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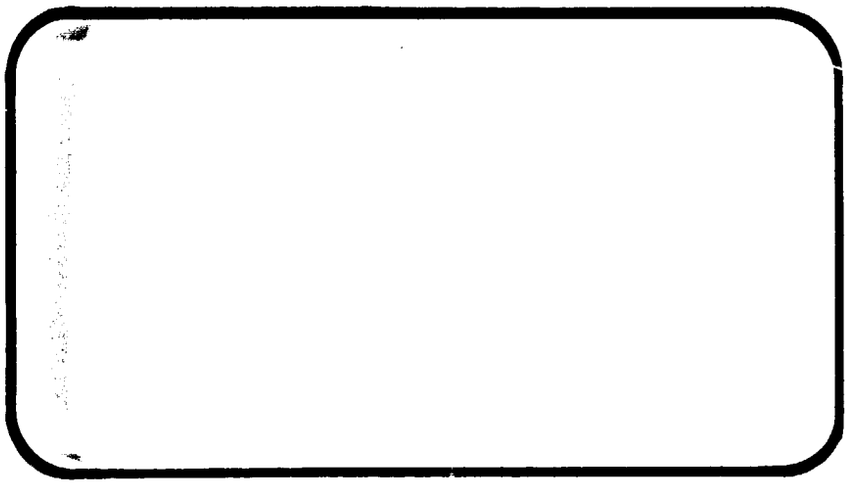

(NASA-CR-141820) RESULTS OF A PRESSURE LOADS INVESTIGATION ON A 0.030-SCALE MODEL (47-OTS) OF THE INTEGRATED SPACE SHUTTLE VEHICLE CONFIGURATION 5 IN THE NASA AMES RESEARCH CENTER 9 BY 7 FOOT LEG OF THE

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SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT

JOHNSON SPACE CENTER

HOUSTON, TEXAS

DATA MANagement services

SPACE DIVISION CHRYSLER CORPORATION

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RESULTS OF A PRESSURE LOADS INVESTIGATION ON A 0.030-SCALE MODEL (47-OTS) OF THE INTEGRATED SPACE SHUTTLE VEHICLE CONFIGURATION 5 IN THE NASA AMES RESEARCH CENTER 9 x 7 FOOT LEG OF THE UNITARY PLAN WIND TUNNEL (IA81B)

VOLUME 4 OF 5

by

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Prepared under NASA Contract Number NAS9-13247

by

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for

Engineering Analysis Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	ARC 97-019
NASA Series Number:	IA81B
Model Number:	47-OTS
Test Dates:	August 6-22, 1974
Occupancy Hours:	208

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RESULTS OF A PRESSURE LOADS INVESTIGATION ON A 0.030-SCALE MODEL (47-OTS) OF THE INTEGRATED SPACE SHUTTLE VEHICLE CONFIGURATION 5 IN THE NASA AMES RESEARCH CENTER 9 x 7 FOOT LEG OF THE UNITARY PLAN WIND TUNNEL (IA81B)

by

E. Chee, Rockwell International Space Division

ABSTRACT

Presented in this report are results of wind tunnel test IA81B. The model tested was a 0.030-scale model of the Integrated Space Shuttle Vehicle Configuration 5. Testing was conducted in the NASA Ames Research Center 9 x 7-foot Unitary Plan Wind Tunnel to investigate pressure distributions for aeroloads analysis at Mach numbers from 1.55 through 2.5. Angles of attack and sideslip were varied from -6 to +6 degrees.

This report consists of 1 volume of force data and 4 volumes of pressure data for a total of 5 volumes. They are arranged in the following manner:

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1	IA81B force data	
2	IA81B plotted pressure data	
3	IA81B tabulated pressure data	
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ABSTRACT (Concluded)

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PLOTTED COEFFICIENTS SCHEDULE:

A) CAF, CNF, CLMF versus ALPHAI
CNF versus CLMF

B) CY, CYNF, CBL versus BETAI
CY versus CYNF
CY versus CBL

C) CHEO, CHEI versus ALPHAO

D) CABO versus ALPHAO

E) CABET versus ALPHAT

F) CABSRB versus ALPHAL

G) CABSRB versus ALPHAR

H) CAFAFO versus MACH

I) XAC/LV versus MACH

J) CNALFA versus MACH

K) YAC/LV versus MACH

L) CYBETA versus MACH

M) CHEO, CHEI versus MACH

N) DCAF, DCNF, DCLMF versus MACH

O) CP versus X/LB

P) CP versus X/LT

Q) CP versus X/LS

R) CP versus X/CV

S) CP versus X/CW

NOMENCLATURE
General

SYMBOL	PLOT 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	PLOT 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; $\frac{\text{pitching moment}}{qSl_{REF}}$
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; $\frac{\text{pitching moment}}{qSl_{REF}}$
C_n	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_l	CTL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$
L/D	L/D	lift-to-drag ratio; C_L/C_D

NOMENCLATURE (Continued)
Additions to Standard Nomenclature

Symbol	Plot Symbol	Defintion
$A_{b_{ET}}$		external tank base area, ft^2
A_{b_f}		body flap upper surface area, ft^2
A_{b_o}		Orbiter base area, ft^2
$A_{b_{OMS}}$		OMS pod base area, ft^2
$A_{b_{SRB}}$		SRB base area, ft^2
$C_{A_{b_{ET}}}$	CABET	external tank base axial force coefficient
$C_{A_{b_o}}$	CABO	Orbiter base axial force coefficient
$C_{A_{b_{SRB}}}$	CABSRB	SRB base axial force coefficient
$C_{A_{ET}}$		external tank total axial force coefficient
$C_{A_{f_{ET}}}$		external tank forebody axial force coefficient
$C_{A_{f_o}}$		Orbiter forebody axial force coefficient
$C_{A_{f_{SRB}}}$		SRB forebody axial force coefficient
C_{A_o}		Orbiter total axial force coefficient

NOMENCLATURE (Continued)

Symbol	Plot Symbol	Definition
$C_{P_{b_{OMS}}}$		OMS pod average base pressure coefficient
$C_{P_{b_{SRB}}}$		SRB average base pressure coefficient
C_{P_i}		pressure coefficient associated with i^{th} tap
ET		external tank
i_{b_o}		Oribter base incidence angle to a line of constant X_o, deg.
ℓ_b		Orbiter fuselage length, in.
MRP		moment reference point
OMS		orbital manuvering system
RN/FT	RN/L	unit Reynolds number, million per foot
S_e		elevon surface area, ft^2
SRB		solid rocket booster
X_{bf}		longitudinal distance from MRP to bodyflap area centroid, in.
X_{b_o}		longitudinal distance from MRP to Orbiter base area centroid, in.
X/C	X/CW	chordwise location on wing
X/Cv	X/CV	chordwise location on vertical tail
X_o		Orbiter longitudinal station, in.
X_o/L_o	X/LT	location on Orbiter, fraction of Orbiter body length aft of Orbiter nose

NOMENCLATURE (Continued)

Symbol	Plot Symbol	Definition
$C_{A_{SRB}}$		SRB total axial force coefficient
$\bar{C}_e$		elevon mean aerodynamic chord, in
$C_{h_{e_I}}$	CHEI	inboard elevon hinge moment coefficient
$C_{h_{e_o}}$	CHEO	outboard elevon hinge moment coefficient
$C_{m_{bf}}$	CMBF	bodyflap upper surface pitching moment coefficient
$C_{m_{b_o}}$	CMBO	Orbiter base pitching moment coefficient
$C_{m_{f_o}}$		Orbiter forebody pitching moment coefficient
C_{m_o}		Orbiter total pitching moment coefficient
$C_{n_{bf}}$		bodyflap upper surface normal force coefficient
$C_{N_{b_o}}$		Orbiter base normal force coefficient
$C_{N_{f_o}}$		Orbiter forebody normal force coefficient
C_{N_o}		Orbiter total normal force coefficient
$C_{P_{b_{ET}}}$		external tank average base pressure coefficient
$C_{P_{bf}}$		bodyflap average upper surface pressure coefficient

NOMENCLATURE (Continued)

Symbol	Plot Symbol	Definition
$C_{P_{b_o}}$		Orbiter average base pressure coefficient
X_S	XS	SRB longitudinal station, in.
X_S/ℓ_S	X/LS	location on SRB, fraction of SRB body length aft of SRB nose
X_T	XT	external tank longitudinal station, in.
X_T/ℓ_T	X/LT	location on ET, fraction of ET body length aft of ET nose
Y_o	YO	Orbiter lateral station, in.
Y_S	YS	SRB lateral station, in.
Y_T	YT	external tank lateral station, in.
Z_{b_o}		vertical distance from MRP to Orbiter base area centroid, in.
Z_o	ZO	Orbiter vertical station, in.
Z_s	ZS	SRB vertical station, in
Z_T	ZT	external tank vertical station, in.
α_o	ALPHAO	Orbiter angle of attack, degrees
α_{S_L}	ALPHAL	left SRB angle of attack, degrees
α_{S_R}	ALPHAR	right SRB angle of attack, degrees
α_T	ALPHAT	external tank angle of attack, degrees
β_o	BETAO	Orbiter angle of sideslip, degrees

NOMENCLATURE (Continued)

Symbol	Plot Symbol	Definition
β_{B_L}	BETAL	left SRB angle of sideslip, degrees
β_{S_R}	BETAR	right SRB angle of sideslip, degrees
β_T	BETAT	external tank angle of sideslip, degrees
δ_{e_i}	ELV-IB	inboard elevon deflection angle, degrees
δ_{e_o}	ELV-OB	outboard elevon deflection angle, degrees
δ_R	RUDDER	rudder deflection angle, degrees
δ_{SB}	SPDBRK	speedbrake deflection angle, degrees
η	2Y/b	spanwise station, 2Y/b
ϕ	PHI	radial location, degrees
C_{A_C}		orbiter sting cavity axial force coefficient
β_I	BETAI	integrated vehicle angle of sideslip, degrees
α_I	ALPHAI	integrated vehicle angle of attack, degrees
X/LB	X/LB	longitudinal position/body length (fuselage)
Y/BW	Y/BW	local spanwise position/wing span
Z/BV	Z/BV	local spanwise position/vertical tail span

NOMENCLATURE (Continued)

Symbol	Plot Symbol	Definition
C_{n_f}	CYNF	forebody yawing moment coefficient, body axis system
C_{m_f}	CLMF	forebody pitching moment coefficient
C_{N_f}	CNF	forebody normal force coefficient
$C_{A_{f_o}}$	CAFAFO	forebody axial force coefficient at zero alpha
C_{N_α}	CNALFA	derivative of normal-force coefficient with respect to alpha, per degree
X_{cp}/ℓ_v	XAC/LV	vertical tail chordwise center of pressure location
Y_{cp}/ℓ_v	YAC/LV	vertical tail spanwise center of pressure location
C_{Y_β}	CYBETA	derivative of side-force coefficient with respect to beta, per degree
ΔC_{A_f}	DCAF	incremental forebody axial force coefficient
ΔC_{N_f}	DCNF	incremental forebody normal force coefficient
ΔC_{m_f}	DCLMF	incremental forebody pitching moment coefficient
CHM1	CHM1	contributions of the forward bridge to the inboard elevon hinge moment coefficient
CHM2	CHM2	contributions of the aft bridge to the inboard elevon hinge moment coefficient
CHM3	CHM3	contributions of the forward bridge to the outboard elevon hinge moment coefficient
CHM4	CHM4	contributions of the aft bridge to the outboard elevon hinge moment coefficient

NOMENCLATURE (Concluded)

Data Set Identifiers

The fourth letter of the data set identifier indicates the component, e.g., RETT04.

Force

O	Orbiter
T	External Tank
L	Left SRB
R	Right SRB
H	Orbiter - Hinge moment
I	Integrated Vehicle

Pressure

B	Orbiter Fuselage
L	Left Wing lower surface
U	Left Wing upper surface
W	Right Wing lower surface
R	Right Wing upper surface
V	Left Vertical Tail
S	SRM Booster
T	External Tank
C	Miscellaneous Orifices

CONFIGURATIONS INVESTIGATED

The model was a 0.030-scale representation of the Rockwell International Space Shuttle Integrated Vehicle. The Orbiter was per VL70-000140A/B lines. The external tank represented VL78-000063 lines. The solid rocket motors were per VL72-000066 lines. Figures 2a, b, and c present sketches of the model configuration. Model simulation included attach structure protuberances, fairings, fuel feed lines, vent lines, etc. (basic model construction was of ARMCO 17-4 steel).

Model forces and moments were measured by 3 Task Corporation six component balances. A 2.5 in. MK XXA was mounted in the Orbiter. A 2.0 in. MK IIIC was mounted in the external tank. A 1.5 in. MK IIC was mounted in the LH SRB. The balances are attached to stings entering each component through the base areas. Figures 2m and 2n show the balance locations in the model. The RH wing inboard and outboard elevon panels are instrumented with hinge moment gages as shown in figure 1c.

Surface and base pressures were measured on the Orbiter, external tank and solid rocket motors. The Orbiter was instrumented with a total of 480 pressure-orifices, of which 6 were base and cavity pressures. The external tank was instrumented with a total of 314 pressure orifices. The LH SRM was instrumented with a total of 149 pressure orifices. Orifice locations are presented in tables IV through VIII and figures 2d through 2 l.

The following model shorthand configuration notation was used:

$LVA' = AT_{28\ thru\ 32}\ FL_{10}\ FL_{11}\ FR_{10}\ N_{86}\ O_1\ PT_{12}\ PT_{22-27}\ S_{21}\ T_{28}$

CONFIGURATIONS INVESTIGATED (Concluded)

$AT_{28 \text{ thru } 32}$ = Attach hardware structure

FL_{10} = LH_2 feedline

FL_{11} = LO_2 feedline

FR_{10} = Umbilical door fairing

N_{86} = Nozzles for solid rocket boosters

O_1 = B_{26} C_9 E_{44} F_9 M_{16} N_{28} R_5 V_8 W_{116}

PT_{12} = Lightning rod on nose of T_{28}

$PT_{22 \text{ thru } 27}$ = External protuberance

S_{21} = Solid rocket boosters

T_{28} = External tank

Where model dimensions are as described in table III. The LVA' configuration was tested with speed brake gap both sealed and open and with elevon gap both sealed and open. The (instrumented) right elevon gap was sealed by a permanent sponge rubber seal. The left elevon gap was sealed with plaster. Speed brake gaps were sealed by red wax.

TEST FACILITY DESCRIPTION

The Ames Research Center 9 by 7 foot Supersonic Wind Tunnel is a closed-circuit, air-medium, variable-density facility capable of attaining Mach numbers from 1.55 to 2.50 at Reynolds numbers from 1.5×10^6/ft to 6.5×10^6/ft. The 18 foot long test section is part of a dual system of supersonic circuits and uses the same motors and compressor as the 8 by 7 foot tunnel. A sliding-block throat arrangement is used to control tunnel Mach number.

Models are supported by means of stings attached to the wall-to-wall strut/BOR system of the 9 by 7 foot tunnel.

Schlieren photograph, shadowgraphs, and pressure monitoring instrumentation are available.

DATA REDUCTION

All balances data were reduced to coefficient about a moment reference point located at:

X_T = 976.0 in.

Y_T = 0.0 in.

Z_T = 400.0 in.

The following reference dimensions were used:

S = 2690.0 ft^2

ℓ_b = 1297.0 in.

Hinge moment data were reduced about their respective hinge lines using the following reference values:

S_e = 210.0 ft^2

$\bar{C}_e$ = 90.7 in.

Base and forebody coefficients were calculated as follows:

$$C_{N_{b_o}} = -C_{P_{b_o}} \frac{A_{b_o}}{S} \tan i_{b_o} - C_{P_{b_{OMS}}} \frac{A_{b_{OMS}}}{S}$$

$$C_{N_{bf}} = -C_{P_{bf}} \frac{A_{bf}}{S}$$

$$C_{A_{b_o}} = -C_{P_{b_o}} \frac{A_{b_o}}{S} - C_{P_{b_{OMS}}} \frac{A_{b_{OMS}}}{S}$$

$$C_{A_{b_{ET}}} = -C_{P_{b_{ET}}} \frac{A_{b_{ET}}}{S}$$

DATA REDUCTION (Continued)

$$C_{A_{b_{SRB}}} = -C_{p_{b_{SRB}}} \frac{A_{b_{SRB}}}{S}$$

$$C_{m_{b_o}} = -\frac{X_{b_o}}{\ell_b} C_{N_{b_o}} + \frac{Z_{b_o}}{\ell_b} C_{A_{b_o}}$$

$$C_{m_{bf}} = -\frac{X_{bf}}{\ell_b} C_{N_{bf}}$$

$$C_{N_{f_o}} = C_{N_o} - C_{N_{b_o}} - C_{N_{bf}}$$

$$C_{m_{f_o}} = C_{m_o} - C_{m_{b_o}} - C_{m_{bf}}$$

$$C_{A_{f_o}} = C_{A_o} - C_{A_{b_o}}$$

$$C_{A_{f_{ET}}} = C_{A_{ET}} - C_{A_{b_{ET}}}$$

$$C_{A_{f_{SRB}}} = C_{A_{SRB}} - C_{A_{b_{SRB}}}$$

$$A_{b_{ET}} = 597.56 \text{ ft}^2$$

$$A_{bf} = 142.6 \text{ ft}^2$$

$$A_{b_o} = 314.10 \text{ ft}^2$$

$$A_{b_{OMS}} = 122.57 \text{ ft}^2$$

$A_{b_{SRB}} = 201.07 \text{ ft}^2$

$i_{b_o} = 14.75°$

$X_{bf} = 1329.7 \text{ in.}$

$X_{b_o} = 1263.0 \text{ in.}$

$Z_{b_o} = 336.5 \text{ in.}$

Base pressure coefficients represented the average pressure on the respective bases. Body flap pressure coefficients were as given by figure 2o.

Right SRB forces and moments were calculated as a mirror image of left SRB forces and moments about $\beta = 0$:

$$\begin{pmatrix}\text{Coefficient on}\\ \text{Right SRB}\\ \text{at } +\beta\end{pmatrix} = \begin{pmatrix}\text{Coefficient on}\\ \text{Left SRB}\\ \text{at } -\beta\end{pmatrix}$$

Forces and moment on each component (Orbiter, ET, left SRB, and right SRB) were interpolated versus the respective angle of attack and angle of sideslip of each component to nominal angles. These data were then added to provide total integrated vehicle forces and moments.

TABLE I

TEST : IA81B

DATE : 8-23-74

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per foot)	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
1.55	2.50×10^6	3.189	120
2.00	2.50×10^6	3.189	120
2.20	2.50×10^6	3.750	120
2.50	2.50×10^6	3.472	120

BALANCE UTILIZED: Task Corp 2.5" MK XXA, 2.0" MKIIIC, 1.5" MKIIC

	CAPACITY: 2.5"	2.0"	1.5"	COEFFICIENT TOLERANCE:
NF	6000	1800	1000	
SF	3000	900	500	
AF	600	500	100	
PM				
RM	4000	1000	800	
YM				

COMMENTS:

TABLE II

TEST: IA81B 97-019		DATE: 8-23-74
	DATA SET-RUN NUMBER COLLATION SUMMARY	

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	δ/δ	δ_R	δ_{SB}	M	RN/FT		β=0		ALPHA -6	-4	-2	0	+2	+4	+6
RET 030	LVA' W/ALL	D	0	0	0	55	2.5	3.0		100								
31	HINGELINES SEALED	D	0	0		55	2.2			101								
32		D	0	0		55	2.0			102								
33		I	0	0		55	1.55			103								
34		E	0	8/-4		0	1.55	2.5		115								
35		A	A	8/-4			1.55					112	116	117	118	119	120	121
36		A	A	8/-4			2.0					122	123	124	125	126	127	128
37		A	A	8/-4			2.2					129	130	131	132	133	134	135
38		A	A	8/-4			2.5					136	137	138	139	140	141	142
39		G	G	0/0			1.55					143	144		145		146	147
40		G	G	0/0			2.0					148	149		150		151	152
41		G	G	0/0			2.2					153	154		155		156	157
42		G	G	0/0			2.5					158	159		160		161	162
43		H	H	8/0			1.55					163	164	165	166	167	168	169
44		H	H	8/0			2.0					170	171	172	173	174	175	176
45		H	H	8/0			2.2					177	178	179	180	181	182	183
46		H	H	10/-4			1.55					184	185	186	187	188	189	190
47		H	H	10/-4			2.0					191	192	193	194	195	196	197

TEST RUN NUMBERS

SEE SUPPLEMENTARY SCHEDULE ON FOLLOWING PAGE

α OR β SCHEDULES SEE PAGE 28

TABLE II (Continued)

COMPONENT	DATASET IDENTIFIER	INDEPENDENT VARIABLES		FORCE COEFFICIENT SCHEDULE							
Orbiter	RETOXX	BETAO	ALPHAO	CNF	CLMF	CA	CY	CYNF	CBL	*CABT	CAF
External Tank	RETTXX	BETAT	ALPHAT	CNF	CLMF	CA	CY	CYNF	CBL	CABT	CAF
Left SRB	RETLXX	BETAL	ALPHAL	CNF	CLMF	CA	CY	CYNF	CBL	CABT	CAF
Hinge Moment	RETHXX	BETAO	ALPHAO	CHEI	CHEO	CHM1	CHM2	CHM3	CHM4		

* Where CABT is $C_{A_b} + C_{A_c}$ for each vehicle component.

TABLE II (Concluded)

Nominal α or β Schedules

Schedule A

β \ α	-6	-4	-2	0	2	4	6
-6	-	x	x	x	x	x	-
-4	x	x	-	x	-	x	x
-2	x	-	x	-	x	-	x
0	x	x	-	x	-	x	x
2	x	-	x	-	x	-	x
4	x	x	-	x	-	x	x
6	-	x	x	x	x	x	-

Schedule H

β \ α	-6	-4	-2	0	2	4	6
-6				x			
-4		x		x		x	
-2				x			
0	x	x	x	x	x	x	x
2				x			
4		x		x		x	
6				x			

Schedule G

β \ α	-6	-4	0	4	6
-6			x		
-4		x	x	x	
0	x	x	x	x	x
4		x	x	x	
6			x		

Schedule D

$\beta = 0$, $\alpha = -6, -4, 0, 4, 8, 10$

Schedule E

$\beta = 0$, $\alpha = -6, -4, -2, 0, 2, 4, 6$

Schedule I

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

TABLE III. - MODEL DIMENSIONAL DATA

MODEL COMPONENT: ATTACH STRUCTURE - AT_{28}

GENERAL DESCRIPTION: Rear orbiter to ET attach structure (LH and RH). 2 Members.

MODEL SCALE: 0.030 MODEL DRAWING NO.: _____

DRAWING NO.: V178-000063, -000628

DIMENSIONS:	MEMBER		FULL SCALE	MODEL SCALE
	#1	X_o	1317.00	39.51
		Y_o	- 96.50 (LH)	- 2.895
			96.50 (RH)	2.895
		Z_o	267.50	8.025
		X_T	2058.00	61.740
		Y_T	- 125.68 (LH)	- 3.770
			125.68 (RH)	3.770
		Z_T	515.5	15.465
	#2	X_o	1317.00	39.51
		Y_o	- 96.50 (LH)	- 2.895
			96.50 (RH)	2.895
		Z_o	267.50	8.025
		X_T	1872.00	56.160
		Y_T	-125.68 (LH)	- 3.770
			125.68 (RH)	3.770
		Z_T	504.5	15.135
Diameter, In.	#1		11.5	0.345
	#2		15.5	0.465

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ATTACH STRUCTURE - AT_{29}

GENERAL DESCRIPTION: Right-hand umbilical fairing to ET cross member attach structure (1 member).

MODEL SCALE: 0.030 MODEL DRAWING NO.: _____

DRAWING NO.: VL78-000062B, -Martin Marietta 82600207000

DIMENSIONS:		FULL SCALE	MODEL SCALE
Umbilical fairing attach point:	X_o	1317.00	39.510
	Y_o	66.316	1.989
	Z_o	247.182	7.415
	X_T	2058.683	61.740
	Y_T	66.316	1.989
	Z_T	583.683	17.510
ET attach point:	X_T	2058.00	61.740
	Y_T	- 12.00	- 0.360
	Z_T	568.25	17.048
	X_o	1317.00	39.510
	Y_o	- 12.00	- 0.36
	Z_o	60.75	1.823
Attach structure dia., in.		4.5	0.135

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ATTACH STRUCTURE - AT_{30}

GENERAL DESCRIPTION: Forward SRB to ET attach structure (LH and RH).

MODEL SCALE: 0.030

DRAWING NO.: VL78-000066, Martin Marietta 82600204300

DIMENSIONS:		FULL SCALE	MODEL SCALE
Attach point	X_T	985.675	29.570
	Y_T	-172.50 (LH)	- 5.175
		172.50 (RH)	5.175
	Z_T	0.0	0.0
	X_S	442.675	13.280
	Y_S	80.00	2.400
	Z_S	0.0	0.0
	X_O	244.675	7.340
	Y_O	- 184.5 (LH)	—5.535
		184.5 (RH)	5.535
	Z_O	0.0	0.0

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ATTACH STRUCTURE - AT_{31}

GENERAL DESCRIPTION: Rear ET to SRB attach structure (LH & RH), 3 members.

MODEL SCALE: 0.030 MODEL DRAWING: _____

DRAWING NO.: VL78-000063, -000062B, -000066

DIMENSIONS:	MEMBER		FULL SCALE	MODEL SCALE
	#1	X_T	2058.00	61.74
		Y_T	- 171.50 (LH)	- 5.145
			171.50 (RH)	5.145
		Z_T	457.00	13.710
		X_s	1511.00	45.33
		Y_s	53.24	1.597
		Z_s	57.00	1.710
	#2	X_T	2058.00	61.74
		Y_T	- 163.58	- 4.916
		Z_T	449.81	13.494
		X_s	1511.00	45.33
		Y_s	76.56	2.297
		Z_s	15.73	0.472
	#3	X_T	2058.00	61.74
		Y_T	- 161.72	- 4.852
		Z_T	343.00	10.29
		X_s	1511.00	45.33
		Y_s	53.24	1.597
		Z_s	- 57.00	- 1.710
Diameter of members, In.:	#1			
	#2			
	#3			

TABLE III.- MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ATTACH STRUCTURE - AT32

GENERAL DESCRIPTION: Forward orbiter/ET attach structure (2 member structure)

MODEL SCALE: 0.030

DRAWING NO.: VL78-000062B, Martin Marietta P260020914

DIMENSIONS:	MEMBER		FULL SCALE	MODEL SCALE
	#1	X_o	388.15	11.6445
		Y_o	0.0	0.0
	(Attach pt on orb Z_T= 614)	Z_o	LWR ML	LWR ML
		X_T	1129.9	34.05
		Y_T	46.50	1.395
	(Attach pt on tank)	Z_T	562.58	16.877
	#2	X_o	388.15	11.645
		Y_o	0.0	0.0
		Z_o	LWR ML	LWR ML
		X_T	1129.9	34.05
		Y_T	- 46.50	- 1.395
		Z_T	562.58	16.877
Diameter, In.	#1		6.0	0.180
	#2		6.0	0.180

TABLE III.- MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT : BODY - B_{26}

GENERAL DESCRIPTION : Configuration 140A/B orbiter fuselage

NOTE: B_{26} is identical to B_{24} except underside of fuselage has been refaired to accept W_{116}.

MODEL SCALE: 0.030 MODEL DRAWING NO.: SS-A00147, Rel. 12.

DRAWING NUMBER : VL70-000143B, -000200, -000205, -006089, -000145, -000140A, -000140B

DIMENSIONS	FULL SCALE	MODEL SCALE
Length (OML: Fwd Sta. X_o=235), In.	1293.3	38.799
Length (IML: Fwd Sta. X_o=238), In.	1290.3	38.709
Max Width (@ X_o = 1528.3), In.	264.0	7.920
Max Depth (@ X_o = 1464), In.	250.00	7.500
Fineness Ratio	0.264	0.264
Area - Ft^2		
Max. Cross-Sectional	340.88	0.307
Planform		
Wetted		
Base		

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT : CANOPY - C_9

GENERAL DESCRIPTION : Configuration 3A. Canopy used with fuselage B_{26}

MODEL SCALE: 0.030 MODEL DWG NO.: SS-A00147

DRAWING NUMBER : VL70-000143A

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (X_o =434.643 to 578), In.	143.357	4.301
Max Width (X_o = 513.127), In.	152.412	4.572
Max Depth (At X_o = 485.), In.	25.000	0.750
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ELEVON - E_{44}

GENERAL DESCRIPTION: 6.0 In. F.S. gaps machined into E_{44} elevon. Flapper doors, centerbody pieces, and tipseals are not simulated. (Data are for one of two sides).

MODEL SCALE: 0.030

DRAWING NUMBER: Not available

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area -- Ft^2	210.0	0.189
Span (equivalent), In.	349.2	10.476
Inb'd equivalent chord , In.	118.0	3.54
Outb'd equivalent chord, In.	55.19	1.656
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.2096	0.2096
At Outb'd equiv. chord	0.2096	0.2096
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Trailing Edge	- 10.056	- 10.056
Hingeline	0.00	0.00
Area Moment (Product of area & $\bar{c}$), Ft^3	1587.25	0.0429
Mean Aerodynamic Chord, In.	90.7	2.721

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT : BODY FLAP - F_9

GENERAL DESCRIPTION : Configuration 140 A/B

MODEL SCALE: 0.030

DRAWING NUMBER : VL70-000140B, -000200

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (Chord), In.	84.7	2.541
Max Width , In.	262.308	7.869
Max Depth , In.	23.00	0.690
Fineness Ratio		
Area - Ft^2		
Max. Cross-Sectional		
Planform	142.60	0.128
Wetted		
Base	41.90	0.0377

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: FEEDLINE - FL_{10}

GENERAL DESCRIPTION: LH_2 feedline on upper left-hand side of T_{28}.

MODEL SCALE: 0.030

DRAWING NO.: VL78-000063, -000062B

DIMENSIONS:		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	2071.5	62.145
	Y_T	- 70.0	- 2.100
	Z_T	573.934	17.218
Trailing edge at:	X_T	2081.80	62.454
	Y_T	- 70.00	- 2.10
	Z_T	584.059	17.522
Diameter of line (17.0 I.D.)		18.160	0.545

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: FEEDLINE - FL_{11}

GENERAL DESCRIPTION: LO_2 feedline on upper right-hand of T_{28}.

MODEL SCALE: 0.030

DRAWING NO.: VL78-000063, VL78-000062B

DIMENSIONS:

		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	1000.667	30.02
	Y_T	70.00	2.10
	Z_T	150.519	4.516
Trailing edge at:	X_T	2071.5	62.145
	Y_T	70.00	2.100
	Z_T	573.934	17.218
Line diameter (17.0 I.D.)	(O.D.)	18.16	0.545

TABLE III. -MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: FAIRING - FR_{10}

GENERAL DESCRIPTION: Umbilical door fairing between aft ET/orbiter attach structure.

MODEL SCALE: 0.030

DRAWING NO.: VL78-000063, -000062B, Martin Marietta 82600207000

DIMENSIONS:	FULL SCALE	MODEL SCALE
Leading edge at	2052.0	61.74
Length	193.0	5.79
Width	15.0	0.45

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: OMS POD - M_{16}

GENERAL DESCRIPTION: Configuration 140C orbiter OMS pod - short pod.

MODEL SCALE: 0.030.

DRAWING NUMBER VL70-008401, -008410

DIMENSION:	FULL SCALE	MODEL SCALE
Length (OMS Fwd Sta. X_o=1310.5), In.	258.50	7.755
Max Width (@ X_o = 1511), In.	136.8	4.104
Max Depth (@ X_o = 1511), In.	74.70	2.241
Fineness Ratio	2.484	2.484
Area - Ft^2		
Max Cross-Sectional	58.864	0.053
Planform		
Wetted		
Base		

TABLE III. - MODEL DIMENSIONAL DATA- Continued.

MODEL COMPONENT: OMS NOZZLES - N_{28}

GENERAL DESCRIPTION: Configuration 140A/B orbiter OMS Nozzles

MODEL SCALE: 0.030

DRAWING NUMBER: VL70-000140A (Location), SS-A00106, Rel. 5 (Contour)

DIMENSIONS:	FULL SCALE	MODEL SCALE
MACH NO.		
Length - In.		
Gimbal Point to Exit Plane		
Throat to Exit Plane		
Diameter - In.		
Exit		
Throat		
Inlet		
Area - ft^2		
Exit		
Throat		
Gimbal Point (Station) - In.		
Left Upper Nozzle		
X_o	1518.00	45.54
Y_o	- 88.0	-2.64
Z_o	492.00	14.76
Right Lower Nozzle		
X_o	1518.00	45.54
Y_o	88.0	2.64
Z_o	492.00	14.76
Null Position - Deg.		
Left Upper Nozzle		
Pitch	15°49'	15°49'
Yaw	12°17'	12°17'
Right Lower Nozzle		
Pitch	15°49'	15°49'
Yaw	12°17'	12°17'

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: BSRM NOZZLE - N_{86}

GENERAL DESCRIPTION: Booster solid rocket motor nozzles.

MODEL SCALE: 0.030

DRAWING NO.: VL70-000066

DIMENSIONS:	FULL SCALE	MODEL SCALE
Diameter, D_{ex} - In. (I.D.)	144.29	4.3287
Diameter, D_{ex} - In. (O.D.)	146.79	4.4037
Diameter, DT - IN.		
Diameter, D_{in} - In.		
Area - Ft^2		
Max. Cross-sectional (I.D.)	113.553	0.102
Gimbal Origin:		
Left Nozzle		
X_o	1902.6	57.078
Y_o	-250.50	- 7.515
Z_o	400.0	12.00
Right Nozzle		
X_o	1902.6	57.078
Y_o	250.50	7.515
Z_o	400.0	12.00
Null Position: (Deg.)		
Left nozzle gimbal	± 8	± 8
Right nozzle gimbal	± 8	± 8

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ET PROTUBERANCE - PT_{12}

GENERAL DESCRIPTION: Lightning rod attached to ET nose.

MODEL SCALE: 0.030

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length	30.90	0.927
Diameter - In.	3.20	0.096

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ELECTRICAL LINE - PT_{22}

GENERAL DESCRIPTION: Left-hand electrical conduit line on T_{28}.

MODEL SCALE: 0.030.

DRAWING NUMBER VL78-000063, -000062B

DIMENSION:		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	1084.333	32.530
	Y_T	- 99.591	- 2.988
	Z_T	-139.620	- 4.189
Trailing edge at:	X_T	2058.000	61.740
	Y_T	- 99.591	- 2.988
	Z_T	- 139.620	- 4.189
Conduit size:		2.0 x 6.0	0.06 x 0.18

Centerline of line located radially at $\emptyset$ = 35.5 deg.

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: LO_2 RECIRCULATION LINE - PT_{23}

GENERAL DESCRIPTION: LO_2 recirculation line on right-hand upper side side of T_{28}.

MODEL SCALE: 0.030

DRAWING NO.: VL78-000063, -000062B, Martin Marietta 82600207000

DIMENSIONS:		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	1040.667	31.220
	Y_T	94.169	2.825
	Z_T	540.934	16.228
Trailing edge at:	X_T	2062.920	61.888
	Y_T	70.000	2.100
	Z_T	573.934	17.218
Diameter of line		4.0	0.120

Centerline of line located radially at $\emptyset = 33^{\circ}45'$
(Right of TDC looking forward)

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: LH_2 RECIRCULATION LINE - PT_{24}

GENERAL DESCRIPTION: LH_2 recirculation line on T_{28}.

MODEL SCALE: 0.030

DRAWING NO.: VL78-000063, -000062B, Martin Marietta 82600207000

DIMENSIONS:		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	1040.667	31.220
	Y_T	- 94.169	- 2.825
	Z_T	540.934	16.228
Trailing edge at:	X_T	2062.920	61.888
	Y_T	- 70.00	-2.100
	Z_T	573.934	17.218
Diameter of line		4.00	0.120

Centerline of line located radially at $\emptyset = 33°45'$
(Left of TDC looking forward)

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ELECTRICAL LINE - PT_{25}

GENERAL DESCRIPTION: Right-hand aft electrical conduit line on T_{28} with LH_2 pressure sensor line and LOX vent valve actuator line.

MODEL SCALE: 0.030

DRAWING NO.: VL78-000063, -000062B, Martin Marietta 82600207000

DIMENSIONS:

		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	1084.333	32.530
	Y_T	99.591	2.988
	Z_T	139.620	4.189
Trailing edge at:	X_T	2058.000	61.74
	Y_T	99.591	2.988
	Z_T	139.620	4.189
Line diameter		2.0 x 6.0	0.06 x 0.18

Centerline of line located radially at $\emptyset = 35.5^{\circ}$

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: LO_2 PRESSURE LINE - PT_{26}

GENERAL DESCRIPTION: LO_2 pressure line on T_{28}.

MODEL SCALE: 0.030

DRAWING NO.: VL78-000063, -0000628, Martin Marietta 82600207000

DIMENSIONS:		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	360.733	10.822
	Y_T	15.145	0.454
	Z_T	407.718	12.232
Trailing edge at:	X_T	2083.5	62.505
	Y_T	63.25	1.898
	Z_T	609.00	18.27
Centerline of line located radially at $\emptyset = 27^\circ$			
Line diameter		2.0	0.060

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: ELECTRICAL LINE - PT_{27}

GENERAL DESCRIPTION: Electrical conduit on the right-hand forward section of T_{28}.

MODEL SCALE: 0.030

DRAWING NO.: VL78-000062B

DIMENSIONS:		FULL SCALE	MODEL SCALE
Leading edge at:	X_T	360.733	10.822
	Y_T	11.549	0.346
	Z_T	412.474	12.374
Trailing edge at:	X_T	876.273	26.288
	Y_T	226.114	6.783
	Z_T	646.774	19.403

Centerline of conduit located radially at $\emptyset = 47.5^{\circ}$

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: RUDDER - B_5

GENERAL DESCRIPTION: Configuration 140C orbiter rudder (Identical to configuration 140A/B rudder).

MODEL SCALE: 0.030

DRAWING NUMBER: VL70-000146B, --000095

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area - Ft^2	100.15	0.090
Span (equivalent), In.	201.0	6.03
Inb'd equivalent chord, In.	91.585	2.748
Outb'd equivalent chord, In.	50.833	1.525
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
Trailing Edge	26.25	26.25
Hingeline	34.83	34.83
Area Moment (Product of area & $\bar{c}$), Ft^3	610.92	0.016
Mean Aerodynamic Chord, In.	73.2	2.196

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: BOOSTER SOLID ROCKET MOTOR - S_{21}

GENERAL DESCRIPTION:

MODEL SCALE: 0.030 .

DRAWING NUMBER VL72-000143D, VL77-000066

DIMENSION:	FULL SCALE	MODEL SCALE
Length (Includes nozzle), In.	1789.40	53.682
~~Max Width~~ Tank Diameter, In.	146.00	4.38
~~Max Depth~~ Aft shroud Dia., In.	192.00	5.76
Fineness Ratio	9.3198	9.3198
Area - $Ft.^2$		
Max Cross-Sectional	201.062	0.1809
Planform		
Wetted		
Base		
WP of BSRM centerline (Z_T)	400.0	1.200
FS of BSRM nose (X_T)	743.0	22.29
BP of BSRM centerline (Y_T)	250.5	7.515

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: EXTERNAL TANK - T_{20}

GENERAL DESCRIPTION:

NOTE: (Dimensions are to tank structural OML, TPS not included.)

MODEL SCALE: 0.030

DRAWING NUMBER VL72-000143D, VL78-000063

DIMENSION:	FULL SCALE	MODEL SCALE
Length, In.	1844.275	55.328
Max Width Dia., In.	331.00	9.93
Max Depth		
Fineness Ratio	5.687	5.687
Area - Ft^2		
Max Cross-Sectional	594.678	0.053
Planform		
Wetted		
Base		

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: VERTICAL - V_β

GENERAL DESCRIPTION: Configuration 140C orbiter vertical tail (identical to configuration 140A/B vertical tail)

MODEL SCALE: 0.030

DRAWING NUMBER: VL70-000140C, -000146B

DIMENSIONS:	FULL SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) - Ft^2		
Planform	413.253	0.372
Span (Theo) - In.	315.72	9.472
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.404	0.404
Sweep-Back Angles, Degrees.		
Leading Edge	45.000	45.000
Trailing Edge	26.25	26.25
0.25 Element Line	41.13	41.13
Chords:		
Root (Theo) WP	268.50	8.055
Tip (Theo) WP	108.47	3.254
MAC	199.81	5.992
Fus. Sta. of .25 MAC	1463.35	43.901
W.P. of .25 MAC	635.52	19.066
B.L. of .25 MAC	0.00	0.00
Airfoil Section		
Leading Wedge Angle - Deg.	10.00	10.00
Trailing Wedge Angle - Deg.	14.92	14.92
Leading Edge Radius	2.00	0.060
Void Area	13.17	0.0019
Blanketed Area	0.0	0.0

TABLE III. - MODEL DIMENSIONAL DATA - Concluded.

MODEL COMPONENT: WING-W 116

GENERAL DESCRIPTION: Configuration 4

NOTE: Identical to W_{114} except airfoil thickness. Dihedral angle is along trailing edge of wing.

MODEL SCALE : 0.030

TEST NO. DWG. NO. VL70-000140A, -000200

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.) Ft^2		
Planform	2690.00	2.421
Span (Theo In.	936.68	28.10
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Dihedral Angle, degrees	3.500	3.500
Incidence Angle, degrees	0.500	0.500
Aerodynamic Twist, degrees	3.000	3.000
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	- 10.056	- 10.056
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo) B.P.0.0.	689.24	20.677
Tip, (Theo) B.P.	137.85	4.136
MAC	474.81	14.244
Fus. Sta. of .25 MAC	1136.83	34.105
W.P. of .25 MAC	290.58	8.717
B.L. of .25 MAC	182.13	5.464
EXPOSED DATA		
Area (Theo) Ft^2	1751.50	1.575
Span, (Theo) In. BP108	720.68	21.620
Aspect Ratio	2.059	2.059
Taper Ratio	0.245	0.245
Chords		
Root BP108	562.09	16.863
Tip 1.00 $\frac{b}{2}$	137.85	4.136
MAC	392.83	11.785
Fus. Sta. of .25 MAC	1185.98	35.579
W.P. of .25 MAC	294.30	8.829
B.L. of .25 MAC	251.77	7.553
Airfoil Section (Rockwell Mod NASA) XXXX-64		
Root $\frac{b}{2}$ =	0.113	0.113
Tip $\frac{b}{2}$ =	0.120	0.120
Data for (1) of (2) Sides		
Leading Edge Cuff Planform Area Ft^2	113.13	0.102
Leading Edge Intersects Fus M. L. @ Sta	500.0	15.00
Leading Edge Intersects Wing @ Sta	1024.00	30.72

TABLE IV.
ORBITER WING PRESSURE TAP NUMBERS

ORBITER LEFT WING PRESSURE TAP NUMBERS

η	Y₀			NO. TAPS	Σ TAPS
		X/C	0 .041 .113 .247 .429 .547 .638 .727 .793		
.233	110	TOP	208 209 210 211 212 213 214 215 216	9	9
		BOT	- - - - - - - - -	0	
		X/C	0 .010 .020 .050 .094 .229 .362 .497 .700 .894 .965 .980 .995		
.291	140	TOP	217 218 219 220 221 222 223 224 225 226 227 228 229	13	34
		BOT	- 230 231 232 233 234 235 236 237 238 239 240 241	12	
		X/C	0 .010 .020 .040 .086 .163 .246 .340 .631 .715 .839 .879 .919 .955		
.348	170	TOP	242 243 244 245 246 247 248 249 250 251 252 253 254 255	14	61
		BOT	- 256 257 258 259 260 261 262 263 264 265 266 267 268	13	
		X/C	0 .010 .020 .040 .086 .173 .274 .402 .565 .760 .808 .857 .905 .953 .995		
.407	200	TOP	269 270 271 272 273 274 275 276 277 278 279 280 281 282 -	14	89
		BOT	- 283 284 285 286 287 288 289 290 291 292 293 294 295 296	14	
		X/C	0 .010 .020 .050 .080 .150 .250 .400 .550 .725 .775 .850 .900 .950		
.524	250	TOP	297 298 299 300 301 302 303 304 305 306 307 308 309 310	14	116
		BOT	- 311 312 313 314 315 316 317 318 319 320 321 322 323	13	
		X/C	.775 .850 .950 1.000		
.641	300	TOP	333 334 335 -	3	123
		BOT	344 345 346 347	4	
		X/C	0 .010 .020 .050 .150 .250 .400 .550 .700		
.673	315	TOP	324 325 326 327 328 329 330 331 332	9	140
		BOT	- 336 337 338 339 340 341 342 343	8	
		X/C	0 .010 .020 .050 .150 .250 .650 .750 .850 .950		
.780	365	TOP	348 349 350 351 352 353 354 355 356 357	10	159
		BOT	- 358 359 360 361 362 363 364 365 366	9	
		X/C	0 .010 .026 .058 .150 .250 .400 .600 .750 1.000 1.000		
.857	415	TOP	367 368 369 370 371 372 373 374 375 376 -	10	179
		BOT	- 377 378 379 380 381 382 383 384 385 386	10	
		X/C	0 .028 .069 .157 .345 .503 .670 .862		
.934	455	TOP	387 388 389 390 391 392 393 394	8	194
		BOT	- 395 396 397 398 399 400 401	7	
		X/C	1362 1405		
1.0		X/C	TOP 402 403	2	196
			BOT - -		

ORBITER RIGHT WING PRESSURE TAP NUMBERS

η	Y₀			NO. TAPS	Σ TAPS
		X/C	0 .041 .113 .247 .429 .547 .636 .727 .793		
.235	110	TOP	409 405 406 407 408 409 410 411 412	9	205
		BOT	- - - - - - - - -	0	
		X/C	0 .010 .020 .040 .086 .163 .246 .340 .631 .715		
.344	170	TOP	413 414 415 416 - 417 418 419 420 421	9	222
		BOT	- 422 423 424 425 426 427 428 - 429	8	

TABLE V. ORBITER FUSELAGE PRESSURE TAP NUMBERS

ORBITER X_o - IN.			Φ RADIAL LOCATION ~ DEGREES																									
FULL	MODE	X_o/L_o	0	20	40	55	70	90	105	110	120	135	140	150	151	156	162	165	169	174	180	305	320	340	NO TAPS	Σ TAPS
235	7.05	0	7																							
245	7.35	.008	8					9																	1	1
265	7.95	.023	11	12	13	14	15	16			17			18							10				3	4
295	8.85	.046	23	24	25	26	27	28			29			30							19	20	21	22	12	16
325	9.75	.070	35	36	37	38	39	40			41			42							31	32	33	34	12	28
380	11.40	.112	47	48	49	50	51	52			53			54							43	44	45	46	12	40
440	13.20	.158																			55	56	57	58	12	52
450	13.50	.166	60	61	62	63	64	65			66									59					1	53
465	13.95	.177														67			68		69	70	71	72	13	66
500	15.00	.204	75	76	77	78	79	80			81		82	83	73		74								2	68
560	16.80	.251	89		90		91	92			93			94				84			85	86	87	88	14	82
625	18.75	.301	98		99		100	101			102			103				95			96		97		9	91
725	21.75	.378	107		108		109	110			111			112				104			105		106		9	100
880	26.40	.497	116		117		118	119			120			121				113			114		115		9	109
980	29.40	.574	125		126													122			123		124		9	118
1080	32.40	.652	128		129		130	131			132			133									127		3	121
1180	35.40	.729	137		138		139	140			141			142				134			135		136		9	130
1245	37.35	.779	145		146		147	148	149		150	151		152							143		144		8	138
1300	39.00	.821	156		157		158	159	160		161	162		163				153			154		155		11	149
1375	41.25	.879	166		167		168	169	170		171	172		173							164		165		10	159
1430	42.90	.921	176		177		178	179	180		181	182		183				174					175		10	169
1480	44.40	.960	186		187		188	189	190		191	192		193				184					185		10	179
1530	45.90	.999								196	197							194					195		10	189
1530	45.90	.999								198	199														2	191
																									2	193

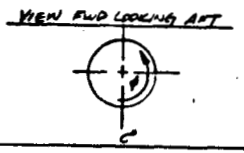
L. = 1297.0 IN.

a. OMS POD, INSIDE
b. OMS POD OUTSIDE

TABLE VI. ORBITER VERTICAL TAIL PRESSURE TAP NUMBERS (LEFT SIDE ONLY)

VERTICAL Z_o FULL SCALE	VERTICAL Z_o MODEL SCALE	η_V	X/CV 0	.025	.05	.15	.30	.52	.685	.775	.90	No. TAPS	TAPS
550	16.5	.153	430	431	432	433	434	435	436	437		8	8
600	18.0	.316	438	439	440	441	442	443	444	445	446	9	17
690	20.7	.600	447	448	449	450	451	452	453	454	455	9	26
765	22.95	.840	456	457	458	459	460	461	462	463	464	9	35
792	23.76	.925	465	466	467	468	469	470	471	472	473	9	44

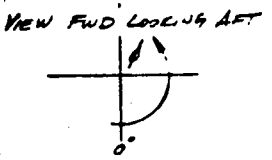
TABLE VII. EXTERNAL TANK PRESSURE TAP NUMBERS



X_T ~ IN. Real Scale	X_{TM} IN. Model Scale	X_T/L_T	ϕ ~ DEGREES																NO TAPS
			0	30	60	90	120	135	147	162	180	198	213	225	240	270	300	330	
298/329	8.937/9.871	0	474																1
346	10.38	0.0092	475	476	477	478	479		480		481		482		483	484	485	486	12
363	10.89	0.0184	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	16
403	12.09	0.0400	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	16
443	13.44	0.0644	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	16
568	17.04	0.1292	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	16
688	20.64	0.1944	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	16
718	21.54	0.2106	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	16
758	22.74	0.2323	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	16
808	24.24	0.2594	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	16
850	25.50	0.2821	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	16
950	28.50	0.3362	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	16
1050	31.50	0.3904	647	648/662	649	650	651	652	653	654	655	656	657	658	659	660	661	--	16
1150	34.50	0.4445	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	16
1250	37.50	0.4987	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	16
1350	40.50	0.5528	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	16
1500	45.00	0.6340	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	16
1700	51.00	0.7423	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	16
1900	57.00	0.8506	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	16
2040	61.20	0.9264	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	16
2146	64.38	0.9838	775	776	777	778	779		780		781		782		783	784	785	786	12
STING CAVITY			787																1
																		Σ TAPS	314

L_T = 1846.91 IN.

TABLE VIII LEFT SRB PRESSURE TAP NUMBERS



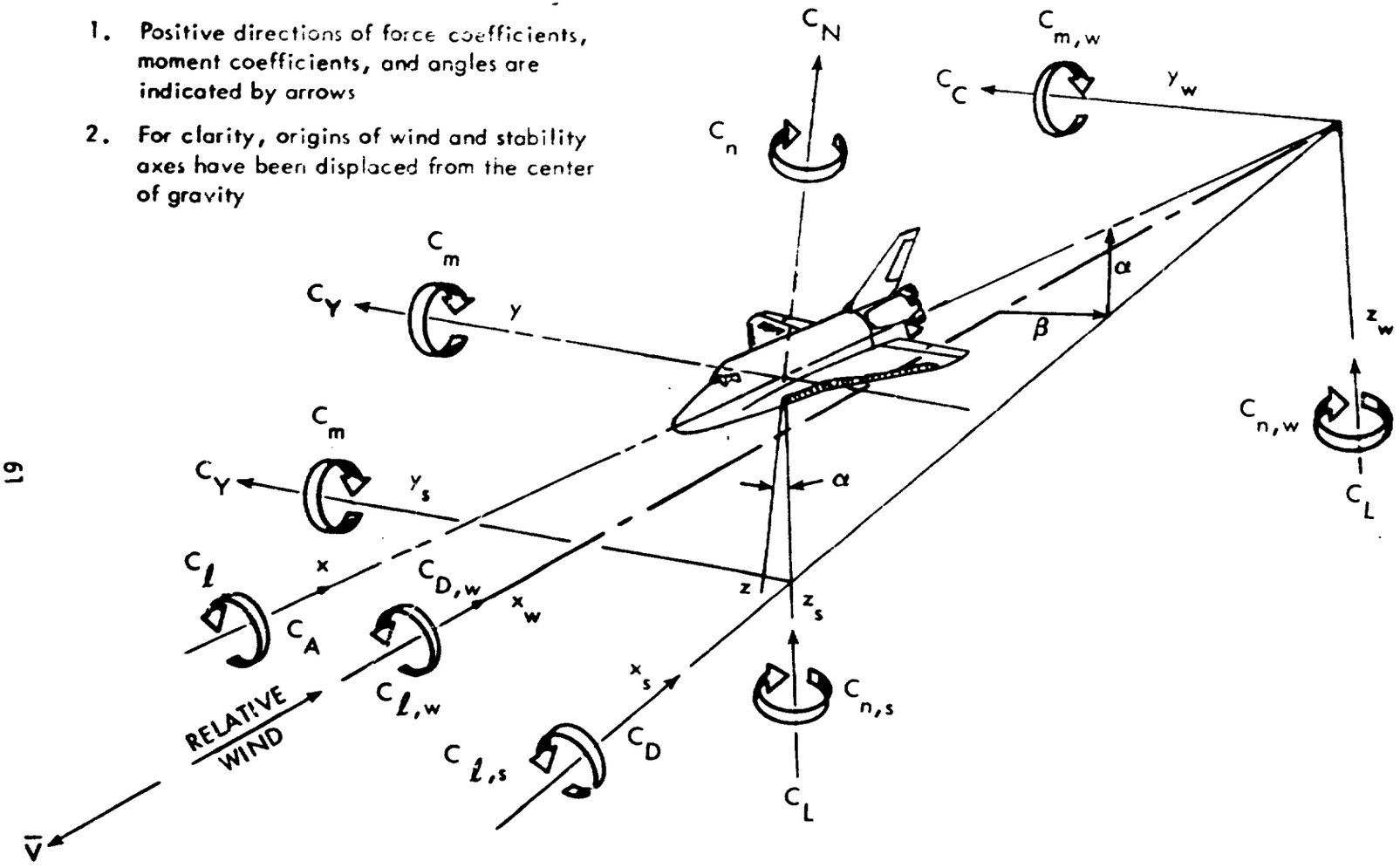
	X_s ~ IN. FULL SCALE	X_s ~ IN. MODEL SCALE	X_s/ℓ_s	φ ~ DEGREES 0	45	90	135	180	225	270	315		NO. TAPS	Σ NO TAPS
	200	6	0	788									1	1
	260	7.8	0.0335	789	790	791	792	793	794	795	796		8	9
	370	11.1	0.0950	797	798	799	800	801	802	803	804		8	17
	400	12.0	0.1118	805	806	807	808	809	810	811	812		8	25
	450	13.5	0.1397	813	814	815	816	817	818	819	820		8	33
	550	16.5	0.1956	821	822	823	824	825	826	827	828		8	41
	700	21.0	0.2794	829	830	831	832	833	834	835	836		8	49
	850	25.5	0.3632	837	838	839	840	841	842	843	844		8	57
	1050	31.5	0.4250	845	846	847	848	849	850	851	852		8	65
	1250	37.5	0.5867	853	854	855	856	857	858	859	860		8	73
	1450	43.5	0.6985	861	862	863	864	865	866	867	868		8	81
*	1503	45.09	0.7280	869				871		872			3	84
*	1505	45.15	0.7290	873		874		875		876			4	88
*	1517	45.51	0.7360	877		878		879		880			4	92
*	1519	45.57	0.737	881				883		884			3	95
	1650	49.5	0.8102	885	886	887	888	889	890	891	892		8	103
	1750	52.5	0.8661	893	894	895	896	897	898	899	900		8	111
*	1832.9	54.99	0.9120	909		910		911		912			4	115
*	1833.9	55.02	0.9130	913		914		915		916			4	119
	1872.2	56.17	0.9344	917	918	919	920	921	922	923	924		8	127
	1911.7	57.35	0.9565	925	926	927	928	929	930	931	932		8	135
	SKIRT END			933			934			935			3	138
	NOZZLE EXIT ℄			936									1	139

ℓ_s = 1789.60 IN.

* PRESSURE TAPS AT 77.5 IN. RADIUS ON THE STRUCTURAL RINGS

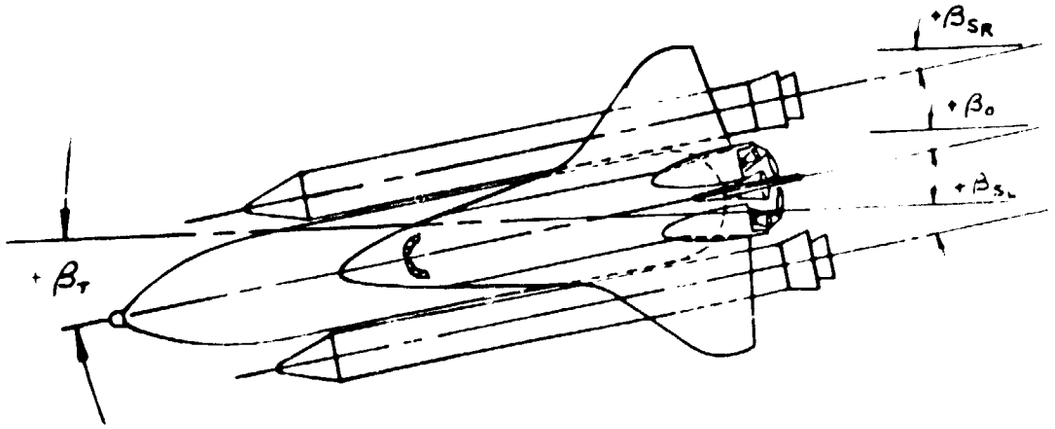
Notes:

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

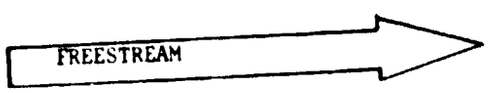


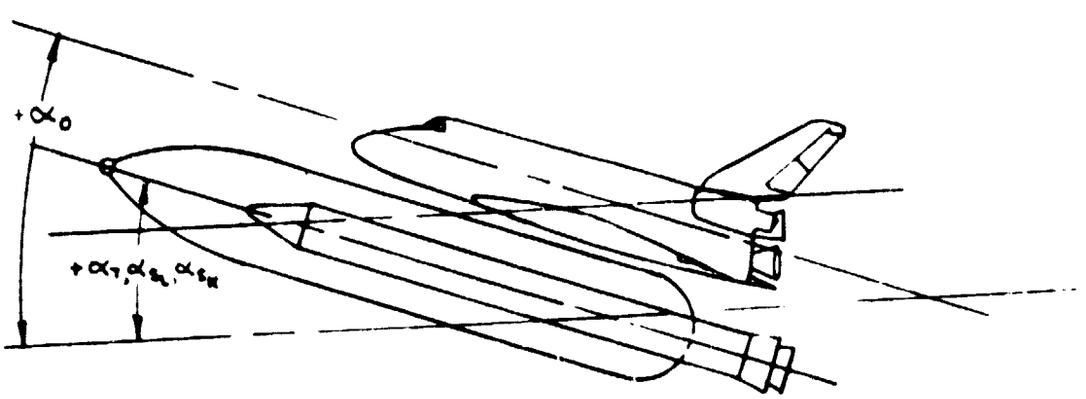
a. Forces and Moments

Figure 1. - Axis Systems.



SIDESLIP ANGLES

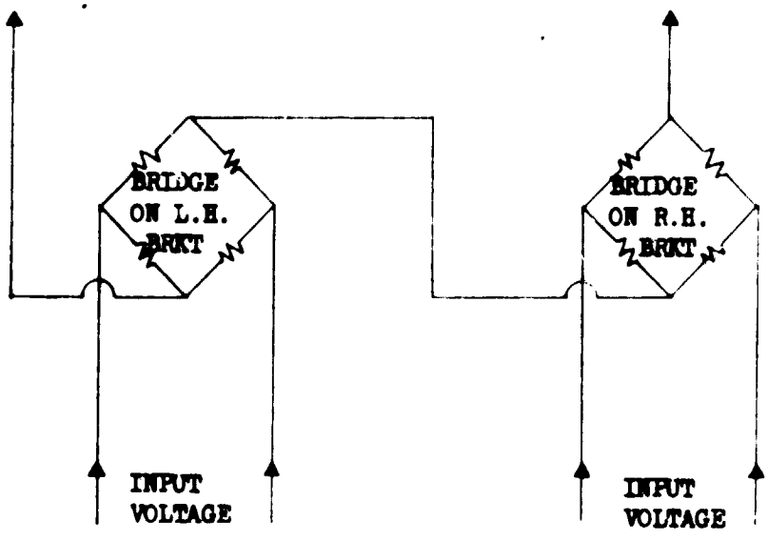




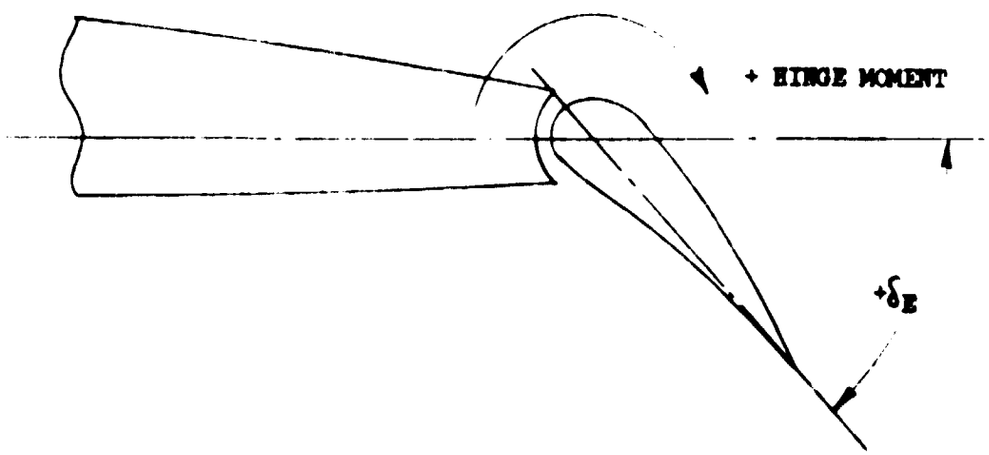
PITCH ANGLES

b. Model Attitude Definition
Figure 1. - Continued.

OUTPUT VOLTAGE

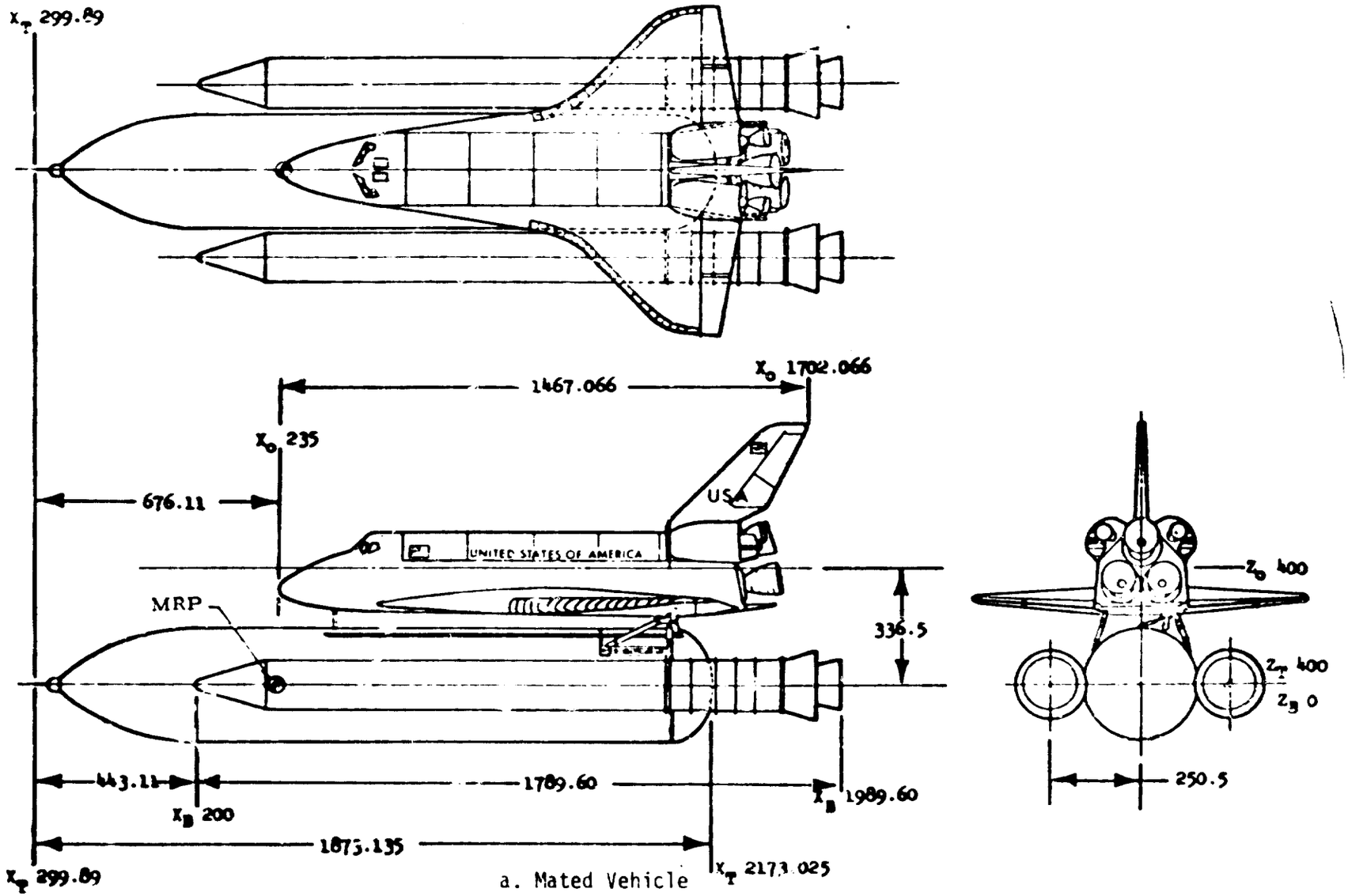


ELEVON HINGE MOMENT WIRING DIAGRAM
TYPICAL FOR INBOARD AND OUTBOARD ELEVONS



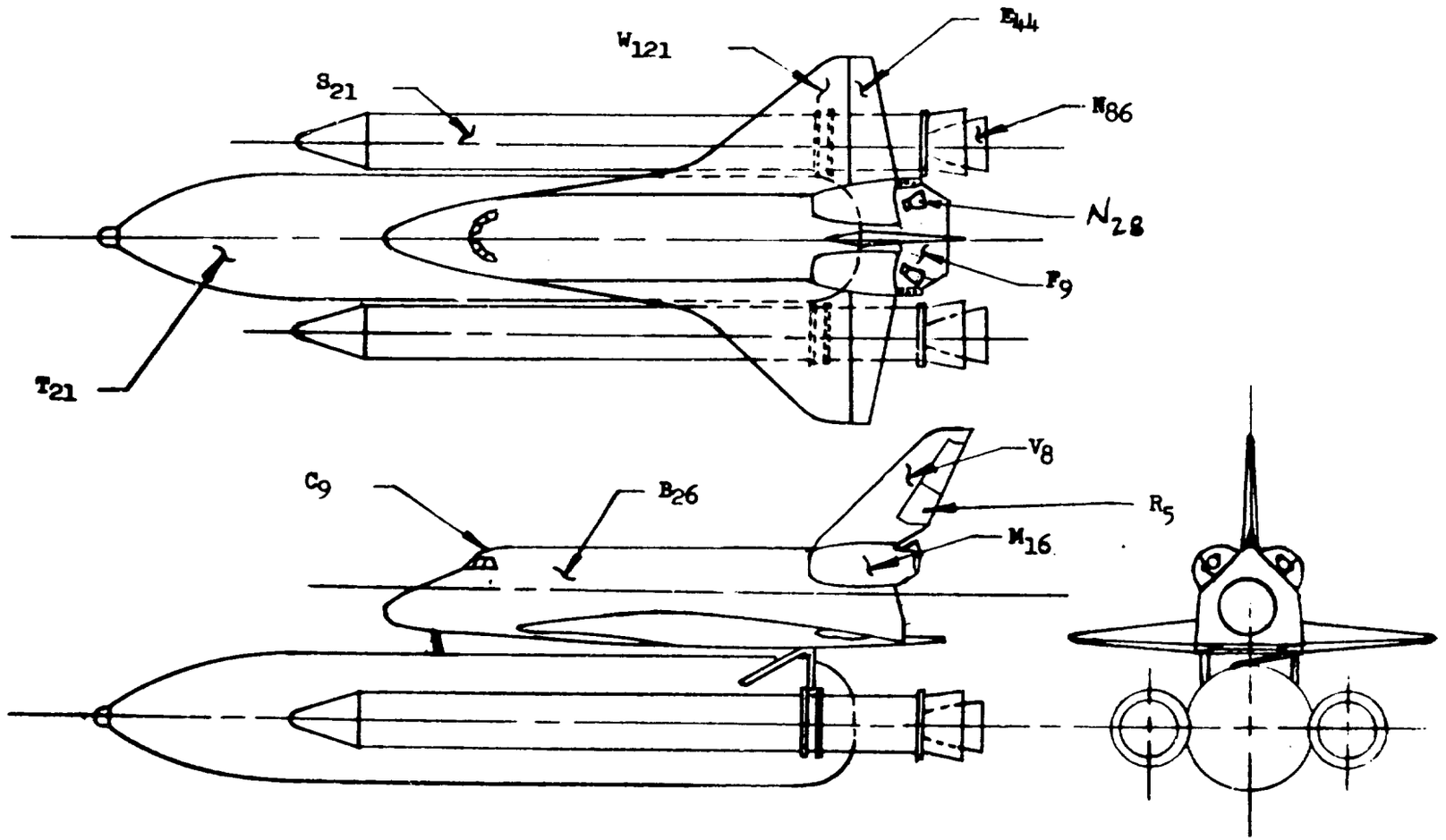
c. Elevon Electrical Hookup and Sign Conventions

Figure 1. - Concluded.



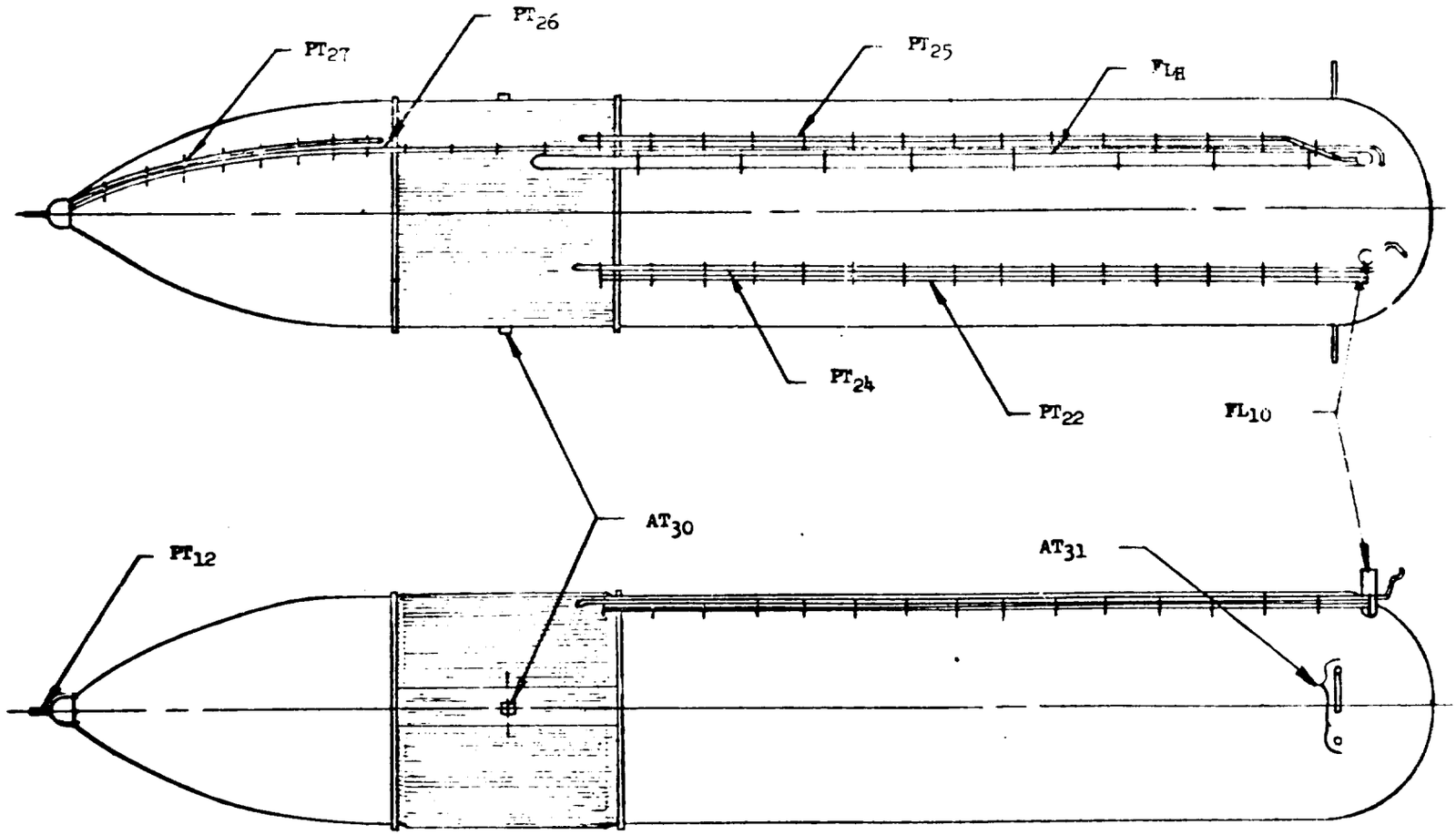
a. Mated Vehicle

Figure 2. - Model sketches.



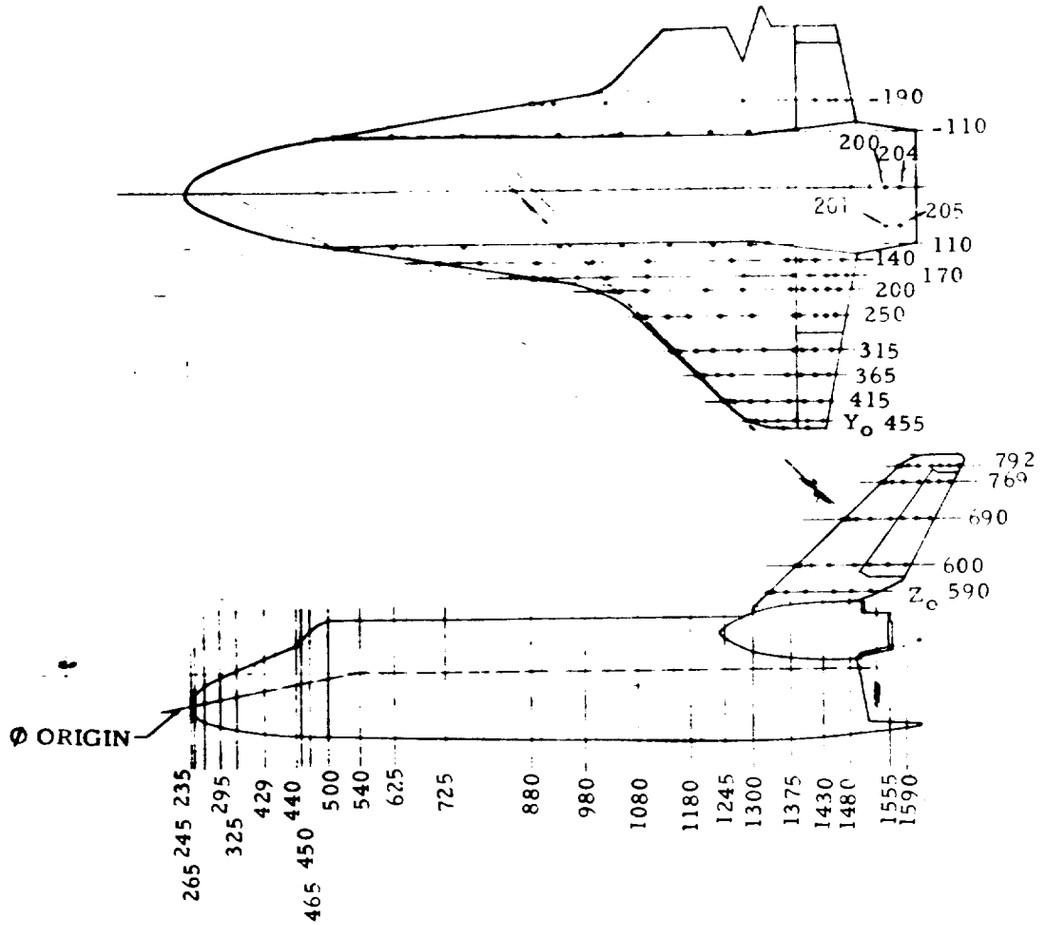
b. LVA Integrated Vehicle Three View

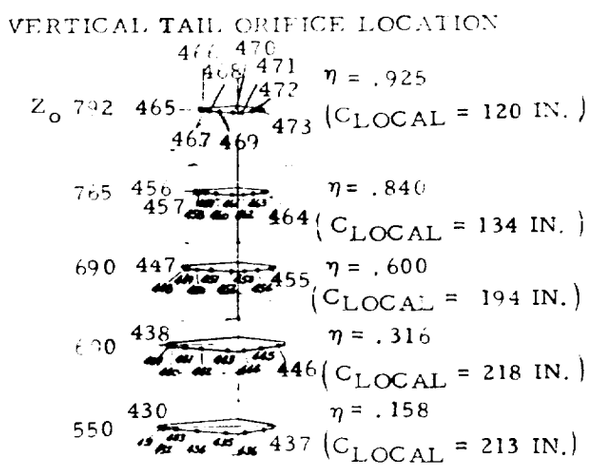
Figure 2. - Continued.

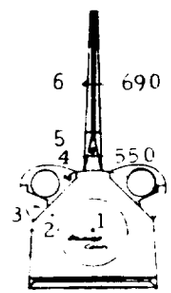


c. (T_{28}) External Tank Protuberances

Figure 2. - Continued.



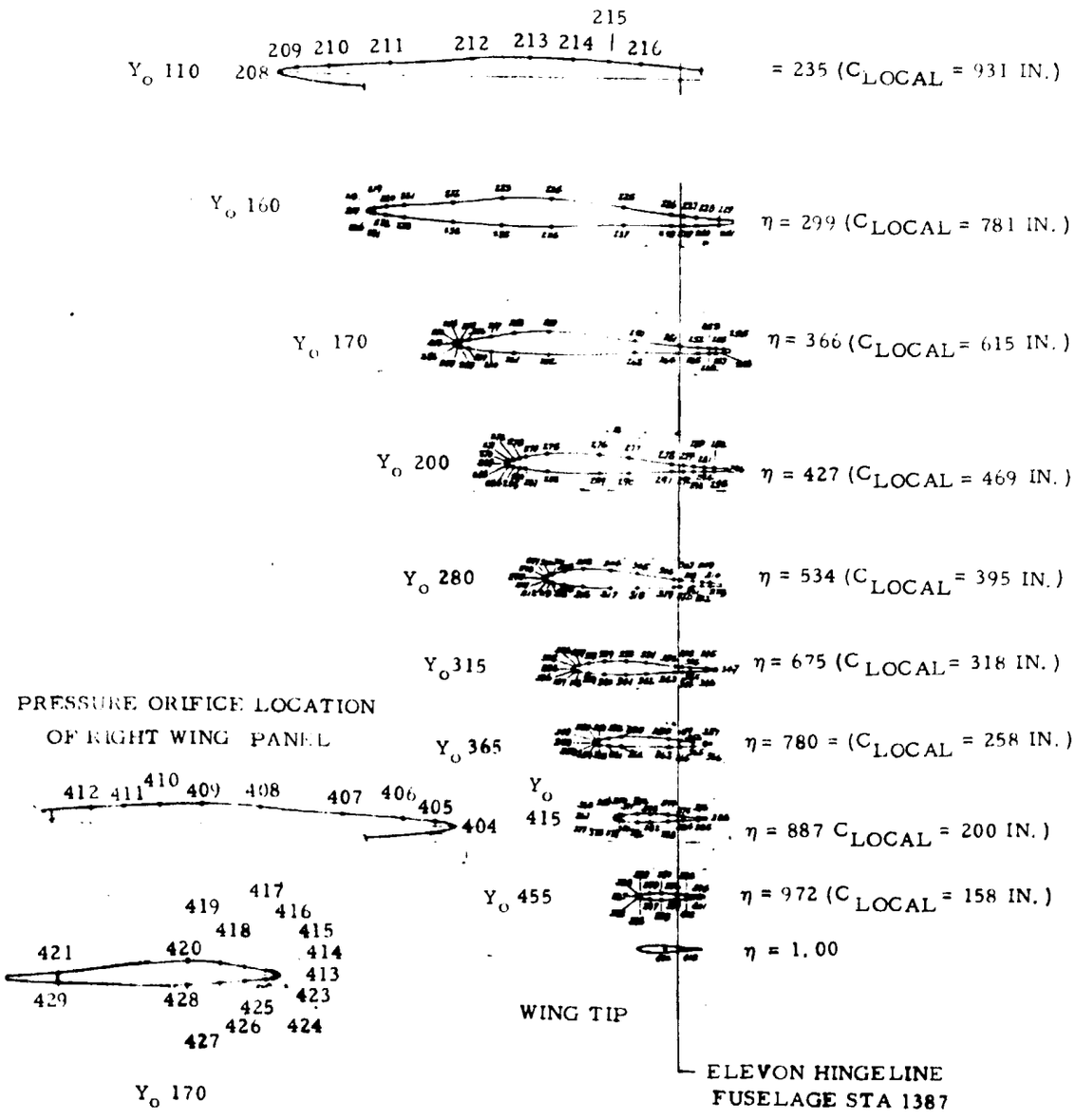




ORBITER BASE
VIEW LOOKING FORWARD

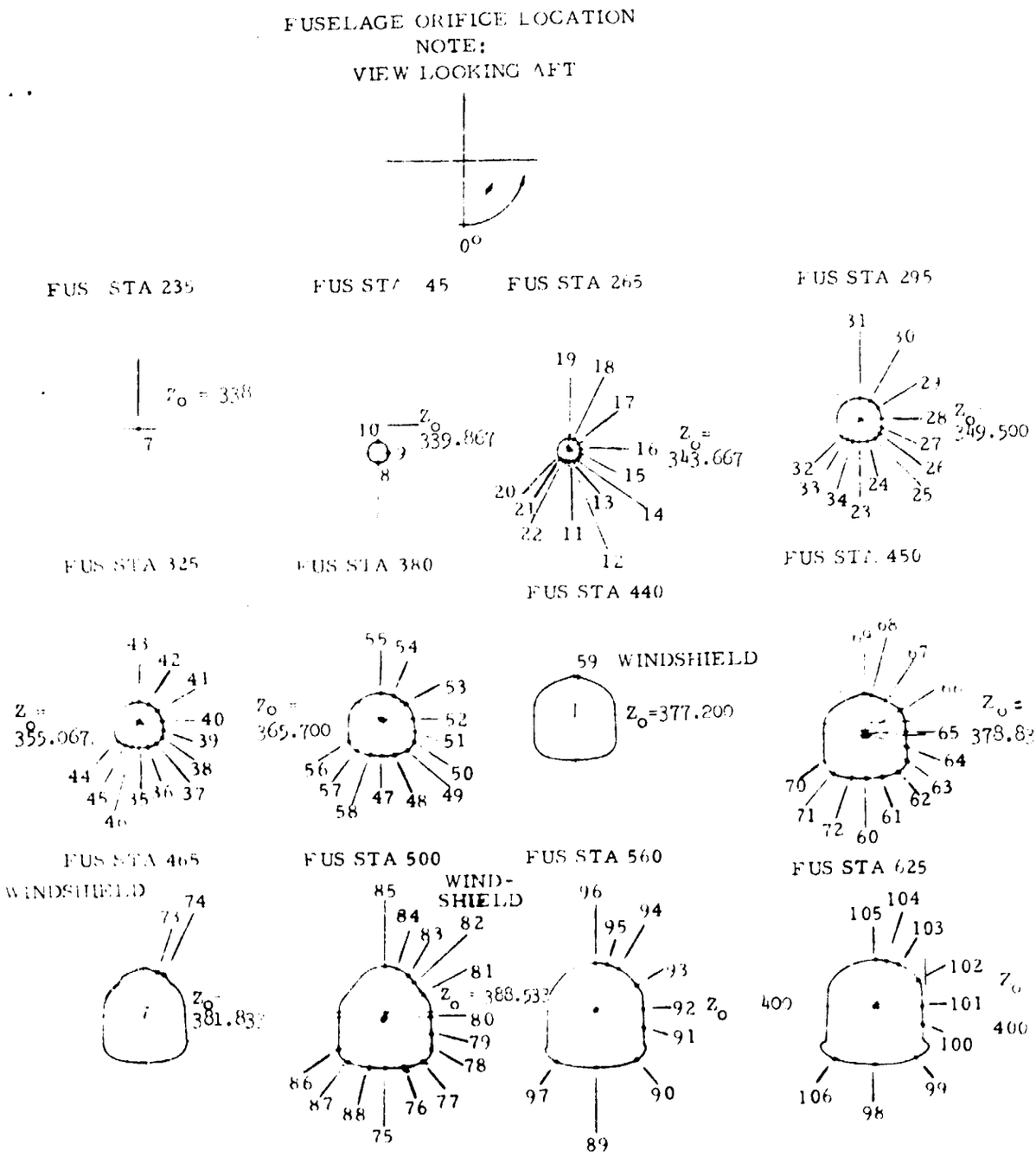
d. Orbiter Upper Wing and Vertical Tail Pressure Tap Locations

Figure 2. - Continued.



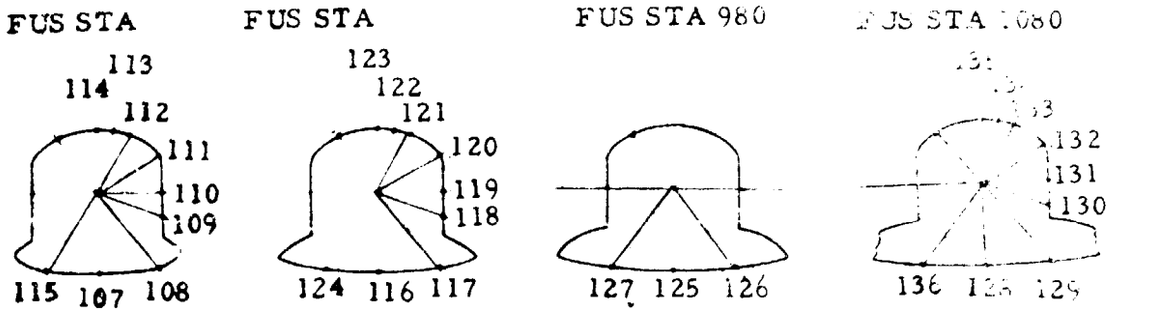
e. Orbiter Wing Pressure Tap Locations

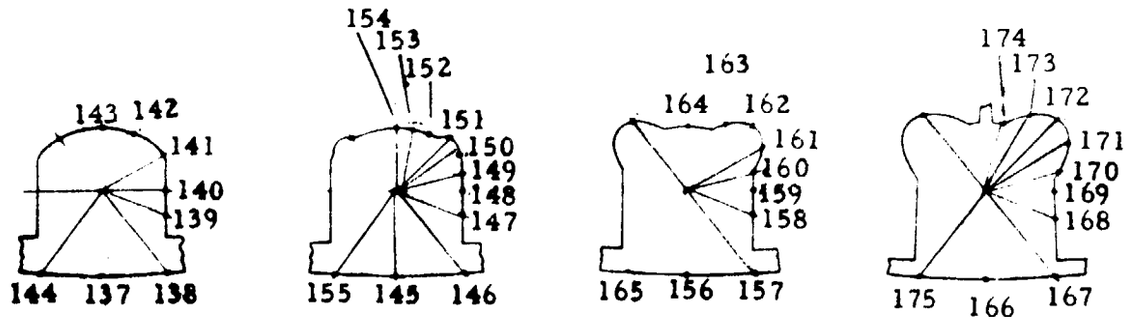
Figure 2. - Continued.

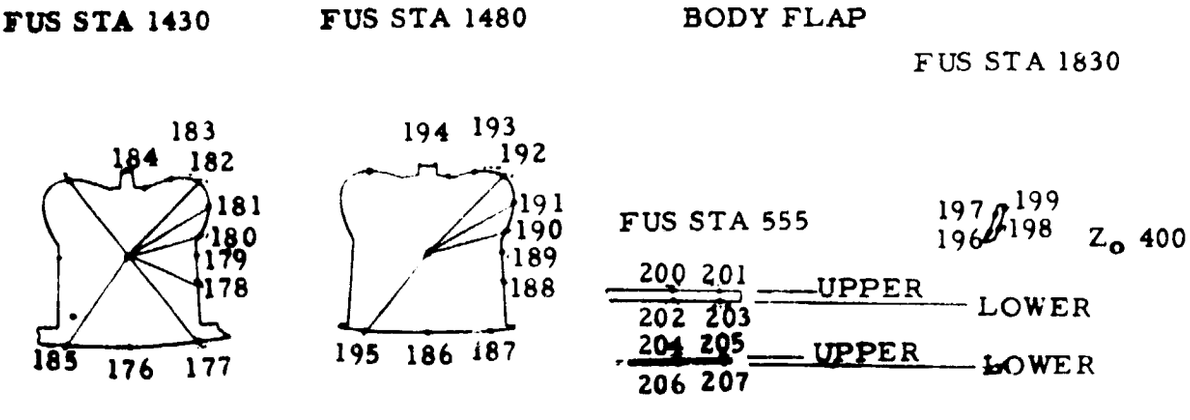


f. Orbiter Forward Fuselage Pressure Tap Locations

Figure 2. - Continued.

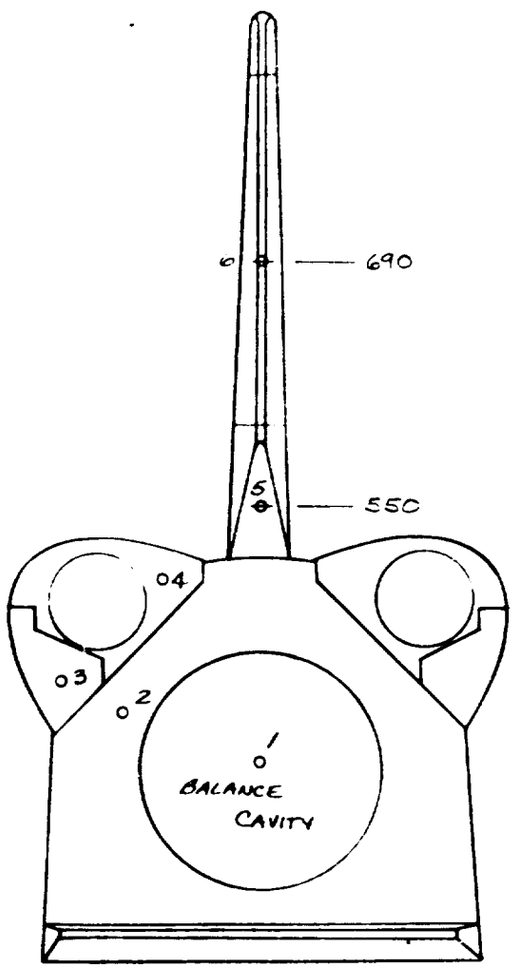






g. Orbiter Aft Fuselage Pressure Tap Locations

Figure 2. - Continued.



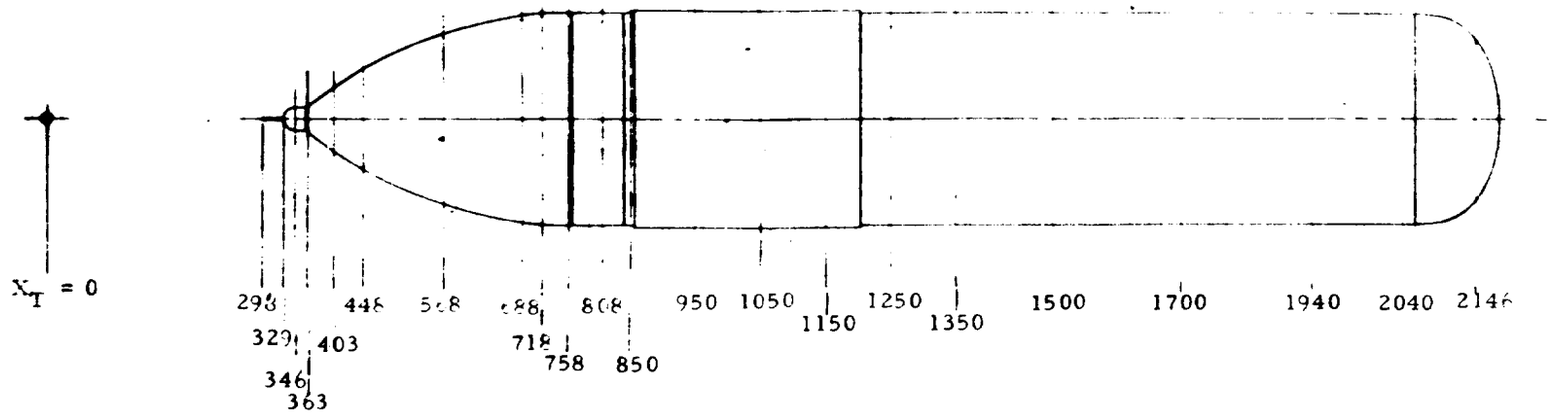
ORBITER BASE PRESSURE TAPS

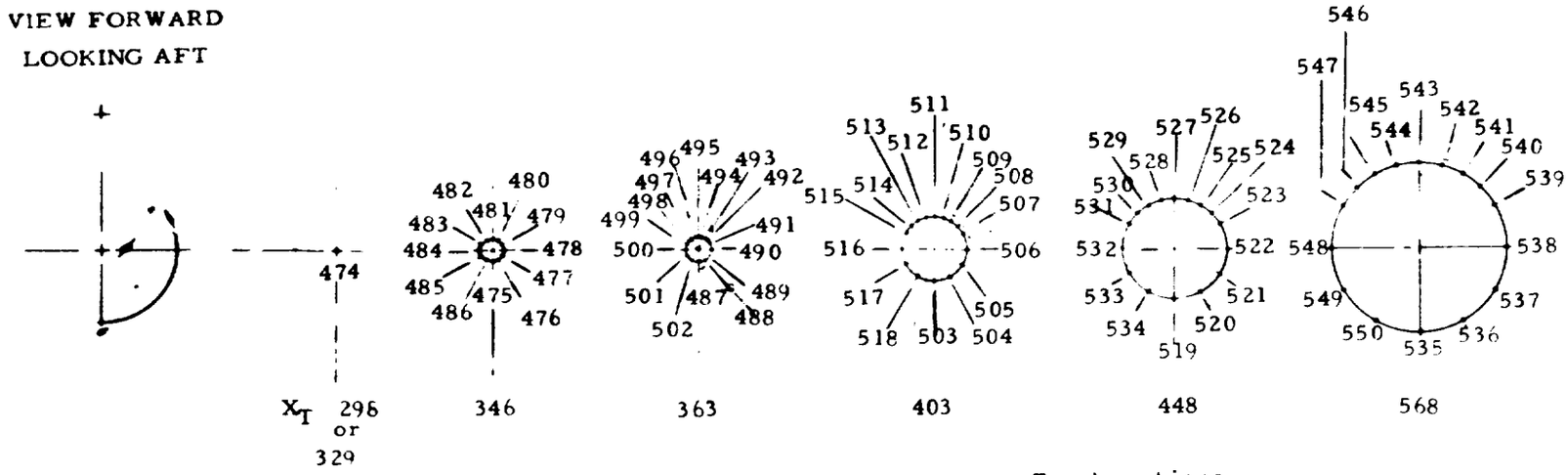
BODY FLAP PRESSURE TAP NUMBERS

ORBITER ~ X_O			$\phi \sim 066.$			
FULL SCALE	MODEL SCALE	X_O/L_O	0	40	NO TAPS	Σ NO TAPS
1555_U	46.65		200	201	2	2
1555_L	46.65		202	203	2	4
1590_U	47.70		204	205	2	6
1590_L	47.70		206	207	2	8

h. Orbiter Base Pressure Tap Locations

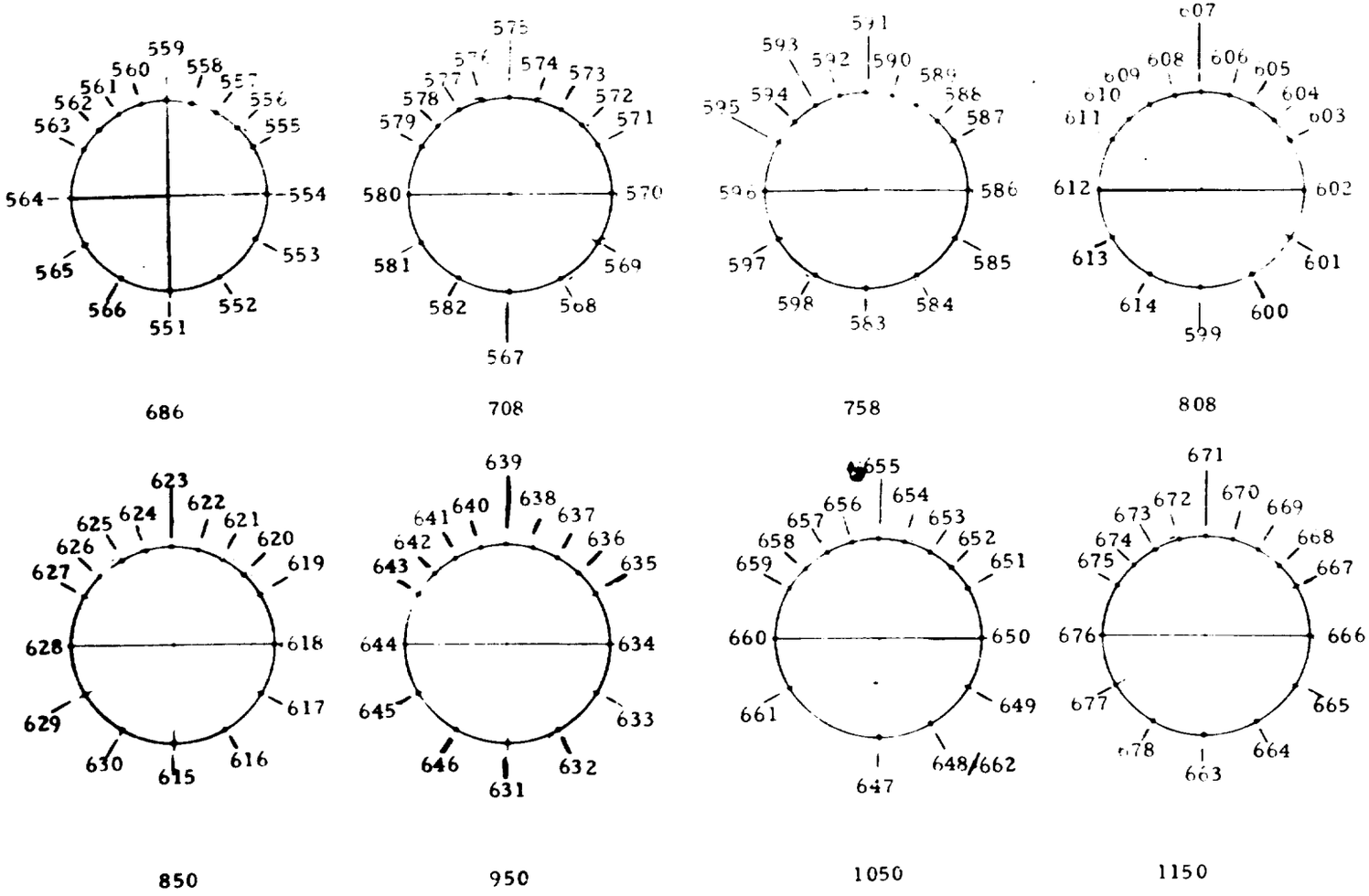
Figure 2. - Continued.





i. External Tank Forward Pressure Tap Locations

Figure 2. - Continued.

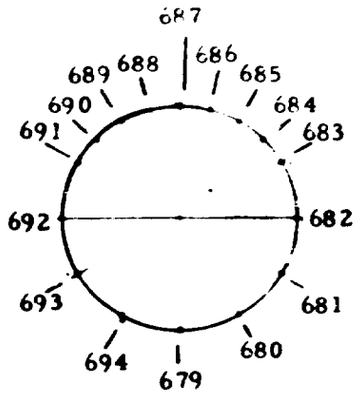


686 708 758 808

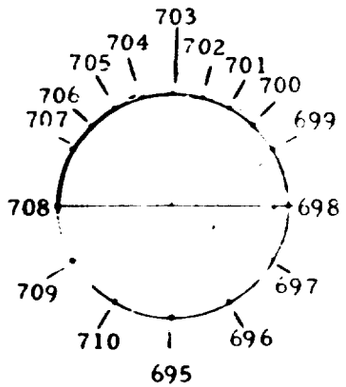
850 950 1050 1150

j. External Tank Mid Pressure Tap Locations

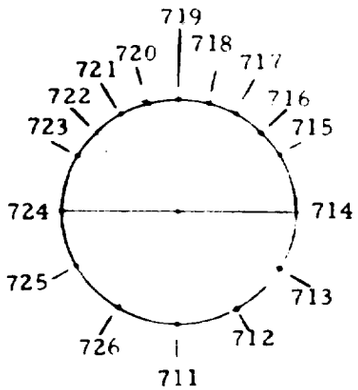
Figure 2. - Continued.



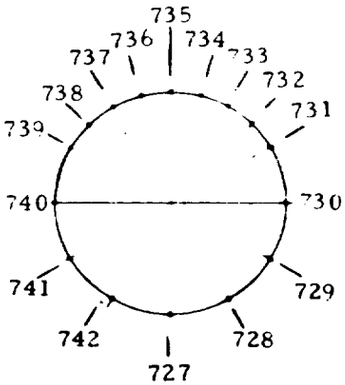
1250



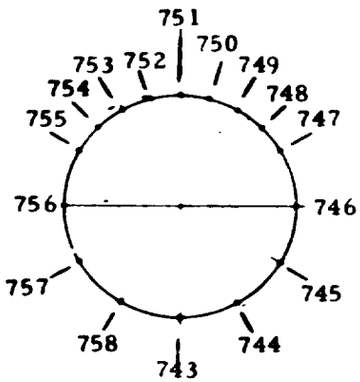
1350



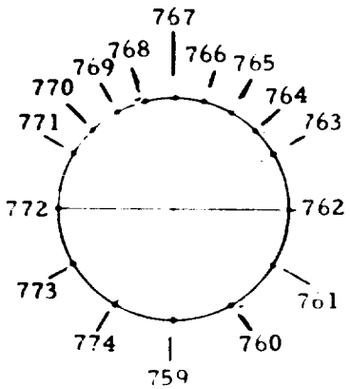
1500



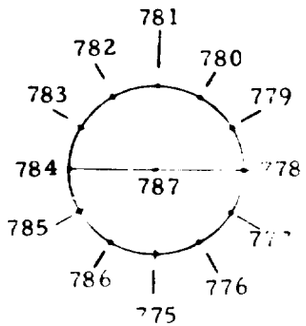
1700



1900

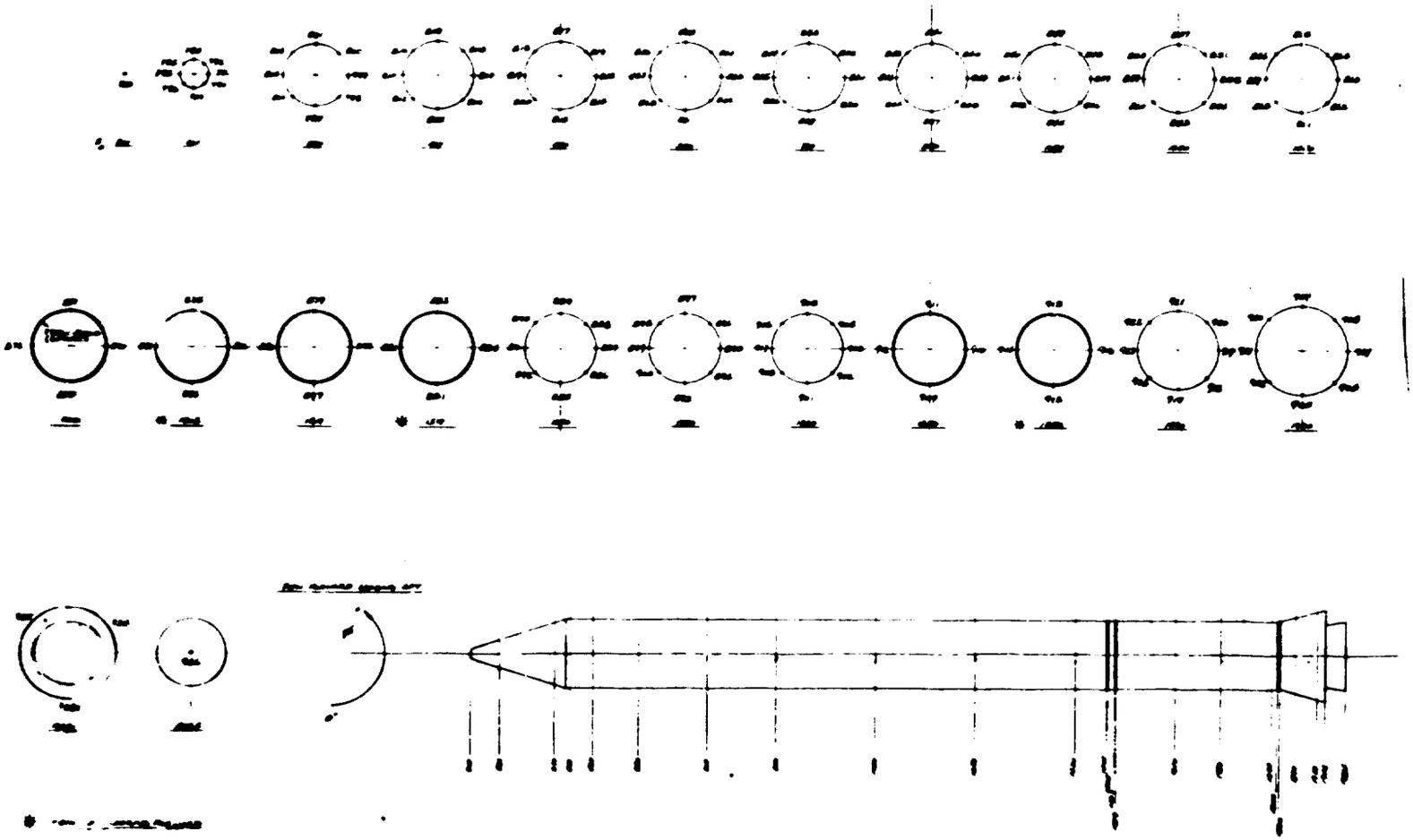


2040



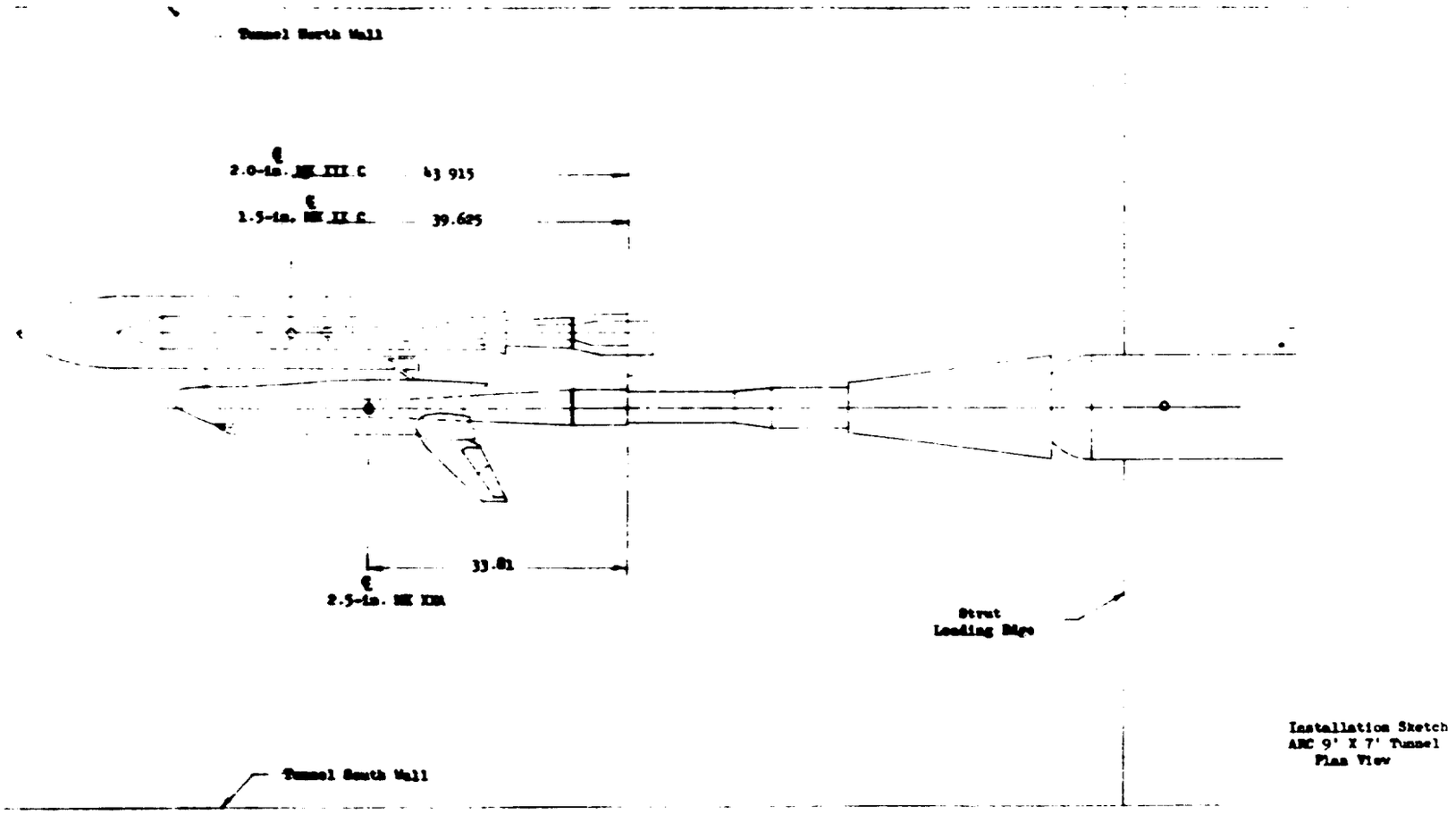
k. External Tank Aft Pressure Tap Locations

Figure 2. - Continued.



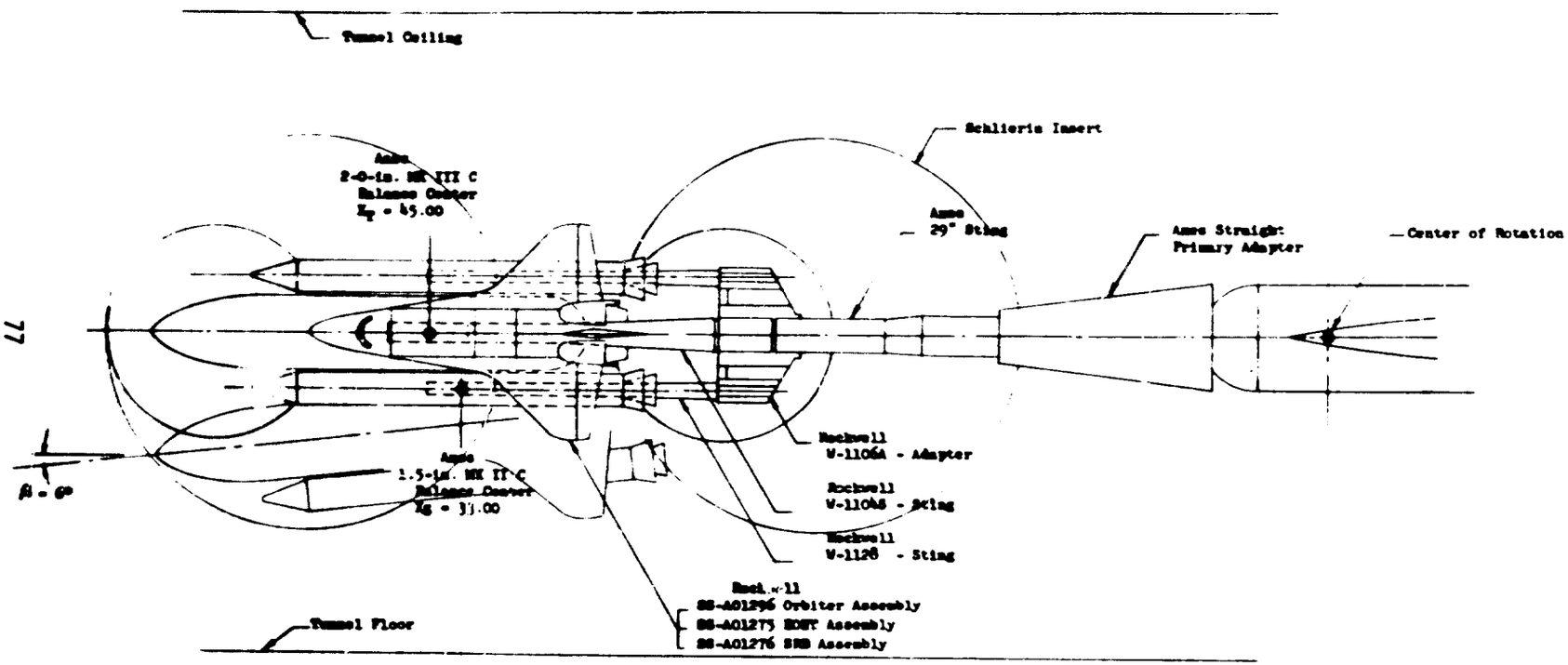
1. SRB Pressure Tap Locations

Figure 2. - Continued.



m. Model Installation Side View

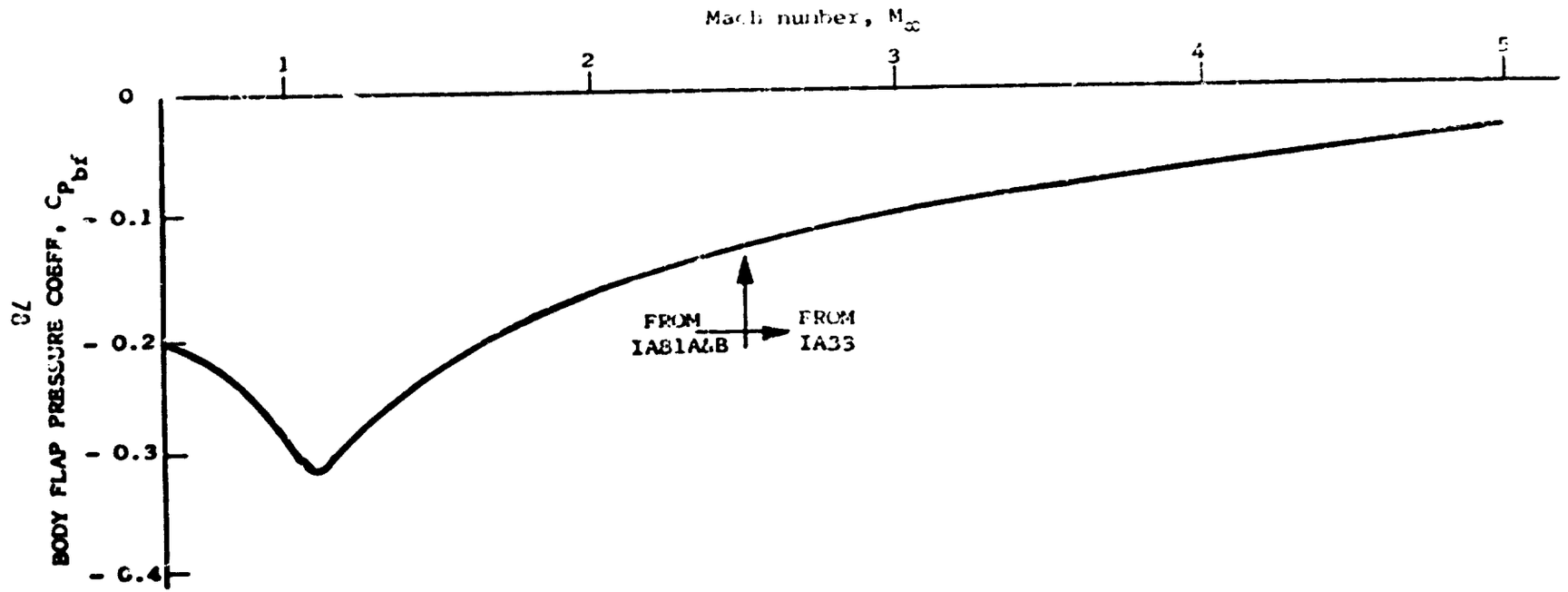
Figure 2. - Continued.



Installation Sketch
ARC 9' X 7' Tunnel
Side View Looking North

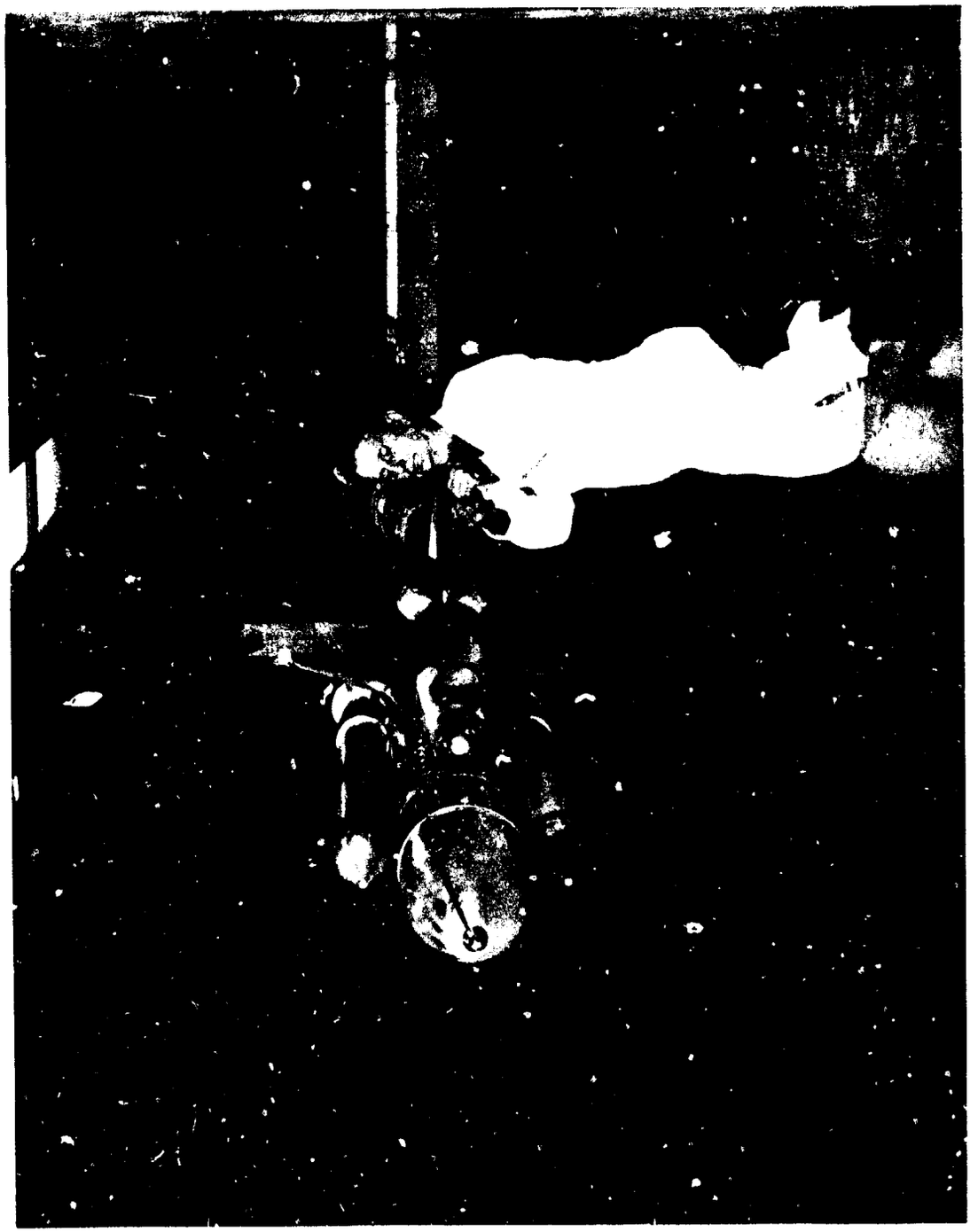
n. Model Installation Top View

Figure 2. - Continued.



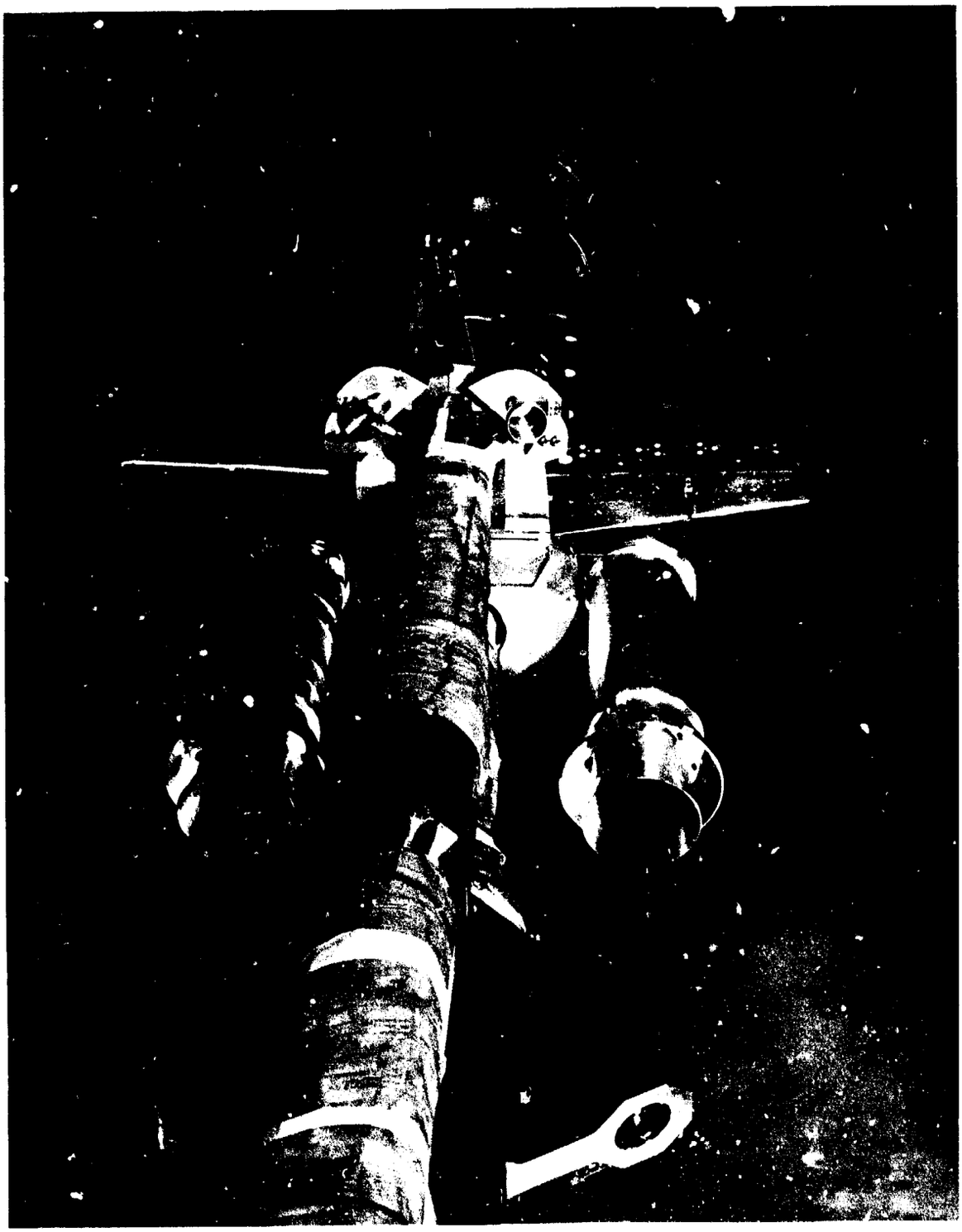
o. Orbiter Body Flap Pressure Coefficients

Figure 2. - Concluded.



a. Side View

Figure 3. - Model photographs.



b. Rear View

Figure 3. - Concluded.

APPENDIX

TABULATED SOURCE DATA

VOLUME 1		(Force)
VOLUME 3	Pages 1-728	(Pressure)
VOLUME 4	Pages 729-1459	(Pressure)
VOLUME 5	Pages 1460-2163	(Pressure)

Tabulations of plotted data may be obtained from Data Management Services upon request.

ARC87-018 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU30) (12 OCT 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 978.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.500 RN/FT = 3.000
ELV-IB = .000 ELV-OB = .000
RUDDER = .000 SPOBRK = 65.000

BETAO (1) = .230 ALPHAO(1) = -6.381

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0909	.0586	-.0263	.3163	.6946	.5900	.8163	.6341	-.0713	
.010		.0571	-.0114	.3272	.5698	.5785	.6358	.5965		
.020		.0498	-.0023	.2897	.4923	.5040	.5643	.5724	.0700	
.040			.0014	.2189						
.041	.0559									
.050		.0508			.3288	.3568	.4089	.4378		
.069										
.080					.2151				.0551	
.081				.1498						
.086			.0618							
.094		.0379								
.113	.0706									
.150					.0495	.1235	.1718	.2444		
.157										
.163			.1104						-.0002	
.177				.0571						
.229		.0123								
.246			.0311							
.247	.0376									
.250					-.0196	.0181	.0458	.1152		
.274				.0223						
.345										
.362		.0331							-.0313	
.390			-.0463							
.400					-.0809	-.0655		-.0176		
.402				-.0580						
.418										
.429	.0054									-.1216
.497		-.0190								
.503										
.547	.0009								-.0438	
.550					-.1072	-.0957				
.565				-.0716						
.600								-.0789		
.637			-.0934							
.638	-.0381									
.650							-.0930			
.670									-.0734	

APC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU30)

BETAO (1) = .230 ALPHAO(1) = -6.381

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.0473				-.1023				
.725					-.1120					
.727	-.0424									
.730										-.1386
.750							-.0897	-.0911		
.760				-.0149						
.775					-.0902	-.0957				
.793	.0319									
.798			-.0041							
.808				.0211						
.834		.0629								
.839			.0223							
.850					-.0518	-.0667	-.0867			
.857				.0270						
.862									-.0618	
.865		.0712								
.879			.0348							
.900		.0897			-.0085			-.0724		
.905				.0172						
.919			.0000							
.950					.0208	-.0673	-.0671			
.953				.0415						
.955			.0812							
.965		.1156								
1.000				-.0970		-.0725		-.1084		

BETAO (1) = .215 ALPHAO(2) = -4.330

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0738	.0313	-.0236	.3090	.8593	.8183	.6292	.6572	-.0271	
.010		.0375	-.0143	.2979	.5534	.5769	.6148	.5830		
.020		.0367	-.0074	.4440	.4690	.5005	.5388	.5548	.0884	
.040			-.0053	.1825						
.041	.0358									
.050		.0361			.2998	.3445	.3866	.5548		
.069									.0854	
.080					.1808					
.081				.1134						
.086			.0322							
.094		.0200								
.113	.0474									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU30)

BETAO (1) = .215 ALPHAO(2) = -4.330

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.150					.0272	.0982	.1599	.2322		
.157									.0654	
.163			.0783							
.177				.0223						
.229		-.0088								
.246			.0073							
.247	.0230									
.250					-.0367	-.0030	.0341	.1099		
.274				-.0166						
.345									-.0283	
.362		.0004								
.390			-.0574							
.400					-.0950	-.0877		-.0135		
.402				-.0784						
.418										-.0696
.429	-.0160									
.497		-.0482								
.503									-.0716	
.547	-.0231									
.550					-.1147	-.1061				
.555				-.0983						
.600								-.0727		
.637			-.1042							
.638	-.0561									
.650							-.1066			
.670									-.0716	
.700		-.0695				-.1151				
.725					.1179					
.727	-.0561									
.730										-.0927
.750							-.1057	-.0873		
.760				-.0357						
.775					-.0991	-.1049				
.793	-.0588									
.798			2.4314							
.808				-.0093						
.834		.0235								
.839			-.0059							
.850					-.0578	-.0612	-.1038			
.857				-.0049						
.862									-.0622	
.865		.0308								
.879			.0082							
.900		.0499			-.0229			-.0738		
.905				.0057						

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU30)

BETAO (1) = .215 ALPHAO(2) = -4.330

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.919			.0244							
.950					.0039	-.0754	-.0880			
.953				.0145						
.955			.0408							
.965		.0893								
1.000				-.0814		-.0795		-.1226		

BETAO (1) = .182 ALPHAO(3) = -.118

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0494	-.0149	-.0545	.2826	.7263	.6557	.6797	.6710	.0478	
.010		-.0223	-.0470	.2684	.5004	.5573	.5905	.3264		
.020		-.0267	-.0408	.2172	.3959	.4632	.5020	.4902	.0924	
.040			-.0378	.1348						
.041	-.0001									
.050		-.0119			.2188	.2992	.3355	.3465		
.069									.0616	
.080					.1176					
.081				.0517						
.086			-.0055							
.094		-.0189								
.113	-.0069									
.150					-.0219	.0575	.1089	.1498		
.157									-.0068	
.163			.0160							
.177				-.0511						
.229		-.0478								
.246			-.0545							
.247	-.0184									
.250					-.0842	-.0418	-.0084	.0338		
.274				-.0850						
.345									-.0445	
.382		-.0532								
.390			-.1124							
.400					-.1309	-.1233		-.0793		
.402				-.1348						
.418										-.0042
.429	-.0819									
.487		-.0939								
.503									-.0627	
.547	-.0714									

ARC87-019 1A81 LVAP(ALLHL SCALED) LEFT WING TOP (RETU30)

BETAO (1) = .182 ALPHAO(3) = -.118

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.1498	-.1424				
.585				-.1504						
.600								-.1304		
.637			-.1411							
.638	-.0980									
.650							-.1368			
.670									-.0903	
.700		-.1054				-.1532				
.725					-.1498					
.727	-.0983									
.730										-.0408
.750							-.1400	-.1428		
.760				-.0900						
.775					-.1268	-.1498				
.793	.0062									
.798			-.0903							
.808				-.0776						
.834		-.0348								
.839			-.0721							
.850					-.0751	-.1187	-.1403			
.857				-.0768						
.862									-.0868	
.865		-.0278								
.879			-.0512							
.900		-.0115			-.0622			-.1298		
.905				-.0625						
.919			-.0288							
.950					-.0470	-.1095	-.1315			
.953				-.0870						
.975			-.0087							
.985		.0233								
1.000				-.1075		-.0943		-.1347		

BETAO (1) = .186 ALPHAO(4) = 4.056

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0278	-.0480	.0032	.2860	.7528	.7030	.7348	.7325	.1115	
.010		-.0592	-.0084	.2353	.4799	.5443	.5669	.4813		
.020		-.0651	-.0075	.1770	.3761	.4354	.4345	.4393	.0924	
.040			-.0034	.0891						
.041	-.0310									

ARC87-018 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU30)

BETAO (1) = .188 ALPHAO(4) = 4.068

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2360	.2980	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.050		-.0518			.2053	.2601	.2908	.2888		
.069									.0536	
.080					.1071					
.081				.0147						
.088			.0198							
.094		-.0543								
.113	-.0471									
.150					-.0359	.0205	.0692	.1000		
.157									-.0232	
.163			.0038							
.177				-.0770						
.229		-.0869								
.246			-.0817							
.247	-.0533									
.250					-.1042	-.0715	-.0364	-.0058		
.274				-.1163						
.345									-.0576	
.362		-.0851								
.390			-.1494							
.400					-.1577	-.1472		-.1046		
.402				-.1623						
.418										.0198
.429	-.0824									
.497		-.1199								
.503									-.0884	
.547	-.0768									
.550					-.1687	-.1844				
.565				-.1781						
.600								-.1480		
.637			-.1638							
.638	-.1080									
.650							-.1457			
.670									-.1229	
.700		-.1267				-.1752				
.725					-.1559					
.727	-.1080									
.730										-.0748
.750							-.1514	-.1575		
.760				-.1479						
.775					-.1321	-.1582				
.793	-.0024									
.798			-.1348							
.808				-.1438						
.834		-.0590								
.839			-.1253							

ARC97-019 IA81 LVAP(ALLML SEALED) LEFT WING TOP (RETU30)

BETAO (1) = .188 ALPHAO(4) = 4.058

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.950					-.1117	-.1453	-.1525			
.857				-.1417						
.862									-.1232	
.865		-.0408								
.879			-.1007							
.900		-.0367			-.0992			-.1457		
.905				-.1035						
.919			-.0583							
.950					-.0879	-.1038	-.1447			
.953				-.1257						
.955			-.0184							
.965		-.0226								
1.000				-.1382		-.1127		-.1355		

BETAO (1) = .209 ALPHAO(5) = 8.267

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.000	-.0125	-.0685	-.0060	.3216	.7699	.8962	.7507	.7678	.1604	
.010		-.0843	-.0254	.2367	.4440	.4809	.4882	.3987		
.020		-.0899	-.0252	.1664	.3352	.3767	.3835	.3515	.0664	
.040			-.0219	.0737						
.041	-.0688									
.050		-.0838			.1710	.2162	.2160	.1994		
.069									.0309	
.080					.0803					
.081				-.0018						
.086			-.0024							
.094		-.0828								
.113	-.0937									
.150					-.0588	-.0084	.0237	.0313		
.157									-.0468	
.163			-.0195							
.177				-.0975						
.229		-.0642								
.246			-.0981							
.247	-.0873									
.250					-.1143	-.0938	-.0630	-.0551		
.274				-.1340						
.345									-.0897	
.362		-.0718								
.390			-.1583							

ARC97-019 1A3: LVAP(ALLHL SEALED) LEFT WING TOP (RETU30)

BETAO (1) = .200 ALPHAO(5) = 8.267

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/B/2	.2350	.2890	.3849	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.400					-.1600	-.1552		-.1329		
.402				-.1728						
.418										-.0507
.429	-.0703									
.497		-.1241								
.503									-.1189	
.547	-.077.									
.550					-.1716	-.1763				
.565				-.1844						
.600								-.1844		
.637			-.1775							
.638	-.1204									
.650							-.1559			
.670									-.1608	
.700		-.1454				-.1661				
.725					-.1800					
.727	-.1251									
.730										-.1660
.750							-.1819	-.1712		
.760				-.1736						
.775					-.1762	-.1780				
.793	-.1175									
.798			-.1848							
.808				-.1684						
.834		-.1381								
.839			-.1560							
.850					-.1843	-.1748	-.1622			
.857				-.1955						
.862									-.1763	
.885		-.1284								
.879			-.1458							
.900		-.0875			-.1438			-.1582		
.905				-.1188						
.919			-.1358							
.950					-.1149	-.2011	-.1550			
.953				-.1893						
.955			-.1152							
.965		-.0208								
1.000				-.1486		-.1414		-.1034		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU30)

BETAO (I) = .218 ALPHAO(8) = 10.355

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2900	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/C										
.000	-.0381	-.0813	-.0290	.3329	.7438	.7809	.8130	.8011	.1570	
.010		-.1030	-.0544	.2362	.4090	.4953	.4909	.3697		
.020		-.1118	-.0544	.1627	.3021	.3719	.3787	.3194	.0308	
.040			-.0470	.0662						
.041	-.0875									
.050		-.1038			.1380	.1912	.2022	.1668		
.069									.0089	
.080					.0781					
.081				-.3111						
.098			-.0081							
.094		-.0814								
.113	-.1695									
.150					-.0510	-.0216	.0042	.0085		
.157									-.0643	
.163			-.0270							
.177				-.1032						
.229		-.0850								
.245			-.0988							
.247	-.0988									
.250					-.1058	-.1007	-.0781	-.0750		
.274				-.1372						
.345									-.1118	
.362		-.0700								
.390			-.1577							
.400					-.1420	-.1585		-.1432		
.402				-.1732						
.418										-.0883
.429	-.0718									
.497		-.1199								
.503									-.1385	
.547	-.0749									
.550					-.1574	-.1731				
.585				-.1805						
.600								-.1717		
.637			-.1782							
.638	-.1224									
.650							-.1598			
.670									-.1779	
.700		-.1481				-.1810				
.725					-.1587					
.727	-.1287									
.730										-.1779
.750							-.1653	-.1781		
.760				-.1732						
.775					-.1554	-.1780				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU30)

BETAO (1) = .218 ALPHAO(8) = 10.355

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

X/CW \ Y/BW	.2350	.2990	.3840	.4270	.5340	.8730	.7800	.8870	.9720	1.0000
.783	-.1244									
.798			-.1662							
.808				-.1889						
.834		-.1415								
.838			-.1800							
.850					-.1448	-.1700	-.1839			
.857				-.1885						
.862									-.1879	
.865		-.1336								
.879			-.1521							
.900		-.1078			-.1314			-.1881		
.905				-.1238						
.919			-.1441							
.950					-.1084	-.1822	-.1887			
.953				-.1752						
.958			-.1287							
.985		-.0478								
1.000				-.1957		-.1415		-.1014		

ARC97-019 IABI LVAP(ALUM. SEALED) LEFT WING TOP (RETU31) (12 OCT 74)

REFERENCE DATA

SREF = 8888.8888 SQ.FT. XMRP = 878.8888 IN. XT
LREF = 1287.8888 INCHES YMRP = .8888 IN. YT
BREF = 1287.8888 INCHES ZMRP = 488.8888 IN. ZT
SCALE = .8388 SCALE

PARAMETRIC DATA

MACH = 8.288 RN/FT = 3.888
ELV-IB = .888 ELV-OB = .888
RUDDER = .888 SPOBRK = 88.888

BETAO (1) = -.117 ALPHAO(1) = -8.483

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2888	.3848	.4278	.5348	.6738	.7888	.8878	.9728	1.8888
X/CM										
.888	.8534	.8361	.8811	.2855	.6583	.6878	.5855	.5742	-.1182	
.818		.8427	.8568	.3138	.5673	.5938	.5888	.5358		
.828		.8341	.8685	.2758	.4913	.5148	.5346	.5322	.8413	
.848			.8622	.2825						
.841	.8628									
.858		.8338			.3318	.3528	.3884	.4818		
.868									.8275	
.888					.2148					
.881				.1391						
.886			.8988							
.894		.8194								
.113	.8573									
.158					.8641	.1811	.1847	.2815		
.157									-.8315	
.163			.1371							
.177				.8472						
.228		.8883								
.246			.8531							
.247	.8118									
.258					-.8193	.8826	.8358	.8882		
.274				.1887						
.345									-.8613	
.362		.8717								
.388			-.8213							
.488					-.8618	-.8888		-.8718		
.482				-.8795						
.418										-.1832
.428	.8848									
.487		-.8857								
.583									-.8748	
.547	.8428									
.558					-.1238	-.1144				
.565				-.8932						
.688								-.1344		
.637			-.8787							
.628	-.8381									
.658							-.1173			
.678									-.1857	

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU31)

BETAO (1) = -.117 ALPHAO(1) = -6.403

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.0458				-.1256				
.725					-.1102					
.727	-.0335									
.730										-.2012
.750							-.1094	-.1438		
.760				-.0015						
.775					-.0768	-.1179				
.793	.1141									
.798			.0084							
.808				.0212						
.834		.0734								
.839			.0528							
.850					.0069	-.0509	-.1024			
.857				.0318						
.862									-.0869	
.865		.0585								
.879			.0724							
.900		.0855			.0294			-.1194		
.905				.0416						
.919			.0776							
.950					.0494	-.0477	-.0774			
.953				.0651						
.955			.0762							
.965		.1308								
1.000				-.1281		-.0747		-.1211		

BETAO (1) = -.139 ALPHAO(2) = -4.308

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0360	.0106	.0577	.2951	.6192	.6168	.5830	.6016	-.0830	
.010		.0156	.0483	.3047	.4789	.5741	.5774	.5324		
.020		.0073	.0445	.2476	.4169	.4925	.5062	.5053	.0505	
.040			.0481	.1621						
.041	.0288									
.050		.0081			.2771	.3377	.3567	.3648		
.069									.0288	
.080					.1918					
.081				.0870						
.086			.0775							
.094		-.0087								
.113	.0281									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU31)

BETAO (1) = -.139 ALPHAO(2) = -4.308

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.150					.0366	.0777	.1392	.1721		
.157									-.0360	
.163			.0964							
.177				-.0004						
.229		-.0326								
.246			.0126							
.247	-.0106									
.250					-.0378	-.0355	.0118	.0439		
.274				-.0359						
.345									-.0723	
.362		.0278								
.390			-.0583							
.400					-.0972	-.1196		-.0913		
.402				-.1104						
.418										-.1369
.429	-.0313									
.497		-.0359								
.503									-.0879	
.547	.0134									
.550					-.1272	-.1441				
.565				-.1140						
.600								-.1516		
.637			-.0982							
.638	-.0545									
.650							-.1391			
.670									-.1204	
.700		-.0705				-.1467				
.725					-.1161					
.727	-.0616									
.730										-.1584
.750							-.1351	-.1618		
.760				-.0348						
.775					-.0886	-.1404				
.793	.0727									
.798			-.0209							
.809				-.0124						
.834		.0352								
.839			.0121							
.850					-.0238	-.0768	-.1313			
.857				-.0036						
.862									-.1061	
.865		.0267								
.879			.0294							
.900		.0440			.0040			-.1411		
.905				.0023						

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU31)

BETAO (1) = -.139 ALPHAO(2) = -4.308

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.919			.0401							
.950					.0288	-.0843	-.1095			
.953				.0272						
.955			.0519							
.985		.0860								
1.000				-.1397		-.0979		-.1377		

BETAO (1) = -.174 ALPHAO(3) = -.147

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0070	-.0379	.0204	.2847	.7038	.6525	.6440	.6466	.0020	
.010		-.0368	.0071	.2431	.4921	.5421	.5643	.4909		
.020		-.0415	.0063	.1704	.3980	.4493	.4737	.4568	.0600	
.040			.0068	.0883						
.041	-.0289									
.050		-.0332			.2221	.2833	.3094	.3100		
.069									.0284	
.080					.1119					
.081				.0211						
.086			.0350							
.094		-.0398								
.113	-.0284									
.150					-.0463	.0339	.0844	.1122		
.157									-.0483	
.163			.0319							
.177				-.0873						
.229		-.0681								
.246			-.0615							
.247	-.0492									
.250					-.1248	-.0743	-.0357	-.0058		
.274				-.1034						
.345									-.0887	
.382		-.0402								
.390			-.1139							
.400					-.1738	-.1625		-.1275		
.402				-.1515						
.418										-.0483
.429	-.0781									
.497		-.0848								
.503									-.1098	
.547	-.0988									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU31)

BETAO (1) = -.174 ALPHAO(3) = -.147

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.1850	-.1854				
.565				-.1520						
.600								-.1810		
.637			-.1348							
.638	-.0903									
.650							-.1891			
.670									-.1464	
.700		-.1051				-.1973				
.725					-.1727					
.727	-.0947									
.730										-.0825
.750							-.1899	-.1909		
.760				-.0829						
.775					-.1324	-.1713				
.793	.0260									
.798			-.0797							
.808				-.0637						
.834		-.0204								
.839			-.0521							
.850					-.0891	-.1314	-.1715			
.857				-.0602						
.862									-.1382	
.865		-.0166								
.879			-.0364							
.900		-.0067			-.0645			-.1749		
.905				-.0608						
.919			-.0180							
.950					-.0422	-.1479	-.1605			
.953				-.0430						
.955			.0052							
.965		.0256								
1.000				-.1481		-.1138		-.1709		

BETAO (1) = -.187 ALPHAO(4) = 4.050

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0178	-.0719	-.0147	.3025	.7378	.8951	.8978	.8948	.0927	
.010		-.0805	-.0273	.2431	.4815	.5256	.5340	.4404		
.020		-.0856	-.0262	.1709	.3600	.4173	.4309	.3947	.0668	
.040			-.0213	.0752						

ARC87-019 IABI LVAP(ALLHL SEALED) LEFT WING TOP (RETU31)

BETAO (1) = -.187 ALPHAO(4) = 4.050

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.050		-.0717			.1823	.2387	.2585	.2449		
.089									.0248	
.080					.0754					
.081				-.0101						
.088			.0102							
.094		-.0608								
.113	-.0813									
.150					-.0813	-.0105	.0346	.0552		
.157									-.0574	
.183			-.0091							
.177				-.1154						
.229		-.0718								
.246			-.1037							
.247	-.0857									
.250					-.1548	-.1105	-.0746	-.0553		
.274				-.1548						
.345									-.1005	
.362		-.0680								
.390			-.1835							
.400					-.2044	-.1863		-.1575		
.402				-.2051						
.418										-.0073
.429	-.0788									
.497		-.1284								
.503									-.1298	
.547	-.0711									
.560					-.2181	-.2117				
.585				-.1977						
.600								-.2023		
.637			-.1888							
.638	-.1258									
.650							-.1908			
.670									-.1758	
.700		-.1418				-.2217				
.725					-.2184					
.727	-.1241									
.730										-.1260
.750							-.1932	-.2104		
.760				-.1940						
.775					-.1798	-.1971				
.793	-.0738									
.798			-.1886							
.800				-.1948						
.834		-.0880								
.838			-.1183							

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU31)

BETAO (1) = -.187 ALPHAO(4) = 4.050

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.850					-.1488	-.1908	-.1938			
.857				-.1231						
.862									-.1753	
.865		-.0553								
.879			-.0990							
.900		-.0213			-.1366			-.1937		
.905				-.1182						
.919			-.0673							
.950					-.1259	-.2383	-.1849			
.953				-.1085						
.955			-.0328							
.965		-.0026								
1.000				-.1737		-.1475		-.1503		

BETAO (1) = -.139 ALPHAO(5) = 8.292

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0546	-.0651	-.0212	.3273	.7733	.7248	.7448	.7337	.1445	
.010		-.3819	-.0385	.2291	.4292	.5027	.4773	.3614		
.020		-.0827	-.0344	.1516	.3212	.3891	.3720	.3126	.0311	
.040			-.0275	.0509						
.041	-.1084									
.050		-.0731			.1442	.2098	.2007	.1636		
.069									-.0013	
.080					.0409					
.081				-.0331						
.086			-.0052							
.094		-.0697								
.113	-.1291									
.150					-.0986	-.0377	-.0040	-.0054		
.157									-.0839	
.163			-.0275							
.177				-.1341						
.229		-.0659								
.248			-.1157							
.247	-.0960									
.250					-.1674	-.1324	-.0988	-.0987		
.274				-.1738						
.345									-.1345	
.362		-.0708								
.390			-.1783							

ARC97-019 1A81 LVAP(ALLML SEALED) LEFT WING TOP (RETU31)

BETAO (1) = -.139 ALPHAO(5) = 8.292

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.400					-.2149	-.2029		-.1821		
.402				-.2198						
.418										-.0988
.429	-.0848									
.497		-.1378								
.503									-.1684	
.547	-.0838									
.550					-.2291	-.2229				
.565				-.2231						
.600								-.2164		
.637			-.1968							
.638	-.1478									
.650							-.2020			
.670									-.2173	
.700		-.1700				-.2326				
.725					-.2340					
.727	-.1462									
.730										-.2284
.750							-.2065	-.2214		
.760				-.2089						
.775					-.2182	-.2306				
.793	-.1407									
.798			-.1800							
.808				-.1985						
.834		-.1585								
.839			-.1701							
.850					-.1932	-.2181	-.2063			
.857				-.1908						
.862									-.2335	
.865		-.1466								
.879			-.1596							
.900		-.1120			-.1780			-.2037		
.905				-.1708						
.919			-.1480							
.950					-.1562	-.2512	-.1963			
.953				-.1845						
.955			-.1182							
.965		-.0392								
1.000				-.1929		-.1893		-.1384		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU31)

BETAO (1) = -.118 ALPHAO(6) = 10.383

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0729	-.0802	-.0360	.3163	.7907	.7994	.8003	.7740	.1350	
.010		-.0983	-.0616	.2096	.4146	.5068	.4723	.3247		
.020		-.1074	-.0564	.1357	.3021	.3754	.3607	.2677	-.0143	
.040			-.0459	.0389						
.041	-.1251									
.050		-.0997			.1215	.1858	.1829	.1210		
.069									-.0393	
.080					.0348					
.081				-.0371						
.086			-.0091							
.094		-.0750								
.113	-.1453									
.150					-.1006	-.0540	-.0212	-.0370		
.157									-.1136	
.163			-.0325							
177				-.1394						
.229		-.0623								
.246			-.1167							
.247	-.0922									
.250					-.1646	-.1424	-.1125	-.1218		
.274				-.1777						
.345									-.1664	
.362		-.0654								
.390			-.1750							
.400					-.2081	-.2065		-.1960		
.402				-.2215						
.418										-.1387
.429	-.0571									
.497		-.1368								
.503									-.1983	
.547	-.0859									
.550					-.2221	-.2256				
.565				-.2253						
.600								-.2253		
.637			-.2003							
.638	-.1527									
.650							-.2043			
.670									-.2494	
.700		-.1787				-.2348				
.725					-.2272					
.727	-.1560									
.730										-.2439
.750							-.2060	-.2275		
.760				-.2119						
.775					-.2148	-.2328				

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU31)

BETAO (1) = -.118 ALPHAO(8) = 10.383

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.783	-.1502									
.798			-.1885							
.808				-.2034						
.834		-.1705								
.839			-.1813							
.850					-.1921	-.2211	-.2059			
.857				-.1977						
.862									-.2549	
.865		-.1611								
.879			-.1731							
.900		-.1355			-.1770			-.2051		
.905				-.1800						
.919			-.1662							
.950					-.1543	-.2530	-.1960			
.953				-.2023						
.955			-.1428							
.965		-.0654								
1.000				-.1976		-.1890		-.1466		

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38) (12 OCT 74)

REFERENCE DATA

SREF = 2880.0000 SQ.FT. XMRP = 978.0000 IN. XT
LREF = 1897.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.000 RN/FT = 3.000
ELV-IB = .000 ELV-OB = .000
RUDDER = .000 SPDBRK = 55.000

BETAO (1) = .979 ALPHAO(1) = -8.373

SECTION (11LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0177	-.0111	.0043	.2950	.5821	.5844	.5343	.5440	-.1688	
.010		-.0031	.0093	.2909	.5192	.5512	.5903	.5542		
.020		-.0114	.0186	.2595	.4661	.4760	.5330	.5341	.0200	
.040			.0236	.1985						
.041	.0321									
.050		-.0036			.3166	.3299	.3916	.4127		
.069									.0069	
.080					.2078					
.081				.1389						
.086			.0804							
.094		-.0208								
.113	.0201									
.150					.0663	.1122	.1714	.2044		
.157									-.0554	
.163			.1465							
.177				.0591						
.229		.0047								
.246			.0625							
.247	-.0306									
.250					-.0082	.0049	.0341	.0605		
.274				-.0011						
.345									-.0863	
.362		.0853								
.390			-.0124							
.400					-.1022	-.0855		-.0893		
.402				-.0827						
.418										-.2378
.429	.0350									
.497		-.0078								
.503									.0980	
.547	.0430									
.550					-.1292	-.1281				
.565				-.1043						
600								-.1576		
.637			-.0848							
538	-.0420									
550							-.1223			
570									- 1273	

ARC97-019 IABI LVAP(ALLML SEALED) LEFT WING TOP (RETU32)

BETAO (1) = .078 ALPHAO(1) = -8.373

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4870	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.0603				-.1308				
.725					-.1178					
.727	-.0486									
.730										-.2580
.750							-.1173	-.1641		
.760				.0248						
.775					-.0571	-.1181				
.793	.1441									
.798			.0352							
.808				.0377						
.834		.0881								
839			.0847							
.850					.0309	-.0528	-.1137			
.857				.0504						
.862									-.1020	
.865		.0590								
.879			.0857							
.900		.0895			.0428			-.1304		
.905				.0497						
.919			.0877							
.950					.0655	-.0015	-.0825			
.953				.0882						
.958			.0781							
.985		.1221								
1.000				-.1504		-.0716		-.1220		

BETAO (1) = .053 ALPHAO(2) = -4.277

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE C

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0075	-.0323	-.0018	.2285	.5505	.6000	.5539	.5741	-.1315	
.010		-.0272	-.0016	.2588	.4495	.5805	.5700	.5274		
.020		-.0352	.0019	.2200	.3865	.4981	.5028	.4998	.0320	
.040			.0072	.1532						
.041	.0058									
.050		-.0331			.2489	.3379	.3574	.3648		
.060									.0103	
.080					.1552					
.081				.0881						
.086			.0453							
.094		-.0483								
.113	-.0035									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU32)

BETAO (1) = .053 ALPHAO(2) = -4.277

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.150					.0222	.0878	.1381	.1639		
.157									-.0595	
.163			.0939							
.177				.0074						
.229		-.0300								
.246			.0267							
.247	-.0523									
.250					-.0427	-.0412	.0069	.0267		
.274				-.0372						
.345									-.0956	
.362		.0448								
.390			-.0497							
.400					-.1208	-.1324		-.1138		
.402				-.1130						
.418										-.1955
.429	-.0033									
.497		-.0372								
.503									-.1124	
.547	.0122									
.550					-.1514	-.1481				
.565				-.1275						
.600								-.1783		
.637			-.1077							
.638	-.0672									
.650							-.1489			
.670									-.1477	
.700		-.0857				-.1610				
.725					-.1374					
.727	-.0733									
.730										-.2109
.750							-.1434	-.1857		
.760				-.0090						
.775					-.0838	-.1426				
.793	.0971									
.798			-.0028							
.808				.0045						
.834		.0432								
.839			.0453							
.850					-.0063	-.0712	-.1385			
.857				.0161						
.862									-.1288	
.865		.0334								
.879			.0524							
.900		.0402			.0119			-.1550		
[illegible]				.0116						

APC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU32)

BETAO (1) = .053 ALPHAO(21 = -4.277

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2980	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.9			.0386							
.950					.0280	-.0366	-.1161			
.953				.0305						
.955			.0572							
.965		.0835								
1.000				-.1693		-.0948		-.1373		

BETAO (1) = .011 ALPHAO(3) = -.098

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2980	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.000	-.0444	-.0724	-.0326	.2174	.6515	.6414	.6235	.6358	-.0274	
.010		-.0678	-.0388	.1857	.4479	.5411	.5501	.4846		
.020		-.0745	-.0353	.1280	.3600	.4426	.4644	.4507	.0470	
.040			-.0326	.0600						
.041	-.6518									
.050		-.0654			.1840	.2650	.2989	.2979		
.088									.0125	
.080					.0807					
.081				-.0059						
.088			-.0050							
.094		-.0804								
.113	-.0537									
.150					-.0648	.0081	.0715	.0975		
.157									-.0733	
.163			.0054							
.177				-.0737						
.229		-.0788								
.248			-.0505							
.247	-.0884									
.250					-.1332	-.1016	-.0548	-.0331		
.274				-.0977						
.345									-.1158	
.382		-.0318								
.388			-.1029							
.400					-.1614	-.1916		-.1847		
.402				-.1812						
.418										-.0765
.428	-.0852									
.487		-.0884								
.503									-.1419	
.547	-.0481									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU32)

BETAO (1) = .011 ALPHAO(3) = -.098

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.1899	-.2141				
.565				-.1655						
.600								-.2190		
.637			-.1470							
.638	-.1049									
.630							-.1994			
.670									-.1857	
.700		-.1232				-.2125				
.725					-.1698					
.727	-.1086									
.730										-.1035
.750							-.1988	-.2370		
.760				-.0647						
.775					-.1156	-.1830				
.793	.0309									
.798			-.0872							
.808				-.0509						
.834		-.0175								
.839			-.0281							
.850					-.0547	-.1432	-.1960			
.857				-.0445						
.862									-.1743	
.865		-.0143								
.879			-.0124							
.900		-.0016			-.0377			-.1992		
.905				-.0485						
.919			-.0060							
.950					-.0181	-.1080	-.1764			
.953				-.0290						
.955			.0121							
.965		.0372								
1.000				-.1800		-.1090		-.1610		

BETAO (1) = .020 ALPHAO(4) = 4.129

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0613	-.0185	-.0374	.2885	.6915	.6948	.6917	.7030	.1045	
.010		-.0491	-.0467	.2166	.4037	.5101	.5133	.4200		
.020		-.0581	-.0424	.1358	.3060	.3976	.4116	.3735	.0541	
.040			-.0366	.0385						
.041	-.1013									

ARC87-018 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU32)

BETAO (1) = .020 ALPHAO(4) = 4.129

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.050		-.0584			.1402	.2137	.2386	.2187		
.069									.0101	
.080					.0358					
.081				-.0483						
.086			-.0202							
.094		-.0634								
.113	-.1029									
.150					-.1214	-.0435	.0126	.0243		
.157									-.0854	
.163			-.0377							
.177				-.1480						
.229		-.0908								
.246			-.1250							
.247	-.1058									
.250					-.1954	-.1472	-.0993	-.0907		
.274				-.1885						
.345									-.1358	
.362		-.0831								
.390			-.1600							
.400					-.2465	-.2221		-.2038		
.402				-.2181						
.418										-.0298
.429	-.0890									
.497		-.1308								
.503									-.1695	
.547	-.0784									
.550					-.2554	-.2507				
.565				-.2120						
.600								-.2485		
.637			-.1852							
.638	-.1439									
.650							-.2309			
.670									-.2276	
.700		-.1587				-.2595				
.725					-.2320					
.727	-.1402									
.730										-.1815
.750							-.2324	-.2528		
.760				-.1533						
.775					-.2038	-.2504				
.793	-.1194									
.798			-.1298							
.808				-.1238						
.834		-.0971								
.838			-.1000							

ARC97-018 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU32)

BETAO (1) = .020 ALPHAO(4) = 4.129

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.050					-.1435	-.2848	-.2308			
.067				-.1079						
.082									-.2305	
.085		-.0828								
.879			-.0740							
.900		-.0003			-.1222			-.2284		
.905				-.1108						
.919			-.0458							
.950					-.1024	-.2499	-.2172			
.953				-.0848						
.955			-.0114							
.985		.0413								
1.000				-.2045		-.1735		-.1628		

BETAO (1) = .053 ALPHAO(5) = 8.392

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0945	-.0511	-.0299	.3025	.7550	.7399	.7893	.7459	.1408	
.010		-.0942	-.0521	.1938	.3852	.4793	.4615	.3341		
.020		-.1054	-.0537	.1130	.2759	.3602	.3497	.2823	.0004	
.040			-.0471	.0126						
.041	-.1481									
.050		-.0902			.0995	.1772	.1733	.1305		
.069									-.0312	
.080					.0701					
.081				-.0735						
.086			-.0298							
.094		-.0767								
.113	-.1523									
.150					-.1506	-.0728	-.0386	-.0449		
.157									-.1231	
.163			-.0479							
.177				-.1776						
.229		-.0889								
.246			-.1447							
.247	-.0948									
.250					-.2223	-.1709	-.1381	-.1424		
.274				-.2162						
.345									-.1810	
.362		-.0892								
.390			-.2020							

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU32)

BETAO (1) = .053 ALPHAO(5) = 8.392

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.400					-.2725	-.2427		-.2323		
.402				-.2651						
.418										-.1718
.429	-.0873									
.497		-.1603								
.503									-.2190	
.547	-.1009									
.550					-.2904	-.2665				
.565				-.2500						
.600								-.2659		
.637			-.2148							
.638	-.1704									
.650							-.2487			
.670									-.2769	
.700		-.1890				-.2766				
.725					-.2730					
.727	-.1664									
.730										-.3029
.750							-.2510	-.2659		
.760				-.2262						
.775					-.2482	-.2772				
.793	-.1558									
.798			-.1914							
.808				-.2051						
.834		-.1693								
.839			-.1702							
.850					-.2252	-.2599	-.2498			
.857				-.1834						
.862									-.3048	
.865		-.1425								
.879			-.1498							
.900		-.0770			-.2126			-.2383		
.905				-.1743						
.919			-.1224							
.950					-.1978	-.3002	-.2358			
.953				-.1586						
.955			-.0795							
.965		-.0098								
1.000				-.2307		-.2197		-.1975		

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU32)

BETAO (1) = .074 ALPHAO(8) = 10.494

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1170	-.0590	-.0368	.3003	.7426	.8180	.8296	.7653	.0774	
.010		-.1066	-.0732	.1806	.3443	.4908	.4569	.2953		
.020		-.1040	-.0732	.1051	.2373	.3549	.3387	.2406	-.0832	
.040			-.0684	.0031						
.041	-.1642									
.050		-.0731			.0688	.1568	.1536	.0901		
.069									-.1013	
.080					-.0111					
.081				-.0814						
.086			-.0416							
.094		-.0740								
.113	-.1546									
.150					-.1486	-.0938	-.0589	-.0729		
.157									-.1606	
.163			-.0602							
.177				-.1820						
.229		-.0819								
.246			-.1494							
.247	-.1056									
.250					-.2156	-.1882	-.1537	-.1624		
.274				-.2231						
.345									-.2162	
.362		-.0838								
.390			-.2114							
.400					-.2636	-.2613		-.2441		
.402				-.2721						
.418										-.2302
.429	-.0800									
.497		-.1604								
.503									-.2321	
.547	-.1048									
.550					-.2814	-.2790				
.565				-.2844						
.600								-.2738		
.637			-.2319							
.638	-.1775									
.650							-.2567			
.670									-.3164	
.700		-.1999				-.2878				
.725					-.2777					
.727	-.1729									
.730										-.3158
.753							-.2560	-.2730		
.760				-.2445						
.775					-.2523	-.2880				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU32)

BETAO (1) = .074 ALPHAO(6) = 10.494

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1683									
.798			-.2111							
.808				-.2294						
.834		-.1845								
.839			-.1982							
.850					-.2261	-.2732	-.2562			
.857				-.2141						
.862									-.3184	
.865		-.1625								
.879			-.1738							
.900		-.0986			-.2117			-.2521		
.905				-.2048						
.919			-.1451							
.950					-.1931	-.3128	-.2435			
.953				-.1981						
.955			-.1028							
.965		-.0278								
1.000				-.2412		-.2438		-.2090		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU33) (12 OCT 74)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 978.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.550 RN/FT = 3.000
ELV-IB = .000 ELV-OB = .000
RUDDER = .000 SPDBRK = 55.000

BETAO (1) = .428 ALPHAO(1) = -8.390

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.000	-.1564	-.0139	-.0270	.2091	.4922	.4295	.3995	.4213	-.3729	
.010		-.0222	-.0089	.2953	.5325	.5355	.5353	.5212		
.020		-.0309	.0067	.2713	.4822	.4785	.4865	.5082	-.0910	
.040			.0121	.2225						
.041	-.1349									
.050		-.0311			.3389	.3449	.3547	.3900		
.069									-.0970	
.080					.2088					
.081				.1703						
.086			.0806							
.094		-.0645								
.113	-.1268									
.150					.0334	.0765	.1259	.1606		
.157									-.1579	
.163			.1858							
.177				.0541						
.229		.0118								
.246			.0539							
.247	-.0523									
.250					-.0625	-.0573	-.0159	-.0039		
.274				-.0198						
.345									-.1868	
.362		.0931								
.390			-.0283							
.400					-.1611	-.1747		-.1987		
.402				-.1422						
.418										-.2361
.429	.0178									
.497		-.0505								
.503									-.2017	
.547	.0240									
.559					-.2008	-.1982				
.565				-.1494						
.600								-.2782		
.637			-.0830							
.638	-.1048									
.650							-.2250			
.670									-.2298	

ARC87-019 IA81 LVAP(ALLML SEALED) LEFT WING TOP (RETU33)

BETAO (1) = .428 ALPHAO(1) = -8.390

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.0848				-.2107				
.725					.0487					
.727	-.0884									
.730										-.2159
.750							-.2119	-.2731		
.760				.1052						
.775					.0456	-.0304				
.793	.2382									
.798			.0972							
.808				.0957						
.834		.1053								
.839			.0982							
.850					.1138	.0093	-.1943			
.857				.1388						
.862									-.1714	
.865		.0318								
.879			.1327							
.900		.1048			.1457			-.2081		
.905				.1178						
.919			.0800							
.925					.1489	.0819	-.0423			
.933				.1038						
.936			.1094							
.985		.1374								
1.000				-.2549		-.1981		-.2887		

BETAO (1) = .401 ALPHAO(2) = -4.271

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2930	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1588	-.0482	-.0413	.2309	.5120	.4994	.4575	.4680	-.3268	
.010		-.0588	-.0240	.2936	.4871	.5312	.5410	.4968		
.020		-.0832	-.0082	.2477	.4298	.4524	.4730	.4728	-.0833	
.040			-.0013	.1764						
.041	-.1525									
.050		-.0501			.2788	.2978	.3194	.3370		
.069									-.0828	
.080					.1499					
.081				.1184						
.088			.0807							
.094		-.0878								
.113	-.1499									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU33)

BETAO (1) = .401 ALPHAO(2) = -4.271

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.150					-.0187	.0308	.0646	.1110		
.157									-.1658	
.163			.1452							
.177				.0110						
.229		-.0186								
.246			.0241							
.247	-.0773									
.250					-.1072	-.1004	-.0709	-.0461		
.274				-.0636						
.345									-.2023	
.362		.0651								
.390			-.0643							
.400					-.1968	-.2039		-.2251		
.402				-.1751						
.418										-.3005
.429	-.0028									
.497		-.0740								
.503									-.2222	
.547	.0024									
.550					-.2365	-.2333				
.565				-.2016						
.800								-.3060		
.637			-.1283							
.638	-.1301									
.650							-.2563			
.670									-.2574	
.700		-.1237				-.2301				
.725					-.0068					
.727	-.1214									
.730										-.1587
.750							-.2463	-.3039		
.760				.0608						
.775					-.0112	-.0745				
.793	.1811									
.798			.0581							
.808				.0575						
.934		.0609								
.839			.0623							
.850					.0391	-.0284	-.2283			
.857				.0813						
.862									-.1851	
.865		.0167								
879			.0607							
.900		.0438			.0784			-.2445		
.905				.0805						

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU33)

BETAO (1) = .401 ALPHAO(2) = -4.27

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.918			.0545							
.950					.1242	.0158	-.1323			
.953				.0811						
.955			.0770							
.965		.1005								
1.000				-.2691		-.1982		-.2558		

BETAO (1) = .348 ALPHAO(3) = -.036

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/C										
.000	-.1797	-.0705	-.0970	.2519	.6114	.6080	.5847	.5982	-.1322	
.010		-.0846	-.0933	.2843	.4500	.5274	.5218	.4363		
.020		-.0890	-.0708	.2032	.3787	.4248	.4291	.3908	-.0270	
.040			-.0591	.1268						
.041	-.1807									
.050		-.0760			.2035	.2392	.2479	.2288		
.069									-.0695	
.080					.0685					
.081				.0465						
.086			.0285							
.094		-.1186								
.113	-.1755									
.150					-.0949	-.0476	-.0051	.0031		
.157									-.1755	
.163			.0885							
.177				-.0483						
.229		-.0837								
.248			-.0358							
.247	-.1235									
.250					-.1802	-.1794	-.1546	-.1518		
.274				-.1547						
.345									-.2270	
.362		.0222								
.390			-.1325							
.400					-.2782	-.3018		-.3075		
.402				-.2358						
.418										-.0746
.429	-.0287									
.487		-.1183								
.503									-.2546	
.547	-.0378									

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU33)

BETAO (1) = .348 ALPHAO(3) = -.036

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.3007	-.3354				
.585				-.2638						
.600								-.3638		
.637			-.2181							
.638	-.1710									
.650							-.3283			
.670									-.2838	
.700		-.1828				-.3209				
.725					-.1084					
.727	-.1535									
.730										-.2721
.750							-.3157	-.3578		
.760				-.0385						
.775					-.1056	-.1993				
.793	.0528									
.798			.0011							
.808				-.0040						
.834		.0259								
.839			.0301							
.850					-.0767	-.0992	-.3022			
.857				.0141						
.862									-.2792	
.865		-.0072								
.879			.0182							
.900		.0123			-.0500			-.2754		
.905				.0134						
.919			.0104							
.950					.0176	-.0890	-.2628			
.953				.033						
.955			.0177							
.965		.0778								
1.000				-.3018		-.1852		-.2763		

BETAO (1) = .388 ALPHAO(4) = 4.233

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1498	-.0966	-.1218	.2766	.6757	.6873	.6697	.6774	.0865	
.010		-.1133	-.1268	.1803	.3343	.4389	.4192	.3034		
.020		-.1115	-.1165	.0973	.2424	.3165	.3[illegible]	.2356	-.0659	
.040			-.1021	.0236						
.041	-.1349									

ARC87-019 1A81 LVAP(ALLML SEALED) LEFT WING TOP (RETU33)

BETAO (1)' = .366 ALPHAO(4) = 4.233

SECTION : 1(LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8370	.9720	1.0000
X/CM										
.050		-.0974			.0673	.1235	.1192	.0785		
.069									-.1063	
.080					-.0467					
.081				-.0638						
.086			-.0843							
.094		-.1301								
.113	-.2057									
.150					-.2241	-.1641	-.1156	-.1281		
.157									-.2283	
.183			.0085							
.177				-.1490						
.229		-.1242								
.246			-.0941							
.247	-.1486									
.250					-.2802	-.2825	-.2458	-.2518		
.274				-.2090						
.345									-.2938	
.362		-.0195								
.389			-.1858							
.400					-.3415	-.3765		-.3777		
.402				-.2948						
.418										-.2923
.429	-.0878									
.497		-.1441								
.503									-.3382	
.547	-.0558									
.550					-.3858	-.4008				
.585				-.2950						
.600								-.4171		
.637			-.2580							
.639	-.1858									
.650							-.3998			
.670									-.4430	
.700		-.2252				-.3838				
.725					-.2488					
.727	-.1878									
.730										-.5187
.750							-.3877	-.3888		
.780				-.1333						
.775					-.1843	-.3708				
.783	-.1358									
.788			-.1117							
.800				-.1175						
.834		-.0382								
.838			-.0542							

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU33)

BETAO (1) = .388 ALPHAO(4) = 4.233

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.880					-.1488	-.1948	-.3718			
.887				-.0731						
.882									-.5210	
.885		-.0325								
.879			-.0282							
.900		.0118			-.1390			-.3317		
.905				-.0384						
.918			.0078							
.950					-.0884	-.1197	-.3084			
.933				.0014						
.958			.0118							
.985		.0714								
1.000				-.2838		-.1778		-.3588		

BETAO (1) = .463 ALPHAO(8) = 8.518

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/B	.2350	.2990	.3940	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2081	-.0458	-.1498	.3105	.0754	.7086	.6891	.6256	-.0955	
.010		-.1847	-.1771	.1254	.1063	.2899	.2413	.0730		
.020		-.1390	-.1592	.0290	.0761	.1581	.1314	.0197	-.3152	
.040			-.1437	-.0834						
.041	-.1948									
.050		-.1330			-.0898	-.0378	-.0448	-.1235		
.088									-.3314	
.080					-.1027					
.081				-.1848						
.086			-.1018							
.094		-.1120								
.113	-.2230									
.150					-.3372	-.2787	-.2432	-.2727		
.157									-.3907	
.163			-.0893							
.177				-.2957						
.229		-.1295								
.248			-.1718							
.247	-.0983									
.250					-.4008	-.3598	-.3404	-.3582		
.274				-.2938						
.345									-.4878	
.362		-.0698								
.390			-.2322							

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU33)

BETAO (1) = .403 ALPHAO(5) = 8.510

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.0350	.0900	.3040	.4870	.5340	.6730	.7900	.8870	.9720	1.0000
X/CM										
.400					-.4381	-.4470		-.4483		
.402				-.3818						
.418										-.4474
.429	-.0870									
.497		-.1734								
.503									-.5578	
.547	-.0929									
.550					-.4277	-.4685				
.565				-.3386						
.600								-.4689		
.637			-.3038							
.638	-.2225									
.650							-.4479			
.670									-.5518	
.700		-.2717				-.4628				
.725					-.3434					
.727	-.2342									
.730										-.5451
.750							-.4351	-.4578		
.760				-.2817						
.775					-.2784	-.4497				
.793	-.2290									
.798			-.1985							
.808				-.2024						
.834		-.0940								
.839			-.1230							
.850					-.2192	-.2953	-.4282			
.857				-.1703						
.862									-.5448	
.865		-.0585								
.879			-.0804							
.900		- 0322			-.2120			-.4335		
.905				-.1552						
.918			-.0581							
.950					-.1835	-.2958	-.3811			
.953				-.0907						
.955			-.0285							
.985		-.0094								
1.000				-.2515		-.2380		-.4225		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU34) (12 OCT 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.550 RN/FT = 2.500
ELV-IB = 8.000 ELV-OB = -4.000
RUDDER = .000 SPDBRK = .000

BETAO (1) = .403 ALPHAO(1) = -6.292

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0030
X/CW										
.000	-.1631	-.0099	-.0338	.2063	.4876	.4303	.3980	.4252	-.3693	
.010		.0000	-.0145	.2887	.5355	.5417	.5406	.5179		
.020		-.0338	.0009	.2669	.4838	.4768	.4874	.5085	-.0902	
.040			.0071	.2191						
.041	-.1421									
.050		-.0374			.3386	.3396	.3486	.3883		
.069									.0000	
.080					.2048					
.081				.1617						
.086			.0766							
.094		-.0520								
.113	-.1287									
.150					.0000	.0599	.1063	.1697		
.157									-.1605	
.163			.1800							
.177				.0496						
.229		.0083								
.246			.0463							
.247	-.0524									
.250					.0707	-.0678	-.0373	-.0137		
.274				-.0346						
.345									-.1895	
.362		.0919								
.390			-.0357							
.400					-.1708	.1917		-.1913		
.402				-.1541						
.418										-.3024
.429	.0178									
.497		-.0497								
.503									-.2052	
.547	.0209									
.550					-.2130	.2073				
.565				-.1548						
.600								-.2736		
.637			- 0321							
.638	-.1032									
.650							-.2520			
.670									-.1658	

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU34)

BETAO (1) = .403 ALPHAO(1) = -8.292

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.0855				-.2267				
.725					.0194					
.727	-.0878									
.730										-.2577
.750							-.1644	-.2178		
.760				.0940						
.775					-.1303	-.2164				
.793	.2338									
.798			.0956							
.808				-.1162						
.834		.1259								
.839			-.1226							
.850					-.1158	-.0898	-.1355			
.857				-.1052						
.862									-.1224	
.865		-.1727								
.879			-.1252							
.900		-.0829			-.0614			-.1141		
.905				-.1000						
.919			-.1023							
.950					-.0324	-.0416	-.0729			
.953				-.0887						
.955			-.1124							
.965		-.0819								
1.000				-.3038		-.2225		-.2762		

BETAO (1) = .378 ALPHAO(2) = -4.209

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1606	-.0506	-.0448	.2323	.5349	.5031	.4590	.4728	-.3237	
.010		.0000	-.0274	.2945	.4930	.5388	.5469	.4988		
.020		-.0639	-.0096	.2492	.4332	.4505	.4775	.4787	-.0585	
.040			-.0018	.1767						
.041	-.1544									
.050		-.0548			.2855	.2918	.3.92	.3401		
.069									.0000	
.080					.1565					
.081				.1177						
.098			.0593							
.094		-.0858								
.113	-.1534									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU34)

BETAO (1) = .378 ALPHAO(2) = -4.209

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.150					.0000	.0120	.0501	.1167		
.157									-.1635	
.183			.1447							
.177				.0058						
.229		-.0185								
.246			.0179							
.247	-.0815									
.250					-.1082	-.1158	-.0960	-.0525		
.274				-.0705						
.345									-.2017	
.362		.0653								
.390			-.0688							
.400					-.2009	-.2348		-.2249		
.402				-.1833						
.418										-.3739
.429	.0015									
.497		-.0766								
.503									-.2207	
.547	.0021									
.550					-.2402	-.2501				
.565				-.2059						
.600								-.3027		
.637			-.1280							
.638	-.1277									
.650							-.2856			
.670									-.2037	
.700		-.1124				-.2504				
.725					.0347					
.727	-.1183									
.730										-.2062
.750							-.2082	-.2517		
.760				.0469						
.775					-.1711	-.2881				
.793	.1780									
.798			.0567							
.808				-.1414						
.834		.0823								
.839			-.1513							
.850					-.1459	-.1045	-.1798			
.857				-.1485						
.862									-.1553	
.865		-.1955								
.879			-.1528							
.900		-.1170			-.1325			-.1554		
.905				-.1231						

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU34)

BETAO (1) = .378 ALPHAO(2) = -4.209

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CH										
.919			-.1238							
.950					-.0462	-.1087	-.1312			
.953				-.1053						
.955			-.1260							
.965		-.1151								
1.000				-.3084		-.2254		-.2540		

BETAO (1) = .358 ALPHAO(3) = -2.124

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CH										
.000	-.1718	-.0579	-.0804	.2358	.6773	.6388	.6278	.6448	-.2371	
.010		.0000	-.0823	.2824	.4890	.5385	.5407	.4744		
.020		-.0830	-.0400	.2323	.4244	.4470	.4534	.4468	-.0328	
.040			-.0319	.1650						
.041	-.1887									
.050		-.0718			.2558	.2706	.2798	.2926		
.069									.0000	
.080					.1122					
.081				.0746						
.086			.0441							
.094		-.1005								
.113	-.1738									
.150					.0000	-.0200	.0220	.0560		
.157									-.1887	
.163			.1151							
.177				-.0202						
.229		-.0353								
.246			-.0108							
.247	-.0983									
.250					-.1859	-.1545	-.1350	-.0995		
.274				-.1180						
.345									-.2158	
.382		.0423								
.390			-.1057							
.400					-.2442	-.2043		-.2606		
.402				-.2127						
.418										-.2542
.429	-.0158									
.497		-.0986								
.503									-.2417	
.547	-.0195									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU34)

BETAO (1) = .358 ALPHAO(3) = -2.124

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.2781	-.2988				
.585				-.2440						
.600								-.3331		
.637			-.1911							
.638	-.1586									
.650							-.3229			
.670									-.2240	
.700		-.1544				-.2882				
.725					-.0888					
.727	-.1335									
.730										-.1090
.750							-.2448	-.2815		
.760				.0024						
.775					-.2087	-.3485				
.793	.1342									
.798			.0344							
.808				-.1548						
.834		.0737								
.839			-.1522							
.850					-.1806	-.1436	-.2258			
.857				-.1579						
.862									-.1815	
.865		-.1847								
.879			-.1691							
.900		-.1491			-.1687			-.2004		
.905				-.1584						
.919			-.1590							
.950					-.0930	-.1390	-.1899			
.983				-.1308						
.955			-.1425							
.985		-.1309								
1.000				-.3085		-.2320		-.2754		

BETAO (1) = .342 ALPHAO(4) = -.027

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7900	.8870	.9720	1.0000
X/CW										
.000	-.1837	-.0871	-.1022	.2495	.6112	.6066	.5881	.5916	-.1304	
.010		.0000	-.0947	.2642	.4568	.5268	.5224	.4326		
.020		-.0995	-.0722	.2053	.3793	.4250	.4245	.3947	-.0280	
.040			-.0509	.1250						
.041	-.1772									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU34)

BETAO (1) = .342 ALPHAO(4) = -.027

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.050		-.0791			.2041	.2324	.2385	.2312		
.069									.0000	
.080					.0714					
.081				.0422						
.086			.0285							
.094		-.1145								
.113	-.1772									
.150					.0000	-.0643	-.0225	.0089		
.157									-.1754	
.163			.0882							
.177				-.0440						
.225		-.0586								
.246			-.0412							
.247	-.1233									
.250					-.1808	-.1921	-.1793	-.1733		
.274				-.1592						
.345									-.2250	
.362		.0224								
.390			-.1357							
.400					-.2800	-.3189		-.3038		
.402				-.2408						
.418										-.0823
.429	-.0304									
.497		-.1194								
.503									-.2527	
.547	-.0392									
.550					-.3062	-.3428				
.565				-.2698						
.600								-.3573		
.637			-.2218							
.638	-.1714									
.650							-.3811			
.670									-.2351	
.700		-.1809				-.3334				
.725					-.1407					
.727	-.1551									
.730										-.1848
.750							-.2972	-.3117		
.760				-.0578						
.775					-.2478	-.3894				
.793	.0527									
.798			-.0080							
.808				-.1759						
.834		.0485								
.839			-.1657							

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU34)

BETAO (1) = .342 ALPHAO(4) = -.027

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.850					-.2210	-.1831	-.2681			
.857				-.1746						
.862									-.2273	
.865		-.1906								
.879			-.1735							
.900		-.1509			-.2073			-.2116		
.905				-.1716						
.919			-.1735							
.950					-.1418	-.1767	-.2218			
.953				-.1483						
.955			-.1622							
.965		-.1539								
1.000				-.3100		-.2454		-.2873		

BETAO (1) = .348 ALPHAO(5) = 2.059

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	- 1	-.0867	-.1173	.3093	.6507	.6606	.6343	.6289	.0111	
.010		.0000	-.1108	.2571	.4072	.4980	.4827	.3791		
.020		-.1068	-.0902	.1839	.3338	.3830	.3750	.3322	-.0212	
.040			-.0763	.0970						
.041	-.1347									
.050		-.0873			.1520	.1838	.1752	.1658		
.069									.0000	
.080					.1142					
.081				-.0034						
.086			-.0027							
.094		-.1049								
.113	-.1950									
.150					.0000	-.1194	-.0742	-.0517		
.157									-.1871	
.163			.0492							
.177				-.0949						
.229		-.0866								
.246			-.0663							
.247	-.1499									
.250					-.2293	-.2439	-.2221	-.1981		
.274				-.1902						
.345									-.2184	
.362		.0179								
.390			-.1650							

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU34)

BETAO (1) = .346 ALPHAO(5) = 2.059

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.400					-.3237	-.3463		-.3422		
.402				-.2707						
.418										-.0797
.429	-.0471									
.497		-.1187								
.503									-.2415	
.547	-.0468									
.550					-.3388	-.3772				
.565				-.2855						
.600								-.3824		
.637			-.2468							
.638	-.1794									
.650							-.3927			
.670									-.3209	
.700		-.1901				-.3794				
.725					-.2223					
.727	-.1782									
.730										-.4004
.750							-.3475	-.3260		
.760				-.1209						
.775					-.3068	-.4269				
.793	-.0597									
.798			-.0698							
.808				-.2027						
.834		.0150								
.839			-.1844							
.850					-.2491	-.2626	-.3087			
.857				-.1912						
.862									-.3127	
.865		-.1817								
.879			-.1750							
.900		-.1335			-.2347			-.2111		
.905				-.1740						
.919			-.1737							
.950					-.1799	-.2337	-.2489			
.953				-.1547						
.955			-.1844							
.985		-.1412								
1.000				-.3081		-.2533		-.3178		

ARC97-018 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU34)

BETAO (1) = .358 ALPHAO(6) = 3.707

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1481	-.0885	-.1219	.2779	.6715	.6853	.6723	.6699	.0868	
.010		.0000	-.1286	.1747	.3455	.4450	.4222	.3068		
.020		-.1079	-.1164	.1020	.2587	.3197	.3049	.2479	-.0628	
.040			-.1055	.0283						
.041	-.1368									
.050		-.1018			.0844	.1200	.1141	.0885		
.069									.0000	
.080					-.0473					
.081				-.0624						
.086			-.0668							
.094		-.1122								
.113	-.2086									
.150					.0000	-.1770	-.1371	-.1152		
.157									-.2242	
.163			.0091							
.177				-.1499						
.229		-.1109								
.246			-.0939							
.247	-.1500									
.250					-.2830	-.2974	-.2698	-.2509		
.274				-.2211						
.345									-.2925	
.362		-.0033								
.390			-.1891							
.400					-.3488	-.3992		-.3724		
.402				-.3044						
.418										-.2760
.429	-.0604									
.497		-.1321								
.503									-.3400	
.547	-.0529									
.550					-.3713	-.4126				
.565				-.3035						
.600								-.4114		
.637			-.2654							
.638	-.1918									
.650							-.4252			
.670									-.4054	
.700		-.1970				-.4120				
.725					-.2849					
.727	-.1960									
.730										-.5016
.750							-.4000	-.3387		
.760				-.1688						
.775					-.3478	-.4598				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU34)

BETAO (1) = .388 ALPHAO(8) = 3.707

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.783	-.1198									
.788			-.1238							
.808				-.2484						
.834		-.0261								
.839			-.2210							
.850					-.2795	-.3619	-.3587			
.857				-.2328						
.862									-.4380	
.865		-.2015								
.879			-.2004							
.900		-.1440			-.2848			-.2717		
.905				-.2038						
.919			-.1750							
.950					-.2179	-.2954	-.2752			
.953				-.1644						
.955			-.1508							
.985		-.1437								
1.000				-.3048		-.2884		-.3544		

BETAO (1) = .388 ALPHAO(7) = 6.242

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.000	-.1788	-.0810	-.1383	.8830	.7038	.7120	.8874	.8438	.0040	
.010		.0000	-.1818	.1177	.8787	.3814	.3158	.1781		
.020		-.1185	-.1416	.0283	.1787	.8274	.1985	.1218	-.1854	
.040			-.1203	-.0885						
.041	-.1604									
.050		-.1224			.0134	.0360	.0128	-.0337		
.069									.0000	
.080					-.1134					
.081				-.1382						
.086			-.0828							
.094		-.1319								
.113	-.2201									
.150					.0000	-.2380	-.2094	-.2015		
.157									-.2886	
.163			-.0504							
.177				-.2040						
.229		-.1274								
.248			-.1358							
.247	-.1148									

ARC27-019 1A81 LVAP(ALLML SEALED) LEFT WING TOP (RETU34)

BETAO (1) = .360 ALPHAO(7) = 8.242

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4279	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.250					-.3502	-.3414	-.3225	-.3100		
.274				-.2537						
.345									-.3784	
.362		-.0389								
.390			-.2121							
.400					-.3743	-.4265		-.4098		
.402				-.3298						
.418										-.4063
.429	-.0783									
.497		-.1631								
.503									-.4247	
.547	-.0715									
.550					-.4068	-.4525				
.565				-.3269						
.600								-.4371		
.637			-.2877							
.638	-.2150									
.650							-.4445			
.670									-.5205	
.700		-.2477				-.4428				
.725					-.3216					
.727	-.2148									
.730										-.5393
.750							-.4308	-.3832		
.760				-.2085						
.775					-.3589	-.4772				
.793	-.1724									
.798			-.1818							
.808				-.2816						
.834		-.0585								
.839			-.2539							
.850					-.2965	-.4316	-.4053			
.857				-.2704						
.862									-.5280	
.865		-.2233								
.879			-.2269							
.900		-.1680			-.2863			-.3328		
.905				-.2460						
.919			-.1986							
.950					-.2590	-.3764	-.3278			
.953				-.1975						
.955			-.1544							
.965		-.1728								
1.000				-.2843		-.3050		-.3838		

ARC97-019 1AB1 LVAP(ALLML SEALED) LEFT WING TOP (RETU35) (12 OCT 74)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.550 RN/FT = 2.500
ELV-IB = 8.000 ELV-OB = -4.000
RUDDER = .000 SPOBRK = .000

ALPHAO(1) = -8.333 BETAO (1) = -3.794

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2980	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0991	.0385	.0405	.3022	.6516	.5816	.5363	.5570	-.3105	
.010		.0387	.0522	.3804	.6366	.6544	.6541	.6178		
.020		.0355	.0586	.3364	.5633	.5692	.5837	.5874	-.0017	
.040			.0629	.2717						
.041	-.0673									
.050		.0326			.3756	.3949	.4172	.4487		
.069									-.0204	
.080					.2203					
.081				.2045						
.086			.1180							
.094		-.0021								
.113	-.0654									
.150					.0000	.0775	.1424	.1948		
.157									-.1086	
.163			.2114							
.177				.0587						
.229		.0442								
.246			.0887							
.247	-.0008									
.250					-.0727	-.0677	-.0298	.0028		
.274				-.0329						
.345									-.1473	
.362		.1142								
.390			-.0289							
.400					-.1758	.0000		-.1883		
.402				-.1553						
.418										-.3930
.429	.0525									
.487		-.1948								
.503									-.1898	
.547	.0458									
.550					-.2198	-.2312				
.595				-.1874						
.800								-.2707		
.837			-.1285							
.838	-.0778									
.850							-.2885			
.870									-.1579	

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RE:U35)

ALPHAO(1) = -6.333 BETAO (1) = -3.794

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.1062				-.2360				
.725					-.0411					
.727	-.0801									
.730										-.9178
.750							-.1834	-.2089		
.760				.0603						
.775					-.1656	-.3342				
.793	.1788									
.798			.0933							
.808				-.0952						
.834		.1395								
.839			-.0834							
.850					-.0890	-.1160	-.1507			
.857				-.0480						
.862									-.1212	
.865		-.1454								
.879			-.0627							
.900		-.0418			-.0469			-.1027		
.905				-.0630						
.919			-.0695							
.950					-.0054	-.1128	-.0795			
.953				-.0540						
.955			-.0685							
.965		-.0506								
1.000				-.2816		-.1885		-.2863		

ALPHAO(1) = -6.319 BETAO (2) = -1.683

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1265	.0125	.0037	.2491	.5530	.5179	.4856	.4939	-.3436	
.010		.0096	.0173	.3368	.5719	.6008	.6[illegible]9	.5727		
.020		-.0038	.0296	.3055	.5141	.5230	[illegible]7	.5547	-.0422	
.040			.0351	.2463						
.041	-.1056									
.050		-.0006			.3554	.3643	.3912	.416		
.080									-.0543	
.080					.2108					
.081				.1868						
.086			.0973							
.094		-.0339								
.113	-.0900									

AMC97-019 IABI LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(1) = -6.318 BETAO (2) = -1.683

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2880	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.150					.0000	.0634	.1310	.1841		
.157									-.1308	
.163			.1952							
.177				.0605						
.220		.0288								
.248			.0581							
.247	-.0285									
.250					-.0590	-.0626	-.0290	-.0066		
.274				-.0334						
.345									-.1630	
.362		.1072								
.390			-.0329							
.400					-.1716	.0000		-.1899		
.402				-.1517						
.418										-.4154
.428	.0343									
.487		-.0380								
.503									-.1852	
.547	.0288									
.550					-.2127	-.2170				
.585				-.1648						
.600								-.2698		
.637			-.1204							
.638	-.0887									
.650							-.2592			
.670									-.1549	
.700		-.1029				-.2279				
.725					-.0018					
.727	-.0818									
.730										-.3848
.750							-.1700	-.2104		
.760				.0827						
.775					-.1372	-.2774				
.793	.2175									
.798			.1006							
.808				-.1073						
.834		.1308								
.838			-.1118							
.850					-.1094	-.0083	-.1434			
.857				-.0888						
.882									-.1202	
.865		-.1838								
.879			-.1328							
.900		-.0895			-.0581			-.1027		
.902				-.0785						

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(1) = -8.319 BETAO (2) = -1.883

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.919			-.0790							
.950					-.0135	-.0597	-.0726			
.953				-.0812						
.955			-.0803							
.965		-.0596								
1.000				-.2937		-.1838		-.2982		

ALPHAO(1) = -8.080 BETAO (3) = .391

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1597	-.0081	-.0305	.2038	.4853	.4269	.3930	.4257	-.3701	
.010		-.0194	-.0126	.2893	.5371	.5411	.5398	.5204		
.020		-.0329	.0040	.2715	.4821	.4788	.4870	.5101	-.0915	
.040			.0118	.2217						
.041	-.1388									
.050		-.0354			.3408	.3421	.3491	.3885		
.069									-.0957	
.080					.2049					
.081				.1669						
.088			.0797							
.094		-.0631								
.113	-.1284									
.150					.0000	.0648	.1089	.1689		
.157									-.1589	
.183			.1828							
.177				.0526						
.229		.0129								
.248			.0475							
.247	-.0512									
.250					-.0872	-.0628	-.0387	-.0092		
.274				-.0234						
.345									-.1870	
.362		.0985								
.390			-.0298							
.400					-.1686	.0000		-.1883		
.402				-.1519						
.418										-.2986
.429	.0205									
.497		-.0492								
.503									-.2015	
.547	.0250									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(1) = -8.080 BETAO (3) = .391

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.2088	-.2060				
.585				-.1560						
.600								-.2708		
.637			-.0734							
.638	-.1006									
.650							-.2497			
.670									-.1660	
.700		-.0682				-.2247				
.725					.0207					
.727	-.0838									
.730										-.2571
.750							-.1524	-.2135		
.760				.0971						
.775					-.1298	-.2131				
.793	.2383									
.798			.0966							
.808				-.1138						
.834		.1303								
.839			-.1195							
.850					-.1110	-.0883	-.1408			
.857				-.0985						
.862									-.1225	
.865		-.1706								
.879			-.1208							
.900		-.0792			-.0570			-.1142		
.905				-.0974						
.919			-.0994							
.950					-.0314	-.0315	-.0685			
.953				-.0864						
.955			-.1088							
.985		-.0750								
1.000				-.3025		-.2250		-.2718		

ALPHAO(1) = -8.298 BETAO (4) = 2.522

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7810	.8870	.9720	1.0000
X/CW										
.000	-.1953	-.0441	-.0592	.1855	.4375	.3800	.3271	.3505	-.3418	
.010		-.0605	-.0394	.2647	.4982	.4885	.4891	.4753		
.020		-.0730	-.0251	.2552	.4588	.4374	.4484	.4628	-.0512	
.040			-.0157	.2201						
.041	-.1818									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (PETU35)

ALPHA(1) = -8.299 BETA(4) = 2.522

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.050		-.0848			.3207	.3112	.3223	.3585		
.069									-.0567	
.080					.1913					
.081				.1725						
.086			.0620							
.094		-.0955								
.113	-.1430									
.150					.0000	.0579	.1196	.1440		
.157									-.1210	
.163			.1631							
.177				.0695						
.229		.0094								
.246			.0357							
.247	-.0730									
.250					-.0634	-.0589	-.0243	-.0187		
.274				.0037						
.345									-.1510	
.362		.0819								
.390			-.0371							
.400					-.1724	.0000		-.1681		
.402				-.1237						
.418										-.2038
.429	.0159									
.497		-.0495								
.503									-.1700	
.547	.0143									
.550					-.1877	-.2037				
.565				-.1207						
.600								-.2397		
.637			-.0595							
.638	-.1058									
.650							-.2434			
.670									-.1158	
.700		-.0633				-.2124				
.725					.0481					
.727	-.0750									
.730										-.1568
.750							-.1403	-.1604		
.760				.1215						
.775					-.1218	-.1795				
.793	.2396									
.799			.0951							
.808				-.0912						
.834		.1283								
.839			-.1219							

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(1) = -6.299 BETAO (4) = 2.522

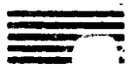
SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.850					-.1133	-.1011	-.0841			
.857				-.0726						
.862									-.0558	
.865		-.1731								
.879			-.1271							
.900		-.0926			-.0685			-.0588		
.905				-.1095						
.919			-.1089							
.950					-.0581	.0188	.0723			
.953				-.0995						
.955			-.1112							
.965		-.0881								
1.000				-.2702		-.2331		-.2175		

ALPHAO(1) = -8.042 BETAO (5) = 4.587

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1941	-.0853	-.0754	.1774	.3862	.4155	.3548	.3774	-.0810	
.010		-.1020	-.0560	.2408	.4584	.5579	.5444	.5125		
.020		-.1110	-.0368	.2240	.4217	.5004	.5059	.5007	-.0755	
.040			-.0261	.1882						
.041	-.1867									
.050		-.1152			.2989	.3770	.3882	.3925		
.069									-.0839	
.080					.1818					
.081				.1413						
.086			.0496							
.094		-.1025								
.113	-.1813									
.150					.0000	.1127	.1574	.1741		
.157									-.1408	
.163			.1481							
.177				.0459						
.229		-.0012								
.248			.0295							
.247	-.0741									
.250					-.0600	.0078	.0103	.0093		
.274				-.0238						
.345									-.1388	
.362		.0784								
.390			-.0397							



ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(1) = -8.042 BETAO (5) = 4.587

SECTION (11LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.400					-.0961	.0000		-.1697		
.402				-.1457						
.410										-.0870
.429	.0099									
.497		-.0530								
.503									-.1508	
.547	.0086									
.550					-.1478	-.1656				
.565				-.0842						
.600								-.2523		
.637			.0314							
.638	-.1136									
.650							-.2108			
.670									-.1046	
.700		-.0286				-.1278				
.725					.1129					
.727	-.0805									
.730										-.0989
.750							-.1160	-.1552		
.760				.1530						
.775					-.0821	-.1336				
.793	.2552									
.798			.1599							
.808				-.0567						
.834		.1870								
.839			-.0638							
.850					.0335	-.0255	-.0533			
.857				-.0650						
.862									-.0119	
.865		-.1269								
.879			-.0852							
.900		-.0543			-.0536			-.0404		
.905				-.0835						
.919			-.0823							
.950					-.0309	.0801	.1510			
.953				-.0715						
.955			-.0826							
.965		-.0465								
1.000				-.1582		-.2667		-.1854		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(2) = -4.816 BETAO (1) = -6.870

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0618	.0636	.0650	.3526	.7212	.6729	.6385	.6589	-.2242	
.010		.0000	.0650	.4177	.6372	.6780	.6773	.6289		
.020		.0516	.0744	.3532	.5549	.5710	.5864	.5920	.0534	
.040			.0796	.2652						
.041	-.0498									
.050		.0586			.3819	.3765	.3988	.4312		
.069									.0000	
.080					.2033					
.081				.1682						
.086			.1298							
.094		.0269								
.113	-.0449									
.150					.0000	.0591	.1069	.1594		
.157									-.0944	
.163			.2005							
.177				.0469						
.229		.0321								
.248			.0534							
.247	.0047									
.250					-.1192	-.0997	-.0841	-.0301		
.274				-.0754						
.345									-.1477	
.382		.1018								
.390			-.0628							
.400					-.2251	-.2377		-.2153		
.402				-.1990						
.418										-.3092
.429	.0494									
.497		-.0455								
.503									-.1819	
.547	.0442									
.550					-.2556	-.2895				
.565				-.2188						
.600								-.2923		
.637			-.1877							
.638	-.0935									
.650							-.2978			
.670									-.1855	
.700		-.1153				-.2717				
.725					-.2104					
.727	-.1081									
.730										-.3300
.750							-.2182	-.2318		
.760				-.0150						
.775					-.2759	-.3857				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(2) = -4.215 BETAO (1) = -5.870

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0267									
.798			.0331							
.808				-.1235						
.834		.1118								
.839			-.0863							
.850					-.1370	-.2784	-.2026			
.857				-.0686						
.862									-.1529	
.865		-.1312								
.879			-.0612							
.900		-.0442			-.0899			-.1474		
.905				-.0819						
.919			-.0857							
.950					-.0340	-.1748	-.1411			
.953				-.0477						
.955			-.0660							
.965		-.0419								
1.000				-.2702		-.2150		-.2502		

ALPHAO(2) = -4.211 BETAO (2) = -3.827

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0985	.0389	.0313	.3163	.6857	.6108	.5782	.6003	-.2582	
.010		.0000	.0365	.3799	.6028	.6354	.6386	.5893		
.020		.0308	.0461	.3227	.5075	.5421	.5515	.5577	.0218	
.040			.0487	.2378						
.041	-.0911									
.050		.0218			.3433	.3561	.3796	.4025		
.069									.0000	
.080					.1900					
.081				.1530						
.088			.0999							
.094		-.0067								
.113	-.0891									
.150					.0000	.0456	.0961	.1503		
.157									-.1150	
.163			.1780							
.177				.0286						
.229		.01								
.245			.0355							
.247	-.0152									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETJ55)

ALPHAO(2) = -4.211 BETAO (2) = -3.827

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1217	-.1072	-.0713	-.0345		
.274				-.0837						
.345									-.1648	
.362		.0895								
.390			-.0672							
.400					-.2254	-.2474		-.2160		
.402				-.1871						
.418										-.3433
.429	.0302									
.497		-.0570								
.503									-.1937	
.547	.0205									
.550					-.2540	-.2651				
.565				-.2134						
.600								-.2979		
.637			-.1663							
.638	-.1021									
.650							-.2961			
.670									-.1924	
.700		-.1386				-.2664				
.725					-.1363					
.727	-.1193									
.730										-.3764
.750							-.2148	-.2365		
.760				.0007						
.775					-.2343	-.3601				
.793	.1009									
.798			.0449							
.808				-.1270						
.834		.1041								
.839			-.1113							
.850					-.1379	-.2282	-.1983			
.857				-.0776						
.862									-.1582	
.865		-.1590								
.879			-.0804							
.900		-.0645			-.0908			-.1521		
.905				-.0765						
.919			-.0849							
.950					-.0375	-.1341	-.1360			
.953				-.0669						
.955			-.0855							
.965		-.0736								
1.000				-.2838		-.2028		-.2683		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RET'035)

ALPHAO(2) = -4.194 BETAO (3) = .385

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2980	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1588	-.0526	-.0407	.2303	.5151	.5007	.4567	.4732	-.3254	
.010		.0000	-.0221	.2941	.4916	.5394	.5468	.4988		
.020		-.0649	-.0066	.2484	.4337	.4521	.4812	.4745	-.0616	
.040			-.0005	.1781						
.041	-.1533									
.050		-.0532			.2859	.2957	.3208	.3418		
.069									.0000	
.080					.1543					
.081				.1162						
.086			.0617							
.094		-.0815								
.113	-.1530									
.150					.0000	.0126	.0534	.1174		
.157									-.1645	
.183			.1457							
.177				.0075						
.229		-.0117								
.246			.0175							
.247	-.0788									
.250					-.1088	-.1134	-.0992	-.0503		
.274				-.0679						
.345									-.2010	
.362		.0668								
.390			-.0688							
.400					-.2013	-.2377		-.2265		
.402				-.1808						
.418										-.3799
.429	.0021									
.497		-.0757								
.503									-.2202	
.547	.0025									
.550					-.2440	-.2487				
.565				-.2040						
.600								-.3008		
.637			-.1241							
.638	-.1258									
.650							-.2815			
.670									-.2059	
.700		-.1153				-.2483				
.735					0333					
.727	-.1141									
.738										-.2127
.750							-.1900	-.2480		
.760				.0509						
.775					-.1689	-.2830				

ARC97-019 IA81 EVAPIALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(2) = -4.194 BETAO (3) = .385

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.1791									
.798			.0568							
.808				-.1391						
.834		.0831								
.839			-.1476							
.850					-.1447	-.1012	-.1748			
.857				-.1465						
.862									-.1531	
.865		-.1932								
.879			-.1538							
.900		-.1140			-.1262			-.1520		
.905				-.1193						
.919			-.1248							
.950					-.0445	-.1060	-.1266			
.953				-.1039						
.955			-.1257							
.965		-.1108								
1.000				-.3061		-.2229		-.2525		

ALPHAO(2) = -4.155 BETAO (4) = 4.561

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2088	-.1008	-.0914	.1796	.4185	.4476	.4331	.4737	-.1534	
.010		.0000	-.0663	.2289	.4119	.5221	.5296	.4937		
.020		-.1303	-.0441	.2012	.3657	.4566	.4755	.4714	-.0680	
.040			-.0318	.1568						
.041	-.2063									
.050		-.1362			.2375	.3158	.3379	.3406		
.089									.0000	
.080					.1289					
.081				.1025						
.086			.0400							
.094		-.1325								
.113	-.1972									
.150					.0000	.0492	.1025	.1207		
.157									-.1671	
.163			.1270							
.177				-.0023						
.229		-.0291								
.246			.0049							
.247	-.1154									

ARC97-018 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(2) = -4.195 BETAO (4) = 4.581

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.9730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.0563	-.0623	-.0461	-.0508		
.274				-.0631						
.345									-.1789	
.362		.0567								
.390			-.0657							
.400					-.1623	-.1690		-.2126		
.402				-.1563						
.418										-.0850
.429	-.0158									
.497		-.0762								
.503									-.1854	
.547	-.0081									
.550					-.1778	-.1979				
.565				-.1032						
.600								-.2826		
.637			.0532							
.638	-.1294									
.650							-.2481			
.670									-.1433	
.700		.0359				-.1770				
.725					.0732					
.727	-.0875									
.730										-.0977
.750							-.1538	-.2182		
.760				.1130						
.775					-.1139	-.1874				
.793	.2381									
.798			.1149							
.808				-.0994						
.834		.1410								
.839			-.0995							
.850					-.0872	-.0655	-.1208			
.857				-.0878						
.862									-.0853	
.865		-.1552								
.879			-.0989							
.900		-.0626			-.0719			-.0923		
.905				-.0967						
919			-.0937							
.950					-.0502	.0145	.0681			
.953				-.0851						
955			-.0940							
965		-.0746								
1.000				-.1046		-.2592		-.2203		

ARC87-018 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(2) = -4.130 BETAO (5) = 6.823

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.000	-.2178	-.1414	-.0818	.2499	.4690	.3899	.3517	.4128	-.2114	
.010		.0000	-.0041	.2987	.4607	.4658	.4810	.4511		
.020		-.1003	.0291	.2702	.4138	.4089	.4125	.4382	-.1078	
.040			.0488	.2359						
.041	-.2280									
.050		-.1854			.2811	.2770	.2838	.3134		
.069									.0000	
.080					.1501					
.081				.1690						
.086			.1092							
.094		-.1404								
.113	-.2043									
.150					.0000	.0479	.0735	.1071		
.157									-.1800	
.163			.2283							
.177				.0714						
.229		-.0363								
.246			.0713							
.247	-.1258									
.250					-.0616	-.0570	-.0494	-.0406		
.274				-.0108						
.345									-.1756	
.382		.1443								
.390			-.0189							
.400					-.1447	-.1804		-.2004		
.402				-.1189						
.418										-.0974
.429	.0108									
.497		-.0191								
.503									-.1869	
.547	.0849									
.550					-.1830	-.1988				
.565				-.1278						
.600								-.2726		
.637			-.0779							
.638	-.0881									
.650							-.2265			
.670									-.1314	
.700		-.0708				-.1255				
.725					.0812					
.727	-.0839									
.730										-.0981
.750							-.1381	-.1916		
.760				.1187						
.775					-.1027	-.1345				

ARC97-019 I/: LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(2) = -4.139 BETAO (0) = 6.623

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.783	.2418									
.798			.1155							
.808				-.1070						
.834		.1426								
.839			-.1134							
.850					-.0992	-.0586	-.0634			
.857				-.1199						
.862									-.0635	
.865		-.1543								
.879			-.1375							
.900		-.1143			-.0944			-.0793		
.905				-.1408						
.919			-.1427							
.950					-.0695	.0186	.1312			
.953				-.1298						
.955			-.1388							
.965		-.1205								
1.000				-.1232		-.2686		-.2140		

ALPHAO(3) = -2.110 BETAO (1) = -5.871

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0719	.0569	.0606	.3597	.7372	.7050	.6791	.6947	-.1386	
.010		.0000	.0483	.3816	.62	.6512	.6522	.5827		
.020		.0295	.0512	.3127	.[illegible]	.5378	.5471	.5384	.0663	
.040			.0551	.2186						
.041	-.0713									
.050		.0396			.300	.3337	.3482	.3680		
.069									.0000	
.080					.1489					
.081				.1112						
.086			.0369							
.094		.0156								
.113	-.0588									
.130					.0000	-.0004	.0599	.1024		
.151									-.1 [illegible]	
.163			.1598							
.177				.0003						
.209		-.0005								

ARC97-019 IA81 LVAP(ALLML SEALED) LEFT WING TOP (RETU35)

ALPHA0(3) = -2.110 BETA0 (1) = -5.871

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1438	-.1420	-.1153	-.0782		
.274				-.1266						
.345									-.1675	
.382		.0719								
.390			-.1025							
.400					-.2689	-.2825		-.2517		
.402				-.2213						
.418										-.2009
.429	.0110									
.497		-.0722								
.503									-.2082	
.547	.0174									
.550					-.2926	-.307.				
.565				-.2547						
.600								-.3207		
.637			-.2017							
.638	-.1262									
.650							-.3337			
.670									-.2239	
.700		-.1604				-.3220				
.725					-.2689					
.727	-.1351									
.730										-.2514
.750							-.279-	-.2651		
.760				-.0877						
.775					-.3320	-.3886				
.793	-.0899									
.798			-.033-							
.808				-.1715						
.834		.0408								
.838			-.1314							
.850					-.2122	-.3138	-.2407			
.857				-.1238						
.852									-.1930	
885		-.1804								
.879			-.0915							
.900		0700			-.1532			-.1826		
.905				-.1015						
918			-.0837							
950					-.0994	-.2832	-.1942			
.953				-.0788						
.955			-.0785							
.955		-.0660								
1.000				-.2691		-.2590		-.2554		

ARC97-019 IAB1 LVAP(ALL HL SEALED) LEFT WING TOP (RETU35)

ALPHAO(3) = -2.109 BETAO (2) = -1.724

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2930	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1374	.0172	-.0319	.2782	.6304	.5980	.5882	.6011	-.2058	
.010		.0000	-.0261	.3147	.5227	.5805	.5894	.5203		
.020		-.0343	-.0087	.2544	.4508	.4856	.4919	.4832	.0009	
.040			.0022	.1708						
.041	-.1471									
.050		-.0398			.2712	.2992	.3044	.3268		
.069									.0000	
.080					.1295					
.081				.0849						
.086			.0704							
.094		-.0609								
.113	-.1449									
.150					.0000	-.0075	.0392	.0739		
.157									-.1467	
.163			.1225							
.177				-.0149						
.229		-.0268								
.246			-.0100							
.247	-.0606									
.250					-.1680	-.1454	-.1215	-.0929		
.274				-.1207						
.345									-.1932	
.362		.0450								
.390			-.1046							
.400					-.2558	-.2795		-.2610		
.402				-.2214						
.418										-.2473
.429	-.0129									
.497		-.0963								
.503									-.2255	
.547	-.0152									
.550					-.2892	-.3058				
.565				-.2452						
.600								-.3279		
.637			-.1985							
.638	-.1416									
.650							-.3329			
.670									-.2310	
.700		-.1619				-.3058				
.725					-.1470					
.727	-.1338									
.730										-.1797
.750							-.2945	-.2779		
.760				-.0360						
.775					-.2483	-.3828				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(3) = -2.109 BETAO (2) = -1.724

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0474									
.798			.0086							
.808				-.1589						
.834		.0642								
.839			-.1444							
.850					-.1912	-.2314	-.2438			
.857				-.1457						
.862									-.1874	
.865		-.1765								
.879			-.1399							
.900		-.1213			-.1585			-.1994		
.905				-.1137						
.919			-.1248							
.950					-.0815	-.1602	-.1877			
.953				-.1024						
.955			-.1232							
.965		-.1174								
1.000				-.2918		-.2128		-.2753		

ALPHAO(3) = -2.081 BETAO (3) = 2.471

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2156	-.0909	-.0943	.2503	.5350	.4941	.4744	.5708	-.2132	
.010		.0000	-.0687	.2750	.4562	.4925	.4888	.5058		
.020		-.1174	-.0491	.2233	.3924	.4132	.4065	.4147	-.0035	
.040			-.0380	.1504						
.041	-.2035									
.050		-.1161			.2304	.2416	.2409	.3307		
.069									.0000	
.080					.0985					
.081				.0738						
.086			.0307							
.094		1441								
.113	-.1978									
.150					.0000	-.0329	.0007	.1007		
.157									-.1440	
.183			.1088							
.177				-.0339						
.229		-.0382								
.248			-.0145							
.247	-.1348									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(3) = -2.081 BETAO (3) = 2.471

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1521	-.1672	-.1514	-.0879		
.274				-.1032						
.345									-.1898	
.382		.0370								
.390			-.1000							
.400					-.2383	-.2784		-.2400		
.402				-.2093						
.418										-.1979
.429	-.0208									
.497		-.0974								
.503									-.1998	
.547	-.0272									
.550					-.2729	-.2775				
.565				-.2258						
.600								-.3129		
.637			-.1561							
.638	-.1455									
.650							-.2893			
.670									-.1757	
.700		-.1358				-.2604				
.725					-.0539					
.727	-.1228									
.730										-.0298
.750							-.2103	-.2550		
.780				.0387						
.775					-.1882	-.2693				
.793	.1518									
.798			.0431							
.808				-.1566						
.834		.0681								
.839			-.1837							
.850					-.1715	-.0854	-.1831			
.857				-.1695						
.862									-.1488	
.865		-.2076								
.879			-.1843							
.900		-.1288			-.1602			-.1424		
.905				-.1707						
.919			-.1510							
.950					-.0414	-.0810	-.1191			
.953				-.1273						
.955			-.1409							
.965		-.1460								
1.000				-.2554		-.2163		-.2479		

ARC97-019 IA81 LVAP(ALLML SEALED) LEFT WING TOP (RETU35)

ALPHAO(3) = -2.052 BETAO (4) = 8.607

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2319	-.1877	.0223	.2594	.5578	.4856	.4318	.4828	-.1753	
.010		.0000	.0380	.2575	.4544	.4703	.4248	.4134		
.020		-.1932	.0533	.2891	.3909	.3864	.3552	.3783	-.0782	
.040			.0826	.1908						
.041	-.2409									
.050		-.1886			.2474	.2228	.2180	.2483		
.069									.0000	
.080					.1259					
.081				.1329						
.086			.1019							
.094		-.1702								
.113	-.2432									
.150					.0000	-.0167	.0019	.0314		
.157									-.1966	
.163			.1890							
.177				.0412						
.229		-.0508								
.246			.0476							
.247	-.1612									
.250					-.1044	-.1231	-.1229	-.1130		
.274				-.0399						
.345									-.2067	
.362		.1267								
.390			-.0449							
.400					-.1771	-.2238		-.2588		
.402				-.1552						
.418										-.0671
.429	.0861									
.497		-.0353								
.503									-.2284	
.547	.0454									
.550					-.2024	-.2417				
.565				-.1430						
.600								-.3066		
.637			-.1082							
.638	-.0827									
.650							-.2819			
.670									-.1694	
.700		-.0873				-.2340				
.725					.0210					
.727	-.0788									
.730										-.1438
.750							-.1850	-.2504		
.760				.0949						
.775					-.1227	-.1701				

ARC97-018 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(3) = -2.052 BETAO (4) = 6.807

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.1956									
.798			.0930							
.808				-.1172						
.834		.1203								
.839			-.1277							
.850					-.1155	-.0755	-.1543			
.857				-.1392						
.862									-.1270	
.865		-.1708								
.879			-.1514							
.900		-.1229			-.1256			-.1208		
.905				-.1609						
.919			-.1520							
.950					-.1101	-.0410	.0288			
.953				-.1507						
.955			-.1530							
.965		-.1381								
1.000				-.1513		-.2756		-.2536		

ALPHAO(4) = .004 BETAO (1) = -5.872

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0774	.0678	.0651	.3746	.7693	.7446	.7263	.7339	-.0268	
.010		.0000	.0437	.3680	.5630	.6230	.6252	.5325		
.020		.0213	.0398	.2828	.4613	.5020	.5079	.4809	.0802	
.040			.0401	.1780						
.041	-.0339									
.050		.0239			.25	.2851	.2978	.2895		
.059									.0000	
.080					.0941					
.081				.0620						
.086			.0773							
.094		.0011								
.113	.0690									
.150					.0000	-.0545	.0097	.0389		
.152									-.1179	
.163			.1191							
.177				-.0538						
.229		-.0229								
.235			-.0238							
.247	-.0387									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(4) = .004 BETAO (1) = -5.872

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1987	-.1959	-.1598	-.1226		
.274				-.1673						
.345									-.1912	
.382		.0502								
.390			-.1358							
.400					-.3056	-.3140		-.2880		
.402				-.2533						
.418										-.0871
.429	.0018									
.497		-.0911								
.503									-.2387	
.547	.0020									
.550					-.3255	-.3476				
.565				-.2741						
.600								-.3515		
.637			-.2243							
.638	-.1432									
.650							-.3639			
.670									-.2581	
.700		-.1794				-.3517				
.725					-.2923					
.727	-.1471									
.730										-.0503
.750							-.3153	-.2945		
.760				-.1542						
.775					-.3584	-.4202				
.793	-.1323									
.798			-.0986							
.808				-.2252						
.834		-.0293								
.839			1756							
.850					-.2089	-.3341	-.2838			
.857				-.1551						
.862									-.2422	
.865		-.1885								
.879			-.1099							
.900		-.0740			-.1904			-.2078		
.905				-.1324						
.919			-.1038							
.950					-.1498	-.3840	-.2255			
.953				-.1039						
.955			-.0868							
.985		-.0801								
1.000				-.2682		-.2912		-.2584		

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHA0(4) = .007 BETA0 (2) = -3.838

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.8720	1.0000
X/CW										
.000	-.1034	.0148	.0123	.3344	.7198	.7048	.6796	.6916	-.0545	
.010		.0000	.0036	.3331	.5176	.5962	.5888	.5006		
.020		.0036	.0075	.2546	.4347	.4833	.4800	.4517	.0517	
.040			.0118	.1596						
.041	-.0983									
.050		.0059			.2367	.2743	.2804	.2749		
.069									.0000	
.080					.0839					
.081				.0527						
.086			.0813							
.094		-.0334								
.113	-.1099									
.150					.0000	-.0550	.0018	.0220		
.157									-.1342	
.163			.1057							
.177				-.0491						
.229		-.0389								
.246			-.0326							
.247	-.0757									
.250					-.1906	-.1930	-.1601	-.1345		
.274				-.1696						
.345									-.2042	
.362		.0389								
.390			-.1449							
.400					-.3073	-.3049		-.2898		
.402				-.2599						
.418										-.0971
.429	-.0186									
.497		-.1084								
.503									-.2450	
.547	-.0209									
.550					-.3282	-.3442				
.565				-.2714						
.600								-.3513		
.637			-.2278							
.638	-.1485									
.650							-.3618			
.670									-.2657	
.700		-.1835				-.3534				
.725					-.2871					
.727	.1550									
.730										-.0899
.750							-.3630	-.3070		
.760				-.1188						
.775					-.3449	-.4202				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(4) = .007 BETAO (2) = -3.836

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1102									
.798			-.0745							
.808				-.2048						
.834		-.0024								
.839			-.1718							
.850					-.2409	-.3268	-.2773			
.857				-.1780						
.862									-.2282	
.865		-.1819								
.879			-.1433							
.900		-.1151			-.1938			-.2203		
.905				-.1451						
.919			-.1277							
.950					-.1454	-.3221	-.2263			
.953				-.1185						
.955			-.1165							
.965		-.1025								
1.000				-.2801		-.2741		-.2874		

ALPHAO(4) = .018 BETAO (2) = .384

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1814	-.0744	-.1014	.2515	.6153	.6151	.5953	.6022	-.1219	
.010		.0000	-.0982	.2638	.4504	.5276	.5263	.4332		
.020		-.0922	-.0735	.2034	.3780	.4245	.4251	.3907	-.0209	
.040			-.0594	.1237						
.041	-.1788									
.050		-.0798			.2008	.2358	.2350	.2268		
.069									.0000	
.080					.0686					
.081				.0412						
.088			.0241							
.094		-.1082								
.113	-.1779									
.150					.0000	-.0695	-.0271	-.0071		
.157									-.1747	
.183			.0858							
.177				-.0521						
.229		-.0649								
.248			-.0428							
.247	-.1292									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(4) = .019 BETAO (3) = .354

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1823	-.1920	-.1801	-.1592		
.274				-.1611						
.345									-.2272	
.382		.0224								
.390			-.1382							
.400					-.2855	-.3170		-.3037		
.402				-.2448						
.418										-.0502
.429	-.0313									
.497		-.1208								
.503									-.2518	
.547	-.0377									
.550					-.3073	-.3477				
.565				-.2725						
.600								-.3603		
.637			-.2252							
.638	-.1718									
.650							-.3641			
.670									-.2418	
.700		-.1838				-.3378				
.725					-.1450					
.727	-.1588									
.730										-.2100
.750							-.2989	-.3183		
.760				-.0687						
.775					-.2535	-.3305				
.793	.0496									
.798			-.0095							
.808				-.1793						
.834		.0483								
.839			-.1873							
.850					-.2257	-.1862	-.2723			
.857				-.1754						
.862									-.2317	
.865		-.1925								
.879			-.1743							
.900		-.1534			-.2101			-.2138		
.905				-.1726						
.919			-.1759							
.93[illegible]					-.1472	-.1795	-.2268			
.953				-.1480						
.955			-.1641							
.965		-.1583								
1.000				-.3104		-.2463		-.2897		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(4) = .011 BETAO (4) = 4.521

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2479	-.1262	-.1350	.2367	.6548	.6371	.6033	.5926	-.0039	
.010		.0000	-.0927	.2313	.3959	.5116	.4849	.3923		
.020		-.1819	-.0649	.1731	.4051	.4118	.3849	.3548	-.0107	
.040			-.0486	.1107						
.041	-.2392									
.050		-.1693			.2565	.2252	.2035	.1946		
.069									.0000	
.080					.1306					
.081				.0450						
.086			.0087							
.094		-.1688								
.113	-.2318									
.150					.0000	-.0658	-.0303	-.0156		
.157									-.1783	
.163			.0795							
.177				-.0538						
.229		-.0590								
.246			-.0319							
.247	-.1751									
.250					-.1632	-.1792	-.1647	-.1582		
.274				-.1001						
.345									-.2256	
.362		.0237								
.390			-.1100							
.400					-.2391	-.2795		-.3060		
.402				-.1898						
.418										-.0768
.429	-.0360									
.497		-.1039								
.503									-.2581	
.547	-.0315									
.550					-.2488	-.2910				
.565				-.1822						
.600								-.3574		
.637			-.0092							
.638	-.1452									
.650							-.3487			
.670									-.2587	
.700		-.0002				-.2799				
.725					-.0328					
.727	-.0292									
.730										-.2813
.750							-.2890	-.3092		
.760				.0725						
.775					-.1888	-.2491				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(4) = .011 BETAO (4) = 4.521

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.783	.1927									
.798			.0731							
.808				-.1346						
.834		.1009								
.839			-.1308							
.850					-.1455	-.1172	-.2320			
.857				-.1391						
.862									-.2315	
.865		-.1723								
.879			-.1458							
.900		-.1152			-.1383			-.1879		
.905				-.1511						
.919			-.1407							
.950					-.1072	-.1255	-.1536			
.953				-.1290						
.955			-.1311							
.965		-.1165								
1.000				-.2432		-.2748		-.2944		

ALPHAO(4) = .022 BETAO (5) = 6.587

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2418	-.1742	-.0171	.3083	.5913	.5593	.5025	.5436	-.0148	
.010		.0000	.0161	.2859	.4317	.4642	.4263	.3738		
.020		-.2099	.0260	.2365	.3676	.3660	.3352	.3391	-.0446	
.040			.0378	.1818						
.041	-.2518									
.050		-.2044			.2153	.1937	.1745	.1918		
.069									.0000	
.080					.0898					
.081				.1043						
.086			.0740							
.094		-.1828								
.113	-.2501									
.150					.0000	-.0800	-.0493	-.0183		
.157									-.1927	
.163			.1450							
.177				-.0113						
.229		-.0038								
.246			.0378							
.247	-.1898									

ARC97-019 1A81 LVAP(ALLML SEALED) LEFT WING TOP (RETU35)

ALPHAO(4) = .022 BETAO (5) = 6.587

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1454	-.1761	-.1772	-.1624		
.274				-.0793						
.345									-.2189	
.362		.1066								
.390			-.0622							
.400					-.2128	-.2710		-.3078		
.402				-.1850						
.418										-.0845
.429	.0889									
.497		-.0369								
.503									-.2364	
.547	.0432									
.550					-.2398	-.2844				
.565				-.1598						
.600								-.3504		
.637			-.1246							
.638	-.0840									
.650							-.3245			
.670									-.2497	
.700		-.0978				-.2780				
.725					-.0328					
.727	-.0875									
.730										-.3074
.750							-.2428	-.2981		
.760				.0631						
.775					-.1499	-.2697				
.793	.1416									
.798			.0756							
.808				-.1237						
.834		.1037								
.839			-.1300							
.850					-.1277	-.0940	-.2070			
.857				-.1432						
.862									-.2128	
.865		-.1684								
.879			-.1530							
.900		-.1197			-.1328			-.1811		
.905				-.1857						
.918			-.1804							
.930					-.1201	-.0748	-.1421			
.952				-.1581						
.955			-.1842							
.965		-.1488								
1.000				-.1792		-.2767		-.3077		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(5) = 2.066 BETAO (1) = -5.888

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0194	.0289	.0631	.4002	.7939	.7799	.7877	.7588	.0720	
.010		.0006	.0301	.3576	.5093	.5897	.5876	.4853		
.020		-.0056	.0215	.2502	.4174	.4556	.4602	.4227	.0694	
.040			.0253	.1407						
.041	-.0210									
.050		-.0136			.2024	.2333	.2417	.2375		
.069									.0000	
.080					.0434					
.081				.0204						
.086			.0542							
.094		-.0228								
.113	-.0904									
.150					.0000	-.1013	-.0456	-.0206		
.157									-.1375	
.163			.0793							
.177				-.1038						
.229		-.0446								
.246			-.0588							
.247	-.0783									
.250					-.2475	-.2382	-.2068	-.1713		
.274				-.1876						
.345									-.2063	
.362		.0214								
.399			-.1646							
.400					-.3263	-.3532		-.3236		
.402				-.2871						
.418										.0547
.429	-.0219									
.497		-.1087								
.503									-.2403	
.547	-.0152									
.550					-.3812	-.3852				
.565				-.2937						
.600								-.3785		
.637			-.2443							
.638	-.1958									
.650							-.3358			
.670									-.3171	
.700		-.1868				-.3862				
.725					-.3213					
.727	-.1627									
.730										-.2815
.750							-.3375	-.3305		
.760				-.1923						
.775					-.3781	-.4502				

ARL87-019 IASI LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(5) = 2.000 BETAO (1) = -5.000

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.783	-.1578									
.798			-.1423							
.808				-.2716						
.834		-.0768								
.839			-.2163							
.850					-.3241	-.3767	-.3268			
.857				-.2050						
.862									-.3268	
.865		-.2128								
.879			-.1538							
.900		-.1151			-.2319			-.2207		
.905				-.1713						
.919			-.1326							
.950					-.1867	-.4473	-.2484			
.953				-.1487						
.955			-.1109							
.965		-.1074								
1.000				-.2085		-.3357		-.2815		

ALPHAO(5) = 2.063 BETAO (2) = -1.746

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.000	-.1088	-.0554	-.0533	.3162	.0884	.7083	.6843	.8798	.0160	
.010		.0000	-.0552	.2858	.7484	.5338	.5199	.4168		
.020		-.0675	-.0408	.1828	.4988	.4128	.4050	.3848	.0098	
.048			-.0295	.0878						
.061	-.0887									
.063		-.0503			.1887	.2054	.2039	.1898		
.080									.0000	
.080					.0239					
081				-.0062						
.088			.0058							
.094		-.0888								
.113	-.1837									
.150					.0000	-.1180	-.0853	-.0449		
157									-.1770	
.183			.0481							
.177				-.1045						
.220		-.0870								
.248			-.0894							
.247	-.1887									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(5) = 2.063 BETAO (2) = -1.748

SECTION ( )LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2391	-.2429	-.2137	-.1888		
.274				-.1337						
.345									-.2318	
.362		.0040								
.390			-.1667							
.400					-.3286	-.3476		-.3365		
.402				-.2852						
.418										.0017
.429	-.0509									
.497		-.1288								
.503									-.2677	
.547	-.0401									
.550					-.3515	-.3745				
.565				-.2900						
.600								-.3845		
.637			-.2465							
.638	-.1716									
.650							-.3968			
.670									-.3110	
.700		-.2038				-.3033				
.725					-.3111					
.727	-.1767									
.730										-.3367
.750							-.3523	-.3305		
.760				-.1478						
.775					-.3543	-.4396				
.793	-.1302									
.798			-.1062							
.808				-.2258						
.834		-.0327								
.839			-.1930							
.850					-.25[illegible]	-.3561	-.3208			
.857				-.1958						
.862									-.3123	
.865		-.1945								
.879			-.1578							
.900		-.1262			-.2225			-.2163		
.905				-.1578						
.919			-.1420							
.950					-.1808	-.3140	-.2607			
.953				-.1372						
955			-.1394							
965		-.1339								
1.000				-.2693		-.2748		-.2988		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(5) = 2.078 BETAO (3) = 2.458

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2083	-.1072	-.1713	.2812	.6041	.6200	.6022	.7077	.1520	
.010		.0000	-.1596	.2376	.3715	.4540	.4478	.4197		
.020		-.1483	-.1325	.1690	.2985	.3447	.3410	.3690	.0487	
.040			-.0971	.0887						
.041	-.1783									
.050		-.1353			.1291	.1564	.1527	.1929		
.069									.0000	
.080					-.0005					
.081				-.0095						
.086			-.0049							
.094		-.1681								
.113	-.2143									
.150					.0000	-.1309	-.0933	-.0370		
.157									-.1461	
.163			.0604							
.177				-.0975						
.229		-.0780								
.246			-.0603							
.247	-.1840									
.250					-.2287	-.2506	-.2266	-.1761		
.274				-.1905						
.345									-.2099	
.362		.0112								
.390			-.1529							
.400					-.3120	-.3480		-.3164		
.402				-.2611						
.418										-.1066
.429	-.0381									
.497		-.1248								
.503									-.2523	
.547	-.0466									
.550					-.3280	-.3654				
.565				-.2814						
.600								-.3638		
.637			-.2261							
.638	-.1703									
.650							-.3697			
.670									-.3386	
.700		-.1878				-.3259				
.725					-.1541					
.727	-.1691									
.730										-.4232
.750							-.3079	-.2908		
.760				-.0740						
.775					-.2575	-.3518				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(5) = 2.078 BETAO (3) = 2.458

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0685									
.798			-.0233							
.808				-.1899						
.834		.0301								
.839			-.1846							
.850					-.2089	-.1553	-.2765			
.857				-.1943						
.862									-.3197	
.865		-.2084								
.879			-.1938							
.900		-.1672			-.1898			-.2014		
.905				-.1978						
.919			-.1951							
.950					-.1300	-.1537	-.1968			
.953				-.1694						
.955			-.1770							
.965		-.1815								
1.000				-.2638		-.2326		-.3174		

ALPHAO(5) = 2.104 BETAO (4) = 6.587

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2438	-.1713	-.2081	.3053	.6137	.5869	.5460	.5642	.0351	
.010		.0000	-.1450	.2488	.3522	.3999	.3660	.2897		
.020		-.2160	-.0542	.1842	.2824	.2984	.2716	.2495	-.0568	
.040			-.0275	.1302						
.041	-.2512									
.050		-.2141			.1373	.1275	.1070	.0991		
.069									.0000	
.080					.0188					
.081				.0557						
.086			.0589							
.094		-.2047								
.113	-.2543									
.150					.0000	-.1420	-.1118	-.0933		
.157									-.2104	
.163			.1364							
.177				-.0454						
.229		.0393								
.246			.0125							
.247	-.2071									

ARC97-019 IA81 LVAP(ALLML SEALED) LEFT WING TOP (RETU35)

ALPHAO(5) = 2.104 BETAO (4) = 6.587

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2078	-.2421	-.2300	-.2203		
.274				-.1183						
.345									-.2590	
.362		.0949								
.390			-.0891							
.400					-.2581	-.3289		-.3479		
.402				-.2181						
.418										-.3101
.429	.0784									
.497		-.0568								
.503									-.2998	
.547	.0353									
.550					-.2766	-.3288				
.565				-.2007						
.600								-.3831		
.637			-.1681							
.638	-.1008									
.650							-.3773			
.670									-.3557	
.700		-.1387				-.3109				
.725					-.1101					
.727	-.1171									
.730										-.4435
.750							-.3098	-.3370		
.760				-.0128						
.775					-.2038	-.3539				
.793	.0905									
.798			.0420							
.808				-.1381						
.834		.0882								
.839			-.1351							
.850					-.1584	-.1505	-.2674			
.857				-.1478						
.862									-.3172	
.865		-.1845								
.879			-.1573							
.900		-.1253			-.1502			-.2180		
.905				-.1845						
.919			-.1669							
.950					-.1238	-.1097	-.1857			
.953				-.1588						
.955			-.1669							
.965		-.1669								
1.000				-.1816		-.2580		-.3477		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(8) = 4.193 BETAO (1) = -5.872

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.8380	.8990	.3840	.4870	.6340	.6730	.7800	.8870	.8780	1.0000
X/CW										
.000	.0004	.0870	.0456	.4113	.7884	.7941	.7898	.7816	.2398	
.010		.0000	.0125	.3387	.4530	.5382	.5364	.4229		
.020		-.0214	.0051	.2249	.3585	.4013	.4005	.3543	.0817	
.040			.0042	.1068						
.041	-.0173									
.050		-.0259			.1467	.1768	.1774	.1706		
.069									.0000	
.080					-.0128					
.081				-.0281						
.086			.0319							
.094		-.0263								
.113	-.1038									
.150					.0000	-.1541	-.1022	-.0824		
.157									-.1466	
.163			.0424							
.177				-.1718						
.229		-.0591								
.246			-.1036							
.247	-.0686									
.250					-.3167	-.2833	-.2521	-.2164		
.274				-.2393						
.345									-.2340	
.362		-.0112								
.390			-.2059							
.400					-.3703	-.3931		-.3551		
.402				-.3258						
.418										-.1537
.429	-.0418									
.497		-.1350								
.503									-.3111	
.547	-.0429									
.550					-.4011	-.4265				
.565				-.3150						
.600								-.3947		
.637			.2687							
.638	-.1773									
.650							-.4258			
.670									-.4097	
.700		-.2221				-.4217				
.725					-.3457					
.727	-.1872									
.730										-.4308
.750							-.3983	-.3062		
.760				-.2256						
.775					-.3986	-.4641				

ARC87-018 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(6) = 4.193 BETAO (1) = -5.872

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1815									
.798			-.1772							
.808				-.2994						
.834		-.1041								
.839			-.2579							
.850					-.3435	-.4217	-.3582			
.857				-.2635						
.862									-.4923	
.865		-.2353								
.879			-.2209							
.900		-.1607			-.2692			-.2679		
.905				-.2271						
.919			-.1677							
.950					-.2091	-.4984	-.2727			
.953				-.1857						
.955			-.1364							
.965		-.1340								
1.000				-.2777		-.3285		-.3227		

ALPHAO(6) = 4.191 BETAO (2) = -3.831

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0737	-.0187	-.0187	.3691	.7458	.7537	.7384	.7394	.1689	
.010		.0000	-.0419	.2838	.4098	.5124	.4927	.3813		
.020		-.0489	-.0448	.1713	.3123	.3749	.3652	.3231	.0193	
.040			-.0397	.0664						
.041	-.0515									
.050		-.0306			.1113	.1574	.1514	.1455		
.069									.0000	
.080					-.0335					
.081				-.0577						
.088			.0070							
.094		-.0829								
.113	-.1405									
.150					.0000	-.1674	-.1123	-.0999		
.157									-.1739	
.163			.0095							
.177				-.1761						
.229		-.0777								
.246			-.1173							
.247	-.0997									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(6) = 4.191 BETAO (2) = -3.831

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.3125	-.2922	-.2574	-.2292		
.274				-.2245						
.345									-.2409	
.362		-.0258								
.390			-.1987							
.400					-.3475	-.3987		-.3615		
.402				-.3206						
.418										-.1749
.429	-.0602									
.497		-.1386								
.503									-.3143	
.547	-.0567									
.550					-.3952	-.4236				
.565				-.3171						
.600								-.4012		
.637			-.2690							
.638	-.1817									
.650							-.4231			
.670									-.4059	
.700		-.2262				-.4217				
.725					-.3453					
.727	-.1997									
.730										-.4496
.750							-.3947	-.3109		
.760				-.2191						
.775					-.3945	-.4677				
.793	-.1817									
.798			-.1778							
.808				-.2899						
.834		-.1047								
.839			-.2568							
.850					-.3276	-.4128	-.3592			
.857				-.2641						
.862									-.4699	
.865		-.2356								
.879			-.2239							
.900		-.1815			-.2708			-.2696		
.905				-.2275						
.919			-.1741							
.952					-.2169	-.4677	-.3789			
.953				-.1841						
.955			-.1403							
.985		-.1444								
1.000				-.2863		-.3409		-.3334		

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(6) = 4.197 BETAO (3) = .381

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1504	-.0876	-.1271	.2739	.6895	.6900	.6770	.6728	.0811	
.010		.0000	-.1298	.1718	.3396	.4437	.4222	.2977		
.020		-.1101	-.1191	.0926	.2525	.3165	.3068	.2418	-.0692	
.040			-.1050	.0153						
.041	-.1372									
.050		-.1037			.0757	.1187	.1066	.0873		
.069									.0000	
.080					-.0546					
.081				-.0718						
.086			-.0698							
.094		-.1338								
.113	-.2055									
.150					.0000	-.1840	-.1375	-.1343		
.157									-.2266	
.163			.0037							
.177				-.1538						
.229		-.1262								
.246			-.0954							
.247	-.1491									
.250					-.2853	-.2965	-.2727	-.2522		
.274				-.2219						
.345									-.2984	
.382		-.0189								
.390			-.1891							
.400					-.3495	-.3920		-.3750		
.402				-.3049						
.418										-.2861
.429	-.0866									
.497		-.1448								
.503									-.3412	
.547	-.0541									
.550					-.3738	-.4172				
.565				-.3056						
.600								-.4115		
.637			-.2885							
.638	-.1928									
.650							-.4247			
.670									-.4105	
.700		-.2286				-.4127				
.725					-.2844					
.727	-.1978									
.730										-.5055
.750							-.4018	-.3372		
.760				-.1895						
.775					-.3483	-.4810				

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(6) = 4.197 BETAO (3) = .361

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1183									
.798			-.1268							
.808				-.2484						
.834		-.0374								
.839			-.2221							
.850					-.2812	-.3693	-.3585			
.857				-.2358						
.862									-.4439	
.865		-.2134								
.879			-.2006							
.900		-.1559			-.2635			-.2761		
.905				-.2056						
.919			-.1754							
.950					-.2189	-.3051	-.2809			
.953				-.1832						
.955			-.1498							
.965		-.1653								
1.000				-.3033		-.2854		-.3571		

ALPHAO(6) = 4.208 BETAO (4) = 4.530

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2284	-.1620	-.2700	.2469	.7154	.6723	.6583	.6177	.0355	
.010		.0000	-.2498	.1553	.3184	.3765	.3441	.2259		
.020		-.1891	-.2087	.0901	.2360	.2530	.2248	.1681	-.1088	
.040			-.1764	.0218						
.041	-.1988									
.050		-.1872			.1869	.1754	.0570	.0276		
.069									.0000	
.080					-.0466					
.081				-.0578						
.086			-.0563							
.094		-.1898								
.113	-.2584									
.150					.0000	-.1928	-.1637	-.1567		
.157									-.2425	
.163			.0239							
.177				-.0860						
.229		-.0983								
.248			-.0681							
.247	-.1878									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(6) = 4.208 BETAO (4) = 4.530

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2980	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2486	-.2933	-.2842	-.2655		
.274				-.1751						
.345									-.3017	
.362		.0039								
.390			-.1211							
.400					-.3248	-.3816		-.3779		
.402				-.2564						
.418										-.3549
.429	-.0427									
.497		-.1226								
.503									-.3551	
.547	-.0449									
.550					-.3317	-.3871				
.565				-.2518						
.600								-.4098		
.637			-.1748							
.638	-.1262									
.650							-.4114			
.670									-.4185	
.700		-.1475				-.3781				
.725					-.1383					
.727	-.1168									
.730										-.5209
.750							-.3911	-.3448		
.760				-.0299						
.775					-.2517	-.3884				
.793	.1070									
.798			.0158							
.808				-.1575						
.834		.0768								
.839			-.1493							
.850					-.2100	-.1788	-.3491			
.857				-.1559						
.862									-.4638	
.865		-.1088								
.879			-.1512							
.900		-.1151			-.1860			-.2749		
.905				-.1582						
.919			-.1505							
.950					-.1482	-.1523	-.2523			
.953				-.1458						
.955			-.1429							
.985		-.1481								
1.000				-.1838		-.2507		-.3832		

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35

ALPHA0(6) = 4.216 BETA0 (5) = 6.589

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2398	-.1928	-.2876	.2797	.5810	.5913	.5918	.5649	-.0135	
.010		.0000	-.2329	.1839	.2737	.3249	.3132	.2011		
.020		-.2353	-.1450	.1247	.2082	.2190	.2199	.1486	-.1325	
.040			-.1148	.0585						
.041	-.2234									
.050		-.2150			.0838	.0499	.0396	.0152		
.069									.0000	
.080					-.0471					
.081				-.0064						
.086			-.0042							
.094		-.2025								
.113	-.2663									
.150					.0000	-.1990	-.1593	-.1642		
.157									-.2547	
.163			.1203							
.177				-.0888						
.229		.0157								
.246			-.0065							
.247	-.2015									
.250					-.2518	-.2961	-.2819	-.2722		
.274				-.1819						
.345									-.3202	
.362		.0835								
.390			-.1149							
.400					-.3065	-.3610		-.3831		
.402				-.2444						
.418										-.4399
.429	.0588									
.497		-.0686								
.503									-.3749	
.547	.0243									
.550					.3055	-.3725				
.565				-.2361						
.600								-.4161		
.637			-.2105							
.638	-.1239									
.650							-.4134			
.670									-.4206	
.720		-.1702				-.3559				
.725					-.1555					
.727	-.1448									
.730										-.5200
.750							-.3813	-.3837		
.760				-.0623						
.775					-.2408	-.3929				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(6) = 4.216 BETAO (5) = 6.589

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.783	.0204									
.798			-.0052							
.808				-.1584						
.834		.0541								
.839			-.1498							
.850					-.1899	-.1783	-.3347			
.857				-.1572						
.862									-.3960	
.865		-.1928								
.879			-.1664							
.900		-.1373			-.1833			-.2894		
.905				-.1708						
.919			-.1728							
.950					-.1511	-.1469	-.2375			
.953				-.1603						
.955			-.1648							
.965		-.1686								
1.000				-.1789		-.2347		-.3801		

ALPHAG(7) = 6.319 BETAO (1) = -3.811

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0872	.0275	-.0388	.3968	.7579	.8002	.7889	.7558	.1233	
.010		.0000	-.0618	.2623	.3665	.4616	.4253	.2857		
.020		-.0341	-.0597	.1440	.2632	.3182	.2948	.2178	-.0898	
.040			-.0463	.0230						
.041	-.0780									
.050		-.0408			.0655	.0991	.0858	.0489		
.069									.0000	
.080					-.0788					
.081				-.1038						
.088			-.0098							
.094		-.0832								
.113	-.1497									
.150					.0000	-.2137	-.1722	-.1813		
.157									-.2464	
.183			-.0248							
.177				-.2421						
.220		-.0729								
.248			-.1621							
.247	-.0441									

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(7) = 6.319 BETAO (1) = -3.811

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.250					-.3638	-.3326	-.3007	-.2761		
.274				-.2875						
.345									-.3414	
.362		-.0522								
.390			-.2399							
.400					-.4188	-.4313		-.3915		
.402				-.3584						
.410										-.3179
.429	-.0844									
.497		-.1863								
.503									-.4007	
.547	-.0876									
.550					-.4204	-.4572				
.565				-.3396						
.600								-.4245		
.637			-.2956							
.638	-.2094									
.650							-.4489			
.670									-.4947	
.700		-.2545				-.4530				
.725					-.3765					
.727	-.2252									
.730										-.5083
.750							-.4258	-.3676		
.760				-.2498						
.775					-.4115	-.4850				
.793	-.2123									
.798			-.2108							
.808				-.3198						
.834		-.1379								
.839			-.2946							
.850					-.3613	-.4883	-.3913			
.857				-.3028						
.862									-.5223	
.865		-.2562								
.879			-.2485							
.880		-.1880			-.3032			-.3246		
.895				-.2732						
.919			-.2252							
.950					.2441	-.5013	-.3273			
.953				-.2338						
.965			-.1685							
.965		-.1[illegible]								
.000				-.[illegible]015		-.3656		-.3751		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHA0(7) = 8.315 BETA0 (2) = -1.716

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/CM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.000	-.1340	.0141	-.0838	.3201	.7251	.7566	.7459	.7027	.0665	
.010		.0000	-.1085	.1879	.3146	.4172	.3722	.2302		
.020		-.0834	-.1028	.0808	.2122	.2757	.2518	.1678	-.1333	
.040			-.0954	-.0300						
.041	-.1275									
.050		-.0873			.0264	.0664	.0541	.0085		
.069									.0000	
.080					-.1104					
.081				-.1376						
.086			-.0663							
.094		-.0057								
.113	-.1759									
.150					.0009	-.2280	-.1910	-.1870		
.157									-.2725	
.163			-.0612							
.177				-.2430						
.228		-.1037								
.246			-.1822							
.247	-.0782									
.250					-.3672	-.3362	-.3154	-.2949		
.274				-.2688						
.345									-.3574	
.362		-.0618								
.390			-.2265							
.400					-.4014	-.4298		-.4028		
.402				-.3445						
.418										-.3812
.428	-.0860									
.497		-.1880								
.503									-.4115	
.547	-.0837									
.550					-.4143	-.4575				
.565				-.3349						
.600								-.4344		
.637			-.2833							
.638	-.2139									
.650							-.4503			
.670									-.5103	
.700		-.2538				-.4502				
[illegible]					-.3882					
.727	-.2248									
.730										-.5266
.750							-.4318	-.3847		
.760				-.2353						
.775					-.4030	-.4732				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(7) = 8.315 BETAO (2) = -1.718

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.8730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.2068									
.798			-.1948							
.808				-.3030						
.834		-.1066								
.839			-.2783							
.850					-.3243	-.4521	-.4047			
.857				-.2886						
.862									-.5268	
.865		-.2377								
.879			-.2425							
.900		-.1676			-.2914			-.3307		
.905				-.2606						
.919			-.2035							
.950					-.2485	-.4543	-.3315			
.953				-.2085						
.955			-.1485							
.965		-.1634								
1.000				-.2999		-.3474		-.3804		

ALPHAO(7) = 8.318 BETAO (3) = .374

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2090	.3640	.4270	.5340	.8730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1785	-.0513	-.1417	.2550	.7143	.7097	.6892	.6413	-.0053	
.010		.0000	-.1585	.1118	.2714	.3547	.3050	.1740		
.020		-.1202	-.1437	.0257	.1684	.2250	.1924	.1125	-.1831	
.040			-.1302	-.0740						
.041	-.1578									
.050		-.1240			.0029	.0258	.0105	-.0384		
.069									.0000	
.080					-.1218					
.081				-.1581						
.088			-.0995							
.094		-.1389								
.113	-.2167									
.150					.0000	-.2433	-.2122	-.2185		
.157									-.2981	
.163			-.0818							
.177				-.2072						
.229		-.1333								
.248			-.1398							
.247	-.1121									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(7) = 8.318 BETAO (3) = .374

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7600	.8870	.9720	1.0000
X/CW										
.250					-.3575	-.3471	-.3274	-.3125		
.274				-.2560						
.345									-.3811	
.382		-.0420								
.390			-.2105							
.400					-.3815	-.4323		-.4137		
.402				-.3314						
.418										-.4113
.429	-.0788									
.497		-.1624								
.503									-.4258	
.547	-.0718									
.550					-.4106	-.4568				
.565				-.3285						
.600								-.4418		
.637			-.2879							
.638	-.2142									
.650							-.4481			
.670									-.5294	
.700		-.2456				-.4442				
.725					-.3252					
.727	-.2113									
.730										-.5386
.750							-.4351	-.3839		
.760				-.2081						
.775					-.3733	-.4777				
.793	-.1891									
.798			-.1841							
.808				-.2838						
.834		-.0539								
.839			-.2543							
.850					-.2998	-.4333	-.4098			
.857				-.2723						
.862									-.5275	
.865		-.2211								
.879			-.2294							
.900		-.1849			-.2892			-.3380		
.905				-.2489						
.919			-.1974							
.950					-.2601	-.3790	-.3277			
.953				-.2004						
.955			-.1539							
.965		-.1782								
1.000				-.2841		-.3072		-.3859		

ARC87-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(7) = 8.321 BETAO (4) = 2.475

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/B/2	.2350	.2990	3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2226	-.1265	-.1868	.1951	.6553	.3523	.6443	.6862	.0027	
.010		.0000	-.2178	.0511	.2218	.3014	.2643	.1805		
.020		-.1681	-.1977	-.0208	.1352	.1853	.1529	.1303	-.1977	
.040			-.1832	-.0538						
.041	-.1765									
.050		-.1613			-.0119	.0035	-.0245	-.0242		
.069									.0000	
.080					-.1253					
.081				-.0980						
.086			-.1349							
.094		-.1598								
.113	-.2433									
.150					.0000	-.2503	-.2159	-.2033		
.157									-.2902	
.163			-.0112							
.177				-.1882						
.229		-.1501								
.246			-.1252							
.247	-.1636									
.250					-.3531	-.3525	-.3078	-.2961		
.274				-.2419						
.345									-.3716	
.362		-.0249								
.390			-.2028							
.400					-.3721	-.4331		-.3933		
.402				-.3206						
.418										-.4156
.429	-.0594									
.497		-.1524								
.503									-.4063	
.547	-.0675									
.550					-.3965	-.4382				
.565				-.3186						
.600								-.4181		
.637			-.2797							
.638	-.1952									
.650							-.4264			
.670									-.5457	
.700		-.2378				-.4289				
.725					-.2382					
.727	-.2065									
.730										-.5421
.750							-.4039	-.3828		
.760				-.1814						
.775					-.3034	-.4507				

ARC97-019 IA8I LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(7) = 6.321 BETAO (4) = 2.475

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1004									
.798			-.1307							
.808				-.2560						
.834		-.0252								
.839			-.2323							
.850					-.2519	-.2937	-.3687			
.857				-.2467						
.862									-.5334	
.865		-.2258								
.879			-.2204							
.900		-.1711			-.2515			-.3265		
.905				-.2217						
.919			-.1996							
.950					-.2079	-.2733	-.2929			
.953				-.1424						
.955			-.1598							
.965		-.1831								
1.000				-.2035		-.2382		-.3816		

ALPHAO(7) = 6.324 BETAO (5) = 4.539

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1509	-.1954	-.1077	-.0291	-.1878	-.1850	-.4319	.2711	.0759	
.010		-.1877	-.1836	-.1726	-.1772	-.2927	-.4344	.1634		
.020		-.1937	.0532	-.1577	-.1628	-.2332	-.4189	-.0171	-.0595	
.040			-.1944	-.1501						
.041	-.2068									
.050		-.1012			-.1502	-.2157	-.4262	-.2273		
.069									-.2217	
.080					.3430					
.081				-.1447						
.088			-.1275							
.094		-.1068								
.113	-.1029									
.150					.0000	-.1855	-.2458	-.3317		
.157									-.3168	
.183			-.1508							
.177				-.2271						
.229		.0000								
.246			-.0853							
.247	-.0518									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU35)

ALPHAO(7) = 8.324 BETAO (5) = 4.539

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					.3668	.5734	-.1986	-.4315		
.274				-.1108						
.345									-.4124	
.362		-.1991								
.390			-.0530							
.400					.3527	.4646		-.4236		
.402				-.0912						
.416										-.0461
.429	-.1727									
.497		- 1091								
.503									-.4339	
.547	-.2264									
.550					.3028	.3609				
.565				.0812						
.600								-.3963		
.637			-.0425							
.638	-.1838									
.650							.5144			
.670									-.3760	
.700		-.1222				.3448				
.725					.3114					
.727	-.1695									
.730										-.2204
.750							.4659	-.3220		
.760				.3154						
.775					.3280	.3055				
.793	-.2170									
.798			.0148							
.808				.2715						
.834		-.2323								
.839			.0481							
.850					.2604	.3133	.3453			
.857				.3119						
.862									-.3331	
.865		-.2001								
.879			.0000							
.900		-.2628			-.1052			.5530		
.905				.2354						
.919			.2868							
.950					-.0348	.0000	.3381			
.953				-.1079						
.965			.0000							
.985		-.1721								

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36) (12 OCT 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 479.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.000 RN/FT = 2.500
ELV-IB = 8.000 ELV-OB = -4.000
RUDDER = .000 SPOBRK = .000

ALPHAO(1) = -6.354 BETAO (1) = -4.160

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
Y/CW										
.000	.0751	.0024	.0583	.3206	.7474	.6869	.6519	.6744	-.1055	
.010		.0000	.0632	.3552	.6384	.6869	.6861	.6412		
.020		.0278	.0697	.3125	.5614	.5992	.6112	.6151	.1059	
.040			.0716	.2334						
.041	.0839									
.050		.0278			.3772	.4217	.4419	.4723		
.069									.0000	
.080					.2309					
.081				.1587						
.096			.1338							
.094		.0126								
.113	.0673									
.150					.0000	.1232	.1875	.2375		
.157									.0007	
.163			.1645							
.177				.0592						
.229		.0622								
.248			.0658							
.247	.0128									
.250					-.0333	-.0076	.0388	.0905		
.274				-.0058						
.345									-.0428	
.362		.1053								
.390			-.0194							
.400					-.1215	-.1206		-.0713		
.402				-.0988						
.418										-.1894
.429	.0698									
.497		.0002								
.503									-.0645	
.547	.0581									
.550					-.1477	-.1442				
.595				-.1178						
.600								-.1439		
.637			-.0981							
.638	-.0341									
.650							-.1518			
.670									-.0818	

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(1) = -8.354 BETAO (1) = -4.160

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.0530				-.1620				
.725					-.1311					
.727	-.0364									
.730										-.2254
.750							-.0874	-.1073		
.760				-.0213						
.775					-.1825	-.1972				
.793	.0771									
.798			.0172							
.808				-.0966						
.834		.0821								
.839			-.0879							
.850					-.1726	-.1843	-.0859			
.857				-.0788						
.862									-.0370	
.865		-.0686								
.879			-.0844							
.900		-.0248			-.1068			-.0556		
.905				-.0820						
.919			-.0514							
.950					-.0581	-.1891	-.0545			
.953				-.0510						
.955			-.0349							
.965		-.0125								
1.000				-.1227		-.1288		-.1618		

ALPHAO(1) = -8.341 BETAO (2) = -2.050

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0434	.0000	.0302	.2768	.6453	.5226	.5899	.6118	-.1398	
.010		.0000	.0335	.3284	.5431	.6303	.6430	.5030		
.020		.0140	.0380	.2894	.4741	.5493	.5765	.5806	.0825	
.040			.0399	.2119						
.041	.0528									
.050		.0131			.3184	.3874	.4621	.4459		
.069									.0000	
.080					.1983					
.081				.1390						
.098			.0839							

ARC97-019 1AB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(1) = -8.341 BETAO (2) = -2.050

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.150					.0000	.0979	.1748	.2198		
.157									-.0287	
.183			.1483							
.177				.0479						
.220		.0290								
.246			.0610							
.247	-.0048									
.250					-.0185	-.0136	.0347	.0765		
.274				-.0111						
.345									-.0634	
.362		.0855								
.390			-.0228							
.400					-.1090	-.1162		-.0771		
.402				-.0984						
.418										-.2156
.425	.0437									
.497		-.0063								
.503									-.0818	
.547	.0486									
.550					-.1375	-.1353				
.565				-.1170						
.600								-.1502		
.637			-.0956							
.638	-.0417									
.650							-.1475			
.670									-.0697	
.700		-.0582				-.1511				
.725					-.1234					
.727	-.0443									
.730										-.2483
.750							-.0914	-.1127		
.760				-.0044						
.775					-.1711	-.1954				
.793	.1206									
.798			.0215							
.818				-.0857						
.834		.0842								
.839			-.0642							
.850					-.1282	-.1740	-.0841			
.857				-.0799						
.862									-.0411	
.865		-.0833								
.879			- 548							
.900		-.0327			-.0838			-.0620		
.905				-.0871						

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(1) = -6.341 BETAO (2) = -2.050

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.919			-.0561							
.950					-.0511	-.1744	-.0530			
.953				-.0561						
.955			-.0516							
.965		-.0343								
1.000				-.1421		-.1228		-.1644		

ALPHAO(1) = -6.322 BETAO (3) = .062

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0082	-.0163	-.0049	.2460	.5535	.5476	.5233	.5396	-.1717	
.010		.0000	-.0004	.2886	.5196	.5309	.5879	.5546		
.020		-.0157	.0094	.2583	.4656	.4588	.5262	.5357	.0185	
.040			.0145	.1962						
.041	.0245									
.050		-.0108			.3229	.3268	.3789	.4135		
.069									.0000	
.080					.2046					
.081				.1341						
.086			.0744							
.094		-.0250								
.113	.0183									
.150					.0000	.0998	.1488	.1936		
.157									-.0543	
.163			.1402							
.177				.0540						
.229		.0032								
.248			.0583							
.247	-.0350									
.250					-.0094	.0006	.0167	.0081		
.274				-.0055						
.345									-.0848	
.362		.0824								
.380			-.0198							
.400					-.1078	-.0954		-.0862		
.402				-.0905						
.418										-.2409
.4	.0343									
.497		-.0103								
.503									-.0982	
.547	.0405									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(1) = -6.322 BETAO (3) = .062

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.1341	-.1328				
.565				-.1138						
.600								-.1519		
.637			-.0940							
.638	-.2451									
.650							-.1435			
.670									-.0758	
.700		-.0823				-.1423				
.725					-.1220					
.727	-.0493									
.730										-.2701
.750							-.0874	-.1168		
.760				.0093						
.775					-.1600	-.2024				
.793	.1408									
.798			.0356							
.808				-.0802						
.834		.0935								
.839			-.0567							
.850					-.1130	-.1837	-.0794			
.857				-.0821						
.862									-.0409	
.865		-.0885								
.879			-.0719							
.900		-.0206			-.0900			-.0616		
.905				-.0742						
.919			-.0622							
.950					-.0892	-.1426	-.0426			
.953				-.0639						
.955			-.0680							
.965		-.0437								
1.000				-.1628		-.1128		-.1920		

ALPHAO(1) = -6.302 BETAO (4) = 2.174

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0185	-.0280	-.0170	.2405	.5458	.4389	.4017	.4450	-.1954	
.010		.0000	-.0141	.2760	.5023	.4823	.4813	.4721		
.020		-.0332	-.0060	.2479	.4489	.4312	.4372	.4574	-.0197	
.040			-.0002	.1988						
.041	-.0001									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHA0(I) -6.302 BETA0 (4) = 2.174

SECTION (3) LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.050		-.0315			.3122	.3116	.3229	.3545		
.069									.0000	
.080					.2037					
.081				.1448						
.086			.0565							
.094		-.0358								
.113	-.0037									
.150					.0000	.0948	.1329	.1653		
.157									-.0791	
.163			.1319							
.177				.0614						
.229		.0041								
.246			.0616							
.247	-.0515									
.250					-.0161	-.0041	.0204	.0476		
.274				.0039						
.345									-.1027	
.362		.0888								
.390			-.0125							
.400					-.1031	-.1084		-.0858		
.402				-.0840						
.418										-.2594
.429	.0257									
.497		.0041								
.503									-.1112	
.547	.0352									
.550					-.1323	-.1346				
.565				-.1078						
.600								-.1506		
.637			-.0837							
.638	-.0371									
.650							-.1448			
.670									-.0843	
.700		-.0439				-.1453				
.725					-.1174					
.727	-.0420									
.749										-.2842
.750							-.0885	-.1133		
.760				.0149						
.775					-.1513	-.2051				
.793	.1368									
.798			.0519							
.809				-.0737						
.834		.1021								
.839			-.0581							

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(1) = -6.302 BETAO (4) = 2.174

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.850					-.1024	-.1799	-.0744			
857				-.0815						
862									-.0427	
.865		-.0852								
.879			-.0779							
900		-.0336			-.0867			-.0672		
.905				-.0774						
.919			-.0756							
.950					-.0723	-.1146	-.0366			
.953				-.0693						
.955			-.0847							
.965		-.0495								
1.000				-.1857		-.1369		-.1171		

ALPHAO(1) = -6.286 BETAO (5) = .251

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0821	-.0375	-.0430	.1885	.4050	.4048	.3282	.3834	-.2207	
.010		.0000	-.0333	.2327	.4831	.4705	.4272	.4274		
.020		-.0582	-.0198	.2160	.4090	.4843	.3835	.4169	-.0868	
.040			-.0109	.1773						
.041	-.0168									
.050		-.0499			.2923	.3082	.2983	.3306		
.069									.0000	
.080					.1898					
.081				.1303						
.088			.0537							
.094		-.0409								
.113	-.0283									
.150					.0000	.0873	.1283	.1535		
.157									-.1047	
.183			.1345							
.177				.0955						
.228		.0013								
.246			.0589							
.247	-.0714									
.250					-.0222	-.0119	.0160	.0410		
.274				.0028						
.345									-.1212	
.382		.0834								
.390			-.0144							

ARC87-019 IA81 LVAP(ALLML SEALED) LEFT WING TOP (RETU38)

ALPHAO(1) = -8.286 BETAO (5) = 4.251

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.400					-.1051	-.1141		-.0875		
.402				-.0813						
.418										-.2837
.429	.0337									
.497		-.0108								
.503									-.1291	
.547	.0343									
.550					-.1331	-.1368				
.565				-.1127						
.600								-.1514		
.637			-.0891							
.638	-.0450									
.650							-.1487			
.679									-.0932	
.700		-.0602				-.1485				
.725					-.1247					
.727	-.0499									
.730										-.3021
.750							-.0902	-.1200		
.760				.0214						
.775					-.1556	-.2127				
.793	.1287									
.799			.0696							
.808				-.0648						
.834		.1154								
.839			-.0472							
.850					-.0961	-.1744	-.0763			
.857				-.0755						
.862									-.0462	
.865		-.0880								
.879			-.0842							
.900		-.0439			-.0894			-.0747		
.905				-.0819						
.919			-.0741							
.950					-.0801	-.0972	-.0368			
.953				-.0738						
.955			-.0834							
.965		-.0690								
1.000				-.1894		-.1545		-.1422		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHA0(2) = -4..73 BETA0 (1) = -8.247

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.000	.0741	.0254	.0873	.3989	.8223	.7840	.7608	.7727	-.0349	
.010		.0000	.0957	.4210	.6597	.7309	.7326	5727		
.020		.0499	.0976	.3487	.5736	.6252	.63 5	.6381	.1404	
040			.1025	.2487						
.041	.0871									
.050		.0525			.3783	.4322	(5.1	.4654		
.069									.0000	
.080					.2291					
.081				.1519						
.086			1339							
.094		.0344								
.113	.0702									
.150					.0000	.1105	.1758	.0200		
.157									.0088	
.163			.1550							
.177				.0153						
.229		.0514								
.246			.0408							
.247	.0303									
.250					-.0627	-.0271	.0184	.0684		
.274				-.0395						
.345									-.0415	
.362		.0884								
.390			-.0488							
.400					-.1386	-.1420		-.0933		
.402				-.1386						
.418										-.1059
.429	.0489									
.497		-.0173								
.503									-.0697	
.547	.0245									
.550					-.1878	-.1727				
.565				-.1415						
.600								-.1634		
.837			-.1107							
.838	-.0415									
.850							-.1798			
.870									-.0759	
.700		-.0880				-.1863				
.725					-.1845					
.727	-.0467									
.730										-.1587
.750							-.1302	-.1368		
.760				-.1818						
.775					-.2038	-.2109				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(2) = -4.273 BETAO (1) = -6.247

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0150									
.798			-.0252							
.808				-.1473						
.834		.0341								
.839			-.0984							
.850					-.2062	-.2067	-.1235			
.857				-.1185						
.862									-.0585	
.865		-.0864								
.879			-.0880							
.900		-.0422			-.1460			-.0783		
.905				-.0906						
.919			-.0628							
.950					-.0768	-.2274	-.0952			
.953				-.0748						
.955			-.0389							
.965		-.0078								
1.000				-.1091		-.1482		-.1643		

ALPHAO(2) = -4.265 BETAO (2) = -4.183

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0511	-.0080	.0541	.3413	[illegible]	.7030	.6879	.7010	-.0662	
.010		.0000	.0522	.3481	[illegible]	.6609	.6754	.6186		
.020		.0125	.0587	.2809	[illegible]	.5663	.5893	.5887	.1121	
.040			.0545	.1962						
.041	.0579									
.050		.0109			[illegible]	.3864	.4119	.4288		
.069									.0000	
.080					.1981					
.081				.1128						
.096			.1105							
[illegible]		-.0049								
[illegible]	.0422									
.150					.0000	.0869	.1506	.1965		
[illegible]									-.0032	
.163			.1257							
[illegible]				.0039						
[illegible]		[illegible]								
[illegible]			[illegible]							
[illegible]	[illegible]									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(2) = -4.285 BETAO (2) = -4.183

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.0764	-.0398	.0022	.0500		
.274				-.0452						
.345									-.0564	
.362		.0641								
.390			-.0540							
.400					-.1436	-.1459		-.1001		
.402				-.1318						
.418										-.1392
.429	.0360									
.497		-.0317								
.503									-.0813	
.547	.0308									
.550					-.1817	-.1763				
.565				-.1411						
.600								-.1669		
.637			-.1168							
.638	-.0557									
.650							-.1806			
.670									-.0839	
.700		-.0771				-.1847				
.725					-.1561					
.727	-.0602									
.730										-.1759
.750							-.1345	-.1404		
.760				-.0655						
.775					-.2012	-.2138				
.793	.0263									
.798			-.0203							
.808				-.1334						
.834		.0350								
.839			-.0938							
.850					-.2015	-.2080	-.1229			
.857				-.1134						
.862									-.0678	
.865		-.0912								
.879			-.0870							
.900		-.0508			-.1424			-.0851		
.905				-.0912						
.919			-.0734							
.950					-.0889	-.2180	-.0908			
.953				-.0783						
.955			-.0563							
.965		-.0317								
1.000				-.1213		-.1434		-.1704		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(2) = -4.235 BETAO (3) = .039

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0107	-.0388	-.0100	.2173	.5426	.5893	.5370	.5634	-.1395	
.010		.0000	-.0113	.2515	.4534	.5755	.5616	.5224		
.020		-.0365	-.0068	.2137	.3949	.4890	.4935	.4983	.0284	
.040			-.0022	.1462						
.041	-.0022									
.050		-.0378			.2563	.3261	.3444	.3672		
.069									.0000	
.080					.1446					
.081				.0852						
.086			.0401							
.094		-.0492								
.113	-.0025									
.150					.0000	.0496	.1162	.1574		
.157									-.0618	
.163			.0909							
.177				.0028						
.229		-.0309								
.246			.0204							
.247	-.0541									
.250					-.0500	-.0509	-.0139	.0239		
.274				-.0450						
.345									-.0982	
.362		.0452								
.390			-.0572							
.400					-.1277	-.1387		-.1117		
.402				-.1209						
.418										-.2039
.429	-.0016									
.497		-.0384								
.503									-.1149	
.547	.0112									
.550					-.1571	-.1591				
.565				-.1368						
.600								-.1764		
.637			-.1181							
.638	-.0687									
.650							-.1725			
.670									.1044	
.700		-.0368				-.1733				
.725					-.1437					
.727	-.0748									
.730										-.2481
.750										

ARC97-019 !AB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(2) = -4.836 BETAO (3) = .039

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.783	.0901									
.798			-.0085							
.803				-.1103						
.834		.0468								
.839			-.0919							
.850					-.1437	-.1938	-.1138			
.857				-.1108						
.862									-.0795	
.865		-.1057								
.879			-.0877							
.900		-.0607			-.1165			-.0964		
.905				-.0975						
.919			-.0847							
.950					-.0894	-.1840	-.0841			
.953				-.0927						
.955			-.0815							
.965		-.0658								
1.000				-.1726		-.1379		-.1910		

ALPHAO(2) = -4.200 BETAO (4) = 4.234

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0497	-.0683	-.0615	.1890	.4946	.3936	.3575	.4051	-.1960	
.010		.0000	-.0605	.2104	.4411	.4232	.4001	.3920		
.020		-.0794	-.0521	.1781	.3847	.3694	.3572	.3774	-.0457	
.040			-.0458	.1354						
.041	-.0418									
.050		-.0810			.2474	.2501	.2487	.2835		
.069									.0000	
.080					.1428					
.081				.0869						
.088			.0111							
.094		-.0854								
.113	-.0487									
.150					.0000	.0448	.0760	.1120		
.157									-.1084	
.183			.0931							
.177				.0138						
.229		-.0422								
.248			.0218							
.247	-.0937									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHA0(2) = -4.200 BETA0 (4) = 4.234

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

X/CW	Y/BW .2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
.250					-.0512	-.0460	-.0218	.0030		
.274				-.0327						
.345									-.1317	
.362		.0462								
.390			-.0458							
.400					-.1306	-.1353		-.1151		
.402				-.1074						
.418										-.2462
.429	-.0023									
.497		-.0382								
.503									-.1406	
.547	.0075									
.550					-.1552	-.1612				
.565				-.1352						
.600								-.1730		
.637			-.1123							
.638	-.0673									
.650							-.1666			
.670									-.1173	
.700		-.0854				-.1693				
.725					-.1418					
.727	-.0745									
.730										-.2737
.750							-.1156	-.1423		
.760				-.0169						
.775					-.1713	-.2249				
.793	.0881									
.798			.0176							
.808				-.0964						
.834		.0554								
.839			-.0948							
.850					-.1295	-.1754	-.1031			
.857				-.1074						
.862									-.0845	
.865		-.1158								
.879			-.1052							
.900		-.0720			-.1165			-.1023		
.905				-.1044						
.919			-.1023							
.950					-.1005	-.1366	-.0729			
.953				-.0992						
.956			-.1128							
.985		-.0903								
1.000				-.1944		-.1753		-.1383		

ARC97-01S IA81 LVAPIALLHL SEALED) LEFT WING TOP (RETU361)

ALPHAO(2) = -4.192 BETAO (5) = 6.302

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0541	-.0788	-.0892	.1397	.4526	.3652	.3000	.3188	-.2264	
.010		.0000	-.0791	.1614	.3796	.4055	.3710	.3526		
.020		-.0887	-.0620	.1407	.3316	.3507	.3356	.3414	-.0886	
.040			-.0526	.1032						
.041	-.0573									
.050		-.0919			.2182	.2351	.2367	.2605		
.069									.0000	
.080					.1266					
.081				.0666						
.086			.0009							
.094		-.0867								
.113	-.0583									
.150					.0000	.0364	.0768	.0997		
.157									-.1250	
.163			.0739							
.177				.0064						
.229		-.0425								
.246			.0084							
.247	-.1047									
.250					-.0595	-.0501	-.0239	.0008		
.274				-.0373						
.345									-.1048	
.362		.0338								
.390			-.0483							
.400					-.1290	-.1381		-.1138		
.402				-.1107						
.418										-.2293
.429	-.0133									
.497		-.0451								
.503									-.1004	
.547	-.0028									
.550					-.1537	-.1621				
.565				-.1353						
.600								-.1734		
.637			-.1161							
.638	-.0769									
.650							-.1721			
.670									-.0748	
.700		-.0929				-.1689				
.725					-.1438					
.727	-.0841									
.730										-.2081
.750							-.1200	-.1433		
.760				-.0153						
.775					-.1735	-.2271				

ARC87-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(2) = -4.192 BETAO (5) = 8.302

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.9870	.9720	1.0000
X/CW										
.793	.0275									
.798			.0317							
.808				-.0881						
834		.0708								
.839			-.0736							
.850					-.1194	-.1805	-.1033			
.857				-.0932						
.862									-.0448	
.865		-.0981								
.879			-.0957							
.900		-.0775			-.1101			-.0893		
.905				-.0960						
.919			-.1038							
.950					-.1002	-.1229	-.0815			
.953				-.0983						
.955			-.1128							
.965		-.0962								
1.000				-.1935		-.1676		-.1201		

ALPHAO(3) = -2.186 BETAO (1) = -6.258

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0582	.0154	.0992	.4123	.8475	.7979	.7786	.7929	.0157	
.010		.0000	.0901	.4039	.6460	.7074	.7135	.6391		
.020		.0321	.0885	.3219	.5500	.5951	.6118	.6029	.1437	
.040			.0904	.2155						
.041	.0458									
.050		.0340			.3452	.3958	.4184	.4269		
.069									.0000	
.080					.1922					
.081				.1159						
.086			.1186							
.094		.0175								
.113	.0429									
.150					.0000	.0784	.1410	.1859		
.157									-.0011	
.163			.1154							
.177				-.0212						
.229		.0332								
.246			-.0007							
.247	.0128									

ARC97-019 IA81 (VAPORALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(3) = -2.188 BETAO (1) = -8.258

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1019	-.0549	-.0122	.0363		
.274				-.0762						
.345									-.0562	
.362		.0528								
.390			-.0833							
.400					-.1727	-.1671		-.1163		
.402				-.167						
.418										-.0501
.429	.0239									
.497		-.0389								
.503									-.0894	
.547	.0318									
.550					-.2003	-.1985				
.565				-.1684						
.600								-.1837		
.637			-.1349							
.638	-.0632									
.650							-.1985			
.670									-.1019	
.700		-.0908				-.2111				
.725					-.2038					
.727	-.0868									
.730										-.1103
.750							-.1567	-.1533		
.760				-.1163						
.775					-.2301	-.2160				
.793	-.0237									
.798			-.0694							
.808				-.1749						
.834		-.0143								
.839			-.1349							
.850					-.2278	-.2215	-.1535			
.857				-.1532						
.862									-.0894	
.865		-.1083								
.879			-.1242							
.900		-.0713			-.1606			-.1107		
.905				-.1248						
.919			-.1012							
.950					-.1000	-.2441	-.1294			
.953				-.1112						
.955			-.0865							
.965		-.0271								
1.000				-.1125		-.1632		-.1597		

ARC97-019 IA81 EVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(3) = -2.175 BETAO (2) = -2.080

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0041	-.0449	.0015	.2702	.6810	.6509	.6362	.6641	-.0558	
.010		.0000	-.0017	.2482	.5127	.5774	.5984	.6523		
.020		-.0348	.0012	.1906	.4304	.4815	.5116	.5207	.0747	
.040			.0051	.1165						
.041	.0002									
.050		-.0292			.2578	.3093	.3418	.3630		
.069									.0000	
.080					.1268					
.081				.0460						
.086			.0433							
.094		-.0332								
.113	-.0152									
.150					.0000	.0336	.1015	.1425		
.157									-.0457	
.163			.0546							
.177				-.0445						
.229		-.0256								
.246			-.0273							
.247	-.0456									
.250					-.1220	-.0828	-.0400	.0078		
.274				-.0837						
.34*									-.0940	
.362		.0042								
.390			-.0901							
.400					-.1710	-.1809		-.1347		
.402				-.1555						
.418										-.1152
.429	-.0243									
.497		-.0885								
.503									-.1173	
.547	-.0132									
.550					-.2033	-.2049				
.585				-.1823						
.600								-.1953		
.637			-.1394							
.638	-.0877									
.650							-.1939			
.670									-.1225	
.700		-.1032				-.2097				
.725					-.1770					
.727	-.0900									
.730										-.1735
.750							-.1687	-.1758		
.760				-.0792						
.775					-.2138	-.2257				

ARC97-019 IA81 CVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(3) = -2.175 BETAO (2) = -2.080

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	6730	.7800	.8870	.8720	1.0000
X/CW										
.793	.0139									
.798			-.0528							
.808				-.1455						
.834		.0025								
.839			-.1251							
.850					-.2011	-.2211	-.1582			
.857				-.1387						
.862									-.1077	
.865		-.1173								
.879			-.1183							
.900		-.0836			-.1485			-.1285		
.905				-.1186						
.919			-.1044							
.950					-.1082	-.2298	-.1328			
.953				-.1099						
.955			-.0908							
.965		-.0708								
1.000				-.1520		-.1514		-.1816		

ALPHAO(3) = -2.146 BETAO (3) = 2.137

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0623	-.0812	-.0443	.1671	.4873	.5269	.5101	.5141	-.1322	
.010		.0000	-.0495	.1690	.3780	.4908	.4941	.4413		
.020		-.0835	-.0482	.1328	.3235	.4074	.4242	.4152	-.0053	
.040			-.0446	.0881						
.041	-.0427									
.050		-.0815			.1993	.2497	.2731	.2864		
.069									.0000	
.080					.1033					
.081				.0473						
.086			-.0164							
.094		-.0941								
.113	-.0502									
.150					.0000	.0006	.0582	.0967		
.157									-.0940	
.163			.0338							
.177				-.0258						
.229		-.0807								
.243			-.0180							
.247	-.0948									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHA0(3) = -2.146 BETA0 (3) = 2.137

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.0890	-.0907	-.0625	-.0216		
.274				-.0718						
.345									-.1295	
.362		.0619								
.390			-.0796							
.400					-.1576	-.1719		-.1465		
.402				-.1418						
.418										-.1732
.429	-.0469									
.497		-.0663								
.503									-.1446	
.547	-.0244									
.550					-.1800	-.1848				
.565				-.1564						
.600								-.2041		
.637			-.1332							
.638	-.0864									
.650							-.1996			
.670									-.1387	
.700		-.0983				-.1955				
.725					-.1537					
.727	-.0861									
.730										-.2290
.750							-.1521	-.1819		
.760				-.0580						
.775					.1855	-.2093				
.793	.0622									
.798			-.0358							
.808				-.1370						
.834		.0146								
.879			-.1179							
.850					.1599	-.1939	-.1402			
.857				-.1383						
.852									-.1147	
.865		-.1203								
.879			-.1166							
.900		-.0915			-.1408			-.1360		
.905				-.1194						
.909			-.1170							
.[illegible]					-.1158	-.1716	-.1148			
.[illegible]				-.1177						
.[illegible]			-.1176							
.[illegible]		-.0923								
.[illegible]				-.1998		-.1739		-.1621		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(3) = -2.124 BETAO (4) = 6.280

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0818	-.0956	-.1039	.1157	.3790	.3675	.3492	.3682	-.1133	
.010		.0000	-.1006	.1277	.3530	.3771	.3601	.3297		
.020		-.1083	-.0903	.1080	.3070	.3216	.3104	.3121	0256	
.040			-.0838	.0724						
.041	-.0786									
.050		-.1132			.1903	.2027	.1995	.2186		
.069									.0000	
.080					.0946					
.081				.0317						
.086			-.0314							
.094		-.1212								
.113	-.0737									
.150					.0000	.0013	.0370	.0657		
.157									-.0894	
.163			.0401							
.177				-.0274						
.229		-.0793								
.246			-.0188							
.247	-.1213									
.250					-.0912	-.0769	-.0601	-.0334		
.274				-.0682						
.345									-.1051	
.362		.0005								
.390			-.0744							
.400					-.1565	-.1545		-.1405		
.402				-.1354						
.418										-.1340
.429	-.0437									
.497		-.0666								
.503									-.1159	
.547	-.0270									
.550					-.1754	-.1813				
.565				-.1525						
.600								-.1902		
.637			-.1320							
.638	-.0852									
.650							-.1899			
.670									-.0969	
.700		-.1108				-.1884				
.725					-.1543					
.727	-.0885									
.730										-.0781
.750							-.1431	-.1481		
.760				-.0446						
.775					-.1818	-.2356				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(3) = -2.124 BETAO (4) = 8.280

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0105									
.798			-.0133							
.808				-.1141						
.834		.0247								
.839			-.1000							
.850					-.1456	-.1820	-.1300			
.857				-.1202						
.862									-.0520	
.865		-.1140								
.879			-.1123							
.900		-.1006			-.1351			-.0899		
.905				-.1150						
.919			-.1233							
.950					-.1223	-.1235	-.0970			
.953				-.1192						
.955			-.1262							
.965		-.1111								
1.000				-.1917		-.1883		-.1202		

ALPHAO(4) = -.098 BETAO (1) = -8.268

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0452	.0122	.0885	[illegible]	[illegible]	.8061	.8078	.8138	.0602	
.010		.0000	.0748	[illegible]	[illegible]	.6909	.6931	.6098		
.020		[illegible]	.0710	.3132		[illegible]	.5850	[illegible]	[illegible]	
.040			.0706	.2013						
.041	.0066									
.050		.0189			[illegible]	.3633	.3841	[illegible]		
.069									[illegible]	
.080					.1710					
.081				.0942						
.086			.0953							
[illegible]		.0208								
[illegible]	.0205									
[illegible]					.0000	.0518		[illegible]		
[illegible]									-.0109	
.163			[illegible]							
[illegible]				-.0481						
[illegible]		[illegible]								
[illegible]			-.0268							
[illegible]	-.0013									

ARC97-019 (AB) (VAPIALLHL SEALED) LEFT WING TOP (RETU36)

ALPHA0(4) = -.098 BETA0 (1) = -6.268

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1263	-.0768	-.0379	.0091		
.274				-.1096						
.345									-.0687	
.362		.0214								
.390			-.1077							
.400					-.2006	-.1912		-.1366		
.402				-.1772						
.418										.0032
.429	.0050									
.497		-.0659								
.503									-.1016	
.547	.0046									
.550					-.22.1	-.2168				
.565				-.1927						
.600								-.1872		
.637			-.1589							
.638	-.0843									
.650							-.2148			
.670									-.1272	
.700		-.1156				-.2313				
.725					-.2243					
.727	-.0909									
.730										-.0817
.750							-.1785	-.1756		
.760				-.1480						
.775					-.2525	-.2345				
.793	-.0582									
.798			-.1109							
.808				-.2017						
.834		-.0782								
.839			-.1735							
.850					-.2423	-.2407	-.1727			
.857				-.1940						
.862									-.1193	
.865		-.1533								
.879			-.1863							
.900		.1067			-.1564			-.1291		
.905				-.1557						
.919			-.1368							
.950					-.1365	-.2552	-.1528			
.953				-.1402						
.955			-.0999							
.965		-.0454								
1.000				-.1120		-.1955		-.1468		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(4) = -.095 BETAO (2) = -4.207

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0193	-.0328	.0441	.3510	.7865	.7414	.7308	.7424	.0418	
.010		.0000	.0344	.3364	.5619	.6240	.6370	.5610		
.020		-.0257	.0324	.2552	.4677	.5138	.5331	.5216	.1174	
.040			.0344	.1494						
.041	-.0094									
.050		-.0260			.2742	.3222	.3453	.3558		
.069									.0000	
.080					.1364					
.081				.0535						
.086			.0623							
.094		-.0288								
.113	-.0078									
.150					.0000	.0249	.0827	.1242		
.157									-.0282	
.163			.0545							
.177				-.0734						
.229		-.0154								
.246			-.0539							
.247	-.0424									
.250					-.1381	-.0959	-.0569	-.0138		
.274				-.1213						
.345									-.0837	
.362		.0000								
.390			-.1268							
.400					-.2046	-.1992		-.1484		
.402				-.1315						
.418										-.0325
.429	-.0153									
.497		-.0818								
.503									-.1149	
.547	-.0218									
.550					-.2248	-.2254				
.565				-.1951						
.600								-.2068		
.637			-.1638							
.638	-.1024									
.650							-.2215			
.670									-.1339	
.700		-.1217				-.2387				
.735					-.2248					
.737	-.1008									
.750										-.0828
.750							-.1892	-.1826		
.770				-.1913						
.775					-.2453	-.2400				

ARC97-019 (A81 EVAP(ALLHL SEALED) LEFT WING TOP (RETUR)

ALPHAO(4) = -.095 BETAO (2) = -4.207

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0859									
.798			-.0970							
.808				-.1812						
.834		-.0383								
.839			-.1580							
.850					-.2392	-.2462	-.1827			
.857				-.1766						
.862									-.1264	
.865		-.1237								
.879			-.1505							
.900		-.0962			-.1648			-.1388		
.905				-.1497						
.919			-.1294							
.950					-.1301	-.2559	-.1599			
.953				-.1451						
.955			-.0976							
.965		-.0628								
1.000				-.1432		-.1847		-.1543		

ALPHAO(4) = -.084 BETAO (3) = .007

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0466	-.0747	-.0373	.2241	.6450	.8272	.6078	.6236	-.0333	
.010		.0000	-.0451	.1853	.4483	.5290	.5342	.4733		
.020		-.0743	-.0425	.1223	.3633	.4286	.4471	.4424	0444	
.040			-.0386	.0522						
.041	-.0561									
.050		-.0675			.1926	.2544	.2800	.2925		
.069									.0000	
.080					.0735					
.081				-.0134						
.086			-.0111							
.094		-.0805								
.113	-.0554									
.150					.0000	-.0111	.0460	.0836		
.157									-.0769	
.163			-.0020							
.177				-.0809						
.229		-.0798								
.246			-.0662							
.247	-.0903									

ARC97-019 TA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(4 = -.084 BETAO (3) = .007

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1498	-.1149	-.0793	-.0373		
.274				-.1042						
.345									-.1209	
.362		-.0331								
.390			-.1102							
.400					-.1782	-.2113		-.1641		
.402				-.1711						
.418										-.0805
.429	-.0685									
.497		-.0896								
.503									-.1451	
.547	-.0430									
.550					-.2073	-.2271				
.565				-.1753						
.600								-.2173		
.637			-.1552							
.638	-.1090									
.650							-.2261			
.670									-.1504	
.700		-.1220				-.2261				
.725					-.1859					
.727	-.1073									
.730										-.1316
.750							-.1937	-.2010		
.760				-.0825						
.775					-.2086	-.2329				
.793	.0142									
.798			-.0710							
.808				-.150:						
.834		-.0122								
.839			-.1397							
.850					-.1849	-.2255	-.1838			
.857				-.1543						
.862									-.1388	
.865		-.1278								
.879			-.1297							
.900		-.0949			-.1582			-.1569		
.905				-.1325						
.919			-.1177							
.950					.1259	-.2248	-.1804			
.953				-.1289						
.975			-.1050							
.985		-.0932								
1.000				-.1871		-.1595		-.1901		

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(4) = -.062 BETAO (4) = 4.192

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0884	-.1181	-.0790	.1481	.5080	.4667	.4653	.4978	-.0804	
.010		.0000	-.0868	.1164	.3468	.4100	.4191	.3790		
.020		-.1217	-.0868	.6750	.2772	.3339	.3488	.3516	-.0124	
.040			-.0852	.0342						
.041	-.0818									
.050		-.1197			.1398	.1950	.2088	.2274		
.069									.0000	
.080					.0472					
.081				.0048						
.086			-.0579							
.094		-.1279								
.113	-.0825									
.150					.0000	-.0342	.0115	.0534		
.157									-.1103	
.163			.0069							
.177				-.0470						
.229		-.1112								
.246			-.0440							
.247	-.1275									
.250					-.1183	-.1252	-.0990	-.0573		
.274				-.0982						
.345									-.1448	
.362		-.0210								
.390			-.0985							
.400					-.1771	-.1980		-.1730		
.402				-.1551						
.418										-.0869
.429	-.0655									
.497		-.0825								
.503									-.1622	
.547	-.0404									
.550					-.1954	-.2045				
.565				-.1709						
.600								-.2245		
.637			-.1487							
.638	-.1027									
.650							-.2188			
.670									-.1548	
.700		-.1185				-.2138				
.725					-.1578					
.727	-.1044									
.730										-.1298
.750							-.1757	-.2054		
.760				-.0842						
.775					-.1928	-.2469				

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHA0(4) = -.082 BETA0 (4) = 4.192

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0252									
.798			-.0670							
.808				-.1541						
.834		-.0200								
.839			-.1387							
.850					-.1733	-.2035	-.1626			
.857				-.1554						
.862									-.1369	
.865		-.1305								
.879			-.1351							
.900		-.1125			-.1598			-.1625		
.905				-.1355						
.919			-.1396							
.950					-.1403	-.1579	-.1369			
.953				-.1394						
.955			-.1370							
.965		-.1152								
1.000				-.2019		-.1966		-.1625		

ALPHA0(4) = -.055 BETA0 (5) = 6.267

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1039	-.1075	-.1189	.0953	.4476	.4430	.4271	.4427	-.0278	
.010		.0000	-.1170	.0765	.3784	.3907	.3883	.3398		
.020		-.1235	-.1082	.0545	.3136	.3115	.3193	.3145	.0461	
.040			-.1043	.0276						
.041	-.0938									
.050		-.1274			.1095	.1670	.1954	.1349		
.069									.0000	
.080					.0396					
.081				-.0035						
.086			-.0638							
.094		-.1399								
.113	-.0922									
150					.0000	-.0420	-.0006	.0323		
157									-.0696	
.163			.0018							
177				-.0523						
229		-.1002								
.248			-.1192							
.247	-.1351									

ARC97-019 IA81 (VAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(4) = -.055 BETAO (5) = 8.287

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1108	-.1178	-.0985	-.0693		
.274				-.0915						
.345									-.1107	
.382		-.0244								
.390			-.0959							
.400					-.1680	-.1842		-.1746		
.402				-.1527						
.418										-.0311
.429	-.0726									
.497		-.0859								
.503									-.1311	
.547	-.0474									
.550					-.1882	-.2033				
.565				-.1678						
.600								-.2119		
.637			-.1495							
.638	-.1098									
.650							-.2106			
.670									-.1245	
.700		-.1219				-.2075				
.725					-.1466					
.727	-.1092									
.730										-.0278
.750							-.1695	-.1690		
.760				-.0714						
.775					-.1859	-.2490				
.793	.0084									
.798			-.0424							
.808				-.1359						
.834		-.0087								
.839			-.1277							
.850					-.1562	-.1939	-.1578			
.857				-.1404						
.862									-.0893	
.865		-.1258								
.879			-.1323							
.900		-.1141			-.1498			-.1129		
.905				-.1295						
.919			-.1400							
.950					-.1379	-.1304	-.1261			
.953				-.1348						
.955			-.1413							
.965		-.1228								
1.000				-.1956		-.1981		-.1498		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(5) = 1.985 BETAO (1) = -6.257

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0206	.0445	.0697	.4194	.8678	.8208	.8253	.8278	.1214	
.010		.0000	.0574	.3918	.6094	.6657	.6718	.5782		
.020		.0373	.0542	.2970	.5062	.5425	.5549	.5313	.1425	
.040			.0551	.1867						
.041	-.0245									
.050		.0595			.2966	.3378	.3518	.3555		
.069									.0000	
.080					.1476					
.081				.0763						
.086			.0792							
.094		.0329								
.113	-.0081									
.150					.0000	.0259	.0771	.1155		
.157									-.0219	
.163			.0824							
.177				-.0683						
.229		-.0041								
.246			-.0474							
.247	.0072									
.250					-.1454	-.0980	-.0651	-.0191		
.274				-.1347						
.345									-.0824	
.362		.0004								
.390			-.1327							
.400					-.2158	-.2033		-.1566		
.402				-.2059						
.418										.0433
.429	-.0137									
.497		-.0891								
.503									-.1206	
.547	-.0163									
.550					-.2421	-.2311				
.565				-.2138						
.600								-.2119		
.637			-.1778							
.638	-.1027									
.650							-.2284			
.670									-.1501	
.700		-.1363				-.2454				
.725					-.2392					
.727	-.1112									
.730										-.0479
.750							-.2033	-.1923		
.760				-.1712						
.775					-.2641	-.2502				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (REYU36)

ALPHAO(5) = 1.985 BETAO (1) = -8.257

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0932									
.798			-.1389							
.808				-.2191						
.834		-.1084								
.839			-.1973							
.850					-.2104	-.2578	-.1918			
.857				-.2172						
.862									-.1465	
.865		-.1776								
.879			-.1976							
.900		-.1445			-.1797			-.1388		
.905				-.1805						
.919			-.1755							
.950					-.1672	-.2748	-.1703			
.953				-.1613						
.955			-.1385							
.965		-.0727								
1.000				-.1202		-.2066		-.1465		

ALPHAO(5) = 1.981 BETAO (2) = -2.089

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0285	-.0324	-.0062	.3167	.7332	.6871	.6919	.7234	.0627	
.010		.0000	-.0166	.2785	.4982	.5468	.5603	.4965		
.020		-.0324	-.0172	.1975	.4005	.4381	.4573	.4551	.0821	
.040			-.0159	.0978						
.041	-.0651									
.050		-.0112			.2142	.2551	.2810	.2949		
.069									.0000	
.080					.0868					
.081				.0071						
.086			.0091							
.094		-.0263								
.113	-.0883									
.150					.0000	-.0208	.0384	.0733		
.157									-.0815	
.163			.0081							
.177				-.1137						
.229		-.0666								
.248			-.0974							
.247	-.0782									

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(5) = 1.981 BETAO (2) = -2.069

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1704	-.1291	-.0931	-.0526		
.274				-.1823						
.345									-.1135	
.362		-.0561								
.390			-.1574							
.400					-.2296	-.2212		-.1765		
.402				-.2151						
.418										-.0064
.429	-.0709									
.497		-.1190								
.503									-.1434	
.547	-.0638									
.550					-.2478	-.2445				
.565				-.2164						
.600								-.2280		
.637			-.1850							
.638	-.1274									
.650							-.2415			
.670									-.1670	
.700		-.1455				-.2571				
.725					-.2376					
.727	-.1229									
.730										-.0816
.750							-.2213	-.2073		
.760				-.1529						
.775					-.2519	-.2584				
.793	-.0980									
.798			-.1204							
.808				-.2028						
.834		-.0722								
.839			-.1788							
.850					-.2349	-.2587	-.2075			
.857				-.1943						
.862									-.1621	
.865		-.1442								
.879			-.1700							
.900		-.1141			-.1724			-.1762		
.905				-.1684						
.919			-.1528							
.950					-.1455	-.2688	-.1892			
.953				-.1671						
.955			-.1304							
.965		-.0818								
1.000				-.1577		-.2027		-.1723		

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(5) = 1.994 BETAO (3) = 2.124

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0825	-.0972	-.0688	.2236	.5960	.5939	.5867	.5972	.0148	
.010		.0000	-.0814	.1744	.3797	.4616	.4678	.3989		
.020		-.0989	-.0808	.1110	.2946	.3598	.3768	.3627	0214	
.040			-.0779	.0276						
.041	-.0861									
.050		-.0871			.1367	.1918	.2134	.2212		
.069									.0000	
.080					.0234					
.081				-.0381						
.086			-.0493							
.094		-.1015								
.113	-.0940									
.150					.0000	-.0548	-.0039	.0270		
.157									-.0998	
.163			-.0396							
.177				-.1125						
.229		-.1234								
.246			-.0899							
.247	-.1260									
.250					-.1725	-.1438	-.1178	-.0821		
.274				-.1309						
.345									-.1442	
.362		-.0612								
.390			-.1314							
.400					-.2048	-.2269		-.1912		
.402				-.1950						
.418										-.0480
.429	-.1025									
.497		-.1083								
.503									-.1632	
.547	-.0875									
.550					-.2285	-.2441				
.565				-.1927						
.600								-.2377		
.637			-.1648							
.638	-.1101									
.650							-.2434			
.670									-.1790	
.700		-.1280				-.2454				
.725					-.1858					
.727	-.1123									
.730										-.1093
.750							-.2177	-.2177		
.760				-.1031						
.775					-.2128	-.2535				

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHA(3) = 1.994 BETA(3) = 2.124

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0119									
.798			-.0886							
.808				-.1707						
.834		-.0281								
.839			-.1544							
.850					-.1968	-.2373	-.2065			
.857				-.1753						
.862									-.1711	
.865		-.1362								
.879			-.1483							
.900		-.1208			-.1840			-.1879		
.905				-.1528						
.919			-.1434							
.950					-.1851	-.2176	-.1847			
.953				-.1550						
.955			-.1366							
.965		-.1182								
1.000				-.1930		-.1837		-.1685		

ALPHA(5) = 2.005 BETA(4) = 6.268

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1178	-.1287	-.1477	.1112	.4734	.4781	.4780	.5135	.0501	
.010		.0000	-.1447	.0842	.[illegible]65	.3743	.3697	.3178		
.020		-.1385	-.1321	.025[illegible]	[illegible]	.2904	.2910	.2880	.0537	
.040			-.1253	-.007[illegible]						
.041	-.1013									
.050		-.1388			.0987	.1517	.1565	.1608		
.069									.0000	
.080					.0096					
.081				-.0497						
[illegible]36			-.0879							
.094		-.1498								
[illegible]13	-.1081									
150					.0000	-.0638	-.0[illegible]24	-.0031		
.157									-.0733	
.163			-.0334							
[illegible]77				-.0985						
229		-.1304								
246			-.0766							
.247	-.1478									

ARC97-019 (A81 LVAP(ALL HL SEALED) LEFT WING TOP (RETU36)

ALPHAO(5) = 2.005 BETAO (4) = 8.268

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1556	-.1513	-.1235	-.0885		
.274				-.1251						
.345									-.1140	
.362		-.0478								
.380			-.1105							
.400					-.2020	-.2075		-.1868		
.402				-.1788						
.418										.0039
.429	-.0954									
.497		-.1000								
.503									-.1384	
.547	-.0824									
.550					-.2118	-.2304				
.565				-.1821						
.600								-.2263		
.637			-.1503							
.638	-.1205									
.650							-.2401			
.670									-.1459	
.700		-.1324				-.2340				
.725					-.1402					
.727	-.1186									
.730										-.1129
.750							-.2035	-.1919		
.760				-.0950						
.775					-.1946	-.2628				
.793	.0019									
.798			-.0855							
.808				-.1595						
.834		-.0345								
.839			-.1447							
.850					-.1824	-.2012	-.1842			
.857				-.1608						
.862									-.1357	
.865		-.1398								
.879			-.1457							
.900		-.1278			-.1754			-.1444		
.905				-.1414						
.919			-.1509							
.950					-.1852	-.1484	-.1431			
.953				-.1458						
.955			-.1493							
.965		-.1327								
1.000				-.2019		-.1881		-.1587		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHA0(6) = 4.105 BETA0 (1) = -6.249

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0093	.0884	.0697	.4250	.8895	.8453	.8513	.8464	.1772	
.010		.0000	.0536	.3751	.5837	.6379	.6410	.5420		
.020		.0416	.0503	.2783	.4765	.5107	.5169	.4880	.1529	
.040			.0529	.1623						
.041	-.0504									
.050		.0387			.2678	.3088	.3136	.3136		
.069									.0000	
.080					.1200					
.081				.0563						
.086			.0833							
.094		.0237								
.113	-.0318									
.150					.0000	.0048	.0485	.0805		
.157									-.0319	
.163			.0668							
.177				-.0888						
.229		-.0064								
.246			-.0624							
.247	.0240									
.250					-.1657	-.1147	-.0868	-.0457		
.274				-.1524						
.345									-.0952	
.362		-.0021								
.390			-.1446							
.400					-.2315	-.2097		-.1725		
.402				-.2228						
.418										.0443
.429	-.0158									
.497		-.0998								
.503									-.1358	
.547	-.0256									
.550					-.2574	-.2425				
.563				-.2322						
.600								-.2226		
.637			-.1915							
.638	-.1154									
.650							-.2419			
.670									-.1771	
.700		-.1499				-.2557				
.725					-.2537					
.727	-.1222									
.730										-.0752
.750							-.2227	-.2003		
.760				-.1909						
.775					-.2772	-.2650				

ARC97-019 IA81 LVAP(ALLML SEALED) LEFT WING TOP (RETU36)

ALPHAO(6) = 4.105 BETAO (1) = -6.249

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1199									
.798			-.1598							
.808				-.2335						
.834		-.1302								
.839			-.2132							
.850					-.2312	-.2728	-.2127			
.857				-.2354						
.862									-.1729	
.865		-.1930								
.879			-.2155							
.900		-.1704			-.2073			-.1549		
.905				-.1978						
.919			-.2035							
.950					-.1926	-.2969	-.1893			
.953				-.2033						
.955			-.1753							
.965		-.1119								
1.000				-.1477		-.2301		-.1480		

ALPHAO(6) = 4.105 BETAO (2) = -4.195

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0147	.0417	.0285	.3872	.8145	.7832	.7848	.7887	.1560	
.010		.0000	.0143	.3226	.5194	.5883	.5914	.4911		
.020		-.0085	.0130	.2307	.4118	.4641	.4732	.4433	.1111	
.040			.0179	.1211						
.041	-.0672									
.050		-.0082			.2227	.2671	.2790	.2758		
.069									.0000	
.080					.0873					
.081				.0208						
.086			.0499							
.094		-.0145								
.113	-.0804									
.150					.0000	-.0229	.0223	.0543		
.157									-.0488	
.163			.0279							
.177				-.1148						
.229		-.0338								
.246			-.0892							
.247	-.0330									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(6) = 4.105 BETAO (2) = -4.195

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1787	-.1355	-.1038	-.0649		
.274				-.1701						
.345									-.1081	
.362		-.0373								
.390			-.1674							
.400					-.2403	-.2262		-.1819		
.402				-.2343						
.418										.0244
.429	-.0405									
.497		-.1247								
.503									-.1461	
.547	-.0564									
.550					-.2648	-.2536				
.565				-.2398						
.600								-.2302		
.637			-.2024							
.638	-.1393									
.650							-.2482			
.670									-.1835	
.700		-.1656				-.2658				
.725					-.2642					
.727	-.1383									
.730										-.0907
.750							-.2348	-.2113		
.760				-.1972						
.775					-.2802	-.2728				
.793	-.1331									
.798			-.1703							
.808				-.2378						
.834		-.1417								
.839			-.2189							
.850					-.2390	-.2818	-.2178			
.857				-.2369						
.862									-.1799	
.865		-.1988								
.879			-.2150							
.900		-.1639			-.2160			-.1836		
.905				-.1960						
.919			-.1982							
.950					-.2158	-.2987	-.1976			
.953				-.2050						
.955			-.1713							
.985		-.1128								
1.000				-.1737		-.2223		.1684		

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(6) = 4.105 BETAO (3) = .015

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0695	-.0176	-.0475	.2786	.6807	.6760	.6718	.6844	.0869	
.010		.0000	-.0586	.2081	.4068	.4950	.4917	.4116		
.020		-.0637	-.0523	.1285	.3089	.3813	.3895	.3682	.0462	
.040			-.0481	.0315						
.041	-.1035									
.050		-.0682			.1372	.1973	.2130	.2147		
.069									.0000	
.080					.0202					
.081				-.0526						
.086			-.0300							
.094		-.0722								
.113	-.1058									
.150					.0000	-.0630	-.0155	.0124		
.157									-.0930	
.163			-.0475							
.177				-.1596						
.229		-.0981								
.246			-.1350							
.247	-.1009									
.250					-.2041	-.1639	-.1303	-.0959		
.274				-.1982						
.345									-.1425	
.362		-.0883								
.390			-.1717							
.400					-.2550	-.2475		-.2043		
.402				-.2305						
.418										-.0359
.429	-.0968									
.497		-.1351								
.503									-.1784	
.547	-.0828									
.550					-.2672	-.2688				
.565				-.2240						
.600								-.2488		
.637			-.1979							
.638	-.1478									
.650							-.2823			
.670									-.2048	
.700		-.1839				-.2778				
.725					-.2428					
.727	-.1488									
.730										-.1422
.750							-.2449	-.2341		
.780				-.1822						
.775					-.2595	-.2808				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(6) = 4.105 BETAO (3) = .015

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1205									
.798			-.1379							
.808				-.2065						
.834		-.0932								
.839			-.1859							
.850					-.2454	-.2834	-.2366			
.857				-.2010						
.862									-.1951	
.865		-.1505								
.879			-.1762							
.900		-.1197			-.2115			-.1895		
.905				-.1742						
.919			-.1590							
.950					-.1820	-.2996	-.2170			
.953				-.1797						
.955			-.1409							
.965		-.1132								
1.000				-.1936		-.2064		-.1691		

ALPHAO(6) = 4.102 BETAO (4) = 4.191

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1227	-.1102	-.0933	.1950	.5786	.5878	.5917	.5867	.0448	
.010		-.1207	-.1032	.1162	.4056	.4015	.4036	.3227		
.020		-.1214	-.0966	.0545	.2438	.2939	.3062	.2835	-.0102	
.040			-.0900	-.0270						
.041	-.1221									
.050		-.1168			.0650	.1280	.1448	.1444		
.069									.0000	
.080					-.0365					
.081				-.0939						
.086			-.0699							
.094		-.1298								
.113	-.1168									
.150					-.1639	-.1038	-.0754	-.0859		
.157									-.1275	
.163			-.0583							
.177				-.1475						
.229		-.1308								
.246			-.1038							
.247	-.1360									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(6) = 4.102 BETAO (4) = 4.191

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2091	-.1859	-.1596	-.1294		
.274				-.1390						
.345									-.1665	
.362		-.0605								
.390			-.1502							
.400					-.2303	-.2478		-.2242		
.402				-.2125						
.418										-.1016
.429	-.0986									
.497		-.1150								
.503									-.1945	
.547	-.0658									
.550					-.2466	-.2698				
.565				-.2069						
.600								-.2621		
.637			-.1818							
.638	-.1267									
.650							-.2667			
.670									-.2175	
.700		-.1478				-.2703				
.725					-.1916					
.727	-.1294									
.730										-.2368
.750							-.2471	-.2488		
.760				-.1297						
.775					-.2287	-.2847				
.793	-.0039									
.798			-.1157							
.808				-.1918						
.834		-.0482								
.839			-.1746							
.850					-.2183	-.2476	-.2325			
.857				-.1997						
.862									-.2148	
.865		-.1518								
.879			-.1884							
.900		-.1329			-.2101			-.2042		
.905				-.1743						
.919			-.1608							
.950					-.2000	-.2295	-.2130			
.953				-.1786						
.955			-.1519							
.965		-.1339								
1.000				-.2151		-.1974		-.1925		

ARC97-01S 1A81 LVAR(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(8) = 4.104 BETAO (5) = 6.248

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1181	-.1326	-.1725	.1084	.4930	.5164	.5405	.5434	.1145	
.010		-.1369	-.1646	.0312	.2352	.3390	.3577	.2907		
.020		-.1389	-.1509	-.0149	.1552	.2472	.2683	.2506	.0415	
.040			-.1430	-.0663						
.041	-.1072									
.050		-.1369			.0323	.1023	.1161	.1191		
.069									.0000	
.080					-.0430					
.081				-.0971						
.086			-.1102							
.094		-.1472								
.113	-.1234									
.150					-.1469	-.0998	-.0854	-.0419		
.157									-.0914	
.163			-.0623							
.177				-.1318						
.229		-.1376								
.246			-.0967							
.247	-.1563									
.250					-.1940	-.1766	-.1627	-.1369		
.274				-.1511						
.345									-.1345	
.362		-.0580								
.390			-.1364							
.400					-.2235	-.2394		-.2164		
.402				-.2005						
.418										-.0745
.429	-.0907									
.497		-.1151								
.503									-.1634	
.547	-.0702									
.550					-.2491	-.2590				
.565				-.2001						
.600								-.2465		
.637			-.1761							
.638	-.1332									
.650							-.2533			
.670									-.2089	
.700		-.1479				-.2558				
.725					-.1654					
.727	-.1296									
.730										-.2457
.750							-.2572	-.2131		
.780				-.1236						
.795					-.2167	-.2803				

ARC87-018 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(6) = 4.104 BETAO (5) = 8.248

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0001									
.798			-.0941							
.808				-.1844						
.834		-.0468								
.839			-.1637							
.850					-.2105	-.2178	-.2227			
.857				-.1861						
.862									-.2016	
.865		-.1581								
.879			-.1614							
.900		-.1373			-.2047			-.1697		
.905				-.1825						
.919			-.1817							
.950					-.1972	-.1868	-.1821			
.953				-.1667						
.955			-.1574							
.965		-.1436								
1.000				-.2156		-.1961		-.1757		

ALPHAO(7) = 6.207 BETAO (1) = -4.161

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0352	.0277	.0304	.4126	.8529	.8408	.8319	.8402	.2001	
.010		-.0193	.0107	.3241	.5075	.5893	.5845	.4670		
.020		-.0332	.0127	.2264	.3968	.4557	.4622	.4152	.0940	
.040			.0189	.1081						
.041	-.0898									
.050		-.0252			.2026	.2481	.2630	.2461		
.069									.0000	
.080					.0643					
.081				.0006						
.086			.0406							
.094		-.0279								
.113	-									
.150					-.1168	-.0452	-.0134	.0415		
.157									-.0629	
.163			.0153							
.177				-.1347						
.229		-.0288								
.248			-.0973							
.247	-.0342									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(7) = 8.207 BETAO (1) = -4.161

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1981	-.1545	-.1189	-.0839		
.274				-.1875						
.345									-.1240	
.362		-.0322								
.390			-.1742							
.400					-.2598	-.2344		-.1976		
.402				-.2494						
.418										-.0126
.429	-.0272									
.497		-.1248								
.503									-.1679	
.547	-.0597									
.550					-.2812	-.2655				
.565				-.2517						
.600								-.2411		
.637			-.2123							
.638	-.1433									
.650							-.2599			
.670									-.2158	
.700		-.1752				-.2763				
.725					-.2822					
.727	-.1450									
.730										-.1728
.750							-.2436	-.2195		
.760				-.2146						
.775					-.2926	-.2887				
.793	-.1433									
.798			-.1873							
.808				-.2570						
.834		-.1599								
.839			-.2353							
.850					-.2861	-.2949	-.2294			
.857				-.2566						
.862									-.2129	
.865		-.2143								
.879			-.2363							
.900		-.1951			-.2528			-.1701		
.905				-.2141						
.919			-.2277							
.950					-.2046	-.3214	-.2105			
.953				-.2348						
.955			-.2051							
.965		-.1434								
1.000				-.1875		-.2488		-.1593		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(7) = 8.210 BETAO (2) = -2.065

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.8730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0550	-.0143	-.0080	.3503	.7869	.8005	.7993	.7895	.1869	
.010		-.0507	-.0268	.2654	.4570	.5520	.5429	.4337		
.020		-.0589	-.0251	.1723	.3507	.4211	.4242	.3809	.0681	
.040			-.0205	.0848						
.041	-.1164									
.050		-.0411			.1673	.2236	.2280	.2173		
.069									.0000	
.080					.0381					
.081				-.0305						
.086			.0015							
.094		-.0403								
.113	-.1161									
.150					-.1278	-.0568	-.0347	.0174		
.157									-.0841	
.163			-.0159							
.177				-.1544						
.229		-.0582								
.246			-.1248							
.247	-.0510									
.250					-.2082	-.1638	-.1337	-.1022		
.274				-.2049						
.345									-.1440	
.382		-.0829								
.390			-.1948							
.400					-.2680	-.2420		-.2093		
.402				-.2619						
.418										-.0471
.429	-.0619									
.497		-.1435								
.503									-.1832	
.547	-.0804									
.550					-.2885	-.2744				
.565				-.2530						
.600								-.2508		
.637			-.2185							
.638	-.1584									
.650							-.2674			
.670									-.2274	
.700		-.1818				-.2835				
.725					-.2885					
.727	-.1548									
.730										-.2028
.750							-.2522	-.2372		
.760				-.2150						
.775					-.2920	-.2979				

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHAO(7) = 6.210 BETAO (2) = -2.065

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1472									
.798			-.1882							
.808				-.2534						
.834		-.1564								
.839			-.2333							
.850					-.2836	-.2999	-.2408			
.857				-.2544						
.862									-.2351	
.865		-.2071								
.879			-.2300							
.900		-.1726			-.2582			-.1825		
.905				-.2093						
.919			-.2145							
.950					-.2108	-.3241	-.2223			
.953				-.2250						
.955			-.1889							
.965		-.1259								
1.000				-.1985		-.2441		-.1712		

ALPHAO(7) = 6.220 BETAO (3) = .028

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0815	-.0508	-.0332	.3084	.7483	.7466	.7541	.7350	.1355	
.010		-.0888	-.0509	.2118	.5203	.5090	.4948	.3863		
.020		-.0971	-.0499	.1308	.3955	.3855	.3803	.3369	.0354	
.040			-.0434	.0285						
.041	-.1288									
.050		-.0786			.1358	.1922	.1910	.1809		
.069									.0000	
.080					.0117					
.081				-.0586						
.086			-.0289							
.094		-.0732								
.113	-.1314									
.150					-.1462	-.0756	-.0564	-.0079		
.157									-.1041	
.163			-.0499							
.177				-.1716						
.229		-.0917								
.246			-.1472							
.247	-.0918									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHA0(7) = 6.220 BETA0 (3) = .028

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2207	-.1795	-.1490	-.1200		
.274				-.2158						
.345									-.1591	
.362		-.0904								
.390			-.1949							
.400					-.2735	-.2500		-.2192		
.402				-.2636						
.418										-.0877
.429	-.0878									
.497		-.1445								
.503									-.1962	
.547	-.0885									
.550					-.2910	-.2784				
.565				-.2403						
.600								-.2586		
.637			-.2087							
.638	-.1522									
.650							-.2721			
.670									-.2347	
.700		-.1736				-.2888				
.725					-.2645					
.727	-.1469									
.730										-.2445
.750							-.2585	-.2467		
.760				-.2030						
.775					-.2774	-.3032				
.793	-.1384									
.798			-.1758							
.808				-.2407						
.834		-.1375								
.839			-.2202							
.850					-.2768	-.3025	-.2491			
.857				-.2338						
.862									-.2390	
.865		-.1872								
.879			-.2153							
.900		-.1537			-.2812			-.2017		
.905				-.1937						
.919			-.1942							
.950					-.2308	-.3218	-.2300			
.953				-.2095						
.955			-.1678							
.985		-.1208								
1.000				-.2082		-.2377		-.1783		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(7) = 8.219 BETAO (4) = 2.132

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1141	-.0666	-.0631	.2743	.6810	.6823	.6911	.6702	.0972	
.010		-.0996	-.0759	.1780	.3474	.4392	.4293	.3248		
.020		-.1055	-.0710	.0968	.2500	.3234	.3212	.2771	-.0027	
.040			-.0644	-.0064						
.041	-.1475									
.050		-.0986			.0880	.1440	.1480	.1305		
.069									.0000	
.080					-.0245					
.081				-.0883						
.086			-.0476							
.094		-.1001								
.113	-.1409									
.150					-.1685	-.0998	-.0828	-.0407		
.157									-.1261	
.163			-.0710							
.177				-.1089						
.229		-.1131								
.246			-.1584							
.247	-.1260									
.250					-.2350	-.1927	-.1674	-.1423		
.274				-.2240						
.345									-.1755	
.362		-.0935								
.390			-.1698							
.400					-.2814	-.2617		-.2327		
.402				-.2292						
.418										-.1395
.429	-.0986									
.497		-.1309								
.503									-.2051	
.547	-.0755									
.550					-.2317	-.2875				
.565				-.2289						
.600								-.2634		
.637			-.1057							
.638	-.1458									
.650							-.2812			
.670									-.2439	
.700		-.1693				-.2960				
.725					-.2483					
.727	-.1485									
.730										-.2968
.75							-.2714	-.2582		
.762				-.1643						
.775					-.2622	-.3071				

ARC97-019 (A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU36)

ALPHA0(7) = 8.219 BETA0 (4) = 2.132

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0768									
.798			-.1478							
.808				-.2115						
.834		-.0826								
.839			-.2008							
.850					-.2518	-.2996	-.2598			
.857				-.2171						
862									-.2475	
.865		-.1587								
.879			-.1903							
.900		-.1352			-.2379			-.2171		
.905				-.1881						
.919			-.1660							
.950					-.2207	-.3013	-.2429			
.953				-.1927						
.955			-.1502							
.965		-.1352								
1.000				-.2238		-.2047		-.1931		

ALPHA0(7) = 8.217 BETA0 (3) = 4.198

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1290	-.1411	-.0859	.2231	.6093	.6345	.6343	.6190	.0742	
.010		-.1448	-.1099	.1192	.2789	.3897	.3804	.2877		
.020		-.1448	-.1079	.0506	.1840	.2761	.2774	.2441	-.0252	
.040			-.1027	-.0357						
.041	-.1369									
.050		-.1253			.0378	.1105	.1128	.1034		
069									.0000	
.080					-.0605					
.081				-.1108						
.088			-.0826							
.094		-.1262								
.113	-.1322									
.150					-.1865	-.1233	-.1033	-.0594		
.157									-.1343	
.163			-.0918							
.177				-.2030						
.229		-.1295								
.246			-.1565							
.247	-.1504									

ARC97-019 !A8! LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHA0(7) = 6.217 BETA0 (5) = 4.196

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2455	-.2080	-.1830	-.1533		
.274				-.2053						
.345									-.1850	
.362		-.0842								
.390			-.1887							
.400					-.2756	-.2713		-.2407		
.402				-.2219						
.418										-.2239
.429	-.1016									
.497		-.1305								
.503									-.2162	
.547	-.0736									
.550					-.2591	-.2912				
.565				-.2219						
.600								-.2731		
.637			.2035							
.638	-.1415									
.650							-.2858			
.670									-.2553	
.700		-.1678				-.2940				
.725					-.2247					
.727	-.1481									
.730										-.3052
.750							-.2754	.2658		
.760				-.1484						
.775					-.2481	-.3016				
.783	-.0133									
.798			-.1460							
808				-.2037						
.834		-.0601								
.839			-.1947							
850					-.2314	-.2755	-.2624			
857				-.2141						
862									-.2503	
.875		-.1583								
879			-.1828							
900		-.1331			-.2247			-.2255		
905				-.1860						
919			-.1677							
950					-.2157	-.2520	-.2423			
953				-.1948						
955			-.1558							
965		-.1414								
1.000				-.2257		-.2744		-.2038		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37) (12 OCT 74)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.200 RN/FT = 2.500
ELV-IB = 8.000 ELV-OB = -4.000
RUDDER = .000 SPOBRK = .000

ALPHAO(I) = -6.357 BETAO (I) = -4.340

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.1040	.0458	.1184	.3617	.8151	.7520	.7189	.7412	-.0611	
.010		.0641	.1126	.3879	.6850	.7296	.7312	.6828		
.020		.0601	.1113	.3387	.5963	.6397	.6492	.6523	.1238	
.040			.1120	.2454						
.041	.0955									
.050		.0597			.4055	.4594	.4768	.4965		
.069									.0700	
.080					.2558					
.081				.1567						
.086			.1457							
.094		.0377								
.113	.0870									
.150					.0507	.1523	.1798	.2732		
.157									.0227	
.163			.1659							
.177				.0387						
.229		.0237								
.246			.0516							
.247	.0437									
.250					-.0354	.0169	.0602	.1138		
.274				-.0115						
.345									-.0214	
.382		.0773								
.390			-.0294							
.400					-.1029	-.0948		-.0423		
.402				-.0988						
.418										-.1376
.429	.0195									
.497		-.0070								
.503									-.0433	
.547	.0515									
.550					-.1373	-.1346				
.565				-.1059						
.600								-.1159		
.637			-.0810							
.638	-.0288									
.650							-.1288			
.870									-.0406	

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(1) = -6.357 BETAO (1) = -4.340

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.0415				-.1420				
.725					-.1266					
.727	-.0248									
.730										-.1819
.750							-.0847	-.0927		
.760				-.0381						
.775					-.1607	-.1798				
.793	.0638									
.798			.0161							
.808				-.0988						
.834		.0695								
.839			-.0601							
.850					-.1634	-.1606	-.0804			
.857				-.0833						
.862									-.0265	
.865		-.0517								
.879			-.0601							
.900		-.0155			-.1213			-.0535		
.905				-.0585						
.919			-.0453							
.950					-.0655	-.1740	-.0567			
.953				-.0534						
.955			-.0324							
.965		.0005								
1.000				-.0986		-.1061		-.1581		

ALPHAO(1) = -6.346 BETAO (2) = -2.232

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0619	.0298	.0826	.3395	.6994	.6669	.6379	.6485	-.0948	
.010		.0448	.0775	.3617	.5812	.6545	.6626	.6118		
.020		.0387	.0796	.3085	.5110	.5721	.5916	.5857	.0738	
.040			.0802	.2239						
.041	.0785									
.050		.0380			.3477	.4062	.4318	.4445		
.059									.0000	
.080					.2204					
.081				.1386						
.085			.0183							
.094		.0150								
.113	.0666									

ARC97-019 IA8! LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(1) = -6.348 BETAO (2) = -2.232

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.150					.0571	.1172	.1524	.2334		
.157									-.0119	
.163			.1467							
.177				.0335						
.229		.0018								
.246			.0519							
.247	.0172									
.250					-.0278	-.0040	.0378	.0889		
.274				-.0049						
.345									-.0478	
.362		.0635								
.390			-.0284							
.400					-.0956	-.0998		-.0598		
.402				-.0945						
.418										-.1625
.429	.0029									
.497		-.0073								
.503									-.0649	
.547	.0451									
.550					-.1347	-.1337				
.565				-.1077						
.600								-.1286		
.637			-.0844							
.638	-.0284									
.650							-.1379			
.670									-.0536	
.700		-.0507				-.1357				
.725					-.1200					
.727	-.0345									
.730										-.2025
.750							-.0928	-.1044		
.760				-.0207						
.775					-.1571	-.1801				
.793	.0883									
.798			.0111							
.808				-.0908						
.834		.0721								
.839			-.0842							
.850					-.1511	-.1840	-.0841			
.857				-.0858						
.862									-.0378	
.885		-.0606								
.879			-.0521							
.900		-.0298			-.1078			-.0683		
.905				-.0684						

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(1) = -8.348 BETAO (2) -2.232

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.919			-.0483							
.950					-.0709	-.1714	-.0847			
.953				-.0810						
.955			-.0418							
.965		-.0247								
1.000				-.1184		-.1081		-.1530		

ALPHAO(1) = -8.330 BETAO (3) = -.129

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0471	.0292	.0511	.2818	.6420	.5990	.5555	.5668	-.1235	
.010		.0348	.0474	.3027	.5606	.5829	.5942	.5456		
.020		.0268	.0504	.2633	.4853	.5020	.5279	.5215	.0370	
.040			.0518	.1920						
.041	.0536									
.050		.0224			.3281	.3377	.3812	.3917		
.069									.0000	
.080					.2079					
.081				.1248						
.086			.0918							
.094		.0055								
.113	.0522									
.150					.0495	.0883	.1220	.1997		
.157									-.0337	
.163			.1288							
.177				.0329						
.229		-.0051								
.246			.0437							
.247	.0054									
.250					-.0326	-.0060	.0142	.0639		
.274				-.0091						
.345									-.0654	
.362		.0644								
.390			-.0294							
.400					-.0986	-.0939		-.0713		
.402				-.0912						
.418										-.1868
.429	.0027									
.497		.0140								
.503									-.0801	
.547	.0370									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(1) = -8.330 BETAO (3) = -.129

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.1343	-.1272				
.585				-.1093						
.600								-.1338		
.637			-.0897							
.638	-.0353									
.650							-.1380			
.670									-.0661	
.700		-.0542				-.1396				
.725					-.1226					
.727	-.0407									
.730										-.2223
.750							-.0913	-.1067		
.760				-.0152						
.775					-.1576	-.1783				
.793	.1085									
.798			.0103							
.809				-.0898						
.834		.0784								
.839			-.0635							
.850					-.1366	-.1669	-.0723			
.857				-.0942						
.862									-.0487	
.865		-.0824								
.879			-.0695							
.900		-.0409			-.1059			-.0689		
.905				-.0732						
.919			-.0811							
.950					-.0798	-.1622	-.0442			
.953				-.0681						
.955			-.0597							
.965		-.0422								
1.000				-.1348		-.1013		-.1457		

ALPHAO(1) = -8.318 BETAO (4) = 1.982

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0200	.0023	.0088	.2247	.5954	.4553	.4539	.5006	-.1537	
.010		.0068	.0115	.2520	.5015	.4751	.4646	.4969		
.020		.0010	.0159	.2243	.4397	.4197	.4098	.4782	-.0053	
.040			.0203	.1643						
.041	.0288									

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(1) = -8.316 BETAO (4) = 1.982

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.050		.0027			.2954	.2943	.2940	.3578		
.069									.0000	
.080					.1842					
.081				.1069						
.086			.0642							
.094		-.0129								
.113	.0255									
.150					.0399	.0745	.0959	.1647		
.157									-.0831	
.163			.1085							
.177				.0298						
.229		-.0177								
.246			.0379							
.247	-.0136									
.250					-.0313	-.0208	.0114	.0397		
.274				-.0150						
.345									-.0894	
.362		.0554								
.390			-.0300							
.400					-.1101	-.1063		-.0810		
.402				-.0913						
.419										-.2103
.429	-.0041									
.497		-.0177								
.503									-.1007	
.547	.0282									
.550					-.1375	-.1309				
.565				-.1132						
.600								-.1345		
.637			-.0938							
.638	-.0436									
.650							-.1292			
.670									-.0785	
.700		-.0817				-.1420				
.725					-.1275					
.727	-.0497									
.730										-.2380
.750							-.0831	-.1072		
.760				-.0238						
.775					-.1565	-.1831				
.793	.0963									
.798			.0048							
.808				-.0938						
.834		.0697								
.839			-.0617							

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(1) = -6.316 BETAO (4) = 1.982

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.850					-.1275	-.1710	-.0738			
.857				-.0953						
.862									-.0538	
.865		-.0723								
.879			-.0746							
.900		-.0474			-.1014			-.0684		
.905				-.0754						
.919			-.0698							
.950					-.0834	-.1541	-.0501			
.953				-.0724						
.955			-.0695							
.965		-.0569								
1.000				-.1539		-.1139		-.1328		

ALPHAO(1) = -6.303 BETAO (5) = 4.052

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0027	-.0057	-.0210	.1861	.5006	.4358	.3618	.3797	-.1769	
.010		-.0105	-.0183	.2073	.4451	.4750	.4196	.4083		
.020		-.0163	-.0122	.1905	.3928	.4227	.3809	.3934	-.0404	
.040			-.0085	.1446						
.041	.0079									
.050		-.0180			.2690	.2961	.2813	.3061		
.069									.0000	
.080					.1700					
.081				.0974						
.086			.0354							
.094		-.0378								
.113	.0092									
.150					.0403	.0748	.0939	.1497		
.157									-.0835	
.163			.0975							
.177				.0288						
.229		-.0231								
.246			.0347							
.247	-.0333									
.250					-.0288	-.0184	.0081	.0420		
.274				-.0183						
.345									-.1027	
.362		.0499								
.390			-.0304							

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(1) = -6.303 BETAO (5) = 4.052

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.400					-.1017	-.1003		-.0690		
.402				-.0906						
.418										-.2274
.429	-.0013									
.497		-.0228								
.503									-.1092	
.547	.0228									
.550					-.1304	-.1320				
.565				-.1157						
.600								-.1273		
.637			-.0993							
.638	-.0530									
.650							-.1282			
.670									-.0808	
.700		-.0713				-.1421				
.725					-.1234					
.727	-.0601									
.730										-.2513
.750							-.0808	-.1031		
.760				-.0149						
.775					-.1608	-.1893				
.793	.0328									
.798			.0212							
.808				-.0753						
.834		.0947								
.839			-.0352							
.850					-.1271	-.1778	-.0738			
.857				-.0773						
.862									-.0558	
.865		-.0542								
.879			-.0571							
.900		-.0388			-.0990			-.0887		
.905				-.0682						
.919			-.0612							
.950					-.0840	-.1498	-.0421			
.953				-.0666						
.955			-.0649							
.965		-.0610								
1.000				-.1630		-.1192		-.1215		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(2) = -4.273 BETAO (1) = -6.424

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.1261	.0830	.1557	.4514	.8805	.8465	.8362	.8358	.0204	
.010		.0763	.1445	.4548	.6991	.7734	.7914	.7230		
.020		.0688	.1401	.3789	.6061	.6691	.6885	.6877	.1721	
.040			.1364	.2651						
.041	.0974									
.050		.0742			.4046	.4686	.4935	.5086		
.069									.0000	
.080					.2508					
.081				.1527						
.086			.1628							
.094		.0565								
.113	.0807									
.150					.0499	.1452	.1761	.2732		
.157									.0427	
.163			.1669							
.177				.0128						
.229		.0244								
.246			.0367							
.247	.0585									
.250					-.0507	.0078	.0533	.1080		
.274				-.0448						
.345									-.0090	
.382		.0588								
.390			-.0570							
.400					-.1283	-.1030		-.0538		
.402				-.1283						
.418										-.0519
.429	.0084									
.497		-.0248								
.503									-.0381	
.547	.0398									
.550					-.1607	-.1448				
.565				-.1344						
.600								-.1241		
.637			-.1054							
.638	-.0357									
.650							-.1404			
.670									-.0412	
.700		-.0842				-.1583				
.725					-.1684					
.727	-.0425									
.730										-.1155
.750							-.1019	-.1039		
.760				-.0868						
.775					-.1922	-.1822				

ARC97-019 IABI LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(2) = -4.273 BETAO (1) = -6.424

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.887	.9720	1.0000
X/CW										
.793	.0094									
.798			-.0330							
.808				-.1375						
.834		.0131								
.839			-.0952							
.850					-.1935	-.1721	-.0952			
.857				-.1226						
.862									-.0310	
.865		-.0785								
.879			-.0912							
.900		-.0385			-.1387			-.0551		
.905				-.0893						
.919			-.0705							
.950					-.0718	-.1963	-.0732			
.953				-.0852						
.955			-.0482							
.965		.0097								
1.000				-.0778		-.1136		-.1484		

ALPHAO(2) = -4.268 BETAO (2) = -4.362

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0944	.0388	.1225	.3731	.3087	.7673	.7540	.7683	-.0141	
.010		.0545	.1119	.3784	.[illegible]	.[illegible]	.7240	.6651		
.020		.0485	.1093	.3[illegible]	.[illegible]	.6044	.6344	.6309	.1351	
.040			.1030	.2134						
.041	.0708									
.050		.0471			.37	.4284	.4526	.4769		
.069									.0000	
.080					.2330					
.081				.1283						
.086			.1340							
.094		.0276								
.113	.0734									
.150					.0393	.1308	.1574	.2481		
.157									.0217	
.163			.1380							
.177				.0122						
.229		.0069								
.246			.0224							
.247	.0312									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(2) = -4.268 BETAO (2) = -4.362

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.0554	.0017	.0409	.0931		
.274				-.0396						
.345									-.0248	
.362		.0483								
.390			-.0568							
.400					-.1276	-.1021		-.0583		
.402				-.1207						
.418										-.0808
.429	-.0041									
.497		-.0285								
.503									-.0492	
.547	.0292									
.550					-.1508	-.1439				
.565				-.1240						
.600								-.1247		
.637			-.0964							
.638	-.0407									
.650							-.1373			
.670									-.0518	
.700		-.0582				-.1571				
.725					-.1504					
.727	-.0407									
.730										-.1289
.750							-.1017	-.1058		
.760				-.0653						
.775					-.1746	-.1782				
.793	.0318									
.798			-.0185							
.808				-.1207						
.834		.0353								
.839			-.0826							
.850					-.1762	-.1889	-.0952			
.857				-.1072						
.862									-.0411	
.865		-.0669								
.879			-.0798							
.900		-.0342			-.1325			-.0650		
.905				-.0791						
.919			-.0821							
.950					-.0868	-.1772	-.0743			
.953				-.0764						
.955			-.0468							
.965		-.0105								
1.000				-.0938		-.1089		-.1518		

ARC87-019 IABI LVAP(ALLML SEALED) LEFT WING TOP (RETU37)

ALPHAO(2) = -4.242 BETAO (3) = -.145

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0349	.0076	.0522	.2856	.6081	.6031	.5730	.5935	-.0844	
.010		.0122	.0417	.2968	.4809	.5621	.5694	.5267		
.020		.0056	.0407	.2407	.4161	.4798	.4983	.4978	.0478	
.040			.0440	.1542						
.041	.0282									
.050		.0026			.2771	.3288	.3501	.3611		
.069									.0000	
.080					.1730					
.081				.0803						
.098			.0714							
.094		-.0108								
.113	.0249									
.150					.0165	.0657	.1022	.1720		
.157									-.0371	
.163			.0913							
.177				-.0085						
.229		-.0332								
.245			.0106							
.247	-.0118									
.250					-.0567	-.0421	-.0020	.0405		
.274				-.0431						
.345									-.0710	
.362		.0277								
.390			-.0592							
.400					-.1184	-.1212		-.0876		
.402				-.1158						
.418										-.1351
.429	-.0308									
.497		-.0359								
.503									-.0880	
.547	.0122									
.550					-.1482	-.1508				
.565				-.1234						
.600								-.1463		
.637			-.1019							
.638	-.0541									
.650							-.1545			
.670									-.0817	
.700		-.0713				-.1548				
.725					-.1364					
.727	-.0604									
.730										-.1872
.750							-.1118	-.1268		
.760				-.0318						
.775					-.1652	-.1831				

ARC97-019 1A81 L/AP(ALLHL SEALED) LEFT WING TOP (REV037)

ALPHAO(2) = -4.242 BETAO (3) = -.145

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7300	.8870	.9720	1.0000
X/CW										
.793	.0742									
.798			-.0152							
.808				-.1045						
.834		.0474								
.839			-.0823							
.850					-.1534	-.1765	-.1069			
.857				-.1098						
.862									-.0673	
.865		-.0760								
.879			-.0827							
.903		-.0543			-.1227			-.0926		
.905				-.0870						
.919			-.0751							
.950					-.0952	-.1755	-.0778			
.953				-.0873						
.955			-.0724							
.965		-.0556								
1.000				-.1346		-.1124		-.1496		

ALPHAO(2) = -4.216 BETAO (4) = 4.041

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0211	-.0311	-.0250	.1904	.5197	.3882	.4030	.4689	-.1447	
.010		-.0318	-.0250	.1835	.4132	.4129	.3805	.4084		
.020		-.0368	-.0217	.1468	.3515	.3632	.3291	.3898	-.0209	
.040			-.0184	.1013						
.041	-.0158									
.050		-.0368			.2253	.2442	.2253	.2696		
.069									.0000	
.080					.1316					
.081				.0590						
.086			.0129							
.094		-.0532								
.113	-.0058									
.150					.0068	.0381	.0550	.1178		
.157									-.0811	
.183			.0505							
.177				-.0031						
.229		-.0550								
.246			.0047							
.247	-.0461									

ARC07-019 1A81 LVAP(ALL[illegible] SEALED) LEFT WING TOP (RETU37)

ALPHA0(2) = -4.218 BETA0 (4) = 4.041

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.0584	-.0469	-.0185	.0113		
.274				-.0371						
.345									-.1072	
.362		.0161								
.390			-.0515							
.400					-.1229	-.1181		-.0935		
.402				-.1064						
.418										-.1881
.429	-.0354									
.497		-.0428								
.503									-.1166	
.547	-.0038									
.550					-.1471	-.1425				
.565				-.1269						
.600								-.1426		
.637			-.1093							
.638	-.0671									
.650							-.1408			
.670									-.0961	
.700		-.0849				-.1537				
.725					-.1360					
.727	-.0734									
.730										-.2229
.750							-.0980	-.1175		
.760				-.0335						
.775					-.1585	-.1907				
.793	.0512									
.798			-.0042							
.808				-.0982						
.834		.0479								
.839			-.0680							
.850					-.1324	-.1689	-.0869			
.857				-.1021						
.862									-.0714	
.885		-.0789								
.879			-.0802							
.900		-.0852			-.1157			-.0848		
9[illegible]5				-.0825						
9[illegible]9			-.0835							
9[illegible]0					-.1048	-.1511	-.0843			
9[illegible]3				-.0674						
9[illegible]5			-.0838							
9[illegible]6		-.0769								
1.000				-.1595		-.1291		-.1212		

ARC97-019 IA81 LVAP(ALLML SEALED) LEFT WING TOP (RETU37)

ALPHA0(2) = -4.212 BETA0 (5) = 6.106

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	3840	.4270	.5341	.6730	.7800	.8870	.8720	1.0000
X/CW										
.000	-.0240	-.0480	-.0605	.1301	.4583	.3763	.3142	.3181	-.1732	
.010		-.0520	-.0602	.1380	.3689	.4000	.3722	.3261		
.020		-.0563	-.0539	.1201	.3123	.3508	.3338	.3134	-.0615	
.040			-.0492	.0904						
.041	-.0336									
.050		-.0580			.1950	.2402	.2371	.2371		
.069									.0000	
.080					.1100					
.081				.0500						
.086			-.0095							
.094		-.0741								
.113	-.0226									
.150					.0028	.0476	.0607	.1035		
.157									-.1004	
.163			.0498							
.177				-.0020						
.229		-.0577								
.246			.0048							
.247	-.0707									
.250					-.0529	-.0370	-.0208	.0114		
.274				-.0430						
.345									-.1179	
.362		.0145								
.390			-.0512							
.400					-.1155	-.1133		-.0880		
.402				-.1052						
.418										-.2017
.429	-.0316									
.497		-.0457								
.503									-.1243	
.547	-.0109									
.550					-.1394	-.1427				
.565				-.1227						
.600								-.1399		
.637			-.1059							
.638	-.0707									
.650							-.1431			
.670									-.0991	
.700		-.0832				-.1493				
.725					-.1298					
.727	-.0747									
.730										-.2050
.750							-.1005	-.1184		
.760				-.0301						
.775					-.1607	-.1902				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(2) = -4.212 BETAO (5) = 6.108

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0044									
.798			.0031							
.808				-.0850						
.834		.0557								
.839			-.0559							
.850					-.1279	-.1631	-.0910			
.857				-.0850						
.862									-.0760	
.865		-.0881								
.879			-.0711							
.900		-.0584			-.1060			-.0860		
.905				-.0711						
.919			-.0784							
.950					-.0919	-.1483	-.0605			
.953				-.0784						
.955			-.0824							
.965		-.0751								
1.000				-.1709		-.1483		-.1330		

ALPHAO(3) = -2.199 BETAO (1) = -6.428

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.1130	.0492	.1465	.4501	.9065	.8485	.8428	.8513	.0722	
.010		.0569	.1368	.4384	.6888	.7474	.7528	.6877		
.020		.0512	.1289	.3551	.5864	.6371	.6498	.6460	.1798	
.040			.1288	.2424						
.041	.0629									
.050		.0585			.3812	.4379	.4518	.4691		
.069									.0000	
.080					.2275					
.081				.1337						
.088			.1429							
.094		.0433								
.113	.0549									
.150					.0254	.1202	.1493	.2361		
.157									.0373	
.163			.1349							
.177				-.0075						
.229		.0163								
.246			.0073							
.247	.0422									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(3) = -2.199 BETAO (1) = -6.426

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.0729	-.0128	.0326	.0814		
.274				-.0679						
.345									-.0184	
.362		.0363								
.390			-.0799							
.400					-.1456	-.1170		-.0889		
.402				-.1443						
.418										.0048
.429	-.0058									
.497		-.0445								
.503									-.0459	
.547	.0225									
.550					-.1731	-.1570				
.565				-.1529						
.600								-.1345		
.637			-.1197							
.638	-.0490									
.650							-.1493			
670									-.0586	
.700		-.0783				-.1709				
.725					-.1751					
.727	-.0563									
.730										-.0600
.750							-.1168	-.1137		
.760				-.1079						
.775					-.2028	-.1825				
.793	-.0183									
.798			-.0653							
.808				-.1516						
.834		-.0220								
.839			.1197							
.850					-.1974	-.1858	-.1125			
.857				-.1450						
.862									-.0499	
.865		-.0980								
.879			-.1180							
.900		-.0669			-.1204			-.0719		
.905				-.1089						
.919			-.0985							
.950					-.0981	-.2000	-.0926			
.953				-.1083						
.955			-.0726							
.965		-.0113								
1.000				-.0761		-.1155		-.1387		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(3) = -2.186 BETAO (2) = -2.253

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0460	-.0071	.0662	.3050	.7504	.7006	.6960	.7017	-.0094	
.010		.0012	.0563	.2894	.5621	.6167	.6374	.5730		
.020		-.0045	.0543	.2277	.4735	.5169	.5487	.5397	.0903	
.040			.0543	.1479						
.041	.0196									
.050		-.0041			.2945	.3451	.3731	.3870		
.069									.0000	
.080					.1630					
.081				.0750						
.086			.0782							
.094		-.0146								
.113	.0112									
.150					-.0144	.0692	.1000	.1748		
.157									-.0218	
.163			.0785							
.177				-.0324						
.229		-.0411								
.246			-.0270							
.247	-.0175									
.250					-.0987	-.0452	-.0086	.0375		
.274				-.0784						
.345									-.0658	
.362		-.0066								
.390			-.0887							
.400					-.1610	-.1369		-.0970		
.402				-.1437						
.418										-.0665
.429	-.0526									
.497		-.0616								
.503									-.0889	
.547	-.0112									
.550					-.1787	-.1746				
.565				-.1470						
.600								-.1553		
.637			-.1218							
.638	-.0673									
.650							-.1673			
.670									-.0903	
.700		-.0844				-.1868				
.725					-.1711					
.727	-.0689									
.730										-.1253
.750							-.1401	-.1452		
.750				-.0784						
.775					-.1892	-.1938				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(3) = -2.186 BETAO (2) = -2.253

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0229									
.798			-.0502							
.808				-.1325						
.834		.0082								
.839			-.1136							
.850					-.1813	-.1961	-.1355			
.857				-.1281						
.862									-.0782	
.865		-.0915								
.879			-.1103							
.900		-.0646			-.1420			-.1097		
.905				-.1034						
.919			-.0930							
.950					-.1010	-.1872	-.1184			
.953				-.1070						
.955			-.0778							
.985		-.0568								
1.000				-.1209		-.1240		-.1514		

ALPHAO(3) = -2.171 BETAO (3) = 1.947

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0116	-.0358	.0004	.2160	.4955	.5454	.5171	.5484	-.0805	
.010		-.0370	-.0109	.2187	.3771	.4910	.4849	.4535		
.020		-.0400	-.0115	.1713	.3147	.4079	.4141	.4258	.0184	
.040			-.0095	.0990						
.041	-.0122									
.050		-.0330			.1865	.2529	.2722	.2947		
.069									.0000	
.080					.0953					
.081				.0261						
.086			.0151							
.094		-.0471								
.113	-.0169									
.150					-.0299	-.0005	.0448	.1141		
.157									-.0688	
.163			.0303							
.177				-.0552						
.229		-.0763								
.248			-.0351							
.247	-.0483									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(3) = -2.171 BETAO (3) = 1.947

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.0952	-.0900	-.0518	-.0047		
.274				-.0747						
.345									-.1034	
.362		-.0172								
.390			-.0869							
.400					-.1438	-.1549		-.1208		
.402				-.1381						
.418										-.1226
.429	-.0698									
.497		-.0855								
.503									-.1195	
.547	-.0253									
.550					-.1694	-.1745				
.565				-.1450						
.600								-.1731		
.637			-.1225							
.638	-.0784									
.650							-.1777			
.670									-.1155	
.700		-.0957				-.1745				
.725					-.1543					
.727	-.0848									
.730										-.1730
.750							-.1462	-.1580		
.760				-.0691						
.775					-.1727	-.1944				
.793	.0413									
.798			-.0540							
.808				-.1331						
.834		-.0017								
.839			-.1132							
.850					-.1609	-.1858	-.1321			
.857				-.1397						
.862									-.1000	
.865		-.1031								
.879			-.1125							
.900		-.0894			-.1412			-.1329		
.905				-.1110						
.919			-.1098							
.950					-.1188	-.1828	-.1056			
.953				-.1193						
.955			-.1082							
965		-.0850								
000				-.1598		-.1308		-.1569		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHA0(3) = -2.158 BETA0 (4) = 6.083

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0453	-.0657	-.0753	.1141	.4226	.3500	.3730	.4274	-.1421	
.010		-.0704	-.0750	.1128	.3455	.3493	.3501	.3551		
.020		-.0744	-.0713	.0902	.2897	.2999	.2972	.3316	-.0420	
.040			-.0673	.0527						
.041	-.0544									
.050		-.0764			.1724	.1935	.1904	.2068		
.069									.0000	
.080					.0811					
.081				.0113						
.086			-.0394							
.094		-.0921								
.113	-.0377									
.150					-.0345	.0155	.0233	.0677		
.157									-.1031	
.163			.0127							
.177				-.0418						
.229		-.0898								
.246			-.0308							
.247	-.0825									
.250					-.0876	-.0684	-.0480	-.0273		
.274				-.0703						
.345									-.1297	
.362		-.0173								
.390			-.0703							
.400					-.1425	-.1378		-.1182		
.402				-.1280						
.418										-.1552
.429	-.0821									
.497		-.0710								
.503									-.1388	
.547	-.0360									
.550					-.1635	-.1815				
.565				-.1423						
.600								-.1628		
.637			-.1248							
.638	-.0808									
.650							-.1603			
.670									-.1208	
.700		-.1009				-.1718				
.725					-.1514					
.727	-.0908									
.730										-.1639
.750							-.1242	-.1400		
.760				-.0587						
.775					-.1897	-.2053				

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(3) = -2.158 BETAO (4) = 6.093

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0159									
.798			-.0305							
.808				-.1135						
.834		.0166								
.839			-.0879							
.850					-.1448	-.1685	-.1104			
.857				-.1151						
.862									-.0984	
.865		-.0891								
.879			-.0966							
.900		-.0844			-.1294			-.1091		
.905				-.0948						
.919			-.1042							
.950					-.1179	-.1468	-.0681			
.953				-.1045						
.955			-.1089							
.965		-.0928								
1.000				-.1703		-.1669		-.1277		

ALPHAO(4) = -.138 BETAO (1) = -6.431

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0964	.0340	.1258	.4460	.9154	.8689	.8608	.8790	.1138	
.010		.0358	.1123	.4243	.1735	.7332	.7423	.1866		
.020		.0309	.1069	.3402	.6693	.6113	.6311	.6230	.1809	
.040			.1066	.2246						
.041	.0356									
.050		.0353			.5519	.4078	.4279	.4452		
.069									.0000	
.080					.2049					
.081				.1147						
.088			.1289							
.094		.0285								
.113	.0338									
.150					.0061	.0944	.1251	.2069		
.157									.0287	
.163			.1156							
.177				-.0288						
.229		.0[illegible]								
.246			- .0125							
.247	.0[illegible]69									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(4) = -.138 BETAO (1) = -6.431

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.0926	-.0347	.0068	.0510		
.274				-.0908						
.345									-.0278	
.362		.0215								
.390			-.1013							
.400					-.1633	-.1339		-.0884		
.402				-.1687						
.418										.0394
.429	.0012									
.497		-.0617								
.503									-.0588	
.547	.0032									
.550					-.1923	-.1730				
.565				-.1813						
.600								-.1509		
.637			-.1399							
.638	-.0646									
.650							-.1642			
.670									-.0820	
.700		-.0969				-.1856				
.725					-.1965					
.727	-.0716									
.730										-.0285
.750							-.1362	-.1321		
.760				-.1335						
.775					-.2183	-.1949				
.793	-.0419									
.798			-.0973							
.808				-.1740						
.834		-.0817								
.839			-.1475							
.850					-.1571	-.1969	-.1316			
.857				-.1734						
.862									-.0790	
.865		-.1254								
.879			-.1505							
.900		-.1023			-.1419			-.0904		
.905				-.1277						
.919			-.1352							
.950					-.1317	-.2038	-.1145			
.953				-.1177						
.955			-.1070							
.965		-.0318								
1.000				-.0841		-.1359		-.1399		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(4) = -.135 BETAO (2) = -4.375

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CF

Y/BW	.2350	.2980	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0595	.0053	.0810	.3954	.8529	.7881	.7943	.8028	.0715	
.010		.0104	.0687	.3725	.6261	.6812	.6808	.6111		
.020		.0037	.0647	.2912	.5237	.5746	.5748	.5730	.1384	
.040			.0647	.1820						
.041	.0053									
.050		.0080			.3283	.3804	.3855	.4030		
.069									.0000	
.080					.1831					
.081				.0788						
.086			.0856							
.094		-.0084								
.113	.0160									
.150					-.0067	.0753	.1018	.1783		
.157									.0012	
.163			.0713							
.177				-.0517						
.229		-.0097								
.248			-.0423							
.247	-.0090									
.250					-.1037	-.0484	-.0114	.0341		
.274				-.1054						
.345									-.0498	
.362		-.0070								
.390			-.1104							
.400					-.1710	-.1432		-.0984		
.402				-.1721						
.418										.0060
.429	-.0328									
.497		-.0765								
.503									-.0785	
.547	-.0170									
.550					[illegible]	-.1804				
.565				-.1814						
.600								-.[illegible]34		
.637			-.1447							
.638	-.0838									
.650							-.1721			
.670									-.0920	
.700		-.1023				-.1940				
.705					-.1996					
.757	-.0829									
.730										.0569
.750							-.1468	-.1396		
.760				-.1298						
.775					-.2183	-.2019				

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(4) = -.135 BETAO (2) = -4.378

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.783	-.0411									
.788			-.0888							
.809				-.1881						
.834		-.0388								
.839			-.1387							
.850					-.1723	-.2072	-.1396			
.857				-.1845						
.862									-.0856	
.865		-.1078								
.879			-.1383							
.900		-.0842			-.1480			-.1108		
.905				-.1278						
.919			-.1227							
.950					-.1336	-.2086	-.1238			
.953				-.1389						
.955			-.0988							
.965		-.0448								
1.000				-.1083		-.1258		-.1501		

ALPHAO(4) = -.128 BETAO (3) = -.174

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0041	-.0408	.0101	.2787	.6988	.6384	.6337	.6428	-.0051	
.010		-.0388	-.0013	.2325	.4920	.5340	.5522	.4880		
.020		-.0431	-.0023	.1557	.3973	.4379	.4618	.4549	.0552	
.040			-.0006	.0779						
.041	-.0284									
.050		-.0398			.2237	.2716	.2939	.3077		
.069									.0000	
.080					.1022					
.081				.0058						
.088			.0284							
.094		-.0486								
.113	-.0291									
.150					-.0505	.0187	.0450	.1105		
.157									-.0528	
.163			.0250							
.177				-.0788						
.229		-.0725								
.248			-.0882							
.247	-.0512									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(4) = -.120 BETAO (3) = -.174

SECTION (11)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.250					-.1372	-.0868	-.0531	-.0125		
.274				-.1135						
.345									-.0934	
.362		-.0423								
.390			-.1168							
.400					-.1870	-.1858		-.1284		
.402				-.1630						
.418										-.0538
.429	-.0788									
.497		-.0893								
.503									-.1139	
.547	-.0408									
.550					-.1982	-.1983				
.565				-.1644						
.600								-.1801		
.637			-.1398							
.638	-.0910									
.650							-.1921			
.670									-.1170	
.700		-.1089				-.2102				
.725					-.1817					
.727	-.0937									
.730										-.1066
.750							-.1707	-.1694		
.760				-.0903						
.775						-.1926	-.2089			
.793	.0205									
.798			-.0812							
.808				-.1441						
.834		-.0180								
.839			-.1341							
.850					-.1843	-.2132	-.1651			
.857				-.1501						
.862									-.1092	
.865		-.1072								
.879			-.1281							
.900		-.0944			-.1833			-.1438		
.905				-.1223						
.91			-.1175							
.950					-.1392	-.2023	-.1509			
.953				-.1343						
.955			-.1 72							
.965		-.0890								
1.000				-.1413		-.1232		-.1537		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(4) = -.113 BETAO (4) = 4.000

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0444	-.0795	-.0532	.1526	.5129	.4808	.4784	.5176	-.0641	
.010		-.0805	-.0572	.1307	.3439	.4083	.4203	.3947		
.020		-.0825	-.0562	.0902	.2672	.3244	.3484	.3848	-.0015	
.040			-.0535	.0328						
.041	-.0460									
.050		-.0768			.1258	.1819	.2087	.2407		
.069									.0000	
.080					.0358					
.081				-.0209						
.086			-.0345							
.094		-.0866								
.113	-.0511									
.150					-.0683	-.0309	.0021	.0707		
.157									-.0886	
.163			-.0193							
.177				-.0776						
.229		-.1051								
.246			-.0845							
.247	-.0815									
.250					-.1175	-.1115	-.0814	-.0367		
.274				-.0979						
.345									-.1229	
.362		-.0490								
.390			-.1097							
.400					-.1582	-.1668		-.1403		
.402				-.1523						
.418										-.0986
.425	-.0819									
.497		-.0900								
.503									-.1374	
.547	-.0587									
.550					-.1832	-.1847				
.565				-.1612						
.600								-.1883		
.637			-.1418							
.638	-.1038									
.650							-.1888			
.670									-.1370	
.700		-.1138				-.1894				
.725					-.1637					
.727	-.1083									
.730										-.1453
.750							-.1809	-.1785		
.760				-.0998						
.775					-.1724	-.2008				

ARC97-019 (ABI LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(4) = -.113 BETAO (4) = 4.000

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0128									
.798			-.0758							
.808				-.1448						
.834		-.0262								
.839			-.1263							
.850					-.1625	-.1897	-.1471			
.857				-.1506						
.862									-.1212	
.865		-.1175								
.879			-.1280							
.900		-.1054			-.1527			-.1507		
.905				-.1209						
.919			-.1293							
.950					-.1386	-.1698	-.1228			
.953				-.1352						
.955			-.1270							
.965		-.1017								
1.000				-.1667		-.1517		-.1391		

ALPHAO(4) = -.090 BETAO (5) = 6.061

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0876	-.0903	-.0901	.0837	[illegible]	.4253	.4188	.4421	-.0947	
.010		-.0343	-.0924	.0724	.[illegible]529	.3589	.3778	.3441		
.020		-.0967	-.0894	.0463	.2311	.2821	.3109	.3206	-.0339	
.040			-.0874	.0099						
.041	-.0878									
.050		-.0970			.1033	.1531	.1814	.2049		
.069									.0000	
.080					.0379					
.081				-.0209						
.088			-.0668							
.094		-.1081								
.113	-.0585									
.150					-.0629	-.0303	-.0168	.0453		
.157									-.1102	
.163			-.0284							
.177				- 0739						
.229		-.1119								
.246			-.0619							
.[illegible]7	-.0994									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(4) = -.090 BETAO (5) = 6.081

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2980	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.250					-.1134	-.1037	-.0890	-.0557		
.274				-.0871						
.345									-.1384	
.362		-.0477								
.390			-.1053							
.400					-.1597	-.1593		-.1513		
.402				-.1481						
.418										-.0976
.429	-.0873									
.497		-.0924								
.503									-.1505	
.547	-.0609									
.550					-.1784	-.1809				
.555				-.1807						
.600								-.1929		
.637			-.1431							
.638	-.1074									
.650							-.1854			
.670									-.1485	
.700		-.1192				-.1881				
.725					-.1659					
.727	-.1094									
.730										-.1154
.750							-.1529	-.1758		
.760				-.0852						
.775					-.1810	-.2178				
.793	-.0375									
.798			-.0672							
.808				-.1342						
.834		-.0192								
.839			-.1149							
.850					-.1613	-.1891	-.1388			
.857				-.1378						
.862									-.1118	
.885		-.1088								
.879			-.1188							
.900		-.1034			-.1492			-.1425		
.905				-.1189						
.919			-.1238							
.951					-.1380	-.1593	-.1129			
.953				-.1302						
.955			-.1232							
.985		-.1081								
1.000				-.1747		-.1775		-.1394		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(5) = 1.918 BETAO (1) = -8.431

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0735	.0165	.0960	.4454	.9257	.8898	.8785	.8923	.1568	
.010		.0155	.0840	.4118	.6441	.7238	.7233	.6356		
.020		.0081	.0320	.3208	.5334	.5958	.6072	.5880	.1794	
.040			.0844	.2044						
.041	.0125									
.050		.0202			.3270	.3860	.4019	.4094		
.069									.0000	
.080					.1798					
.081				.0946						
.086			.1030							
.094		.0300								
.113	.0014									
.150					-.0110	.0690	.1015	.1742		
.157									.0195	
.163			.0944							
.177				-.0452						
.229		.0149								
.246			-.0254							
.247	.0081									
.250					-.1079	-.0553	-.0128	.0298		
.274				-.1040						
.345									-.0388	
.362		.0115								
.390			-.1155							
.400					-.1757	-.1493		-.1039		
.402				-.1792						
.418										.0706
.429	.0061									
.497		-.0777								
.503									-.0726	
.547	-.0124									
.550					-.2003	-.1652				
.565				-.1952						
.600								-.1811		
.637			-.1549							
.638	-.0822									
.650							-.1775			
.670									-.1009	
.700		-.1154				-.1982				
.725					-.2084					
.727	-.0912									
.730										-.0121
.750							-.1555	-.1409		
.760				-.1493						
.775					-.2258	-.2038				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(5) = 1.918 BETAO (1) = -6.431

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0664									
.798			-.1192							
.808				-.1858						
.834		-.0895								
.839			-.1849							
.850					-.1832	-.2072	-.1478			
.857				-.1862						
.862									-.0985	
.865		-.1457								
.879			-.1716							
.900		-.1339			-.1560			-.1059		
.905				-.1351						
.919			-.1642							
.950					-.1477	-.2018	-.1308			
.953				-.1414						
.955			-.1409							
.965		-.0649								
1.000				-.0914		-.1528		-.1427		

ALPHAO(5) = 1.918 BETAO (2) = -2.268

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0195	-.0422	.0209	.3507	.8027	.7337	.7488	.7478	.0771	
.010		-.0453	.0099	.3121	.5529	.5874	.6115	.5241		
.020		-.0496	.0119	.2338	.4490	.4824	.5042	.4842	.0983	
.040			.0149	.1272						
.041	-.0345									
.050		-.0432			.2580	.3035	.3185	.3233		
.089									.0000	
.080					.1238					
.081				.0306						
.088			.0380							
.094		-.0494								
.113	-.0408									
.150					-.0494	.0274	.0532	.1148		
.157									-.0340	
.183			.0218							
.177				-.0919						
.229		-.0424								
.246			-.0802							
.247	-.0563									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(5) = 1.916 BETAO (2) = -2.268

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1371	-.0854	-.0533	-.0101		
.274				-.1382						
.345									-.0829	
.362		-.0441								
.390			-.1438							
.400					-.1982	-.1695		-.1287		
.402				-.1982						
.418										.0043
.429	-.0583									
.497		-.1047								
.503									-.1109	
.547	-.0523									
.550					-.2189	-.2018				
.585				-.1992						
.600								-.1839		
.637			-.1629							
.638	-.1050									
.650							-.1950			
.670									-.1241	
.700		-.1249				-.2151				
.725					-.2222					
.727	-.1053									
.730										-.0607
.750							-.1798	-.1681		
.760				-.1502						
.775					-.2334	-.2198				
.793	-.0745									
.798			-.1122							
.808				-.1835						
.834		-.0612								
.839			-.1569							
.850					-.1663	-.2274	-.1693			
.857				-.1825						
.862									-.1204	
.865		-.1215								
.879			-.1578							
.900		-.1020			-.1741			-.1478		
.905				-.1434						
.919			-.1412							
.950					-.1549	-.2135	-.1541			
.953				-.1844						
.955			-.1185							
.985		-.0770								
1.000				-.1324		-.1446		-.1558		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(5) = 1.831 BETAO (3) = 1.934

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2380	.2980	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0315	-.0815	-.0340	.2229	.6250	.5942	.5861	.5994	.0142	
.010		-.0835	-.0450	.1878	.4075	.4708	.4760	.4157		
.020		-.0875	-.0487	.1279	.3178	.3750	.3867	.3818	.0308	
.040			-.0484	.0438						
.041	-.0577									
.050		-.0788			.1593	.2107	.2286	.2435		
.069									.0000	
.080					.0498					
.081				-.0317						
.086			-.0250							
.094		-.0809								
.113	-.0644									
.150					-.0989	-.0295	.0002	.0594		
.157									-.0760	
.163			-.0267							
.177				-.1251						
.229		-.0910								
.246			-.1044							
.247	-.0825									
.250					-.1635	-.1231	-.0909	-.0510		
.274				-.1541						
.345									-.1155	
.362		-.0785								
.390			-.1405							
.400					-.2087	-.1917		-.1513		
.402				-.1814						
.418										-.0428
.429	-.0959									
.497		-.1102								
.503									-.1381	
.547	-.0898									
.550					-.2123	-.2194				
.585				-.1811						
.600								-.1981		
.637			-.1960							
.638	-.1117									
.650							-.2098			
.670									-.1456	
.700		-.1287				-.2287				
.725					-.1787					
.727	-.1117									
.730										-.0917
.750							-.1948	-.1904		
.760				-.1151						
.775					-.1930	-.2047				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(5) = 1.631 BETAO (3) = 1.934

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0023									
.798			-.1075							
.808				-.1681						
.834		-.0516								
.839			-.1535							
.850					-.1909	-.2207	-.1866			
.857				-.1751						
.862									-.1364	
.865		-.1291								
.879			-.1505							
.900		-.1230			-.1807			-.1681		
.905				-.1391						
.919			-.1465							
.950					-.1642	-.2030	-.1741			
.953				-.1597						
.955			-.1395							
.965		-.1139								
1.000				-.1621		-.1480		-.1550		

ALPHAO(5) = 1.943 BETAO (4) = 8.065

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0790	-.1149	-.1038	.1002	.4701	.4520	.4569	.4946	-.0228	
.010		-.1132	-.1093	.0572	.2[illegible]28	.3489	.3520	.3275		
.020		-.1146	-.1060	.0[illegible]93	.1984	.2689	.2780	.2965	-.0150	
.040			-.1033	-.0294						
.041	-.0763									
.050		-.1089			.0749	.1328	.1475	.1737		
.069									.0000	
.080					-.0135					
.081				-.0741						
.088			-.0858							
.094		-.1155								
.113	-.0773									
.150					-.1135	-.0812	-.0[illegible]2	.0155		
.157									-.1066	
.163			-.0628							
.177				-.1088						
.229		-.1298								
.246			-.0889							
.247	-.1115									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHA0(5) = 1.943 BETA0 (4) = 6.065

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1569	-.1368	-.1089	-.0788		
.274				-.1244						
.345									-.1371	
.362		-.0719								
.390			-.1223							
.400					-.1829	-.1938		-.1683		
.402				-.1668						
.418										-.0832
.429	-.1068									
.497		-.1080								
.503									-.1512	
.547	-.0788									
.550					-.1947	-.2100				
.565				-.1711						
.600								-.2081		
.637			-.1521							
.638	-.1173									
.650							-.2074			
.670									-.1482	
.700		-.1300				-.2078				
.725					-.1584					
.727	-.1178									
.730										-.0980
.750							-.1879	-.1959		
.760				-.1041						
.775					-.1829	-.2286				
.793	-.0330									
.798			-.0892							
.808				-.1518						
.834		-.0473								
.839			-.1347							
.850					-.1763	-.2023	-.1750			
.857				-.1551						
.862									-.1347	
.865		-.1242								
.879			-.1370							
.900		-.1209			-.1680			-.1730		
.905				-.1259						
.918			-.1387							
.950					-.1594	-.1840	-.1805			
.953				-.1438						
.955			-.1377							
.965		-.1178								
1.000				-.1738		-.1848		-.1550		

ARC97-018 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHA0(6) = 4.018 BETA0 (1) = -8.417

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0491	.0351	.0855	.4478	.9331	.9110	.9167	.9033	.1992	
.010		.0207	.0722	.3963	.8282	.7091	.7072	.5975		
.020		.0107	.0709	.3000	.5131	.5738	.5825	.5472	.1696	
.040			.0725	.1814						
.041	-.0119									
.050		.0341			.3069	.3600	.3701	.3690		
.069									.0000	
.080					.1577					
.081				.0735						
.086			.0915							
.094		.0344								
.113	-.0333									
.150					-.0301	.0477	.0757	.1408		
.157									.0085	
.163			.0795							
.177				-.0620						
.229		.0150								
.246			-.0389							
.247	.0001									
.250					-.1254	-.0731	-.0360	.0050		
.274				-.1203						
.345									-.0512	
.362		.0086								
.390			-.1262							
.400					.1893	-.1634		-.1218		
.402				-.1908						
.418										.0781
.429	.0074									
.497		-.0808								
.503									-.0909	
.547	-.0138									
.550					-.2129	-.1984				
.565				-.2034						
.600								-.1722		
.637			-.1650							
.638	-.0903									
.650							-.1901			
.670									-.1248	
.700		-.1269				-.2113				
.725					-.2201					
.727	-.1003									
.730										-.0284
.750							-.1740	-.1535		
.760				-.1640						
.775					-.2323	-.2146				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(8) = 4.018 BETAO (1) = -8.417

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.783	-.0873									
.798			-.1388							
.808				-.1978						
.834		-.1069								
.838			-.1787							
.850					-.1782	-.2238	-.1599			
.857				-.2001						
.862									-.1258	
.865		-.1567								
.879			-.1840							
.900		-.1437			-.1713			-.1159		
.905				-.1499						
.919			-.1780							
.950					-.1628	-.2309	-.1435			
.953				-.1802						
.955			-.1584							
.965		-.0908								
1.000				-.1117		-.1688		-.1352		

ALPHAO(8) = 4.022 BETAO (2) = -4.381

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0255	-.0306	.0383	.3937	.8824	.8525	.8500	.8299	.1631	
.010		-.0339	.0237	.3398	.5893	.6577	.6528	.5479		
.020		-.0389	.0241	.2513	.4759	.5328	.5329	.5002	.1343	
.040			.0281	.1404						
.041	-.0428									
.050		-.0142			.2717	.3272	.3336	.3308		
.069									.0000	
.080					.1290					
.081				.0410						
.088			.0548							
.094		.0005								
.113	-.0468									
.150					-.0488	.0261	.0518	.1150		
.157									-.0185	
.183			.0427							
.177				-.0842						
.229		-.0198								
.246			-.0675							
.247	-.0488									

ARC97-019 !A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(8) = 4.022 BETAO (2) = -4.381

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1370	-.0891	-.0549	-.0143		
.274				-.1369						
.345									-.0733	
.362		-.0266								
.390			-.1458							
.400					-.1979	-.1745		-.1326		
.402				-.2025						
.418										.0447
.429	-.0239									
.497		-.1067								
.503									-.1069	
.547	-.0418									
.550					-.2212	-.2077				
.565				-.2147						
.600								-.1822		
.637			-.1784							
.638	-.1120									
.650							-.2002			
.670									-.1347	
.700		-.1392				-.2202				
.725					-.2284					
.727	-.1130									
.730										-.0518
.750							-.1805	-.1695		
.760				-.1743						
.775					-.2382	-.2229				
.793	-.1040									
.798			-.1472							
.808				-.2051						
.834		-.1201								
.839			-.1858							
.850					-.1911	-.2318	-.1769			
.857				-.2091						
.882									-.1384	
.865		-.1257								
.878			-.1913							
.900		-.1509			-.1838			-.1393		
.905				-.1583						
.919			-.1840							
.950					-.1747	-.2328	-.1586			
.953				-.1748						
.955			-.1654							
.965		-.0813								
1.000				-.1341		-.1730		-.1401		

ARC87-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHA0(6) = 4.025 BETA0 (3) = -.188

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2800	.3040	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0193	-.0711	-.0208	.2984	.7371	.6916	.6981	.8977	.0898	
.010		-.0604	-.0318	.2382	.4691	.5231	.5290	.4422		
.020		-.0844	-.0271	.1630	.3669	.4118	.4242	.3999	.0832	
.040			-.0222	.0647						
.041	-.0737									
.050		-.0751			.1890	.2334	.2457	.2478		
.069									.0000	
.080					.0666					
.081				-.0194						
.086			.0044							
.094		-.0579								
.113	-.0824									
.150					-.0907	-.0226	-.0020	.0556		
.157									-.0618	
.183			-.0189							
.177				-.1267						
.229		-.0760								
.246			-.1094							
.247	-.0858									
.250					-.1681	-.1208	-.0939	-.0580		
.274				-.1874						
.345									-.1083	
.362		-.0713								
.390			-.1691							
.400					-.2186	-.1939		-.1591		
.402				-.2194						
.418										-.0151
.429	-.0777									
.497		-.1275								
.503									-.1341	
.547	-.0717									
.550					-.2372	-.2023				
.585				-.2124						
.600								-.2044		
.637			-.1771							
.638	-.1286									
.650							-.2147			
.670									-.1548	
.700		-.1448				-.2332				
.725					-.2281					
.727	-.1248									
.738										-.0870
.750							-.2045	-.1888		
.760				-.1808						
.775					-.2090	-.2358				

ARC87-019 IA81 LVAP(ALLHL SEALED) LEFT WIND TOP (RETU37)

ALPHA0(6) = 4.025 BETA0 (3) = -.188

SECTION (1)LEFT WIND TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CH										
.793	-.0741									
.798			-.1283							
.808				-.1819						
.834		-.0863								
.839			-.1728							
.850					-.2172	-.2435	-.1966			
.857				-.1939						
.862									-.1479	
.865		-.1342								
.879			-.1741							
.900		-.1158			-.2028			-.1722		
.905				-.1543						
.919			-.1568							
.950					-.1805	-.2488	-.1832			
.953				-.1792						
.955			-.1376							
.965		-.1078								
1.000				-.1683		-.1780		-.1539		

ALPHA0(6) = 4.034 BETA0 (4) = 3.991

SECTION (1)LEFT WIND TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CH										
.000	-.0759	-.1189	-.0688	.1914	.5751	.5879	.5855	.5832	.0430	
.010		-.1203	-.0778	.1329	.3363	.4152	.4170	.3565		
.020		-.1206	-.0765	.0736	.2459	.3142	.3276	.3203	.0108	
.040			-.0735	-.0051						
.041	-.0923									
.050		-.1118			.1089	.1532	.1784	.1941		
.089									.0000	
.080					-.0033					
.081				-.0738						
.086			-.0870							
.094		-.1108								
.113	-.0819									
.130					-.1293	-.0718	-.0415	.0131		
.157									-.0878	
.183			-.0882							
.177				-.1948						
.229		-.1190								
.246			-.1328							
.257	-.1126									

ARC97-019 (AB) LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHA0(6) = 4.034 BETA0 (4) = 3.991

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

X/CW	Y/BW .2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
.250					-.1892	-.1543	-.1214	-.0860		
.274				-.1745						
.345									-.1356	
.362		-.0982								
.390			-.1527							
.400					-.2239	-.2131		-.1763		
.402				-.1956						
.418										-.0815
.429	-.1173									
.497		-.1243								
.503									-.1543	
.547	-.0859									
.550					-.2272	-.2349				
.565				-.1948						
.600								-.2185		
.637			-.1689							
.638	-.1296									
.650							-.2243			
.670									-.1708	
.700		-.1407				-.2402				
.725					-.1889					
.727	-.1258									
.730										-.1349
.750							-.2151	-.2095		
.760				-.1335						
.775					-.1987	-.2402				
.793	-.0132									
.798			-.1262							
.808				-.1804						
.834		-.0818								
[illegible]			-.1840							
[illegible]					-.2008	-.2278	-.2050			
[illegible]				-.1874						
.862									-.1844	
.865		-.1340								
.879			-.1557							
.900		-.1257			-.1987			-.1941		
.905				-.1495						
.919			-.1484							
.950					-.1885	-.2075	-.1912			
.953				-.1887						
.955			-.1408							
.985		-.1230								
1.000				-.1808		-.1575		-.1513		

ARC87-019 TA01 LVAP(ALLML SEALED) LEFT WING TOP (RETU37)

ALPHA0(6) = 4.038 BETA0 (5) = 6.064

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	7800	.8870	.9720	1.0000
X/CW										
.000	-.0921	-.1338	.1197	.1112	.4985	.4931	.5257	.5371	.0251	
.010		-.1344	-.1197	.0457	.2609	.3453	.3732	.3128		
.020		-.1348	-.1131	.0038	.1804	.2588	.2823	.2763	-.0090	
.040			-.1071	-.0530						
.041	-.0944									
.050		-.1261			.0500	. 125	.1366	.1482		
.069									.0000	
.080					-.0349					
.081				-.1026						
.086			-.0993							
.094		-.1317								
.113	-.0854									
.150					-.1454	-.0873	-.0583	-.0086		
.157									-.1498	
.163			-.0863							
.177				-.1488						
.229		-.1344								
.246			-.1128							
.247	-.1271									
.250					-.1876	-.1613	-.1325	-.0999		
.274				-.1501						
.345									-.1429	
.362		-.0879								
.390			-.1409							
.400					.2088	-.2095		-.1845		
.402				-.1871						
.418										-.0821
.429	-.1181									
.497		-.1203								
.503									-.1587	
.547	-.0851									
.550					-.2118	-.2280				
.565				-.1822						
.600								-.2216		
.622			-.1624							
.628	-.1271									
.656							.214			
.670									-.1774	
.690		-.1391				-.2346				
.765					-.1853					
.767	-.1244									
.779										-.1779
.8							-.2077	-.2146		
.80				-.1227						
.8					-.1931	-.2401				

ARC97-019 !A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(6) = 4.038 BETAO (6) = 6.064

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7000	.8870	.9720	1.0000
X/CW										
.793	-.0318									
.798			.1088							
.808				-.1670						
.834		-.0818								
.839			-.1508							
.850					-.1912	-.2135	-.1875			
.857				-.1713						
.862									-.1684	
.865		-.1370								
.879			-.1478							
.900		-.1277			-.1883			-.1922		
.905				-.1403						
.919			-.1475							
.950					-.178	-.1894	-.1822			
.953				-.1575						
.955			-..442							
.965		-.1290								
1.000				-.1849		-.1655		-.1640		

ALPHAO(7) = 6.134 BETAO (1) = -4.334

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7000	.8870	.9720	1.0000
X/CW										
.000	.0025	.0145	.0484	.4069	.9055	.8758	.8548	.8366	.1958	
.010		-.0121	.0275	3314	.5641	.6385	.6220	.4931		
.020		-.0141	.0262	.2397	.4498	.5035	.4988	.4420	.1153	
.040			.0312	1228						
.041	-.0591									
.050		-.0085			.2479	.2960	. 961	.2774		
.069									.0000	
.080					.1081					
.081				.0239						
.086			.0524							
.094		-.0182								
.113	-.0778									
.150					-.0716	.0036	.0197	.0757		
.157									-.0336	
.163			.0312							
.177				-.1008						
.229		-.0229								
.246			-.0785							
.247	-.0411									

ARC87-01B IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(7) = 6.134 BETAO (1) = -4.334

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1538	-.1082	-.0770	-.0429		
.274				-.1512						
.345									-.0860	
.362		-.0279								
.390			-.1560							
.400					-.2120	-.1866		-.1501		
.402				-.2135						
.418										.0105
.429	-.0255									
.497		-.1058								
.503									-.1242	
.547	-.0405									
.550					-.2340	-.2180				
.565				-.2217						
.600								-.1940		
.637			-.1842							
.636	-.1144									
.650							-.2108			
.670									-.1631	
.700		-.1469				-.2286				
.725					-.2402					
.727	-.1178									
730										-.1237
.750							-.1970	-.1819		
.760				-.1896						
.775					-.2533	-.2349				
.793	-.1141									
.798			-.1510							
.808				-.2178						
.834		-.1332								
.839			-.1971							
.850					-.2172	-.2458	-.1879			
.857				-.2227						
.862									-.1655	
.855		-.1750								
.879			-.2027							
.900		-.1646			-.2038			-.1468		
.905				-.1723						
.910			-.1997							
.950					-.1910	-.2600	-.1721			
.953				-.2084						
.955			-.1895							
.965		-.1231								
1.000				-.1555		-.1931		-.1339		

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(7) = 8.130 BETAO (2) = -2.240

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0088	-.0323	.0223	.3700	.8332	.7986	.8078	.7900	.1565	
.010		-.0513	.0018	.2899	.5077	.5794	.5701	.4592		
.020		-.0519	.0005	.2002	.3973	.4547	.4529	.4105	.0847	
.040			.0048	.0904						
.041	-.0733									
.050		-.0236			.2090	.2576	.2614	.2494		
.069									.0000	
.080					.0783					
.081				-.0036						
.086			.0243							
.094		-.0295								
.113	-.0956									
.150					-.0864	-.0163	.0048	.0536		
.157									-.0508	
.163			.0081							
.177				-.1165						
.229		-.0523								
.246			-.0953							
.247	-.0856									
.250					-.1657	-.1185	-.0932	-.0582		
.274				-.1635						
.345									-.1001	
.362		-.0525								
.390			-.1715							
.400					-.2195	-.1942		-.1606		
.402				-.2217						
.418										-.0151
.429	-.0533									
.497		-.1236								
.503									-.1329	
.547	-.0603									
.550					-.2395	-.2238				
.565				-.2274						
.600								-.2024		
.637			-.1914							
.638	-.1269									
.650							-.2157			
.670									-.1878	
.700		-.1554				-.2342				
.725					-.2448					
.727	-.1273									
.730										-.1458
.750							-.2058	-.1924		
.760				-.2002						
.775					-.2543	-.2372				

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(7) = 6.130 BETAO (2) = -2.240

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1226									
.798			-.1676							
.808				-.2247						
.834		-.1407								
.839			-.2014							
.850					-.2261	-.2514	-.1954			
.857				-.2290						
.862									-.1685	
.865		-.1802								
.879			-.2057							
.900		-.1651			-.2103			-.1556		
.905				-.1743						
.919			-.2004							
.950					-.1936	-.2610	-.1853			
.953				-.2150						
.955			-.1858							
.965		-.1236								
1.000				-.1670		-.1925		-.1450		

ALPHAO(7) = 6.130 BETAO (3) = -.154

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0366	-.0603	-.0161	.3177	.7623	.7231	.7333	.7251	.1273	
.010		-.0786	-.0340	.2346	.6107	.5140	.5092	.4115		
.020		-.0799	-.0333	.1555	.4482	.3961	.3990	.3665	.0569	
.040			-.0280	.0569						
.041	-.0933									
.050		-.0633			.1707	.2141	.2207	.2125		
.069									.0000	
.080					.0492					
.081				-.0308						
.086			-.0019							
.094		-.0540								
.113	-.1083									
.150					-.1086	-.0393	-.0201	.0275		
.157									-.0705	
.163			-.0247							
.177				-.1350						
.229		-.0754								
.246			-.1162							
.247	-.0959									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHA0(7) = 8.130 BETA0 (3) = -.154

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7860	.8870	.9720	1.0000
X/CW										
.250					-.1774	-.1353	-.1056	-.0775		
.274				-.1780						
.345									-.1172	
.362		-.0754								
.390			- 1831							
.400					-.2275	-.2048		-.1727		
.402				-.2293						
.418										-.0464
.429	-.0746									
.497		-.1363								
.503									-.1470	
.547	-.0793									
.550					-.2458	-.2316				
.565				-.2287						
.600								-.2111		
.637			-.1934							
.638	-.1386									
.650							-.2223			
.670									-.1775	
.700		-.1594				-.2425				
.725					-.2442					
.727	-.1368									
.730										-.1667
.750							-.2151	-.2058		
.760				-.2048						
.775					-.2481	-.2504				
.793	-.1253									
.798			-.1872							
.808				-.2264						
.834		-.1400								
.839			-.1987							
.850					-.2402	-.2564	-.2084			
.857				-.2254						
.862									-.1735	
.865		-.1745								
.879			-.2004							
.900		-.1504			-.2242			-.1790		
.905				-.1684						
.919			-.1904							
.950					-.1921	-.2673	-.1938			
.953				-.2028						
.955			-.1715							
.965		-.1198								
1.000				-.1808		-.1944		-.1386		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(7) = 8.134 BETAO (4) = 1.951

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/Ch										
.000	-.0568	-.1071	-.0379	.2695	.6869	.6628	.6713	.6760	.1016	
.010		-.1164	-.0544	.1922	.3954	.4671	.4591	.3722		
.020		-.1208	-.0531	.1198	.2943	.3559	.3597	.3291	.0328	
.040			-.0495	.0242						
.041	-.1028									
.050		-.0994			.1308	.1784	1895	.1831		
.069									.0000	
.080					.0195					
.081				-.0565						
.088			-.0279							
.094		-.0814								
.113	-.1088									
.150					-.1228	-.0605	-.0377	.0080		
.157									-.0853	
.163			-.0485							
.177				-.1543						
.229		-.1004								
.246			-.1359							
.247	-.1111									
.250					-.1892	-.1487	-.1215	-.0916		
.274				-.1917						
.345									-.1285	
.362		-.0987								
.390			-.1895							
.400					- 2334	-.2115		-.1802		
.402				-.2343						
.418										-.0731
.429	-.1001									
.497		-.1422								
.503									-.1563	
.547	-.0891									
.550					2504	-.2369				
.565				-.2244						
.600								-.2162		
.637			-.1899							
.638	-.1384									
.650							-.2263			
.670									-.1834	
.700		-.1579				-.2485				
.725					-.2501					
.727	-.1414									
.730										-.1853
.750							-.2204	-.2108		
.760				-.1791						
.775					-.2370	-.2558				

ARC97-019 !A81 LVAP(ALLML SEALED) LEFT WING TOP (RETU37)

ALPHAO(7) = 6.134 BETAO (4) = 1.951

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1081									
.798			-.1505							
.808				-.2049						
.834		-.1141								
.839			-.1889							
.850					-.2360	-.2581	-.2106			
.857				-.2026						
.862									-.1797	
.865		-.1522								
.879			-.1859							
.900		-.1305			-.2295			-.1885		
.905				-.1582						
.919			-.1667							
.950					-.2180	-.2564	-.2001			
.953				-.1863						
.956			-.1445							
.965		-.1225								
1.000				-.1883		-.1873		-.1325		

ALPHAO(7) = 6.135 BETAO (5) = 3.936

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.8730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0889	-.1323	-.0750	.2415	.6048	.6108	.6274	.6286	.0739	
.010		-.1389	-.0876	.1541	.3237	.4157	.4105	.3372		
.020		-.1399	-.0829	.0863	.2282	.3090	.3143	.2917	.0071	
.040			-.0776	-.0047						
.041	-.1183									
.050		-.1283			.0810	.1435	.1544	.1529		
.069									.0000	
.080					-.0181					
.081				-.0805						
.088			-.0521							
.094		-.1178								
.113	-.1113									
.150					-.1400	-.0818	-.0588	-.0111		
.157									-.1038	
.163			-.0798							
.177				-.1728						
.229		-.1243								
.248			-.1553							
.247	-.1273									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU37)

ALPHAO(7) = 8.135 BETAO (5) = 3.998

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2006	-.1645	-.1359	-.1061		
.274				-.2082						
.345									-.1439	
.362		-.1156								
.330			-.1805							
.400					-.2406	-.2227		-.1891		
.402				-.2304						
.418										-.1053
.429	-.1233									
.497		-.1424								
.503									-.1694	
.547	-.0963									
.550					-.2521	-.2452				
.565				-.2132						
.600								-.2246		
.637			-.1884							
.638	-.1399									
.650							-.2332			
.670									-.1926	
.700		-.1574				-.2535				
.725					-.2052					
.727	-.1419									
.730										.2140
.750							-.2267	-.2182		
.760				-.1500						
.775					-.2249	-.2558				
.793	-.0149									
.798			-.1499							
.808				-.1904						
.834		-.0694								
.839			-.1815							
.850					-.2259	-.2369	-.2194			
.857				-.2026						
.862									-.1870	
.865		-.1394								
.879			-.1735							
.901		-.1307			-.2229			-.1985		
.909				-.1816						
.919			-.1579							
.950					-.2160	-.2141	-.2086			
.953				-.1878						
.965			-.1440							
.985		-.1310								
1.000				-.1958		-.1674		-.1540		

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38) (12 OCT 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.500 RN/FT = 2.500
ELV-IB = 8.000 ELV-OB = -4.000
RUDDER = .000 SPOBRK = .000

ALPHAO(1) = -6.289 BETAO (1) = -3.981

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.1431	.0833	.0374	.4407	.8691	.7871	.7833	.7910	-.0135	
.010		.0929	.0519	.4252	.6903	.7551	.7830	.7170		
.020		.0890	.0600	.3609	.5991	.6625	.6939	.6854	.1460	
.040			.0618	.2660						
.041	.1143									
.050		.0893			.4082	.4924	.5126	.5193		
.063									.0000	
.080					.2692					
.081				.1728						
.086			.1052							
.094		.0662								
.113	.1011									
.150					.0832	.1710	.2071	.2929		
.157									.0491	
.163			.1578							
.177				.0549						
.229		.0355								
246			.0635							
.247	.0716									
.250					-.0046	.0388	.0836	.1407		
.274				.0030						
.345									.0062	
.362		.0459								
.390			-.0212							
.400					-.0778	-.0645		-.0082		
.402				-.0765						
.418										-.0841
.429	.0210									
.497		-.0153								
.503									-.0120	
.547	.0199									
.550					-.1077	-.1012				
.565				-.1012						
.600								-.0779		
.637			-.0783							
.838	-.0235									
.850							-.0978			
.670									-.0042	

ARC97-019 IA81 LVAR(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(1) = -6.288 BETAO (1) = -3.981

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.0407				-.1146				
.725					-.1168					
.727	-.0249									
.730										-.1377
.750							-.0644	-.0597		
.760				-.0578						
.775					-.1427	-.1506				
.793	.0292									
.798			-.0025							
.808				-.0962						
.834		.0437								
.839			-.0562							
.850					-.1511	-.1266	-.0542			
.857				-.0846						
.862									.0080	
.865		-.0389								
.879			-.0551							
.900		-.0160			-.1322			-.0289		
.905				-.0481						
.919			-.0456							
.950					-.0528	-.1336	-.0319			
.953				-.0619						
.955			-.0343							
.965		-.0035								
1.000				-.0598		-.0700		-.1354		

ALPHAO(1) = -6.280 BETAO (2) = -1.861

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.009	.1172	.0636	-.0024	.3694	.727	[illegible]	.6865	.7026	- 0480	
.010		.0714	.0152	.3701	.6322	.0244	.6[illegible]	.6436		
.020		.0668	.[illegible]62	.3186	.5496	.[illegible]96	.6130	.6[illegible]07	.102[illegible]	
.040			.0290	.2351						
.041	.0874									
.050		.0881			.3579	.[illegible]213	.[illegible]	.[illegible]		
.089									.0000	
.080					.2[illegible]48					
.081				.1537						
.086			0798							
.0[illegible]		.0[illegible]62								
.113	.0814									

ARC97-019 !AB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(1) = -6.280 BETAO (2) = -1.881

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.150					.0648	.1287	.1687	.2620		
.157									.0184	
.163			.1352							
.177				.0406						
.229		.0179								
.246			.0452							
.247	.0505									
.250					-.0183	.0126	.0559	.1178		
.274				-.0088						
.345									-.0205	
.362		.0340								
.390			-.0324							
.400					-.0871	-.0744		-.0235		
.402				-.0828						
.418										-.1076
.429	.0090									
.497		-.0227								
.503									-.0373	
.547	.0090									
.550					-.1147	-.1057				
.565				-.1046						
.600								-.0912		
.637			-.0822							
.638	-.0333									
.650							-.1057			
.670									-.0289	
.700		-.0448				-.1149				
.725					-.1190					
.727	-.0322									
.730										-.1547
.750							-.0725	-.0782		
.760				-.0655						
.775					-.1429	-.1504				
.793	.0207									
.798			-.0105							
.808				-.1008						
.834		.0432								
.839			-.0628							
.850					-.1513	-.1360	-.0810			
.857				-.0909						
.862									-.0134	
.865		-.0418								
.879			-.0677							
.900		-.0316			-.1300			-.0474		
.905				-.0583						

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(1) = -6.280 BETAO (2) = -1.881

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.919			-.0610							
.950					-.0836	-.1423	-.0376			
.953				-.0745						
.955			-.0529							
.965		-.0338								
1.000				-.0809		-.0854		-.1180		

ALPHAO(1) = -6.268 BETAO (3) = .215

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0843	.0553	-.0233	.2964	.6966	.5846	.6091	.6219	-.0773	
.010		.0560	-.0084	.3098	.5733	.5720	.6293	.5840		
.020		.0489	.0025	.2696	.4967	.4946	.5621	.5592	.0651	
.040			.0095	.1968						
.041	.0574									
.050		.0460			.3368	.3449	.4047	.4267		
.069									.0000	
.080					.2158					
.081				.1246						
.086			.0702							
.094		.0301								
.113	.0667									
.150					.0581	.1090	.1399	.2313		
.157									-.0038	
.163			.1140							
.177				.0341						
.229		.0048								
.246			.0364							
.247	.0358									
.250					-.0248	.0084	.1357	.0915		
.274				-.0050						
.345									-.0383	
.352		.0269								
.390			-.0388							
.400					-.0889	-.0735		-.0374		
.402				-.0060						
.418										-.0273
.429	.0042									
.447		-.0030								
.503									-.0502	
.547	.0014									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(1) = -8.268 BETAO (3) = .215

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.1147	-.1044				
.565				-.1047						
.600								-.0990		
.637			-.0878							
.638	-.0373									
.650							-.1020			
.670									-.0391	
.700		-.0543				-.1121				
.725					-.1168					
.727	-.0419									
.730										- 1679
.750							-.0682	-.0826		
.760				-.0438						
.775					-.1405	-.1494				
.793	.0248									
.798			-.0014							
.808				-.0867						
.834		.0603								
.839			-.0568							
.850					-.1419	-.1424	-.0574			
.857				-.0871						
.862									-.0249	
.865		-.0326								
.879			-.0610							
.900		-.0233			-.1123			-.0503		
.905				-.0581						
.919			-.0518							
.950					-.0844	-.1438	-.0323			
.953				-.0694						
.955			-.0405							
.965		-.0273								
1.000				-.0947		-.0912		-.1048		

ALPHAO(1) = -8.258 BETAO (4) = 2.322

SECTION : 1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0563	.0328	.0099	.2418	.6004	.5198	.4758	.5684	-.0992	
.010		.0315	.0078	.2574	.4981	.5181	.4894	.5365		
.020		.0248	.0131	.2261	.4299	.4549	.4371	.5117	.0308	
040			.0184	.1656						
.041	.0390									

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAG(1) = -8.259 BETAO (4) = 2.322

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.9870	.9720	1.0000
X/C										
.050		.0230			.2883	.3235	.3218	.3766		
.059									.0000	
.000					.1814					
.081				.1008						
.086			.0596							
.094		.0135								
.113	.0500									
.150					.0434	.0983	.1259	.1809		
.157									-.0274	
.163			.0997							
.177				.0220						
.229		-.0129								
.246			.0332							
.247	.0163									
.250					-.0211	.0023	.0377	.0657		
.274				-.0132						
.345									-.0570	
.362		.0205								
.390			-.0443							
.400					-.0831	-.0767		-.0436		
.402				-.0865						
.418										-.1428
.429	-.0039									
.497		- 0293								
.503									-.0688	
.547	.0039									
.550					-.1172	-.1055				
.565				-.0988						
.600								-.0966		
.637			-.0806							
.638	-.0458									
.650							-.1006			
670									-.0510	
.700		- 0249				- .1				
.725					-.1127					
727	-.0481									
730										.0736
750							-.0672	- 0784		
760				-.0435						
.775					-.1371	-.1540				
793	.0113									
798			- 0017							
.800				- 0875						
954		.0507								
819			- 0531							

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ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(1) = -6.259 BETAO (4) = 2.322

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.650					-.1413	-.1519	-.0557			
.857				-.0854						
.862									-.0298	
.865		-.0339								
.879			-.0560							
.900		-.0246			-.1127			-.0489		
.905				-.0533						
.919			-.0481							
.950					-.0855	-.1424	-.0302			
.953				-.0603						
.955			-.0376							
.965		-.0325								
1.000				-.1061		-.0937		-.0945		

ALPHAO(1) = -6.250 BETAO (5) = 4.369

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0458	.0168	-.0033	.1864	.5375	.4855	.4080	.4199	-.1180	
.010		.0125	-.0029	.1938	.4439	.4809	.4594	.4170		
.020		.0086	.0010	.1709	.3839	.4214	.4136	.4007	-.0054	
.040			.0041	.1303						
.041	.0270									
.050		.0118			.2572	.2969	.3068	.3087		
.069									.0000	
.080					.1650					
.081				.0785						
.086			.0337							
.094		-.0067								
.113	.0352									
.150					.0408	.0896	.1121	.1619		
.157									-.0497	
.163			.0757							
.177				.0190						
.229		-.0280								
.246			.0203							
.247	-.0013									
.250					-.0237	-.0030	.0262	.0600		
.274				-.0120						
.345									-.0719	
.362		.0253								
.390			-.0347							

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(1) = -8.250 BETAO (5) = 4.369

SECTION (1:LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.400					-.0809	-.0786		-.0469		
.402				-.0779						
.418										-.1593
.429	-.0155									
.497		-.0213								
.503									-.0804	
.547	.0104									
.550					-.1092	-.1043				
.565				-.0902						
.600								-.1010		
.637			-.0780							
.638	-.0371									
.650							-.1068			
.670									-.0604	
.700		-.0519				-.1121				
.725					-.1001					
.727	-.0417									
.730										-.1899
.750							-.0733	-.0832		
.760				-.0416						
.775					-.1008	-.1536				
.793	.0019									
.798			.0062							
.808				-.0786						
.834		.0716								
.839			-.0389							
.850					-.1367	-.1494	-.0572			
.857				-.0730						
.862									-.0401	
.865		-.0259								
.879			-.0389							
.900		-.0184			.1043			-.0518		
.905				-.0448						
.919			-.0385							
.950					-.0795	-.1364	-.0296			
.953				-.0519						
.955			-.0343							
.965		-.0348								
.980				-.1284		-.1018		-.1133		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHA0(2) = -4.232 BETA0 (1) = -6.049

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.1847	.0913	.0808	.4788	.9288	.8907	.8717	.8589	.0489	
.010		.0995	.0739	.4700	.7379	.8193	.8215	.7419		
.020		.0917	.0795	.3942	.6358	.7091	.7194	.7082	.1798	
.040			.0813	.2842						
.041	.1094									
.050		.0902			.4312	.5027	.5201	.5415		
.069									.0000	
.080					.2793					
.081				.1799						
.086			.1173							
.094		.0732								
.113	.0782									
.150					.0773	.1705	.2081	.3009		
.157									.0623	
.163			.1420							
.177				.0368						
.229		.0418								
.246			.0397							
.247	.0764									
.250					-.0236	.0351	.0821	.1423		
.274				-.0214						
.345									.0141	
.362		.0361								
.390			-.0468							
.400					-.1004	-.0696		-.0155		
.402				-.1007						
.418										-.0122
.429	.0190									
.497		-.0276								
.503									-.0102	
.547	.0073									
.550					-.1283	-.1079				
.565				-.1261						
.600								-.0854		
.637			-.0988							
.638	-.0321									
.650							-.1008			
.670									-.0123	
.700		-.0518				-.1227				
.725					-.1325					
.727	-.0352									
.730										-.0738
.750							-.0708	-.0686		
.760				-.0880						
.775					-.1565	-.1617				

ARC97-019 !A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(2) = -4.232 BETAO (1) = -6.049

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0076									
.798			-.0398							
.808				-.1201						
.834		.0144								
.839			-.0874							
.850					-.1586	-.1350	-.0656			
.857				-..145						
.862									.0005	
.865		-.0561								
.879			-.0860							
.900		-.0322			-.0909			-.0383		
.905				-.0676						
.919			-.0712							
.950					-.0672	-.1417	-.0474			
.953				-.0774						
.955			-.0525							
.965		-.0020								
1.000				-.0411		-.0834		-.1341		

ALPHAO(2) = -4.224 BETAO (2) = -3.999

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.1312	.0596	0199	.4104	.[illegible]	9014	.8028	.7977	.0139	
.010		.0652	.0354	.[illegible]	.[illegible]	.7364	.7635	.8816		
.020		.0603	.0421	.3[illegible]	.5739	.5337	.6694	.8473	.1439	
.040			.0456	.2399						
.041	.0869									
.050		.0624			.3835	.4467	.4794	.4977		
.069									.0000	
.080					.2394					
.081				.1383						
.086			.0805							
.094		.0465								
.113	.0670									
.150					.0510	.1449	.[illegible]	.3602		
.5[illegible]									.0[illegible]	
.163			.[illegible]3							
.[illegible]				0153						
.224		[illegible]								
.246			.0277							
.[illegible]	.0503									

ARC97-019 TA81 CVAP(ALL HL SEALED) LEFT WING TOP (RETU38)

ALPHAO(2) = -4.224 BETAO (2) = -3.999

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

X/CW	Y/BW .2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
.250					-.0379	.0203	.0599	.1159		
.274				-.0269						
.345									-.0021	
.362		.0151								
.390			-.0522							
.400					-.1018	-.0790		-.0270		
.402				-.0993						
.418										-.0396
.429	-.0039									
.497		-.0408								
.503									-.0232	
.547	-.0096									
.550					-.1272	-.1172				
.565				-.1242						
.600								-.0917		
.637			-.0987							
.638	-.0469									
650							-.1081			
.670									-.0217	
.700		-.0825				-.1313				
.725					-.1300					
.727	-.0493									
.730										-.1008
.750							-.0820	-.0743		
760				-.0820						
.775					-.1543	-.1607				
.793	-.0004									
.798			-.0343							
.808				-.1137						
.834		.0112								
.839			-.0828							
.850					-.1623	-.1379	-.0750			
.857				-.1084						
.862									-.0103	
.865		-.0614								
.879			-.0825							
.900		-.0393			-.1095			-.0462		
.905				-.0671						
.919			-.0688							
.950					-.0695	-.1488	-.0563			
.953				-.0868						
.955			-.0543							
.965		-.0201								
1.000				-.0839		-.0768		-.1386		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(2) = -4.198 BETAO (3) = .210

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0696	.0312	-.0297	.2924	.6462	.6054	.6154	.6337	-.0404	
.010		.0316	-.0196	.2813	.5418	.5706	.6023	.5587		
.020		.0256	-.0122	.2362	.4599	.4883	.5297	.5312	.0744	
.040			-.010'	.1645						
.041	.0361									
.050		.0256			.2907	.3325	.3762	.3966		
.069									.0000	
.080					.1697					
.081				.0931						
.086			.0298							
.094		.0149								
.113	.0411									
.150					.0200	.0754	.1239	.2045		
.157									-.0053	
.163			.0760							
.177				.0008						
.229		-.0137								
.246			.0056							
.247	.0185									
.250					-.0517	-.0220	.0215	.0775		
.274				-.0376						
.345									-.0401	
.362		-.0042								
.390			-.0567							
.400					-.1112	-.0936		-.0491		
.402				-.1006						
.418										-.0842
.429	-.0198									
.497		-.0515								
.503									-.0560	
.547	-.0268									
.550					-.1304	-.1219				
.565				-.1230						
600								-.1089		
.637			-.1050							
.638	-.0598									
.650							-.1[illegible]			
.670									-.0469	
.700		-.0727				-.1313				
.725					-.1327					
.727	-.0614									
.730										-.1383
.750							-.0941	-.0983		
750				-.0514						
[illegible]					-.1521	-.1523				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(2) = -4.198 BETAO (3) = .210

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0249									
.798			-.0332							
.808				-.1002						
.83		.0245								
.839			-.0784							
.850					-.1504	-.1467	-.0837			
.857				-.1027						
.862									-.0369	
.865		-.0554								
.879			-.0805							
.900		-.0462			-.1230			-.0739		
.905				-.0698						
.919			-.0731							
.950					-.0932	-.1512	-.0630			
.953				-.0926						
.955			-.0668							
.965		-.0505								
1.000				-.1014		-.0979		-.1070		

ALPHAO(2) = -4.182 BETAO (4) = 4.367

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0224	-.0132	-.0199	.1754	.5370	.4626	.4269	.5121	-.0956	
.010		-.0147	-.0230	.1709	.4044	.4539	.3891	.4323		
.020		-.0175	-.0216	.1433	.3396	.3837	.3396	.4029	.0065	
.040			-.0174	.0922						
.041	-.0027									
.050		-.0122			.2170	.2534	.2398	.2802		
.069									.0000	
.080					.1283					
.081				.0429						
.086			.0095							
.094		-.0237								
.113	.0153									
150					-.0016	.0535	.0753	.1295		
.157									-.0513	
.163			.0414							
.177				-.0219						
.229		-.0474								
.248			-.0108							
.247	-.0175									

ARC97-019 !AB! LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHA0(2) = -4.182 BETA0 (4) = 4.367

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.0516	-.0328	-.0023	.0298		
.274				-.0407						
.345									-.0807	
.362		-.0108								
.390			-.0619							
.400					-.1011	-.1008		-.0675		
.402				-.0995						
.418										-.1277
.429	-.0397									
.437		-.0485								
.503									-.0910	
.547	-.0231									
.550					-.1257	-.1243				
.565				-.1072						
.600								-.1138		
.637			-.0902							
.638	-.0580									
.650							-.1183			
.670									-.0776	
.700		-.0686				-.1268				
.725					-.1174					
.727	-.0598									
.730										-.1674
.750							-.0906	-.0986		
.760				-.0523						
.775					-.1738	-.1589				
.793	.0030									
.798			-.0178							
.809				-.0916						
.834		.0278								
.839			-.0605							
.850					-.1410	-.1533	-.0774			
.857				-.0922						
.862									-.0570	
.865		-.0524								
.879			-.0847							
.900		-.0421			-.1171			-.0728		
.905				-.0587						
.919			-.0833							
.940					-.0952	-.1460	-.0522			
.953				-.0759						
.955			-.0822							
.970		-.0545								
1.000				-.1297		-.1017		-.0953		

ARC97-018 (A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(2) = -4.175 BETAO (5) = 6.419

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0239	-.0252	-.0360	.1220	.4953	.4127	.3747	.3453	-.1212	
.010		-.0277	-.0395	.1188	.3430	.4053	.3942	.3332		
.020		-.0295	-.0385	.1027	.2773	.3482	.3472	.3183	-.0348	
.040			-.0360	.0732						
.041	-.0129									
.050		-.0270			.1750	.2335	.2405	.2331		
.059									.0000	
.080					.0956					
.081				.0314						
.086			-.0185							
.094		-.0410								
.113	-.0026									
.150					-.0094	.0460	.0845	.1095		
.157									-.0750	
.163			.0247							
.177				-.0132						
.229		- 0604								
.246			-.0052							
.247	-.0376									
.250					-.0473	-.0343	-.0130	.0208		
.274				-.0342						
.345									-.0949	
.362		-.0031								
.390			-.0490							
.400					-.0953	-.0960		-.0719		
.402				-.0879						
.418										-.1400
.429	-.0408									
.497		-.0388								
.503									-.1013	
.547	-.0143									
.550					-.1182	-.1187				
.585				-.1009						
.800								-.1198		
.837			-.0883							
.838	-.0838									
.860							-.1818			
.870									-.0831	
.700		-.0881				-.1244				
.725					-.1123					
.727	-.0587									
.730										-.1755
.750							-.0923	-.1053		
.760				-.0560						
.775					-.1394	-.1584				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(2) = -4.175 BETAO (5) = 8.419

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0235									
.798			-.0083							
.808				-.0841						
.834		.0463								
.839			-.0455							
.850					-.1384	-.1430	-.0770			
.857				-.0813						
.862									-.0632	
.865		-.0388								
.879			-.0486							
.900		-.0332			-.1075			-.0769		
.905				-.0502						
.919			-.0515							
.950					-.0863	-.1377	-.0523			
.953				-.0628						
.955			-.0546							
.965		-.0516								
1.000				-.1404		-.1323		-.1208		

ALPHAO(3) = -2.171 BETAO (1) = -6.052

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.1475	.0745	.0600	.4853	.9520	.8836	.8803	.9003	.0976	
.010		.0738	.0667	[illegible]	.7155	.7907	.7878	.7268		
.020		.0674	.0709	[illegible]	.6263	.6749	.6773	[illegible]	[illegible]	
.040			.0719	.2691						
.041	.0808									
.050		.0699			[illegible]	.4703	.4756	.5064		
.069									.0033	
.080					.2633					
[illegible]				.1599						
.095			.1084							
.094		.0544								
.113	.0515									
[illegible]					.0631	[illegible]	[illegible]	[illegible]		
[illegible]									.0586	
[illegible]			.0359							
[illegible]				.0170						
[illegible]		[illegible]								
[illegible]			[illegible]							
[illegible]	.0529									

ARC97-019 TA81 (VARIABLE SEALED) LEFT WING TOP (RETU381)

ALPHAO(3) = -2.171 BETAO (1) = -8.052

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.250					-.0371	.0201	.0641	.1158		
.274				-.0415						
.345									.0085	
.362		.0144								
.390			-.0679							
.400					-.1098	-.0799		-.0291		
.402				-.1186						
.418										.0312
.429	.0007									
.497		-.0519								
.503									-.0170	
.547	-.0148									
.550					-.1382	-.1166				
.565				-.1435						
.600								-.0939		
.637			-.1097							
.638	-.0494									
.650							-.1080			
.670									-.0231	
.700		-.0808				-.1309				
.725					-.1455					
.727	-.0522									
.730										-.0351
.750							-.0830	-.0811		
.760				-.1039						
.775					-.1652	-.1669				
.793	-.0148									
.798			-.0658							
.808				-.1322						
.834		-.0278								
.839			-.0058							
.850					-.1275	-.1449	-.0789			
.857				-.1315						
.862									-.0177	
.865		-.0841								
.879			-.1093							
.900		-.0643			-.0991			-.0507		
.905				-.0740						
.919			-.0988							
.950					-.0890	-.1459	-.0640			
.953				-.0838						
.955			-.0818							
.965		-.0186								
1.000				-.0453		-.0959		-.1284		

ARC97-019 TAB LVAP(ALUM SEALED) LEFT WING TOP (RETURN)

ALPHA(3) = -2.155 BETA(2) = -1.900

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.000	.0872	.0175	-.0200	.3535	.7612	.7251	.7379	.7381	.0304	
.010		.0164	-.0087	.3391	.5758	.6465	.6672	.5963		
.020		.0104	-.0010	.2792	.4842	.5417	.5750	.3603	.1093	
.040			.0014	.1835						
.041	.0377									
.050		.0150			.3015	.3648	.3972	.4069		
.069									.0000	
.080					.1724					
.081				.0921						
.086			.0347							
.094		.0064								
.113	.0228									
.150					.0010	.0930	.1213	.1976		
.157									.0084	
.163			.0491							
.177				-.0225						
.229		-.0209								
.246			-.0181							
.247	.0094									
.250					-.0722	-.0198	.0151	.0691		
.274				-.0653						
.345									-.0318	
.362		-.0241								
.390			-.0834							
.400					-.1054	-.1063		-.0560		
.402				-.1251						
.418										-.0175
.429	-.0377									
.447		-.0743								
.503									-.0513	
.547	-.0472									
.580					-.14	.1399				
.585				-.1428						
.600								.1148		
.647			-.1115							
.678	-.0805									
.690							-.1282			
.730									-.0[illegible]	
[illegible]		-.1[illegible]				-.1519				
[illegible]					-.1519					
[illegible]										-.0816
[illegible]							-.1[illegible]	-.[illegible]		
				-.0688						
					-.1883	-.1823				

DATE 08 OCT 75 1A81B - PRESSURE SOURCE DATA TABULATION

ARC97-019 (A6) EVAPORATED SEALED) LEFT WING TOP (RETU38)

ALPHA(I,3) = -2.155 BETA(I,3) = -1.900

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

X/CW	Y/BW .2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
.793	-.0119									
.798			-.0578							
.808				-.1245						
.834		-.0131								
.839			-.1034							
.850					-.1656	-.1609	-.1022			
.857				-.1270						
.862									-.0428	
.865		-.0795								
.879			-.1048							
.900		-.0664			-.1232			-.0783		
.905				-.0824						
.919			-.0950							
.950					-.0989	-.1651	-.0873			
.953				-.1153						
.955			-.0848							
.965		-.0625								
1.000				-.0985		-.1029		-.1288		

ALPHA(I,3) = -2.141 BETA(I,3) = 2.289

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

X/CW	Y/BW .2350	2990	.3640	.4270	.5340	.6730	.7800	.9870	.9720	1.0000
.000	.0231	-.0214	-.0627	.2418	.5401	.5598	.5644	.5969	-.0342	
.010		-.0278	-.0577	.2271	.4458	.4750	.5164	.4919		
.020		-.0253	-.0528	.1734	.3730	.3846	.4417	.4627	.0473	
.040			-.0500	.0979						
.041	-.0059									
.058		-.0137			.2187	.2352	.2977	.3309		
.069									.0000	
.080					.1115					
.081				.0329						
.086			.0198							
.094		-.0206								
.113	.0040									
.150					-.0267	.0277	.0678	.1481		
.157									-.0332	
.163			.0217							
.177				-.0461						
.229		-.0525								
.246			-.0338							
.247	-.0207									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(3) = -2.141 BETAO (3) = 2.289

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.8720	1.0000
X/CW										
.250					-.0888	-.0515	-.0240	.0308		
.274				-.0759						
.345									-.0674	
.362		-.0418								
.390			-.0894							
.400					-.1305	-.1167		-.0814		
.402				-.1244						
.418										-.0709
.429	-.0568									
.497		-.0785								
.503									-.0827	
.547	-.0568									
.550					-.1458	-.1405				
.565				-.1405						
.600								-.1343		
.637			-.1221							
.638	-.0894									
.650							-.1416			
.670									-.0816	
.700		-.0951				-.1468				
.725					-.1485					
.727	-.0851									
.730										-.1253
.750							-.1200	-.1254		
.760				-.0805						
.775					-.1831	-.1577				
.793	-.0190									
.798			-.0567							
.808				-.115						
.834		-.0128								
.839			-.0975							
.850					-.1588	-.1598	-.1082			
.857				-.1209						
.862									-.0699	
.865		-.0798								
.879			-.0999							
.900		-.0689			-.1319			-.1052		
.909				-.0810						
.919			-.0971							
.951					-.1114	-.1640	-.0834			
.953				-.1115						
.955			-.0029							
.965		-.0029								
1.000				-.1197		-.1089		-.1254		

ARC97-019 IA81 EVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(3) = -2.131 BETAO (41 = 8.395

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0103	-.0538	-.0517	.1051	.4560	.3928	.3843	.4824	-.0891	
.010		-.0556	-.0531	.0949	.3336	.3905	.3572	.3552		
.020		-.0548	-.0520	.0675	.2700	.3259	.3005	.3282	-.0169	
.040			-.0496	.0293						
.041	-.0385									
.050		-.0517			.1465	.2021	.1937	.2061		
.069									.0000	
.080					.0636					
.081				-.0072						
.086			-.0366							
.094		-.0632								
.113	-.0223									
.150					-.0399	.0152	.0309	.0736		
.157									-.0767	
.163			-.0057							
.177				-.0441						
.229		-.0806								
.246			-.0341							
.247	-.0517									
.250					-.0774	-.0612	-.0366	-.0112		
.274				-.0613						
.345									-.1030	
.362		-.0337								
.390			-.0766							
.400					-.1145	-.1195		-.0918		
.402				-.1090						
.418										-.1122
.429	-.0647									
.497		-.0678								
.503									-.1126	
.547	-.0414									
.550					-.1371	-.1387				
.565				-.1153						
.600								-.1319		
.637			-.1033							
.638	-.0718									
.650							-.1367			
.670									-.1005	
.700		-.0848				-.1418				
.725					-.1253					
.727	-.0743									
.730										-.1548
.750							-.1124	-.1198		
.760				-.0802						
.775					-.1475	-.1893				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(3) = -2.131 BETAO (4) = 8.395

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0280									
.798			-.0318							
.808				-.0928						
.834		.0125								
.839			-.0685							
.850					-.1409	-.1521	-.0985			
.857				-.0967						
.862									-.0809	
.865		-.0682								
.879			-.0762							
.900		-.0628			-.1190			-.0964		
.905				-.0640						
.919			-.0790							
.950					-.1038	-.1430	-.0738			
.953				-.0851						
.955			-.0811							
.965		-.0689								
1.000				-.1367		-.1329		-.1144		

ALPHAO(4) = -.107 BETAO (1) = -6.062

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.1300	.0592	.0939	.4718	.9485	.9032	.9057	.9117	.1343	
.010		.0468	.0879	.4354	[illegible]	.7634	.7801	.6981		
.020		.0376	.0861	.3568	.6032	.6435	.6542	.6529	.912	
.040			.0872	.2431						
.041	.0553									
.050		.0433			.39[illegible]	.4344	.4577	.4738		
.069									.0000	
.080					.2434					
.081				.1386						
.086			.1181							
.094		.0352								
.113	.0238									
.150					.0423	.1250	.1534	.2333		
.157									.0528	
.153			.1133							
[illegible]				-.0006						
.229		.0132								
.245			[illegible]							

ARC97-019 !A81 (VAPIALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(4) = -.107 BETAO (1) = -6.062

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.0536	.0024	.0394	.0890		
.274				-.0589						
.345									-.0006	
.362		.0093								
.390			-.0867							
.400					-.1235	-.0922		-.0458		
.402				-.1329						
.418										.0614
.429	-.0129									
.497		-.0673								
.503									-.0279	
.547	-.0186									
.550					-.1509	-.1276				
.565				-.1581						
.600								-.1061		
.637			-.1257							
.638	-.0639									
.650							-.1204			
.670									-.0411	
.700		-.0847				-.1419				
.725					-.1592					
.727	-.0685									
.730										-.0032
.750							-.0975	-.0976		
.760				-.1209						
.775					-.1763	-.1742				
.793	-.0374									
.798			-.0919							
.808				-.1458						
.834		-.0538								
.839			-.1264							
.850					-.1245	-.1560	-.0926			
.857				-.1385						
.862									-.0365	
.865		-.1017								
.879			-.1320							
.900		-.0904			-.1144			-.0628		
.905				-.0794						
.919			-.1236							
.950					-.1092	-.1558	-.0780			
.953				-.1026						
.955			-.1070							
.965		-.0368								
1.000				-.0583		-.1031		-.1247		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(4) = -.104 BETAO (2) = -4.014

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.1003	.0200	.0161	.4286	.8806	.8209	.8278	.8400	.0982	
.010		.0146	.0214	.3917	.6457	.6995	.7177	.6442		
.020		.0086	.0249	.3113	.5408	.5909	.6088	.6032	.1498	
.040			.0256	.2038						
.041	.0391									
.050		.0161			.3446	.3978	.4136	.4344		
.069									.0000	
.080					.2055					
.081				.0998						
.086			.0615							
.094		.0069								
.113	.0154									
.150					.0231	.1011	.1281	.2004		
.157									.0246	
.163			.0840							
.177				-.0284						
.229		-.0154								
.246			-.0159							
.247	.0062									
.250					-.0693	-.0171	.0204	.0612		
.274				-.0769						
.345									-.0234	
.362		-.0218								
.390			-.0996							
.400					-.1332	-.1054		-.0609		
.402				-.1426						
.418										.0309
.429	-.0370									
.487		-.0828								
.503									-.0476	
.547	-.0458									
.550					-.1609	-.1401				
.565				-.1637						
.600								-.1177		
.637			-.1318							
.638	-.0784									
.660							-.1298			
.670									-.0508	
.700		-.0949				-.1538				
.705					-.1666					
.727	-.0865									
.750										-.0261
.760							-.1111	-.1071		
.780				-.1814						
.795					-.1822	-.1815				

ARC87-019 TAB1 LVAP/ALLHL SEALED) LEFT WING TO (RETU38)

ALPHAO(4) = -.104 BETAO (2) = -4.014

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0554									
.798			-.0904							
.808				-.1498						
.834		-.0523								
.839			-.1245							
.850					-.1381	-.1615	-.1055			
.857				-.1489						
.862									-.0458	
.865		-.0995								
.879			-.1281							
.900		-.0811			-.1263			-.0808		
.905				-.0388						
.919			-.1210							
.950					-.1155	-.1591	-.0926			
.953				-.1182						
.955			-.1073							
.965		-.0520								
1.000				-.0765		-.1079		-.1361		

ALPHAO(4) = -.095 BETAO (3) = .177

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0471	-.0198	-.0547	.2703	.7217	.6460	.6684	.6716	.0378	
.010		-.0265	-.0481	.2569	.4911	.5487	.5809	.5208		
.020		-.0308	-.0410	.2078	.3942	.4554	.4900	.4880	.0838	
.040			-.0379	.1246						
.041	-.0028									
.050		-.0202			.2189	.2896	.3236	.3429		
.069									.0000	
.080					.1048					
.081				.0403						
.088			-.0049							
.094		-.0230								
.113	-.0124									
.150					-.0348	.0403	.0762	.1478		
.157									-.0159	
.163			.0173							
.177				-.0640						
.229		-.0524								
.246			-.0537							
.247	-.0223									

ARC97-010 IA81 LVAR(ALLHL SCALED) LEFT WING TOP (RETU38)

ALPHA0(4) = -.098 BETA0 (3) = .177

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.0968	-.0575	-.0187	.0283		
.274				-.0973						
.345									-.0547	
.362		-.0574								
.390			-.1118							
.400					-.1465	-.1293		-.0820		
.402				-.1478						
.418										-.0121
.429	-.0866									
.497		-.0979								
.503									-.0732	
.547	-.0781									
.550					-.1686	-.1567				
.565				-.1623						
.600								-.1331		
.637			-.1380							
.638	-.1027									
.650							-.1459			
.670									-.0743	
.700		-.1075				-.1675				
.725					-.1649					
.727	-.0977									
.730										-.0650
.750							-.1316	-.1238		
.760				-.1051						
.775					-.1697	-.1759				
.793	- 0060									
.798			-.0868							
.808				-.1384						
.834		-.0347								
.839			-.1239							
.850					-.1538	-.1707	-.1253			
.857				-.1447						
.862									-.0661	
.865		-.0929								
.879			-.1215							
.900		-.0883			-.1319			.1054		
905				-.0938						
.919			-.1127							
.9[illegible]					-.1086	-.1689	-.1132			
.953				-.1331						
.955			-.1236							
.965		-.0823								
1.000				-.1110		-.0930		-.1415		

ARC97-019 IA81 (VAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(4) = -.081 BETAO (4) = 4.323

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0195	-.0681	-.0811	.1517	.4979	.5001	.5070	.5508	-.0264	
.010		-.0692	-.0758	.1209	.3287	.4151	.4398	.4179		
.020		-.0695	-.0681	.0905	.2639	.3324	.3663	.3877	.0207	
.040			-.0614	.0353						
.041	-.0380									
.050		-.0568			.1481	.1896	.2311	.2612		
.069									.0000	
.080					.0608					
.081				-.0206						
.086			-.0384							
.094		-.0588								
.113	-.0291									
.150					-.0590	-.0067	.0260	.0910		
.157									-.0578	
.163			-.0262							
.177				-.0867						
.229		-.0826								
.246			-.0755							
.247	-.0525									
.250					-.1157	-.0830	-.0569	-.0103		
.274				-.1053						
.345									-.0899	
.362		-.0730								
.390			-.1068							
.400					-.1495	-.1421		-.1041		
.402				-.1359						
.418										-.0632
.429	-.0880									
.497		-.0961								
.503									-.1049	
.547	-.0770									
.550					-.1554	-.1625				
.565				-.1450						
.600								-.1510		
.637			-.1255							
.638	-.1000									
.650							-.1569			
.670									-.1066	
.700		-.1028				-.1663				
.725					-.1533					
.727	-.0958									
.730										-.1090
.750							-.1419	-.1468		
.760				-.0895						
.775					-.1631	-.1688				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(4) = -.081 BETAO (4) = 4.323

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0383									
.798			-.0720							
.808				-.1257						
.834		-.0385								
.839			-.1061							
.850					-.1568	-.1607	-.1315			
.857				-.1271						
.862									-.0942	
.865		-.0947								
.879			-.1079							
.900		-.0837			-.1383			-.1283		
.905				-.0857						
.919			-.1082							
.950					-.1202	-.1653	-.1133			
.953				-.1192						
.955			-.1088							
.965		-.0815								
1.000				-.1319		-.1280		-.1273		

ALPHAO(4) = -.076 BETAO (5) = 6.389

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0306	-.0820	-.0735	.0365	.3813	.3902	.4454	.4708	-.0539	
.010		-.0810	-.0731	.0377	.2799	.3253	.3824	.3577		
.020		-.0803	-.0720	.0468	.2226	.2659	.3127	.3324	-.0104	
.040			-.0696	.0054						
.041	-.0533									
.050		-.0742			.1167	.1577	.1836	.2190		
.069									.0000	
.080					.0391					
.081				-.0358						
.086			-.0583							
.094		-.0804								
.113	-.0409									
.150					-.0695	-.0122	-.0002	.0610		
.157									-.0792	
.163			-.0421							
.177				-.0769						
.229		-.0740								
.246			-.0840							
.247	-.0696									

ARC97-019 (A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(4) = -.078 BETAO (5) = 8.389

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1050	-.0821	-.0671	-.0348		
.274				-.0878						
.345									-.1078	
.362		-.0562								
.396			-.0956							
.400					.1342	-.1351		-.1204		
.402				-.1285						
.418										-.0839
.429	-.0870									
.497		-.0864								
.503									-.1206	
.547	-.0625									
.550					-.1499	-.1541				
.565				-.1321						
.600								-.1570		
.637			-.1171							
.638	-.0916									
.650							-.1510			
.670									-.1199	
.700		-.0996				-.1548				
.725					-.1405					
.727	-.0909									
.730										-.1248
.750							-.1311	-.1456		
.760				-.0779						
.775					-.1551	-.1745				
.793	-.0423									
.798			-.0576							
.808				-.1096						
.834		-.0217								
.839			-.0889							
.850					-.1484	-.1587	-.1190			
.857				-.1155						
.862									-.1049	
.865		-.0857								
.879			-.0967							
.900		-.0838			-.1300			-.1211		
.905				-.0788						
.919			-.1020							
.950					-.1192	-.1517	-.0988			
.953				-.1094						
.955			-.1027							
.965		-.0868								
1.000				-.1390		-.1385		-.1185		

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(5) = 1.937 BETAO (1) = -8.052

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.1110	.0315	.1078	.4303	.9489	.9060	.8983	.9168	.1697	
.010		.0202	.0952	.3979	.6776	.7451	.7466	.6569		
.020		.0131	.0906	.3214	.5615	.6212	.6320	.6077	.1882	
.040			.0920	.2104						
.041	.0357									
.050		.0180			.3550	.4135	.4284	.4289		
.069									.0000	
.080					.2137					
.081				.1099						
.086			.1120							
.094		.0128								
.113	.0004									
.150					.0291	.1029	.1321	.1991		
157									.0444	
.163			.0945							
.177				-.0218						
.229		.0124								
.246			-.0163							
.247	.0089									
.250					-.0667	-.0171	.0211	0638		
.274				-.0768						
.345									-.0118	
.362		.0032								
.390			-.1035							
.400					-.1319	-.1061		-.0594		
.402				-.1451						
.418										.0814
.429	-.0120									
.497		-.0728								
.503									-.0382	
.547	-.0152									
.550					-.1583	-.1395				
.565				-.1688						
.600								-.1170		
.637			-.1362							
.638	-.0707									
.650							-.1315			
.670									-.0570	
70[illegible]		-.1005				-.1531				
.725					-.1659					
.727	.0795									
.730										.0095
50							-.1121	-.1001		
[illegible]0				-.1342						
5					-.1784	-.1822				

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(5) = 1.937 BETAO (1) = -6.052

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.783	-.0597									
.798			-.1101							
.808				-.1587						
.834		-.0785								
.839			-.1404							
.850					-.1330	-.1857	-.1068			
.857				-.1482						
.862									-.0548	
.865		-.1200								
.879			-.1474							
.900		-.1128			-.1880			-.0788		
.905				-.0881						
.918			-.1438							
.950					-.1201	-.1710	-.0833			
.953				-.1178						
.955			-.1295							
.965		-.0554								
1.000				-.0688		-.1061		-.1211		

ALPHAO(5) = 1.942 BETAO (2) = -1.908

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0594	-.0252	.0272	.3597	.7923	.7655	.7826	.7576	.0988	
.010		-.0318	.0187	.3123	.5487	.6134	.6394	.5373		
.020		-.0383	.0180	.2402	.4473	.4990	.5319	.4977	.1187	
.040			.0202	.1396						
.041	-.0018									
.050		-.0319			.2684	.3198	.3433	.3412		
.069									.0000	
.080					.1431					
.081				.0485						
.088			.0427							
.094		-.0351								
.113	-.0241									
.150					-.0218	.0572	.0754	.1380		
.157									-.0037	
.163			.0325							
.177				-.0685						
.228		-.0482								
.248			-.0528							
.247	-.0333									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHA0(5) = 1.942 BETA0 (2) = -1.906

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.6870	.8720	1.0000
X/CM										
.250					-.0982	-.0500	-.0224	.0176		
.274				-.1101						
.345									-.0476	
.362		-.0443								
.390			-.1289							
.400					-.1546	-.1280		-.0884		
.402				-.1654						
.418										.0270
.429	-.0666									
.497		-.1065								
.503									-.0707	
.547	-.0638									
.550					-.1769	-.1588				
.565				-.1812						
.600								-.1375		
.637			-.1529							
.638	-.0995									
.650							-.1499			
.670									-.0807	
.700		-.1154				-.1720				
.725					-.1842					
.727	-.0992									
.730										-.0310
.750							-.1363	-.1296		
.760				-.1355						
.775					-.1912	-.1818				
.793	-.0588									
.798			-.1099							
808				-.18[illegible]						
.834		-.0695								
839			-.1416							
850					-.1[illegible]	-.1772	-.1279			
.857				-.1675						
862									-.0746	
865		-.1361								
879			-.1472							
900		-.0898			-.1487			-.1079		
903				-.1083						
[illegible]			-.1381							
[illegible]					-.1341	-.1776	-.1164			
[illegible]				-.1624						
[illegible]			-.1273							
[illegible]		[illegible]								
[illegible]				-.1[illegible]74		-.1126		-.1431		

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHA0(5) = 1.053 BETA0 (3) = 2.279

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0068	-.0642	-.0570	.2361	.6188	.6062	.6202	.6387	.0428	
.010		-.0702	-.0507	.1989	.4127	.4825	.5132	.4478		
.020		-.0723	-.0526	.1442	.3202	.3900	.4235	.4116	.0579	
.040			-.0459	.0634						
.041	-.0274									
.050		-.0631			.1698	.2301	.2639	.2781		
.069									.0000	
.080					.0662					
.081				-.0114						
.086			-.0164							
.094		-.0618								
.113	-.0419									
.150					-.0710	.0029	.0343	.0963		
.157									-.0417	
.163			-.0185							
.177				-.0988						
229		-.0849								
.246			-.0849							
.247	-.0564									
.250					-.1326	-.0844	-.0512	-.0112		
.274				-.1315						
.345									-.0773	
.362		-.0806								
390			-.1385							
.400					-.1701	-.1483		-.1074		
.402				-.1704						
.418										-.0189
429	-.0946									
447		- 1161								
503									-.0951	
547	- 0897									
550					-.1847	-.1742				
565				-.1748						
600								-.1529		
637			-.1481							
678	-.1151									
650							-.1815			
670									-.0953	
700		-.1193				-.1833				
725					-.1582					
727	-.1098									
750										-.0645
750							-.1532	-.1454		
760				-.1208						
775					-.1659	-.1847				

ARC97-018 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(5) = 1.953 BETAO (3) = 2.279

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0132									
.798			-.1064							
.808				-.1497						
.834		-.0529								
.839			-.1338							
.950					-.1652	-.1882	-.1469			
.857				-.1557						
.862									-.0926	
.865		-.1047								
.879			-.1317							
.900		-.1019			-.1593			-.1280		
.905				-.1025						
.919			-.1271							
.950					-.1503	-.1770	-.1372			
.953				-.1457						
.955			-.1211							
.965		-.0941								
1.000				-.1356		-.0992		-.1300		

ALPHAO(5) = 1.968 BETAO (4) = 6.390

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0428	-.1018	-.0972	.0934	.4844	.4721	.4708	.5172	-.0131	
.010		-.0993	-.0940	.0523	.2760	.3750	.3801	.3499		
.020		-.0986	-.0891	.0219		.2948	.3060	.3204	.0011	
.040			-.0856	-.0234						
.041	-.0615									
.050		-.0933			.0[illegible]	.1539	.1752	.1907		
.069									.0100	
.080					.0043					
.081				-.0651						
.086			-.0744							
.094		-.0942								
.113	-.0562									
.150					-.1027	-.0450	-.0126	.0426		
.157									-.0768	
.163			-.0852							
.177				-.1114						
.193		-.1056								
.196			-.0881							
.197	-.0813									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(5) = 1.968 BETAO (4) = 6.390

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1388	-.1143	-.0829	-.0472		
.274				-.1142						
.345									-.1063	
.362		-.0765								
.390			-.1116							
.400					-.1551	-.1598		-.1277		
.402				-.1437						
.418										-.0548
.429	-.0997									
.497		-.0988								
.503									-.1212	
.547	-.0757									
.550					-.1614	-.1739				
.565				-.1434						
.600								-.1675		
.637			-.1281							
.638	-.1029									
.650							-.1712			
.670									-.1202	
.700		-.1116				-.1756				
.725					-.1524					
.727	-.1015									
.730										-.0882
.750							-.1601	-.1625		
.760				-.0942						
.775					-.1614	-.1823				
.793	-.0605									
.798			-.0810							
.808				-.1285						
.934		-.0510								
.839			-.1081							
.850					-.1544	-.1685	-.1479			
.857				-.1304						
.862									-.1123	
.865		-.0999								
.879			-.1116							
.900		-.0967			-.1419			-.1485		
.905				-.0892						
.919			-.1148							
.950					-.1312	-.1612	-.1309			
.953				-.1243						
.955			-.1144							
.965		-.0932								
1.000				-.1387		-.1448		-.1237		

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(6) = 3.403 BETAO (1) = -6.044

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0900	-.0025	.0831	.4456	.9652	.9321	.9110	.9294	.2058	
.010		-.0106	.0677	.3901	.6522	.7317	.7067	.6139		
.020		-.0152	.0666	.3030	.5331	.5970	.5855	.5630	.1799	
.040			.0680	.1885						
.041	.0134									
.050		-.0053			.3280	.3839	.3855	.3820		
.069									.0000	
.080					.1852					
.081				.0870						
.086			.0909							
.094		.0036								
.113	-.0184									
.150					.0028	.0762	.1047	.1580		
.157									.0302	
.163			.0754							
.177				-.0422						
.229		.0118								
.246			-.0283							
.247	-.0127									
.250					-.0878	-.0392	.0004	.0327		
.274				-.0935						
.345									-.0238	
.362		-.0010								
.390			-.1120							
.400					-.1479	-.1223		-.0801		
.402				-.1553						
.418										.0834
.429	-.0032									
.497		-.0750								
.503									-.0565	
.547	-.0173									
.550					-.1716	-.1539				
.565				-.1764						
.600								-.1291		
.637			-.1429							
.638	-.0741									
.650							-.1417			
.670									-.0818	
.700		-.1058				-.1858				
.725					-.1781					
.727	-.0854									
.730										-.0044
.750							-.1229	-.1156		
.760				-.1448						
.775					-.1847	-.1910				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(6) = 3.403 BETAO (1) = -6.044

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0720									
.798			.1238							
.808				-.1659						
.834		-.0913								
.839			-.1517							
.850					-.1482	-.1739	-.1202			
.857				-.1637						
.862									-.0800	
.865		-.1288								
.879			-.1577							
.900		-.1238			-.1392			-.0911		
.905				-.0985						
.919			-.1559							
.950					-.1347	-.1791	-.1063			
.953				-.1311						
.955			-.1436							
.965		-.0817								
1.000				-.0834		-.1112		-.1216		

ALPHAO(6) = 3.401 BETAO (2) = -4.060

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0762	-.0281	.0535	.4015	.8902	.8723	.8331	.8584	.1657	
.010		-.0365	.0402	.3447	.6043	.6765	.6464	.5706		
.020		-.0426	.0406	.2662	.4880	.5504	.5355	.5219	.1422	
.040			.0434	.1575						
.041	-.0012									
.050		-.0344			.2905	.3456	.3496	.3507		
.069									.0000	
.080					.1553					
.081				.0815						
.088			.0851							
.094		-.0337								
.113	-.0334									
.150					-.0170	.0554	.0841	.1392		
.157									.0057	
.163			.0469							
.177				-.0573						
.229		-.0213								
.246			-.0503							
.247	-.0369									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHA0(6) = 3.401 BETA0 (2) = -4.080

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.0971	-.0528	-.0145	.0177		
.274				-.1057						
.345									-.0444	
.362		-.0298								
.390			-.1283							
.400					-.1522	-.1298		-.0889		
.402				-.1628						
.418										.0500
.429	-.0390									
.497		-.0947								
.503									-.0718	
.547	-.0415									
.550					-.1751	-.1585				
.565				-.1821						
.600								-.1371		
.637			-.1535							
.638	-.0920									
.650							-.1474			
.670									-.0917	
.700		-.1191				-.1704				
.725					-.1820					
.727	-.0984									
.730										-.0262
.750							-.1353	-.1250		
.760				-.1540						
.775					-.1834	-.1823				
.793	-.0899									
.798			-.1332							
.808				-.1730						
.834		-.1057								
.839			-.1578							
.850					-.1822	-.1732	-.1297			
.857				-.1702						
.862									-.0867	
.865		-.1372								
.879			-.1620							
.900		-.1268			-.1456			-.1098		
.905				-.1027						
.919			-.1585							
.950					-.1404	-.1771	-.1186			
.953				-.1406						
.955			-.1472							
.955		-.0794								
1.000				.0992		-.1189		-.1262		

ARC97-019 1A81 EVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(6) = 3.409 BETAO (3) = .180

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0194	-.0571	-.0038	.2787	.7495	.6979	.7240	.7259	.1047	
.010		-.0880	-.0142	.2302	.4796	.5405	.5551	.4743		
.020		-.0737	-.0138	.1890	.3782	.4301	.4508	.4359	.0858	
.040			-.0092	.0781						
.041	-.0415									
.050		-.0841			.2080	.2543	.2748	.2845		
.069									.0000	
.080					.0911					
.081				.0014						
.086			.0129							
.094		-.0849								
.113	-.0581									
.150					-.0539	.0062	.0327	.0955		
.157									-.0285	
.163			-.0029							
.177				-.0938						
.229		-.0762								
.248			-.0859							
.247	-.0631									
.250					-.1252	-.0845	-.0543	-.0125		
.274				-.1325						
.345									-.0873	
.362		-.0782								
.390			-.1841							
.400					-.1732	-.1499		-.1116		
.402				-.1808						
.418										.0097
.429	-.0921									
.497		-.1295								
.503									-.0915	
.547	-.0864									
.550					-.1920	-.1755				
.585				-.1938						
.600								-.1548		
.637			-.1686							
.638	-.1190									
.650							-.1839			
.670									-.1036	
.700		-.1349				-.1868				
.725					-.1743					
.727	-.1169									
.730										-.0547
.750							-.1568	-.1510		
.780				-.1862						
.775					-.1799	-.1696				

DATE 08 OCT 75 1A818 - PRESSURE SOURCE DATA TABULATION (RETU38)

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP

ALPHAO(8) = 3.409 BETAO (3) = .180

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0128									
.798			-.1365							
.808				-.1848						
.834		-.0638								
.839			-.1598							
.850					-.1771	-.1963	-.1486			
.857				-.1890					-.1008	
.862										
.865		-.1121								
.879			-.1545					-.1287		
.900		-.1061			-.1715					
.905				-.1176						
.919			-.1394							
.950					-.1479	-.1847	-.1382			
.953				-.1728						
.955			-.1200							
.965		-.1057								
1.000				-.1482		-.1145		-.1300		

ALPHAO (4) = 3.415 BETAO (4) = 3.721

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0375	-.1066	-.0859	.1727	.5923	.5855	.5968	.6056	.0474	
.010		-.1087	-.0813	.1217	.[illegible]	.4324	.4500	.3865		
.020		-.1073	-.0742	.0945	.2615	.3330	.3611	.3503	.0342	
.040			-.0704	.0073						
.041	-.0673				.1255	.1759	.2071	.2159		
.050		-.0953							.0000	
.069					.0256					
.090				-.0528						
.091										
[illegible]			-.0570							
[illegible]		-.0949								
[illegible]	-.0841				-.0917	-.0329	-.0033	.0476		
[illegible]									-.0628	
[illegible]										
[illegible]			-.0598							
[illegible]				-.1264						
[illegible]		[illegible]								
[illegible]			-.1.26							
[illegible]										
[illegible]	-.0832									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHA0(6) = 3.415 BETA0 (4) = 3.721

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1474	-.1088	-.0806	-.0467		
.274				-.1545						
.345									-.0953	
.362		-.1014								
.390			-.1499							
.400					-.1850	-.1629		-.1292		
.402				-.1844						
.418										-.0329
.429	-.1186									
.497		-.1230								
.503									-.1181	
.547	-.0984									
.550					-.1972	-.1850				
.565				-.1805						
.600								-.1677		
.637			-.1495							
.638	-.1197									
.650							-.1754			
.670									-.1216	
.700		-.1238				-.1942				
.725					-.1704					
.727	-.1144									
.730										-.0839
.750							-.1702	-.1645		
.760				-.1225						
.775					-.1798	-.1977				
.793	-.0482									
.798			-.1129							
.808				-.1506						
.834		-.0693								
.839			-.1393							
.850					-.1812	-.1973	-.1636			
.857				-.1563						
.862									-.1152	
.865		-.1142								
.879			-.1372							
.900		-.1092			-.1774			-.1527		
.905				-.1028						
.919			-.1323							
.950					-.1701	-.1826	-.1538			
.953				-.1467						
.955			-.1263							
.965		-.1010								
1.000				-.1397		-.1249		-.1252		

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(6) = 3.418 BETAO (5) = 6.394

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2950	3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0603	-.1206	-.1044	.1016	.5104	.4902	.5320	.5533	.0282	
.010		-.1185	-.1012	.0477	.2733	.3591	.3856	.3448		
.020		-.1178	-.0953	.0126	.1954	.2727	.3036	.3111	.0107	
.040			-.0917	-.0325						
.041	-.0809									
.050		-.1110			.0725	.1356	.1609	.1837		
.069									.0000	
.080					-.0057					
.081				-.0789						
.086			-.0769							
.094		-.1109								
.113	-.0728									
.150					-.1102	-.0518	-.0240	.0251		
.157									-.0767	
.163			-.0773							
.177				-.1362						
.229		-.1180								
.246			-.1118							
.247	-.0962									
.250					-.1561	-.1207	-.0927	-.0610		
.274				-.1496						
.345									-.1066	
.362		-.0916								
.390			-.1305							
.400					-.1861	-.1692		-.1385		
.402				-.1619						
.418										-.0490
.429	-.1149									
.497		-.1112								
.503									-.1227	
.547	-.0866									
.550					-.1[illegible]	-.1896				
.565				-.1584						
.600								-.1737		
.637			-.1393							
.638	-.1128									
.650							-.1778			
.670									.1266	
[illegible]10		-.1208				-.1956				
[illegible]05					-.1714					
.727	-.1103									
[illegible]30										-.0981
.750							-.1739	-.1712		
[illegible]0				-.1162						
[illegible]6					-.17[illegible]	-.1994				

ARC97-019 IA81 (VAPIALCHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(6) = 3.418 BETAO (5) = 6.394

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0816									
.798			-.1016							
.808				-.1447						
.834		-.0731								
.839			-.1269							
.850					-.1721	-.1945	-.1691			
.857				-.1471						
.862									-.1205	
.865		-.1144								
.879			-.1278							
.900		-.1080			-.1617			-.1570		
.905				-.0987						
.919			-.1269							
.950					-.1506	-.1928	-.1588			
.953				-.1400						
.955			-.1234							
.965		-.1020								
1.000				-.1452		-.1422		-.1305		

ALPHAO(7) = 6.122 BETAO (1) = -4.040

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0520	-.0447	.0268	.4012	.9141	.8757	.8469	.8664	.1905	
.010		-.0570	.0142	3241	.5814	.6438	.6168	.5228		
.020		-.0634	.0156	.2413	.4623	.5143	.4979	.4734	.1256	
.040			.0208	.1326						
.041	-.0235									
.050		-.0461			.2649	.3130	.3052	.3058		
.069									.0000	
.080					.1319					
.081				.0385						
.086			.0478							
.094		-.0413								
.113	-.0567									
.150					-.0345	.0331	.0511	.1039		
.157									-.0104	
.163			.0306							
.177				-.0755						
.229		-.0298								
.246			-.0598							
.247	-.0556									

ARC97-018 IA81 LVAP(ALLML SEALED) LEFT WING TOP (RETU38)

ALPHAO(7) = 8.122 BETAO (1) = -4.040

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1114	-.0687	-.0381	-.0091		
.274				-.1204						
.345									-.0593	
.362		-.0387								
.390			-.1351							
.400					-.1648	-.1404		-.1085		
.402				-.1733						
.418										.0255
.429	-.0337									
.497		-.0998								
.503									-.0902	
.547	-.0440									
.550					-.1858	-.1681				
.565				-.1884						
.600								-.1492		
.637			-.1586							
.638	-.0976									
.650							-.1575			
.670									-.1158	
.700		-.1274				-.1796				
.725					-.1915					
.727	-.1043									
.730										-.0818
.750							-.1495	-.1407		
.760				-.1858						
.775					-.1932	-.1831				
.793	-.0883									
.798			-.1432							
.808				-.1831						
.834		-.1198								
.839			-.1667							
.850					-.1668	-.1991	-.1419			
.857				-.1860						
.862									-.1136	
.865		-.1494								
.879			-.1705							
.900		-.1412			-.1589			-.1184		
.905				-.1137						
.919			-.1691							
.950					-.1528	-.1894	-.1308			
.953				-.1610						
.965			-.1617							
.970		-.1115								
1.000				-.1165		-.1301		-.1246		

ARC97-019 !A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(7) = 8.128 BETAO (2) = -1.890

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2980	.3840	.4270	.5340	.8730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0291	-.0664	-.0015	.3360	.8315	.8125	.8185	.7869	.1542	
.010		-.0774	-.0117	.2888	.5178	.5938	.5741	.4835		
.020		-.0827	-.0088	.1987	.4089	.4721	.4807	.4171	.0968	
.040			-.0040	.0875						
.041	-.0445									
.050		-.0760			.2231	.2778	.2722	.2589		
.069									.0000	
.080					.1006					
.081				.0136						
.086			.0199							
.094		-.0631								
.113	-.0731									
.150					-.0504	.0130	.0299	.0735		
.157									-.0287	
.163			.0027							
.177				-.0927						
.229		-.0514								
.246			-.0830							
.247	-.0739									
.250					-.1244	-.0834	-.0579	-.0275		
.274				-.1344						
.345									-.0717	
.362		-.0606								
.390			-.1515							
.400					-.1734	-.1522		-.1178		
.402				-.1825						
.418										-.0003
.429	-.0611									
.497		-.1177								
.503									-.0988	
.547	-.0689									
.550					-.1925	-.1792				
.565				-.1954						
.600								-.1555		
.637			-.1738							
.638	-.1170									
.650							-.1673			
.670									-.1222	
.700		-.1411				-.1901				
.725					-.1987					
.727	-.1220									
.730										-.0966
.750							-.1607	-.1484		
.760				-.1768						
.775					-.1963	-.1929				

ARC97-019 !A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(7) = 6.126 BETAO (2) = -1.890

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1131									
.798			-.1560							
.808				-.1916						
.834		-.1326								
.839			-.1760							
.850					-.1772	-.1992	-.1520			
.857				-.1940						
.862									-.1205	
.865		-.1564								
.879			-.1788							
.900		-.1415			-.1709			-.1204		
.905				-.1175						
.919			-.1757							
.950					-.1644	-.1999	-.1392			
.953				-.1712						
.955			-.1673							
.965		-.1057								
1.000				-.1351		-.1385		-.1311		

ALPHAO(7) = 6.130 BETAO (3) = .192

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0017	-.0754	-.0194	.3039	.7733	.7182	.7416	.7516	.1348	
.010		-.0464	-.0303	.2280	.7115	.5244	.5242	.4414		
.020		-.0927	-.0271	.1599	.6512	.4120	.4189	.3971	.0782	
.040			-.0225	.0668						
.041	-.0605									
.050		-.0831			.1834	.3334	.2432	.2439		
.069									.0000	
.080					.0763					
.081				-.0107						
.096			-.0129							
.104		-.0818								
.114	-.0838									
.141					-.0720	-.0087	.0123	.0541		
.153									-.0382	
.153			-.1204							
.177				-.1055						
.193		-.0715								
.205			-.0[illegible]							
.217	-.0736									

ARC97-019 (A81 LVAPIALLHL SEALED) LEFT WING TOP (RETU38)

ALPHA0(7) = 6.130 BETA0 (3) = .192

SECTION (11LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1362	-.0960	-.0701	-.0363		
.274				-.1431						
.345									-.0795	
.362		-.0836								
.390			-.1613							
.400					-.1837	-.1581		-.1235		
.402				-.1880						
.418										-.0168
.429	-.0804									
.497		-.1343								
.503									-.1648	
.547	-.0895									
.550					-.1977	-.1827				
.565				-.2000						
.600								-.1626		
.637			-.1827							
.638	-.1266									
.650							-.1724			
.670									-.1272	
.700		-.1468				-.1329				
.725					-.1949					
.727	-.1280									
.730										-.1082
.750							-.1672	-.1551		
.760				-.1831						
.775					-.2005	-.1957				
.793	-.0973									
.798			-.1511							
.808				-.1968						
.834		-.1155								
.839			-.1715							
.850					-.1887	-.2043	-.1606			
.857				-.2010						
.862									-.1229	
.865		-.1328								
.879			-.1780							
.900		-.1159			-.1758			-.1356		
.905				-.1240						
.919			-.1693							
.950					-.1578	-.2097	-.1494			
.953				-.1915						
.953			-.1525							
.965		-.1108								
1.000				-.1581		-.1460		-.1247		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(7) = 8.133 BETAO (4) = 2.291

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0231	-.0906	-.0415	.2626	.6806	.6683	.5905	.6971	.1068	
.010		-.1016	-.0528	.1839	.3991	.4782	.4939	.4061		
.020		-.1054	-.0496	.1221	.2971	.3698	.3916	.3628	.0573	
.040			-.0457	.0339						
.041	-.0740									
.050		-.0987			.1444	.2052	.2246	.2175		
.069									.0000	
.080					.0419					
.081				-.0366						
.086			-.0239							
.094		-.0961								
.113	-.0796									
.150					-.0860	-.0219	.0023	.0477		
.157									-.0524	
.163			-.0373							
.177				-.1237						
.229		-.0961								
.246			-.1126							
.247	-.0913									
.250					-.1472	-.1054	-.0781	-.0467		
.274				-.1564						
.345									-.0905	
.362		-.0986								
.390			-.1735							
.400					-.1968	-.1641		-.1318		
.402				-.1940						
.418										-.0375
.429	-.1125									
.497		-.1433								
.503									-.1133	
.547	-.1012									
.550					-.2021	-.1879				
.565				-.1989						
.600								-.1889		
.637			-.1819							
.638	-.1291									
.650							-.1762			
.670									-.1304	
.700		-.1454				-.1978				
.725					-.1808					
.727	-.1302									
.730										-.1204
.750							-.1713	-.1621		
.760				-.1820						
.773					-.1893	-.2008				

ARC97-019 IA81 LV4P(ALLHL SEALED) LEFT WING TOP (RETU38)

ALPHAO(7) = 6.133 BETAO (4) = 2.291

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CH										
.793	-.0376									
.798			-.1484							
.808				-.1954						
.834		-.0755								
.839			-.1871							
.850					-.1931	-.2027	-.1857			
.857				-.1964						
.862									-.1261	
.865		-.1145								
.879			-.1811							
.900		-.1089			-.1935			-.1558		
.905				-.1804						
.919			-.1450							
.950					-.1875	-.1921	-.1560			
.953				-.1753						
.955			-.1242							
.965		-.1103								
1.000				-.1591		-.1292		-.1128		

ALPHAO(7) = 6.138 BETAO (5) = 3.707

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CH										
.000	-.0541	-.1174	-.0680	.2082	.6225	.6256	.6425	.6398	.0820	
.010		-.1245	-.0741	.1388	.3564	.4468	.4547	.3718		
.020		-.1245	-.0730	.0823	.2594	.3423	.3570	.3324	.0357	
.040			-.0688	.0058						
.041	-.0888									
.050		-.1125			.1118	.1778	.1968	.1943		
.069									.0000	
.080					.0178					
.081				-.0574						
.086			-.0544							
.094		-.1087								
.113	-.0838									
.150					-.0996	-.0403	-.0160	.0303		
.157									-.0848	
.163			-.0671							
.177				-.1354						
.229		-.1205								
.246			-.1268							
.247	-.0390									

ARC97-018 IA81 LVAP(ALLML SEALED) LEFT WING TOP (RETU38)

ALPHAO(7) = 8.138 BETAO (5) = 3.707

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1535	-.1178	-.0904	-.0599		
.274				-.1869						
.345									-.0998	
.382		-.1102								
.390			-.1711							
.400					-.1911	-.1711		-.1394		
.402				-.1989						
.418										-.0574
.429	-.1302									
.497		-.1332								
.503									-.1205	
.547	-.1026									
.550					-.2025	-.1925				
.565				-.1996						
.600								-.1742		
.637			-.1623							
.638	-.1249									
.650							-.1811			
.670									-.1358	
.700		-.1304				-.2002				
.725					-.1785					
.727	-.1195									
.730										-.1307
.750							-.1778	-.1707		
.760				-.1568						
.775					-.1914	-.1932				
.793	-.0248									
.798			-.1275							
.808				-.1715						
.834		-.0678								
.839			-.1500							
.850					-.1973	-.1799	-.1731			
.857				-.1738						
.862									-.1276	
.865		-.1141								
.879			-.1437							
.900		-.1119			-.1997			-.1607		
.905				-.1114						
.919			-.1363							
.950					-.1956	-.1578	-.1344			
.953				-.1595						
.965			-.1286							
.995		-.1059								
1.000				-.1497		-.1279		-.1173		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU39) (12 OCT 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 978.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.550 RN/FT = 2.500
E'V-IB = .000 ELV-OB = .000
RUDDER = .000 SPDBRK = .000

ALPHAO(1) = -6.293 BETAO (1) = .406

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1579	-.0093	-.0280	.2089	.4892	.4344	.3997	.4322	-.3666	
.010		-.0184	-.0094	.2928	.5380	.5449	.5442	.5234		
.020		-.0296	.0053	.2702	.4863	.4804	.4910	.5142	-.0887	
.040			.0124	.2186						
.041	-.1372									
.050		-.0339			.3419	.3447	.3517	.3906		
.069									-.0970	
.080					.2061					
.081				.1660						
.086			.0802							
.094		-.0633								
.113	-.1270									
.150					.0305	.0650	.0996	.1699		
.157									-.1601	
.163			.1840							
.177				.0523						
.229		.0125								
.246			.0519							
.247	-.0503									
.250					-.0698	-.0604	-.0347	-.0083		
.274				-.0253						
.345									-.1869	
.362		.0941								
.390			-.0303							
.400					-.1680	-.1815		-.1882		
.402				-.1546						
.418										-.2807
.429	.0198									
.497		-.0501								
.503									-.2047	
.547	.0252									
.550					-.2105	-.2092				
.565				-.1586						
.600								-.2715		
.637			-.0753							
.638	-.1014									
.650							-.2495			
.670									-.2298	

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU39)

ALPHAO(1) = -6.293 BETAO (1) = .406

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.0725				-.2245				
.725					.0202					
.727	-.0841									
.730										-.1992
.750							-.2343	-.2722		
.760				.0783						
.775					.0547	-.0171				
.793	.2370									
.798			.0902							
.808				.1054						
.834		.1101								
.839			.1046							
.850					.1256	.0109	-.2208			
.857				.1457						
.862									-.1720	
.865		.0237								
.879			.1326							
.900		.0983			.1571			-.2086		
.905				.1300						
.919			.0863							
.950					.1607	.0900	-.0764			
.953				.1174						
.955			.1136							
.955		.1317								
1.000				-.2478		-.2208		-.2685		

ALPHAO(2) = -4.229 BETAO (1) = -3.606

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0968	.0417	.0289	.3169	.6671	.3157	.5858	.5054	-.2564	
.010		.0397	.0341	.3805	.6005	.6359	.6372	.5959		
.020		.0323	.0454	.3221	.5257	.5416	.0510	.5644	.0194	
.040			.0477	.2374						
.041	-.0854									
.050		.0215			.3391	.3560	.3773	.4103		
.059									-.0192	
.080					.1865					
.081				.1524						
.095			.1021							
.014		-.0198								
.3	-.0903									

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU39)

ALPHA0(2) = -4.229 BETA0 (1) = -3.806

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.150					.0047	.0464	.0821	.1503		
.157									-.1169	
.163			.1766							
.177				.0290						
.229		.0178								
.246			.0390							
.247	-.0146									
.250					-.1284	-.1069	-.0663	-.0364		
.274				-.0856						
.345									-.1652	
.362		.0875								
.390			-.0657							
.400					-.2286	-.2355		-.2180		
.402				-.1886						
.418										-.3446
.429	.0342									
.497		-.0557								
.503									-.1946	
.547	.0225									
.550					-.2574	-.2719				
.565				-.2186						
.600								-.3012		
.637			-.1646							
.638	-.1027									
.650							-.3000			
.670									-.2547	
.700		-.1373				-.2693				
.725					-.1224					
.727	-.1167									
.730										-.3403
.750							-.2853	-.2973		
.760				.0193						
.775					-.0213	-.2329				
.793	.1034									
.798			.0583							
.808				.0708						
.834		.0911								
.839			.1088							
.950					.0347	-.0116	-.2776			
.857				.1297						
.962									-.2221	
.865		0462								
.879			.1466							
.900		.1219			.0696			-.2421		
.905				.1381						

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU39)

ALPHAO(2) = -4.229 BETAO (1) = -3.806

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.919			.1132							
.950					.1277	-.0180	-.2229			
.953				.1432						
.955			.1295							
.965		.1631								
1.000				-.2489		-.1347		-.2639		

ALPHAO(2) = -4.210 BETAO (2) = .382

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1573	-.0499	-.0452	.2347	.5291	.5054	.4644	.4799	-.3219	
.010		-.0570	-.0287	.2999	.4948	.5423	.5509	.5033		
.020		-.0632	-.0111	.2535	.4337	.4589	.4813	.4805	-.0560	
.040			-.0050	.1804						
.041	-.1521									
.050		-.0531			.2889	.2964	.3251	.3458		
.089									-.0832	
.080					.1538					
.081				.1156						
.085			.0596							
.094		-.0882								
.113	-.1524									
.150					-.0150	.0103	.0453	.1269		
.157									-.1637	
.163			.1434							
.177				.0090						
.229		-.0147								
.245			.0194							
.247	-.0769									
.250					-.1067	-.1182	-.0900	-.0495		
.274				-.0678						
.345									-.1994	
.352		.0667								
.391			-.0708							
.400					-.2004	-.2253		-.2233		
.402				-.1823						
.419										-.3727
.429	.0013									
.437		-.0732								
.503									-.2233	
.547	.0042									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU39)

ALPHAO(2) = -4.210 BETAO (2) = .382

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.2428	-.2534				
.585				-.2085						
.600								-.3026		
.637			-.1208							
.638	-.1254									
.650							-.2851			
.670									-.2629	
.700		-.1085				-.2498				
.725					-.0310					
.727	-.1121									
.730										-.1602
.750							-.2710	-.3006		
.760				.0354						
.775					-.0035	-.0614				
.793	.1807									
.798			.0521							
.808				.0680						
.834		.0677								
.839			.0654							
.850					.0543	-.0258	-.2582			
.857				.0715						
.862									-.2060	
.865		.0048								
.879			.0609							
.900		.0435			.0932			-.2474		
.905				.0984						
.919			.0576							
.950					.1404	.0128	-.1681			
.953				.0972						
.955			.0824							
.965		.1031								
1.000				-.2659		-.2183		-.2638		

ALPHAO(2) = -4.235 BETAO (3) = 3.933

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2050	-.0963	-.0895	.1866	.4285	.4574	.4301	.4822	-.1478	
.010		-.1242	-.0659	.2352	.4212	.5315	.5407	.5081		
.020		-.1323	-.0430	.2089	.3740	.4692	.4813	.4861	-.0561	
.040			-.0310	.1659						
.041	-.2007									

ARC97-019 !A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU39)

ALPHA0(2) = -4.235 BETA0 (3) = 3.933

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.050		-.1343			.2463	.3242	.3513	.3551		
.069									-.0860	
.080					.1286					
.081				.1077						
.086			.0412							
.094		-.1375								
.113	-.1972									
.150					-.0255	.0520	.1007	.1359		
.157									-.1574	
.163			.1303							
.177				.0015						
.229		-.0260								
.246			.0106							
.247	-.1158									
.250					-.0640	-.0539	-.0380	-.0430		
.274				-.0604						
.345									-.1610	
.362		.0612								
.390			-.0646							
.400					-.1585	-.1640		-.2073		
.402				-.1693						
.418										-.0744
.429	-.0127									
.497		- 0722								
.503									-.1913	
.547	-.0026									
.550					-.1757	-.2009				
.565				-.1022						
.600								-.2820		
.637			.0319							
.638	-.1265									
.650							-.2479			
.670									-.1974	
.700		.0043				-.1910				
.725					.0670					
.727	-.0973									
.730										-.1076
.750							-.2282	-.2703		
.752				.1023						
.775					.0953	-.0029				
.783	2397									
.790			.1218							
.814				.1300						
.824		.1334								
.843			.1303							

ARC37- 19 TAB1 (VAP:ALCHL SEALED) LEFT WING TOP (RETU39)

ALPHA0(2) = -4.235 BETA0 (3) = 3.933

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.850					.1540	.0889	-.2034			
.857				.1459						
.862									-.11	
.865		.0684								
.879			.1294							
.900		.1156			.1451			-.1963		
.905				.1260						
.919			.0915							
.950					.1464	.1201	-.0001			
.953				.1209						
.955			.1173							
.965		.1560								
1.000				-.1307		-.2858		-.2069		

ALPHA0(3) = -.028 BETA0 (1) = -5.881

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0739	.0779	.0653	.3773	.7738	.7501	.7289	.7390	-.0301	
.010		.0524	.0460	.3725	.5580	.6287	.6318	.5406		
.020		.0292	.0396	.2859	.4671	.5066	.5128	.4870	.0839	
.040			.0409	.1831						
.041	-.0228									
.050		.0350			.2592	.2900	.3034	.2960		
.069									.0215	
.080					.0967					
.081				.0676						
.086			.0803							
.094		-.0063								
.113	-.0632									
.150					-.0961	-.0477	.0018	.0563		
.157									-.1153	
.163			.1209							
.177				-.0487						
.229		-.0186								
.246			-.0203							
.247	-.0387									
.250					-.1943	-.1872	-.1565	-.1197		
.274				-.1616						
.345									-.1864	
.362		0579								
.390			-.1343							

ARC97-019 IA81 EVAP(ALLHL SEALED) LEFT WING TOP (RETU39)

ALPHA0(3) = -.028 BETA0 (1) = -5.881

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

X/CW	Y/BW .2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
.400					-.3052	-.3009		-.2853		
.402				-.2488						
.418										-.0627
.429	.0082									
.497		-.0871								
.503									-.2339	
.547	.0069									
.550					-.3281	-.3476				
.565				-.2699						
.600								-.3494		
.637			-.2236							
.638	-.1382									
.650							-.3618			
.670									-.2943	
.700		-.1749				-.3463				
.725					-.2928					
.727	-.1394									
.730										-.0806
.750							-.3526	-.3420		
.760				-.1087						
.775					-.1857	-.3307				
.793	-.1259									
.798			-.0612							
.808				-.0366						
.834		-.0241								
.839			.0109							
.850					-.0511	-.2301	-.3409			
.857				.0022						
.862									-.2936	
.865		-.0021								
.879			.0692							
.900		.1078			-.0487			-.2749		
.905				.0509						
.919			.0904							
.950					-.0411	-.1210	-.2975			
.953				.0994						
.965			.1190							
.965		.1766								
1.000				-.2343		-.1670		-.2449		

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU39)

ALPHA0(3) = -.024 BETA0 (2) = -3.844

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1024	.0323	.0154	.3410	.7272	.7091	.6840	.6934	.0583	
.010		.0193	.0054	.3375	.5248	.6029	.5977	.5087		
.020		.0125	.0103	.2565	.4406	.4871	.4872	.4567	.0555	
.040			.0161	.1682						
.041	-.0808									
.050		.0086			.2454	.2803	.2872	.2791		
.059									-.0082	
.080					.0853					
.081				.0583						
.086			.0675							
.094		-.0452								
.113	-.1089									
.150					-.1028	-.0508	-.0034	.0426		
.157									-.1324	
.163			.1081							
.177				-.0422						
.229		-.0400								
.245			-.0283							
.247	-.0749									
.250					-.1910	-.1867	-.1557	-.1293		
.274				-.1631						
.345									-.1994	
.362		.0400								
.390			-.1413							
.400					-.3076	-.2996		-.2850		
.402				-.2562						
.418										-.0939
.429	-.0157									
.497		-.1056								
.503									-.2430	
.547	-.0205									
.550					-.3292	-.3467				
.565				-.2681						
.600								-.3499		
.637			-.2249							
.638	-.1468									
.650							-.3596			
.670									-.3093	
.700		-.1852				-.3502				
.725					-.2872					
.727	-.1539									
.735										-.0948
.750							-.3545	-.3437		
.760				-.0794						
.775					-.1401	-.3303				

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU39)

ALPHAO(3) = -.024 BETAO (2) = -3.844

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1002									
.798			-.0480							
.808				-.0470						
.834		-.0071								
.839			.0103							
.850					-.0713	-.1367	-.3398			
.857				-.0024						
.862									-.2804	
.865		-.0104								
.879			.0508							
.900		.0630			-.0621			-.2873		
.905				.0444						
.919			.0691							
.950					-.0315	-.1111	-.2975			
.953				.0843						
.955			.0868							
.965		.1425								
1.000				-.2629		-.1583		-.2560		

ALPHAO(3) = -.022 BETAO (3) = .347

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1815	-.0626	-.0988	.2574	52.9	.8199	.5960	.6051	-.1224	
.010		-.0816	-.0946	.2679	[illegible]	.5354	.5283	.4410		
.020		-.0893	-.0715	.2000	[illegible]	.4305	.4277	.3978	-.0185	
.040			-.0577	.1269						
.041	-.1770									
.050		-.0771			.2117	.2438	.2389	.2317		
.069									-.0693	
.080					.0697					
.081				.0465						
.096			.0317							
.124		-.1143								
.133	-.1757									
.150					-.0931	-.0611	-.0320	.0088		
.157									-.0717	
.168			.0912							
.200				-.0418						
.203		-.0604								
.245			-.0376							
.247	-.1225									

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ARC97-019 (AB: LVAP(ALLHL SEALED) LEFT WING TOP (RE/039)

ALPHA0(3) = -.022 BETAC (3) = .347

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1798	-.1879	-.1758	-.1535		
.274				-.1656						
.345									-.2219	
.362		.0259								
.390			-.1350							
.400					-.2903	-.3055		-.3003		
.402				-.2378						
.418										-.0503
.429	-.0278									
.497		-.1169								
.503									-.2484	
.547	-.0342									
.550					-.3063	-.3460				
.565				-.2669						
.600								-.3591		
.637			-.2186							
.636	-.1667									
.650							-.3604			
.670									-.2816	
.700		-.1799				-.3339				
.725					-.1207					
.727	-.1554									
.730										-.3019
.760							-.3411	-.3527		
.780				-.0472						
.795					-.1004	-.1522				
.793	.0605									
.798			.0006							
.808				-.0018						
.834		.0363								
.839			.0278							
.850					-.0659	-.1036	-.3318			
.857				.0209						
.862									-.2850	
.865		-.0141								
.879			.0195							
.900		.0130			-.0369			-.2786		
.905				.0317						
.919			.0141							
.950					.0295	-.0912	-.2948			
.953				.0513						
.965			.0230							
.965		.0756								
1.000				-.2830		-.2141		-.2795		

ARC97-019 IA81 LVAP(ALL HL SEALED) LEFT WING TOP (RETU39)

ALPHAO(3) = .001 BETAO (4) = 3.898

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2467	-.1220	-.1311	.2432	.5773	.6530	.6046	.6071	.0083	
.010		-.1511	-.0888	.2347	.4064	.5243	.4925	.4052		
.020		-.1598	-.0567	.1783	.3495	.4204	.3901	.3607	-.0030	
.040			-.0446	.1182						
.041	-.2361									
.050		-.1643			.2248	.2383	.2132	.1981		
.069									-.0565	
.080					.1297					
.091				.0507						
.095			.0128							
.094		-.1738								
.113	-.2293									
.150					-.0318	-.0550	-.0290	.0030		
.157									-.1720	
.163			.0852							
.177				-.0510						
.229		-.0556								
.246			-.0269							
.247	-.1753									
.250					-.1618	-.1738	-.1530	-.1533		
.274				-.1006						
.345									-.2197	
.362		.0276								
.393			-.1051							
.400					-.2340	-.2700		-.2988		
.402				-.1843						
.418										-.0771
.429	-.0322									
.497		-.1023								
.503									-.2570	
.547	-.0302									
.550					-.2482	-.2901				
.565				-.1875						
.600								-.3577		
[illegible]			-.0122							
[illegible]	-.1440									
[illegible]							[illegible]			
[illegible]									-.3082	
.700		.0013				-.2754				
[illegible]					-.0394					
.727	-.0364									
.730										-.3570
[illegible]							-.32[illegible]	-.3438		
[illegible]				.0574						
[illegible]					-.0049	-.0906				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU39)

ALPHA0(3) = .001 BETA0 (4) = 3.898

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.1972									
.793			.0745							
.808				.0862						
.834		.0918								
.839			.0818							
.850					.0641	-.0678	-.2976			
.857				.0770						
.862									-.2952	
.865		.0266								
.879			.0612							
.900		.0573			.0748			-.2632		
.905				.0698						
.919			.0494							
.950					.1120	-.0046	-.1090			
.953				.0812						
.955			.0634							
.965		.1198								
1.000				-.1833		-.2720		-.2716		

ALPHA0(3) = .014 BETA0 (5) = 6.597

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2360	-.1722	-.0063	.3158	.5948	.5667	.5101	.5468	-.0113	
.010		-.2015	.0084	.2953	.4355	.4698	.4260	.3773		
.020		-.2009	.0375	.2450	.3742	.3716	.3435	.3471	-.0378	
.040			.0404	.1877						
.041	-.2472									
.050		-.1973			.2168	.1997	.1813	.2008		
.069									-.0870	
.080					.0875					
.081				.1099						
.086			.0789							
.094		-.1954								
.113	-.2479									
.150					-.0597	-.0748	-.0531	-.0005		
.157									-.1890	
.163			.1537							
.177				-.0001						
.229		.0095								
.246			.0417							
.247	-.1838									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU39)

ALPHA0(3) = .014 BETA0 (5) = 6.597

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1460	-.1715	-.1740	-.1571		
.274				-.0714						
.345									-.2129	
.362		.1162								
.390			-.0569							
.400					-.2133	-.2628		-.3038		
.402				-.1777						
.418										-.0814
.429	.0917									
.497		-.0361								
.503									-.2317	
.547	.0467									
.550					-.2387	-.2851				
.565				-.1560						
.600								-.3558		
.637			-.1196							
.638	-.0846									
.650							-.3232			
.670									-.3000	
.700		-.0988				-.2711				
.725					-.0257					
.727	-.0837									
.730										-.4016
.750							-.2997	-.3354		
.760				.0628						
.775					.0158	-.0687				
.793	.1453									
.798			.0814							
.809				.085						
.834		.0917								
.839			.0824							
.850					.0726	- 0451	-.2750			
.857				.0650						
.862									-.2867	
.855		.0273								
.879			.0468							
.900		.0489			.0669			-.2427		
.905				.0358						
.919			.0129							
.950					.0729	.0424	-.1037			
.953				.0312						
.955			.0078							
965		.0631								
1.000				- 1332		-.3000		-.2881		

ARC97-019 (A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU39)

ALPHAO(4) = 3.553 BETAO (1) = -3.877

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0771	-.0138	-.0147	.3739	.7528	.7614	7484	.7480	.1724	
.010		-.0348	-.0378	.2900	.4104	.5165	.4909	.3896		
.020		-.0465	-.0413	.1786	.3159	.3814	.3668	.3285	.0229	
.040			-.0358	.0653						
.041	-.0536									
.050		-.0287			.1174	.1648	.1593	.1467		
.069									-.0318	
.080					-.0326					
.081				-.0574						
.085			.0112							
.094		-.0640								
.113	-.1393									
.150					-.2278	-.1644	-.1178	-.0794		
.157									-.1705	
.163			.0112							
.177				-.1722						
.229		-.0763								
.246			-.1101							
.247	-.1000									
.250					-.3093	-.2903	-.2560	-.2264		
.274				-.2199						
.345									-.2348	
.362		-.0220								
.390			-.1962							
.400					-.3483	-.3877		-.3599		
.402				-.3177						
.418										-.1699
.429	-.0579									
.497		-.1385								
.503									-.3124	
.547	-.0529									
.550					-.3955	-.4210				
.565				-.3132						
.600								-.4016		
.637			-.2676							
.638	-.1789									
.650							-.4284			
.670									-.4407	
.700		-.2252				.4191				
.725					-.3454					
.727	-.1957									
.730										-.4668
.750							-.4187	-.3688		
.760				-.1911						
.775					-.2504	-.3989				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU39)

ALPHAO(4) = 3.553 BETAO (1) = -3.877

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1783									
.798			-.1489							
.808				-.1418						
.834		-.1087								
.839			-.1034							
.850					-.1472	-.3258	-.3967			
.857				-.1137						
.862									-.5094	
.865		-.0961								
.879			-.0602							
.900		.0003			-.1288			-.3166		
.905				-.0629						
.919			.0026							
.950					-.1241	-.2152	-.3464			
.953				-.0063						
.955			.0394							
.965		.0995								
1.000				-.2665		-.2123		-.3263		

ALPHAO(4) = 3.564 BETAO (2) = .361

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1478	-.0812	-.1232	.2723	.6785	.6991	.6839	.6808	.0628	
.010		-.1025	-.1267	.1667	.3442	.4466	.4220	.2995		
.020		-.1086	-.1158	.0882	.2574	.3171	.3054	.2434	-.0670	
.040			-.1049	.0203						
.041	-.1353									
.050		-.1002			.0798	.1177	.1146	.0811		
.069									-.1126	
.080					-.0538					
.081				-.0675						
.086			-.0656							
.094		-.1329								
.113	-.2060									
.[illegible]					-.2321	-.1784	-.1454	-.1154		
.157									-.2272	
.163			.0087							
.177				-.1502						
.223		-.1222								
.246			-.0340							
.247	-.1439									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU39)

ALPHAO(4) = 3.564 BETAO (2) = .361

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2878	-.2971	-.2723	-.2516		
.274				-.2175						
.345									-.2897	
.362		-.0153								
.390			-.1875							
.400					-.3508	-.3890		-.3737		
.402				-.3018						
.418										-.2865
.429	-.0616									
.497		-.1410								
.503									-.3386	
.547	-.0501									
.550					-.3746	-.4135				
.565				-.3034						
.600								-.4111		
.637			-.2659							
.638	-.1889									
.650							-.4299			
.670									-.4408	
.700		-.2249				-.4120				
.725					-.2653					
.727	-.1944									
.730										-.5155
.750							-.4163	-.3859		
.760				-.1400						
.775					-.1763	-.3791				
.793	-.1205									
.798			-.1104							
.808				-.1163						
.834		-.0447								
.839			-.0576							
.850					-.1431	-.1528	-.3986			
.857				-.0755						
.862									-.5205	
.865		-.0454								
.879			-.0256							
.900		.0134			-.1371			-.3259		
.905				-.0203						
.919			.0151							
.950					-.1013	-.1484	-.3457			
.953				.0212						
.955			.0202							
.965		.0727								
1.000				-.2638		-.2027		-.3518		

ARC97-019 (A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU39)

ALPHA0(4) = 3.575 BETA0 (3) = 3.908

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2192	-.1522	-.2681	.2467	.7123	.6848	.6653	.6226	.0369	
.010		-.1825	-.2461	.1547	.3266	.3754	.3477	.2293		
.020		-.1825	-.2093	.0887	.2471	.2567	.2389	.1720	-.1051	
.040			-.1665	.0286						
.041	-.1938									
.050		-.1818			.0867	.0808	.0571	.0334		
.069									-.1410	
.080					-.0483					
.081				-.0566						
.086			-.0523							
.094		-.1880								
.113	-.2540									
.150					-.2050	-.1895	-.1690	-.1461		
.157									-.2384	
.163			.0254							
.177				-.0799						
.229		-.0940								
.246			-.0661							
.247	-.1831									
.250					-.2484	-.2963	-.2805	-.2626		
.274				-.1725						
.345									-.2979	
.362		.0056								
.390			-.1211							
.400					-.3281	-.3770		-.3766		
.402				-.2533						
.418										-.3536
.429	-.0407									
.497		-.1179								
.503									-.3529	
.547	-.0381									
.550					-.328[illegible]	-.3859				
.565				-.2482						
.600								-.4117		
.637			-.1709							
.638	-.1180									
.650							-.4209			
.670									-.4509	
.700		-.1496				-.3757				
.725					-.1259					
.727	-.1129									
.730										-.5281
.[illegible]							-.4082	-.3908		
.760				-.0034						
.765					-.1018	-.1617				

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU39)

ALPHAO(4) = 3.575 BETAO (3) = 3.908

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.1161									
.798			.0212							
.808				.0248						
.834		.0637								
.839			.0551							
.850					-.0487	-.1251	-.3896			
.857				.0385						
.862									-.5244	
.865		.0011								
.879			.0477							
.900		.0583			-.0104			-.3333		
.905				.0379						
.919			.0193							
.950					.0542	-.0922	-.2837			
.953				.0423						
.955			.0292							
.965		.0641								
1.000				-.1371		-.2481		-.3484		

ALPHAO(5) = 6.255 BETAO (1) = .393

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1781	-.0471	-.1397	.2573	.7158	.7159	.6924	.6548	.0072	
.010		-.1010	-.1535	.1202	.2781	.3516	.3221	.1791		
.020		-.1184	-.1372	.0306	.1685	.2343	.2009	.1209	-.1784	
.040			-.1247	-.0696						
.041	-.1546									
.050		-.1193			.0046	.0347	.0125	-.0292		
.069									-.2004	
.080					-.1178					
.081				-.1468						
.086			-.0934							
.094		-.1356								
.113	-.2183									
.150					-.2737	-.2380	-.2150	-.2011		
.157									-.2932	
.163			-.0525							
.177				-.1988						
.229		-.1285								
.246			-.1308							
.247	-.1119									

ARC97-019 TAB1 LVAP(ALL HL SEALED) LEFT WING TOP (RETU39)

ALPHA0(5) = 6.255 BETA0 (1) = .393

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2890	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.3528	-.3399	-.3240	-.3095		
.274				-.2501						
.345									-.3782	
.362		-.0343								
.390			-.2074							
.400					-.3755	-.4234		-.4092		
.402				-.3289						
.418										-.4057
.429	-.0747									
.497		-.1585								
.503									-.4242	
.547	-.0663									
.550					-.4084	-.4527				
.565				-.3254						
.600								-.4393		
.637			-.2841							
.638	-.2096									
.650							-.4586			
.670									-.5347	
.700		-.2437				-.4444				
.725					-.2987					
.727	-.2086									
.730										-.5357
.750							-.4478	-.4196		
.760				-.1835						
.775					-.1391	-.4227				
.793	-.1710									
.798			-.1528							
.808				-.1637						
.834		-.0811								
.839			-.1008							
.850					-.1843	-.2468	-.4263			
.857				-.1289						
.862									-.5292	
.865		-.0469								
.879			-.0605							
.900		-.0017			-.1843			-.3795		
.905				-.0818						
.919			-.0171							
.950					-.1489	-.2098	-.3941			
.953				-.0196						
.955			.0091							
.965		.0357								
.990				-.2273		-.2263		-.3773		

ARC97-019 IA81 LVAP(ALLML SEALED) LEFT WING TOP (RETURN) (12 OCT 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 978.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.000 RN/FT = 2 500
ELV-IB = .000 ELV-OB = 000
RUDDER = .000 SPDBRK = .000

ALPHAO(1) = -8.299 BETAO (1) = .072

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.8720	1.0000
X/CW										
.000	.0073	-.0188	-.0037	.2487	.5570	.6744	.5250	.5382	-.1733	
.010		-.0107	-.0008	.2881	.5171	.5344	.5881	.5490		
.020		-.0173	.0077	.2528	.4585	.4814	.5237	.5297	.0180	
.040			.0126	.1924						
.041	.0247									
.050		-.0140			.3186	.3176	.3768	.4061		
.069									.0008	
.080					.2004					
.081				.1312						
.086			.0712							
.094		-.0286								
.113	.0152									
.150					.0588	.0972	.1395	.2025		
.157									-.0586	
.163			.1388							
.177				.0501						
.229		-.0032								
.246			.0526							
.247	-.0360									
.250					-.0216	-.0018	.0139	.0564		
.274				-.0117						
.345									-.0886	
.362		.0787								
.390			-.0218							
.400					-.1098	-.0928		-.0904		
.402				-.0960						
.418										-.2432
.429	.0303									
.497		-.0141								
.503									-.1038	
.547	.0375									
.550					-.1353	-.1384				
.565				-.1198						
.600								-.1568		
.637			-.0988							
.638	-.0465									
.650							-.1478			
.670									-.1305	

ARC97-019 IA31 LVAP(ALLHL SEALED) LEFT WING TOP (RETU40)

ALPHAO(1) = -6.299 BETAO (1) = .072

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.0671				-.1442				
.725					-.1259					
.727	-.0514									
.730										-.2653
.750							-.1410	-.1661		
.760				.0072						
.775					-.0532	-.1228				
.793	.1310									
.798			.0214							
.808				.0335						
.834		.0787								
.839			.0741							
.850					.0250	-.0680	-.1391			
.857				.0472						
.862									-.1090	
.865		.0277								
.879			.0813							
.900		.0853			.0382			-.1325		
.905				.0566						
.919			.0534							
.950					.0598	-.0089	-.1092			
.953				.0726						
.955			.0702							
.965		.1120								
1.000				-.1516		-.0969		-.1846		

ALPHAO(2) = -4.312 BETAO (1) = -4.221

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0476	[illegible]	.0534	[illegible]	.7498	[illegible]	.6898	[illegible]	-.0648	
.010		[illegible]	.0524	.3467	.5979	.6605	.6759	[illegible]		
.020		.0080	[illegible]	.2793	.5221	[illegible]	[illegible]	.5851	[illegible]	
.040			[illegible]	[illegible]						
[illegible]	[illegible]									
[illegible]		.0057			.3385	.3660	.4123	[illegible]		
[illegible]									.0737	
[illegible]					[illegible]					
[illegible]				[illegible]						
[illegible]			[illegible]							
[illegible]		-.0082								
[illegible]	[illegible]									

ARC97-019 TAB1 LVAP(ALL HL SEALED) LEFT WING TOP (RETURN)

ALPHA0(2) = -4.312 BETA0 (1) = -4.221

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.150					.0082	.0862	.1394	.2083		
.157									-.0118	
.163			.1227							
.177				-.0016						
.229		.0278								
.246			.0233							
.247	-.0114									
.250					-.0807	-.0392	-.0012	.0475		
.274				-.0486						
.345									-.0595	
.362		.0815								
.390			-.0558							
.400					-.1469	-.1428		-.1024		
.402				-.1342						
.418										-.1768
.429	.0318									
.497		-.0330								
.503									-.0860	
.547	.0262									
.550					-.1844	-.1806				
.565				-.1440						
.600								-.1690		
.637			-.1170							
.638	-.0581									
.650							-.1836			
.670									-.1344	
.700		-.0805				-.1848				
.725					-.1624					
.727	-.0621									
.730										-.1540
.750							-.1774	-.1780		
.760				-.0735						
.775					-.1340	-.1734				
.793	.0219									
.798			-.0182							
.808				-.0101						
.834		.0252								
.839			.0204							
8 .					-.0509	-.1047	-.1761			
.857				.0112						
.862									-.1198	
.865		.0212								
.879			.0403							
.900		.0784			.0011			-.1473		
905				.0353						

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU40)

ALPHAO(2) = -4.312 BETAO (1) = -4.221

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.519			.0544							
.950					.0325	-.1138	-.1495			
.953				.0725						
.955			.0835							
.965		.1451								
1.000				-.1174		-.1210		-.1771		

ALPHAO(2) = -4.288 BETAO (2) = .038

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0107	-.0361	-.0112	.2149	.5592	.5961	.5430	.5669	-.1372	
.010		-.0292	-.0115	.2469	.4505	.5789	.5631	.5231		
.020		-.0367	-.0069	.2090	.3897	.4928	.4938	.4981	.0263	
.040			-.0033	.1437						
.041	.0015									
.050		-.0381			.2524	.3250	.3444	.3636		
.069									.0015	
.080					.1422					
.081				.0809						
.086			.0386							
.094		-.0493								
.113	-.0018									
.150					.0102	.0497	.1059	.1645		
.157									-.0639	
.163			.0877							
.177				-.0001						
.229		-.0325								
.246			.0150							
.247	-.0522									
.250					-.0577	-.0521	-.0179	.0205		
.274				-.0462						
.345									-.1000	
[illegible]		.0435								
[illegible]			-.0580							
[illegible]					[illegible]	-.1369		-.1150		
[illegible]				-.1230						
.418										-.2016
[illegible]	-.0035									
[illegible]		[illegible]								
[illegible]									-.1183	
[illegible]	.0117									

DATE 08 OCT 75 TAB1B - PRESSURE SOURCE DATA TABULATION

ARC97-019 TAB1 (VAPIALLHL SEALED) LEFT WING TOP (RETUND)

ALPHA0(2) = -4.288 BETA0 (2) = .038

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.1593	-.1614				
565				-.1387						
.600								-.1791		
.637			-.1209							
.638	-.0683									
.650							-.1760			
.670									-.1534	
.700		-.0879				-.1738				
.725					-.1470					
.727	-.0743									
.730										-.2208
.750							-.1676	-.1880		
.760				-.0282						
.775					-.0807	-.1490				
.793	.0900									
.798			-.0171							
.808				-.0008						
.834		.0412								
.839			.0304							
.850					-.0106	-.0808	-.1660			
.857				.0113						
.862									-.1352	
.865		.0105								
.879			.0431							
.900		.0352			.0073			-.1593		
.905				.0217						
.919			.0333							
.929					.0222	-.0417	-.1429			
.953				.0380						
.955			.0530							
.965		.0814								
1.000				-.1032		-.1154		-.1909		

ALPHA0(2) = -4.280 BETA0 (3) = 3.604

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0421	-.0648	-.0539	.1919	.4944	.4008	.3850	.4109	-.1984	
.010		-.0718	-.0539	.2137	.4470	.4265	.4051	.3925		
.020		-.0816	-.0484	.1134	.3879	.3733	.3598	.3757	-.0431	
.040			-.0399	.1351						
.041	-.0362									

ARC97-018 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU40)

ALPHAO(2) = -4.280 BETAO (3) = 3.804

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/B/2	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/C4										
.050		-.0790			.2503	.2578	.2512	.2772		
.069									-.0566	
.080					.1427					
.081				.0868						
.086			.0178							
.094		-.0872								
.113	-.0428									
.150					.0202	.0481	.0729	.1167		
.157									-.1080	
.163			.0995							
.177				.0127						
.229		-.0432								
.246			.0279							
.247	-.0915									
.250					-.0506	-.0428	-.0219	.0034		
.274				-.0326						
.345									-.1321	
.362		.0463								
.390			-.0402							
.400					-.1308	-.1272		-.1148		
.402				-.1070						
.418										-.2431
.429	.0013									
.497		-.0368								
.503									-.1431	
.547	.0108									
.550					-.1557	-.1814				
.565				-.1341						
.600								-.1739		
.637			-.1074							
.638	-.0562									
.650							-.1602			
.670									-.1626	
.700		-.0852				-.1658				
.725					-.1444					
.727	-.0728									
.730										-.2401
.750							-.1582	-.1825		
.770				-.0166						
.772					-.0574	-.1477				
.793	.0908									
.798			.0128							
.820				.0065						
.824		.0513								
.835			.0468							

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU40)

ALPHAO(2) = -4.260 BETAO (3) = 3.604

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.850					-.0078	-.0848	-.1546			
.857				.0170						
.862									-.1411	
.865		.0004								
.879			.0331							
.900		.0281			.0011			-.1574		
.905				.0191						
.919			.0109							
.950					.0221	-.0040	-.1281			
.953				.0273						
.955			.0125							
.965		.0493								
1.000				-.1523		-.1510		-.1427		

ALPHAO(3) = -.077 BETAO (1) = -6.251

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0477	.0141	.0903	.4199	.8747	.8111	.8092	.8181	.0734	
.010		.0266	.0773	.4063	.6350	.6829	.6961	.6120		
.020		.0207	.0721	.3139	.5346	.5663	.5852	.5699	.1501	
.040			.0724	.2034						
.041	.0075									
.050		.0197			.3269	.3671	.3859	.3921		
.069									.0989	
.080					.1733					
.081				.0980						
.086			.1008							
.094		.0255								
.113	.0227									
.150					-.0237	.0536	.1054	.1630		
.157									-.0083	
.163			.1031							
.177				-.0464						
.229		.0123								
.246			-.0252							
.247	.0010									
.250					-.1228	-.0748	-.0354	.0125		
.274				-.1074						
.345									-.0652	
.362		.0232								
.390			-.1062							

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU40)

ALPHAO(3) = -.077 BETAO (1) = -6.251

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.400					-.1962	-.1765		-.1341		
.402				-.1756						
.418										.0046
.429	.0065									
.497		-.0644								
.503									-.0933	
.547	.0069									
.550					-.2165	-.2162				
.565				-.1909						
.600								-.1964		
.637			-.1558							
.638	-.0813									
.650							-.2127			
.670									-.1648	
.700		-.1147				-.2292				
.725					-.2213					
.727	-.0869									
.730										-.0479
.750							-.2098	-.2040		
.760				-.1527						
.775					-.2023	-.1911				
.793	-.0573									
.798			-.1137							
.808				-.1097						
.834		-.0763								
.839			-.0755							
.850					-.1503	-.1602	-.2111			
.857				-.0826						
.862									-.1579	
.865		-.0581								
.879			-.0507							
.900		.0146			-.0534			-.1776		
.905				-.0528						
.919			-.0135							
.950					-.0365	-.0383	-.1936			
.953				-.0179						
.955			.0518							
.965		.1333								
1.000				-.1125		-.1994		-.1658		

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU40)

ALPHAO(3) = -.075 BETAO (2) = -4.195

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0207	-.0323	.0499	.3563	.7946	.7505	.7383	.7484	.0459	
.010		-.0191	.0401	.3389	.5680	.6309	.6419	.5670		
.020		-.0247	.0375	.2572	.4733	.5177	.5387	.5292	.1221	
.040			.0401	.1527						
.041	-.0096									
.050		-.0244			.2796	.3263	.3489	.3593		
.069									.0717	
.080					.1402					
.081				.0565						
.086			.0666							
.094		-.0264								
.113	-.0046									
.150					-.0452	.0279	.0775	.1383		
.157									-.0254	
.163			.0587							
.177				-.0698						
.229		-.0125								
.246			-.0514							
.247	-.0415									
.250					-.1381	-.0938	-.0559	-.0108		
.274				-.1184						
.345									-.0810	
.362		.0017								
.390			-.1230							
.400					-.2035	-.1880		-.1456		
.402				-.1879						
.418										-.0182
.429	-.0142									
.497		-.0802								
.503									-.1128	
.547	-.0201									
.550					-.2238	-.2246				
.565				-.1918						
.600								-.2038		
.637			-.1805							
.638	-.1011									
.650							-.2215			
.670									-.1718	
.700		-.1205				-.2387				
.725					-.2235					
.727	-.0992									
.730										-.0648
.750							-.2218	-.2114		
.760				-.1445						
.775					-.1945	-.1968				

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU40)

ALPHAO(3) = -.075 BETAO (2) = -4.195

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0666									
.798			-.0952							
.808				-.0900						
.834		-.0409								
.839			-.0583							
.850					-.1216	-.1687	-.2182			
.857				- 0685						
.862									-.1658	
.865		-.0208								
.879			-.0360							
.900		.0265			-.0713			-.1863		
.905				-.0523						
.919			-.0050							
.950					-.0426	-.2311	-.1998			
.953				-.0271						
.955			.0404							
.965		.0962								
1.000				-.1369		-.1755		-.1599		

ALPHAO(3) = -.072 BETAO (3) = .017

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0445	-.0706	-.0347	.2257	.6540	.6356	.6175	.6355	-.0283	
.010		-.0679	-.0426	.1906	.4541	.5396	.5441	.4834		
.020		-.0729	-.0393	.1261	.3559	.4378	.4552	.4505	.0481	
.040			-.0344	.0562						
.041	-.0524									
.050		-.0656			.1953	.2617	.2864	.3004		
.069									.0071	
.080					.0732					
.081				-.0101						
.086			-.0079							
.094		-.0813								
.113	- 053[illegible]									
.150					- 0855	-.0037	.0 27	.0988		
.1[illegible]									-.0740	
[illegible]53			.0029							
.177				-.0826						
.229		-.0823								
[illegible]45			-.0625							
.24[illegible]	-.0884									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUNO)

ALPHAO(3) = -.072 BETAO (3) = .017

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1501	-.1076	-.0781	-.0342		
.274				-.1045						
.345									-.1180	
.362		-.0343								
.390			-.1089							
.400					-.1804	-.1917		-.1815		
.402				-.1714						
.418										-.0758
.429	-.0656									
.497		-.0899								
.503									-.1432	
.547	-.0399									
.550					-.2095	-.2218				
.565				-.1744						
.600								-.2180		
.637			-.1511							
.638	-.1059									
.650							-.2257			
.670									-.1955	
.700		-.1234				-.2193				
.725					-.1891					
.727	-.1032									
.730										-.1102
.750							-.2234	-.2242		
.760				-.0748						
.775					-.1239	-.1823				
.793	.0175									
.798			-.0681							
.808				-.0538						
.834		-.0155								
.839			-.0351							
.850					-.0868	-.1443	-.2228			
.857				-.0441						
.862									-.1713	
.865		-.0198								
.879			-.0158							
.900		.0024			-.0494			-.2018		
.905				-.0300						
.919			-.0053							
.950					-.0320	-.1102	-.2030			
.953				-.0137						
.955			.0117							
.965		.0398								
1.000				-.1632		-.1195		-.1875		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU40)

ALPHAO(3) = -.054 BETAO (4) = 3.568

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0829	-.1085	-.0702	.1545	.5216	.4817	.4806	.5203	-.0718	
.010		-.1102	-.0794	.1218	.3557	.4177	.4320	.3939		
.020		-.1138	-.0787	.0789	.2881	.3416	.3579	.3679	-.0055	
.040			-.0784	.0442						
.041	-.0783									
.050		-.1115			.1438	.2025	.2184	.2382		
.069									-.0420	
.080					.0501					
.081				-.0009						
.086			-.0487							
.094		-.1239								
.113	-.0793									
.150					-.0725	-.0301	.0080	.0650		
.157									-.1058	
.163			.0135							
.177				-.0477						
.229		-.1081								
.246			-.0388							
.247	-.1227									
.250					-.1167	-.1223	-.0953	-.0534		
.274				-.0942						
.345									-.1424	
.362		-.1166								
.390			-.0941							
.400					-.1747	-.1860		-.1704		
.402				-.1554						
.418										-.0793
.429	-.0678									
.497		-.0790								
.503									-.1613	
.547	-.0355									
.550					-.189.	-.2056				
.565				-.1701						
.600								-.2220		
.637			-.1435							
.638	-.0984									
.650							-.2165			
.670									-.1885	
.700		-.1130				-.2131				
.725					-.1598					
.727	-.0983									
.730										-.1243
.750							-.2068	-.2289		
.760				-.0789						
.775					-.0912	-.1925				

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU40)

ALPHAO(3) = -.054 BETAO (4) = 3.568

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0309									
.798			-.0621							
.808				-.0805						
.834		-.0179								
.839			-.0271							
.850					-.0599	-.1239	-.2042			
.857				-.0500						
.862									-.1716	
.865		-.0338								
.879			-.0209							
.900		-.0252			-.0534			-.2088		
.905				-.0381						
.919			-.0303							
.950					-.0360	-.0523	-.1825			
.953				-.0237						
.955			-.0130							
.965		.0098								
1.000				-.1928		-.1465		-.1640		

ALPHAO(3) = -.044 BETAO (5) = 6.274

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1014	-.1076	-.1101	.1029	.4606	.4521	.4367	.4528	-.0234	
.010		-.1155	-.1108	.0824	.2911	.4025	.3976	.3484		
.020		-.1215	-.1016	.0641	.2261	.3221	.3298	.3234	.0551	
.040			-.0961	.0337						
.041	-.0865									
.050		-.1264			.1160	.1788	.1926	.2047		
.069									.0167	
.080					.0394					
.081				-.0018						
.086			-.0568							
.094		-.1386								
.113	-.0898									
.150					-.0513	-.0358	-.0012	.0458		
.157									-.0684	
.163			.0081							
.177				-.0476						
.229		-.1078								
.246			-.0409							
.247	-.1327									

APC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUND)

ALPHAO(3) = -.044 BETAO (5) = 6.274

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1104	-.1141	-.0947	-.0637		
.274				-.0885						
.345									-.1088	
.362		-.0203								
.390			-.0879							
.400					-.1678	-.1770		-.1712		
.402				-.1486						
.418										-.0228
.429	-.0691									
.497		-.0814								
.503									-.1290	
.547	-.0430									
.550					-.1836	-.2004				
.565				-.1636						
.600								-.2104		
.637			-.1418							
.638	-.1060									
.650							-.2079			
.670									-.1614	
.700		-.1197				-.2027				
.725					-.1507					
.727	-.1063									
.730										-.0641
.750							-.1989	-.2061		
.760				-.0650						
.775					-.0823	-.1838				
.793	.0117									
.799			-.0399							
.808				-.0111						
.834		-.0097								
.839			-.0135							
.850					-.0865	-.1206	-.1992			
.857				-.0287						
.862									-.1107	
.865		-.0328								
.879			-.0223							
.900		-.0331			-.0487			-.1662		
.905				-.0267						
.919			-.0373							
.950					-.0318	-.0411	-.1743			
.953				-.0225						
.955			-.0216							
[illegible]		-.0037								
1.000				-.1603		-.1623		-.1425		

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN01)

ALPHA0(4) = 3.465 BETA0 (1) = -4.189

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0092	.0451	.0317	.3903	.8219	.7925	.7911	.7976	.1636	
.010		.0118	.0163	.3263	.5259	.5938	.5923	.4967		
.020		-.0013	.0182	.2316	.4191	.4691	.4761	.4450	.1165	
.040			.0222	.1222						
.041	-.0626									
.050		-.0027			.2246	.2709	.2799	.2798		
.069									.0608	
.080					.0873					
.081				.0229						
.086			.0549							
.094		-.0090								
.113	-.0564									
.150					-.0918	-.0205	.0173	.0668		
.157									-.0463	
.163			.0304							
.177				-.1146						
.229		-.0279								
.246			-.0871							
.247	-.0274									
.250					-.1807	-.1337	-.1013	-.0612		
.274				-.1701						
.345									-.1057	
.362		-.0312								
.390			-.1652							
.400					-.2435	-.2195		-.1803		
.402				-.2348						
.418										.0272
.429	-.0330									
.497		-.1198								
.503									-.1445	
.547	-.0514									
.550					-.2642	-.2537				
.565				-.2407						
.600								-.2292		
.637			-.2008							
.638	-.1344									
.650							-.2482			
.670									-.2154	
.700		-.1611				-.2648				
.725					-.2674					
.727	-.1328									
.730										-.1383
.750							-.2485	-.2349		
.760				-.2011						
.775					-.2503	-.2361				

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU40

ALPHAO(4) = 3.485 BETAO (1) = -4.189

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1278									
.798			-.1734							
.808				-.1731						
.834		-.1402								
.839			-.1482							
.850					-.1979	-.2247	-.2476			
.857				-.1570						
.862									-.2227	
.865		-.1257								
.879			-.1286							
.900		-.0675			-.1516			-.2071		
.905				-.1308						
.919			-.1024							
.950					-.1125	-.3013	-.2314			
.953				-.1194						
.955			-.0596							
.965		.0462								
1.000				-.1642		-.2463		-.1847		

ALPHAO(4) = 3.478 BETAO (2) = .022

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0668	-.0171	-.0430	.2871	.6920	.6960	.6917	.7052	.1020	
.010		-.0524	-.0525	.2155	.5123	.5084	.5052	.4225		
.020		-.0620	-.0483	.1351	.3139	.3917	.3989	.3767	.0532	
.040			-.0430	.0348						
.041	-.1025									
.050		-.0840			.1428	.2051	.2227	.2230		
.059									.0058	
.080					.0250					
.081				-.0518						
.086			-.0383							
.094		-.0705								
.113	-.049									
.150					-.1278	-.0589	-.0161	.0260		
.157									-.0884	
.183			-.0427							
.177				-.1590						
229		-.0947								
246			-.1327							
247	-.0969									

ARC97-019 IA81 LVAP(ALLML SEALED) LEFT WING TOP (RETURN)

ALPHAO(4) = 3.470 BETAO (2) = .022

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2036	-.1598	-.1262	-.0917		
.274				-.1972						
.345									-.1391	
.382		-.0848								
.390			-.1704							
.400					-.2537	-.2370		-.2018		
.402				-.2293						
.418										-.0319
.429	-.0940									
.497		-.1321								
.503									-.1738	
.547	-.0805									
.550					-.2685	-.2684				
.565				-.2224						
.600								-.2471		
.637			-.1937							
.638	-.1457									
.650							-.2605			
.670									-.2306	
.700		-.1635				-.2752				
.725					-.2469					
.727	-.1438									
.733										-.1885
.750							-.2611	-.2521		
.760				-.1597						
.775					-.2084	-.2635				
.793	-.1180									
.798			-.1324							
.808				-.1263						
.834		-.0924								
.839			-.1085							
.850					-.1447	-.2387	-.2611			
.857				-.1113						
.882									-.2184	
.885		-.0803								
.879			-.0797							
.900		-.0014			-.1260			-.2223		
.905				-.0937						
.919			-.0519							
.950					-.1095	-.2471	-.2458			
.953				-.0721						
.955			-.0194							
.985		.0418								
1.000				-.1938		-.1893		-.1843		

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN01)

ALPHA0(4) = 3.487 BETA0 (3) = 3.575

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/B4	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1221	-.1264	-.0974	.1882	.5865	.5964	.6033	.5988	.0592	
.010		-.1330	-.1065	.1098	.3018	.4036	.4105	.3300		
.020		-.1323	-.1016	.0490	.2139	.2960	.3133	.2901	.0010	
.040			-.0944	-.0310						
.041	-.1228									
.050		-.1267			.0658	.1306	.1487	.1528		
.069									-.0437	
.060					-.0344					
.081				-.0989						
.085			-.0725							
.094		-.1372								
13	-.1178									
50					-.1626	-.1011	-.0635	-.0195		
.157									-.1189	
.163			-.0732							
.177				-.1470						
.229		-.1329								
.246			-.1029							
.247	-.1449									
.250					-.2039	-.1828	-.1560	-.1228		
.274				-.1496						
.345									-.1580	
.362		-.0578								
.390			-.1421							
.400					-.2174	-.2417		-.2169		
.402				-.20						
.418										-.0976
.429	-.0941									
.497		-.1127								
.503									-.1848	
.547	-.0631									
.550					-.2346	-.2629				
.565				-.2009						
.600								- 2549		
.637			-.1742							
.638	-.1241									
.650							-.2604			
.700		-.1425				-.2635			-.2371	
.725					- 1839					
.727	-.1238									
.730										-.2788
.750							-.2586	-.2582		
.762				-.1241						
.775					- 1375	-.2374				

AMC97-019 TABI LVAPIALLHL SEALED) LEFT WING TOP (RETURN)

ALPHAO(4) = 3.487 BETAO (3) = 3.575

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0045									
.798			-.1160							
.608				-.1123						
.834		-.0512								
.839			-.0813							
.850					-.1172	-.1389	-.2562			
.857				-.1058						
850									-.2464	
.835		-.0598								
879			-.0677							
.900		-.0442			-.1123			-.2364		
.905				-.0885						
.919			-.0555							
.950					-.1017	-.1198	-.2410			
.953				-.0699						
.955			-.0349							
.965		-.0155								
1.000				-.2027		-.1459		-.1855		

ALPHAO(5) = 6.162 BETAO (1) = .040

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.... 0
X/CW										
.000	-.0794	-.0487	-.0396	.2976	.7195	.7345	.7457	.7333	.1401	
.010		-.0860	-.0550	.2076	.3990	.5015	.4905	.3886		
.020		-.0946	-.0536	.1239	.2989	.3783	.3780	.3382	.0495	
.040			-.0474	.0205						
.041	-.1270									
.050		-.0784			.1281	.1888	.1912	.1830		
.069									-.0104	
.080					.0111					
.081				-.0678						
....			-.0301							
.094		-.0715								
.113	-.1288									
.150					-.1481	-.0770	-.0440	-.0046		
.157									- 0988	
.163			-.0569							
.177				-.1748						
.229		-.0804								
.246			-.1484							
.247	-.0829									

ARC37-013 TAB1 LVAP(ALL'RL SEALED) LEFT WING TOP (RETU40)

ALPHAO(5) = 6.162 BETAO (1) = .040

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2178	-.1763	-.1480	-.1163		
.274				-.2170						
.345									-.1547	
.362		-.0914								
.390			-.1962							
.400					-.2676	-.2483		-.2158		
.402				-.2618						
.418										-.0775
.429	-.0900									
.497		-.1476								
.503									-.1915	
.547	-.0926									
.550					-.2834	-.2759				
.565				-.2389						
.600								-.2554		
.637			-.2079							
.638	-.1587									
.650							-.2707			
.670									-.2534	
.700		-.1767				-.2863				
.725					-.2627					
.727	-.1560									
.730										-.2559
.750							-.2723	-.2607		
.760				-.2016						
.775					-.2343	-.2850				
.793	-.1418									
.798			-.1732							
.808				-.1665						
.834		-.1374								
.839			-.1470							
.850					-.1975	-.2625	-.2717			
.857				-.1477						
.862									-.2818	
.865		-.1093								
.879			-.1287							
.900		-.0404			-.1788			-.2373		
.905				-.1212						
.919			-.0989							
.950					-.1562	-.2968	-.2587			
.953				-.1113						
.935			-.0553							
.985		.0274								
1.000				-.2042		-.2298		-.1748		

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU41) (12 OCT 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.200 RN/FT = 2.500
ELV-1B = .000 ELV-0B = .000
RUDDER = .000 SPOBRK = .000

ALPHAO(1) = -6.332 BETAO (1) = -.112

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2390	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0460	.0320	.0551	.2852	.6488	.6022	.5599	.5717	-.1204	
.010		.0371	.0521	.3082	.5714	.5895	.5992	.5493		
.020		.0289	.0555	.2684	.4906	.5094	.5322	.5255	.0401	
.040			.0571	.1969						
.041	.0541									
.050		.0252			.3314	.3453	.3858	.3961		
.069									.0183	
.080					.2181					
.081				.1284						
.086			.0949							
.094		.0079								
.11_	.0524									
.150					.0506	.0909	.1435	.2031		
.157									-.0306	
.163			.1327							
.177				.0384						
.229		-.0013								
.246			.0494							
.247	.0072									
250					-.0247	-.0057	.0193	.0673		
.274				-.0037						
.345									-.0623	
.362		.0679								
.390			-.0252							
.400					-.0920	-.0906		-.0684		
.402				-.0870						
.418										-.1842
.429	.0044									
.497		-.0099								
.503									-.0781	
.547	.0408									
.550					-.1238	-.1248				
.565				-.1058						
.600								-.1312		
.637			-.0849							
.638	-.0323									
.650							-.1343			
.670									-.1081	

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU41)

ALPHAO(1) = -6.332 BETAO (1) = -.112

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.0501				-.1383				
.725					-.1178					
.727	-.0384									
.730										-.2043
.750							-.1243	-.1421		
.760				-.0189						
.775					-.0838	-.1239				
.793	.1109									
.798			.0076							
.808				.0121						
.834		.0754								
.833			.0457							
.850					.0010	-.0647	-.1170			
.857				.0202						
.862									-.0921	
.865		.0430								
.879			.0619							
.900		0761			.0206			-.1189		
.905				.0394						
.919			.0679							
.950					.0419	-.0414	-.0936			
.953				.0607						
.955			.0690							
.965		.1208								
1.000				-.1310		-.0829		-.1464		

ALPHAO(2) = -4.327 BETAO (1) = -4.331

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0926	.0352	.1180	.3773	.8182	.7757	.7605	.7759	-.0144	
.010		.0512	.1086	3743	.8495	.7117	.7279	.6654		
.020		.0447	.1049	.3083	.5642	.8109	.6352	.6335	.1337	
.040			.1052	.2110						
.041	.0665									
.050		.0427			3722	.4290	.4515	.4667		
.069									0992	
.080					.2301					
.081				.1228						
.086			.1315							
.094		.0248								
.113	.0682									

ARC97-018 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN1)

ALPHAO(2) = -4.327 BETAO (1) = -4.351

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.150					.0404	.1249	.1755	.2422		
.157									.0187	
.163			.1325							
.177				.0083						
.229		.0006								
.246			.0162							
.247	.0268									
.250					-.0587	-.0044	.0360	.0900		
.274				-.0439						
.345									-.0291	
.362		.0453								
.390			-.0624							
.400					-.1306	-.1087		-.0629		
.402				-.1250						
.418										-.0809
.429	-.0086									
.497		-.0321								
.503										
.547	.0251								-.0551	
.550					-.1489	-.1508				
.565				-.1280						
.600								-.1297		
.637			-.1011							
.638	-.0459									
.650							-.1443			
.670									-.1001	
.700		-.0607				-.1643				
.725					-.1543					
.727	-.0435									
.730										-.1054
.750							-.1423	-.1430		
.760				-.0758						
.775					-.1270	-.1555				
.793	.0278									
.798			-.0259							
.808				-.0220						
.834		.0275								
.839			.0088							
.850					-.0691	-.0933	-.1443			
.857				-.0018						
.862									-.0871	
.865		.0303								
.879			.0287							
.900		.0817			-.0235			-.1232		
.905				.0199						

AR397-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN1)

ALPHA0(2) = -4.327 BETA0 (1) = -4.351

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.919			.0553							
.950					.0195	-.0990	-.1283			
.953				.0442						
.955			.0843							
.965		.1461								
1.000				-.0958		-.0936		-.1598		

ALPHA0(2) = -4.302 BETA0 (2) = -.140

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0251	.0063	0518	.2898	.6250	.6135	.5831	.6060	-.0820	
.010		.0114	.0417	.3009	.4871	.5721	.5778	.5314		
.020		.0052	.0390	.2450	.4202	.4868	.5045	.5030	.0491	
.040			.0423	.1565						
.041	.0293									
.050		.0025			.2783	.3324	.3538	.3642		
.059									.0214	
.080					.1750					
.081				.0794						
.086			.0717							
.094		-.0116								
.113	.0242									
.150						.0649	.1169	.1739		
.157									-.0373	
.163			.0912							
.177				-.0109						
.229		-.0348								
.246			.0083							
.247	-.0121									
.250					-.0555	-.0432	-.0052	.0387		
.274				-.0459						
.345									-.0724	
.362		.0278								
.390			-.0628							
.400					-.1162	-.1245		-.0906		
.402				-.1203						
.418										-.1353
.429	-.0314									
.497		-.0361								
.503									-.0909	
.547	.0120									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU41)

ALPHAO(2) = -4.302 BETAO (2) = -.140

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.1421	-.1544				
.565				-.1250						
.600								-.1502		
.637			-.1043							
.639	-.0538									
.650							-.1604			
.670									-.1233	
.700		-.0712				-.1585				
.725					-.1345					
.727	-.0606									
.730										-.1582
.750							-.1547	-.1618		
.750				-.0439						
.775					-.1063	-.1477				
.793	.0755									
.798			-.0217							
.808				-.0149						
.834		.0422								
.849			.0097							
.850					-.0366	-.0913	-.1521			
.857				-.0095						
.862									-.1096	
.865		.0197								
.879			.0272							
.900		.0439			-.0161			-.1420		
.905				.0071						
.919			.0376							
.950					.0062	-.0788	-.1300			
.953				.0270						
.955			.0454							
.965		.0828								
1.000				-.1367		-.1084		-.1499		

ALPHAO(2) = -4.281 BETAO (3) = 3.415

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0211	-.0303	-.0258	.1949	.5305	.3921	.4131	.4778	-.1461	
.010		-.0313	-.0275	.1879	.4232	.4118	.3875	.4239		
.020		-.0387	-.0228	.1482	.3564	.3642	.3332	.4009	-.0211	
.040			-.0194	.1010						
.041	-.0143									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN1)

ALPHA0(2) = -4.281 BETA0 (3) = 3.415

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.050		-.0354			.2272	.2456	.2282	.2814		
.069									-.0372	
.080					.1390					
.081				.0570						
.086			.0116							
.094		-.0525								
.113	-.0055									
.150					.0110	.0362	.0662	.1163		
.157									-.0629	
.163			.0568							
.177				-.0019						
.229		-.0556								
.246			.0025							
.247	-.0466									
.250					-.0571	-.0488	-.0209	.0084		
.274				-.0379						
.345									-.1106	
.362		.0163								
.390			-.0555							
.400					-.1196	-.1224		-.0974		
.402				-.1086						
.418										-.1897
.429	-.0354									
.497		-.0436								
.503									-.1215	
.547	-.0031									
.550					.1438	-.1463				
.565				-.1295						
.600								-.1468		
.637			-.1135							
.638	-.0669									
.650							-.1435			
.670									-.1406	
.700		-.0845				.1571				
.725					-.1358					
.727	-.0741									
.730										-.2037
.750							-.1345	-.1550		
.760				-.0338						
.775					-.0794	-.1409				
.793	.0532									
.799			-.0117							
.808				-.0187						
.834		.0409								
.833			.0265							

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU41)

ALPHAO(2) = -4.281 BETAO (3) = 3.415

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.050					-.0239	-.0892	-.1322			
.057				-.0083						
.832									-.1188	
.885		.0122								
.879			.0281							
.900		.0310			-.0156			-.1338		
.905				.0091						
.919			.0170							
.950					-.0026	-.0317	-.1135			
.953				.0219						
.955			.0130							
.965		.0603								
1.000				-.1480		-.1209		-.1304		

ALPHAO(3) = -.145 BETAO (1) = -8.442

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0952	.0320	.1265	.4487	.8245	.8781	.8680	.8862	.1173	
.010		.0347	.1144	.4294	.6793	.7388	.7467	.6741		
.020		.0265	.1097	.3435	.5760	.6178	.6358	.6285	.1854	
.040			.1100	.2270						
.041	.0357									
.050		.0391			.3642	.4135	.4318	.4488		
.069									.1310	
.080					.2118					
.081				.1183						
.086			.1305							
.094		.0286								
.113	.0320									
.130					.0112	.0995	.1448	.2108		
.15.									.0312	
.163			.1181							
.177				-.0263						
.229		.0249								
.246			-.0117							
.247	.0248									
.250					-.0858	-.0294	.0085	.0549		
.274				-.0884						
.345									-.0260	
.362		.0198								
.390			-.0988							

ARC97-019 (A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU41)

ALPHAO(3) = -.145 BETAO (1) = -6.442

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2890	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.400					-.1578	-.1292		-.0848		
.402				-.1653						
.418										.0439
.429	-.0010									
.497		-.0634								
.503									-.0573	
.547	.0003									
.550					-.1824	-.1683				
.555				-.1787						
.600								-.1469		
.637			-.1378							
.638	-.0670									
.650							-.1629			
.670									-.1182	
.700		-.0986				-.1814				
.725					-.1907					
.727	-.0741									
.730										-.0118
.750							-.1629	-.1561		
.760				-.1361						
.775					-.1788	-.1811				
.793	-.0452									
.798			-.0995							
.808				-.1028						
.834		-.0655								
.839			-.0695							
.850					-.1559	-.1305	-.1665			
.857				-.0854						
.862									-.1141	
.865		-.0515								
.879			-.0588							
.900		-.0017			-.1111			-.1354		
.905				-.0599						
.919			-.0319							
.950					-.0388	-.1469	-.1528			
.953				-.0481						
.955			.0125							
.965		.1225								
1.000				-.0747		-.1356		-.1478		

ARC97-019 TABI LVAP(ALLHL SEALED) LEFT WING TOP (RETUN1)

ALPHAO(3) = -.137 BETAO (2) = -4.372

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0609	.0060	.0790	.3976	.8629	.7981	.7989	.8083	.0735	
.010		.0101	.0689	.3754	.6311	.6837	.6844	.6153		
.020		.0040	.0642	.2934	.5290	.5749	.5786	.5767	.1396	
.040			.0652	.1845						
.041	.0084									
.050		.0074			.3283	.3841	.3876	.4061		
.069									.0885	
.080					.1852					
.081				.0798						
.086			.0854							
.094		-.0066								
.113	.0148									
.150					-.0079	.0765	.1196	.1793		
.157									.0019	
.163			.0723							
.177				-.0508						
.229		-.0097								
.246			-.0405							
.247	-.0089									
.250					-.1001	-.0485	-.0110	.0340		
.274				-.1049						
.345									-.0492	
.362		-.0083								
.390			-.1098							
.400					-.1681	-.1447		-.0989		
.402				-.1714						
.418										.0068
.429	-.0349									
.497		-.0766								
.503									-.0792	
.547	-.0180									
.550					-.1897	-.1807				
.565				-.1805						
.600								-.1602		
.637			-.1434							
.638	-.0830									
.650							-.1734			
.670									-.1296	
.700		-.1011				-.1948				
.725					-.1968					
.727	-.0827									
.730										-.0414
.750							-.1737	-.1660		
.760				-.1338						
.775					-.1824	-.1944				

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN1)

ALPHAO(3) = -.137 BETAO (2) = -4.372

SECTION (1. LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0407									
.798			-.0916							
.808				-.0955						
.834		-.0403								
.839			-.0613							
.850					-.1349	-.1460	-.1764			
.857				-.0787						
.862									-.1218	
.865		-.0267								
.879			-.0448							
.900		.0216			-.0842			-.1530		
.905				-.0573						
.919			-.0156							
.950					-.0400	-.1615	-.1620			
.953				-.0505						
.955			.0228							
.963		.1014								
1.000				-.1030		-.1400		-.1589		

ALPHAO(3) = -.130 BETAO (3) = -.176

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0059	-.0401	.0136	.2870	.7023	.6491	.6400	.6495	.0009	
.010		-.0377	.0018	.2356	.4959	.5392	.5572	.4921		
.020		-.0425	.0001	.1607	.4033	.4424	.4665	.4576	.0575	
.040			.0015	.0810						
.041	-.0272									
.050		-.0381			.2266	.2762	.2991	.3110		
.069									.0221	
.080					.1094					
.081				.0098						
.086			.0301							
.094		-.0435								
.113	-.0289									
.150					-.0516	.0192	.0623	.1124		
.157									-.0505	
.163			.0284							
.177				-.0786						
.229		-.0890								
.246			-.0645							
.247	-.0503									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN1)

ALPHA0(3) = -.130 BETA0 (3) = -.176

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1298	-.0849	-.0516	-.0106		
.274				-.1129						
.345									-.0914	
.362		-.0411								
.390			-.1150							
.400					-.1792	-.1641		-.1272		
.402				-.1620						
.418										-.0494
.429	-.0774									
.497		-.0873								
.503									-.1126	
.547	-.0334									
.550					-.1914	-.1969				
.565				-.1633						
.600								-.1806		
.637			-.1372							
.638	-.0889									
.650							-.1901			
.670									-.1490	
.700		-.1057				-.2084				
.725					-.1752					
.727	-.0923									
.730										-.0858
.750							-.1911	-.1898		
.760				-.0921						
.775					-.1288	-.1802				
.793	.0212									
.798			- 0824							
.808				-.0679						
.834		-.0204								
.839			-.0574							
.850					-.0887	-.1382	-.1941			
.857				-.0618						
.862									-.1388	
.865		-.0214								
.879			-.0379							
.900		-.0095			-.0685			-.1803		
.905				-.0469						
.919			-.0191							
.950					-.0480	-.1478	-.1828			
.953				-.0344						
.955			.0042							
.965		.0235								
1.000				-.1392		-.1228		-.1579		

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETURN)

ALPHA0(3) = -.117 BETA0 (4) = 3.384

SECTION : 1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0418	-.0789	-.0525	.1542	.5187	.4851	.4840	.5229	-.0626	
.010		-.0796	-.0572	.1310	.3498	.4086	.4248	.3989		
.020		-.0830	-.0558	.0917	.2693	.3274	.3496	.3690	-.0008	
.040			-.0518	.0328						
.041	-.0450									
.050		-.0775			.1269	.1837	.2130	.2414		
.069									-.0295	
.080					.0408					
.081				-.0209						
.086			-.0350							
.094		-.0855								
.113	-.0500									
.150					-.0713	-.0301	.0141	.0733		
.157									-.0892	
.163			-.0195							
.177				-.0770						
.229		-.1042								
.246			-.0649							
.247	-.0803									
.250					-.1182	-.1100	-.0815	-.0368		
.274				-.0969						
.345									-.1226	
.362		-.0494								
.390			-.1090							
.401					-.1502	-.1687		-.1410		
.402				-.1526						
.418										-.0971
.429	-.0915									
.497		-.0896								
.503									-.1390	
.547	-.0582									
.550					-.1818	-.1849				
.565				-.1624						
.600								-.1904		
.637			-.1417							
.638	-.1027									
.650							-.1911			
.670									-.1663	
.700		-.1134				-.1855				
.725					-.1795					
.727	-.1040									
.730										-.1213
.750							-.1854	-.1992		
.760				-.0868						
.775					-.0999	-.1711				

ARC97-019 TAB1 (VARIABLE SEALED) LEFT WING TOP (RETUN1)

ALPHA0(3) = -.117 BETA0 (4) = 3.384

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.793	.0148									
.798			-.0764							
.808				-.0784						
.834		-.0330								
.839			-.0511							
850					-.0766	-.1154	-.1821			
.857				-.0713						
.862									-.1499	
.865		-.0456								
.879			-.0407							
.900		-.0317			-.0898			-.1883		
.905				-.0521						
.918			-.0414							
.950					-.0593	-.0754	-.1631			
953				-.0434						
.955			-.0286							
.965		.0048								
1.000				-.1693		-.1208		-.1421		

ALPHA0(3) = -.112 BETA0 (5) = 8.098

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.000	-.0638	-.0862	-.0897	.0840	.4275	.4273	.4239	.4430	-.0925	
.010		-.0909	-.0937	.0705	.2642	.3613	.3832	.3496		
.020		-.0936	-.0907	.0466	.2026	.2830	.3152	.3251	-.0300	
.040			-.0880	.0103						
.041	-.0832									
.050		-.0933			.1079	.1554	.1841	.2089		
.060									-.0560	
.080					.0375					
.081				.0223						
.088			-.0684							
.094		-.1063								
.113	-.0594									
.150					-.0559	-.0273	-.0038	.0482		
.157									-.1075	
.163			-.0238							
.177				-.0718						
.229		-.1083								
.248			-.0610							
.247	-.0850									

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU41)

ALPHA0(3) = -.112 BETA0 (5) = 6.096

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.8720	1.0000
X/CW										
.250					-.1113	-.0982	-.0853	-.0537		
.274				-.0964						
.345									-.1352	
.362		-.0458								
.390			-.1042							
.400					-.1573	-.1559		-.1487		
.402				-.1468						
.418										-.0919
.429	-.0838									
.497		-.0900								
.503									-.1485	
.547	-.0571									
.550					-.1753	-.1774				
.565				-.1583						
.600								-.1909		
.637			-.1402							
.638	-.1041									
.650							-.1824			
.670									-.1676	
.700		-.1151				-.1828				
.725					-.1649					
.727	-.1051									
.730										-.1089
.750							-.1747	-.1957		
.760				-.0741						
.775					-.1536	-.1734				
.793	-.0357									
.799			-.0597							
.808				-.062						
.834		-.0208								
.839			-.0371							
.850					-.0595	-.1381	-.1717			
.857				-.0526						
.862									-.1454	
.865		-.0231								
.879			-.0317							
.900		-.0230			-.0659			-.1780		
.905				-.0362						
.919			-.0361							
.950					-.0582	-.0525	-.1504			
.933				-.0315						
.954			-.0280							
.966		.0009								
1.000				-.1595		-.1397		-.1392		

DATE 28 OCT 75 TAB1B - PRESSURE SOURCE DATA TABULATION

ARC97-019 TAB1 (VAPTALLHL SEALED) LEFT WING TOP (RETUT1)

ALPHA0(4) = 3.395 BETA0 (1) = -4.359

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0277	-.0269	.0430	.3936	.8825	.8399	.8482	.8295	.1613	
.010		-.0293	.0286	.3418	.5863	.6596	.6545	.5506		
.020		-.0330	.0269	.2531	.4742	.5315	.5350	.5036	.1357	
.040			.0296	.1412						
.041	-.0326									
.050		-.0106			.2738	.3302	.3356	.3330		
.069									.0774	
.080					.1333					
.081				.0430						
.086			.0552							
.094		.0007								
.113	-.0432									
.150					-.0484	.0317	.0667	.1179		
.157									-.0146	
.163			.0464							
.177				-.0810						
.229		-.0190								
.246			-.0633							
.247	-.0425									
.250					-.1321	-.0833	-.0527	-.0117		
.274				-.1331						
.345									-.0699	
.362		-.0272								
.390			-.1420							
.400					-.1928	-.1685		-.1293		
.402				-.1979						
.418										.0456
.429	-.0221									
.497		-.1051								
.503									-.1040	
.547	-.0406									
.550					-.2138	-.2017				
.565				-.2121						
.600								-.1799		
.637			-.1726							
.638	-.1108									
.650							-.1956			
.670									-.1613	
.700		-.1371				-.2141				
.725					-.2231					
.727	-.1108									
.730										-.0804
.750							-.1998	-.1874		
.760				-.1751						
.775					-.2154	-.1838				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU41)

ALPHAO(4) = 3.395 BETAO (1) = -4.359

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1035									
.798			-.1480							
.808				-.1543						
.834		-.1198								
.839			-.1279							
.850					-.1832	-.1755	-.2006			
.857				-.1452						
.862									-.1633	
.865		-.1065								
.879			-.1178							
.900		-.0748			-.1271			-.1748		
.905				-.1163						
.919			-.1050							
.950					-.0252	-.2406	-.1876			
.953				-.1207						
.955			-.0717							
.965		.0521								
1.000				-.1244		-.1850		-.1548		

ALPHAO(4) = 3.403 BETAO (2) = -.170

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0183	-.0710	-.0187	[illegible]	[illegible]	.6925	.6986	[illegible]	.0922	
.010		-.0805	-.0315	[illegible]	[illegible]	.5250	.5297	[illegible]		
.020		-.0852	-.0288	[illegible]	[illegible]	.4139	[illegible]	[illegible]	.0636	
.040			-.0234	[illegible]						
.041	-.0723									
.050		-.0761			.192[illegible]	.2357	.2480	.2506		
.069									.0184	
.080					.0691					
.081				-.0170						
.086			.0095							
.094		-.0560								
.113	-.0818									
.150					-.0878	-.0194	.0121	.0591		
[illegible]									-.0589	
.163			-.0120							
[illegible]				-.1231						
.229		-.0750								
.246			-.1035							
[illegible]	-.0869									

ARC97-019 TABLE LVAP(ALCHL SEALED) LEFT WING TOP (RETU41)

ALPHAC(41) = 3.403 BETAO (21) = -.170

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1639	-.1159	-.0915	-.0547		
.274				-.1631						
.345									-.1035	
.362		-.0689								
.390			-.1657							
.400					-.2144	-.1883		-.1556		
.402				-.2148						
.418										-.0107
.429	-.0767									
.497		-.1268								
.503									-.1304	
.547	-.0710									
.550					-.2337	-.2168				
.565				-.2088						
.600								-.2008		
.637			-.1721							
.638	-.1260									
.650							-.2111			
.670									-.1767	
.700		-.1421				-.2279				
.725					-.2281					
.727	-.1243									
.730										-.1308
.750							-.2157	-.2069		
.760				-.1608						
.775					-.1835	-.2058				
.793	-.0706									
.798			-.1283							
.808				-.1372						
.834		-.0868								
.839			-.1168							
.850					-.1539	-.1961	-.2187			
.857				-.1248						
.862									-.1750	
.865		-.0577								
.879			-.0984							
.900		-.020[illegible]			-.1440			-.1980		
.905				-.0984						
.919			-.0668							
.950					-.1347	-.2349	-.2084			
.953				-.0930						
.955			-.0342							
.965		.0028								
1.000				-.1598		-.1628		-.1819		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU41)

ALPHA0(4) = 3.411 BETA0 (3) = 3.387

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.8720	1.0000
X/CW										
.000	-.0729	-.1148	-.0672	.1928	.5775	.5714	.5717	.5984	.0484	
.010		-.1160	-.0763	.1360	.3376	.4159	.4202	.3633		
.020		-.1190	-.0753	.0771	.2476	.3178	.3299	.3235	.0174	
.040			-.0726	-.0029						
.041	-.0909									
.050		-.1095			.0976	.1568	.1745	.1881		
.069									-.0256	
.080					-.0014					
.081				-.0898						
.088			-.0557							
.094		-.1097								
.113	-.0808									
.150					-.1290	-.0662	-.0289	.0177		
.157									-.0920	
.163			-.0655							
.177				-.1508						
.229		-.1175								
.246			-.1309							
.247	-.1095									
.250					-.1856	-.1480	-.1182	-.0806		
.274				-.1703						
.345									-.1299	
.362		-.0947								
.390			-.1494							
.400					.2176	-.2050		-.1717		
.402				-.1905						
.418										-.0560
.429	-.1148									
.497		-.1226								
.503									-.1490	
.547	-.0841									
.550					-.2685	-.2031				
.565				-.1905						
.600								-.1125		
.637			-.1670							
.638	-.1265									
.650							-.2119			
.670									-.1892	
.700		-.1380				-.2325				
.725					-.1699					
.727	-.1238									
.730										-.1705
.750							-.2[illegible]	-.2300		
.760				-.1[illegible]0						
.775					-.1433	-.2151				

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN1)

ALPHAO(4) = 3.411 BETAO (3) = 3.387

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0108									
.798			-.1269							
.808				-.1229						
.834		-.0661								
.839			-.1006							
.850					-.1320	-.1359	-.2256			
.857				-.1199						
.862									-.1797	
.865		-.0722								
.879			-.0783							
.900		-.0623			-.1286			-.2119		
.905				-.0959						
.919			-.0655							
.950					-.1196	-.1470	-.2136			
.953				-.0932						
.955			-.0483							
.965		-.0337								
1.000				-.1754		-.1342		-.1510		

ALPHAO(5) = 6.079 BETAO (1) = -.145

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0334	-.0820	-.0152	.3146	.7626	.7188	.7290	.7255	.1258	
.010		-.0935	-.0307	.2349	.4511	.5123	.5068	.4148		
.020		-.0867	-.0267	.1558	.3478	.3955	.4002	.3684	.0563	
.040			-.0220	.0568						
.041	-.0915									
.050		-.0572			.1726	.2152	.2219	.2156		
.069									.0096	
.080					.0638					
.081				-.0283						
.086			.0019							
.094		-.0513								
.113	-.1071									
.150					-.0915	-.0358	-.0073	.0312		
.157									-.0687	
.163			-.0213							
.177				-.1331						
.229		-.0745								
.246			-.1148							
.247	-.0978									

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ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU4[illegible])

ALPHAO(5) = 6.079 BETAO ( ) = -.145

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					.1622	-.1290	-.1048	-.0748		
.274				-.1745						
.345									-.1133	
.362		-.0734								
.390			-.1811							
.400					-.2106	-.1988		-.1695		
.402				-.2262						
.418										-.0430
.429	-.0752									
.497		-.1357								
.503									-.1436	
.547	-.0762									
.550					-.2257	-.2252				
.565				-.2246						
.600								-.2092		
.637			-.1898							
.638	-.1369									
.650							-.2192			
.670									-.1913	
.700		-.1572				-.2356				
.725					-.2284					
.727	-.1352									
.730										-.1933
.750							-.2232	-.2164		
.760				-.20[illegible]						
.775					[illegible]	-.2335				
.793	-.1234									
.798			-.1666							
.808				[illegible]						
.834		-.1388								
.839			-.1478							
.850					1764	202	-.2252			
.857				-.1688						
.862									-.1900	
.[illegible]55		-.120[illegible]								
.879			-.1343							
.900		-.0573			-.1599			-.2031		
.905				-.1257						
.919			-.11[illegible]							
.950					.395	-.2554	-.2149			
.953				-.1277						
.955			-.0[illegible]							
.965		.00[illegible]								
1.000				[illegible]		-.2012		-.1351		

ARC97-019 (AB1 LVAP(ALLHL SCALED) LEFT WING TOP (RETURN) (12 OCT 94)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.500 RN/FT = 2.500
ELV-IB = .000 ELV-OB = .000
RUDDER = .000 SPDBRK = .000

ALPHAO(1) = -6.275 BETAO (1) = .222

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0892	.0587	-.0185	.3008	[illegible]	.5930	.6078	.6237	-.0714	
.010		.0601	-.0030	.3127	.5782	.5772	.6285	.5841		
.020		.0532	.0078	.2741	.5006	.5014	.5603	.5587	.0694	
.040			.0129	.2008						
.041	.0612									
.050		.0507			.3416	.3522	.4070	.4265		
.069									.0456	
.080					.2206					
.081				.1291						
.086			.0750							
.094		.0344								
.113	.0747									
.150					.0616	.1146	.1585	.2332		
.157									.0010	
.163			.1188							
.177				.0385						
.229		.0103								
.246			.0407							
.247	.0416									
.250					-.0192	.0151	.0395	.1019		
.274				.0010						
.345									-.0322	
.362		.0315								
.390			-.0337							
.400					-.0835	-.0661		-.0319		
.402				-.0798						
.418										-.1220
.429	.0085									
.497		-.0225								
.503									-.0485	
.547	.0058									
.550					-.1035	-.0971				
.565				-.0993						
.600								-.0947		
.637			-.0817							
.638	-.0318									
.650							-.0989			
.670									-.0739	

ARC97-019 TAB1 (VARIABLE SEALED) LEFT WING TOP (RETURN)

ALPHA0(1) = -6.275 BETA0 (1) = .222

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.0484				-.1035				
.725					-.1117					
.727	-.0355									
.730										-.1403
.750							-.0946	-.1089		
.760				-.0434						
.775					-.0932	-.0963				
.793	.0321									
.798			.0017							
.808				.0006						
.834		.0589								
.839			.0281							
.850					-.0367	-.0755	-.0939			
.857				.0057						
.862									-.0622	
.865		.0552								
.879			.0447							
.900		.0808			-.0031			-.0910		
.905				.0228						
.919			.0628							
.950					0219	-.0672	-.0753			
.953				.0441						
.955			.0862							
.965		.1242								
1.000				-.0958		-.0746		-.1167		

ALPHA0(2) = -4.238 BETA0 (1) = -3.5 [illegible]

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.1329	.0931	.0243	.4129	.8601	.8093	.8085	.7710	.0189	
.010		.1[illegible]2	.[illegible]98	.4115	.6826	.7430	.7629	.6876		
.020		.0039	.0474	.3500	.5831	.6339	.6721	.6521	.1474	
.040			.0499	.2427						
.041	.0929									
.050		.0658			.3879	.4531	.4819	.4923		
.069									.1101	
.080					.2508					
.091				.1420						
.096			.0656							
.[illegible]4		.[illegible]531								
.[illegible]	.0711									

ARC97-019 (AB) LVAP(ALLHL SEALED) LEFT WING TOP RETU(21)

ALPHAD(2) = -4.238 BETAO (1) = -3.999

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.97__	1.0000
X/CW										
.150					.0518	.1512	.2009	.2667		
.157									.0456	
.163			.1169							
.177				.0214						
.229		.0215								
.246			.0326							
.247	.0548									
.250					-.0329	.0279	.0843	.1204		
.274				-.0288						
.345									.0021	
.362		.0215								
.390			-.0463							
.400					-.0953	-.0707		-.0218		
.402				-.0937						
.418										-.0318
.429	.0018									
.497		-.0339								
.503									-.0201	
.547	-.0051									
.550					-.1198	-.1090				
.585				-.1198						
.600								-.0869		
.637			-.0946							
.638	-.0418									
.650							-.1037			
.670									-.0588	
.700		-.0557				-.1219				
.725					-.1198					
.727	-.0443									
.730										-.0906
.750							-.1044	-.1015		
.760				-.0822						
.775					-.1148	-.1191				
.793	.0058									
.798			-.0323							
.808				-.0340						
.834		.0131								
.839			-.0018							
.850					-.1009	-.1001	-.1080			
.857				-.0163						
.862									-.0464	
.865		.0193								
.879			.0171							
.900		.0582			-.0557			-.0851		
.905				.0072						

ARC97-019 IA81 CVAP(ALCHL SEALED) LEFT WING TOP (RETU42)

ALPHAO(2) = -4.238 BETAO (1) = -3 999

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.919			.0420							
.950					-.0098	-.0631	-.0937			
.953				.0086						
.955			.0881							
.965		.1234								
1.000				-.0835		-.0806		-.1285		

ALPHAO(2) = -4.215 BETAO (2) = .187

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0749	.0347	-.0251	.2962	.6508	.6146	.6189	.6373	-.0376	
.010		.0343	-.0151	.2847	.5468	.5811	.6057	.5619		
.020		.0296	-.0075	.2401	.4647	.4990	.5310	.5347	.0778	
.040			-.0050	.1597						
.041	.0405									
.050		.0296			.2963	.3416	.3797	.3987		
.069									.0475	
.080					.1752					
.081				[illegible]						
.096			.0339							
.094		.0193								
.113	.0463									
.150					[illegible]	.0838	.1433	[illegible]		
.157									[illegible]	
.163			.0804							
.177				[illegible]						
.229		-.0087								
[illegible]			[illegible]							
.247	.0227									
.250					-.0467	[illegible]	.0258	[illegible]		
[illegible]				-.0345						
.345									[illegible]	
[illegible]		.0004								
[illegible]			-.0532							
[illegible]					[illegible]	[illegible]		[illegible]		
[illegible]				[illegible]						
[illegible]										-.0778
[illegible]	[illegible]									
[illegible]		[illegible]								
[illegible]									-.0544	
[illegible]	[illegible]									

ARC97 019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETURN?)

ALPHAO(2) = -4.215 BETAO (2) = .197

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.1240	-.1144				
.565				-.1183						
.600								-.1054		
.637			-.1008							
.638	-.0566									
.650							-.1167			
.670									-.0825	
.700		-.0878				-.1234				
.725					-.1297					
.727	-.0566									
.730										-.1011
.750							-.1153	-.12.8		
.760				-.0618						
.775					-.1140	-.1140				
.793	.0245									
.798			-.0313							
.808				-.0277						
.834		.0225								
.839			-.0093							
.850					-.0535	-.0771	-.1149			
.857				-.0198						
.862									-.0719	
.865		.0218								
.879			.0098							
.900		.0393			-.0264			-.1091		
.905				-.0022						
.919			.0267							
.950					-.0058	-.0807	-.0989			
.953				.0036						
.955			.0422							
.965		.0854								
1.000				-.0977		-.0857		-.1325		

ALPHAO(2) = -4.201 BETAO (3) = 3.750

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.5730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0283	-.0088	-.0170	.1807	.5330	.4738	.4268	.5178	-.0931	
.010		-.01,7	-.0203	.1771	.4047	.4620	.3941	.4331		
.020		-.0135	-.0178	.1491	.3439	.3891	.3450	.4068	.0088	
[illegible]			-.0142	.0957						
.041	0010									

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ARC97-019 IA81 LVAP(ALL HL SEALED) LEFT WING TOP (RETU42)

ALPHAO(2) = -4.201 BETAO (3) = 3.750

SECTION (1)LEFT WING UP DEPENDENT VARIABLE CP

Y/BW	.2350	.2950	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.050		-.0077			.2221	.2609	.2473	.2839		
.069									-.0079	
.080					.1321					
.081				.0465						
.086			.0128							
.094		-.0192								
.113	.0187									
.150					.0067	.0604	.0881	.1344		
.157									-.0487	
.163			.0440							
.177				-.0195						
.229		-.0436								
.246			-.0084							
.247	-.0135									
.250					-.0476	-.0272	.0010	.0332		
.274				-.0363						
.345									-.0775	
.362		-.0076								
.390			.0594							
.400					-.0966	-.0940		-.0637		
.402				-.0959						
.418										-.1229
.429	-.0356									
.497		-.0461								
.503									-.0835	
.547	-.0204									
.550					-.1130	-.1176				
.565				-.1031						
.600								-.1109		
.637			-.0871							
.638	-.0544									
.650							-.1152			
.670									-.1073	
.700		-.0643				-.1205				
.725					-.1133					
.727	-.0562									
.730										[illegible]
.750							-.1127	-.1218		
[illegible]				-.0507						
.775					-.0942	-.1126				
[illegible]	[illegible]									
[illegible]			[illegible]							
.808				[illegible]						
[illegible]		[illegible]								

ARC97-019 TABI LVAPIALLHL SEALED) LEFT WING TOP (RETUM2)

ALPHAO(2) = -4.201 BETAO (3) = 3.750

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.850					-.0395	-.0862	-.1109			
.857				-.0044						
.862									-.0913	
.865		.0265								
.879			.0272							
.900		.0454			-.0164			-.1073		
.905				.0187						
.919			.0318							
.950					.0010	-.0644	-.0906			
.953				.0259						
.955			.0365							
.965		.0768								
1.000				-.1272		-.0928		-.0948		

ALPHAO(3) = -.088 BETAO (1) = -6.077

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.1368	.0630	.1010	.4777	.9529	.9381	.9145	.9191	.1420	
.010		.0526	.0953	.4408	.7195	.7697	.7857	.7035		
.020		.0439	.0924	.3625	.6069	.6469	.6703	.6598	.1991	
.040			.0931	.2508						
.041	.0623									
.050		.0511			.3971	.4392	.4641	.4792		
.069									.1529	
.080					.2514					
.081				.1436						
.086			.1237							
.094		.0424								
.113	.0319									
.150					.0519	.1317	.1758	.2387		
.157									.0602	
.183			.1190							
.177				.0052						
.229		.0199								
.246			.0080							
.247	.0358									
.250					-.0479	.0098	.0439	.0938		
.274				-.0538						
.345									.0060	
.382		.0187								
.390			-.0826							

ARC97-01B !AB1 LVAP(ALUHL SEALED) LEFT WING TOP (RETU42)

ALPHAO(3) = -.088 BETAO (1) = -6.077

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7890	.8870	.9720	1.0000
X/CW										
.400					-.1178	-.0849		-.0408		
.402				-.1263						
.418										.0681
.429	-.0053									
.497		-.0602								
.503									-.0224	
.547	-.0115									
.550					-.1455	-.1214				
.565				-.1521						
.600								-.1016		
.637			-.1214							
.638	-.0577									
.650							-.1157			
.670									-.0697	
.700		-.0787				-.1350				
.725					-.1537					
.727	-.0624									
.730										.0147
.750							-.1171	-.1146		
.760				-.1188						
.775					-.1473	-.1382				
.793	-.0335									
.798			-.0912							
.808				-.0928						
.834		-.0804								
.839			-.0883							
.850						-.1310	-.1203			
.857				-.0879						
.862									-.0838	
.865		-.0402								
.879			-.0539							
.900		-.0060			-.1285			-.0904		
.905				-.0481						
.919			-.0438							
.950					-.0758	-.1087	-.1097			
.953				-.0814						
.965			-.0747							
.965		.0888								
1.000				-.0995		-.0809		-.1151		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU42)

ALPHAO(3) = -.087 BETAO (2) = -4.025

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0994	.0234	.0178	.4292	.8818	.8280	.8321	.8455	.1031	
.010		.0176	.0232	.3948	.6495	.7024	.7205	.6488		
.020		.0107	.0268	.3148	.5433	.5938	.6115	.6094	.1547	
.040			.0282	.2055						
.041	.0433									
.050		.0191			.3450	.4034	.4167	.4374		
.069									.1129	
.080					.2074					
.081				.1018						
.086			.0642							
.094		.0094								
.113	.0187									
.150					.0272	.1070	.1473	.2054		
.157									.0278	
.163			.0857							
.177				-.0251						
.229		-.0131								
.246			-.0131							
.247	.0093									
.250					-.0662	-.0102	.0228	.0678		
.274				-.0732						
.345									-.0198	
.362		-.0203								
.390			-.0976							
.400					-.1313	-.0985		-.0582		
.402				-.1385						
.418										.0352
.429	-.0341									
.497		-.0810								
.503									-.0448	
.547	-.0435									
.550					-.1565	-.1325				
.565				-.1598						
.600								-.1152		
.637			-.1300							
.638	-.0785									
.650							-.1274			
.670									-.0838	
.700		-.0922				-.1464				
.725					-.1850					
.727	-.0775									
.730										-.0110
.750							-.1302	-.1278		
.760				-.1258						
.775					-.1576	-.1498				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU421

ALPHAO(3) = -.087 BETAO (2) = -4.025

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0551									
.798			-.0919							
.808				-.0972						
.834		-.0541								
.839			-.0688							
.850					-.1483	-.1407	-.1338			
.857				-.0861						
.862									-.0744	
.865		-.0461								
.879			-.0552							
.900		-.0025			-.1146			-.1174		
.905				-.0517						
.919			-.0390							
.950					-.0680	-.1100	-.1238			
.953				-.0662						
.955			-.0142							
.965		.0701								
1.000				-.0714		-.0897		-.1326		

ALPHAO(3) = -.082 BETAO (3) = .174

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0516	-.0161	-.0501	.2743	.7219	.6556	.6730	.6755	.0431	
.010		-.0222	-.0426	.2634	.5[illegible]	.5567	.5871	.5269		
.020		-.0268	-.0358	.2135	.[illegible]	.4530	.4945	.4932	.0893	
.040			-.0333	.1305						
.041	.0017									
.050		-.0153			.2242	.2980	.3276	.3458		
.069									.0540	
.080					.1099					
.081				.0463						
.088			.0001							
.094		-.0193								
.113	-.0077									
.150					-.0295	.0475	.0938	.1528		
.157									-.0114	
.193			.0223							
.177				-.0579						
.229		-.0483								
.246			-.0487							
.247	-.0182									

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU42)

ALPHAO(3) = -.082 BETAO (3) = .174

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.0930	-.0489	-.0142	.0321		
.274				-.0905						
.343									-.0491	
.362		-.0527								
.390			-.1075							
.400					-.1427	-.1214		-.0770		
.402				-.1414						
.418										-.0049
.429	-.0620									
.497		-.0926								
.503									-.0687	
.547	-.0710									
.550					-.1622	-.1493				
.565				-.1561						
.600								-.1292		
.637			-.1316							
.638	-.0982									
.650							-.1410			
.670									-.0974	
.700		-.1017				-.1593				
.725					-.1628					
.727	-.0917									
.730										-.0434
.750							-.1449	-.1411		
.760				-.1002						
.775					-.1303	-.1568				
.793	-.0012									
.798			-.0842							
.808				-.0862						
.834		-.0345								
.839			-.0710							
.850					-.0838	-.1289	-.1487			
.857				-.0830						
.862									-.0891	
.865		-.0341								
.879			-.0518							
.900		-.0189			-.0725			-.1343		
.905				-.0503						
.919			-.0322							
.950					-.0590	-.1082	-.1374			
.953				-.0588						
.955			-.0085							
.965		.0188								
1.000				-.0980		-.0941		-.1421		

ARC97-019 TABI LVAP(ALLHL SEALED) LEFT WING TOP (RETURN)

ALPHAO(3) = -.071 BETAO (4) = 3.720

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0121	-.0612	-.0747	.1563	.4987	.5066	.5105	.5543	-.0206	
.010		-.0623	-.0689	.1351	.3307	.4226	.4437	.4225		
.020		-.0623	-.0610	.0957	.2682	.3404	.3715	.3931	.0267	
.040			-.0553	.0405						
.041	-.0298									
.050		-.0493			.1515	.1981	.2349	.2664		
.069									.0002	
.080					.0655					
.081				-.0137						
.086			-.0305							
.094		-.0533								
.113	-.0223									
.150					-.0535	.0033	.0418	.0955		
.157									-.0518	
.163			-.0204							
.177				-.0807						
.229		-.0765								
.246			-.0700							
.247	-.0464									
.250					-.1100	-.0732	-.0520	-.0057		
.274				-.0998						
.345									-.0842	
.362		-.0660								
.390			-.1020							
.400					-.1437	-.1311		-.0997		
.402				-.1295						
.418										-.0545
.429	-.0807									
.497		-.0902								
.503									-.1002	
.547	-.0695									
.550					-.1494	-.1525				
.565				-.1385						
.600								.1485		
.637			-.1203							
.638	-.0927									
.650							-.1			
.670									-.1260	
.700		-.0968				-.1550				
.725					-.1741					
.727	-.0880									
.730										-.0325
.750							-.152	-.1581		
.750				-.0829						
.775					-.1228	-.1386				

ARC97-019 (AB) LVAP(ALLHL SEALED) LEFT WING TOP (RETU42)

ALPHAO(3) = -.071 BETAO (4) = 3.720

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0338									
.798			-.0650							
.808				-.0817						
.834		-.0384								
.839			-.0481							
.850					-.0759	-.1043	-.1520			
.857				-.0546						
.862									-.1151	
.865		-.0341								
.879			-.0359							
.900		-.0145			-.0621			-.1508		
.905				-.0295						
.919			-.0323							
.950					-.0471	-.0935	-.1392			
.953				-.0387						
.955			-.0222							
.965		.0236								
1.000				-.1240		-.1271		-.1198		

ALPHAO(3) = -.067 BETAO (5) = 6.427

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0231	-.0758	-.0662	.0915	.3851	.4117	.4480	.4748	-.0481	
.010		-.0736	-.0662	.0754	.2794	.3343	.3891	.3655		
.020		-.0721	-.0640	.0485	.2271	.2722	.3185	.3398	-.0031	
.040			-.0612	.0124						
.041	-.0465									
.050		-.0678			.1217	.1666	.1907	.2251		
.069									-.0336	
.080					.0443					
.081				-.0284						
.086			-.0511							
.094		-.0726								
.113	-.0332									
.150					-.0658	-.0039	.0140	.0672		
.157									-.0721	
.163			-.0354							
.177				-.0703						
.229		-.0875								
.246			-.0565							
.247	-.0817									

ARC97-019 (A81 LVAPIALLHL SEALED) LEFT WING TOP (RETU42)

ALPHAO(3) = -.067 BETAO (5) = 6.427

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.0932	-.0784	-.0612	-.0278		
.274				-.0803						
.345									-.1011	
.362		-.0491								
.390			-.0877							
.400					-.1272	-.1248		-.1118		
.402				-.1218						
.418										-.0753
.429	-.0790									
.497		-.0784								
.503									-.1145	
.547	-.0548									
.550					-.1425	-.1434				
.565				-.1251						
.600								-.1489		
.637			-.1095							
.638	-.0841									
.650							-.1443			
.670									-.1367	
.700		-.0918				-.1441				
.725					-.1347					
.727	-.0833									
.730										-.0939
.750							-.1425	-.1550		
.760				-.0849						
.775					-.1083	-.1362				
.793	-.0353									
.798			-.0458							
.808				-.0412						
.834		-.0194								
.839			-.0257							
.850					-.0627	-.1177	-.1407			
.857				-.0442						
.862									-.1200	
.865		-.0180								
.879			-.0214							
.900		-.0129			-.0539			-.1438		
.905				-.0184						
.910			-.0236							
.950					-.0439	-.0538	-.1251			
.967				-.0242						
.980			-.0178							
[illegible]		.0161								
1.000				-.1292		-.1052		-.1091		

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN2)

ALPHAO(4) = 3.400 BETAO (1) = -4.002

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0811	-.0210	.0586	.4015	.8882	.8771	.8332	.8641	.1727	
.010		-.0304	.0457	.3478	.6025	.6817	.6508	.5758		
.020		-.0354	.0454	.2687	.4894	.5552	.5405	.5290	.1503	
.040			.0486	.1607						
.041	.0050									
.050		-.0282			.2914	.3527	.3544	.3580		
.069									.1014	
.080					.1593					
.081				.0673						
.086			.0704							
.094		-.0285								
.113	-.0261									
.150					-.0085	.0638	.1044	.1469		
.157									.0148	
.163			.0522							
.177				-.0518						
.229		-.0154								
.246			-.0440							
.247	-.0311									
.250					-.0887	-.0427	-.0075	.0254		
.274				-.0990						
.345									-.0355	
.362		-.0259								
.390			-.1209							
.400					-.1445	-.1193		-.0817		
.402				-.1559						
.418										.0579
.429	-.0340									
.497		-.0897								
.503									-.0630	
.547	-.0362									
.550					-.1847	-.1481				
.565				-.1749						
.600								-.1309		
.637			-.1452							
.638	-.0863									
.650							-.1399			
.670									-.1097	
.700		-.1132				-.1592				
.725					-.1748					
.727	-.0913									
.730										-.0485
.750							-.1438	-.1384		
.760				-.1495						
.775					-.1703	-.1824				

ARC97-019 IABI LVAPIALLHL SEALED) LEFT WING TOP (RETU42)

ALPHAO(4) = 3.400 BETAO (1) = -4.002

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0834									
.798			-.1273							
.808				-.1341						
.834		-.1009								
.839			-.1130							
.850					-.1636	-.1506	-.1470			
.857				-.1284						
.862									-.1079	
.865		-.0922								
.879			-.1027							
.900		-.0607			-.1428			-.1305		
.905				-.0806						
.919			-.0934							
.950					-.0848	-.1243	-.1381			
.953				-.1146						
.955			-.0741							
.965		.0432								
1.000				-.0910		-.1112		-.1192		

ALPHAO(4) = 3.413 BETAO (2) = .178

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0250	-.0508	.0026	.2866	.7574	.7079	.7333	.7293	.1122	
.010		-.0620	-.0082	.2365	.4[illegible]2	.5461	.5619	.4817		
.020		-.0659	-.0056	.1752	.3843	.4405	.4583	.4403	.0944	
.040			-.0046	.0864						
.041	-.0349									
.050		-.0591			.2124	.2640	.2813	.2910		
.069									.0454	
.080					.0974					
.081				.0093						
.086			.0184							
.094		-.0578								
.113	-.0508									
.150					-.0536	.0178	.0511	.1021		
.157									-.0207	
.163			.0037							
.[illegible]				-.0853						
.229		-.0689								
.246			-.0789							
.2[illegible]	-.0562									

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN2)

ALPHAO(4) = 3.413 BETAO (2) = .178

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1186	-.0733	-.0473	-.0063		
.274				-.1243						
.345									-.0589	
.362		-.0689								
.390			-.1467							
.400					-.1659	-.1378		-.1041		
.402				-.1716						
.418										.0175
.429	-.0847									
.497		-.1214								
.503									-.0854	
.547	-.0768									
.550					-.1854	-.1630				
.565				-.1849						
.600								-.1484		
.637			-.1611							
.638	-.1107									
.650							-.1567			
.670									-.1217	
.700		-.1265				-.1737				
.725					-.1878					
.727	-.1085									
.730										-.0755
.750							-.1813	-.1578		
.760				-.1591						
.775					-.1474	-.1594				
.793	-.0046									
.798			-.1309							
.808				-.1551						
.834		-.0573								
.839			-.1230							
.850					-.1275	-.1478	-.1631			
.857				-.1515						
.862									-.1206	
.865		-.0435								
.879			-.1018							
.900		-.0391			-.1204			-.1440		
.905				-.0897						
.919			-.0663							
.950					-.1140	-.1737	-.1557			
.953				-.1183						
.955			-.0218							
.965		-.0232								
1.000				-.1335		-.1144		-.1359		

ARC97-019 TAB1 (VAPTAILHL SEALED) LEFT WING TOP (RETO42)

ALPHA0(4) = 3.420 BETA0 (3) = 3.721

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8970	.9720	1.0000
X/CM										
.000	-.0319	-.1007	-.0770	.1812	.5952	.5905	.6027	.6102	.0570	
.010		-.1021	-.0719	.1300	.3661	.4405	.4555	.3922		
.020		-.1018	-.0662	.0845	.2765	.3419	.3660	.3563	.0429	
.040			-.0619	.0161						
.041	-.0612									
.050		-.0887			.1325	.1862	.2144	.2226		
.069									.0019	
.080					.0364					
.081				-.0433						
.086			-.0486							
.094		-.0878								
.113	-.0580									
.150					-.0860	-.0217	.0142	.0552		
.157									-.0537	
.163			-.0529							
.177				-.1164						
.229		-.1038								
.246			-.1067							
.247	-.0771									
.250					-.1395	-.0971	-.0725	-.0390		
.274				-.1450						
.345									-.0860	
.362		-.0940								
.390			-.1437							
.400					-.1729	-.1514		-.1205		
.402				-.1744						
.418										-.0235
.429	-.1130									
.497		-.1165								
.503									-.1092	
.547	-.0923									
.550					-.1888	-.1738				
.565				-.1701						
.600								-.1598		
.637			-.1428							
.638	-.1141									
.650							-.1669			
.699									-.1339	
.700		-.1172				-.1825				
.725					-.1640					
.727	-.1078									
.730										-.1529
.750							-.1722	-.1673		
.752				-.112						

ARC97-019 TAB1 CVAP(ALLHL SEALED) LEFT WING TOP (RETU421

ALPHA0(4) = 3.420 BETA0 (3) = 3.721

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0413									
.798			-.1064							
.808				-.0998						
.834		-.0880								
.838			-.0927							
.850					-.1324	-.1279	-.1744			
.857				-.0952						
.862									-.1302	
.865		-.0849								
.879			-.0780							
.900		-.0562			-.1278			-.1644		
.905				-.0603						
.919			-.0840							
.950					-.1193	-.1282	-.1648			
.953				-.0772						
.958			-.0447							
.965		-.0177								
1.000				-.1263		-.1089		-.1154		

ALPHA0(5) = 8.075 BETA0 (1) = .198

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0078	-.0689	-.0129	.3092	.7767	.7230	.7445	.7540	.1421	
.010		-.0830	-.0240	.2340	.4781	.5325	.5300	.4458		
.020		-.0862	-.0200	.1670	.3693	.4202	.4246	.4024	.0873	
.040			-.0154	.0746						
.041	-.0540									
.050		-.0785			.1972	.2441	.2509	.2492		
.069									.0433	
.080					.0842					
.081				-.0028						
.088			.0038							
.094		-.0758								
.113	-.0778									
.150					-.0630	.0035	.0312	.0706		
.157									-.0294	
.163			-.0121							
.177				-.0887						
.229		-.0880								
.248			-.0888							
.247	-.0732									

ARC87-019 TAB: LVAP(ALLHL SEALED) LEFT WING TOP (RETU42)

ALPHAO(5) = 8.075 BETAO (1) = .198

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1275	-.0833	-.0612	-.0279		
.274				-.1332						
.345									-.0712	
.362		-.0769								
.390			-.1531							
.400					-.1715	-.1447		-.1151		
.402				-.1780						
.418										-.0082
.429	-.0810									
.497		-.1274								
.503									-.0959	
.547	-.0823									
.550					-.1885	-.1697				
.565				-.1898						
.600								-.1546		
.637			-.1732							
.638	-.1202									
.650							-.1631			
.670									-.1395	
.700		-.1386				-.1797				
.725					-.1950					
.727	-.1199									
.730										-.1325
.750							-.1687	-.1608		
.760				-.1740						
.775					-.1715	-.1690				
.793	-.0852									
.798			-.1442							
.808				-.1687						
.834		-.1074								
.839			-.1358							
.850					-.1463	-.1697	-.1712			
.857				-.1672						
.862									-.1435	
.865		-.0747								
.879			-.1262							
.900		-.0355			-.1314			-.1539		
.905				-.1015						
.919			-.1065							
.950					-.178	-.1947	-.1627			
.953				-.1503						
.955			-.0731							
.965		-.0184								
1.000				-.1410		-.1517		-.1.41		

DATE 08 OCT 75 IAB1B - PRESSURE SOURCE DATA TABULATION

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETO43)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.550 RN/FT = 2 500
ELV-IB = 8.000 ELV-OB = .000
RUDDER = .000 SPDBRK = .000

ALPHAO(1) = -6.289 BETAO (1) = .408

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1562	-.0051	-.0251	.2064	.4883	.4360	.4061	.4310	-.3657	
.010		-.0154	-.0068	.2952	.5397	.5457	.5467	.5270		
.020		-.0259	.0080	.2722	.4874	.4858	.4907	.5138	-.0849	
.040			.0155	.2184						
.041	-.1338									
.050		-.0299			.3426	.3491	.3547	.3958		
.069									-.1005	
.080					.2100					
.091				.1692						
.086			.0823							
.094		-.0630								
.113	-.1219									
.150					.0318	.0627	.1060	.1742		
.157									-.1575	
.163			.1864							
.177				.0535						
.229		.0158								
.246			.0532							
.247	-.0450									
.250					-.0641	-.0590	-.0350	-.0067		
.274				-..						
.345									-.1854	
.362		.1003								
.390			-.0228							
.400					-.1600	-.1806		-.1885		
.402				-.1503						
.418										-.2810
.429	.0255									
.497		-.0461								
.503									-.2030	
.547	.0301									
.550					-.2084	-.2094				
.565				-.1542						
.600								-.2703		
.637			-.0759							
.638	-.0978									
.650							-.2500			
.670									-.2293	

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN3)

ALPHAO(1) = -6.289 BETAO (1) = .408

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.0716				-.2232				
.725					.0146					
.727	-.0803									
.730										-.1981
.750							-.2335	-.2713		
.760				.0875						
.775					-.1276	-.2029				
.793	.2407									
.798			.0936							
.808				-.1159						
.834		.1098								
.839			-.1232							
.850					-.1118	-.0838	-.2192			
.857				-.1012						
.862									-.1695	
.865		-.1689								
.879			-.1133							
.900		-.0842			-.0567			-.2074		
.905				-.0948						
.919			-.0973							
.950					-.0278	-.0652	-.1634			
.953				-.0872						
.955			-.1087							
.965		-.0812								
1.000				-.3037		-.2114		-.2681		

ALPHAO(2) = -4.227 BETAO (1) = -3.80

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0951	.0386	.0262	.3111	.6634	.6966	.5784	.6021	-.2567	
.010		.0366	.0324	.3766	.5983	.6320	.6316	.5861		
.020		.0317	.0418	.3166	.5210	.5353	.5463	.5601	.0183	
.040			.0445	.2356						
.041	-.0843									
.050		.0212			.3381	.3523	.3713	.4028		
.069									-.0154	
.080					.1868					
.081				.1504						
.094			.0977							
.094		-.0191								
.113	-.0832									

ARC97-019 IA81 LVAP:ALLHE SEALED) LEFT WING TOP (RETUM3)

ALPHAO(2) = -4.227 BETAO (1) = -3.808

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.150					.0091	.0448	.0852	.1475		
.157									-.1188	
.163			.1727							
.177				.0282						
.229		.0204								
.248			.0380							
.247	-.0137									
.250					-.1277	-.1065	-.0695	-.0373		
.274				-.0829						
.345									-.1655	
.362		.0884								
.390			-.0862							
400					-.2213	-.2335		-.2177		
.402				-.1872						
.418										-.3432
.429	.0317									
.437		-.0524								
.503									-.1942	
.547	.0248									
.550					-.2533	-.2715				
.565				-.2159						
.600								-.3001		
.637			-.1868							
.638	-.1010									
.650							-.2985			
.670									-.2987	
.700		-.1358				-.2873				
.725					-.1810					
.727	-.1145									
.730										-.3415
.750							-.2848	-.2955		
.760				-.0060						
.775					-.2365	-.3601				
.793	.1018									
.798			.0398							
.808				-.1338						
.834		.0910								
.839			-.1175							
.850					-.1429	-.2413	-.2748			
.857				-.0832						
.862									-.2218	
.885		-.1687								
.879			-.0819							
.900		-.0659			-.0977			-.2391		
.905				-.0815						

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHAO(2) = -4.227 BETAO (1) = -3.808

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.919			-.0885							
.950					-.0432	-.1404	-.2242			
.953				-.0757						
.955			-.0910							
.955		-.0725								
1.000				-.2858		-.1832		-.2623		

ALPHAO(2) = -4.204 BETAO (2) = .384

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1568	-.0466	-.0391	.2358	.5211	.5068	.4655	.4867	-.3193	
.010		-.0555	-.0233	.2999	.4951	.5479	.5533	.5002		
.020		-.0610	-.0043	.2528	.4386	.4594	.4840	.4831	-.0572	
.040			.0006	.1802						
.041	-.1515									
.050		-.0535			.2879	.2998	.3252	.3472		
.069									-.0854	
.080					.1546					
.081				.1189						
.088			.0647							
.094		-.0867								
.113	-.1508									
.150					-.0137	.0141	.0482	.1217		
.157									-.1625	
.163			.1484							
.177				.0088						
.229		-.0117								
.248			.0229							
.247	-.0748									
.250					-.1081	-.1141	-.0969	-.0402		
.274				-.0701						
.345									-.2003	
.362		.0895								
.390			-.0666							
.400					-.2011	-.2237		-.2241		
.402				-.1808						
.418										-.3767
.429	.0041									
.497		-.0726								
.503									-.2229	
.547	.0084									

ARC97-0:9 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHAO(2) = -4.204 BETAO (2) = .384

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.2445	-.2525				
.565				-.2015						
.600								-.3019		
.637			-.1237							
.638	-.1242									
.650							-.2845			
.670									-.2645	
.700		-.1135				-.2482				
.725					-.0455					
.727	-.1124									
.730										-.1507
.750							-.2702	-.3003		
.760				.0377						
.775					-.1687	-.2849				
.793	.1810									
.798			.0534							
.808				-.1428						
.834		.0659								
.839			-.1499							
.850					-.1476	-.1151	-.2556			
.857				-.1494						
.862									-.2043	
.865		-.1981								
.879			-.1519							
.900		-.1181			-.1337			-.2453		
.905				-.1253						
.919			-.1230							
.950					-.0474	-.0997	-.2124			
.953				-.1063						
.955			-.1273							
.965		-.1135								
1.000				-.3098		-.2105		-.2558		

ALPHAO(2) = -4.169 BETAO (3) = .933

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2085	-.0981	-.0872	.1864	.4272	.4561	.4326	.4826	-.1228	
.010		-.1196	-.0831	.2342	.4230	.5372	.5398	.5083		
.020		-.1275	-.0415	.2108	.3759	.4694	.4801	.4899	-.0528	
.040			-.0284	.1634						
.041	-.2012									

ARC97-019 TA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHAO(2) = -4.169 BETAO (3) = 3.933

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.050		-.1314			.2498	.3256	.3458	.3561		
.069									-.0855	
.080					.1287					
.081				.1079						
.086			.0425							
.094		-.1360								
.113	-.1960									
.150					-.0278	.0533	.1033	.1335		
.157									-.1573	
.163			.1300							
.177				.0027						
.229		-.0266								
.245			.0115							
.247	-.1126									
.250					-.0582	-.0520	-.0402	-.0394		
.274				-.0589						
.345									-.1629	
.362		.0596								
.390			-.0627							
.400					-.1584	-.1632		-.2068		
.402				-.1679						
.418										-.0771
.429	-.0138									
.497		-.0709								
.503									-.1874	
.547	-.0056									
.550					-.1762	-.1985				
.565				-.1059						
.600								-.2811		
.637			.0409							
.638	-.1261									
.650							-.2452			
.670									-.1980	
.700		-.0190				-.2014				
.725					.0565					
.727	-.0568									
.730										-.1112
.750							-.2245	-.2686		
.760				.1040						
.775					-.1119	-.1544				
.793	.2379									
.798			.1138							
.808				-.0368						
.834		.1326								
.839			-.0977							

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHAO(2) = -4.169 BETAO (3) = 3.933

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.850					-.0808	-.0628	-.2125			
.857				-.0811						
.862									-.1298	
.865		-.1558								
.879			-.0915							
.900		-.0666			-.0692			-.1854		
.905				-.0953						
.919			-.0892							
.950					-.0492	-.0220	-.0473			
.953				-.0834						
.955			-.0935							
.965		-.0709								
1.000				-.2018		-.2552		-.2171		

ALPHAO(3) = -2.122 BETAO (1) = .375

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1676	-.0523	-.0721	.2390	.5810	.5493	.5350	.5563	-.2335	
.010		-.0713	-.0554	.2901	.4366	.5451	.5482	.4840		
.020		-.0782	-.0341	.2361	.4361	.4548	.4620	.4508	-.0292	
.040			-.0250	.1569						
.041	-.1127									
.050		-.0684			.2589	.2762	.2850	.2985		
.069									-.0669	
.080					.1157					
.081				.0768						
.086			.0477							
.094		-.1019								
.113	-.1702									
.150					-.0484	-.0130	.0205	.0641		
.157									-.1872	
.163			.1180							
.177				-.0147						
.229		-.0303								
.246			-.0073							
.247	-.0956									
.250					-.1651	-.1513	-.1312	-.0950		
.274				-.1123						
.345									-.2139	
.362		.0440								
.390			-.0998							

ARC97-019 !A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHAO(3) = -2.122 BETAO (1) = .375

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.400					-.2466	-.2717		-.2565		
.402				-.2116						
.418										-.2559
.429	-.0105									
.497		-.0980								
.503									-.2404	
.547	-.0151									
.550					-.2706	-.2975				
.565				-.2406						
.600								-.3325		
.637			-.1850							
.638	-.1531									
.650							-.3204			
.670									-.2821	
.700		-.1554				-.2815				
.725					-.0959					
.727	-.1288									
.730										-.1222
.750							-.3072	-.3305		
.760				-.0026						
.775					-.2046	-.3451				
.793	.1355									
.799			.0329							
.808				-.1558						
.834		.0588								
.839			-.1542							
.850					-.1573	-.1572	-.2955			
.857				-.1571						
.862									-.2339	
.865		-.1974								
.879			-.1678							
.900		-.1459			-.1671			-.2773		
.905				-.1571						
.919			-.1526							
.950					-.0975	-.1386	-.2480			
.953				-.1261						
.955			-.1441							
.965		-.1284								
.100				-.3073		-.2153		-.2682		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHAO(4) = -.030 BETAO (1) = -5.879

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0744	.0716	.0878	.3774	.7725	.7504	.7303	.7400	-.0271	
.010		.0489	.0476	.3728	.5571	.6290	.6284	.5372		
.020		.0203	.0427	.2857	.4691	.5049	.5130	.4857	.0842	
.040			.0434	.1841						
.041	-.0228									
.050		.0328			.2643	.2915	.3058	.3006		
.069									.0118	
.080					.0995					
.081				.0676						
.086			.0789							
.094		-.0078								
.113	-.0652									
.150					-.1007	-.0477	.0083	.0542		
.157									-.1153	
.163			.1245							
.177				-.0488						
.229		-.0207								
.246			-.0170							
.247	-.0412									
.250					-.1920	-.1880	-.1551	-.1195		
.274				-.1606						
.345									-.1880	
.362		.0552								
.390			-.1299							
.400					-.3033	-.3006		-.2836		
.402				-.2479						
.418										-.0640
.429	.0062									
.497		-.0890								
.503									-.2338	
.547	.0058									
.550					-.3233	-.3442				
.585				-.2697						
.600								-.3486		
.637			-.2198							
.638	-.1405									
.650							-.3504			
.670									-.2960	
.700		-.1767				-.3455				
.725					-.2891					
.727	-.1425									
.730										-.0884
.750							-.3504	-.3413		
.760				-.1544						
.775					-.3575	-.4151				

ARC97-019 (A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETURN)

ALPHA0(4) = -.030 BETA0 (1) = -5.879

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.783	-.1274									
.798			-.0950							
.808				-.2225						
.834		-.0355								
.839			-.1762							
.850					-.2643	-.3429	-.3378			
.857				-.1515						
.862									-.2914	
.865		-.1932								
.879			-.1074							
.900		-.0738			-.1827			-.2751		
.905				-.1301						
.919			-.0998							
.950					-.1511	-.3784	-.2939			
.953				-.1024						
.955			-.0845							
.965		-.0767								
1.000				-.2635		-.2687		-.2428		

ALPHA0(4) = -.027 BETA0 (2) = -3.845

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1000	.0264	.0187	.3425	.7268	.7105	.6852	.6962	-.0533	
.010		.0202	.0089	.3373	.5247	.6046	.5961	.5073		
.020		.0071	.0125	.2604	.4426	.4884	.4871	.4587	.0571	
.040			.0151	.1642						
.041	-.0880									
.050		.0081			.2429	.2787	.2860	.2769		
.069									-.0088	
.080					.0879					
.081				.0574						
.086			.0899							
.094		-.0443								
.113	-.1079									
.150					-.0995	-.0525	-.0032	.0413		
.157									-.1321	
.163			.1086							
.177				-.0422						
.229		-.0362								
.246			-.0281							
.247	-.0897									

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN3)

ALPHA0(4) = -.027 BETA0 (2) = -3.845

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5540	.6730	.7800	.8870	.8720	1.0000
X/CW										
.250					-.1694	-.1845	-.1554	-.1324		
.274				-.1628						
.345									-.1987	
.362		.2433								
.390			-.1400							
.400					-.3044	-.2997		-.2861		
.402				-.2572						
.418										-.0920
.429	-.0124									
.497		-.1019								
.503									-.2440	
.547	-.0176									
.550					-.3258	-.3443				
.565				-.2669						
.600								-.3503		
.637			-.2224							
.638	-.1447									
.650							-.3584			
.670									-.3107	
.700		-.1824				-.3485				
.725					-.2874					
.727	-.1512									
.730										-.0949
.750							-.3520	-.3415		
.760				-.1205						
.775					-.3439	-.4168				
.793	-.1004									
.798			-.0725							
.808				-.2028						
.834		-.0100								
.839			-.1731							
.850					-.2411	-.3388	-.3388			
.857				-.1756						
.862									-.2789	
.865		-.1977								
.879			-.1413							
.900		-.1150			-.1978			-.2871		
.905				-.1440						
.919			-.1235							
.950					-.1500	-.3119	-.2567			
.953				-.1167						
.955			-.1167							
.965		-.1006								
1.000				-.2790		-.2566		-.2542		

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU431

ALPHAO(41 = -.027 BETAO (21 = -3.845

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1894	-.1845	-.1554	-.1324		
.274				-.1626						
.345									-.1987	
.362		.0433								
.390			-.1400							
.400					-.3044	-.2997		-.2861		
.402				-.2572						
.418										-.0920
.429	-.0124									
.497		-.1019								
.503									-.2440	
.547	-.0176									
.550					-.3256	-.3443				
.565				-.2669						
.600								-.3503		
.637			-.2224							
.638	-.1447									
.650							-.3584			
.670									-.3107	
.700		-.1824				-.3485				
.725					-.2874					
.727	-.1512									
.730										-.0949
.750							-.3520	-.3415		
.760				-.1205						
.775					-.3439	-.4168				
.793	-.1004									
.798			-.0725							
.808				-.2028						
.834		-.0100								
.839			-.1731							
.850					-.2411	-.3388	-.3388			
.857				-.1756						
.862									-.2189	
.865		-.1977								
.879			-.1413							
.900		-.1150			-.1978			-.2871		
.905				-.1440						
.919			-.1235							
[illegible]					-.1500	-.3119	-.2967			
.943				-.1167						
[illegible]			-.1127							
[illegible]		-.1006								
[illegible]				[illegible]		-.2566		-.2542		

ARC97-019 (AB) LVAP(ALLHL SEALED) LEFT WING TOP (RETJ431)

ALPHAO(4) = -.030 BETAO (1) = -5.879

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8670	.9720	1.0000
X/CM										
.793	-.1274									
.798			-.0950							
.808				-.2225						
.834		-.0355								
.839			-.1762							
.850					-.2643	-.3429	-.3378			
.857				-.1515						
.862									-.2914	
.865		-.1932								
.879			-.1074							
.900		-.0738			-.1827			-.2751		
.905				-.1301						
.919			-.0988							
.950					-.1511	-.3784	-.2939			
.953				-.1024						
.955			-.0845							
.965		-.0767								
1.000				-.2635		-.2687		-.2428		

ALPHAO(4) = -.027 BETAO (2) = -3.845

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.000	-.1000	.0264	.0187	.3425	.7268	.7105	.6852	.6962	-.0533	
.010		.0202	.0089	.3373	.5247	.6046	.5961	.5073		
.020		.0071	.0125	.2604	.4426	.4884	.4871	.4587	.0571	
.040			.0151	.1642						
.041	-.0880									
.050		.0081			.2429	.2787	.2880	.2789		
.060									-.0086	
.080					.0879					
.081				.0574						
.086			.0899							
.094		-.0443								
.113	-.1079									
.150					-.0995	-.0525	-.0032	.0413		
.157									-.1321	
.163			.1086							
.177				-.0422						
.229		-.0362								
.246			-.0261							
.247	-.0897									

AMC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETYA3)

ALPHAO(4) = -.030 BETAO (3) = -1 739

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1440	.0427	-.0451	.3096	.6702	.6681	.6453	.6475	-.0904	
.010		.0036	-.0402	.3035	.4947	.5733	.5656	.4735		
.020		-.0189	-.0172	.2328	.4182	.4608	.4601	.4264	.0154	
.040			-.0059	.1454						
.041	-.1417									
.050		-.0352			.2316	.2648	.2663	.2608		
.069									-.0376	
.080					.0836					
.081				.0507						
.086			.0520							
.094		-.0803								
.113	-.1362									
.150					-.0911	-.0523	-.0111	.0312		
.157									-.1552	
163			.0931							
.177				-.0491						
.229		-.0502								
.246			-.0308							
.247	-.0867									
.250					-.1854	-.1856	-.1617	-.1376		
.274				-.1635						
.345									-.2103	
.362		.0270								
390			-.1345							
.400					-.2458	- 019		-.2928		
402				-.2514						
418										-.1097
429	-.0222									
497		-.1126								
.503									-.1440	
.517	-.0254									
550					- 3102	-.3350				
565				- 2676						
600								-.3539		
637			-.2203							
638	- 1541									
650							-.3598			
670									-.298	
700		-.1803				-.3410				
25					-.2434					
727	-.1518									
30										-.1542
750							-.3504	-.3437		
760				- 2910						
775					- 3010	-.4065				

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHAO(4) = -.030 BETAO (3) = -1.739

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0551									
.798			-.0409							
.808				-.1836						
.834		.0145								
.839			-.1604							
.850					-.2216	-.3142	-.3334			
.857				-.1680						
.862									-.2699	
.865		-.1969								
.879			-.1497							
.900		-.1257			-.2053			-.2791		
.905				-.1455						
.919			-.1377							
.950					-.1454	-.2376	-.2940			
.953				-.1186						
.955			-.1283							
.965		-.1214								
1.000				-.2857		-.2149		-.2695		

ALPHAO(4) = -.019 BETAO (4) = .351

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1818	-.0667	-.0974	.2563	.6191	.6159	.5975	.6059	-.1184	
.010		-.0836	-.0894	.2678	.4575	.5315	.5307	.4337		
.020		-.0868	-.0690	.2090	.3847	.4288	.4327	.3977	-.0163	
.040			-.0551	.1307						
.041	-.1727									
.050		-.0788			.2098	.2415	.2402	.2362		
.069									-.0680	
.080					.0677					
.081				.0477						
.098			.0345							
.094		-.1136								
.113	-.1749									
.150					-.0919	-.0819	-.0265	.0092		
.157									-.1723	
.183			.0804							
.177				-.0428						
.229		-.0566								
.248			-.0387							
.247	-.1242									

ARC97-018 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHAO(4) = -.019 BETAO (4) = .351

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2890	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1793	-.1880	-.1771	-.1533		
.274				-.1568						
.345									-.2224	
.362		.0256								
.390			-.1324							
.400					-.2812	-.3050		-.2989		
.402				-.2375						
.418										-.0535
.429	-.0270									
.497		-.1162								
.503									-.2485	
.547	-.0339									
.550					-.3029	-.3446				
.565				-.2656						
.600								-.3569		
.637			-.2187							
.638	-.1662									
.650							-.3588			
.670									-.2835	
.700		-.1785				-.3301				
.725					-.1528					
.727	-.1532									
.730										-.2963
.750							-.3377	-.3494		
.760				-.0601						
.775					-.2470	-.3872				
.793	.0571									
.799			-.0060							
.808				-.1752						
.834		.0344								
.839			-.1860							
.850					-.2192	-.1921	-.3313			
.857				-.1710						
.862									-.2809	
.865		-.2069								
.879			-.1715							
.900		-.1514			-.2052			-.2796		
.905				-.1684						
.910			-.1695							
.950					-.1977	-.1747	-.2932			
.953				-.1491						
.955			-.1614							
.965		-.1509								
[illegible]				-.3071		-.2280		-.2799		

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHAO(4) = -.003 BETAO (5) = 2.455

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2190	-.0949	-.1341	.2643	.5837	.5490	.5469	.6581	-.0424	
.010		-.1182	-.1009	.2630	.4297	.4806	.4857	.4909		
.020		-.1280	-.0707	.2057	.3628	.3847	.3875	.4498	.0336	
.040			-.0565	.1271						
.041	-.2092									
.050		-.1231			.1983	.2083	.2094	.2794		
.069									-.0241	
.080					.0592					
.081				.0462						
.086			.0185							
.094		-.1484								
.113	-.1937									
.150					-.1000	-.0785	-.0497	.0482		
.157									-.1373	
.163			.0884							
.177				-.0535						
.229		-.0467								
.248			-.0338							
.247	-.1581									
.250					-.1518	-.1911	-.1886	-.1108		
.274				-.1441						
.345									-.1784	
.362		.0268								
.390			-.1264							
.400					-.2720	-.3080		-.2771		
.402				-.2318						
.418										.0355
.429	-.0263									
.497		-.1071								
.503									-.2018	
.547	-.0357									
.550					-.2918	-.3380				
.565				-.2541						
.600								-.3392		
.637			-.1847							
.638	-.1532									
.650							-.3301			
.670									-.2857	
.700		-.1510				-.2814				
.725					-.1175					
.727	-.1367									
.730										-.3287
.750							-.3132	-.3259		
.760				-.0155						
.775					-.2252	-.2932				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHAO(4) = -.003 BETAO (5) = 2.455

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.1286									
.798			.0111							
.808				-.1741						
.834		.0343								
.839			-.1744							
.850					-.2070	-.1182	-.3014			
.857				-.1824						
.862									-.2759	
.865		-.2107								
.879			-.1885							
.900		-.1626			-.1809			-.2273		
.905				-.1878						
.919			-.1824							
.950					-.1013	-.1169	-.2458			
.953				-.1537						
.955			-.1631							
.965		-.1558								
1.000				-.2753		-.2049		-.2678		

ALPHAO(4) = .009 BETAO (6) = 3.897

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2452	-.1199	-.1289	.2421	.5816	.6551	.6101	.6066	.0041	
.010		-.1519	-.0850	.2335	.1046	.5232	.4845	.4063		
.020		-.1561	-.0586	.1792	.3567	.4211	.3906	.3560	-.0014	
.040			-.0479	.1154						
.041	-.2335									
.050		-.1616			.2716	.2348	.2131	.2018		
.069									-.0628	
.080					.1299					
.081				.0462						
.086			.0124							
.094		-.1711								
.113	-.2254									
.150					-.0358	-.0573	-.0281	-.0003		
.157									-.1716	
.163			.0334							
.177				-.0501						
.229		-.0556								
.246			-.0347							
.247	-.1714									

ARC97-019 TAB1 LVAP(ALL HL SEALED) LEFT WING TOP (RETU43)

ALPHA0(4) = .009 BETA0 (6) = 3.897

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1615	-.1754	-.1586	-.1556		
.274				-.0949						
.345									-.2216	
.362		.0278								
.390			-.1063							
.400					-.2371	-.2690		-.3023		
.402				-.1861						
.418										-.0770
.429	-.0311									
.497		-.0993								
.503									-.2573	
.547	-.0272									
.550					-.2482	-.2888				
.565				-.1877						
.600								-.3577		
.637			-.0070							
.638	-.1412									
.650							-.3421			
.670									-.3092	
.700		-.0021				-.2760				
.725					-.0450					
.727	-.0302									
.730										-.3579
.750							-.3229	-.3444		
.760				.0608						
.775					-.1663	-.2423				
.793	.1941									
.798			.0704							
.808				-.1319						
.834		.0831								
.839			-.1289							
.850					-.1452	-.1445	-.2971			
.857				-.1371						
.862									-.2968	
.865		-.1847								
.879			-.1412							
.900		-.1128			-.1353			-.2651		
.905				-.1457						
.919			-.1357							
.950					-.1037	-.1123	-.2311			
.953				-.1221						
.955			-.1286							
.965		-.1113								
1.000				-.2434		-.2801		-.2878		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHAO(4) = .019 BETAO (7) = 6.597

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2348	-.1684	-.0211	.3193	.6023	.5684	.5073	.5495	-.0095	
.010		-.2001	.0101	.2917	.4369	.4694	.4338	.3864		
.020		-.2014	.0285	.2478	.3685	.3768	.3473	.3420	-.0398	
.040			.0515	.1800						
.041	-.2478									
.050		-.1953			.2192	.1972	.1781	.1974		
.069									-.0932	
.080					.0940					
.081				.1062						
.086			.0832							
.094		-.1957								
.113	-.2458									
.150					-.0643	-.0691	-.0498	.0004		
.157									-.1893	
.163			.1553							
.177				-.0036						
.229		.0144								
.246			.0388							
.247	-.1823									
.250					-.1429	-.1698	-.1749	-.1573		
.274				-.0717						
.345									-.2124	
.362		.1154								
.390			-.0575							
.400					-.2107	-.2623		-.3042		
.402				-.1793						
.418										-.0856
.429	.0940									
.497		-.0387								
.503									-.2329	
.547	.0423									
.550					-.2348	-.2835				
.565				-.1562						
.600								-.3550		
.637			-.1208							
.638	-.0825									
.650							-.3218			
.671									-.3017	
.700		-.0989				-.2708				
.725					-.0449					
.727	-.0831									
.730										-.3987
.750							-.3001	-.3384		
.761				.0598						
.775					-.1512	-.2604				

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ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHAO(4) = .019 BETAO (7) = 6.597

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.1457									
.798			.0750							
.808				-.1228						
.834		.0866								
.839			-.1286							
.850					-.1267	-.1130	-.2769			
.857				-.1405						
.862									-.2854	
.865		-.1847								
.879			-.1489							
.900		-.1222			-.1311			-.2428		
.905				-.1627						
.919			-.1550							
.950					-.1193	-.0691	-.2179			
.953				-.1547						
.955			-.1611							
.965		-.1437								
1.000				-.1746		-.2740		-.2965		

ALPHAO(5) = 2.072 BETAO (1) = .352

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1447	-.0857	-.1137	.3133	.6598	.6660	.6391	.6367	.0348	
.010		-.1026	-.1059	.2598	.4142	.5005	.4879	.3881		
.020		-.1062	-.0866	.1779	.3302	.3863	.3777	.3379	-.0177	
.040			-.0747	.0976						
.041	-.1318									
.050		-.0835			.1517	.1868	.1823	.1650		
.069									-.0741	
.080					.0145					
.081				-.0031						
.086			.0000							
.094		-.1258								
.113	-.1898									
.150					-.1613	-.1178	-.0831	-.0485		
.157									-.1837	
.163			.0521							
.177				-.1008						
.229		-.0959								
.246			-.0621							
.247	-.1498									

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHA0(5) = 2.072 BETA0 (1) = .352

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2272	-.2417	-.2240	-.1994		
.274				-.1884						
.345									-.2156	
.362		.0088								
.390			-.1601							
.400					-.3240	-.3394		-.3431		
.402				-.2730						
.418										-.0861
.429	-.0433									
.497		-.1284								
.503									-.2453	
.547	-.0430									
.550					-.3383	-.3790				
.565				-.2842						
.600								-.3857		
.637			-.2419							
.638	-.1742									
.650							-.3945			
.670									-.3689	
.700		-.2016				-.3745				
.725					-.2428					
.727	-.1752									
.730										-.4542
.750							-.3824	-.3740		
.760				-.1257						
.775					-.3097	-.4259				
.793	-.0868									
.798			-.0708							
.808				-.0048						
.834		-.0104								
.838			-.1845							
.850					-.2432	-.2825	-.3668			
.857				-.1900						
.862									-.3685	
.865		-.2110								
.879			-.1717							
.900		-.1421			-.2320			-.2719		
.905				-.1724						
.919			-.1659							
.950					-.1820	-.2375	-.3234			
.953				-.1534						
.955			-.1610							
.865		-.1509								
1.000				-.3095		-.2342		-.3118		

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHA0(6) = 3.555 BETA0 (1) = -3.814

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0778	-.0128	-.0128	.3735	.7522	.7618	.7461	.7505	.1697	
.010		-.0378	-.0379	.2865	.4135	.5155	.4926	.3930		
.020		-.0468	-.0405	.1781	.3211	.3826	.3687	.3269	.0237	
.040			-.0357	.0662						
.041	-.0511									
.050		-.0303			.1183	.1636	.1598	.1499		
.069									-.0324	
.080					-.0307					
.081				-.0582						
.088			.0104							
.094		-.0634								
.113	-.1395									
.150					-.2256	-.1633	-.1160	-.0798		
.157									-.1708	
.163			.0133							
.177				-.1709						
.229		-.0758								
.246			-.1098							
.247	-.0987									
.250					-.3093	-.2897	-.2541	-.2268		
.274				-.2192						
.345									-.2341	
.362		-.0211								
.390			-.1945							
.400					-.3460	-.3869		-.3591		
.402				-.3167						
.418										-.1680
.429	-.0572									
.497		-.1378								
.503									-.3125	
.547	-.0527									
.550					-.3931	-.4207				
.565				-.3122						
.600								-.4024		
.637			-.2847							
.638	-.1778									
.650							-.4288			
.670									-.4391	
.700		-.2248				-.4185				
.725					-.3434					
.727	-.1958									
.730										-.4875
.750							-.4174	-.3669		
.760				-.2205						
.775					-.3931	-.4638				

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHAO(6) = 3.555 BETAO (1) = -3.814

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1778									
.798			-.1729							
.808				-.2865						
.834		-.1132								
.839			-.2567							
.850					-.3262	-.4236	-.3970			
.857				-.2607						
.862									-.5086	
.865		-.2495								
.879			-.2218							
.900		-.1636			-.2702			-.3162		
.905				-.2247						
.919			-.1720							
.950					-.2192	-.4670	-.3456			
.953				-.1818						
.955			-.1410							
.965		-.1337								
1.000				-.2855		-.3077		-.3255		

ALPHAO(6) = 3.560 BETAO (2) = .365

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1468	-.0867	-.1208	.2790	.6785	.6943	.6819	.6753	.0823	
.010		-.0999	-.1272	.1776	.3439	.4468	.4278	.3099		
.020		-.1082	-.1154	.0974	[illegible]	.3224	.3115	.2481	-.0593	
.040			-.1007	.0247						
.041	-.1365									
.050		-.0999			.0829	.1215	.1145	.0915		
.069									-.1056	
.080					-.0491					
.081				-.0634						
.086			-.0662							
.094		-.1318								
.113	-.2059									
.150					-.2367	-.1756	-.1434	-.1151		
.157									-.2224	
.163			.0115							
.177				-.1429						
.229		-.1218								
.246			-.0905							
.2[illegible]	-.1461									

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ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHA0(6) = 3.560 BETA0 (2) = .365

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2851	-.2929	-.2709	-.2511		
.274				-.2168						
.345									-.2910	
.362		-.0138								
.390			-.1867							
.400					-.3486	-.3860		-.3738		
.402				-.2997						
.418										-.2964
.429	-.0600									
.497		-.1409								
.503									-.3379	
.547	-.0500									
.550					-.3717	-.4128				
.565				-.3016						
.600								-.4120		
.637			-.2631							
.638	-.1905									
.650							-.4302			
.670									-.4402	
.700		-.2231				-.4089				
.725					-.2994					
.727	-.1940									
.730										-.5156
.750							-.4178	-.3862		
.760				-.1702						
.775					-.3488	-.4552				
.793	-.1204									
.798			-.1247							
.808				-.2464						
.834		-.0487								
.839			-.2246							
.850					-.2798	-.3701	-.3991			
.857				-.2311						
.862									-.5198	
.865		-.2240								
.879			-.2001							
.900		-.1587			-.2621			-.3267		
.905				-.2029						
.919			-.1704							
.950					-.2185	-.2951	-.3458			
.953				-.1855						
.955			-.1490							
965		-.1534								
1.000				-.3020		-.2434		-.3502		

DATE 28 OCT 75 TABLE - PRESSURE SOURCE DATA TABULATION (RETU431)

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP

ALPHA0(6) = 3.578 BETA0 (3) = 3.907

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2248	-.1535	-.2642	.2475	.7226	.6803	.6662	.6186	.0368	
.010		-.1847	-.2463	.1551	.3257	.3774	.3531	.2318		
.020		-.1799	-.1963	.0914	.2356	.2586	.2368	.1802	-.1006	
.040			-.1631	.0250						
.041	-.1928									
.050		-.1752			.0875	.0789	.0611	.0358		
.069									-.1393	
.080					-.0430					
.081				-.0547						
.086			-.0480							
.094		-.1854								
.113	-.2529									
.150					-.2058	-.1898	-.1654	-.1427		
.157									-.2369	
.163			.0253							
.177				-.0814						
.229		-.0925								
.246			-.0630							
.247	-.1847									
.250					-.2458	-.2914	-.2803	-.2819		
.274				-.1710						
.345									-.2977	
.362		.0071								
.390			-.1162							
.400					-.3222	-.3749		-.3733		
.402				-.2548						
.418										-.3489
.429	-.0401									
.497		-.1177								
.503									-.3523	
.547	-.0413									
.550					-.3340	-.431				
.555				-.2487						
.600								-.4091		
.637			-.1669							
.638	-.1388						-.4191			
.650									-.4492	
.670						-.3738				
.700		-.1402			-.1462					
.725										
.727	-.1162									-.5260
.730							-.4077	-.3878		
.750				-.0279						
.780					-.2509	-.3780				
.795										

ARC97-019 TAB1 (VAP/ALLHL SEALED) LEFT WING TOP (RETUN3)

ALPHA0(6) = 3.578 BETA0 (3) = 3.907

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.1137									
.798			.0138							
.808				-.1553						
.834		.0595								
.839			-.1465							
.850					-.2111	-.1927	-.3860			
.857				-.1544						
.862									-.5229	
.865		-.1921								
.879			-.1491							
.900		-.1135			-.1843			-.3260		
.905				-.1557						
.919			-.1462							
.950					-.1446	-.1565	-.3244			
.953				-.1439						
.955			-.1395							
.965		-.1354								
1.000				-.1818		-.2320		-.3574		

ALPHA0(7) = 6.256 BETA0 (1) = .389

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1770	-.0490	-.1381	.2607	.7190	.7201	.6925	.6509	.0038	
.010		-.1034	-.1515	.1181	.2774	.3608	.3177	.1775		
.020		-.1153	-.1368	.0295	.1718	.2339	.2013	.1211	-.1793	
.040			-.1256	-.0683						
.041	-.1551									
.050		-.1211			.0112	.0343	.0185	-.0292		
.069									-.2055	
.080					-.1169					
.081				-.1453						
.086			-.0930							
.094		-.1322								
.113	-.2159									
.150					-.2785	-.2380	-.2121	-.1995		
.157									-.2933	
.163			-.0527							
.177				-.1999						
.229		-.1283								
.246			-.1304							
.247	-.1133									

ARC87-019 IA8(LVAP(ALLHL SEALED) LEFT WING TOP (RETU43)

ALPHAO(7) = 6.258 BETAO (1) = .389

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.250					-.3506	-.3410	-.3230	-.3094		
.274				-.2497						
.345									-.3752	
.352		-.0348								
.390			-.2068							
.400					-.3771	-.4217		-.4097		
.402				-.3280						
.418										-.4082
.429	-.0744									
.497		-.1583								
.503									-.4238	
.547	-.0884									
.550					-.4078	-.4520				
.565				-.3245						
.600								-.4400		
.637			-.2829							
.638	-.2098									
.650							-.4605			
.670									-.5343	
.700		-.2442				-.4437				
.725					-.3294					
.727	-.2098									
.730										-.5375
.750							-.4507	-.4229		
.760				-.2107						
.775					-.3	-.4708				
.793	-.1725									
.798			-.1621							
.808				-.2823						
.834		-.0661								
.839			-.2548							
.850					-.3022	-.432	-.4272			
.857				-.2708						
.862									-.5301	
.866		-.2238								
.879			-.2273							
.900		-.1708			-.2921			-.3789		
.905				-.2500						
.919			-.1928							
.950					-.2993	-.3506	-.3965			
.953				-.1969						
.956			-.15 6							
.95		-.1674								
1.000				-.2937		-.2598		-.3785		

ARC97-018 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU44) (12 OCT 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 978.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.000 RN/FT = 2.500
ELV-IB = 8.000 ELV-OB = .000
RUDDER = .000 SPDBRK = .000

ALPHAO(1) = -6.299 BETAO (1) = .071

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0107	-.0148	-.0013	.2512	.5755	.5813	.5457	.5553	-.1624	
.010		-.0056	.0030	.2938	.5356	.5577	.6078	.5638		
.020		-.0119	.0131	.2616	.4768	.4740	.5441	.5432	.0278	
.040			.0179	.1985						
.041	.0294									
.050		-.0099			.3343	.3332	.3942	.4178		
.069									.0057	
.080					.2143					
.081				.1361						
.086			.0785							
.094		-.0226								
.113	.0183									
.150					.0657	.1039	.1587	.2142		
.157									-.0493	
.163			.1433							
.177				.0591						
229		.0031								
.246			.0590							
.247	-.0312									
.250					-.0066	.0028	.0211	.0838		
.274				.0039						
.345									-.0803	
.362		.0850								
.390			-.0156							
.400					-.1060	-.0860		-.0838		
.402				-.0868						
.418										-.2368
.429	.0358									
.497		-.0081								
.503									-.0981	
.547	.0455									
.550					-.1298	-.1324				
.565				-.1105						
.600								-.1507		
.637			-.0892							
.638	-.0430									
.650							-.1439			
.670									-.1231	

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU44)

ALPHAO(1) = -6.299 BETAO (1) = .071

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.0545				-.1392				
.725					-.1205					
.727	-.0407									
.730										-.2585
.750							-.1368	-.1589		
.760				.0087						
.775					-.1575	-.1947				
.793	.1529									
.798			.0394							
.808				-.0810						
.834		.0932								
.839			-.0592							
.850					-.1102	-.1746	-.1352			
.857				-.0810						
.862									-.1027	
.865		-.0755								
.879			-.0706							
.900		-.0331			-.0886			-.1257		
.905				-.0719						
.919			-.0596							
.950					-.0648	-.1353	-.1056			
.953				-.0599						
.955			-.0638							
.965		-.0364								
1.000				-.1594		-.1039		-.1930		

ALPHAO(2) = -4.258 BETAO (1) = -4.33

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.008	.0510	-.0099	.0540	.3426	.7496	.7084	.6886	.7271	-.0560	
.010		.0130	.0537	.3448	.6067	.6648	.6716	.6370		
.020		.0088	.0599	.2824	.5242	.5701	.58[illegible]	.6063	.1187	
.040			.0660	.1987						
.041	.0573									
.050		.0078			3409	.3865	.4106	.4443		
.069									.0738	
.080					.1987					
.091				.1150						
.096			.1109							
094		-.0064								
.113	.0432									

ARC97-019 TA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU44)

ALPHAO(2) = -4.258 BETAO (1) = -4.163

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.150					.0106	.0882	.1478	.2229		
.157									-.0047	
.163			.1248							
.177				.0040						
.229		.0324								
.246			.0287							
.247	-.0093									
.250					-.0754	-.0365	.0063	.0619		
.274				-.0467						
.345									-.0534	
.362		.0662								
.390			-.0503							
.400					-.1421	-.1407		-.0926		
.402				-.1291						
.418										-.1283
.429	.0379									
.497		-.0287								
.503									-.0801	
.547	.0288									
.550					-.1755	-.1787				
.565				-.1395						
.600								-.1631		
.637			-.1126							
.638	-.0525									
.650							-.1743			
.670									-.1301	
.700		-.0773				-.1807				
.725					-.1583					
.727	-.0590									
.730										-.1483
.750							-.1686	-.1713		
.760				-.0668						
.775					-.2019	-.1998				
.793	.0268									
.798			-.0191							
.808				-.1317						
.834		.0278								
.839			-.0918							
.850					-.1970	-.1940	-.1657			
.857				-.1119						
.862									-.1138	
.865		-.0904								
.879			-.0950							
.900		-.0513			-.1271			-.1447		
.905				-.0907						

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN4)

ALPHAO(2) = -4.258 BETAO (1) = -4.163

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.919			-.0701							
.950					-.0760	-.2180	-.1416			
.953				-.0787						
.955			-.0525							
.965		-.0264								
1.000				-.1127		-.1348		-.1548		

ALPHAO(2) = -4.231 BETAO (2) = .037

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0100	-.0348	-.0074	.2181	.5618	.6024	.5628	.5843	-.1283	
.010		-.0273	-.0090	.2515	.4625	.5866	.5811	.5378		
.020		-.0338	-.0048	.2174	.4024	.5012	.5117	.5100	.0386	
.040			.0008	.1486						
.041	.0035									
.050		-.0348			.2720	.3358	.3600	.3759		
.069									.0080	
.080					.1578					
.081				.0872						
.086			.0447							
.094		-.0450								
.113	-.0018									
.150					.0179	.0573	.1205	.1722		
.157									-.0549	
.163			.0931							
.177				.0069						
.229		-.0297								
.246			.0226							
.247	-.0509									
.250					-.0444	-.0472	-.0079	.0296		
.274				-.0399						
.345									-.0318	
.362		.0475								
.390			-.0522							
.400					-.1283	-.1326		.1098		
.402				-.1149						
.418										-.1972
.429	.0015									
.497		-.0359								
.503									-.1109	
.547	.0162									

ARC97-019 !AB1 LVAP(ALUHL SEALED) LEFT WING TOP (RETU44)

ALPHAO(2) = -4.231 BETAO (2) = .037

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.1528	-.1573				
.565				-.1311						
.600								-.1738		
.637			-.1124							
.638	-.0653									
.650							-.1702			
.670									-.1481	
.700		-.0799				-.1708				
.725					-.1454					
.727	-.0679									
.730										-.2146
.750							-.1628	-.1824		
.760				-.0252						
775					-.1748	-.2034				
.793	.1062									
.798			-.0022							
.808				-.1084						
.834		.0498								
.839			-.0886							
.850					-.1364	-.1836	-.1612			
.857				-.1097						
.862									-.1267	
.865		-.1032								
.879			-.0854							
.900		-.0596			-.1097			-.1545		
.905				-.0958						
.919			-.0821							
.950					-.0833	-.1761	-.1383			
.953				-.0888						
.955			-.0789							
.965		-.0822								
1.000				-.1683		-.1271		-.1919		

ALPHAO(2) = -4.258 BETAO (3) = 3.599

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0459	-.0819	-.0502	.2059	.5038	.4189	.3871	.4373	-.1918	
.010		-.0858	-.0502	.2306	.4505	.4392	.4208	.4154		
.020		-.0721	-.0411	.2007	.3982	.3838	.3717	.3972	- 0371	
.040			-.0350	.1485						
.041	-.0371									

ARC97-019 (A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETO44)

ALPHA0(2) = -4.258 BETA0 (3) = 3.599

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.050		-.0721			.2617	.2634	.2620	.2945		
.069									-.0535	
.080					.1524					
.081				.0979						
.086			.0235							
.094		-.0728								
.113	-.0420									
.150					.0274	.0525	.0834	.1275		
.157									-.1018	
.163			.1062							
.177				.0197						
.229		-.0334								
.246			.0322							
.247	-.0891									
.250					-.0460	-.0363	-.0139	.0086		
.274				-.0260						
.345									-.1268	
.362		.0535								
.390			-.0376							
.400					-.1280	-.1234		-.1119		
.402				-.1042						
.418										-.2414
.429	.0067									
.497		-.0292								
.503									-.1386	
.547	.0149									
.550					-.1469	-.1578				
.565				-.1302						
.600								-.1706		
.637			-.1038							
.638	-.0564									
.650							-.1630			
.670									-.1580	
.700		-.0787				-.1636				
.725					-.1370					
.727	-.0685									
.730										-.2437
.750							-.1549	-.1797		
.760				-.0157						
.778					-.1655	-.2145				
.793	.0983									
.798			[illegible]							
.808				-.0658						
.834		.0551								
.839			-.0311							

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ARC97-019 IA81 EVAP(ALLHL SEALED) LEFT WING TOP (RETU44)

ALPHAO(2) = -4.258 BETAO (3) = 3.599

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.850					-.1242	-.1704	-.1530			
.857				-.1010						
.862									-.1350	
.865		-.1016								
.879			-.1012							
.900		-.0685			-.1101			-.1522		
.905				-.0977						
.919			-.0940							
.950					-.0928	-.1205	-.1257			
.953				-.0928						
.955			-.1051							
.965		-.0806								
1.000				-.1897		-.1639		-.1334		

ALPHAO(3) = -2.161 BETAO (1) = .037

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0323	-.0545	-.0197	.1891	.6355	.6000	.5971	.6129	-.0865	
.010		-.0483	-.0229	.1992	.4478	.5497	.5609	.5166		
.020		-.0558	-.0168	.1561	.3689	.4608	.4781	.4882	.0430	
.040			-.0116	.0889						
.041	-.0268									
.050		-.0555			.2104	.2996	.3211	.3383		
.069									.0111	
.080					.0986					
.081				.0341						
.086			.0193							
.094		-.0641								
.113	-.0261									
.150					-.0411	.0290	.0842	.1401		
.157									-.0639	
.163			.0430							
.177				-.0271						
.229		-.0542								
.248			-.0187							
.247	-.0892									
.250					-.0972	-.0834	-.0404	.0003		
.274				-.0873						
.345									-.1048	
.362		.0094								
.390			-.0813							

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU44)

ALPHAO(3) = -2.161 BETAO (1) = .037

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.400					-.1540	-.1669		-.1374		
.402				-.1384						
.418										-.1415
.429	-.0326									
.497		-.0621								
.503									-.1263	
.547	-.0104									
.550					-.1831	-.1893				
.565				-.1529						
.600								-.1971		
.637			-.1326							
.638	-.0853									
.650							-.2003			
.670									-.1674	
.700		-.1005				-.1935				
.725					-.1636					
.727	-.0862									
.730										-.1645
.750							-.1923	-.2057		
.760				-.0605						
.775					-.1931	-.2103				
.793	.0612									
.798			-.0417							
.808				-.1332						
.834		.0189								
.839			-.1180							
.850					-.1607	-.2009	-.1900			
.857				-.1302						
.862									-.1507	
.865		-.1093								
.879			-.1041							
.900		-.0772			-.1312			-.1860		
.905				-.1128						
.919			-.0979							
.950					-.1030	-.2028	-.1546			
.953				-.1068						
.955			-.0901							
.965		-.0805								
1.000				-.1703		-.1459		-.1941		

ARC97-019 TA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU44)

ALPHA0(4) = -.093 BETA0 (1) = -6.250

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0473	.0144	.0882	.4207	.8733	.8094	.8083	.8194	.0744	
.010		.0271	.0753	.4060	.6321	.6847	.6937	.6147		
.020		.0206	.0704	.3157	.5300	.5671	.5862	.5713	.1519	
.040			.0711	.2066						
.041	.0069									
.050		.0219			.3236	.3689	.3851	.3960		
.069									.0371	
.080					.1703					
.081				.0988						
.086			.1060							
.094		.0246								
.113	.0232									
.150					-.0305	.0537	.1054	.1653		
.157									-.0066	
.163			.1041							
.177				-.0473						
.229		.0118								
.246			-.0242							
.247	.0017									
.250					-.1256	-.0745	-.0370	.0131		
.274				-.1075						
.345									-.0660	
.362		.0256								
.390			-.1058							
.400					-.1990	-.1765		-.1346		
.402				-.1784						
.418										.0052
.429	.0053									
.497		-.0631								
.503									-.1002	
.547	.0056									
.550					-.2147	-.2156				
565				-.1918						
.600								-.1861		
.637			-.1551							
.638	-.0809									
.650							-.2136			
.670									-.1832	
.700		-.1142				-.2279				
.725					-.2240					
.727	-.0874									
.730										-.0384
.750							-.2117	-.2027		
.780				-.1486						
.775					-.2544	-.2283				

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU44)

ALPHAO(4) = -.093 BETAO (1) = -6.250

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0571									
.798			-.1104							
.808				-.2016						
.834		-.0762								
.839			-.1722							
.850					-.2448	-.2347	-.2127			
.857				-.1913						
.862									-.1556	
.865		-.1505								
.879			-.1628							
.900		-.1063			-.1564			-.1778		
.905				-.1556						
.919			-.1357							
.950					-.1320	-.2702	-.1957			
.953				-.1414						
.955			-.0987							
.955		-.0409								
1.000				-.1096		-.1918		-.1471		

ALPHAO(4) = -.091 BETAO (2) = -4.198

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0225	-.0319	.0499	.3561	.7945	.7509	.7364	.7487	.0481	
.010		-.0196	.0395	.3388	.5661	.6330	.6406	.5682		
.020		-.0248	.0369	.2560	.4713	.5192	.5384	.5632	.1243	
.040			.0379	.1534						
.041	-.0075									
.050		-.0254			.2803	.3296	.3483	.3591		
.069									.0721	
.080					.1379					
.081				.0576						
.086			.0677							
.094		-.0250								
.113	-.0045									
.120					-.1528	.0304	.0802	.1398		
.157									-.0231	
.163			.0593							
.177				-.0121						
.329		-.0119								
.246			-.0490							
.247	-.0424									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETURN)

ALPHAO(4) = -.091 BETAO (2) = -4.198

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.8730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1388	-.0903	-.0533	-.0045		
.274				-.1173						
.345									-.0792	
.362		.0031								
.390			-.1222							
.400					-.2080	-.1849		-.1412		
.402				-.1885						
.418										-.0184
.429	-.0124									
.497		-.0787								
.503									-.1107	
.547	-.0196									
.550					-.2233	-.2214				
.565				-.1914						
.600								-.2018		
.637			-.1585							
.638	-.0998									
.650							-.2189			
.670									-.1701	
.700		-.1189				-.2324				
.725					-.2237					
.727	-.0975									
.730										-.0640
.750							-.2199	-.2087		
.760				-.1416						
.775					-.2480	-.2295				
.793	-.0659									
.798			-.0944							
.808				-.1895						
.834		-.0411								
.839			-.1547							
.850					-.2397	-.2343	-.2157			
.857				-.1733						
.862									-.1855	
.865		-.1199								
.879			-.1462							
.900		-.0947			-.1834			-.1838		
.905				-.1488						
.919			-.1242							
.950					-.1279	-.2608	-.1978			
.953				-.1447						
.955			-.0953							
.965		-.0571								
1.000				-.1395		-.1894		-.1524		

AR097-019 !AB! LVAP(ALLHL SEALED) LEFT WING TOP (RETURN)

ALPHA0(A) = -.090 BETA0 (B) = -2.083

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0162	-.0567	.0009	.3083	.7201	.6758	.6830	.6974	.0052	
.010		-.0460	-.0078	.2829	.5067	.5684	.5988	.5300		
.020		-.0499	-.0091	.2095	.4164	.4635	.5030	.4984	.0859	
.040			-.0058	.1112						
.041	-.0368									
.050		-.0437			.2350	.2878	.3224	.3356		
.069									.0426	
.080					.1049					
.081				.0229						
.086			.0178							
.094		-.0500								
.113	-.0420									
.150					-.0654	.0090	.0671	.1219		
.157									-.0490	
.163			.0233							
.177				-.0907						
.229		-.0474								
.246			-.0639							
.247	-.0633									
.250					-.1497	-.1041	-.0625	-.0194		
.274				-.1230						
.345									-.0992	
.362		-.0281								
.390			-.1206							
.400					-.2073	-.1924		-.1512		
.402				-.1887						
.418										-.0477
.429	-.0469									
.497		-.0910								
.503									-.1291	
.547	-.0378									
.550					-.2182	-.2264				
.565				-.1848						
.600								-.2100		
.637			-.1582							
.638	-.1074									
.650							-.2235			
.670									-.1790	
.700		-.1238				-.2345				
.725					-.2098					
.727	-.1060									
.730										-.0894
.750							-.2215	-.2159		
.760				-.1140						
.775					-.2297	-.2241				

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETURN)

ALPHAO(4) = -.090 BETAO (3) = -2.083

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0394									
.798			-.0794							
.808				-.1722						
.834		-.0294								
.839			-.1452							
.850					-.2182	-.2257	-.2213			
.857				-.1635						
.862									-.1704	
.865		-.1306								
.879			-.1371							
.900		-.1025			-.1647			-.1978		
.905				-.1417						
.919			-.1213							
.950					-.1196	-.2548	-.2033			
.953				-.1339						
.955			-.1063							
.965		-.0795								
1.000				-.1465		-.1792		-.1684		

ALPHAO(4) = -.077 BETAO (4) = .009

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0432	-.0692	-.0361	.2183	.6538	.6372	.6168	.6369	-.0278	
.010		-.0656	-.0429	.1859	.4516	.5363	.5429	.4855		
.020		-.0708	-.0404	.1261	.3646	.4334	.4536	.4516	.0479	
.040			-.0391	.0559						
.041	-.0500									
.050		-.0643			.1956	.2607	.2837	.2992		
.069									.0017	
.080					.0721					
.081				-.0091						
.088			-.0093							
.094		-.0787								
.113	-.0529									
.150					-.0908	-.0080	.0424	.0978		
.157									-.0737	
.183			.0011							
.177				-.0803						
.229		-.0774								
.248			-.0817							
.247	-.0858									

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ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETURN)

ALPHA0(4) = -.077 BETA0 (4) = .009

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7900	.8870	.8720	1.0000
X/CM										
.250					-.1536	-.1113	-.0781	-.0363		
.274				-.1029						
.345									-.1183	
.362		-.0301								
.390			-.1074							
.400					-.1818	-.1969		-.1629		
.402				-.1693						
.418										-.0756
.429	-.0627									
.497		-.0869								
.503									-.1438	
.547	-.0373									
.550					-.2115	-.2262				
.565				-.1741						
.600								-.2169		
.637			-.1508							
.638	-.1034									
.650							-.2265			
.671									-.1854	
.700		-.1189				-.2237				
.725					-.1920					
.727	-.1017									
.730										-.1106
.750							-.2233	-.2247		
.760				-.0842						
.775					-.2125	-.2269				
.793	.0190									
.798			-.0689							
.808				-.1508						
.834		-.0121								
.839			-.1401							
.850					-.1872	-.2182	-.2223			
.857				-.1534						
.862									-.1704	
.865		-.1252								
.879			-.1288							
.900		-.0941			-.1590			-.2022		
.905				-.1334						
.919			-.1158							
.950					-.1289	-.2282	-.2021			
.953				-.1218						
.955			-.1052							
.965		-.0931								
1.000				-.1854		-.1608		-.1851		

ARC97-019 (A31 LVAP/ALLHL SEALED) LEFT WING TOP (RETU44)

ALPHAO(41) = -.087 BETAO (5) = 2.124

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.8720	1.0000
X/CW										
.000	-.0668	-.0970	-.0635	.2050	.5840	.5437	.5523	.5676	-.0547	
.010		-.0954	-.0697	.1658	.4017	.4730	.4874	.4365		
.020		-.1003	-.0671	.1069	.3243	.3855	.4052	.4066	.0187	
.040			-.0655	.0386						
.041	-.0609									
.050		-.0987			.1698	.2326	.2488	.2662		
.069									-.0163	
.080					.0588					
.081				-.0099						
.086			-.0425							
.094		-.1027								
.113	-.0671									
.150					-.0798	-.0147	.0278	.0761		
.157									-.0907	
.163			-.0072							
.177				-.0565						
.229		-.1024								
.246			-.0451							
.247	-.1081									
.250					-.1287	-.1168	-.0831	-.0465		
.274				-.0918						
.345									-.1304	
.362		-.0289								
.390			-.0985							
.400					-.1796	-.1939		-.1681		
.402				-.1624						
418										-.0876
.429	-.0713									
.497		-.0844								
.503									-.1517	
.547	-.0433									
.550					-.1991	-.2140				
.565				-.1698						
.600								-.2183		
.637			-.1438							
.638	-.0984									
.650							-.2247			
.670									-.1848	
.700		-.1109				-.2149				
.725					-.1742					
.727	-.0948									
.730										-.1181
.750							-.2170	-.2282		
.760				-.0782						
.775					-.1985	-.2340				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU44)

ALPHAO(4) = -.067 BETAO (5) = 2.124

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0374									
.798			-.0603							
.808				-.1517						
.834		-.0182								
.839			-.1377							
.850					-.1790	-.2149	-.2122			
.857				-.1539						
.862									-.1651	
.865		-.1331								
.879			-.1328							
.900		-.1070			-.1630			-.2092		
.905				-.1348						
.919			-.1305							
.950					-.1403	-.1923	-.1891			
.953				-.1334						
.955			-.1270							
.965		-.1034								
1.000				-.1874		-.1689		-.1602		

ALPHAO(4) = -.059 BETAO (6) = 3.572

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0825	-.1089	-.0674	.1551	.5212	.4791	.4785	.5218	-.0727	
.010		-.1108	-.0790	.1231	.3572	.4165	.4305	.3965		
.020		-.1141	-.0787	.0804	.2959	.3412	.3563	.3678	-.0051	
.040			-.0758	.0415						
.041	-.0783									
.050		-.1118			.1446	.2025	.2171	.2315		
.059									-.0370	
.080					.0480					
.081				.0079						
.086			-.0486							
.094		-.1255								
.113	-.0788									
.150					-.0725	-.0294	.0140	.0684		
.157									-.1055	
.163			.0164							
.177				-.0462						
.229		-.1085								
.246			-.0389							
.247	-.1242									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU44)

ALPHAO(4) = -.059 BETAO (8) = 3.572

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1183	-.1205	-.0940	-.0509		
.274				-.0908						
.345									-.1403	
.362		-.0167								
.390			-.0938							
.400					-.1785	-.1855		-.1689		
.402				-.1523						
.418										-.0799
.429	-.0620									
.497		-.0794								
.503									-.1597	
.547	-.0373									
.550					-.1954	-.2045				
.565				-.1679						
.600								-.2209		
.637			-.1428							
.638	-.0972									
.650							-.2147			
.670									-.1859	
.700		-.1140				-.2103				
.725					-.1628					
.727	-.0985									
.730										-.1234
.750							-.2038	-.2268		
.760				-.0814						
.775					-.1938	-.2449				
.793	.0297									
.798			-.0599							
.808				-.1507						
.834		-.0190								
.839			-.1337							
.850					-.1746	-.2081	-.2019			
.857				-.1507						
.862									-.1695	
.865		-.1336								
.879			-.1314							
.900		-.1091			-.1802			-.2068		
.905				-.1338						
.919			-.1337							
.950					-.1429	-.1583	-.1805			
.953				-.1354						
.955			-.1318							
.985		-.1114								
1.000				-.1988		-.1821		-.1813		

ARC97-019 IA81 LVAP(ALL FL SEALED) LEFT WING TOP (RETU44)

ALPHAO(4) = -.053 BETAO (7) = 6.276

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1011	-.1040	-.1145	.0964	.4582	.4505	.4339	.4523	-.0217	
.010		-.1128	-.1112	.0812	.2885	.3958	.3940	.3474		
.020		-.1196	-.1061	.0596	.2180	.3187	.3259	.3197	.0513	
.040			-.0999	.0321						
.041	-.0861									
.050		-.1245			.1155	.1726	.1937	.2018		
.069									.0041	
.080					.0385					
.081				.0001						
.086			-.0582							
.094		-.1371								
.113	-.0881									
.150					-.0593	-.0367	-.0009	.0441		
.157									-.0666	
.163			.0072							
.177				-.0468						
.229		-.1077								
.246			-.0423							
.247	-.1307									
.250					-.1104	-.1126	-.0935	-.0658		
.274				-.0885						
.345									-.1089	
.362		-.0201								
.390			-.0899							
.400					-.1696	-.1775		-.1721		
.402				-.1490						
.418										-.0249
.429	-.0676									
.497		-.0822								
.503									-.1295	
.547	-.0415									
.550					-.1655	-.1720				
.565				-.1639						
.600								-.2090		
.637			-.1438							
.638	-.1043									
.650							-.2091			
.670									-.1606	
.700		-.1194				-.2040				
.725					-.1749					
.727	-.1040									
.730										-.0629
.750							-.1885	-.2081		
.760				-.0707						
.775					-.1884	-.2443				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU44)

ALPHAO(4) = -.053 BETAO (7) = 6.278

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0125									
.798			-.0391							
.808				-.1344						
.834		-.0109								
.839			-.1258							
.850					-.1584	-.1978	-.1978			
.857				-.1370						
.862									-.1125	
.865		-.1319								
.879			-.1294							
.900		-.1129			-.1513			-.1645		
.905				-.1270						
.919			-.1349							
.950					-.1408	-.1371	-.1709			
.953				-.1319						
.955			-.1365							
.965		-.1214								
1.000				-.1923		-.1853		-.1423		

ALPHAO(5) = 1.987 BETAO (1) = .023

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0523	-.0347	-.0420	.2584	.8715	.8571	.8427	.8638	.0372	
.010		-.0500	-.0524	.2192	.4369	.5201	.5192	.4558		
.020		-.0565	-.0491	.1467	.3448	.4101	.4254	.4151	.0552	
.040			-.0452	.0580						
.041	-.0741									
.050		-.0510			.1732	.2342	.2532	.2642		
.069									.0031	
.080					.0515					
.081				-.0222						
.086			-.0181							
.094		-.0655								
.113	-.0770									
.150					-.1094	-.0325	.0148	.0628		
.157									-.0781	
.163			-.0190							
.177				-.1284						
.229		-.0989								
.248			-.1055							
.247	-.0982									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU44)

ALPHA0(5) = 1.987 BETA0 (1) = .023

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2980	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1778	-.1359	-.1019	-.0661		
.274				-.1549						
.345									-.1269	
.362		-.0629								
.390			-.1450							
.400					-.2274	-.2174		-.1822		
.402				-.2028						
.418										-.0277
.429	-.0901									
.497		-.1100								
.503									-.1561	
.547	-.0617									
.550					-.2270	-.2458				
.565				-.1996						
.600								-.2346		
.627			-.1729							
.633	-.1240									
.650							-.2432			
.670									-.2039	
.700		-.1368				-.2529				
.725					-.2191					
.727	-.1191									
.730										-.1142
.750							-.2406	-.2388		
.760				-.1153						
.775					-.2299	-.2429				
.793	-.0161									
.798			-.0935							
.808				-.1730						
.834		-.0283								
.839			-.1570							
.850					-.2072	-.2478	-.2403			
.857				-.1818						
.862									-.1838	
.865		-.1273								
.879			-.1512							
.900		-.1080			-.1855			-.2224		
.905				-.1582						
.919			-.1363							
.950					-.1815	-.2545	-.2246			
.953				-.1565						
.955			-.1204							
.965		-.0999								
1.000				-.1763		-.1685		-.1895		

ARC87-019 TA91 LVAP(ALLHL SEALED) LEFT WING TOP (RETU44)

ALPHAO(S) = 3.468 BETAO (I) = -4.234

SECTION (I)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0104	.0447	.0301	.3884	.8187	.7888	.7891	.7944	.1602	
.010		.0101	.0159	.3250	.5235	.5909	.5927	.4956		
.020		-.0042	.0159	.2305	.4177	.4668	.4781	.4474	.1140	
.040			.0204	.1211						
.041	-.0639									
.050		-.0049			.2257	.2701	.2804	.2812		
.069									.0547	
.080					.0865					
.081				.0215						
.086			.0538							
.094		-.0119								
.113	-.0564									
.150					-.0937	-.0196	.0187	.0682		
.157									-.0480	
.163			.0298							
.177				-.1138						
.229		-.0292								
.246			-.0879							
.247	-.0296									
.250					-.1808	-.1342	-.1022	-.0814		
.274				-.1695						
.345									-.1080	
.362		-.0322								
.390			-.1653							
.400					-.2435	-.2198		-.1795		
.402				-.2349						
.418										.0247
.429	-.0358									
.497		-.1205								
.503									-.1444	
.547	-.0525									
.550					-.2840	-.2531				
.565				-.2407						
.600								-.2292		
.637			-.2008							
.638	-.1358									
.650							-.2482			
.670									-.2138	
.700		-.1621				-.2644				
.725					-.2869					
.727	-.1338									
.730										-.1375
.750							-.2485	-.2355		
.760				-.1986						
.775					-.2845	-.2658				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU44)

ALPHAO(6) = 3.466 BETAO (1) = -4.234

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1287									
.798			-.1705							
.808				-.2394						
.834		-.1405								
.839			-.2178							
.850					-.2548	-.2866	-.2466			
.857				-.2368						
.862									-.2208	
.865		-.1951								
.879			-.2143							
.900		-.1617			-.2179			-.2087		
.905				-.1977						
.919			-.1968							
.950					-.1962	-.3089	-.2315			
.953				-.2062						
.955			-.1715							
.965		-.1074								
1.000				-.1715		-.2200		-.1677		

ALPHAO(6) = 3.479 BETAO (2) = .019

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.030	-.0649	-.0166	-.0418	.2871	.6926	.6852	.6843	.6976	.0971	
.010		-.0512	-.0512	.2159	.5112	.5047	.5001	.4178		
.020		-.0606	-.0470	.1367	.3721	.3872	.3945	.3764	.0488	
.040			-.0422	.0337						
.041	-.1004									
.059		-.0642			.1431	.2027	.2185	.2197		
.069									.0042	
.080					.0218					
.081				-.0501						
.086			-.0283							
.094		-.0692								
.113	-.1033									
.150					-.1306	-.0592	-.0178	.0243		
.157									-.0900	
.163			-.0409							
.177				-.1569						
.229		-.0944								
.246			-.1307							
.247	-.0945									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU44)

ALPHAO(6) = 3.479 BETAO (2) = .019

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2051	-.1594	-.1278	-.0928		
.274				-.1944						
.345									-.1396	
.362		-.0836								
.390			-.1670							
.400					-.2554	-.2367		-.2021		
.402				-.2284						
.418										-.0336
.429	-.0926									
.497		-.1313								
.503									-.1744	
.547	-.0789									
.550					-.2682	-.2658				
.565				-.2223						
.600								-.2473		
.637			-.1935							
.638	-.1441									
.650							-.2604			
.670									-.2302	
.700		-.1627				-.2745				
.725					-.2445					
.727	-.1428									
.730										-.1861
.750							-.2613	-.2518		
.760				-.1643						
.775					-.2612	-.2788				
.793	-.1173									
.798			-.1355							
.808				-.2054						
.834		-.0957								
.839			-.1835							
.850					-.2484	-.2813	-.2617			
.857				-.1999						
.862									-.2180	
.865		-.1506								
.879			-.1747							
.900		-.1199			-.2154			-.2234		
.905				-.1737						
.919			-.1563							
.950					-.1885	-.3004	-.2468			
.953				-.1782						
.955			-.1381							
.965		-.1074								
1.000				-.1909		-.1953		-.1835		

ARC97-019 IA81 (VAP(ALLHL SEALED) LEFT WING TOP (RETU44)

ALPHAO(6) = 3.485 BETAO (3) = 3.581

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7900	.8870	.9720	1.0000
X/CW										
.000	-.1214	-.1270	-.1009	.1758	.5773	.5848	.5913	.5951	.0574	
.010		-.1335	-.1103	.0994	.2974	.3946	.4015	.3266		
.020		-.1338	-.1048	.0415	.2071	.2913	.3054	.2878	-.0001	
.040			-.0976	-.0362						
.041	-.1224									
.050		-.1267			.0613	.1264	.1442	.1480		
.069									-.0431	
.080					-.0389					
.081				-.0999						
.086			-.0756							
.094		-.1364								
.113	-.1166									
.150					-.1634	-.1032	-.0645	-.0226		
.157									-.1202	
.163			-.0756							
.177				-.1504						
.229		-.1351								
.246			-.1071							
.247	-.1468									
.250					-.2079	-.1821	-.1578	-.1244		
.274				-.1527						
.345									-.1583	
.362		-.0589								
.390			-.14[illegible]							
.400					-.2214	-.2429		-.2181		
.402				-.2051						
.418										-.0981
.429	-.0970									
.497		-.1135								
.503									-.1881	
.547	-.0637									
.550					-.2403	-.2639				
.565				-.2022						
.600								-.2570		
.637			-.1771							
.638	-.1273									
.650							-.2624			
.670									-.2387	
.700		-.1453				-.2639				
.725					-.1897					
.727	-.1260									
.730										-.2783
.750							-.2601	-.2609		
.760				-.1294						
.775					-.2201	-.2781				

DATE 08 OCT 75 TAB:8 - PRESSURE SOURCE DATA TABULATION

ARC97-019 TAB: LVAP(ALLHL SEALED) LEFT WING TOP (RETU44)

ALPHAO(6) = 3.485 BETAO (3) = 3.581

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0073									
.798			-.1148							
.808				-.1886						
.834		-.0556								
.839			-.1684							
.850					-.2128	-.2451	-.2578			
.857				-.1980						
.862									-.2472	
.865		-.1538								
.879			-.1664							
.300		-.1306			-.2041			-.2403		
.905				-.1708						
.919			-.1577							
.950					-.1935	-.2205	-.2418			
.953				-.1742						
.955			-.1486							
.965		-.1319								
1.000				-.2095		-.1739		-.1852		

ALPHAO(7) = 6.167 BETAO (1) = .048

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0789	-.0483	-.0404	.2984	.7187	.7286	.7376	.7222	.1304	
.010		-.0841	-.0579	.2068	.3933	.4949	.4811	.3803		
.020		-.0932	-.0537	.1229	.2913	.3735	.3683	.3301	.0328	
.040			-.0478	.0209						
.041	-.1252									
.050		-.0772			.1195	.1841	.1851	.1781		
.069									-.0178	
.080					-.0003					
.081				-.0686						
.086			-.0310							
.094		-.0736								
.113	-.1265									
.150					-.1544	-.0792	-.0474	-.0093		
.157									-.1048	
.163			-.0508							
.177				-.1755						
.229		-.0899								
.246			-.1471							
.247	-.0903									

ARC97-019 [A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETO44)

ALPHAO(8) = 3.485 BETAO (3) = 3.581

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0073									
.798			-.1148							
.808				-.1886						
.834		-.0556								
.839			-.1684							
.850					-.2128	-.2451	-.2578			
.857				-.1980						
.862									-.2472	
.865		-.1538								
.879			-.1664							
.900		-.1306			-.2041			-.2403		
.905				-.1706						
.919			-.1577							
.950					-.1935	-.2205	-.2418			
.953				-.1742						
.955			-.1486							
.965		-.1319								
1.000				-.2095		-.1739		-.1852		

ALPHAO(7) = 6.167 BETAO (1) = .048

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.42[illegible]	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0789	-.0483	-.0404	.29[illegible]	[illegible].87	.7288	.7378	.7222	.1354	
.010		-.0841	-.0579	.2068	[illegible].3	.4949	.4811	.3803		
.020		-.0938	-.0537	.1229	.29[illegible].3	.3736	.3583	.3301	.0328	
.040			-.0478	.0203						
.041	-.1252									
.050		-.0[illegible]			.1195	.1841	.1851	.1761		
.069									-.0178	
.080					-.0003					
.081				-.0686						
.086			-.1310							
.094		-.0736								
.113	-.1265									
.150					-.15[illegible]	-.0792	-.[illegible]	-.0098		
.157									-.1[illegible]8	
.193			-.0518							
.197				-.1755						
.239		-.0909								
.246			-.1471							
.[illegible]	-.0903									

DATE ... JUL 75 TAB18 - PRESSURE SOURCE DATA TABULATION PAGE ...

ARC97-019 '181 LVAP(ALCHL SEALED) LEFT WING TOP RETURN1

ALPHAO(6) = 3.485 BETAO (3) = 3.581

SECTION (1)LEFT WING TOP DCPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1214	-.1270	-.1009	.1758	.5773	.5848	.5913	.5951	.0574	
.010		-.1335	-.1103	.0994	.2974	.3946	.4015	.3266		
.020		-.1338	-.1048	.0415	.2071	.2913	.3054	.2878	-.0001	
.040			-.0976	-.0352						
.041	-.1224									
.050		-.1267			.0613	.1264	.1442	.1480		
.069									-.0431	
.080					-.0369					
.081				-.0999						
.086			-.0756							
.094		-.1364								
.113	-.1166									
.150					-.1634	-.1032	-.0645	-.0226		
.157									-.1202	
.163			-.0756							
				-.1504						
		-.1351								
.[illegible]			-.1071							
.247	-.1466									
.250					-.2079	-.1821	-.1578	-.1244		
.274				-.1527						
.345									-.1583	
.362		-.0589								
.390			-.1444							
.400					-.2214	-.2429		-.2181		
.402				-.2051						
.418										-.0981
.429	-.0970									
.497		-.1135								
.503									-.1881	
.547	-.0637									
.550					-.2403	-.2639				
.565				-.2022						
.600								-.2570		
.637			-.1771							
.638	-.1273									
.650							-.2624			
.670									-.2387	
.700		-.1453				-.2639				
.725					-.1887					
.727	-.1260									
.730										-.2783
.750							-.2601	-.2609		
.760				-.1294						
.775					-.2201	-.2781				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN4)

ALPHA0(7) = 6.167 BETA0 (1) = .048

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2227	-.1771	-.1511	-.1192		
.274				-.2176						
.345									-.1590	
.362		-.0909								
.390			-.1960							
.400					-.2744	-.2491		-.2177		
.402				-.2626						
.418										-.0846
.429	-.0890									
.497		-.1465								
.503									-.1945	
.547	-.0913									
.550					-.2914	-.2766				
.565				-.2393						
.600								-.2577		
.637			-.2097							
.638	-.1564									
.650							-.2725			
.675									-.2563	
.700		-.1776				-.2860				
.725					-.2679					
.727	-.1555									
.730										.2530
.750							-.2747	-.2626		
.760				-.2027						
.775					-.2709	-.3002				
.793	-.1418									
.798			-.1756							
.808				-.2393						
.834		-.1383								
.839			-.2148							
.850					-.2773	-.3075	-.2747			
.857				-.2315						
.862									-.2855	
.865		-.1831								
.879			-.2123							
.900		-.1498			-.2608			-.2429		
.905				-.1983						
.919			-.1941							
.950					-.2335	-.3118	-.2812			
.953				-.2093						
.955			-.1704							
.965		-.1213								
1.000				-.2103		-.2352		-.1781		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU45) (12 OCT 74

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.200 RN/FT = 2.500
ELV-IB = 8.000 ELV-OB = .000
RUDDER = .000 SPOBRK = .000

ALPHAO(I) = -8.332 BETAO (I) = -.120

SECTION (I)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0502	.0337	.0575	.2870	.6413	.6054	.5632	.5751	-.1189	
.010		.0394	.0551	.3090	.5722	.5918	.5999	.5525		
.020		.0317	.0578	.2676	.4959	.5117	.5331	.5287	.0417	
.040			.0595	.1990						
.041	.0576									
.050		.0272			.3331	.3506	.3868	.3985		
.069									.0254	
.080					.2121					
.081				.1294						
.086			.0939							
.094		.0115								
.113	.0559									
.150					.0543	.0913	.1459	.2043		
.157									-.0305	
.163			.1321							
.177				.0378						
.229		-.0007								
.246			.0488							
.247	.0098									
.250					-.0290	-.0052	.0195	.0688		
.274				-.0034						
.345									-.0623	
.362		.0698								
.390			-.0255							
.400					-.0959	-.0903		-.0667		
.402				-.0880						
.418										-.1822
.429	.0068									
.497		-.0085								
.503									-.0779	
.547	.0419									
.550					-.1303	-.1240				
.585				-.1051						
.600								-.1292		
.637			-.0850							
.638	-.0295									
.650							-.1333			
.670									-.1084	

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU45)

ALPHAO(1) = -8.332 BETAO (1) = -.120

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.0470				-.1350				
.725					-.1200					
.727	-.0335									
.730										-.2025
.750							-.1234	-.1410		
.760				-.0174						
.775					-.1567	-.1687				
.793	.1114									
.798			.0107							
.808				-.0897						
.834		.0750								
.839			-.0638							
.850					-.1336	-.1600	-.1171			
.857				-.0920						
.862									-.0928	
.865		-.0578								
.879			-.0659							
.900		-.0372			-.1022			-.1177		
.905				-.0907						
.919			-.0576							
.950					-.0740	-.1540	-.0930			
.953				-.0657						
.955			-.0579							
.965		-.0389								
1.000				-.1296		-.0989		-.1223		

ALPHAO(2) = -4.288 BETAO (1) = -4.351

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0937	.0359	.1186	.3788	.8211	.7865	.7637	.7961	-.0139	
.010		.0534	.1092	.3759	.6554	.7168	.7310	.6709		
.020		.0470	.1076	.3064	.5686	.6189	.6395	.6380	.1370	
.040			.1069	.2136						
.041	.0688									
.050		.0439			.3765	.4313	.4548	.4586		
.069									.0968	
.090					.2308					
.091				.1287						
.096			.1353							
.094		.0273								
.113	.0709									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU45)

ALPHA0(2) = -4.288 RETA0 (1) = -4.351

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.150					.0384	.1281	.1803	.2470		
.157									.0203	
.163			.1350							
.177				.0105						
.229		.0030								
.246			.0190							
.247	.0305									
.250					-.0581	-.0010	.0384	.0920		
.274				-.0409						
.345									-.0274	
.362		.0478								
.390			-.0582							
.400					-.1291	-.1064		-.0815		
.402				-.1231						
.418										-.0814
.425	-.0048									
.497		-.0294								
.503									-.0521	
.547	.0288									
.550					-.1509	-.1484				
.565				-.1257						
.600								-.1284		
.637			-.0983							
.638	-.0428									
.650							-.1428			
.670									-.0981	
.700		-.0578				-.1811				
.725					-.1532					
.727	-.0401									
.730										-.1041
.750							-.1393	-.1408		
.760				-.0698						
.775					-.1803	-.1758				
.793	.0325									
.798			-.0217							
.808				-.1237						
.834		.0290								
.839			-.0862							
.850					-.1787	-.1638	-.1422			
.857				-.1104						
.862									-.0843	
.865		-.0676								
.879			-.0822							
.900		-.0355			-.1278			-.1230		
.905				-.0824						

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU45)

ALPHAO(2) = -4.288 BETAO (1) = -4.351

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.919			-.0842							
.950					-.0898	-.1878	-.1264			
.953				-.0784						
.955			-.0495							
.965		-.0125								
1.000				-.0951		-.1101		-.1508		

ALPHAO(2) = -4.320 BETAO (2) = -.149

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0358	.0072	.0528	.2903	.6239	.6137	.5844	.6073	-.0834	
.010		.0126	.0431	.3033	.4908	.5724	.5814	.5352		
.020		.0059	.0424	.2472	.4222	.4903	.5059	.5056	.0506	
.040			.0444	.1606						
.041	.0285									
.050		.0032			.2801	.3348	.3550	.3651		
.069									.0228	
.080					.1713					
.081				.0830						
.085			.0726							
.094		-.0091								
.113	.0258									
.150					.0151	.0664	.1219	.1742		
.157									-.0366	
.163			.0933							
.177				-.0092						
.229		-.0138								
.246			.0499							
.247	-.0117									
.250					-.0594	-.0429	-.0040	.0399		
.274				-.0427						
.345									-.0722	
.362		.0285								
.390			-.0617							
.400					-.1212	-.1254		-.0903		
.402				-.1172						
.418										-.1370
.429	-.0319									
.497		-.0361								
.503									-.0901	
.547	.0119									

ARC97-019 (AB1 L/AP(ALLHL SEALED) LEFT WING TOP (RETU45)

ALPHAO(2) = -4.320 BETAO (2) = -.149

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.1461	-.1558				
.565				-.1232						
.600								-.1496		
.637			-.1032							
.638	-.0538									
.650							-.1595			
.670									-.1234	
.700		-.0703				-.1588				
.725					-.1394					
.727	-.0602									
.730										-.1600
.750							-.1539	-.1607		
.760				-.0430						
.775					-.1666	-.1812				
.793	.0760									
.798			-.0182							
.808				-.1075						
.834		.0413								
.839			-.0869							
.850					-.1573	-.1765	-.1505			
.857				-.1112						
.862									-.1102	
.865		-.0781								
.879			-.0868							
.900		-.0551			-.1249			-.1411		
.905				-.0910						
.919			-.0771							
.950					-.0954	-.1765	-.1280			
.953				-.0910						
.955			-.0754							
.965		-.0564								
1.000				-.1362		-.1131		-.1400		

ALPHAO(2) = -4.300 BETAO (3) = 3.413

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0183	-.0284	-.0252	.1955	.5351	.3932	.4282	.4753	-.1486	
.010		-.0280	-.0265	.1841	.4278	.4128	.3861	.4329		
.020		-.0341	-.0205	.1504	.3558	.3628	.3344	.4015	-.0219	
.040			-.0168	.1055						
.041	-.0112									

ARC97-019 !A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU45)

ALPHAO(2) = -4.300 BETAO (3) = 3.413

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2890	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.050		-.0327			.2309	.2452	.2283	.2777		
.069									-.0402	
.080					.1315					
.081				.0583						
.086			.0148							
.094		-.0492								
.113	-.0018									
.150					.0063	.0365	.0678	.1159		
.157									-.0847	
.163			.0592							
.177				-.0016						
.229		-.0536								
.248			.0043							
.247	-.0438									
.250					-.0608	-.0491	-.0211	.0090		
.274				-.0380						
.345									-.1126	
.352		.0204								
.390			-.0543							
.400					-.1248	-.1223		-.0990		
.402				-.1090						
.418										-.1911
.429	-.0324									
.497		-.0400								
.503									-.1234	
547	.0002									
.550					- 1486	-.1470				
.565				-.1287						
.600								-.1485		
.637			-.1112							
.638	-.0643									
.650							-.1455			
.670									-.1414	
.700		-.0812				-.1577				
.725					-.1400					
.727	-.0704									
.730										-.2047
.752							-.1485	-.1556		
.760				-.0397						
.775					-.1625	-.1918				
.793	.0567									
.799			-.0103							
.808				-.1043						
.830		.0430								
.839			-.0748							

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUNS)

ALPHAO(2) = -4.300 BETAO (3) = 3.413

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.850					-.1354	-.1691	-.1332			
.857				- 1056						
.862									-.1211	
.865		-.0779								
.879			-.0868							
.900		-.0640			-..202			-.1348		
.905				-.0885						
.919			-.0868							
.950					-.1069	-.1544	-.1156			
.953				-.0915						
.955			-.0892							
.965		-.0785								
1.000				-.1628		-.1292		-.1285		

ALPHAO(3) = -2.199 BETAO (1) = -.185

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0237	-.0143	.0414	.2567	.6896	.6225	.6178	.8343	-.0419	
.010		- 0099	.0310	.2567	.4911	.5493	.5731	.5201		
.020		-.0163	.0297	.2092	.4053	.4587	.4897	.4908	.0559	
.040			.0300	.1272						
.041	.0015									
.050		-.0167			.2331	.2992	.3278	.3444		
.069									.0195	
.080					.1140					
.081				.0503						
.086			.0551							
.094		-.0272								
.113	-.0035									
.150					-.0375	.0423	.0911	.1484		
.157									-.0432	
.163			.0572							
.177				-.0508						
.229		-.0559								
.248			-.0350							
.247	-.0298									
.250					-.1034	-.0660	-.0278	.0137		
.274				-.0759						
.345									-.0819	
.362		-.0069								
.390			-.0093							

&RC97-019 !A81 LVAP(ALL HL SEALED) LEFT WING TOP (RETU45)

ALPHA0(3) = -2.199 BETA0 (1) = -.165

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.400					-.1535	-.1503		-.1089		
.402				-.1425						
.418										-.0923
.429	-.0574									
.497		-.0586								
.503									-.1019	
.547	-.0133									
.550					-.1720	-.1814				
.555				-.1448						
.600								-.1684		
.637			-.1228							
.638	-.0715									
.650							-.1777			
.670									-.1379	
.700		-.0867				-.1871				
.725					-.1594					
.727	.2									
.730										-.1194
.750							-.1764	-.1776		
.760				-.0719						
.775					-.1833	-.1895				
.793	.0530									
.799			-.0494							
.808				-.1314						
.834		.0104								
.839			-.1127							
.850					.1700	-.1915	-.1771			
.857				-.1378						
.862									-.1243	
.865		-.0928								
.879			-.1091							
.900		-.0779			-.1452			.1740		
.905				-.1097						
.919			-.0973							
.950					-.1167	-.1955	-.1783			
.953				-.1						
.955			-.0903							
.965		-.0684								
1.000				-.1395		-.1194		-.1511		

ARC97-013 (A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU45)

ALPHAO(4) = -.118 BETAO (1) = -6.442

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0912	.0333	.1245	.4560	.9290	.8835	.8729	.8925	.1187	
.010		.0353	.1138	.4329	.6014	.7462	.7540	.6778		
.020		.0282	.1087	.3460	.5783	.6216	.6417	.6341	.1885	
.040			.1094	.2317						
.041	.0316									
.050		.0323			.3657	.4146	.4351	.4528		
.069									.1313	
.080					.2125					
.081				.1185						
.086			.1312							
.094		.0260								
.113	.0306									
.150					.0085	.0982	.1464	.2101		
.157									.0327	
.163			.1178							
.177				-.0265						
.229		.0274								
.246			-.0114							
.247	.0198									
.250					-.0899	-.0317	.0087	.0544		
.274				-.0869						
.345									-.0255	
.362		.0220								
.390			-.0987							
.400					-.1616	-.1329		-.0872		
.402				-.1668						
.418										.0452
.429	.0026									
.497		-.0619								
.503									-.0567	
.547	.0030									
.550					-.1880	-.1726				
.565				-.1798						
.600								-.1494		
.637			-.1385							
.638	-.0664									
.650							-.1547			
.670									-.1198	
.700		-.0987				-.1858				
.725					-.1953					
.727	-.0714									
.730										-.0113
.750							-.1844	-.1585		
.760				-.1327						
.775					-.2154	-.1930				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU45)

ALPHAO(4) = -.116 BETAO (1) = -6.442

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0411									
.798			-.0967							
.808				-.1731						
.834		-.0646								
.839			-.1478							
.850					-.1504	-.1883	-.1680			
.857				-.1718						
.862									-.1159	
.865		-.1265								
.875			-.1502							
.900		-.1045			-.1372			-.1389		
.905				-.1245						
.919			-.1351							
.950					-.1276	-.2030	-.1538			
.953				-.1141						
.955			-.1070							
.965		-.0338								
1.000				-.0807		-.1439		-.1460		

ALPHAO(4) = -.115 BETAO (2) = -4.378

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0604	.0055	.0819	.4018	[illegible]	.8056	.8037	.8146	.0754	
.010		.0089	.0685	.3777	[illegible]	.6930	.6908	.6202		
.020		.0022	.0635	.0949	[illegible]	.5837	.5838	.5809	.1421	
.040			.0658	.1663						
.041	.0052									
.050		.0065			.33	.1857	.3916	.4087		
.069									.0[illegible]	
.080					.1836					
.081				.0811						
.096			.0356							
.099		-.0073								
.113	.0150									
.130					-.0059	.0770	.1230	.1822		
.157									.0033	
.163			.0708							
.177				-.0505						
.179		-.0100								
.246			-.0[illegible]							
.247	-.0[illegible]									

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ARC97-019 !AB! CVAP(ALLHL SEALED) LEFT WING TOP (RETU45)

ALPHA0(K/ = -.115 BETA0 (2) = -4.378

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.250	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1042	-.0478	-.0103	.0360		
.274				-.1053						
.345									-.0488	
.362		-.0070								
.390			-.1109							
.400					-.1733	-.1450		-.0985		
.402				-.1714						
.418										.0100
.429	-.0332									
.497		-.0772								
.503									-.0790	
.547	-.0167									
.550					-.1994	-.1813				
.565				-.1798						
.600								-.1599		
.637			-.1451							
.638	-.0837									
.650							-.1737			
.673									-.1308	
.700		-.1025				-.1950				
.725					-.2024					
.727	-.0840									
.730										-.0407
.750							-.1740	-.1677		
.760				-.1313						
.775					-.2226	-.2014				
.793	-.0406									
.798			-.0925							
.808				-.1690						
.834		-.0435								
.839			-.1400							
.850					-.1680	-.1984	-.1760			
.857				-.1844						
.862									-.1230	
.865		-.1089								
.879			-.1404							
.900		-.0850			-.1481			-.1535		
.905				-.1288						
.919			-.1230							
.950					-.1338	-.2100	-.1821			
.953				-.1368						
.955			-.1002							
.965		-.0445								
1.000				-.1072		-.1380		-.1542		

ARC87-019 (A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN5)

ALPHA0(4) = -.112 BETA0 (3. = -2.264

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/B=	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/C=										
.000	.0732	-.0264	.0374	.3535	.7971	.7266	.7216	.7296	.0385	
.010		-.0210	.0274	.3235	.5732	.6215	.6305	.5524		
.020		-.0251	.0287	.2452	.4753	.5154	.5309	.5154	.1000	
.040			.0304	.1419						
.041	-.0099									
.050		-.0214			.2831	.3345	.3507	.3586		
.069									.0530	
.080					.1472					
.081				.0422						
.086			.0531							
.094		-.0306								
.113	-.0138									
.150					-.0328	.0516	.0946	.1483		
.157									-.0236	
.163			.0564							
.177				-.0741						
.229		-.0468								
.246			-.0471							
.247	-.0362									
.250					-.1169	-.0633	-.0297	.0171		
.274				-.1134						
.345									-.0712	
.362		-.0309								
.390			-.1135							
.400					-.1798	-.1526		-.1107		
.402				-.1734						
.418										-.0213
.429	-.0851									
.497		-.0873								
.503									-.0962	
.547	-.0338									
.550					-.2020	-.1868				
.565				-.1701						
.600								-.1890		
.637			-.1378							
.638	-.0833									
.650							-.1810			
.670									-.1374	
.700		-.1049				-.1999				
.725					-.1980					
.727	-.0877									
.730										-.0855
.750							-.1811	-.1805		
.760				-.1104						
.775					-.2088	-.2049				

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU45)

ALPHAO(4) = -.112 BETAO (3) = -2.264

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0089									
.798			-.0694							
.808				-.1557						
834		-.0319								
.839			-.1245							
.850					.1885	-.2099	-.1844			
.857				-.1534						
.862									-.1300	
.865		-.1076								
.879			-.1278							
.900		-.0829			-.1479			-.1646		
.905				-.1217						
.919			-.1121							
.950					-.1209	-.2099	-.1728			
.953				-.1313						
.955			-.0998							
.965		-.0684								
1.000				-.1217		-.1295		-.1570		

ALPHAO(4) = -.108 BETAO (4) = -.175

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

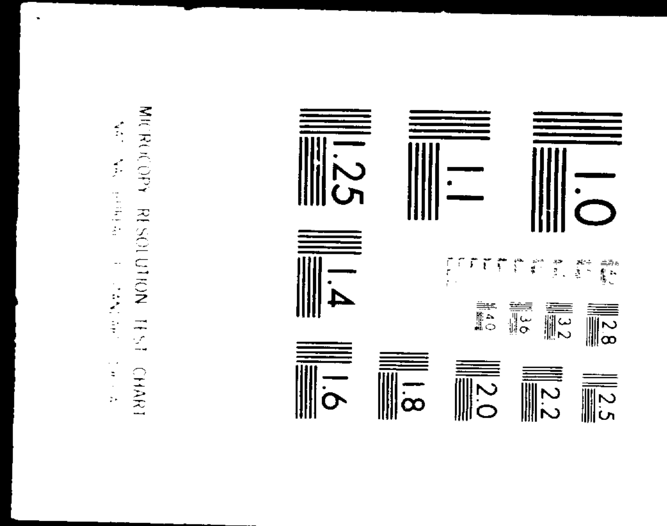
Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0078	-.0382	.0127	.2848	.7107	.6522	.6450	.6534	.0020	
010		-.0356	.0013	.2374	.5014	.5435	.5609	.4970		
.020		-.0402	.0010	.1647	.4055	.4470	.4705	.4604	.0608	
.040			.0027	.0824						
041	-.0251									
050		-.0355			.2291	.2806	.3024	.3141		
.069									.0260	
.080					.1074					
.081				.0120						
.086			.0337							
.094		-.0416								
.113	-.0281									
.150					-.0537	.0212	.0858	.1142		
157									-.0487	
.163			.0297							
.177				-.0770						
.229		-.0675								
.246			-.0634							
.247	-.0479									

ARC97-019 1A81 LVAP(ALL HL SEALED) LEFT WING TOP (RETUNS)

ALPHA0(41) = -.108 BETA0 (41) = -.175

SECTION (11)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6770	.7800	.8670	.9720	1.0000
X/CW										
.250					-.1349	-.0824	-.0502	-.0089		
.274				-.1100						
.345									-.0902	
.362		-.0306								
.390			-.1128							
.400					-.1847	-.1636		-.1262		
.402				-.1600						
.418										-.0488
.429	-.0745									
.497		-.0847								
.503									-.1115	
.547	-.0372									
.550					-.1966	-.1966				
.565				-.1613						
.600								-.1791		
.637			-.1365							
.638	-.0879									
.650							-.1903			
.670									-.1480	
.700		-.1039				-.2086				
.725					-.1794					
.727	-.0899									
.730										-.0856
.750							-.1906	-.1898		
.760				-.0900						
.775					-.1800	-.2046				
.793	.0233									
.798			-.0781							
.808				-.1477						
.834		-.0194								
.839			-.1305							
.850					-.1833	-.2088	-.1929			
.857				-.1477						
.862									-.1382	
.865		-.1056								
.879			-.1266							
.900		-.0905			-.1598			-.1788		
.905				-.1210						
.919			-.1155							
.950					-.1355	-.2038	-.1820			
.953				-.1320						
.955			-.1045							
.965		-.0[illegible]								
1.000				-.1390		-.1138		-.1531		



DATE 08 OCT 75 IA81B - PRESSURE SOURCE DATA TABULATION

ARC97-019 IA81 LVAP.ALLHL SEALED) LEFT WING TOP (RETJ45)

ALPHAO(4) = -.100 BETAO (5) = 1.938

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	2350	2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.900	-.0157	-.0581	-.0149	.2005	.6254	.5596	.5687	.5834	-.0327	
.010		-.0557	-.0276	.1558	.4243	.4700	.4971	.4460		

ARC97-019 (A81 LVAP,ALLHL SEALED) LEFT WING TOP (RETO45)

ALPHA0(4) = -.100 BETA0 (5) = 1.938

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	2350	2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0157	-.0581	-.0149	.2005	.6254	.5596	.5687	.5834	-.0327	
.010		-.0557	-.0276	.1668	.4243	.4700	.4971	.4460		
.020		-.0581	-.0289	.1235	.3348	.3828	.4134	.4155	.0292	
.040			-.0266	.0585						
.041	-.0356									
.050		-.0500			.1777	.2321	.2562	.2780		
.069									-.0080	
.080					.0556					
.081				-.0014						
.088			-.0009							
.094		-.0817								
.113	-.0399									
.150					-.0811	-.0058	.0389	.0907		
.157									-.0699	
.163			.0032							
.177				-.0821						
.229		-.0880								
.246			-.0730							
.247	-.0638									
.250					-.1385	-.1052	-.0678	-.0241		
.274				-.1034						
.345									-.1070	
.362		-.0479								
.390			-.1107							
.400					-.1718	-.1772		-.1365		
.402				-.1527						
.418										-.0765
.429	-.0904									
.497		-.0849								
.503									-.1260	
.547	-.0473									
.550					-.1847	-.2005				
.565				-.1587						
.600								-.1881		
.637			-.1384							
.638	-.0937									
.650							-.1966			
.670									-.1568	
.700		-.1058				-.2012				
.725					-.1689					
.727	-.0957									
.730										-.1052
.750							-.1956	-.1979		
.760				-.0911						
.775					-.1808	-.1952				

ARC97-019 TABLE LVAP(ALLVR SEALED) LEFT WING TOP RETURN

ALPHAO(4) = -.100 BETAO (5) = 1.938

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3540	.4270	.5340	.6730	.7900	.8870	.9720	1.0000
X/CW										
.793	.0165									
.798			-.0840							
.808				-.1477						
.834		-.0324								
.839			-.1358							
.850					-.1732	-.1915	-.1953			
.857				-.1561						
.862									-.1442	
.865		-.1166								
.879			-.1328							
.900		-.1035			-.1576			-.1874		
.905				-.1243						
.919			-.1287							
.950					-.1355	-.1962	-.1808			
.953				-.1389						
.955			-.1234							
.965		-.0954								
1.000				-.1526		-.1339		-.1510		

ALPHAO(4) = -.095 BETAO (6) = 3.383

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0407	-.0776	-.0548	.1540	[illegible]	.4886	.4834	[illegible]	-.0626	
.010		-.0783	-.0534	[illegible]	[illegible]	.4114	.4244	[illegible]		
.020		-.0803	-.0571	[illegible]	[illegible]	.3270	.3521	[illegible]	-.0014	
.040			-.0538	.0311						
.041	-.0451									
.050		-.0756			[illegible]	.1621	.2117	[illegible]		
.069									-.0345	
.080					.0330					
.081				-.0220						
.086			-.0347							
.094		-.0843								
.103	.0474									
.150					-.0756	-.0317	.0148	[illegible]		
.157									-.0903	
.163			-.0253							
.177				-.0794						
.229		-.1029								
.246			-.0873							
.254	-.0743									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUAS)

ALPHA(4) = -.095 BETA (6) = 3.383

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.4940	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1212	-.1117	-.0830	-.0393		
.274				-.0874						
.345									-.1244	
.362		-.0479								
.390			-.1102							
.400					-.1625	-.1689		-.1438		
.402				-.1551						
.418										-.0995
.429	-.0897									
.497		-.0897								
.503									-.1413	
.547	-.0542									
.550					-.1847	-.1873				
.565				-.1632						
.600								-.1925		
.637			-.1440							
.638	-.1015									
.650							-.1930			
.670									-.1680	
.700		-.1130				-.1876				
.725					-.1605					
.727	-.1018									
.730										-.1238
.750							-.1877	-.2009		
.760				-.0941						
.775					-.1781	-.2029				
.793	.0180									
.798			-.0785							
.808				-.1481						
.834		-.0331								
.839			-.1299							
.850					-.1681	-.1923	-.1854			
.857				-.1548						
.862									-.1497	
.865		-.1200								
.879			-.1316							
.900		-.1052			-.1572			-.1911		
.905				-.1244						
.919			-.1323							
.950					-.1444	-.1753	-.1656			
.953				-.1385						
.955			-.1303							
.965		-.1018								
1.000				-.1708		-.1481		-.1420		

ARC97-019 IA8I LVAP(ALLHL SEALED) LEFT WING TOP (RETU45)

ALPHA0(4) = -.089 BETA0 (7) = 6.028

SECTION (11)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8970	.9720	1.0000
X/CW										
.000	-.0637	-.0878	-.0861	.0867	.4289	.4302	.4221	.4444	-.0907	
.010		-.0905	-.0884	.0740	.2682	.3639	.3818	.3486		
.020		-.0946	-.0867	.0476	.2056	.2860	.3134	.3223	-.0309	
.040			-.0834	.0113						
.041	-.0647									
.050		-.0936			.1078	.1569	.1825	.2086		
.069									-.0616	
.080					.0423					
.081				-.0194						
.086			-.0627							
.094		-.1050								
.113	-.0559									
.150					-.0603	-.0285	-.0042	.0470		
.157									-.1069	
.163			-.0214							
.177				-.0715						
.229		-.1087								
.246			-.0577							
.247	-.0959									
.250					-.1097	-.0984	-.0872	-.0535		
.274				-.0965						
.345									-.1366	
.362		-.0447								
.390			-.1031							
.400					.1562	-.1570		-.1483		
.402				-.1459						
.418										-.0924
.429	-.0845									
.497		-.0895								
.503									-.1431	
.547	-.0590									
.550					-.1747	-.1783				
.565				-.1586						
.600								.1915		
.637			-.1387							
.653	-.1043									
.650							-.1840			
.670									-.1690	
.700		-.1184				-.1836				
.750					-.1694					
.727	-.1070									
.730										-.1120
.750							-.1771	-.1972		
.760				-.0858						
.775					-.1707	-.2148				

ARC97-019 TA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETURNS)

ALPHAO(4) = -.089 BETAO (7) = 8.028

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0371									
.798			-.0654							
.808				-.1345						
.834		-.0228								
.839			-.1137							
.850					-.1595	-.1903	-.1734			
.857				-.1375						
.862									-.1457	
.865		-.1100								
.879			-.1181							
.900		-.1020			-.1483			-.1797		
.905				-.1120						
.919			-.1214							
.950					-.1371	-.1623	-.1529			
.953				-.1260						
.955			-.1214							
.965		-.1037								
1.000				-.1700		-.1734		-.1383		

ALPHAO(5) = 1.933 BETAO (1) = -.155

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0058	-.0521	-.0203	.2909	.7169	.6709	.6645	.6790	.0511	
.010		-.0562	-.0273	.2506	.4820	.5378	.5350	.4723		
.020		-.0595	-.0226	.1803	.3867	.4328	.4401	.4316	.0669	
.040			-.0179	.0813						
.041	-.0491									
.050		-.0515			.2126	.2608	.2752	.2795		
.069									.0234	
.080					.0897					
.081				-.0064						
.086			.0071							
.094		-.0620								
.113	-.0558									
.150					-.0685	-.0001	.0412	.0829		
.157									-.0538	
.163			-.0033							
.177				-.1140						
.229		-.0606								
.246			-.0898							
.247	-.0682									

RUN 019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU45)

ALPHA0(5) = 1.933 BETA0 (1) = -.155

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2980	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1483	-.1005	-.0710	-.0354		
.274				-.1467						
.345									-.0968	
.362		-.0566								
.390			-.1363							
.400					-.2030	-.1781		-.1443		
.402				-.1917						
.418										-.0169
.429	-.0738									
.497		-.1055								
.503									-.1255	
.547	-.0565									
.550					-.2225	-.2093				
.565				-.1844						
.600								-.1926		
.637			-.1543							
.638	-.1076									
.650							-.2023			
.679									-.1623	
.700		-.1203				-.2203				
.725					-.2020					
.727	-.1049									
.730										-.0843
.750							-.2030	-.2003		
.760				-.1220						
.775					.3023	-.2216				
.793	-.0138									
.798			-.1000							
.808				-.1650						
.834		-.0482								
.839			-.1480							
.850					-.1971	-.2250	-.2006			
.857				-.1707						
.862									-.1583	
.865		-.1237								
.879			-.1470							
.900		-.1058			.1799			-.1899		
.905				-.1377						
.919			-.1340							
.950					-.1559	-.2203	-.1947			
.953				-.1257						
.979			-.1233							
.965		-.0994								
1.000				-.1460		-.1469		-.1623		

ARC97-019 TAB1 (VAP(ALLHL SEALED) LEFT WING TOP (RETUAS)

ALPHA0(6) = 3.402 BETA0 (1) = -4.411

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3540	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0265	-.0299	.0406	.3950	.8882	.8517	.8547	.8346	.1661	
.010		-.0323	.0269	.3422	.5872	.6610	.6583	.5497		
.020		-.0353	.0259	.2530	.4771	.5322	.5380	.5031	.1374	
.040			.0286	.1427						
.041	-.0377									
.050		-.0101			.2739	.3300	.3366	.3351		
.069									.0857	
.080					.1308					
.081				.0454						
.086			.0566							
.094		.0010								
.113	-.0451									
.150					-.0479	.0309	.0693	.1181		
.157									-.0136	
.163			.0453							
.177				-.0808						
.229		-.0206								
.246			-.0638							
.247	-.0454									
.250					-.1360	-.0842	-.0512	-.0106		
.274				-.1331						
.345									-.0690	
.362		-.0263								
.390			-.1429							
.400					-.1957	-.1697		-.1288		
.402				-.1988						
.418										.0473
.429	-.0229									
.497		-.1053								
.503									-.1032	
.547	-.0407									
.550					-.2188	-.2030				
.565				-.2118						
.600								-.1791		
.637			-.1729							
.638	-.1099									
.650							-.1981			
.670									-.1613	
.700		-.1370				-.2153				
.725					-.2264					
.727	-.1102									
.730										-.0807
.750							-.1984	-.1872		
.760				-.1728						
.775					-.2366	-.2163				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU45)

ALPHAO(6) = 3.402 BETAO (1) = -4.411

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1018									
.798			-.1449							
.808				-.2034						
.834		-.1191								
.839			-.1838							
.850					-.1891	-.2293	-.2003			
.857				-.2061						
.862									-.1623	
.865		-.1643								
.879			-.1879							
.900		-.1495			-.1818			-.1731		
.905				-.1558						
.919			-.1809							
.950					-.1728	-.2423	-.1878			
.953				-.1723						
.955			-.1619							
.965		-.0881								
1.000				-.1306		-.1650		-.1461		

ALPHAO(6) = 3.403 BETAO (2) = -.163

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.67[illegible]	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0172	-.0673	-.0163	[illegible]92	[illegible]49	.6958	.6909	.6999	.03[illegible]	
.010		-.0763	-.0287	[illegible]	[illegible]	.5[illegible]7	.5332	[illegible]		
.020		-.0807	-.0240	[illegible]	.37[illegible]	.4153	.4283	[illegible]	.067[illegible]	
.040			-.0187	.0699						
.04[illegible]	-.0703									
.0[illegible]0		-.0706			.1944	.27[illegible]	.2[illegible]09	.2[illegible]51		
.069									.01[illegible]	
.080					.0696					
.081				-.0154						
.096			.0080							
.0[illegible]		-.0528								
.[illegible]13	-.0790									
.150					.0914	-.0200	.01[illegible]	.0509		
.157									-.0578	
.163			-.0130							
.177				-.1217						
.225		-.0734								
.2[illegible]			-.1061							
.2[illegible]	-.[illegible]4[illegible]									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUMS)

ALPHAO(8) = 3.403 BETAO (2) = -.183

SECTION ( )LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1646	-.1172	-.0908	-.0528		
.274				-.1621						
.345									-.1035	
.362		-.0583								
.390			-.1639							
.400					-.2154	-.1905		-.1518		
.402				-.2137						
.418										-.0115
.429	-.0757									
.497		-.1246								
.503									-.1299	
.547	-.0879									
.550					-.2339	-.2192				
.565				-.2074						
.600								-.1995		
.637			-.1739							
.638	-.1244									
.650							-.2111			
.670									-.1775	
.700		-.1401				-.2295				
.725					-.2267					
.727	-.1203									
.730										-.1314
.750							-.2187	-.2083		
.760				-.1574						
.775					-.2263	-.2308				
.793	-.0673									
.798			-.1248							
.808				-.1871						
.834		-.0828								
.839			-.1675							
.850					-.2181	-.2455	-.2167			
.857				-.1881						
.882									-.1748	
.865		-.1310								
.879			-.1695							
.900		-.1131			-.2013			-.1985		
.905				-.1502						
.919			-.1525							
.950					-.1851	-.2468	-.2085			
.953				-.1746						
.955			-.1352							
.965		-.1047								
1.000				-.1649		-.1685		-.1498		

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU45)

ALPHA0(6) = 3.408 BETA0 (3) = 3.392

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	2990	.3640	.4270	.5340	.6730	.7900	.8870	.9720	1.0000
X/CM										
.000	-.0713	-.1136	-.0640	.1945	.5790	.5718	.5692	.5965	.0448	
.010		-.1160	-.0750	.1364	.3418	.4189	.4220	.3603		
.020		-.1177	-.0720	.0788	.2507	.3189	.3312	.3238	.0161	
.040			-.0673	-.0009						
.041	-.0867									
.059		-.1066			.1016	.1573	.1789	.1837		
.069									-.0265	
.080					.0000					
081				-.0686						
.096			-.0534							
.094		-.1058								
.113	-.0871									
.150					-.1298	-.0669	-.0274	.0139		
.157									-.0920	
.163			-.0630							
.177				-.1490						
.229		-.1153								
.246			-.1253							
.247	-.1082									
.250					-.1856	-.1489	-.1178	-.0866		
.274				-.1682						
.345									-.1292	
.362		-.0917								
.390			-.1479							
.400					-.2133	-.2079		-.1758		
.402				-.1907						
.418										-.0553
.429	-.1136									
.497		-.1186								
.503									-.1491	
.547	-.0831									
.550					-.2200	-.2302				
.565				-.1907						
.600								-.1 .2		
.637			-.1546							
.638	-.1247									
.650							-.2210			
.679									-.1876	
.700		-.1152				-.2345				
.724					-.1701					
.727	.1217									
.73										-.1892
.75							-.2347	-.2257		
.759				-.1308						
.779					-.1912	-.2358				

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU45)

ALPHAO(6) = 3.408 BETAO (3) = 3.392

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7900	.8870	.9720	1.0000
X/CW										
.793	-.0081									
.798			-.1233							
.808				-.1760						
.834		-.0627								
.839			-.1592							
.850					-.1975	-.2222	-.2253			
.857				-.1837						
.862									-.1805	
.865		-.1348								
.879			-.1526							
.900		- 1223			-.1936			-.2172		
.905				-.1452						
.919			-.1453							
.950					-.1870	-.1979	-.2138			
.953				-.1662						
.955			-.1396							
.965		-.1193								
1.000				-.1766		-.1457		-.1491		

ALPHAO(7) = 6.072 BETAO (1) = -.153

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0332	-.0834	-.0150	.3182	.7632	.7258	.7315	.7307	.1302	
.010		- 0766	-.0310	.2355	.4550	.5185	.5118	.4185		
.020		-.0788	-.0294	.1588	.3495	.3997	.4019	.3728	.0595	
.040			-.0247	.0578						
.041	-.0907									
.050		-.0604			.1729	.2182	.2235	.2181		
.069									.0122	
.080					.0517					
.081				-.0276						
.086			.0007							
.094		-.0514								
.113	-.1045									
.150					-.1058	-.0355	-.0059	.0320		
.157									-.0673	
.163			-.0223							
.177				-.1328						
.229		-.0737								
.246			-.1135							
.247	-.0940									

ARC97-019 TAB! LVAPIALLHL SEALEDI LEFT WING TOP (RETO45)

ALPHAO(7) = 8.072 BETAO (1) = -.153

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1751	-.1311	-.1034	-.0746		
.274				-.1740						
.345									-.1144	
.362		-.0727								
.390			-.1795							
.400					-.2246	-.2008		-.1693		
.402				-.2260						
.418										-.0433
.429	-.0729									
.497		-.1341								
.503									-.1448	
.547	-.0766									
.550					-.2412	-.2278				
.565				-.2243						
.600								-.2091		
.637			-.1869							
.638	-.1354									
.650							-.2204			
.670									-.1935	
.700		-.1567				-.2381				
.725					-.2423					
.727	-.1327									
.730										-.1939
.750							-.2247	-.2158		
.760				-.2020						
.775					-.2411	-.2465				
.793	-.1216									
.798			-.1645							
.808				-.2233						
.834		-.1371								
.839			-.1936							
.850					-.2385	-.2518	-.2268			
.857				-.2207						
.862									-.1929	
.885		-.1708								
.899			-.1956							
.900		-.1465			-.2250			-.2037		
.905				-.1852						
.919			-.1952							
.950					-.1959	-.2591	-.2154			
.953				-.1936						
.955			-.1875							
		-.1165								
1.000				-.1709		-.1898		-.1381		

ARC97-019 TA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETURN: [illegible])

REFERENCE DATA

SREF = 2696.0000 SQ FT XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMR = .0000 IN. YT
BREF = 1497.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.550 RN/FT = 2.500
ELV-1B = 10.000 ELV-0B = -4.[illegible]
RUDDER = .000 SPOIL = .00

ALPHA(0) (1) = -6.268 BETA(0) (1) = .417

SECTION (1):LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.000	-.1642	-.0113	-.0324	.2052	.4890	.4351	.4024	.4286	-.3694	
.010		-.0234	-.0147	.2959	.5398	.5445	.5453	5265		
.020		-.0343	.0004	.2704	.4848	.4825	.4937	.5098	-.0879	
.040			.0076	.2210						
.041	-.1418									
.050		-.0379			.3420	.3442	.3521	.3904		
.069									-.1051	
.080					.2085					
.081				.1677						
.088			.0781							
.094		-.0685								
.113	-.1306									
.150					.0219	.0623	.1064	.1702		
.157									-.1597	
.163			.1810							
.177				.0516						
.229		.0088								
.248			0473							
.247	-.052[illegible]									
.250					-.0710	-.0593	-.0328	-.0108		
.274				-.0221						
.345									-.1881	
.362		.0911								
.390			-.0330							
.400					-.1878	-.1852		-.1874		
.402				-.1522						
.418										-.2894
.429	.0184									
.497		-.0530								
.503									-.2070	
.547	.0217									
.550					-.2107	-.2158				
.565				-.1580						
.600								-.2749		
.637			-.0025							
.638	-.1035									
.650							-.2512			
.670									-.1883	

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU46)

ALPHAO(1) = -6.268 BETAO (1) = .417

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.700		-.0808				-.2280				
.725					-.0017					
.727	-.0884									
.730										-.2574
.750							-.1688	-.2119		
.760				.0757						
.775					-.1758	-.2407				
.793	.2350									
.798			.0971							
.808				-.1620						
.834		.1110								
.839			-.1765							
.850					-.1607	-.1193	-.1448			
.857				-.1522						
.862									-.1289	
.865		-.2153								
.879			-.1707							
.900		-.1379			-.1091			-.1244		
.905				-.1470						
.919			-.1487							
.950					-.0?36	-.0802	-.0926			
.953				[illegible]						
.955			-.1533							
.965		-.1369								
1.000				-.30?9		-.2321		-.2738		

ALPHAO(2) = -4.270 BETAO (1) = -3.8?1

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0999	.03?	.02?3	.31?2	.6674	.6?95	.?959	[illegible]	-.2?80	
.010		.07?4	.0290	.3771	.60?6	.?329	.63?	.5049		
.020		.0269	.0400	.3183	.5255	.5375	[illegible]	.?123	.0202	
.040			.0429	.2356						
.04?	-.0898									
.050		.0200			.3455	.3549	.3739	.4052		
.069									-.0184	
.090					.1926					
.081				.15?6						
.096			[illegible]							
.?94		-.0265								
.?13	-.0940									

ARC97-019 TAB1 (VAPIALLHL SEALED) LEFT WING TOP (RETU46)

ALPHA0(21) = -4.270 BETA0 (1) = -3.851

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.150					.0017	.0438	.0882	.1455		
.157									-.1192	
.163			.1730							
.177				.0276						
.229		.0117								
.246			.0352							
.247	-.0178									
.250					-.1352	-.1085	-.0719	-.0388		
.274				-.0863						
.345									-.1690	
.362		.0837								
.390			-.0716							
.400					-.2374	-.2372		-.2192		
.402				-.1885						
.418										-.3479
.429	.0272									
.497		-.0603								
.503									-.2004	
.547	.0134									
.550					-.2609	-.2746				
.565				-.2163						
.600								-.3038		
.637			-.1718							
.638	-.1051									
650							-.3015			
.670									-.2004	
.700		-.1411				-.2704				
.725					-.1758					
.727	-.1191									
.730										-.3695
.750							-.2243	-.2427		
.760				-.0101						
.775					-.2834	-.3762				
.793	.0983									
.798			.0468							
.809				-.1768						
.834		.0962								
.839			-.1734							
.850					-.2003	-.2624	-.2080			
.857				-.1331						
.862									-.1775	
.865		-.2049								
.879			-.1388							
.900		-.1162			-.1439			-.1656		
.905				-.1308						

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU46)

ALPHA0(2) = -4.270 BETA0 (1) = -3.851

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.919			-.1335							
.950					-.0811	-.1711	-.1497			
.953				-.1191						
.955			-.1345							
.965		-.1293								
1.000				-.2856		-.2458		-.2639		

ALPHA0(2) = -4.251 BETA0 (2) = .391

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1589	-.0487	-.0460	.2322	.5204	.5071	.4648	.4811	-.3229	
.010		-.0587	-.0239	.2963	.4936	.5429	.5510	.4989		
.020		-.0633	-.0108	.2488	.4318	.4578	.4832	.4762	-.0593	
.040			-.0052	.1761						
.041	-.1537									
.050		-.0536			.2856	.2934	.3247	.3473		
.069									-.0900	
.080					.1528					
.081				.1172						
.086			.0571							
.094		-.0888								
.113	-.1540									
.150					97	.0103	.0478	.1198		
.157									-.1663	
.163			.1442							
.177				.0046						
.229		-.0116								
.246			.0180							
.247	-.0782									
.250					-.1132	-.1135	-.0349	-.0500		
.274				-.0743						
.345									-.0093	
.362		.0681								
.390			-.0709							
.400					-.2041	-.2231		-.2251		
.402				-.1845						
.418										-.3780
.429	.0022									
.497		-.0745								
.503									-.2254	
.547	.0038									

ARCP7-019 !A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU46)

ALPHAO(2) = -4.251 BETAO (2) = .391

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.2439	-.2550				
.565				-.2090						
.600								-.3032		
.637			-.1297							
.638	-.1271									
.650							-.2856			
.670									-.2110	
.700		-.1151				-.2521				
.725					-.0628					
.727	-.1151									
.730										-.2069
.750							-.2101	-.2485		
.760				.0304						
.775					-.2165	-.3064				
.793	.1806									
.798			.0578							
.808				-.1912						
.834		.0752								
.839			-.2028							
.850					-.1945	-.1341	-.1849			
.857				-.1980						
.862									-.1601	
.865		-.2342								
.879			-.2057							
.900		-.1587			-.1824			-.1659		
.905				-.1720						
.919			-.1695							
.950					-.0898	-.1399	-.1444			
.953				-.1524						
.955			-.1718							
.965		-.1630								
1.000				-.3098		-.2368		-.2531		

ALPHAO(2) = -4.215 BETAO (3) = 3.923

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2071	-.1003	-.0916	.1858	.4248	.4478	.4357	.4848	-.1253	
.010		-.1224	-.0658	.2338	.4201	.5361	.5343	.5083		
.020		-.1302	-.0471	.2098	.3709	.4669	.4800	.4856	-.0563	
.040			-.0335	.1591						
.041	-.2035									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU46)

ALPHA0(2) = -4.215 BETA0 (3) = 3.923

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.050		-.1351			.2411	.3303	.3467	.3505		
.069									-.0874	
.080					.1226					
.081				.1039						
.086			.0381							
.094		-.1392								
.113	-.1970									
.150					-.0312	.0499	.1013	.1301		
.157									-.1622	
.163			.1262							
.177				-.0012						
.229		-.0290								
.246			.0075							
.247	-.1162									
.250					-.0733	-.0596	-.0429	-.0480		
.274				-.0650						
.345									-.1675	
.362		.0590								
.390			-.0635							
.400					-.1684	-.1675		-.2117		
.402				-.1727						
.418										-.0789
.429	-.0156									
.497		-.0750								
.503									-.1936	
.547	-.0069									
.550					-.1845	-.2010				
.565				-.1102						
.600								-.2823		
.637			.0400							
.638	-.1268									
.650							-.2480			
.670									-.1577	
.700		-.0319				.0118				
.725					.0385					
.727	-.1029									
.730										-.1779
.750							-.1631	-.2305		
.760				.0991						
.775					-.1652	-.1875				
.793	.2352									
.799			.1223							
.808				-.1437						
.834		.1421								
.839			-.1532							

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU46)

ALPHAO(2) = -4.215 BETAO (3) = 3.923

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.850					-.1453	-.0918	-.1407			
.857				-.1347						
.862									-.0821	
.865		-.1875								
.879			-.1500							
.900		-.1138			-.1234			-.1002		
.905				-.1469						
.919			-.1361							
.950					-.0942	-.0400	.0150			
.953				-.1323						
.955			-.1358							
.955		-.1203								
1.000				-.2240		-.2818		-.2244		

ALPHAO(3) = -2.110 BETAO (1) = .382

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1727	-.0561	-.0739	.2387	.5810	.5469	.5429	.5533	-.2364	
.010		-.0745	-.0585	.2881	.4972	.5460	.5493	.4764		
.020		-.0816	-.0371	.2346	.4280	.4553	.4562	.4523	-.0324	
.040			-.0262	.1570						
.041	-.1672									
.050		-.0710			.2598	.2797	.2833	.2975		
.069									-.0716	
.080					.1168					
.081				.0761						
.086			.0462							
.094		-.1083								
.113	-.1753									
.150					-.0536	-.0189	.0210	.0581		
.157									-.1667	
.163			.1198							
.177				-.0203						
.229		-.0350								
.246			-.0088							
.247	-.1004									
.250					-.1680	-.1525	-.1331	-.1029		
.274				-.1124						
.345									-.2154	
.382		.0418								
.390			-.1011							

ARC97-019 (AB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU48)

ALPHA0(3) = -2.110 BETA0 (1) = .382

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.400					-.2468	-.2740		-.2625		
.402				-.2125						
.418										-.2530
.429	-.0138									
.497		-.1002								
.503									-.2433	
.547	-.0187									
.550					-.2759	-.2983				
.565				-.2439						
.600								-.3317		
.637			-.1860							
.638	-.1559									
.650							-.3237			
.670									-.2293	
.700		-.1595				-.2849				
.725					-.1077					
.727	-.1320									
.730										-.1101
.750							-.2508	-.2797		
.760				-.0075						
.775					-.2480	-.3584				
.793	.1360									
.798			.0392							
.808				-.1978						
.834		.0664								
.839			-.2023							
.850					-.2252	-.1615	-.2289			
.857				-.2040						
.862									-.1709	
.865		-.2337								
.879			-.2139							
.900		-.1876			-.2081			-.2086		
.905				-.2042						
.919			-.1962							
.950					-.1385	-.1583	-.1773			
.953				-.1699						
.955			-.1847							
.965		-.1021								
1.000				-.3091		-.2460		-.2869		

ARC97-019 !A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN6)

ALPHAO(4) = -.014 BETAO (1) = -5.856

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0793	.0681	.0626	.3735	.7706	.7477	.7300	.7382	-.0267	
.010		.0472	.0425	.3691	.5583	.6255	.6318	.5417		
.020		.0196	.0377	.2820	.4664	.5049	.5096	.4856	.0807	
.040			.0370	.1839						
.041	-.0289									
.050		.0279			.2620	.2910	.3002	.2974		
.069									.0110	
.080					.1025					
.081				.0675						
.086			.0763							
.094		-.0110								
.113	-.0671									
.150					-.1048	-.0491	.0094	.0522		
.157									-.1174	
.163			.1207							
.177				-.0523						
.229		-.0239								
.246			-.0224							
.247	-.0446									
.250					-.1977	-.1915	-.1581	-.1217		
.274				-.1642						
.345									-.1907	
.362		.0524								
.390			-.1358							
.400					-.3066	-.3050		-.2869		
.402				-.2512						
.418										-.0680
.429	.0019									
.497		-.0929								
.503									-.2362	
.547	.0026									
.550					-.3271	-.3499				
.565				-.2742						
.600								-.3504		
.637			-.2258							
.638	-.1436									
.650							-.3580			
.670									-.2578	
.700		-.1796				-.3480				
.725					-.2931					
.727	-.1445									
.730										-.0482
.750							-.3132	-.2911		
.760				-.1807						
.775					-.3847	-.4275				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU46)

ALPHAO(4) = -.014 BETAO (1) = -5.856

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.783	-.1304									
.798			-.0907							
.808				-.2697						
.834		-.0284								
.839			-.2252							
.850					-.3221	-.3832	-.2836			
.857				-.2002						
.862									-.2326	
.865		-.2244								
.879			-.1562							
.900		-.1184			-.2285			-.2071		
.905				-.1751						
.919			-.1457							
.950					-.1819	-.3890	-.2268			
.953				-.1490						
.955			-.1316							
.965		-.1303								
1.000				-.2661		-.3238		-.2452		

ALPHAO(4) = -.012 BETAO (2) = -3.894

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8970	.9720	1.0000
X/CW										
.000	-.1045	.0277	.0145	.3402	.7345	.7106	.6818	.6543	.0537	
.010		.0142	.0040	.3345	.5210	.6004	.5947	.5040		
.020		.0065	.0078	.2551	.4378	.4048	.4825	.4631	.0524	
.040			.0129	.1610						
.041	-.0830									
.050		.0059			.2403	.2779	.2832	.2762		
.069									-.0053	
.080					.0851					
.081				.0529						
.086			.0667							
.094		-.0474								
.113	-.1096									
.150					-.0972	-.0541	.0023	.0394		
.157									-.1346	
.163			.1070							
.177				-.0441						
.229		-.0413								
.246			-.0393							
.247	-.0758									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU46)

ALPHA0(4) = -.012 BETA0 (2) = -3.894

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1918	-.1896	-.1577	-.1328		
.274				-.1684						
.345									-.2010	
.382		.0386								
.390			-.1425							
.400					-.3077	-.3020		-.2883		
.402				-.2591						
.418										-.0955
.429	-.0188									
.497		-.1089								
.503									-.2455	
.547	-.0211									
.550					-.3285	-.3478				
.565				-.2718						
.600								-.3500		
.637			-.2255							
.638	-.1475									
.650							-.3579			
.670									-.2687	
.700		-.1882				-.3505				
.725					-.2901					
.727	-.1558									
.730										-.0723
.750							-.3082	-.2998		
.765				-.1233						
.775					-.3701	-.4267				
.793	-.1016									
.798			-.0643							
.808				-.2428						
.834		-.0030								
.839			-.2175							
.850					-.2879	-.3530	-.2805			
.857				-.2228						
.862									-.2245	
.865		-.2288								
.879			-.1888							
.900		-.1834			-.2375			-.2218		
.905				-.1928						
.919			-.1717							
.950					-.1784	-.3254	-.2278			
.953				-.1639						
.955			-.1609							
.965		-.1872								
1.000				-.2802		-.3088		-.2610		

ARC97-019 IA81 LVAP(ALLML SEALED) LEFT WING TOP (RETUN6)

ALPHAO(4) = -.017 BETAO (3) = -1.729

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.000	-.1503	.0368	-.0470	.3049	.6681	.6659	.6458	.6494	-.0918	
.010		.0021	-.0448	.3014	.4917	.5694	.5690	.4728		
.020		-.0300	-.0238	.2314	.4161	.4619	.4583	.4304	.0117	
.040			-.0080	.1431						
.041	-.1487									
.050		-.0396			.2281	.2604	.2613	.2590		
.069									-.0411	
.080					.0803					
.081				.0484						
.086			.0475							
.094		-.0858								
.113	-.1404									
.150					-.0925	-.0560	-.0134	.0269		
.157									-.1578	
.163			.0910							
.177				-.0538						
.229		-.0546								
.246			-.0362							
.247	-.0937									
.250					-.1884	-.1890	-.1642	-.1434		
.274				-.1674						
.345									-.2165	
.362		.0257								
.390			-.1380							
.400					-.2938	-.3053		-.2960		
.402				-.2559						
.418										-.1042
.429	-.0277									
.497		-.1173								
.503									-.2522	
.547	-.0308									
.550					-.3178	-.3427				
.565				-.2731						
.600								-.3556		
.637			-.2233							
.638	-.1598									
.650							-.3821			
.670									-.2573	
.700		-.1867				-.3443				
.725					-.2474					
.727	-.1584									
.730										-.1033
.750							-.3082	-.3072		
.760				-.1014						
.775					-.3358	-.4184				

ARC87-018 IABI LVAP(ALLHL SCALED) LEFT WING TOP (RETURN)

ALPHAO(4) = -.017 BETAO (3) = -1.728

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0581									
.798			-.0362							
.808				-.2248						
.834		.0190								
.839			-.2078							
.850					-.2627	-.3275	-.2795			
.857				-.2128						
.862									-.2171	
.865		-.2279								
.875			-.1951							
.900		-.1700			-.2439			-.2097		
.905				-.1926						
.919			-.1793							
.950					-.1768	-.2752	-.2308			
.953				-.1633						
.955			-.1691							
.965		-.1752								
1.000				-.2918		-.2871		-.2770		

ALPHAO(4) = -.008 BETAO (4) = .358

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1862	-.0703	-.1019	.2543	.6166	.6197	.5977	.6014	-.1311	
.010		-.0853	-.0952	.2678	.4568	.5309	.5298	.4372		
.020		-.0892	-.0732	.2045	.3817	.4263	.4260	.3956	-.0235	
.040			-.0599	.1286						
.041	-.1798									
.050		-.0805			.2052	.2396	.2421	.2338		
.069									-.0780	
.080					.0673					
.081				.0432						
.086			.0295							
.094		-.1187								
.113	-.1801									
.150					-.1018	-.0678	-.0260	.0100		
.157									-.1772	
.163			.0880							
.177				-.0526						
.229		-.0618								
.248			-.0411							
.247	-.1279									

ARC97-019 TABLE (VAP((LHL SEALED) LEFT WING TOP (RETURN)

ALPHA0(4) = -.008 BETA0 (4) = .358

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1856	-.1920	-.1806	-.1558		
.274				-.1607						
.345									-.2265	
.362		.0215								
.390			-.1375							
.400					-.2890	-.3094		-.3066		
.402				-.2447						
.418										-.0598
.429	-.0303									
.497		-.1216								
.503									-.2539	
.547	-.0376									
.550					-.3102	-.3494				
.565				-.2730						
.600								-.3612		
.637			-.2227							
.638	-.1702									
.650							-.3676			
.670									-.2465	
.700		-.1843				-.3371				
.725					-.1854					
.727	-.1567									
.730										-.2127
.750							-.2924	-.3146		
.760				-.2078						
.775					-.2198	-.3971				
.793	.0819									
.798			.0002							
.808				-.2198						
.834		.0414								
.839			-.2151							
.850					-.2691	-.3240	-.2778			
.857				-.2221						
.862									-.2297	
.865		-.2406								
.879			-.2208							
.900		-.1949			-.2527			-.3178		
.905				-.2178						
.919			-.2138							
.950					-.1879	-.2189	-.2300			
.953				-.1931						
.955			-.2038							
.965		-.2043								
.972				-.2103		-.2568		-.2784		

ARC97-019 !AB1 LVAPIALLML SEALED) LEFT WING TOP (RETURN)

ALPHA0(4) = 002 BETA0 (5) = 2.458

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.000	-.2254	-.0981	-.1412	.2849	.5089	.5555	.5472	.6545	-.0382	
.010		-.1245	-.1070	.2648	.4385	.4794	.4877	.4705		
.020		-.1322	-.0738	.2063	.3888	.3839	.3910	.4380	.0374	
.040			-.0596	.1298						
.041	-.2165									
.050		-.1258			.1946	.2092	.2085	.2769		
.069									-.0164	
.080					.0527					
.081				.0437						
.086			.0166							
.094		-.1574								
.113	-.2025									
.150					-.0996	-.0780	-.0419	.0474		
.157									-.1384	
.163			.0899							
.177				-.0543						
.229		-.0532								
.246			-.0353							
.247	-.1633									
.250					-.1978	-.1920	-.1914	-.1105		
.274				-.1464						
.345									-.1791	
.362		.0174								
.390			-.1244							
.400					-.2751	-.3101		-.2771		
.402				-.2331						
.410										.0342
.429	-.0309									
.497		-.1140								
.503									-.2006	
.547	-.0401									
.550					-.2978	-.3417				
.565				-.2568						
.600								-.3382		
.627			-.1842							
.638	-.1592									
.650							-.3347			
.670									-.2390	
.700		-.1571				-.2884				
.725					-.1253					
.727	-.1414									
.770										-.2351
.750							-.2819	-.2880		
.760				-.0214						
.775					-.2601	-.2975				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RET048)

ALPHAO(4) = .002 BETAO (5) = 2.458

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.1212									
.798			.0188							
.808				-.2138						
.834		.0347								
.839			-.2177							
.850					-.2463	-.1412	-.2397			
.857				-.2261						
.862									-.2201	
.865		-.2492								
.879			-.2319							
.900		-.2057			-.2266			-.1559		
.905				-.2330						
.919			-.2193							
.950					-.13[illegible]	-.1421	-.1707			
.953				-.1988						
.955			-.1990							
.965		-.1996								
1.000				-.2342		-.2394		-.2697		

ALPHAO(4) = .017 BETAO (5) = 3.895

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2494	-.1198	-.1315	.2414	[illegible]	.6470	.6053	.6070	.0051	
.010		-.1500	-.0908	[illegible]	[illegible]	.5185	.4924	.4037		
.020		-.1602	-.0627	[illegible]	[illegible]	.4219	.3873	.3606	-.0025	
.040			-.0485	.[illegible]123						
.041	-.2376									
.050		-.1659			.2512	.2354	.2108	.1965		
.069									-.0607	
.080					.1266					
.081				.0433						
.086			.0092							
.094		-.1761								
.113	-.2313									
.130					-.0321	-.0609	-.0302	-.0003		
.157									-.1749	
.163			.0801							
.177				-.0519						
.229		-.0579								
.246			-.0280							
.247	-.1751									

ARC97-019 !A81 (VAPIALLHL SEALED) LEFT WING TOP (RETU46)

ALPHAO(4) = .017 BETAO (6) = 3.895

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8970	.9720	1.0000
X/CW										
.250					-.1616	-.1781	-.1601	-.1553		
.274				-.1023						
.345									-.2241	
.362		.0243								
.390			-.1081							
.400					-.2370	-.2744		-.3052		
.402				-.1922						
.418										-.0758
.429	-.0357									
.497		-.1044								
.503									-.2598	
.547	-.0312									
.550					-.2492	-.2937				
.565				-.1940						
.600								-.3565		
.637			-.0110							
.638	-.1436									
.650							-.3468			
.670									-.2638	
.700		-.0075				-.2798				
.725					-.0577					
.727	-.0382									
.730										-.2662
.750							-.2722	-.3074		
.760				.0565						
.775					-.2115	-.2559				
.793	.1936									
.798			.0779							
.800				-.1780						
.834		.0951								
.839			-.1772							
.850					-.1921	-.1382	-.2375			
.857				-.1862						
.862									-.2383	
.865		-.2254								
.879			-.1904							
.900		-.1547			-.1806			-.1901		
.905				-.1905						
.919			-.1791							
.950					-.1457	-.1409	-.1673			
.953				-.1868						
.955			-.1883							
.965		-.1579								
1.000				-.2627		-.2803		-.2884		

ARC87-019 IAB; LVAP(ALLHL SEALED) LEFT WING TOP (RETU48)

ALPHAO(4) = .028 BETAO (7) = 6.518

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2398	-.1694	-.0217	.3090	.5983	.5685	.3069	.5473	-.0074	
.010		-.2036	.0031	.2888	.4366	.4677	.4254	.3814		
.020		-.2084	.0343	.2405	.3691	.3707	.3393	.3386	-.0415	
.040			.0484	.1801						
.041	-.2512									
.050		-.2008			.2155	.1967	.1754	.1943		
.069									-.0948	
.080					.0886					
.081				.1028						
.086			.0742							
.094		-.1993								
.113	-.2461									
.150					-.0639	-.0798	-.0515	-.0025		
.157									-.1915	
.163			.1541							
.177				-.0038						
.229		-.0088								
.246			.0343							
.247	-.1881									
.250					-.1497	-.1738	-.1746	-.1606		
.274				-.0789						
.345									-.2157	
.362		.1094								
.390			-.0582							
.400					-.2114	-.2662		-.3066		
.402				-.1842						
.418										-.0861
.429	.0853									
.497		-.0408								
.503									-.2377	
.547	.0450									
.550					-.2387	-.2878				
.565				-.1591						
.600								-.3495		
.637			-.1208							
.638	-.0825									
.650							-.3250			
.670									-.2582	
.700		-.0998				-.2757				
.725					-.0583					
.727	-.0866									
.730										-.3078
.750							-.2459	-.2951		
.762				.0525						
.776					-.1914	-.2637				

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU46)

ALPHAO(4) = .028 BETAO (7) = 6.518

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.1395									
.798			.0827							
.808				-.1691						
.834		.0957								
.839			-.1784							
.850					-.1743	-.1163	-.2101			
.857				-.1893						
.862									-.2202	
.865		-.2240								
.879			-.1973							
.900		-.1659			-.1784			-.1603		
.905				-.2086						
.919			-.1970							
.950					-.1566	-.1113	-.1506			
.953				-.1979						
.955			-.1970							
.965		-.1834								
1.000				-.2148		-.2833		-.3031		

ALPHAO(5) = 2.074 BETAO (1) = .382

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1438	-.0919	-.1165	.3098	.6565	.6633	.6354	.6373	.0250	
.010		-.1074	-.1118	.2539	.4098	.4926	.4832	.3841		
.020		-.1090	-.0892	.1778	.3289	.3772	.3739	.3313	-.0211	
.040			-.0760	.0947						
.041	-.1355									
.050		-.0931			.1485	.1843	.1771	.1841		
.069									-.0778	
.080					.0094					
.081				-.0060						
.086			-.0050							
.094		-.1274								
.113	-.1928									
.150					-.1615	-.1178	-.0818	-.0519		
.157									-.1851	
.163			.0518							
.177				-.1005						
.229		-.0991								
.246			-.0650							
.247	-.1530									

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN6)

ALPHAO(5) = 2.074 BETAO (1) = .362

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2283	-.2449	-.2236	-.2034		
.274				-.1905						
.345									-.2179	
.362		.0069								
.390			-.1840							
.400					-.3252	-.3411		-.3458		
.402				-.2737						
.418										-.0900
.429	-.0476									
.497		-.1309								
.503									-.2513	
.547	-.0447									
.550					-.3414	-.3803				
.565				-.2884						
.600								-.3856		
.637			-.2457							
.638	-.1786									
.650							-.3937			
.670									-.3274	
.700		-.2048				-.3806				
.725					-.2479					
.727	-.1780									
.730										-.4143
.750							-.3452	-.3202		
.760				-.1312						
.775					-.3436	-.4358				
.793	-.0580									
.798			-.0628							
.808				-.2420						
.834		-.0033								
.839			-.2294							
.850					-.2883	-.3076	-.3156			
.857				-.2341						
.862									-.3166	
.865		-.2407								
.879			-.2158							
.900		-.1823			-.2737			-.3208		
.905				-.2179						
.919			-.2080							
.950					-.2180	-.2878	-.2566			
.953				-.1981						
.955			-.1906							
.965		-.2004								
1.000				-.3091		-.2898		-.3153		

ARC97-019 (A81 (VAPIALLHL SEALED) LEFT WING TOP (RETU46)

ALPHA0(6) = 3.563 BETA0 (1) = -3.860

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0762	-.0170	-.0165	.3708	.7513	.7596	.7461	.7483	.1703	
.010		-.0392	-.0414	.2827	.4129	.5142	.4927	.3887		
.020		-.0487	-.0448	.1768	.3154	.3815	.3686	.3276	.0203	
.040			-.0404	.0646						
.041	-.0534									
.050		-.0316			.1176	.1633	.1556	.1478		
.069									-.0380	
.080					-.0304					
.081				-.0587						
.086			.0086							
.094		-.0853								
.113	-.1424									
.150					-.2304	-.1646	-.1128	-.0808		
.157									-.1738	
.163			.0102							
.177				-.1738						
.229		-.0774								
.246			-.1156							
.247	-.1015									
.250					-.3140	-.2917	-.2558	-.2290		
.274				-.2228						
.345									-.2356	
.362		-.0241								
.390			-.1970							
.400					-.3451	-.3870		-.3615		
.402				-.3216						
.418										-.1733
.429	-.0598									
.497		-.1399								
.503									-.3125	
.547	-.0541									
.550					-.3962	-.4215				
.565				-.3159						
.600								-.4048		
.637			-.2687							
.638	-.1829									
.650							-.4190			
.670									-.4030	
.700		-.2272				-.4225				
.725					-.3473					
.727	-.1984									
.730										-.4749
.750							-.3891	-.3148		
.760				-.2250						
.775					-.4182	-.4742				

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU46)

ALPHAO(6) = 3.563 BETAO (1) = -3.860

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1800									
.798			-.1662							
.808				-.3216						
.834		-.1082								
.839			-.2939							
.850					-.3707	-.4394	-.3629			
.857				-.2986						
.862									-.4747	
.865		-.2735								
.879			-.2612							
.900		-.2002			-.3100			-.2694		
.905				-.2657						
.919			-.2102							
.950					-.2481	-.4680	-.2801			
.953				-.2236						
.955			-.1794							
.965		-.1780								
1.000				-.2886		-.3517		-.3246		

ALPHAO(6) = 3.565 BETAO (2) = .374

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1514	-.0889	-.1280	.2727	.6774	.6956	.6808	.6801	.0863	
.010		-.1057	-.1340	.1734	.3439	.4430	.4246	.2935		
.020		-.1038	-.1201	.0928	.2078	.3202	.3101	.2409	-.0711	
.040			-.1088	.0196						
.041	-.1387									
.050		-.1006			.0828	.1202	.1127	.0882		
.069									-.1115	
.080					-.0502					
.081				-.0684						
.086			-.0719							
.094		-.1380								
.113	-.2094									
.150					-.2298	-.1787	-.1399	-.1201		
.157									-.2259	
.163			.0048							
.177				-.1521						
.229		-.1652								
.246			-.0984							
.247	-.1507									

ARC97-019 1AB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN6)

ALPHAO(6) = 3.565 BETAO (2) = .374

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2868	-.2997	-.2723	-.2530		
.274				-.2203						
.345									-.2963	
.362		-.0161								
.390			-.1924							
.400					-.3480	-.3885		-.3781		
.402				-.3052						
.418										-.2928
.429	-.0845									
.497		-.1443								
.503									-.3402	
.547	-.0537									
.550					-.3750	-.4155				
.565				-.3074						
.600								-.4148		
.637			-.2693							
.638	-.1935									
.650							-.4209			
.670									-.4055	
.700		-.2273				-.4140				
.725					-.3045					
.727	-.1988									
.730										-.5070
.750							-.3959	-.3415		
.760				-.1772						
.775					-.3769	-.4677				
.793	-.1206									
.798			-.1195							
.808				-.2800						
.834		-.0438								
.839			-.2849							
.850					-.3178	-.3979	-.3804			
.857				-.2722						
.862									-.4810	
.865		-.2534								
.879			-.2457							
.900		-.1958			-.3026			-.2788		
.905				2478						
.919			-.2148							
.950					-.2501	-.3377	-.2841			
.953				-.2048						
.955			-.1895							
.965		-.1993								
1.000				-.3089		-.3153		-.3533		

ARC87-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU46)

ALPHA0(6) = 3.578 BETA0 (3) = 3.899

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.2288	-.1552	-.2691	.2450	.7125	.6821	.6647	.6238	.0372	
.010		-.1872	-.2506	.1525	.3163	.3737	.3496	.2254		
.020		-.1837	-.2066	.0891	.2378	.2566	.2344	.1773	-.1053	
.040			-.1723	.0250						
.041	-.1973									
.050		-.1818			.0841	.0794	.0569	.0275		
.069									-.1404	
.080					-.0396					
.081				-.0562						
.086			-.0501							
.094		-.1906								
.113	-.2578									
.150					-.2181	-.1938	-.1695	-.1465		
.157									-.2407	
.163			.0225							
.177				-.0851						
.229		-.0972								
.246			-.0696							
.247	-.1875									
.250					-.2544	-.2964	-.2849	-.2654		
.274				-.1757						
.345									-.2997	
.362		.0028								
.390			-.1227							
.400					-.3453	-.3814		-.3784		
.402				-.2574						
.418										-.3551
.429	-.0444									
.497		-.1220								
.503									-.3552	
.547	-.0431									
.550					-.3331	-.3889				
.565				-.2521						
.600								-.4117		
.637			-.1748							
.638	-.1403									
.650							-.4096			
.670									-.4148	
.700		-.1455				-.3809				
.725					-.1808					
.727	-.1150									
.730										-.5246
.750							-.3891	-.3458		
.760				-.0373						
.775					-.2893	-.3889				

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU46)

ALPHAO(6) = 3.578 BETAO (3) = 3.899

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.79[illegible]	.1165									
.798			.0244							
.808				-.1995						
.834		.0692								
.839			-.1959							
.850					-.2547	-.2048	-.3488			
.857				-.2021						
.862									-.4718	
.865		-.2258								
.879			-.2012							
.900		-.1566			-.2271			-.2778		
.905				-.2035						
.919			-.1855							
.950					-.1901	-.1947	-.2571			
.953				-.1863						
.955			-.1761							
.965		-.1734								
1.000				-.1935		-.2637		-.3638		

ALPHAO(7) = 6.314 BETAO (1) = .393

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1765	-.0524	-.1433	.2598	.7139	.7170	.6936	.6501	.0018	
.010		-.1072	-.1565	.1235	.2766	.3603	.3136	.1787		
.020		-.1198	-.1399	.0247	.1747	.2309	.1993	.1190	-.1784	
.040			-.1282	-.0745						
.041	-.1588									
.050		-.1230			.0017	.0340	.0185	-.0319		
.060									-.2084	
.080					-.1168					
.081				-.1489						
.086			-.0988							
.094		-.1362								
.113	-.2209									
.150					-.2792	-.2401	-.2158	-.2025		
.157									-.2970	
.183			-.0544							
.177				-.2074						
.229		-.1334								
.246			-.1357							
.247	-.1157									

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN6)

ALPHAO(7) = 6.314 BETAO (1) = .393

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.3552	-.3448	-.3244	-.3139		
.274				-.2535						
.345									-.3783	
.362		-.0389								
.390			-.2098							
.400					-.3776	-.4244		-.4119		
.402				-.3333						
.418										-.4144
.429	-.0790									
.497		-.1620								
.503									-.4269	
.547	-.0698									
.550					-.4068	-.4548				
.565				-.3289						
.600								-.4426		
.637			-.2855							
.638	-.2139									
.650							-.4461			
.670									-.5293	
.700		-.2468				-.4460				
.725					-.3338					
.727	-.2136									
.730										-.5391
.750							-.4302	-.3827		
.760				-.2143						
.775					-.3993	-.4842				
.793	-.1734									
.799			-.1555							
.808				-.3132						
.834		-.0625								
.839			-.2915							
.850					-.3972	-.4529	-.4118			
.857				-.3072						
.862									-.5277	
.865		-.2528								
.879			-.2673							
.900		-.2081			-.3295			-.3389		
.905				-.2842						
.919			-.2325							
.950					-.3969	-.3996	-.3378			
.953				-.2400						
.955			-.1891							
.965		-.2058								
1.000				-.2903		-.3344		-.3821		

ARC87-019 (AB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU47) (12 OCT 7[illegible])

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 978.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.000 RN/FT = 2.500
ELV-1B = 10.000 ELV-0B = -4.000
RUDDER = .000 SPOBRK = .000

ALPHA0(1) = -6.283 BETA0 (1) = .072

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0044	-.0191	-.0045	.2505	.5643	.5938	.5393	.5545	-.1653	
.010		-.0096	.0000	.2913	.5216	.5500	.6012	.5666		
.020		-.0169	.0091	.2625	.4694	.4710	.5393	.5447	.0262	
.040			.0155	.1993						
.041	.0258									
.050		-.0131			.3359	.3308	.3921	.4190		
.069									.0047	
.080					.2127					
.081				.1335						
.086			.0749							
.094		-.0277								
.113	.0124									
.150					.0645	.0993	.1582	.2148		
.157									-.0497	
.163			.1398							
.177				.0587						
.229		-.0021								
.246			.0569							
.247	-.0367									
.250					-.0111	-.0018	.0204	.0632		
.274				-.0043						
.345									-.0814	
.362		.0770								
.390			-.0193							
.400					-.1098	-.0905		-.0853		
.402				-.0906						
.418										-.2401
.439	.0305									
.447		-.0133								
.503									-.0985	
.547	.0379									
.550					-.1317	-.1370				
.565				-.1149						
.600								-.1530		
.637			-.0921							
.638	-.0481									
.650							-.1452			
.670									-.0740	

ARC97-019 TABLE LYAPIALLHE SEALED) LEFT WING TOP (RETURN)

ALPHA(I 1) = -6.283 BETA(1) = .072

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CH										
.700		-.0615				-.1436				
.725					-.1248					
.727	-.0491									
.730										-.2689
.750							-.0917	-.1179		
.760				.0030						
.775					-.1808	-.2184				
.793	.1443									
.796			.0395							
.808				-.1082						
.834		.0914								
.839			-.0921							
.850					-.1458	-.2110	-.0860			
.857				-.1134						
.862									-.0542	
.885		-.1048								
.879			-.1073							
.900		-.0844			-.1238			-.0729		
.905				-.1048						
.919			-.0914							
.950					-.1042	-.1518	-.0497			
.953				-.0944						
.955			-.0921							
.965		-.0749								
1.000				-.1632		-.1101		-.1512		

ALPHA(I 2) = -4.315 BETA(1) = -4.[illegible]

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CH										
.000	0474	-.0131	.0493	.3397	.7479	.2050	.6849	.7927	-.0643	
.010		.0104	.0490	.3438	.6008	.6590	.6718	.6329		
.020		.0247	.0535	.2780	.5186	.5647	.5841	.6007	.1135	
.040			.0591	.1984						
.041	.0525									
.050		0044			.3371	.3841	.4021	.4353		
.069									.0748	
.080					.1939					
081				.1100						
.085			.1056							
.[illegible]		-.0[illegible]								
3	.0391									

ARC97-019 TAB1 (VAPIALLHL SEALED) LEFT WING TOP (RETUN7)

ALPHA0(2) = -4.315 BETA0 (1) = -4.217

SECTION (11) LEFT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.2990	.3840	.4270	.5340	.6730	.7900	.8870	.8720	1.0000
X/CM										
.150					.0080	.0849	.1460	.2169		
.157									-.0092	
.163			.1202							
.177				.0003						
.229		.0301								
.248			.0240							
.247	-.0125									
.250					-.0807	-.0398	.0002	.0560		
.274				-.0508						
.345									-.0572	
.362		.0840								
.390			-.0547							
.400					-.1479	-.1445		-.0988		
.402				-.1338						
.418										-.1380
.429	.0334									
.487		-.0313								
.503									-.0848	
.547	.0251									
.550					-.1813	-.1815				
.565				-.1446						
.600								-.1692		
.637			-.1178							
.638	-.0578									
.650							-.1908			
.670									-.0880	
.700		-.0808				-.1853				
.725					-.1313					
.727	-.0638									
.730										-.1786
.750							-.1328	-.1443		
.760				-.0740						
.775					-.2204	-.2286				
.793	.0213									
.798			-.0195							
.808				-.1801						
.834		.0281								
.839			-.1214							
.850					-.2220	-.2229	-.1259			
.857				-.1452						
.862									-.0800	
.865		-.1124								
.879			-.1186							
.900		-.0846			-.1658			-.0944		
.905				-.1243						

ARC97-019 IA81 (VAP(ALLHL SEALED) LEFT WING TOP (RETURN)

ALPHAO(2) = -4.315 BETAO (1) = -4.217

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.919			-.1012							
.950					-.1044	-.2220	-.0971			
.953				-.1119						
.955			-.0825							
.965		-.0639								
1.000				-.1227		-.1476		-.1659		

ALPHAO(2) = -4.282 BETAO (2) = .044

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0144	-.0381	-.0116	.2151	.5529	.5995	.5585	.5803	-.1333	
.010		-.0311	-.0129	.2516	.4549	.5834	.5746	.5343		
.020		-.0371	-.0085	.2157	.3971	.4975	.5098	.5074	.0350	
.040			-.0046	.1493						
.041	-.0003									
.050		-.0368			.2634	.3324	.3578	.3753		
.069									.0083	
.080					.1548					
.081				.0822						
.086			.0377							
.094		-.0494								
.113	-.0051									
.150					.0202	.0543	.1212	.1705		
.157									-.0582	
.163			.0886							
.177				.0011						
.229		-.0314								
.246			.0167							
.247	-.0554									
.250					-.0473	-.0517	-.0114	.0270		
.274				-.0469						
.345									-.0962	
.382		.0437								
.390			-.0559							
.400					-.1311	-.1348		-.1131		
.402				-.1190						
.418										-.2013
.429	.0032									
.497		-.0388								
.503									-.1152	
.547	.0131									

ARC97-019 IAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU47)

ALPHAO(2) = -4.282 BETAO (2) = .044

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.550					-.1582	-.1594				
.565				-.1385						
.600								-.1779		
.637			-.1173							
.638	-.0692									
.650							-.1755			
.670									-.1065	
.700		-.0840				-.1740				
.725					-.1447					
.727	-.0730									
.730										-.2388
.750							-.1242	-.1490		
.760				-.0303						
.775					-.1949	-.2278				
.793	.1006									
.798			-.0011							
.808				-.1343						
.834		.0517								
.839			-.1192							
.850					-.1682	-.2127	-.1191			
.857				-.1413						
.862									-.0875	
.865		-.1302								
.879			-.1205							
.900		-.0847			-.1443			-.1031		
.905				-.1272						
.919			-.1125							
.950					-.1202	-.1854	-.0898			
.953				-.1218						
.955			-.1084							
.965		-.0956								
1.000				-.1739		-.1443		-.1810		

ALPHAO(2) = -4.245 BETAO (3) = 3.589

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0485	-.0665	-.0554	.2044	.4995	.4152	.3787	.4396	-.1948	
.010		-.0707	-.0539	.2317	.4561	.4386	.4206	.4159		
.020		-.0778	-.0453	.1993	.3954	.3819	.3724	.3982	-.0412	
.040			-.0392	.1461						
.041	-.0405									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU47)

ALPHA0(2) = -4.245 BETA0 (3) = 3.589

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.050		-.0765			.2576	.2621	.2585	.2949		
.069									-.0378	
.080					.1524					
.081				.0951						
.086			.0200							
.094		-.0776								
.113	-.0466									
.150					.0227	.0501	.0868	.1238		
.157									-.1048	
.163			.1018							
.177				.0178						
.229		-.0377								
.246			.0283							
.247	-.0922									
.250					-.0482	-.0409	-.0176	.0059		
.274				-.0281						
.345									-.1299	
.362		.0515								
.390			-.0402							
.400					-.1303	-.1268		-.1169		
.402				-.1064						
.418										-.2476
.429	.0038									
.497		-.0319								
.503									-.1416	
.547	.0119									
.550					-.1530	-.1618				
.565				-.1325						
.600								-.1752		
.637			-.1073							
.638	-.0601									
.650							-.1672			
.670									-.1199	
.700		-.0821				-.1389				
.725					-.1410					
.727	-.0700									
.730										-.2724
.750							-.1158	-.1430		
.760				-.0214						
.775					-.1888	-.2286				
.793	.0960									
.798			.0213							
.808				-.1204						
.834		.0569								
.839			-.1256							

ARC87-019 1A81 (VAP'ALLHL SEALED) LEFT WING TOP (RETU47)

ALPHAO(2) = -4.245 BETAO (3) = 3.589

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.850					-.1568	-.1933	-.1098			
.857				-.1313						
.862									-.0899	
.865		-.1290								
.879			-.1350							
.900		-.0943			-.1401			-.1092		
.905				-.1280						
.919			-.1220							
.950					-.1256	-.1532	-.0786			
.953				-.1251						
.955			-.1309							
.965		-.1117								
1.000				-.1974		-.1792		-.1306		

ALPHAO(3) = -2.148 BETAO (1) = .035

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.8730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0359	-.0583	-.0253	.1854	.8333	.5982	.5991	.8125	-.0884	
.010		-.0522	-.0276	.1946	.4440	.5443	.5647	.5176		
.020		-.0590	-.0228	.1538	.3743	.4590	.4832	.4851	.0419	
.040			-.0180	.0842						
.041	-.0253									
.050		-.0574			.2117	.2978	.3224	.3371		
.089									.0073	
.080					.0978					
.081				.0286						
.088			.0148							
.094		-.0669								
.113	-.0278									
.150					-.0434	.0281	.0846	.1362		
.157									-.0858	
.163			.0392							
.177				-.0318						
.229		-.0588								
.246			-.0237							
.247	-.0724									
.250					-.0998	-.0873	-.0451	-.0062		
.274				-.0723						
.345									-.1084	
.362		.0072								
.390			-.0883							

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU47)

ALPHAO(3) = -2.143 BETAO (1) = .035

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.400					-.1592	-.1697		-.1429		
.402				-.1419						
.418										-.1482
.429	-.0355									
.497		-.0643								
.503									-.1311	
.547	-.0137									
.550					-.1895	-.1939				
.565				-.1585						
.600								-.2026		
.637			-.1374							
.638	-.0882									
.650							-.2048			
.670									-.1304	
.700		-.1013				-.1987				
.725					-.1874					
.727	-.0878									
.730										-.1999
.750							-.1805	-.1790		
.760				-.0637						
.775					-.2125	-.2308				
.793	.0820									
.798			-.0410							
.808				-.1572						
.834		.0213								
.839			-.1476							
.850					-.1908	-.2280	-.1526			
.857				-.1608						
.862									-.1175	
.865		-.1283								
.879			-.1377							
.900		-.1018			-.1852			-.1403		
.905				-.1398						
.919			-.1269							
.950					-.1382	-.2114	-.1228			
.953				-.1351						
.955			-.1189							
.965		-.1108								
1.000				-.1744		-.1837		-.1708		

ARC97-019 IA81 LVAP(ALLML SEALED) LEFT WING TOP (RETU47)

ALPHAO(4) = -.077 BETAO (1) = -8.234

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0448	.0109	.0843	.4188	.8580	.8113	.8041	.8211	.0750	
.010		.0237	0710	.4039	.6298	.6820	.6909	.6140		
.020		.0189	.0662	.3142	.5306	.5667	.5832	.5697	.1516	
.040			.0665	.2024						
.041	.0054									
.050		.0160			.3202	.3648	.3825	.3947		
.069									.0960	
.080					.1678					
.081				.0934						
.086			.0993							
.094		.0224								
.113	.0221									
.150					-.0279	.0496	.1070	.1623		
.157									-.0084	
.163			.1000							
.177				-.0509						
.229		.0083								
.248			-.0288							
.247	-.0023									
.250					-.1278	-.0787	-.0382	.0090		
.274				-.1105						
.345									-.0623	
.362		.0237								
.390			-.1088							
.400					-.2018	-.1812		-.1379		
.402				-.1793						
.418										.0114
.429	.0028									
.497		-.0858								
.503									-.0969	
.547	.0044									
.550					-.2225	-.2203				
.565				-.1949						
.600								-.1991		
.637			-.1589							
.638	-.0834									
.650							-.2168			
.670									-.1231	
.700		-.1180				-.2328				
.725					-.2268					
.727	-.0898									
.730										-.0486
.750							-.1840	-.1759		
.760				-.1545						
.775					-.2841	-.2404				

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU47)

ALPHAO(4) = -.077 BETAO (1) = -8.234

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0800									
.798			-.1114							
.808				-.2185						
.834		-.0771								
.839			-.1930							
.850					-.1920	-.2694	-.1789			
.857				-.2150						
.862									-.1234	
.865		-.1678								
.879			-.1898							
.900		-.1315			-.1816			-.1286		
.905				-.1725						
.919			-.1614							
.950					-.1709	-.2496	-.1556			
.953				-.1470						
.955			-.1292							
.965		-.0781								
1.000				-.1183		-.1975		-.1547		

ALPHAO(4) = -.076 BETAO (2) = -4.257

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	.0189	-.0354	.0467	.3214	.5249	.7507	.7346	.7731	.0487	
.010		-.0231	.0352	.3339	.5672	.6283	.6395	.5858		
.020		-.0286	.0336	.2512	.4695	.5199	.5373	.5460	.1272	
.040			.0339	.1490						
.041	-.0125									
.050		-.0270			.2771	.3285	.3468	.3751		
.069									.0723	
.080					.1359					
.081				.0567						
.086			.0620							
.094		-.0318								
.113	-.0687									
.150					-.0552	.0269	.0849	.1464		
.157									-.0236	
.163			.0540							
.177				-.0755						
.199		-.0173								
.215			-.0535							
.247	-.0460									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU47)

ALPHAO(4) = -.076 BETAO (2) = -4.257

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1422	-.0939	-.0551	-.0026		
.274				-.1202						
.345									-.0792	
.362		-.0021								
.390			-.1256							
.400					-.2087	-.1901		-.1436		
.402				-.1317						
.418										-.0168
.429	-.0151									
.497		-.0854								
.503									-.1099	
.547	-.0238									
.550					-.2278	-.2267				
.565				-.1962						
.600								-.2046		
.637			-.1628							
.638	-.1031									
.650							-.2196			
.670									-.1328	
.700		-.1252				-.2363				
.725					-.2206					
.727	-.1015									
.730										-.0740
.750							-.1833	-.1813		
.760				-.1451						
.775					-.2604	-.2439				
.793	-.0742									
.798			-.0908							
.808				-.2099						
.834		-.0434								
.839			-.1770							
.850					-.1989	-.2697	-.1798			
.857				-.1997						
.862									-.1289	
.865		-.1420								
.879			-.1732							
.900		-.1255			-.1841			-.1371		
.905				-.1725						
.919			-.1512							
.950					-.1681	-.2385	-.1593			
.953				-.1667						
.955			-.1234							
.965		-.0932								
1.000				-.1431		-.1915		-.1828		

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETU47)

ALPHA0(4) = -.074 BETA0 (3) = -2.080

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0201	-.0606	-.0011	.3056	.7225	.6829	.6928	.7113	.0120	
.010		-.0480	-.0103	.2817	.5070	.5747	.6075	.5401		
.020		-.0548	-.0132	.2085	.4142	.4686	.5109	.5023	.0903	
.040			-.0106	.1108						
.041	-.0400									
.050		-.0464			.2341	.2958	.3283	.3394		
.069									.0478	
.080					.1059					
.081				.0210						
.086			.0151							
.094		-.0534								
.113	-.0464									
.150					-.0674	.0182	.0720	.1238		
.157									-.0455	
.153			.0209							
.177				-.0949						
.229		-.0498								
.246			-.0628							
.247	-.0660									
.250					-.1524	-.1001	-.0645	-.0179		
.274				-.1249						
.345									-.0930	
.362		-.0295								
.390			-.1217							
.400					-.2074	-.1930		-.1505		
.402				-.1899						
.418										-.0481
.429	-.0496									
.497		-.0921								
.503									-.1260	
.547	-.0381									
.550					-.2168	-.2267				
.565				-.1870						
.600								-.2110		
.637			-.1599							
.638	-.1088									
.650							-.2234			
.670									-.1429	
.700		-.1430				-.2359				
.725					-.2055					
.727	-.1566									
.730										-.1010
.750							-.1879	-.1839		
.750				-.1134						
.775					-.2426	-.2359				

ARC97-019 IA81 (VAP(ALLHL SEALED) LEFT WING TOP (RETU47)

ALPHAO(4) = -.074 BETAO (3) = -2.080

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0426									
.798			-.0730							
.808				-.1895						
.834		-.0273								
.839			-.1640							
.850					-.2387	-.2810	-.1833			
.857				-.1844						
.862									-.1384	
.865		-.1492								
.879			-.1589							
.900		-.1243			-.1753			-.1589		
.905				-.1617						
.919			-.1414							
.950					-.1369	-.2473	-.1628			
.953				-.1576						
.955			-.1233							
.965		-.1037								
1.000				-.1487		-.1862		-.1713		

ALPHAO(4) = -.070 BETAO (4) = .011

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0475	-.0735	-.0391	.2239	.6743	.6444	.6405	.6472	-.0223	
.010		-.0693	-.0464	.1894	.4722	.5436	.5621	.4933		
.020		-.0738	-.0429	.1263	.3841	.4425	.4707	.4580	.0537	
.040			-.0378	.0555						
.041	-.0539									
.050		-.0661			.2080	.2655	.2971	.3055		
.069									.0126	
.080					.0831					
.081				-.0098						
.086			-.0091							
.094		-.0826								
.113	-.0571									
.150					-.0818	-.0040	.0501	.1010		
.157									-.0705	
.163			.0011							
.177				-.0778						
.229		-.0784								
.246			-.0802							
.247	-.0905									

ARC87-019 TABLE LVAP(ALLHL SEALED) LEFT WING TOP (RETURN)

ALPHA(41) = -.070 BETA(41) = .011

SECTION (11)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.5730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1493	-.1104	-.0759	-.0345		
.274				-.0985						
.345									-.1171	
.362		-.0322								
.390			-.1084							
.400					-.1834	-.1951		-.1635		
.402				-.1681						
.418										-.0728
.429	-.0642									
.497		-.0887								
.503									-.1433	
.547	-.0372									
.550					-.2121	-.2263				
.565				-.1757						
.600								-.2174		
.637			-.1489							
.638	-.1050									
.650							-.2285			
.670									-.1533	
.700		-.1168				-.2247				
.725					-.1869					
.727	-.0989									
.730										-.1225
.750							-.1933	-.2000		
.760				-.0800						
.775					-.2219	-.2387				
.793	.0379									
.798			-.0592							
.808				-.1668						
.834		-.0015								
.839			-.1581							
.850					-.2071	-.2498	-.1873			
.857				-.1751						
.862									-.1414	
.865		-.1432								
.879			-.1511							
.900		-.1171			-.1821			-.1590		
.908				-.1557						
.929			-.1348							
.950					-.1515	-.2244	-.1626			
.953				-.1516						
.978			-.1358							
.985		-.1226								
1.000				-.1385		-.1683		-.1758		

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN7)

ALPHA0(%) = -.060 BETA0 (S) = 2.115

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2950	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0728	-.1006	-.0618	.2239	.6000	.5607	.5662	.5798	-.0511	
.010		-.0996	-.0689	.1824	.4175	.4820	.4980	.4432		
.020		-.1041	-.0654	.1189	.3367	.3988	.4166	.4133	.0224	
.040			-.0632	.0484						
.041	-.0652									
.050		-.1002			.1787	.2411	.2567	.2697		
.069									-.0181	
.080					.0651					
.081				-.0013						
.086			-.0338							
.094		-.1060								
.113	-.0700									
.150					-.0800	-.0112	.0384	.0792		
.157									-.0893	
.163			.0080							
.177				-.0562						
.229		-.1053								
.246			-.0386							
.247	-.1121									
.250					-.1254	-.1181	-.0825	-.0450		
.274				-.0897						
.345									-.1297	
.362		-.0257								
.390			-.0938							
.400					-.1794	-.1958		-.1668		
.402				-.1587						
.416										-.0869
.429	-.0789									
.497		-.0773								
.503									-.1527	
.547	-.0315									
.550					-.1999	-.2182				
.565				-.1868						
.600								-.2207		
.637			-.1403							
.638	-.0828									
.650							-.2257			
.670									-.1550	
.700		-.1134				-.2165				
.725					-.1731					
.727	-.0954									
.730										-.1340
.750							-.1858	-.2017		
.760				-.0747						
.775					-.2138	-.2472				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU47)

ALPHAO(4) = -.060 BETAO (5) = 2.115

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0433									
.798			-.0523							
.808				-.1684						
.834		-.0073								
.839			-.1569							
.850					-.2018	-.2271	-.1782			
.857				-.1761						
.862									-.1433	
.865		-.1495								
.879			-.1560							
.900		-.1282			-.1854			-.1685		
.905				-.1568						
.919			-.1512							
.950					-.1601	-.2012	-.1488			
.953				-.1574						
.955			-.1464							
.965		-.1311								
1.000				-.1678		-.1955		-.1592		

ALPHAO(4) = -.050 BETAO (6) = 3.551

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0861	-.1054	-.0687	[illegible]	[illegible]	.4900	.4916	.5225	-.0767	
.010		-.1060	-.0769	[illegible]	[illegible]	.4254	.4421	.3998		
.020		[illegible]	-.0760	[illegible]	[illegible]	.3499	.3599	[illegible]	-.008	
.040			-.0731	[illegible]						
.041	-.0797									
.050		-.1060			[illegible]	.2111	.2237	.2399		
.069									-.0434	
.080					[illegible]					
.081				.0139						
.085			-.0397							
.094		-.1154								
.113	-.0803									
.150					[illegible]	-.0248	.0207	.0670		
[illegible]									-.1080	
.163			.0263							
[illegible]				-.0422						
[illegible]		-.1024								
.246			-.0314							
[illegible]	[illegible]									

ARC97-019 TAB1 (VAPIALLML SEALED) LEFT WING TOP (RETURN)

ALPHA0(4) = -.050 BETA0 (6) = 3.551

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CM										
.250					-.1178	-.1190	-.0904	-.0538		
.274				-.0884						
.345									-.1433	
.352		-.0126								
.390			-.0900							
.400					-.1771	-.1856		-.1704		
.402				-.1521						
.418										-.0849
.429	-.0624									
.497		-.0725								
.503									-.1830	
.547	-.0312									
.550					-.1976	-.2053				
.565				-.1665						
.600								-.2235		
.637			-.1426							
.638	-.0919									
.650							-.2176			
.670									-.1569	
.700		-.1121				-.2120				
.725					-.1645					
.727	-.0977									
.730										-.1314
.750							-.1756	-.2039		
.760				-.0775						
.775					-.2132	-.2556				
.793	.0333									
.798			-.0534							
.828				-.1671						
.834		-.0081								
.839			-.1583							
.950					-.1973	-.2110	-.1874			
.857				-.1728						
.862									-.1433	
.865		-.1511								
.879			-.1583							
.900		-.1270			-.1821			-.1665		
.905				-.1548						
.919			-.1537							
.950					-.1807	-.1747	-.1425			
.953				-.1571						
.955			-.1518							
.985		-.1357								
1.000				-.2014		-.2053		-.1608		

ARC97-019 TAB1 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN7)

ALPHA0(4) = -.028 BETA0 (7) = 6.159

SECTION (11)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0970	-.1025	-.1132	.1102	.4622	.4574	.4301	.4483	-.0235	
.010		-.1108	-.1109	.0892	.3113	.4048	.3907	.3420		
.020		-.1182	-.1036	.0643	.2427	.3298	.3257	.3184	.0334	
.040			-.0985	.0365						
.041	-.0816									
.050		-.1211			.1174	.1837	.1938	.1985		
.069									.0059	
.080					.0370					
.081				.0017						
.086			-.0564							
.094		-.1308								
.113	-.0880									
.150					-.0630	-.0404	.0028	.0415		
.157									-.0691	
.163			0134							
.177				-.0480						
.229		-.1047								
.246			-.0363							
.247	-.1294									
.250					-.1153	-.1206	- 0965	-.0688		
.274				- 0898						
.345									-.1088	
.362		-.0178								
.390			-.0886							
.400					-.1717	-.1830		-.1771		
.402				-.1508						
.418										-.0345
.429	-.0643									
.497		-.0796								
.503									-.1327	
.547	-.0393									
.550					-.1913	-.2066				
.565				-.1655						
.600								-.2218		
.637			-.1447							
.639	-.1025									
.650							-.2138			
.670									-.1243	
.700		-.1182				-.2078				
.725					-.1654					
.727	-.1038									
.750										-.0339
.750							-.1709	-.1887		
.760				-.0742						
.775					-.2099	-.2558				

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU47)

ALPHAO(4) = -.088 BETAO (7) = 8.189

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	.0221									
.798			-.0369							
.808				-.1562						
.834		-.0042								
.839			-.1517							
.850					-.1888	-.2056	-.1652			
.857				-.1639						
.862									-.0820	
.865		-.1592								
.879			-.1594							
.900		-.1318			-.1783			-.1300		
.905				-.1539						
.919			-.1572							
.950					-.1661	-.1467	-.1353			
.953				-.1577						
.955			-.1591							
.965		-.1469								
1.000				-.2004		-.2119		-.1430		

ALPHAO(5) = 1.992 BETAO (1) = .010

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3840	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0570	-.0326	-.0418	.2657	.7008	.6747	.6711	.6805	.0475	
.010		-.0521	-.0523	.2233	.4587	.5337	.5408	.4633		
.020		-.0531	-.0498	.1497	.3661	.4260	.4396	.4239	.0605	
.040			-.0427	.0611						
.041	-.0785									
.050		-.0544			.1897	.2448	.2825	.2679		
.069									.0130	
.080					.0833					
.081				-.0205						
.086			-.0121							
.094		.0680								
.113	-.0833									
.150					-.1009	-.0271	.0211	.0652		
.157									-.0772	
.163			-.0168							
.177				-.1219						
.229		-.0980								
.246			-.1027							
.247	-.1022									

ARC97-019 (81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN7)

ALPHA(I 5) = 1.992 BETA(I 1) = .010

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.1787	-.1340	-.1034	-.0657		
.274				-.1512						
.345									-.1244	
.362		-.0632								
.390			-.1394							
.400					-.2285	-.2162		-.1849		
.402				-.1991						
.418										-.0224
.429	-.0903									
.497		-.1112								
.503									-.1547	
.547	-.0582									
.550					-.2323	-.2458				
.565				-.2003						
.600								-.2352		
.637			-.1690							
.638	-.1241									
.650							-.2458			
.670									-.1725	
.700		-.1315				-.2547				
.725					-.2194					
.727	-.1086									
.730										-.0969
.750							-.2190	-.2165		
.760				-.1127						
.775					-.2411	-.2560				
.793	-.0107									
.798			-.0826							
.808				-.1901						
.834		-.0174								
.839			-.1722							
.850					-.2266	-.2311	-.2098			
.857				-.1984						
.862									-.1735	
.865		-.1437								
.879			-.1709							
.900		-.1331			-.2065			-.1830		
.905				-.1747						
.919			-.1550							
.950					-.1778	-.2830	-.1993			
.953				-.1734						
.955			-.1390							
.965		-.1270								
1.000				-.1766		-.1909		-.1767		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN7)

ALPHAO(6) = 3.472 BETAO (1) = -4.227

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.5730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0137	.0428	.0267	.3888	.8232	.8002	.8003	.8287	.1686	
.010		.0081	.0127	.3246	.5254	.5993	.6014	.5203		
.020		-.0041	.0124	.2308	.4207	.4722	.4833	.4702	.1207	
.040			.0172	.1226						
.041	-.0684									
.050		-.0057			.2264	.2729	.2886	.2984		
.069									.0640	
.080					.0871					
.081				.0183						
.086			.0504							
.094		-.0134								
.113	-.0568									
.150					-.0952	-.0237	.0283	.0793		
.157									-.0429	
.153			.0261							
.177				-.1174						
.229		-.0305								
.246			-.0882							
.247	-.0314									
.250					-.1828	-.1377	-.0979	-.0562		
.274				-.1726						
.345									-.1041	
.352		-.0347								
.390			-.1677							
.400					-.2449	-.2238		-.1807		
.402				-.2373						
.418										.0350
.429	-.0382									
.497		-.1224								
.503									-.1452	
.547	-.0568									
.550					-.2583	-.2555				
.565				-.2428						
.600								-.2294		
.637			-.2031							
.638	-.1378									
.650							-.2475			
.670									-.1841	
.700		-.1634				-.2870				
.725					-.2878					
.727	-.1349									
.730										-.0884
.750							-.2275	-.2062		
.760				-.2013						
.775					-.2910	-.2784				

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN7)

ALPHA0(6) = 3.472 BETA0 (1) = -4.227

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.1291									
.798			-.1677							
.808				-.2514						
.834		-.1402								
.839			-.2322							
.850					-.2421	-.2964	-.2196			
.857				-.2539						
.862									-.1909	
.865		-.2082								
.879			-.2322							
.900		-.1789			-.2314			-.1633		
.905				-.2126						
.919			-.2159							
.950					-.2172	-.2999	-.1981			
.953				-.2165						
.955			-.1936							
.965		-.1379								
1.000				-.1715		-.2253		-.1631		

ALPHA0(6) = 3.475 BETA0 (2) = .017

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0697	-.0176	-.0401	.2927	.7187	.7140	.7096	.7146	.1073	
.010		-.0533	-.0493	.2221	.4308	.5178	.5154	.4272		
.020		-.0635	-.0455	.1394	.3342	.4010	.4104	.3832	.0546	
.040			-.0395	.0392						
.041	-.1037									
.050		-.0668			.0562	.2158	.2273	.2271		
.069									.0100	
.080					.0323					
.081				-.0490						
.086			-.0229							
.094		-.0689								
.113	-.1069									
.150					-.1241	-.0548	-.0131	.0261		
.157									-.0874	
.163			-.0401							
.1[illegible]				-.1521						
.229		-.0[illegible]								
[illegible]6			-.1094							
[illegible]	-.[illegible]									

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU47)

ALPHAO(6) = 3.475 BETAO (2) = .017

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2046	-.1579	-.1253	-.0933		
.274				-.1923						
.345									-.1398	
.362		-.0831								
.390			-.1613							
.400					-.2560	-.2373		-.2033		
.402				-.2281						
.418										-.0325
.429	-.0934									
.497		-.1306								
.503									-.1754	
.547	-.0758									
.550					-.2689	-.2678				
.585				-.2240						
.600								-.2481		
.637			-.1897							
.638	-.1432									
.650							-.2624			
.670									-.2039	
.700		-.1559				-.2774				
.725					-.2459					
.727	-.1314									
.730										-.15 1
.750							-.2434	-.2291		
.760				-.1849						
.775					-.2712	-.2873				
.793	-.1098									
.798			-.1250							
.808				-.2214						
.834		-.0893								
.839			-.1984							
.850					-.2638	-.2924	-.2374			
.857				-.2182						
.862									-.1974	
.865		-.1658								
.879			-.1938							
.900		-.1432			-.2338			-.1938		
.905				-.1890						
.919			-.1732							
.950					-.2018	-.3007	-.2168			
.953				-.1951						
.955			-.1556							
.965		-.1303								
1.000				-.1922		-.2175		-.1847		

ARC97-019 IA81 LVAP(ALLHL SEALED) LEFT WING TOP (RETU47)

ALPHA0(8) = 3.480 BETA0 (3) = 3.492

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.1243	-.1092	-.0915	.1975	.5894	.6018	.6074	.5970	.0555	
.010		-.1227	-.0988	.1186	.3077	.4074	.4103	.3261		
.020		-.1240	-.0937	.0548	.2174	.3020	.3110	.2870	-.0040	
.040			-.0860	-.0248						
.041	-.1227									
.050		-.1195			.0713	.1326	.1510	.1478		
.059									-.0493	
.080					-.0329					
.081				-.0928						
.086			-.0650							
.094		-.1286								
.113	-.1169									
.150					-.1624	-.1011	-.0590	-.0241		
.157									-.1230	
.163			-.0598							
.177				-.1455						
.229		-.1267								
.246			-.1049							
.247	-.1365									
.250					-.2056	-.1831	-.1580	-.1275		
.274				-.1515						
.345									-.1632	
.362		-.0564								
.390			-.1429							
.400					-.2271	-.2459		-.2221		
.402				-.2077						
.418										-.1030
.429	-.0944									
.497		-.1096								
.503									-.1926	
.547	-.0577									
.550					-.2438	-.2664				
.565				-.2052						
.600								-.2503		
.637			-.1783							
.638	-.1243									
.650							-.2662			
.670									-.2149	
.700		-.1451				-.2686				
.725					-.1939					
.727	-.1258									
.730										-.0448
.750							-.2418	-.2457		
.760				-.1282						
.773					-.2350	-.2874				

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETUN7)

ALPHAO(6) = 3.480 BETAO (3) = 3.492

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.793	-.0021									
.798			-.1103							
.808				-.2049						
.834		-.0451								
.839			-.1908							
.850					-.2340	-.2593	-.2343			
.857				-.2167						
.862									-.2201	
.865		-.1670								
.879			-.1882							
.900		-.1483			-.2261			-.2111		
.905				-.1885						
.919			-.1770							
.950					-.2173	-.2373	-.2150			
.953				-.1961						
.955			-.1690							
.965		-.1541								
1.000				-.2127		-.2140		-.1884		

ALPHAO(7) = 6.220 BETAO (1) = .042

SECTION (1)LEFT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.000	-.0808	-.0514	-.0365	.3039	.7484	.7528	.7570	.7434	.1394	
.010		-.0867	-.0511	.2126	.4200	.5120	.4991	.3909		
.020		-.0941	-.0479	.1277	.3151	.3867	.3809	.3413	.0378	
.040			-.0438	.0253						
.041	-.1275									
.050		-.0797			.1358	.1934	.1952	.1825		
.069									-.0079	
.080					.0113					
.081				-.0586						
.086			-.0259							
.094		-.0733								
.113	-.1291									
.150					-.1437	-.0737	-.0398	-.0064		
.157									-.1041	
.163			-.0470							
.177				-.1710						
.229		-.0933								
.248			-.1445							
.247	-.0925									

ARC97-019 1A81 LVAP(ALLHL SEALED) LEFT WING TOP (RETURN)

ALPHA0(7) = 6.22° BETA0 (11 = .042

SECTION (11LEFT WING TOP DEPENDENT VARIABLE CP

Y/CW	.2350	.2990	.3640	.4270	.5340	.6730	.7800	.8870	.9720	1.0000
X/CW										
.250					-.2204	-.1745	-.1494	-.1190		
.274				-.2147						
.345									-.1595	
.362		-.0904								
.390			-.1898							
.400					-.2718	-.2506		-.2204		
.402				-.2626						
.418										-.0816
.429	-.0887									
.497		-.1446								
.503									-.1964	
.547	-.0877									
.550					-.2911	-.2793				
.565				-.2386						
.600								-.2595		
.637			-.2038							
.638	-.1520									
.650							-.2738			
.670									-.2343	
.700		-.1711				-.2876				
.725					-.2665					
.727	-.1430									
.730										-.2529
.750							-.2608	-.2456		
.760				-.2013						
.775					-.2826	-.3061				
.793	-.1320									
.798			-.1672							
.808				-.2504						
.834		-.1350								
.839			-.2255							
.850					-.2873	-.3099	-.2523			
.857				-.2473						
.862									-.2434	
.865		-.1968								
.879			-.2252							
.900		-.1708			-.2728			-.2007		
.905				-.2085						
.919			-.2057							
.950					-.2431	-.3217	-.2336			
.953				-.2235						
.959			-.1828							
.985		-.1430								
1.000				-.2104		-.2434		-.1812		

ARC97-019 TAB1 LVAP(ALLHL SEALED) RT. WING BOT. (RETW30) (12 OCT 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1297.0000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1297.0000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

MACH =	2.500	RN/FT =	3.000
ELV-IB =	.000	ELV-OB =	.000
RUDDER =	.000	SPOBRK =	50.000

BETAO (1) = .230 ALPHAO(1) = -6.381

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0663
.010	.0892
.020	.0688
.040	.0658
.086	.1009
.163	.0075
.246	-.0162
.390	.1138
.798	.0000

BETAO (1) = .215 ALPHAO(2) = -4.330

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0387
.010	.0673
.020	.0644
.040	.0596
.086	.1091
.163	.0140
.246	-.0077
.390	.1198
.798	.0000

ARC9T-019 TAB1 LVAP(ALLHL SEALED) RT. WING BOT. (RETW30)

BETAO (1) = .182 ALPHAO(3) = -.116

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0071
.010	.0278
.020	.0325
.040	.0319
.086	.1118
.163	-.0101
.246	-.0065
.390	.1154
.798	.0000

BETAO (1) = .186 ALPHAO(4) = 4.058

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0192
.010	.0489
.020	.0438
.040	.0371
.086	.1028
.163	-.0054
.246	.0368
.390	.1644
.798	.0000

BETAO (1) = .209 ALPHAO(5) = [illegible]57

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0105
010	.0401
.020	.0398
.040	.0351
.086	.1482
163	0369
246	.0759
.390	.2690
.798	.0000

ARC97-018 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RSTW30)

BETAO (1) = .218 ALPHAO(6) = 10.355

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.0198
.010	.0283
.020	.0324
.040	.0295
.086	.1152
.163	.0198
.246	.0585
.390	.2798
.798	.0800

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW31) 2 OCT 74

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 978.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.200 RN/FT = 3.000
ELV-IB = .000 ELV-OB = .000
RUDDER = .000 SPOILR = 55.000

BETAO (1) = -.117 ALPHAO(1) = -8.403

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0293
.010	.0143
.020	.0240
.040	.0295
.086	.0381
.163	.0007
.246	.0051
.390	.1021
.798	.0000

BETAO (1) = -.139 ALPHAO(2) = -4.308

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0240
.010	.0102
.020	.0119
.040	.0157
.086	.0353
.163	-.0195
.246	-.0143
.390	.1036
.799	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW31)

BETAO (1) = -.174 ALPHAO(3) = -.147

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3640

X/CM	
.000	.0015
.010	-.0102
.020	-.0174
.040	-.0193
.086	.0472
.163	-.0489
.246	-.0116
.390	.1231
.798	.0000

BETAO (1) = -.187 ALPHAO(4) = 4.050

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3640

X/CM	
.000	-.0205
.010	-.0127
.020	-.0171
.040	-.0215
.086	.0725
.163	-.0232
.246	.0083
.390	.1710
.798	.0000

BETAO (1) = -.139 ALPHAO(5) = 8.292

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3640

X/CM	
000	-.0378
.0	.0113
.020	.0204
.040	.0201
.086	.1162
.163	.0292
.246	.0403
.390	.2708
.796	.0000

AR097-019 TAB1 (VARIABLE SEALED) PT. WING BOT. (RETW31)

BETA0 (1) = -.118 ALPHA0(6) = 10.383

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0283
.010	.0323
.020	.0359
.040	.0310
.086	.1361
.163	.0136
.246	.0690
.390	.2434
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW32) (12 OCT 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.000 RN/FT = 3.000
ELV-IB = .000 ELV-OB = .000
RUDDER = .000 SPOBRK = 50.000

BETAO (1) = .079 ALPHAO(1) = -6.373

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0136
.010	-.0121
.020	.0085
.040	.0085
.086	.0309
.163	.0103
.246	.0031
.390	.0889
.798	.0000

BETAO (1) = .053 ALPHAO(2) = -4.277

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0145
.010	-.0199
.020	-.0007
.040	-.0026
.086	.0150
.163	-.0082
.246	.0102
.390	.1000
.798	.0000

ARC97-019 (A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW32)

BETAO (1) = .011 ALPHAO(3) = -.098

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0318
.010	-.0379
.020	-.0256
.040	-.0163
.086	.0189
.163	-.0091
.248	-.0024
.390	.1262
.798	.0000

BETAO (1) = .020 ALPHAO(4) = 4.129

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0370
.010	-.0225
.020	-.0249
.040	-.0249
.086	.0771
.163	.0054
.246	.0579
.390	.2284
.798	.0000

BETAO (1) = .053 ALPHAO(5) = 8.392

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0263
.010	.0278
.020	.0350
.040	.0393
.086	.1354
.163	.0710
.248	.2248
.390	.2858
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW32)

BETAO (1) = .074 ALPHAO(6) = 10.494

SECTION ' 1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.0473
.010	.0249
.020	.0484
.040	.0594
.086	.1120
.163	.2108
.246	.3105
.390	.2693
.798	.0000

ARC97-01B !A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW33) (12 OCT 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.550 RN/FT = 3.000
ELV-IB = .000 ELV-OB = .000
RUDDER = .000 SPOBRK = 55.000

BETAO (1) = .428 ALPHAO(1) = -6.390

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0094
.010	-.0112
.020	.0305
.040	.0400
.086	-.0484
.163	-.0261
.246	-.0185
.390	.0777
.798	.0000

BETAO (1) = .401 ALPHAO(2) = -4.271

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0083
.010	-.0028
.020	.0422
.040	.0488
.086	-.0282
.163	-.0109
.246	-.0009
.390	.1244
.798	.0000

ARC97-018 TA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW33)

BETAO (1) = .348 ALPHAO(3) = -.036

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0906
.010	-.0142
.020	.0787
.040	.0621
.086	.0362
.163	.0430
.246	.1096
.390	.1933
.798	.0000

BETAO (1) = .366 ALPHAO(4) = 4.233

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0835
.010	.0455
.020	.0749
.040	.0765
.086	.1126
.163	.1265
.246	.2297
.390	.2418
.798	.0000

BETAO (1) = .403 ALPHAO(5) = 8.510

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1397
.010	.0480
.020	.1007
.040	.1649
.086	.3603
.163	.1638
.246	.2870
.390	.2771
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETH34) (12 OCT 74)

REFERENCE DATA

SREF = 2699.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.550 RN/FT = 2.500
ELV-IB = 8.000 ELV-OB = -4.000
RUDDER = .000 SPOBRK = .000

BETAO (1) = .403 ALPHAO(1) = -8.292

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0123
.010	-.0229
.020	.0212
.040	.0330
.086	-.0501
.163	-.0305
.246	-.0213
.390	.0726
.798	.0000

BETAO (1) = .378 ALPHAO(2) = -4.209

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0088
.010	-.0143
.020	.0343
.040	.0486
.086	-.0306
.163	-.0110
.246	-.0029
.390	.1237
.798	.0000

ARC97-019 !AB! LVAP(ALLHL SEALED) RT. WING BOT. (RETW34)

BETAO (1) = .358 ALPHAO(3) = -2.124

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0520
.010	.0020
.020	.0443
.040	.0476
.086	-.0062
.163	.0117
.246	.0352
.390	.1529
.798	.0000

BETAO (1) = .342 ALPHAO(4) = -.027

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0835
.010	.0065
.020	.0693
.040	.0572
.086	.0358
.163	.0436
.246	.1095
.390	.1909
.798	.0000

BETAO (1) = .348 ALPHAO(8) = 2.059

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0868
.010	.0350
.020	.0821
.040	.0847
.086	.0778
.163	.0843
.246	.1901
.390	.2326
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW34)

BETAO (1) = .358 ALPHAO(8) = 3.707

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0747
.010	.0418
.020	.0716
.040	.0723
.086	.1134
.163	.1211
.246	.2177
.390	.2341
.798	.0000

BETAO (1) = .369 ALPHAO(7) = 6.242

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1047
.010	.0300
.020	.0811
.040	.0818
.086	.2659
.163	.1592
.246	.2611
.390	.2669
.798	.0000

ARC97-019 IA81 LVAP(ALLML SCALED) RT. WING BOT. (RETH35 : 12 OCT 7

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1297.0000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1297.0000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

MACH =	1.550	RN/FT =	2 500
ELV-IB =	8.000	ELV-OB =	-4 000
RUDDER =	.000	SPDBRK =	000

ALPHAO(1) = -6.333 BETAO (1) = -3.794

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.0040
.010	-.0141
.020	-.0263
.040	-.0382
.086	.0212
.163	-.0812
.246	-.0003
.390	.0157
.798	.0000

ALPHAO(1) = -6.318 BETAO (2) = -1.683

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	.0053
.010	.0123
.020	.0072
.040	.0011
.086	-.0371
.163	-.0608
.246	-.0153
.390	.0388
.798	.0000

ARC97-018 IAB1 LVAP(ALLHL SEALED) RT. WING BOT. (RETW35)

ALPHAO(1) = -6.080 BETAO (3) = .391

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0108
.010	-.0197
.020	.0217
.040	.0368
.086	-.0489
.163	-.0310
.246	-.0223
.390	.0706
.798	.0000

ALPHAO(1) = -6.299 BETAO (4) = 2.522

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0044
.010	-.0707
.020	-.0591
.040	-.0212
.086	-.0058
.163	-.0919
.246	-.0488
.390	.1448
.798	.0000

ALPHAO(1) = -6.042 BETAO (5) = 4.567

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0345
.010	-.0474
.020	-.0712
.040	-.0764
.086	-.0008
.163	-.1224
.246	-.0320
.390	.1986
.798	.0000

ARC97-019 IAB1 LVAP(ALLHL SEALED) RT. WING BOT. (RETW35)

ALPHAO(2) = -4.215 BETAO (1) = -5.870

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0663
.010	-.0949
.020	-.0952
.040	-.1001
.086	.0795
.163	.1128
.246	.1195
.390	.0863
.798	.0000

ALPHAO(2) = -4.211 BETAO (2) = -3.827

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0327
.010	-.0394
.020	-.0453
.040	-.0534
.086	.0474
.163	-.0628
.246	.0306
.390	.0445
.798	.0000

ALPHAO(2) = -4.194 BETAO (3) = .385

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0061
.010	-.0133
.020	.0394
.040	.0519
.086	-.0305
.163	-.0130
.246	-.0039
.390	.1222
.798	.0000

ARC97-01 IA81 (VAP(ALLHL SEALED) RT. WING BOT. (RETW35)

ALPHAO(2) = -4.155 BETAO (4) = 4.561

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	.0348
.010	-.0352
.020	-.0650
.040	-.0735
.086	.0054
.163	-.1151
.246	-.0319
.390	.2316
.798	.0000

ALPHAO(2) = -4.139 BETAO (5) = 8.623

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0729
.010	.0086
.020	-.0245
.040	-.0362
.086	.0301
.163	-.0781
.246	-.0378
.390	.2788
.798	.0000

ALPHAO(3) = -2.110 BETAO (1) = -5.871

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1190
.010	-.1444
.020	-.1878
.040	-.1839
.086	.1138
.163	.0375
.246	.1458
.390	.1210
.798	.0000

ARC97-019 IAB1 LVAP:ALLHL SEALED) RT. WING BOT. (BETW35)

ALPHAO(3) = -2.109 BETAO (2) = -1.724

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3840

X/CM	
.000	-.0444
.010	-.0235
.020	-.0142
.040	-.0125
.080	.0150
.163	-.0241
.248	.0623
.390	.1286
.798	.0000

ALPHAO(3) = -2.081 BETAO (3) = 2.471

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3840

X/CM	
.000	-.0298
.010	-.0158
.020	.1093
.040	.1312
.080	.0583
.163	.0300
.248	-.3151
.390	-.2447
.798	.0498

ALPHAO(3) = -2.062 BETAO (4) = 8.907

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3840

X/CM	
.000	.0680
.010	.0235
.020	-.0085
.040	-.0220
.080	.0439
.163	-.0884
.248	-.0268
.390	.3448
.798	.0000

AR097-019 (ABI LVAP(ALLHL SEALED) RT. WING BOT. (RETH35)

ALPHAO(4) = .004 BETAO (1) = -5.872

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1802
.010	-.1893
.020	-.1408
.040	-.1166
.086	.1971
.163	.1560
.246	.1862
.390	.1319
.798	.0000

ALPHAO(4) = .007 BETAO (2) = -3.838

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1281
.010	-.1039
.020	-.0780
.040	-.0754
.086	.0961
.163	.0935
.246	.1488
.390	.1671
.798	.0000

ALPHAO(4) = .019 BETAO (3) = .354

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0832
.010	.0005
.020	.0715
.040	.0583
.086	.0657
.163	.0480
.246	.1176
.390	.1964
.798	.0000

ARC97-019 (A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW35)

ALPHAO(4) = .011 BETAO (4) = 4.521

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0128
.010	.0083
.020	-.0214
.040	-.0318
.086	.0412
.163	-.0860
.246	.0718
.390	.3616
.798	.0000

ALPHAO(4) = .022 BETAO (5) = 6.587

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0542
.010	.0405
.020	.0056
.040	-.0060
.086	.0656
.163	-.0531
.243	.0482
.390	.4631
.798	.0000

ALPHAO(5) = 2.088 BETAO (1) = -5.888

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.2538
.010	-.2130
.020	-.0871
.040	-.0187
.088	.1830
.163	.1833
.246	.2278
.390	.1588
.798	.0000

ARC87-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW35)

ALPHAO(5) = 2.063 BETAO (2) = -1.746

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.1238
.010	-.0385
.020	-.0068
.040	-.0095
.086	.1095
.163	.0713
.246	.1780
.390	.1895
.798	.0000

ALPHAO(5) = 2.076 BETAO (3) = 2.458

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0460
.010	-.0274
.020	.1105
.040	.1391
.086	.0381
.163	.1582
.246	.1747
.390	.3210
.798	.0000

ALPHAO(5) = 2.104 BETAO (4) = 6.567

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0423
.010	.0524
.020	.0210
.040	.0082
.086	.1071
.163	-.0164
.246	.1462
.390	.5310
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW35)

ALPHAO(6) = 4.193 BETAO (1) = -5.872

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.3180
.010	-.1878
.020	-.0435
.040	-.0146
.086	.1848
.163	.2061
.246	.2512
.390	.1678
.798	.0000

ALPHAO(6) = 4.191 BETAO (2) = -3.831

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.2666
.010	-.1335
.020	-.0694
.040	-.0565
.086	.1790
.163	.1659
.246	.2293
.390	.1956
.798	.0000

ALPHAO(6) = 4.197 BETAO (3) = .381

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0721
.010	.0454
.020	.0699
.040	.0781
.086	.1192
.163	.1269
.246	.2236
.390	.2374
.798	.0000

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW35)

ALPHAO(6) = 4.208 BETAO (4) = 4.530

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3940

X/CW	
.000	.0004
.010	.0187
.020	.0052
.040	.0239
.086	.1188
.163	.1259
.246	.2501
.390	.4352
.798	.0000

ALPHAO(6) = 4.216 BETAO (5) = 6.589

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0485
.010	.0503
.020	.0300
.040	.0210
.085	.1564
.163	.0948
.246	.2695
.390	.5049
.798	.0000

ALPHAO(7) = 6.319 BETAO (1) = -3.811

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.3140
.010	-.1294
.020	-.0542
.040	-.0358
.086	.2013
.163	.2032
.248	.2734
.390	.2202
.798	.0000

ARC97-018 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW38)

ALPHAO(7) = 6.318 BETAO (2) = -1.718

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.2022
.010	-.0407
.020	.0154
.040	.0288
.086	.2409
.163	.1567
.246	.2588
.390	.2236
.798	.0000

ALPHAO(7) = 6.318 BETAO (3) = .374

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.1056
.010	.0290
.020	.0826
.040	.0955
.086	.2728
.163	.1651
.246	.2619
.390	.2731
.798	.0000

ALPHAO(7) = 6.321 BETAO (4) = 2.475

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.0655
.010	.0883
.020	.1469
.040	.1469
.086	.1424
.163	.2207
.246	.2936
.390	.3810
.798	.0000

ARC97-019 IA81 LVAF'ALLHL SEALED) RT. WING BOT. (RETW35)

ALPHA)(7) = 8.324 BETAG (5) = 4.539

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	.1306
010	-.0503
.020	-.0798
.040	-.1166
.086	-.0510
163	.0000
.246	-.0750
.390	-.1903
.798	-.2044

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW36) (12 OCT 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1297.0000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1297.0000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

MACH =	2.000	RN/FT =	2.500
ELV-IB =	8.000	ELV-OB =	-4.000
RUDDER =	.000	SPDBRK =	.000

ALPHAO(1) = -6.354 BETAO (1) = -4.180

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0474
.010	-.0185
.020	.0037
.040	.0077
.086	.0126
.163	.0191
.246	.0354
.390	.0080
.798	.0000

ALPHAO(2) = -6.341 BETAO (2) = -2.050

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0296
.010	-.0216
.020	.0027
.040	.0115
.086	.0190
.163	.0304
.246	.0223
.390	.0533
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) HT. WING BOT. (RETW38)

ALPHAO(1) = -6.322 BETAO (3) = .062

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0079
.010	-.0125
.020	.0058
.040	.0071
.086	.0283
.163	.0097
.246	-.0044
.390	.0810
.798	.0000

ALPHAO(1) = -6.302 BETAO (4) = 2.174

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0322
.010	-.0033
.020	.0192
.040	.0408
.086	.0787
.163	.0016
.246	-.0382
.390	.0953
.798	.0300

ALPHAO(1) = -6.288 BETAO (5) = 4.251

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0710
.010	.0385
.020	.0391
.040	.0516
.086	.1277
.163	.0155
.246	-.0254
.390	.1503
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETN38)

ALPHAO(2) = -4.273 BETAO (1) = -8.247

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.0768
.010	-.0612
.020	-.0455
.040	-.0448
.086	.0316
.183	-.0347
.246	.0035
.390	-.0664
.796	.0000

ALPHAO(2) = -4.285 BETAO (2) = -4.183

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.0773
.010	-.0498
.020	-.0256
.040	-.0185
.086	.0031
.183	-.0031
.246	.0309
.390	.0260
.798	.0000

ALPHAO(2) = -4.235 BETAO (3) = .039

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.0114
.010	-.0228
.020	-.0062
.040	-.0085
.086	.0134
.183	-.0094
.246	-.0003
.390	.0095
.798	.0000

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW38)

ALPHAO(2) = -4.200 BETAO (4) = 4.234

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	.0694
.010	.0413
.020	.0341
.040	.0345
.086	.1263
.163	-.0113
.246	-.0182
.390	.1783
.798	.0000

ALPHAO(2) = -4.192 BETAO (5) = 6.302

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.1142
.010	.0798
.020	.0651
.040	.0589
.086	.1612
.163	.0075
.246	.0177
.390	.1923
.798	.0000

ALPHAO(3) = -2.186 BETAO (1) = -6.258

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1031
.010	-.0803
.020	-.0623
.040	-.0533
.086	.0184
.163	-.0430
.246	.0171
.390	-.0368
.798	.0000

ARC87-019 TAB1 LVAP(ALLHL SEALED) RT. WING BOT. (RETW36)

ALPHAO(3) = -2.175 BETAO (2) = -2.080

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0500
.010	-.0478
.020	-.0431
.040	-.0362
.086	-.0012
.163	-.0012
.246	.0318
.330	.1046
.798	.0000

ALPHAO(3) = -2.146 BETAO (3) = 2.137

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
000	.0095
.010	-.0082
.020	.0160
.040	.0350
.086	.0732
.163	-.0046
246	-.0321
.390	.1475
798	.0000

ALPHAO(3) = -2.124 BETAO (4) = 6.280

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.1179
.010	.0892
.020	.0719
.040	.0657
.086	.1693
.163	0265
.248	.0366
390	.2173
.798	.0000

ARC97-019 TABI EVAP(ALLHL SEALED) RT WING BOT. (RETW36)

ALPHAO(1) = -.096 BETAO (1) = -6.268

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1220
.010	-.1003
.020	-.0806
.040	-.0806
.086	.0415
.163	-.0329
.246	.0357
.390	-.0127
.798	.0000

ALPHAO(1) = -.095 BETAO (2) = -4.207

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1117
.010	-.0888
.020	-.0633
.040	-.0548
.086	.0221
.163	-.0038
.246	.0470
.390	.0833
.798	.0000

ALPHAO(1) = -.084 BETAO (3) = .007

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0324
.010	-.0395
.020	-.0294
.040	-.0167
.086	.0163
.163	-.0095
.246	.0033
.390	.1224
.798	.0000

ARC97-019 1A81 (VAP(ALLHL SEALED) RT. WING BOT. (RETM36)

ALPHAO(4) = -.062 BETAO (4) = 4.192

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3640

X/CM	
.000	.0610
.010	.0433
.020	.0279
.040	.0207
.086	.1518
.163	-.0130
.246	-.0035
.390	.2103
.798	.0000

ALPHAO(5) = -.055 BETAO (5) = 6.267

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3640

X CM	
.000	.1099
.010	.0678
.020	.0692
.040	.0610
.086	.1634
.163	.0424
.246	.0479
.390	.2331
.798	.0000

ALPHAO(5) = 1.985 BETAO (1) = -6.257

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3640

X/CM	
.000	-.1612
.010	-.1119
.020	-.0805
.040	-.0766
.086	.0745
.163	.0173
.246	.0847
.390	.0402
.798	.0000

AR397-019 IA81 EVAP(ALUM SEALED) RT. WING BOT. (RETW36)

ALPHAO(5) = 1.981 BETAO (2) = -2.089

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0678
.010	-.0517
.020	-.0442
.040	-.0377
.086	.0173
.163	.0173
.246	.0618
.390	.1687
.798	.0000

ALPHAO(5) = 1.994 BETAO (3) = 2.124

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0101
.010	.0058
.020	-.0082
.040	-.0125
.086	.1010
.163	-.0279
.246	-.0089
.390	.2126
.798	.0000

ALPHAO(5) = 2.005 BETAO (4) = 6.266

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0971
.010	.0871
.020	.0688
.040	.0619
.086	.1686
.163	.0462
.246	.0527
.390	.2648
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW38)

ALPHAO(8) = 4.105 BETAO (1) = -8.249

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.1944
.010	-.1130
.020	-.0755
.040	-.0703
.086	.0883
.163	.0772
.246	.1222
.390	.1059
.798	.0000

ALPHAO(8) = 4.105 BETAO (2) = -4.195

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.1169
.010	-.0611
.020	-.0301
.040	-.0242
.086	.0971
.163	.0697
.246	.1467
.390	.1558
.798	.0000

ALPHAO(8) = 4.105 BETAO (3) = .015

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.0395
.010	-.0265
.020	-.0311
.040	-.0304
.086	.0738
.163	.0016
.246	.0418
.390	.2274
.798	.0000

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW38)

ALPHAO(8) = 4.102 BETAO (4) = 4.191

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	.0478
.010	.0546
.020	.0556
.040	.0613
.086	.1565
.163	.0155
.246	.0434
.390	.3035
.798	.0000

ALPHAO(6) = 4.104 BETAO (5) = 6.248

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	.0951
.010	.1038
.020	.0915
.040	.0849
.086	.1909
.163	.0518
.246	.0749
.390	.3326
.798	.0000

ALPHAO(7) = 6.207 BETAO (1) = -4.161

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.1153
.010	-.0413
.020	-.0049
.040	.0010
.086	.1301
.163	.1175
.246	.2019
.390	.1940
.798	.0000

ARC97-019 IAB1 LVAP(ALLHL SEALED) RT. WING BOT. (RETH36)

ALPHAO(7) = 6.210 BETAO (2) = -2.055

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0790
.010	-.0281
.020	.0017
.040	.0146
.086	.0716
.163	.0663
.246	.2038
.390	.2313
.798	.0000

ALPHAO(7) = 6.220 BETAO (3) = .028

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0379
.010	-.0117
.020	-.0074
.040	.0005
.086	.1113
.163	.0574
.246	.1473
.390	.2795
.798	.0000

ALPHAO(7) = 6.219 BETAO (4) = 2.132

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0094
.010	.0166
.020	.0153
.040	.0136
.086	.1495
.163	.0205
.246	.0616
.390	.3806
.798	.0000

ARC97-019 TAB1 LVAP(ALLHL SEALED) RT. WING BOT. (RETW36)

ALPHAC(7) = 6.217 BETAO (5) = 4.196

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0443
.010	.0670
.020	.0752
.040	.0858
.086	.1817
.163	.0379
.246	.0683
.390	.4161
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW37) (12 OCT 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT.	XMRP = 976.0000 IN. XT		
LREF = 1297.0000 INCHES	YMRP = .0000 IN. YT		
BREF = 1297.0000 INCHES	ZMRP = 400.0000 IN. ZT		
SCALE = .0300 SCALE			

PARAMETRIC DATA

MACH = 2.200	RN/FT = 2.500		
ELV-IB = 8.000	ELV-OB = -4.000		
RUDDER = .000	SPOBRK = .000		

ALPHAO(1) = -6.357 BETAO (1) = -4.340

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0457
.010	-.0301
.020	-.0076
.040	.0009
.086	.0033
.163	.0131
.246	.0363
.390	.0148
.798	.0000

ALPHAO(1) = -6.346 BETAO (2) = -2.232

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0099
.010	-.0065
.020	.0013
.040	.0058
.086	.0017
.163	.0143
.246	.0320
.390	.0548
.798	.0000

ARC97-019 TABI LVAP(ALLHL SEALED) RT. WING BOT. (RETW37)

ALPHAO(1) = -6.330 BETAO (3) = -.129

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0241
.010	.0089
.020	.0195
.040	.0249
.086	.0348
.163	-.0009
.246	-.0023
.390	.0930
.798	.0000

ALPHAO(1) = -6.318 BETAO (4) = 1.982

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0628
.010	.0340
.020	.0252
.040	.0235
.086	.0964
.163	-.0062
.246	-.0169
.390	.1060
.798	.0000

ALPHAO(1) = -6.303 BETAO (5) = 4.092

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.1088
.010	.0676
.020	.0577
.040	.0529
.086	.1549
.163	.0033
.246	.0253
.390	.1529
.798	.0000

ARC97-019 TAB: LVAPIALLHL SEALED) RT. WING BOT. (RETW37)

ALPHAO(2) = -4.273 BETAO (1) = -6.424

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0820
.010	-.0556
.020	-.0405
.040	-.0405
.086	-.0305
.163	-.0245
.246	.0335
.390	-.0944
.798	.0000

ALPHAO(2) = -4.268 BETAO (2) = -4.382

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0588
.010	-.0431
.020	-.0197
.040	-.0114
.086	-.0087
.163	.0008
.246	.0389
.390	.0142
.798	.0000

ALPHAO(2) = -4.242 BETAO (3) = -.145

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0245
.010	.0077
.020	.0100
.040	.0144
.086	.0334
.163	-.0210
.246	-.0190
.390	.0997
.798	.0000

ARC97-019 TAB1 LVAP(ALLHE SEALED) RT. WING BOT. (PETW37)

ALPHAO(2) = -4.216 BETAO (4) = 4.041

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.1082
.010	.0917
.020	.0791
.040	.0710
.086	.1628
.163	.0163
.246	.0300
.390	.1698
.798	.0000

ALPHAO(2) = -4.212 BETAO (5) = 6.106

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.1505
.010	.1297
.020	.1127
.040	.1044
.086	.1972
.163	.0456
.246	.0503
.390	.1778
.798	.0000

ALPHAO(3) = -2.199 BETAO (1) = -6.455

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	- 0925
010	[illegible]
020	[illegible]
040	[illegible]
086	[illegible]
163	[illegible]
246	[illegible]
390	[illegible]
798	[illegible]

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW37)

ALPHAO(3) = -2.186 BETAO (2) = -2.253

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0292
.010	-.0172
.020	-.0108
.040	-.0078
.086	-.0145
.163	-.0259
.246	.0239
.390	.0884
.798	.0000

ALPHAO(3) = -2.171 BETAO (3) = 1.947

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0628
.010	.0452
.020	.0268
.040	.0181
.086	.1109
.163	-.0238
.246	-.0064
.390	.1350
.798	.0000

ALPHAO(3) = -2.158 BETAO (4) = 6.083

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.1475
.010	.1400
.020	.1196
.040	.1075
.086	.1856
.163	.0462
.246	.0623
.390	.1883
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW37)

ALPHAO(4) = -.138 BETAO (1) = -6.431

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1116
.010	-.0877
.020	-.0686
.040	-.0576
.086	-.0049
.163	-.0311
.246	.0158
.390	-.0814
.798	.0000

ALPHAO(4) = -.135 BETAO (2) = -4.375

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0865
.010	-.0660
.020	-.0458
.040	-.0375
.085	-.0230
.163	-.0029
.246	.0299
.390	.0484
.798	.0000

ALPHAO(4) = -.128 BETAO (3) = -.174

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0009
.010	-.0145
.020	-.0223
.040	-.0247
.066	[illegible]
.163	-.05[illegible]
[illegible]	-.0[illegible]5[illegible]
[illegible]	[illegible]
[illegible]	.000[illegible]

ARC97-019 IAB1 LVAP(ALLHL SEALED) RT WING BOT. (RETW37)

ALPHAO(4) = -.113 BETAO (4) = 4.000

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0964
.010	.0945
.020	.0750
.040	.0646
.086	.1611
.163	.0184
.246	.0335
.390	.1940
.798	.0000

ALPHAO(4) = -.090 BETAO (5) = 6.061

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.1257
.010	.1250
.020	.1053
.040	.0909
.086	.1253
.163	.0495
.246	.0969
.390	.2148
.798	.0000

ALPHAO(5) = 1.918 BETAO (1) = -8.431

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3540

X/CW	
.000	-.1251
.010	-.0999
.020	-.0764
.040	-.0757
.086	.0374
.163	-.0293
.246	.0179
.390	-.0306
.798	.0000

ARC87-018 TAB1 (VAP(ALLHL SEALED)) RT. WING BOT. (REFW37)

ALPHA0(5) = 1.918 BETA0 (2) = -2.268

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0584
.010	-.0505
.020	-.0484
.040	-.0486
.086	-.0020
.163	-.0171
.246	.0448
.390	.1302
.798	.0000

ALPHA0(5) = 1.931 BETA0 (3) = 1.934

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0258
.010	.0269
.020	.0181
.040	.0111
.086	.1178
.183	-.0190
246	.0114
390	.1687
.798	.0000

ALPHA0(5) = 1.943 BETA0 (4) = 0.265

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.1049
.010	.0971
.020	.0840
.040	.0813
.086	.1193
.183	.0535
246	.0779
390	.2249
.798	.0000

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW37)

ALPHAO(6) = 4.018 BETAO (1) = -6.417

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1507
.010	-.1091
.020	-.0763
.040	-.0743
.086	.0756
.163	.0094
.246	.0870
.390	.0304
.798	.0000

ALPHAO(6) = 4.022 BETAO (2) = -4.361

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1089
.010	-.0652
.020	-.0335
.040	-.0244
.086	.0545
.163	.0358
.246	.1034
.390	.1134
.798	.0000

ALPHAO(6) = 4.025 BETAO (3) = -.164

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0336
.010	-.0199
.020	-.0242
.040	-.0289
.086	.0641
.163	-.0242
.246	.0116
.390	.1755
.798	.0000

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW37)

ALPHAO(6) = 4.034 BETAO (4) = 3.991

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0548
.010	.0683
.020	.0610
.040	.0523
.086	.1546
.163	.0295
.246	.0613
.390	.2535
.798	.0000

ALPHAO(6) = 4.038 BETAO (5) = 6.064

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0923
.010	.1047
.020	.0997
.040	.0933
.086	.1464
.163	.0710
.246	.1030
.390	.2705
.798	.0000

ALPHAO(7) = 6.134 BETAO (1) = -4.334

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1086
.010	-.0576
.020	-.0222
.040	-.0141
.086	.0832
.163	.0742
.246	.1489
.390	.1485
.798	.0000

ARC97-019 IAS1 LVAP(ALLHL SEALED) RT. WING BOT. (RETW37)

ALPHAO(7) = 6.130 BETAO (2) = -2.240

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0738
.010	-.0429
.020	-.0359
.040	-.0342
.086	.0691
.163	.0644
.246	.1193
.390	.1989
.796	.0000

ALPHAO(7) = 6.130 BETAO (3) = -.154

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

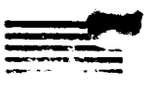
X/CW	
.000	-.0377
.010	-.0148
.020	-.0145
.040	-.0175
.086	.0778
.163	.0005
.246	.0380
.390	.2350
.798	.0000

ALPHAO(7) = 6.134 BETAO (4) = 1.951

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0138
.010	.0394
.020	.0340
.040	.0287
.086	.1477
.163	.0123
.246	.0508
.390	.3188
.798	.0000



ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW37)

ALPHAO(7) = 8.175 BETAO (5) = 3.998

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0487
.010	.0694
.020	.0654
.040	.0630
.086	.1744
.163	.0356
.246	.0838
.390	.3105
.798	.0000

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW38) (12 OCT 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.500 RN/FT = 2.500
ELV-IB = 8.000 ELV-OB = 4.000
RUDDER = .000 SPOBRK = .000

ALPHAO(1) = -8.280 BETAO (1) = -3.981

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0025
.010	.0149
.020	.0302
.040	.0370
.086	.0192
.163	-.0033
.246	.0327
.390	.0384
.798	.0000

ALPHAO(1) = -6.280 BETAO (2) = -1.881

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	.0338
.010	.0402
.020	.0480
.040	.0509
.086	.0427
.163	-.0017
.246	.0007
.390	.0842
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW38)

ALPHAO(1) = -8.868 BETAO (3) = .815

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0698
.010	.0774
.020	.0685
.040	.0653
.086	.0941
.163	.0091
.246	-.0194
.390	.1098
.798	.0000

ALPHAO(1) = -8.259 BETAO (4) = 2.322

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0293
.010	.1132
.020	.1231
.040	.1149
.086	.1530
.163	.0307
.246	.0324
.390	.1352
.798	.0000

ALPHAO(1) = -8.250 BETAO (5) = 4.369

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0053
.010	.0747
.020	.1128
.040	.1527
.086	.1751
.163	.0855
.246	.0815
.390	.1452
.798	.0000

ARC97-019 IA81 (VAP(ALLHL SEALED) RT. WING BOT. (RETW38)

ALPHAO(2) = -4.232 BETAO (1) = -6.049

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.0432
.010	-.0158
.020	.0048
.040	.0062
.086	-.0119
.163	.0002
.246	.0358
.390	-.0475
.798	.0000

ALPHAO(2) = -4.224 BETAO (2) = -3.999

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0133
.010	.0084
.020	.0230
.040	.0287
.086	.0123
.163	-.0217
.246	.0209
.390	.0319
.798	.0000

ALPHAO(2) = -4.198 BETAO (3) = .210

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	.0369
.010	.0605
.020	.0566
.040	.0534
.086	.0986
.163	0040
.246	-.0190
.390	.1071
.798	.0000

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW38)

ALPHAO(2) = -4.182 BETAO (4) = 4.387

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0089
.010	.0010
.020	.0600
.040	.1177
.086	.1562
.163	.0781
.246	.0837
.390	.1544
.798	.0000

ALPHAO(2) = -4.175 BETAO (5) = 6.419

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0272
.010	-.0204
.020	.0601
.040	.1048
.086	.1243
.163	.1144
.246	.1044
.390	.1924
.798	.0000

ALPHAO(3) = -2.171 BETAO (1) = -6.052

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0507
.010	-.0270
.020	-.0082
.040	.0061
.086	.0175
.163	.0[illegible]
.246	.0[illegible]
.390	-.[illegible]39
.798	.0[illegible]3

DATE 08 OCT 75 TAB18 - PRESSURE SOURCE DATA TABULATION

ARC97-019 TAB1 (VARIABLE SEALED) RT. WING BOT. (RET=35)

ALPHAO(3) = -2.155 BETAO (2) = -1.900

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0192
.010	.0163
.020	.0315
.040	.0354
.086	.0329
.163	-.0166
.246	-.0049
.390	.0994
.798	.0000

ALPHAO(3) = -2.141 BETAO (3) = 2.289

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0353
.010	.0050
.020	.0199
.040	.0685
.086	.1122
.163	.0199
.246	.0352
.390	.1434
.798	.0000

ALPHAO(3) = -2.131 BETAO (4) = 8.395

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0304
.010	-.0468
.020	-.0209
.040	.0061
.086	.1232
.163	.1157
.246	.0820
.390	.2005
.798	.0000

ARC97-019 TAB1 LVAP(ALLHL SEALED) RT. WING BOT. (RETW38)

ALPHAO(4) = -.107 BETAO (1) = -6.062

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0678
.010	-.0481
.020	-.0284
.040	-.0270
.086	-.0202
.163	.0000
.246	.0233
.390	-.0493
.798	.0000

ALPHAO(4) = -.104 BETAO (2) = -4.014

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0453
.010	-.0140
.020	.0019
.040	.0062
.086	.0062
.163	-.0378
.246	.0154
.390	.0608
.798	.0000

ALPHAO(4) = -.095 BETAO (3) = .177

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0113
.010	.0277
.020	.0295
.040	.0256
.086	.1057
.163	-.0127
.246	-.0091
.390	.1117
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETH38)

ALPHAO(4) = -.081 BETAO (4) = 4.323

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3640

X/CM	
.000	-.0084
.010	-.0448
.020	.0873
.040	.0871
.086	.0959
.163	.0778
.246	.0572
.390	.1741
.798	.0000

ALPHAO(4) = -.078 BETAO (5) = 8.389

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3640

X/CM	
.000	.0343
.010	.0315
.020	.1149
.040	.1377
.086	.1086
.163	.1054
.246	.0478
.390	.2091
.798	.0000

ALPHAO(5) = 1.937 BETAO (1) = -6.052

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3640

X/CM	
.000	-.0868
.010	-.0631
.020	-.0415
.040	-.0389
.086	-.0092
.163	-.0042
.246	.0231
.390	.0039
.798	.0000

ARC97-019 IA81 (VAP(ALLHL SEALED) RT. WING BOT. (RETW38)

ALPHAO(5) = 1.942 BETAO (2) = -1.906

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0192
.010	-.0068
.020	-.0032
.040	-.0022
.086	.0245
.163	-.0310
.246	.0159
.390	.1055
.798	.0000

ALPHAO(5) = 1.953 BETAO (3) = 2.279

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0476
.010	.0684
.020	.0762
.040	.0698
.086	.1302
.163	.0041
.246	.0418
.390	.1615
.798	.0000

ALPHAO(5) = 1.968 BETAO (4) = 6.390

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0854
.010	.1251
.020	.1222
.040	.1130
.086	.0939
.163	.0374
.246	.0332
.390	.2140
.798	.0000

ARC97-019 TAB1 (VAPIALLHL SEALED) RT. WING BOT. (RETW38)

ALPHAO(6) = 3.403 BETAO (1) = -6.044

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1018
.010	-.0689
.020	-.0402
.040	-.0349
.086	.0279
.163	-.0016
.246	.0612
.390	.0725
.798	.0000

ALPHAO(6) = 3.401 BETAO (2) = -4.060

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0642
.010	-.0271
.020	-.0084
.040	-.0041
.086	.0157
.163	.0033
.246	.0560
.390	.1112
.798	.0000

ALPHAO(6) = 3.409 BETAO (3) = .180

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0147
.010	.0402
.020	.0327
.040	.0256
.086	.1101
.163	-.0141
.246	.0295
.390	.1548
.798	.0000

ARC97-019 !A81 LVAP(AL!HL SEALED) RT. WING BOT. (RETW38)

ALPHA0(6) = 3.415 BETA0 (4) = 3.721

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0664
.010	.0898
.020	.0827
.040	.0777
.086	.1033
.163	.0681
.246	.0191
.390	.2059
.798	.0000

ALPHA0(8) = 3.418 BETA0 (5) = 8.394

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0991
.010	.1241
.020	.1245
.040	.1177
.086	.1138
.163	.1025
.246	.0275
.390	.2297
.798	.0000

ALPHA0(7) = 6.122 BETA0 (1) = -4.040

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0655
.010	-.0306
.020	-.0147
.040	-.0094
.086	.0164
.163	.0359
.246	.0808
.390	.1377
.798	.0000

ARC97-C(3) TAB1 LVAP(ALLHL SEALED) RT. WING BOT. (RETW38)

ALPHAO(7) = 6.128 BETAO (2) = -1.890

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0437
.010	-.0103
.020	-.0110
.040	-.0152
.086	.0978
.163	-.0152
.246	.0677
.390	.1609
.798	.0000

ALPHAO(7) = 6.130 BETAO (3) = .192

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0181
.010	.0157
.020	.0125
.040	.0054
.086	.1481
.163	.0001
.246	.0345
.390	.2131
.798	.0000

ALPHAO(7) = 6.133 BETAO (4) = 2.291

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0258
.010	.0515
.020	.0455
.040	.0398
.086	.1722
.163	.0401
.246	.0625
.390	.2404
.798	.0000

ARC87-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW38)

ALPHAO(7) = 6.138 BETAO (5) = 3.707

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3840

X/CW	
.000	.0885
.010	.0868
.020	.0753
.040	.0667
.086	.1288
.163	.0799
.248	.0302
.390	.2394
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW39) (12 OCT 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.550 RN/FT = 2.500
ELV-IB = .000 ELV-OB = .000
RUDDER = .000 SPDBRK = .000

ALPHAO(1) = -6.293 BETAO (1) = .406

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0078
.010	-.0231
.020	.0257
.040	.0356
.086	-.0484
.163	-.0287
.246	-.0204
.390	.0741
.798	.0000

ALPHAO(2) = -4.229 BETAO (1) = -3.876

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0333
.010	-.0374
.020	-.0407
.040	-.0492
.086	.0514
.163	-.0690
.246	.0280
.390	.0566
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW39)

ALPHAO(2) = -4.210 BETAO (2) = .382

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0075
.010	-.0108
.020	.0364
.040	.0517
.086	-.0277
.163	-.0088
.246	.0000
.390	.1276
.798	.0000

ALPHAO(2) = -4.235 BETAO (3) = 3.933

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0365
.010	-.0354
.020	-.0633
.040	-.0715
.086	.0087
.163	-.1081
.246	-.0257
.390	.2318
.798	.0000

ALPHAO(3) = -.028 BETAO (1) = -5.881

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1782
.010	-.1888
.020	-.1396
.040	-.1227
.086	.2079
.163	.1625
.246	.1895
.390	.1400
.798	.0000

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW39)

ALPHAO(3) = -.024 BETAO (2) = -3.844

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1310
.010	-.1052
.020	-.0777
.040	-.0751
.086	.0975
.163	.0994
.246	.1526
.390	.1725
.798	.0000

ALPHAO(3) = -.022 BETAO (3) = .347

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0781
.010	.0017
.020	.0779
.040	.0666
.086	.0437
.163	.0505
.246	.1160
.390	.1998
.798	.0000

ALPHAO(3) = .001 BETAO (4) = 3.898

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0181
.010	.0105
.020	-.0147
.040	-.0279
.086	.0467
.163	-.0808
.246	.0728
.390	.3646
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW39)

ALPHAO(3) = .014 BETAO (5) = 6.597

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0567
.010	.0457
.020	.0135
.040	-.0001
.086	.0737
.163	-.0478
.246	.0522
.390	.4665
.798	.0000

ALPHAO(4) = 3.553 BETAO (1) = -3.877

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.2569
.010	-.1312
.020	-.0641
.040	-.0538
.086	.1824
.163	.1683
.246	.2331
.390	.2004
.798	.0000

ALPHAO(4) = 3.564 BETAO (2) = .361

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0701
.010	0441
.020	.0759
.040	.0814
.088	.1238
.163	.1291
.246	.2261
.390	.2431
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW39)

ALPHAO(4) = 3.575 BETAO (3) = 3.908

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	.0027
.010	.0208
.020	.0083
.040	.0228
.086	.1239
.163	.1406
.246	.2632
.390	.4391
.798	.0000

ALPHAO(5) = 6.255 BETAO (1) = .393

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.0971
.010	.0380
.020	.0871
.040	.0992
.086	.276[illegible]
.163	.1[illegible]
.246	.265[illegible]
.390	[illegible].34
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW40) (12 OCT 74)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	978.0000 IN. XT
LREF =	1297.0000 INCHES	YMRP =	.0000 IN. YT
BREF =	1297.0000 INCHES	ZMRP =	400.0000 IN. ZT
SCALE =	.0300 SCALE		

PARAMETRIC DATA

MACH =	2.000	RN/FT =	2.500
ELV-IB =	.000	ELV-OB =	.000
RUDDER =	.000	SPOBRK =	.000

ALPHAO(1) = -8.299 BETAO (1) = .072

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0084
.010	-.0163
.020	.0063
.040	.0063
.086	.0283
.163	.0054
.246	-.0042
.390	.0829
.798	.0000

ALPHAO(2) = -4.312 BETAO (1) = -4.221

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0772
.010	-.0518
.020	-.0251
.040	-.0188
.086	.0049
.163	-.0030
.246	.0326
.390	.0336
.798	.0000

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETWH0)

ALPHA0(2) = -4.288 BETA0 (2) = .038

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0116
.010	-.0231
.020	-.0050
.040	-.0057
.086	.0145
.163	-.0086
.246	.0019
.390	.0917
.798	.0000

ALPHA0(2) = -4.260 BETA0 (3) = 3.604

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0693
.010	.0405
.020	.0359
.040	.0375
.086	.1282
.163	-.0063
.246	-.0179
.390	.1770
.798	.0000

ALPHA0(3) = -.077 BETA0 (1) = -6.251

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1196
.010	-.0972
.020	-.0754
.040	-.0761
.086	.0473
.163	-.0284
.246	.0378
.390	-.0040
.798	.0000

ARC97-019 IA81 LVAP(ALL HL SEALED) RT. WING BOT. (RETWAD)

ALPHAO(3) = -.075 BETAO (2) = -4.195

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1104
.010	-.0857
.020	-.0599
.040	-.0410
.086	.0282
.163	-.0005
.246	.0519
.390	.0905
.793	.0000

ALPHAO(3) = -.072 BETAO (3) = .017

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0319
.010	-.0383
.020	-.0248
.040	-.0159
.086	.0188
.163	-.0073
.246	-.0073
.390	.1230
.798	.0000

ALPHAO(3) = -.054 BETAO (4) = 3.568

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0638
.010	.0437
.020	.0305
.040	.0223
.086	.1554
.163	-.0118
.246	-.0022
.390	.2175
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETWH0)

ALPHA0(3) = -.044 BETA0 (5) = 6.274

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.1137
.010	.0881
.020	.0739
.040	.0644
.086	.1679
.163	.0449
.246	.0509
.390	.2394
.798	.0000

ALPHA0(4) = 3.465 BETA0 (1) = -4.189

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1182
.010	-.0608
.020	-.0271
.040	-.0225
.086	.1003
.163	.0808
.246	.1531
.390	.1604
.798	.0000

ALPHA0(4) = 3.478 BETA0 (2) = .022

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0372
.010	-.0245
.020	-.0284
.040	-.0281
.086	.0759
.163	.0052
.246	.0508
.390	.2294
.798	.0000

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETHO)

ALPHAO(4) = 3.487 BETAO (3) = 3.575

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3640

X/CW	
.000	.0544
.010	.0639
.020	.0629
.040	.0888
.086	.1598
.183	.0207
.246	.0527
.390	.3126
.798	.0000

ALPHAO(5) = 6.182 BETAO (1) = .040

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3640

X/CW	
.000	-.0352
.010	-.0068
.020	-.0055
.040	.0014
.086	.1171
.183	.0509
.246	.1191
.390	.2872
.798	.0000

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETWN1) (12 OCT 74)

REFERENCE DATA

SREF =	2890.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1297.0000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1297.0000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

MACH =	2.200	RN/FT =	2.500
ELV-IB =	.000	ELV-OB =	.000
RUDDER =	.000	SPDBRK =	.000

ALPHAO(1) = -8.332 BETAO (1) = -.112

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3840

X/CW	
.000	.0286
.010	.0126
.020	.0235
.040	.0273
.086	.0329
.183	.0028
.246	.0028
.390	.0971
.798	.0000

ALPHAO(2) = -4.327 BETAO (1) = -4.351

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3840

X/CW	
.000	-.0884
.010	-.0428
.020	-.0804
.040	-.0128
.086	-.0085
.183	-.0017
.246	.0408
.390	.0148
.729	.0000

ARC97-019 TAB1 EVAP(ALLHL SEALED) RT. WING BOT. (RETWN1)

ALPHAO(2) = -4.302 BETAO (2) = -.140

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3840

X/CM	
.000	.0238
.010	.0066
.020	.0094
.040	.0131
.086	.0325
.163	-.0226
.246	-.0168
.390	.1005
.798	.0000

ALPHAO(2) = -4.281 BETAO (3) = 3.415

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3840

X/CM	
.000	.1047
.010	.0914
.020	.0785
.040	.0717
.086	.1624
.163	.0146
.246	.0298
.390	.1713
.798	.0000

ALPHAO(3) = -.145 BETAO (1) = -8.442

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BM .3840

X/CM	
.000	-.1089
.010	-.0858
.020	-.0847
.040	-.0894
.086	-.0054
.163	-.0268
.246	.0193
.390	-.0783
.798	.0000

ARC97-019 IAB1 LVAP(ALLML SEALED) RT. WING BOT. (RETW41)

ALPHAO(3) = -.137 BETAO (2) = -4.372

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.0829
.010	-.0639
.020	-.0449
.040	-.0361
.086	-.0198
.163	-.0035
.246	.0315
.390	.0522
.798	.0000

ALPHAO(3) = -.130 BETAO (3) = -.176

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	.0037
.010	-.0109
.020	-.0183
.040	-.0210
.086	.0479
.163	-.0509
.248	-.0112
.390	.1104
.798	.0000

ALPHAO(3) = -.117 BETAO (4) = 3.384

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	.0995
.010	.0684
.020	.0770
.040	.0868
.086	.1843
.163	.0193
.246	.0348
.390	.1959
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETWN1)

ALPHAO(3) = -.112 BETAO (5) = 8.096

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.1263
.010	.1246
.020	.1069
.040	.0930
.086	.1216
.163	.0529
.246	.0886
.390	.2184
.798	.0000

ALPHAO(4) = 3.395 BETAO (1) = -4.359

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1060
.010	-.0626
.020	-.0310
.040	-.0211
.086	.0556
.163	.0366
.246	.1025
.390	.1144
.798	.0000

ALPHAO(4) = 3.403 BETAO (2) = -.170

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0281
.010	-.0138
.020	-.0189
.040	-.0236
.086	.0677
.163	-.0199
.246	.0124
.390	.1748
.798	.0000

DATE 08 OCT 75 1A81B - PRESSURE SOURCE DATA TABULATION

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETWH1)

ALPHAO(4) = 3.411 BETAO (3) = 3.387

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0594
.010	.0736
.020	.0672
.040	.0594
.086	.1592
.163	.0349
.246	.0665
.390	.2584
.798	.0000

ALPHAO(5) = 6.079 BETAO (1) = -.145

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0331
.010	-.0091
.020	-.0095
.040	-.0122
.086	.0824
.163	.0031
.246	.0397
.390	.2352
.798	.0000

ARC97-019 IAB1 LVAP(ALLHL SEALED) RT. WING BOT. (RETRN2) (12 OCT 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.500 RN/FT = 2.500
ELV-IB = .000 ELV-OB = .000
RUDDER = .000 SPOBRK = .000

ALPHAO(1) = -6.275 BETAO (1) = .222

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0702
.010	.0841
.020	.0739
.040	.0710
.086	.0991
.163	.0135
.246	-.0134
.390	.1140
.798	.0000

ALPHAO(2) = -4.238 BETAO (1) = -3.999

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0092
.010	.0142
.020	.0294
.040	.0330
.086	.0178
.163	-.0185
.246	.0251
.390	.0378
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW42)

ALPHAO(2) = -4.215 BETAO (2) = .197

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0414
.010	.0651
.020	.0615
.040	.0578
.086	.1025
.163	.0096
.246	-.0140
.390	.1112
.798	.0000

ALPHAO(2) = -4.201 BETAO (3) = 3.750

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0044
.010	-.0003
.020	.0586
.040	.1197
.086	.1552
.163	.0836
.246	.0879
.390	.1581
.798	.0000

ALPHAO(3) = -.088 BETAO (1) = -8.077

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0645
.010	-.0457
.020	-.0276
.040	-.0254
.086	-.0168
.163	.0032
.246	.0263
.390	-.0508
.798	.0000

ARC97-019 TAB1 LVAP(ALLHL SEALED) RT. WING BOT. (RETW42)

ALPHAO(3) = -.087 BETAO (2) = -4.025

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0419
.010	-.0124
.020	.0046
.040	.0090
.086	.0100
.163	-.0345
.246	.0177
.390	.0647
.798	.0000

ALPHAO(3) = -.082 BETAO (3) = .174

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0158
.010	.0321
.020	.0346
.040	.0303
.086	.1109
.163	-.0077
.246	-.0037
.390	.1177
.798	.0000

ALPHAO(3) = -.071 BETAO (4) = 3.720

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0018
.010	-.0359
.020	.0337
.040	.0753
.086	.1010
.163	.0829
.246	.0637
.390	.1796
.798	.0000

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW42)

ALPHAO(3) = -.067 BETAO (5) = 6.427

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0445
.010	.0408
.020	.1261
.040	.1452
.086	.1159
.163	.1116
.246	.0538
.390	.2171
.798	.0000

ALPHAO(4) = 3.400 BETAO (1) = -4.002

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0564
.010	-.0224
.020	-.0019
.040	.0017
.086	.0223
.163	.0068
.246	.0595
.390	.1161
.798	.0000

ALPHAO(4) = 3.413 BETAO (2) = .178

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0215
.010	.0479
.020	.0414
.040	.0255
.086	.1174
.163	-.0057
.246	.0367
.390	.1655
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW42)

ALPHAO(4) = 3.420 BETAO (3) = 3.721

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0748
.010	.0946
.020	.0891
.040	.0837
.086	.1112
.163	.0754
.246	.0284
.390	.2187
.798	.0000

ALPHAO(5) = 6.075 BETAO (1) = .198

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0071
.010	.0274
.020	.0234
.040	.0155
.086	.1568
.163	.0104
.246	.0433
.390	.2189
.798	.0000

ARC97-019 [AB1 LVAP(ALLHL SEALED) RT. WING BOT. (RETWN3) [12 OCT 74]

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	978.0000 IN. XT		
LREF =	1297.0000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1297.0000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

MACH =	1.550	RN/FT =	2.500
ELV-1B =	8.000	ELV-0B =	.000
RUDDER =	.000	SPOIL =	.000

ALPHAO(1) = -8.289 BETAO (1) = .408

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0088
.010	-.0185
.020	.0261
.040	.0410
.086	-.0446
.163	-.0247
.246	-.0171
.390	.0785
.798	.0000

ALPHAO(2) = -4.227 BETAO (1) = -3.808

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0312
.010	-.0374
.020	-.0401
.040	-.0493
.086	.0471
.163	-.0700
.246	.0280
.390	.0550
.798	.0000

ARC97-019 (A81 LVAR(ALLHL SEALED) RT. , NO BOT. (RETH47)

ALPHAO(2) = -4.204 BETAO (2) = .384

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0060
.010	-.0110
.020	.0379
.040	.0485
.086	-.0272
.163	-.0094
.246	-.0001
.390	.1260
.798	.0000

ALPHAO(2) = -4.169 BETAO (3) = 3.833

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0338
.010	-.0373
.020	-.0633
.040	-.0732
.086	.0046
.163	-.1141
.246	-.0297
.390	.2288
.798	.0000

ALPHAO(3) = -2.122 BETAO (1) = .375

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0484
.010	.0097
.020	.0526
.040	.0529
.086	.0008
.163	.0173
.246	.0407
.390	.1604
.798	.0000

ARC97-019 TAB1 LVAP(ALLHL SEALED) RT. WING BOT. (RETW43)

ALPHAO(4) = -.030 BETAO (1) = -5.879

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1789
.010	-.1655
.020	-.1375
.040	-.1208
.086	.1989
.163	.1607
.246	.1891
.390	.1401
.798	.0000

ALPHAO(4) = -.027 BETAO (2) = -3.845

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1264
.010	-.0999
.020	-.0718
.040	-.0728
.086	.0972
.163	.0972
.246	.1508
.390	.1729
.798	.0000

ALPHAO(4) = -.030 BETAO (3) = -1.739

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0893
.010	-.0308
.020	-.0135
.040	-.0129
.086	.0719
.163	.0227
.246	.1251
.390	.1640
.798	.0000

ARC97-019 IA81 CVAPIALLHL SEALED) RT. WING BOT. (RETW43)

ALPHAO(4) = -.019 BETAO (4) = .351

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	- 0794
.010	-.0017
.020	.0804
.040	.0655
.086	.0425
.163	.0503
.246	.1182
.390	.1974
.798	.0000

ALPHAO(4) = -.003 BETAO (5) = 2.455

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0429
.010	-.0593
.020	.0063
.040	.0782
.086	.0203
.163	.0630
.246	.0498
.390	.2730
.798	.0000

ALPHAO(4) = .009 BETAO (6) = 3.897

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0140
.010	.0124
.020	-.0165
040	-.0292
086	.0440
.163	-.0799
.246	.0721
.390	.3637
.798	.0000

ARC97-019 (A8) LVAP(ALLHL SEALED) RT. WING BOT. (RETW43)

ALPHAO(4) = .019 BETAO (7) = 6.597

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0599
.010	.0449
.020	.0121
.040	-.0015
.086	.0726
.163	-.0463
.246	.0520
.390	.4716
.798	.0000

ALPHAO(5) = 2.072 BETAO (1) = .352

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0838
.010	.0393
.020	.0955
.040	.0842
.086	.0777
.163	.0871
.246	.1962
.390	.2391
.798	.0000

ALPHAO(6) = 3.555 BETAO (1) = -3.814

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.2638
.010	-.1252
.020	-.0637
.040	-.0550
.086	.1835
.163	[illegible]580
.246	.2520
[illegible]	[illegible]
[illegible]	[illegible]

ARC97-019 TAB1 LVAP(ALLHL SEALED) RT. WING BOT. (RETH=3)

ALPHAO(6) = 3.580 BETAO (2) = .365

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0683
.010	.0481
.020	.0765
.040	.0794
.086	1185
.163	.1300
.246	.2251
.390	2402
.798	.0000

ALPHAO(6) = 3.578 BETAO (3) = 3.907

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0051
.010	.0204
.020	.0098
.040	.0168
.086	.1250
.163	.1390
246	.2572
.390	.4409
.798	.0000

ALPHAO(7) = 6.258 BETAO (1) = .389

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0964
.010	.0368
.020	.0890
.040	.0964
086	.2695
.163	.1660
.246	.2640
390	.2781
.798	.0000

AR097-018 TAB! LVAP(ALLML SEALED) RT. WING BOT. (RETW44) (12 OCT 74)

REFERENCE DATA

SREF =	2890.0000 SQ.FT.	XMRP =	278.0000 IN. XT		
LREF =	1297.0000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1297.0000 INCHES	ZMRP =	500.0000 IN. ZT		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

MACH =	2.000	RN/FT =	2.500
ELV-IB =	9.000	ELV-OB =	.000
RUDDER =	.000	SPOBRK =	.000

ALPHAO(1) = -8.899 BETAO (1) = .071

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0092
.010	-.0127
.020	.0074
.040	.0051
.086	.0291
.163	.0100
.246	-.0008
.390	.0824
.798	.0000

ALPHAO(2) = -4.258 BETAO (2) = -4.163

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0737
.010	-.0485
.020	-.0219
.040	-.0157
.086	.0053
.163	-.0012
.246	.0326
.390	.0226
.798	.0000

C97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW44)

ALPHAO(2) = -4.231 BETAO (2) = .037

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0101
.010	-.0211
.020	-.0027
.040	-.0054
.086	.0153
.163	-.0054
.246	.0058
.390	.0930
.798	.0000

ALPHAO(2) = -4.258 BETAO (3) = 3.599

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0699
.010	.0419
.020	.0380
.040	.0406
.086	.1296
.163	-.0046
.246	-.0167
.390	.1796
.798	.0000

ALPHAO(3) = -2.161 BETAO (1) = .037

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0188
.010	-.0247
.020	-.0054
.040	-.0031
.086	.0166
.163	-.0096
.246	.0153
.390	.1060
.798	.0000

ARC97-019 1481 LVAP(ALLHL SEALED) RT. WING BOT. (RETW44)

ALPHAO(4) = -.093 BETAO (1) = -6.250

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1204
.010	-.0983
.020	-.0774
.040	-.0771
.086	.0471
.163	-.0333
.246	.0360
.390	.0017
.798	.0000

ALPHAO(4) = -.091 BETAO (2) = -4.198

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1099
.010	-.0852
.020	-.0600
.040	-.0515
.086	.0278
.163	.0006
.246	.0510
.390	.0903
.798	.0000

ALPHAO(4) = -.090 BETAO (3) = -2.083

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0631
.010	-.0576
.020	-.0531
.040	-.0475
.086	.0071
.163	.0022
.246	.0420
.390	.1414
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW44)

ALPHAO(4) = -.077 BETAO (4) = .009

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0320
.010	-.0372
.020	-.0241
.040	-.0140
.086	.0176
.163	-.0065
.246	-.0072
.390	.1230
.798	.0000

ALPHAO(4) = -.087 BETAO (5) = 2.124

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0011
.010	-.0081
.020	-.0052
.040	.0046
.086	.0881
.163	-.0153
.245	-.0310
.390	.1654
.798	.0000

ALPHAO(4) = -.059 BETAO (6) = 3.573

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0644
.010	.0458
.020	.0321
.040	.0246
.086	.1555
.163	-.0111
.245	.0061
.390	.2176
.798	.0000

ARC97-019 !ARI LVAP(ALLHL SEALED) RT. WING BOT. (RETW44)

ALPHAO(4) = -.053 BETAO (7) = 6.276

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.1119
.010	.0856
.020	.0726
.040	.0624
.086	.1676
.163	.0458
.246	.0507
.390	.2382
.798	.0000

ALPHAO(5) = 1.987 BETAO (1) = .023

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0340
.010	-.0348
.020	-.0344
.040	-.0269
.086	.0364
.163	-.0099
.246	.0175
.390	.1696
.798	.0000

ALPHAO(6) = 3.468 BETAO (1) = -4.234

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1185
.010	-.0909
.020	-.0289
.040	-.0240
.086	.0999
.163	.0747
.246	.1469
.390	.1603
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW44)

ALPHAO(6) = 3.479 BETAO (2) = .019

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0383
.010	-.0228
.020	-.0271
.040	-.0264
.086	.0794
.163	.0069
.246	.0474
.390	.2309
.798	.0000

ALPHAO(6) = 3.485 BETAO (3) = 3.581

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0531
.010	.0636
.020	.0620
.040	.0672
.086	.1597
.163	.0195
.246	.0515
.390	.3095
.798	.0000

ALPHAO(7) = 6.167 BETAO (1) = .048

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0346
.010	-.0061
.020	-.0028
.040	.0034
.086	.1150
.163	.0476
.246	.1104
.390	.2887
.798	.0000

ARC97-019 (A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETWR5) (12 OCT 7

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 978.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.200 RN/FT = 2 500
ELV-IB = 8.000 ELV-OB = 000
RUDDER = .000 SPDBRK = 00

ALPHAO(1) = -6.332 BETAO (1) = -.120

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0284
.010	.0126
.020	.0227
.040	.0278
.086	.0386
.163	.0038
.246	.0031
.390	.0962
.798	.0000

ALPHAO(2) = -4.288 BETAO (1) = -4.351

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0595
.010	-.0409
.020	-.0186
.040	-.0109
.086	-.0082
.163	-.0011
.246	.0407
.390	.0141
.798	.0000

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW45)

ALPHAO(2) = -4.320 BETAO (2) = -.149

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0222
.010	.0075
.020	.0102
.040	.0142
.086	.0314
.163	-.0202
.246	-.0128
.390	.1003
.798	.0000

ALPHAO(2) = -4.300 BETAO (3) = 3.413

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.1041
.010	.0877
.020	.0769
.040	.0678
.086	.1600
.163	.0127
.246	.0303
.390	.1698
.798	.0000

ALPHAO(3) = -2.199 BETAO (1) = -.165

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0191
.010	.0038
.020	.0005
.040	.0015
.086	.0339
.163	-.0300
.246	-.0148
.390	.1060
.798	.0000

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW45)

ALPHAO(4) = -.116 BETAO (1) = -6.442

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1117
.010	-.0878
.020	-.0679
.040	-.0686
.086	-.0027
.163	-.0291
.246	.0155
.390	-.0858
.798	.0000

ALPHAO(4) = -.115 BETAO (2) = -4.378

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0858
.010	-.0673
.020	-.0467
.040	-.0383
.086	-.0228
.163	-.0042
.246	.0302
.390	.0484
.798	.0000

ALPHAO(4) = -.112 BETAO (3) = -2.284

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0385
.010	-.0348
.020	-.0334
.040	-.0338
.086	-.0159
.163	-.0284
.246	.0306
.390	.1104
.798	.0000

ARC97-019 IA81 EVAP(ALLHL SEALED) RT. WING BOT. (RETW45)

ALPHAO(4) = -.108 BETAO (4) = -.175

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0025
.010	-.0115
.020	-.0189
.040	-.0216
.086	.0471
.163	-.0502
.246	-.0085
.390	.1181
.798	.0000

ALPHAO(4) = -.100 BETAO (5) = 1.938

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0423
.010	.0328
.020	.0200
.040	.0126
.086	.1149
.163	-.0252
.246	.0031
.390	.1570
.798	.0000

ALPHAO(4) = -.095 BETAO (6) = 3.333

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0941
.010	.0913
.020	.0731
.040	.0630
.085	.1597
.163	.0155
.245	.0320
.390	.1944
.799	.0000

ARC97-019 !A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETWN5)

ALPHAO(4) = -.089 BETAO (7) = 6.028

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	.1288
.010	.1891
.020	.1058
.040	.0914
.086	.1274
.163	.0517
.246	.0080
.390	.2177
.798	.0000

ALPHAO(5) = 1.033 BETAO (1) = -.155

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0196
.010	-.0173
.020	-.0224
.040	-.0261
.086	.0469
.163	-.0435
.246	-.0082
.390	.1213
.798	.0000

ALPHAO(6) = 3.402 BETAO (1) = -4.411

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.1051
.010	-.0835
.020	-.0325
.040	-.0241
.086	.0527
.163	.0358
.246	.1005
.390	.1193
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETAN5)

ALPHAO(6) = 3.403 BETAO (2) = -.163

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0291
.010	-.0159
.020	-.0213
.040	-.0260
.086	.0670
.163	-.0223
.246	.0114
.390	.1802
.798	.0000

ALPHAO(6) = 3.408 BETAO (3) = 3.392

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0572
.010	.0720
.020	.0653
.040	.0579
.086	.1576
.163	.0326
.246	.0646
.390	.2559
.798	.0000

ALPHAO(7) = 6.072 BETAO (1) = -.153

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0355
.010	-.0106
.020	-.0106
.040	-.0133
.086	.0809
.163	.0032
.246	.0395
.390	.2403
.798	.0000

ARC97-019 TAB1 LVAP(ALL HL SEALED) RT. WING BOT. (RETWN6)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1697.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.550 RN/FT = 2.500
ELV-IB = 10.000 ELV-OB = 0.000
RUDDER = .000 SPDBRK = .000

ALPHAO(1) = -6.268 BETAO (1) = .417

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	- 0109
.010	- 0258
.020	.0236
.040	.0368
.086	-.0499
.163	-.0288
.246	-.0212
.390	.0731
.798	.0000

ALPHAO(2) = -4.270 BETAO (1) = -3.851

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0341
.010	-.0378
.020	-.0414
.040	-.0495
.086	.0467
.163	-.0724
.246	.0271
.390	.0565
.798	.0000

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW46)

ALPHAO(2) = -4.251 BETAO (2) = .391

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0090
.010	-.0125
.020	.0382
.040	.0483
.086	-.0291
.163	-.0122
.246	-.0037
.390	.1244
.798	.0000

ALPHAO(2) = -4.215 BETAO (3) = 3.923

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0275
.010	-.0390
.020	-.0673
.040	-.0751
.086	.0044
.163	-.1168
.246	-.0308
.390	.2294
.798	.0000

ALPHAO(3) = -2.110 BETAO (1) = .382

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0530
.010	.0055
.020	.0533
.040	.0530
.086	-.0019
.163	.0181
.246	.0359
.390	.1597
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW48)

ALPHAO(4) = -.014 BETAO (1) = -5.856

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1769
.010	-.1893
.020	-.1391
.040	-.1234
.086	.1910
.163	.1606
.246	.1871
.390	.1405
.798	.0000

ALPHAO(4) = -.012 BETAO (2) = -3.894

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1251
.010	-.1010
.020	-.0747
.040	-.0738
.086	.0947
.163	.0934
.246	.1481
.390	.1704
.798	.0000

ALPHAO(4) = -.017 BETAO (3) = -1.729

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0924
.010	-.0350
.020	-.0154
.040	-.0161
.086	.0673
.163	.0195
.246	.1227
.390	.1619
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (PWTW48)

ALPHAO(4) = -.008 BETAO (4) = .358

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0839
.010	.0003
.020	.0774
.040	.0649
.086	.0379
.163	.0443
.246	.1131
.390	.1978
.798	.0000

ALPHAO(4) = .002 BETAO (5) = 2.458

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0468
.010	-.0515
.020	-.0047
.040	.0753
.086	.0202
.163	.0581
.246	.0431
.390	.2756
.798	.0000

ALPHAO(4) = .017 BETAO (6) = 3.895

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0147
.010	.0088
.020	-.0205
.040	-.0323
.086	.0432
.163	-.0842
.246	.0728
.390	.3638
.798	.0000

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW46)

ALPHAO(4) = .628 BETAO (1) = 8.518

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0559
.010	.0424
.020	.0097
.040	-.0043
.086	.0700
.163	-.0500
.246	.0587
.390	.4825
.798	.0000

ALPHAO(5) = 2.074 BETAO (1) = .382

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0858
.010	.0352
.020	.0989
.040	.0809
.088	.0695
.163	.0866
.248	.1938
.390	.2345
.798	.0000

ALPHAO(6) = 3.583 BETAO (1) = -3.860

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.2582
.010	-.1256
.020	-.0640
.040	-.0586
.086	.1625
.163	.1654
.246	.2308
.390	.1983
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETW46)

ALPHAO(6) = 3.565 BETAO (2) = .374

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0729
.010	.0432
.020	.0759
.040	.0784
.086	.1193
.163	.1272
.246	.2266
.390	.2423
.798	.0000

ALPHAO(6) = 3.578 BETAO (3) = 3.899

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0028
.010	.0162
.020	.0064
.040	.0184
.086	.1196
.163	.1165
.246	.2631
.390	.4404
.798	.0000

ALPHAO(7) = 6.314 BETAO (1) = .393

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1067
.010	.0321
.020	.0864
.040	.0959
.086	.2791
.163	.1631
.246	.2618
.390	.2738
.798	.0000

ARC97-019 1AB1 LVAP(ALLHL SEALED) RT. WING BOT. (RETWN7) (12 OCT 74)

REFERENCE DATA

SREF =	2690.0000 SQ FT.	XMRP =	976.0000 IN. XT		
LREF =	1297.0000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1297.0000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

MACH =	2.000	RN/FT =	2.500
ELV-IB =	10.000	ELV-OB =	-4.000
RUDDER =	.000	SPDBRK =	.000

ALPHAO(1) = -6.283 BETAO (1) = .072

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0097
.010	-.0142
.020	.0056
.040	.0037
.086	.0279
.163	.0088
.246	-.0005
.390	.0829
.798	.0000

ALPHAO(2) = -4.315 BETAO (1) = -4.217

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0771
.010	-.0511
.020	-.0243
.040	-.0179
.086	.0031
.163	-.0036
.246	.0312
.390	.0331
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETH47)

ALPHAO(2) = -4.282 BETAO (2) = .044

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0136
.010	.0253
.020	-.0057
.040	-.0093
.086	.0113
.163	-.0099
.246	.0007
.390	.0896
.798	.0000

ALPHAO(2) = -4.245 BETAO (3) = 3.589

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0660
.010	.0350
.020	.0350
.040	.0376
.086	.1248
.163	-.0065
.246	-.0207
.390	.1759
.798	.0000

ALPHAO(3) = -2 148 BETAO (1) = .035

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0247
.010	-.0296
.020	-.0109
.040	-.0077
.086	.0113
.163	-.0151
.246	.0091
.390	.1010
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETWN7)

ALPHAO(4) = -.077 BETAO (1) = -8.234

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.1231
.010	-.1020
.020	-.0789
.040	-.0818
.086	.0435
.163	-.0348
.246	.0335
.390	-.0022
.798	.0000

ALPHAO(4) = -.076 BETAO (2) = -4.257

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1131
.010	-.0879
.020	.0621
.040	-.0534
.086	.0242
.163	-.0016
.246	.0493
.390	.0879
.798	.0000

ALPHAO(4) = -.074 BETAO (3) = -2.080

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0652
.010	-.0808
.020	-.0542
.040	-.0481
.086	.0046
.163	.0014
.246	.0399
.390	.1398
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING BOT. (RETWN7)

ALPHAO(4) = - 070 BETAO (4) = .011

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0359
.010	-.0414
.020	-.0272
.040	-.0175
.086	.0150
.163	-.0108
246	-.0066
.390	.1200
.798	.0000

ALPHAO(4) = -.060 BETAO (5) = 2.115

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0019
.010	-.0121
.020	-.0082
.040	.0014
.086	.0829
.163	-.0189
.246	-.0359
.390	.1857
.798	.0000

ALPHAO(4) = -.050 BETAO (8) = 3.551

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0606
.010	.0434
.020	.0298
.040	.0215
.086	.1555
.163	-.0130
.246	-.0030
.390	.2183
.798	.0000

ARC97-019 (AB) LVAP(ALLHL SEALED) RT. WING BOT. (RETHW7)

ALPHAO(4) = -.026 BETAO (7) = 6.169

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.1088
.010	.0828
.020	.0667
.040	.0577
.086	.1656
.163	.0397
.246	.0471
.390	.2390
.798	.0000

ALPHAO(5) = 1.982 BETAO (1) = .010

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0392
.010	-.0379
.020	-.0353
.040	-.0272
.086	.0327
.163	-.0121
.246	.0282
.390	.1751
.798	.0000

ALPHAO(6) = 3.472 BETAO (1) = -4.227

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.1201
.010	-.0638
.020	-.0319
.040	-.0261
.086	.0997
.163	.0742
[illegible]	.1468
.390	.1578
.798	.0000

ARC97-019 IABI LVAP(ALLML SEALED) RT. WING BOT. (RETWN7)

ALPHAO(6) = 3.475 BETAO (2) = .017

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3840

X/CW	
.000	-.0400
.010	-.0279
.020	-.0295
.040	-.0295
.086	.0759
.163	.0053
.246	.0662
.390	.2299
.798	.0000

ALPHAO(6) = 3.480 BETAO (3) = 3.492

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	.0495
.010	.0595
.020	.0595
.040	.0640
.086	.1575
.163	.0212
.246	.0482
.390	.3110
.798	.0000

ALPHAO(7) = 6.220 BETAO (1) = .042

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0374
.010	-.0109
.020	-.0048
.040	-.0029
.086	.1120
.163	.0497
.246	.1355
.390	.2836
.798	.0000

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR30) (04 SEP 78)

REFERENCE DATA

SREF = 2090.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.500 = 3.000
ELV-IB = .000 EL -OB = .000
RUDDER = .000 SPOBRK = 55.000

BETAO (1) = .230 ALPHAO(1) = -6.381

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0992	.0663
.010		.0507
.020		.0582
.040		.0654
.041	.0741	
.113	.0864	
.163		.1088
.246		.0525
.247	.0471	
.390		-.0272
.429	.0001	
.547	.0165	
.637		-.0691
.636	-.0224	
.727	-.0257	
.793	.0165	
.798		.0117

BETAO (1) = .215 ALPHAO(2) = -4.330

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0943	.0387
.010		.0269
.020		.0375
.040		.0448
.041	.0633	
.113	.0742	
.163		.0825
.246		.0230
.247	.0360	
.390		.2484
.429	-.0137	
.547	-.0066	
.637		-.0125

ARC97-019 1A81 LVAP(ALL+ SEALED) RT. WING TOP (RETR30) (04 SEP 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.500 RN/FT = 3.000
ELV-IB = .000 ELV-OB = .000
RUDDER = .000 SPDBRK = 55.000

BETAO (1) = .230 ALPHAO(1) = -6.381

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0992	.0663
.010		.0507
.020		.0582
.040		.0654
.041	.0741	
.113	.0864	
.163		.1088
.246		.0525
.247	.0471	
.390		-.0272
.429	.0001	
.547	.0165	
.637		-.0691
.638	-.0224	
.727	-.0257	
.793	.0165	
.799		.0117

BETAO (1) = .215 ALPHAO(2) = -4.330

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0943	.0387
.010		.0269
.020		.0375
.040		.0448
.041	.0833	
.113	.0742	
.163		.0825
.246		.0230
.247	.0360	
.390		.2464
.429	-.0137	
.547	-.0066	
.637		-.01[illegible]

ARC97 019 (A81 CVAP(ALL HL SEALED) RT. WING BOT. (RETHN7)

ALPHA0(6) = 3.479 BETA0 (2) = 0:7

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
.000	-.0400
.010	-.0279
.020	-.0297
.040	-.0295
.086	.0759
.163	.0053
.246	.0662
.390	.2299
.798	.0000

ALPHA0(6) = 3.480 BETA0 (3) = 3.492

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/	
	.0495
.010	.0595
.020	.0595
.040	.0640
.086	.1575
.163	.0212
.246	.0482
.390	.3110
.798	.0000

ALPHA0(7) = 6.220 BETA0 (1) = .042

SECTION (1)RIGHT WING BOTTOM DEPENDENT VARIABLE CP

Y/BW .3640

X/CW	
000	-.0374
010	-.0109
020	-.0048
.040	-.0029
086	.1120
.163	.0497
.246	.1355
390	.2836
798	.0000

ARC97-01S 1A81 LVAP(ALLM SEALED) RT. WING TOP (RETR30) (04 SEP 75)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. X		
LREF =	1297.0000 INCHES	YMRP =	.0000 IN. Y		
BREF =	1297.0000 INCHES	ZMRP =	400.0000 IN. Z		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

MACH =	2.500	RN/FT =	3.000
ELV-IB =	.000	ELV-OB =	000
RUDDER =	.000	SPOILER =	55.000

BETA(1) = .230 ALPHA(1) = -6.381

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3640
X/CM		
.000	.0992	.0663
.010		.0507
.020		.0582
.040		.0654
.041	.0741	
.113	.0084	
.183		.1068
.246		.0525
.247	.0471	
.390		-.0272
.429	.0001	
.547	.0165	
.637		-.0691
.638	-.0224	
.727	-.0257	
.793	.0165	
.798		.0117

BETA(1) = .215 ALPHA(2) = -4.330

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3640
X/CM		
.000	.0943	.0387
.010		.0269
.020		.0375
.040		.0446
.041	.0633	
.113	.0742	
.183		.0825
.246		.0230
.247	.0360	
.390		.2404
.429	-.0137	
.547	-.0066	
.637		-.0125

ARC97-019 IAB1 LVAP(ALLHL SEALED) RT. WING TOP (RETR30)

BETAO (1) = .215 ALPHAO(2) = -4.330

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.638	.4097	
.727	-.0397	
.793	.0032	
.798		-.0056

BETAO (1) = .182 ALPHAO(3) = -.116

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
000	.0753	.0071
.010		-.0047
.020		.0038
.040		.0038
.041	.0174	
.113	.0127	
.163		.0322
.246		-.0381
.247	-.0130	
.390		-.1129
.429	-.0597	
.547	-.0603	
.637		-.1233
.638	-.0825	
.727	-.0845	
.793	-.0059	
.798		-.0625

BETAO (1) = .186 ALPHAO(4) = 4.058

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0480	.0192
.010		-.0041
.020		.0080
.040		.0103
.041	-.0181	
.113	-.0397	
.163		.0012
.248		-.0874

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR30)

BETAO (1) = .196 ALPHAO(4) = 4.058

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.247	-.0521	
.390		-.1434
.429	-.0815	
.547	-.0668	
.637		-.1531
.638	-.1061	
.727	-.1042	
.793	-.0898	
.798		-.0987

BETAO (1) = .209 ALPHAO(5) = 8.267

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0083	-.0105
.010		-.0260
.020		-.0172
.040		-.0154
.041	-.0598	
.113	-.0873	
.163		-.0260
.248		-.0803
.247	-.0835	
.390		-.1537
.429	-.0735	
.547	-.0706	
.637		-.1695
.638	-.1111	
.727	-.1214	
.793	-.1138	
.798		-.1285

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR30)

BETAO (1) = .218 ALPHAO(8) = 10.355

SECTION (1):RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0102	-.0198
.010		-.0508
.020		-.0406
.040		-.0324
.041	-.0713	
.113	-.0980	
.163		-.0309
.246		-.0874
.247	-.0895	
.390		-.1524
.429	-.0579	
.547	-.0669	
.637		-.1708
.638	-.1105	
.727	-.1205	
.793	-.1146	
.798		-.1290

ARC97-019 !A81 LVAP(ALL HL SEALED) RT. WING TOP (RETR31) (04 SEP 75)

REFERENCE DATA

SREF =	2690.0000	SQ.FT.	XMRP =	376.0000	IN. XT
LREF =	1297.0000	INCHES	YMRP =	.0000	IN. YT
BREF =	1297.0000	INCHES	ZMRP =	400.0000	IN. ZT
SCALE =	.0300	SCALE			

PARAMETRIC DATA

MACH =	2.200	RN/FT =	3.000
ELV-IB =	.000	ELV-OB =	.000
RUDDER =	.000	SPDBRK =	65.000

BETAO (1) = -.117 ALPHAO(1) = -6.403

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0425	.0293
.010		.0265
.020		.0359
.040		.0439
.041	.0627	
.113	.0500	
.163		.0970
.246		.0511
.247	-.0003	
.390		-.0348
.429	-.0033	
.547	.0232	
.637		-.0810
.638	-.0276	
.727	-.0332	
.793	.1114	
.798		.0098

BETAO (1) = -.139 ALPHAO(2) = -4.308

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0298	.0240
.010		.0133
.020		.0149
.040		.0229
.041	.0444	
.113	.0323	
.163		.0522
.246		.0097
.247	-.0203	
.390		-.0620
.429	-.0416	
.547	-.0057	
.637		-.1033

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR31)

BETAO (1) = -.139 ALPHAO(2) = -4.308

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.638	-.0501	
.727	-.0556	
.793	.0681	
.798		-.0159

BETAO (1) = -.174 ALPHAO(3) = -.147

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0120	.0015
.010		-.0158
.020		-.0056
.040		-.0045
.041	-.0076	
.113	-.0161	
.163		-.0065
.246		-.0651
.247	-.0558	
.390		-.1224
.429	-.0885	
.547	-.0547	
.637		-.1365
.638	-.0869	
.727	-.0907	
.793	.0172	
.798		-.0723

BETAO (1) = -.167 ALPHAO(4) = 4.050

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0144	-.0265
.010		-.0403
.020		-.0384
.040		-.0315
.041	-.0660	
.113	-.0662	
.163		-.0467
.246		-.1081

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ARC97-019 IAB1 LVAP(ALL HL SEALED) RT. WING TOP (RETR31)

BETAO (1) = -.167 ALPHAO(4) = 4.050

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.247	-.0972	
.390		-.1695
.429	-.0896	
.547	-.0869	
.637		-.1748
.638	-.1213	
.727	-.1222	
.793	-.0376	
.798		-.1139

BETAO (1) = -.139 ALPHAO(5) = 8.292

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0452	-.0378
.010		-.0635
.020		-.0543
.040		-.0450
.041	-.1018	
.113	-.1205	
.163		-.0539
.248		-.1131
.247	-.0990	
.390		-.1942
.429	-.0852	
.547	-.1018	
.637		-.2083
.638	-.1426	
.727	-.1492	
.793	-.1398	
.798		-.1667

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR31)

BETAO (1) = -.118 ALPHAO(8) = 10.383

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/C		
.000	-.0611	-.0283
.010		-.0701
.020		-.0561
.040		-.0440
.041	-.1145	
.113	-.1316	
.163		-.0583
.246		-.1139
.247	-.0941	
.390		-.1938
.429	-.0864	
.547	-.0974	
.637		-.2142
.638	-.1467	
.727	-.1561	
.793	-.1464	
.798		-.1778

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR32) (04 SEP 75)

REFERENCE DATA

SREF =	4690.0000 SQ.FT.	XMRP =	978.0000 IN. XT		
LREF =	1297.0000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1297.0000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

MACH =	2.000	RN/FT =	3.000
ELV-IB =	.000	ELV-OB =	.000
RUDDER =	.000	SPDBRK =	55.000

BETAO (1) = .079 ALPHAO(1) = -8.373

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0109	-.0138
.010		-.0016
.020		.0106
.040		.0146
.041	.0573	
.113	.0176	
.163		.1292
.246		.0661
.247	-.0307	
.390		-.0219
.429	.0280	
.547	.0373	
.637		-.0872
.638	-.0285	
.727	-.0395	
.793	.1276	
.798		.0284

BETAO (1) = .053 ALPHAO(2) = -4.277

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0063	-.0145
.010		-.0119
.020		-.0023
.040		-.0007
.041	.0354	
.113	-.0007	
.163		.0781
.246		.0304
.247	-.0520	
.390		-.0509
.428	-.0050	
.547	.0128	
.637		-.1062

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR32)

BETAO (1) = .053 ALPHAO(2) = -4.277

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.638	-.0517	
.727	-.0610	
.793	.0859	
.798		-.0023

BETAO (1) = .011 ALPHAO(3) = -.098

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0280	-.0318
.010		-.0451
.020		-.0379
.040		-.0307
.041	-.0251	
.113	-.0405	
.163		-.0073
.246		-.0440
.247	-.0870	
.390		-.1124
.429	-.0621	
.547	-.0371	
.637		-.1517
.638	-.0911	
.727	-.0985	
.793	.0201	
.798		-.0659

BETAO (1) = .020 ALPHAO(4) = 4.129

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0495	-.0370
.010		-.0530
.020		-.0495
.040		-.0460
.041	-.0947	
.113	-.0899	
.163		-.0506
.246		-.1133

ARC97-019 1A81 LVAPIALLHL SEALED) RT. WING TOP (RETP32)

BETAO (1) = .020 ALPHAO(41) = 4.129

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.247	-.0931	
.390		-.1637
.429	-.0949	
.547	-.0779	
.637		-.1855
.638	-.1281	
.727	-.1318	
.793	-.1138	
.798		-.1131

BETAO (1) = .053 ALPHAO(5) = 8.392

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0904	-.0263
.010		-.0564
.020		-.0505
.040		-.0434
.041	-.1372	
.113	-.1282	
.163		-.0625
.246		-.1287
.247	-.0965	
.390		-.2133
.429	-.0915	
.547	-.1024	
.637		-.2234
.638	-.1534	
.727	-.1611	
.793	-.1521	
.798		-.1898

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR32)

BETAO (1) = .074 ALPHAO(61) = 10.494

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1054	-.0473
.010		-.0825
.020		-.0636
.040		-.0577
.041	-.1517	
.113	-.1320	
.163		-.0620
.246		-.1322
.247	-.1059	
.390		-.2235
.429	-.0835	
.547	-.1030	
.637		-.2358
.638	-.1671	
.727	-.1738	
.793	-.1652	
.798		-.2036

ARC97-019 1A81 LVAP(ALLML SEALED) RT. WING TOP (RETR33) (04 SEP 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 978.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.550 RN/FT = 3.000
ELV-IB = .000 ELV-OB = .000
RUDDER = .000 SPDBRK = 55.000

BETAO (1) = .428 ALPHAO(1) = -6.390

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1367	-.0094
.010		.0149
.020		.0394
.040		.0491
.041	-.0766	
.113	-.1113	
.163		.1620
.246		.0664
.247	-.0680	
.390		-.0366
.429	.0159	
.547	.0272	
.637		-.0991
.638	-.0721	
.727	-.0706	
.783	.2221	
.788		.0738

BETAO (1) = .401 ALPHAO(2) = -4.271

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1381	-.0083
.010		.0139
.020		.0272
.040		.0335
.041	-.1148	
.113	-.1441	
.163		.1311
.246		.0298
.247	-.0872	
.390		-.0728
.429	-.0099	
.547	.0071	
.637		-.1543

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR33)

BETAO (1) = .401 ALPHAO(2) = -4.271

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.638	-.0953	
.727	-.1078	
.793	.1807	
.798		.0402

BETAO (1) = .349 ALPHAO(3) = -.038

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1637	-.0906
.010		-.0778
.020		-.0422
.040		-.0206
.041	-.1530	
.113	-.1632	
.163		.0737
.246		-.0321
.247	-.1310	
.390		-.1446
.429	-.0490	
.547	-.0326	
.637		-.2258
.638	-.1428	
.727	-.1504	
.793	.0037	
.798		-.0087

BETAO (1) = .366 ALPHAO(4) = 4.233

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
000	-.1497	-.0835
.010		-.0957
.020		-.0798
.040		-.0751
041	-.1041	
.113	-.1708	
.163		-.0235
.246		-.0822

ARC97-019 !A81 LVAPIALLML SEALED) RT. WING TOP (RETR33)

BETAO (1) = .365 ALPHAO(4) = 4.233

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3640
X/CM		
.247	-.1427	
.390		-.1982
.429	-.0856	
.547	-.0592	
.637		-.2383
.638	-.1758	
.727	-.1875	
.793	-.1651	
.798		-.1151

BETAO (1) = .403 ALPHAO(5) = 8.510

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3640
X/CM		
.000	-.1826	-.1397
.010		-.1517
.020		-.1162
.040		-.1624
.041	-.1926	
.113	-.1754	
.163		-.1269
.245		-.1571
.247	-.0925	
.390		-.2535
.429	-.1027	
.547	-.0897	
.637		-.3213
.638	-.2077	
.727	-.2291	
.793	-.2249	
.798		-.2181

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR34) (04 SEP 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.550 RN/FT = 2.500
ELV-IB = 8.000 ELV-OB = -4.000
RUDDER = .000 SPOBRK = .000

BETAO (1) = .403 ALPHAO(1) = -6.292

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1394	-.0123
.010		.0186
.020		.0364
.040		.0492
.041	-.0918	
.113	-.1181	
.163		.1625
.246		.0686
.247	-.0707	
.390		-.0346
.429	.0000	
.547	.0272	
.637		-.0944
.638	-.0724	
.727	-.0717	
.793	.2137	
.798		.0320

BETAO (1) = .378 ALPHAO(2) = -4.209

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1376	-.0088
.010		.0128
.020		.0275
.040		.0373
.041	-.1219	
.113	-.1467	
.163		.1373
.246		.0376
.247	-.0879	
.390		-.0719
.429	.0000	
.547	.0069	
.637		-.1500

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR34)

BETAO (1) = .378 ALPHAO(2) = -4.209

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.638	-.0964	
.727	-.1045	
.793	.1601	
.798		.0049

BETAO (1) = .358 ALPHAO(3) = -2.124

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1482	-.0520
.010		-.0151
.020		.0137
.040		.0255
.041	-.1407	
.113	-.1626	
.163		.1063
.246		.0006
.247	-.1050	
.390		-.1158
.429	.0000	
.547	-.0183	
.637		-.1960
.638	-.1260	
.727	-.1299	
.793	.0975	
.798		-.0121

BETAO (1) = .342 ALPHAO(4) = -.027

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1692	-.0835
.010		-.0711
.020		-.0326
.040		-.0055
.041	-.1493	
.113	-.1624	
.163		.0783
.246		-.0248

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR34)

BETAO (1) = .342 ALPHAO(4) = -.027

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.247	-.1327	
.390		-.1458
.429	.0000	
.547	-.0326	
.637		-.2224
.638	-.1431	
.727	-.1510	
.793	.0079	
.798		-.0478

BETAO (1) = .346 ALPHAO(5) = 2.059

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1857	-.0868
.010		-.0953
.020		-.0650
.040		-.0484
.041	-.1122	
.113	-.1885	
.163		.0452
.246		-.0475
.247	-.1571	
.390		-.1688
.429	.0000	
.547	-.0410	
637		-.2423
.638	-.1558	
.727	-.1681	
.793	-.0927	
.798		-.0921

ARC97-019 (A81 CVAP(ALLHL SEALED) RT. WING TOP (RETR34)

BETAO (1) = .356 ALPHAO(6) = 3.707

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1468	-.0747
.010		-.0949
.020		-.0773
.040		-.0705
.041	-.1180	
.113	-.1775	
.163		-.0123
.246		-.0754
.247	-.1446	
.390		-.1950
.429	.0000	
.547	-.0559	
.637		-.2640
.638	-.1736	
.727	-.1892	
.793	-.1593	
.798		-.1520

BETAO (1) = .369 ALPHAO(7) = 8.242

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1551	-.1047
.010		-.1203
.020		-.0969
.040		-.0884
.041	-.1498	
.113	-.1838	
.163		-.0839
.246		-.0895
.247	-.1220	
.390		-.2208
.429	.0000	
.547	-.0709	
.637		-.2882
.638	-.1919	
.727	-.2082	
.793	-.1932	
.798		-.1984

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR35) (04 SEP 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.550 RN/FT = 2.500
ELV-1B = 8.000 ELV-0B = -4.000
RUDDER = .000 SPDBRK = .000

ALPHAO(1) = -8.333 BETAO (1) = -3.794

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1666	-.0040
.010		.0063
.020		.0179
.040		.0240
.041	-.1199	
.113	-.1563	
.163		.1155
.246		.0478
.247	-.1058	
.390		-.0446
.429	-.0140	
.547	-.0011	
.637		-.0427
.638	-.0964	
.727	-.0568	
.793	.2358	
.798		.0411

ALPHAO(1) = -6.319 BETAO (2) = -1.683

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1785	.0053
.010		.0239
.020		.0400
.040		.0487
.041	-.1062	
.113	-.1352	
.163		.1411
.246		.0622
.247	-.0831	
.390		-.0403
.429	.0059	
.547	.0130	
.637		-.0503

ARC97-019 TAB1 LVAP(ALLHL SEALED) RT. WING TOP (RETR35)

ALPHAO(1) = -6.319 BETAO (2) = -1.683

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.638	-.0876	
.727	-.0619	
.793	.2366	
.798		.0354

ALPHAO(1) = -6.080 BETAO (3) = .391

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1375	-.0108
.010		.0185
.020		.0385
.040		.0504
.041	-.0891	
.113	-.1149	
.163		.1635
.246		.0701
.247	-.0685	
.390		-.0327
.429	.0172	
.547	.0272	
.637		-.0911
.638	-.0714	
.727	-.0682	
.793	.2166	
.798		.0346

ALPHAO(1) = -6.299 BETAO (4) = 2.522

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1010	.0044
.010		.0383
.020		.0554
.040		.0651
.041	-.0775	
.113	-.0733	
.163		.1794
.246		.0879

ARC97-019 IA81 LVAP(ALLHL SEALED: RT. WING TOP (RETR35)

ALPHAO(1) = -6.299 BETAO (41 = 2.522

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.247	-.0323	
390		-.0304
.429	.0273	
.547	.0428	
.637		-.1190
.638	-.0581	
.727	-.0736	
.793	.2017	
.798		.0489

ALPHAO(1) = -6.042 BETAO (5) = 4.587

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0619	.0345
.010		.0590
.020		.0751
.040		.0857
.041	-.0429	
.113	-.0210	
.163		.1926
.246		.0893
.247	-.0045	
.390		-.0280
.429	.0387	
.547	.0532	
.637		-.1154
.638	-.0419	
.727	-.0706	
.793	.1530	
.798		.0594

ARC97-019 TAB1 LVAP(ALLHL SEALED) RT. WING TOP (RETR35)

ALPHAO(2) = -4.215 BETAO (1) = -5.870

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1274	-.0663
.010		-.0451
.020		-.0399
.040		-.0354
.041	-.1495	
.113	-.2041	
.163		.0892
.246		.0638
.247	-.1560	
.390		-.0139
.429	.0000	
.547	-.0097	
.637		.0693
.638	-.0207	
.727	.0375	
.793	.2532	
.799		.0545

ALPHAO(2) = -4.211 BETAO (2) = -3.827

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1626	-.0327
.010		-.0129
.020		-.0028
.040		.0021
.041	-.1360	
.113	-.1886	
.163		.0885
.246		.0203
.247	-.1340	
.390		-.0697
.429	.0000	
.547	-.0171	
.637		-.0782
.638	-.1090	
.727	-.0808	
.793	.1852	
.798		.0396

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR35)

ALPHAO(2) = -4.184 BETAO (3) = .385

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1398	-.0081
.010		.0163
.020		.0284
.040		.0391
.041	-.1210	
.113	-.1460	
.163		.1380
.246		.0378
.247	-.0845	
.390		-.0728
.429	.0000	
.547	.0079	
.637		-.1515
.638	-.0969	
.727	-.1031	
.793	.1601	
.798		.0058

ALPHAO(2) = -4.155 BETAO (4) = 4.581

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0854	.0349
.010		.0453
.020		.0599
.040		.0674
.041	-.0560	
.113	-.0845	
.163		.1510
.246		.0456
.247	-.0192	
.390		-.0726
.429	.0000	
.547	.0257	
.637		-.1635
.638	-.0768	
.727	-.0987	
.793	.0332	
.798		.0142

AR097-019 1A81 LV/PIALLHL SEALED) RT. WING TOP (RETR35)

ALPHA0(2) = -4.139 BETA0 (5) = 6.823

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0225	.0729
.010		.0742
.020		.0908
.040		.0960
.041	-.0033	
.113	-.0215	
.163		.1696
.246		.0475
.247	.0273	
.390		-.0759
.429	.0000	
.547	.0381	
.637		-.1845
.638	-.0652	
.727	-.0955	
.793	-.0186	
.798		.0106

ALPHA0(3) = -2.110 BETA0 (1) = -5.871

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1318	-.1190
.010		-.0886
.020		-.0663
.040		-.0552
.041	-.1669	
.113	-.2288	
.163		.0867
.246		.0575
.247	-.1927	
.390		-.0178
.429	.0000	
.547	.0366	
.637		.0136
.638	-.0273	
.727	-.0054	
.793	.2029	
.798		.0286

ARC97-019 IAB1 LVAP(ALLHL SEALED) RT. WING TOP (RETR35)

ALPHAO(3) = -2.109 BETAO (2) = -1.724

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1647	-.0444
.010		-.0227
.020		-.0002
.040		.0118
.041	-.1309	
.113	-.1949	
.163		.0882
.246		-.0087
.247	-.1338	
.390		-.1114
.429	.0000	
.547	-.0279	
.637		-.1624
.638	-.1312	
.727	-.1247	
.793	.1551	
.798		-.0145

ALPHAO(3) = -2.081 BETAO (3) = 2.471

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0476	-.0299
.010		.1350
.020		.2854
.040		.2235
.041	-.0423	
.113	.0084	
.163		.0749
.246		-.2095
.247	.0151	
.390		-.1637
.429	-.0618	
.547	-.0152	
.637		.2165
.638	.2308	
.727	.0000	
.793	.0810	
.798		.1409

ARC97-019 IA81 (VAP(ALLHL SEALED) RT. WING TOP (RETR35)

ALPHAO(3) = -2.052 BETAO (4) = 6.807

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	- 0376	.0660
010		0537
020		.0657
.040		.0728
.041	- 0279	
.113	-.0282	
.163		.1268
.246		.0087
.247	.0132	
.390		- 1146
.429	.0000	
.547	.0087	
.637		-.1939
.638	-.0949	
727	- 1182	
793	- 1075	
798		-.0581

ALPHAO(4) = .004 BETAO (1) = -5.872

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
000	-.1102	-.1803
.010		- 1459
.020		-.0947
040		- 0730
.041	-.1809	
113	- 2544	
.63		0987
246		0454
247	-.2103	
.390		- 0526
429	0000	
547	0553	
637		- 0671
638	-.0360	
727	-.0441	
793	.1518	
798		.0050

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR35)

ALPHAO(4) = .007 BETAO (2) = -3.836

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1249	-.1281
.010		-.0693
.020		-.0479
.040		-.0398
.041	-.1566	
.113	-.2323	
.163		.0414
.246		-.0295
.247	-.1786	
.390		-.1294
.429	.0000	
.547	-.0468	
.637		-.1314
.638	-.1421	
.727	-.1275	
.793	.1423	
.798		.0241

ALPHAO(4) = .019 BETAO (3) = .354

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1709	-.0832
.010		-.0764
.020		-.0421
.040		-.0156
.041	-.1482	
.113	-.1579	
.163		.0773
.246		-.0263
.247	-.1395	
.390		-.1466
.429	.0000	
.547	-.0318	
.637		-.2255
.638	-.1424	
.727	-.1511	
.793	.0058	
.798		-.0511

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR35)

ALPHAO(4) = .011 BETAO (4) = 4.521

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0826	.0128
.010		-.0050
.020		.0151
.040		.0209
.041	-.0836	
.113	-.0703	
.183		.0789
.246		-.0237
.247	-.0655	
.390		-.1425
.429	.0000	
.547	-.0153	
.627		-.2166
.638	-.1260	
.727	-.1370	
.793	-.1286	
.798		-.1002

ALPHAO(4) = .022 BETAO (5) = 6.587

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0570	.0542
.010		.0381
.020		.0500
.040		.0552
.041	-.0380	
.113	-.0211	
.183		.0918
.248		-.0263
.247	-.0153	
.390		-.1453
.429	.0000	
.547	-.0108	
.637		-.2129
.638	-.1195	
.727	-.1340	
.793	-.1372	
.798		-.1138

ARC97-019 TAB1 LVAP(ALLHL SEALED) RT. WING TOP (RETR35)

ALPHAO(5) = 2.068 BETAO (1) = -5.888

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0879	-.2536
.010		-.2221
.020		-.1698
.040		-.1178
.041	-.1775	
.113	-.2629	
.163		.0849
.246		.0316
.247	-.2179	
.390		-.0799
.429	.0000	
.547	.0467	
.637		-.1483
.638	-.0683	
.727	-.0921	
.793	.0939	
.798		-.0115

ALPHAO(5) = 2.063 BETAO (2) = -1.748

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1350	-.1239
.010		-.1164
.020		-.0883
.040		-.0658
.041	-.1282	
.113	-.1990	
.163		.0302
.246		-.0514
.247	-.1638	
.390		-.1609
.429	.0000	
.547	-.0530	
.637		-.2384
.638	-.1587	
.727	-.1663	
.793	.0245	
.798		-.0634

ARC97-019 TA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR35)

ALPHAO(5) = 2.078 BETAO (3) = 2.458

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0992	-.0460
.010		-.0672
.020		-.0518
.040		-.0380
.041	-.0701	
.113	-.1390	
.163		.0363
.246		-.0544
.247	-.1444	
.390		-.1668
.429	.0000	
.547	-.0332	
.637		-.2441
.638	-.1502	
.727	-.1652	
.793	-.1444	
.798		-.1235

ALPHAO(5) = 2.104 BETAO (4) = 6.587

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0237	.0423
.010		.0199
.020		.0327
.040		.0379
.041	.0103	
.113	-.0468	
.163		.0494
.246		-.0587
.247	-.0343	
.390		-.1764
.429	.0000	
.547	-.0305	
.637		-.2328
.638	-.1373	
.727	-.1526	
.793	-.1507	
.798		-.1595

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR35)

ALPHAO(6) = 4.193 BETAO (1) = -5.872

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0896	-.3180
.010		-.2639
.020		-.2020
.040		-.1763
.041	-.1808	
.113	-.2671	
.163		.0209
.246		.0012
.247	-.2136	
.390		-.1193
.429	.0000	
.547	.0405	
.637		-.2030
.638	-.0928	
.727	-.1283	
.793	.0331	
.798		-.0410

ALPHAO(6) = 4.191 BETAO (2) = -3.831

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0796	-.2665
.010		-.2114
.020		-.1723
.040		-.1500
.041	-.1400	
.113	-.2333	
.163		-.0089
.246		-.0674
.247	-.1859	
.390		-.1729
.429	.0000	
.547	-.0503	
.637		-.1720
.638	-.1639	
.727	-.1775	
.793	.1021	
.798		-.0394

ARC97-019 TAB1 LVAP(ALLHL SEALED) RT. WING TOP (RETR35)

ALPHAO(6) = 4.197 BETAO (3) = .361

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1432	-.0721
.010		-.0950
.020		-.0785
.040		-.0708
.041	-.1176	
.113	-.1742	
.163		-.0184
.246		-.0769
.247	-.1454	
.390		-.1978
.429	.0000	
.547	-.0569	
.637		-.2663
.638	-.1749	
.727	-.1901	
.793	-.1613	
.798		-.1541

ALPHAO(6) = 4.208 BETAO (4) = 4.530

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0267	.0004
.010		-.0390
.020		-.0286
.040		-.0222
.041	-.0367	
.113	-.1046	
.163		-.0093
.246		-.1029
.247	-.0865	
.390		-.2068
.429	.0000	
.547	-.0545	
.637		-.2648
.638	-.1675	
.727	-.1830	
.793	-.1746	
.798		-.1969

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR35)

ALPHAO(6) = 4.216 BETAO (5) = 6.589

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0185	.0485
.010		.0097
.020		.0159
.040		.0194
.041	-.0081	
.113	-.0608	
.163		.0178
.246		-.0934
.247	-.0301	
.390		-.2222
.429	.0000	
.547	-.0579	
.637		-.2623
.638	-.1685	
.727	-.1814	
.793	-.1775	
.798		-.2115

ALPHAO(7) = 6.319 BETAO (1) = -3.811

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1078	-.3140
.010		-.2584
.020		-.2187
.040		-.1893
.041	-.1476	
.113	-.2413	
.163		-.0471
.246		-.0920
.247	-.1754	
.390		-.1974
.429	.0000	
.547	-.0619	
.637		-.2158
.638	-.1770	
.727	-.1932	
.793	.1129	
.798		-.0810

ARC87-019 TABI LVAP(ALLHL SEALED) RT. WING TOP (RETR35)

ALPHAO(7) = 6.315 BETAO (2) = -1.718

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1602	-.2022
.010		-.1844
.020		-.1515
.040		-.1386
.041	-.1479	
.113	-.2197	
.163		-.0730
.246		-.0985
.247	-.1486	
.390		-.2142
.429	.0000	
.547	-.0781	
.637		-.2836
.838	-.1899	
.727	-.2058	
.793	-.1192	
.798		-.1584

ALPHAO(7) = 6.318 BETAO (3) = .374

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1595	-.1055
.010		-.1198
.020		-.1001
.040		-.0904
.041	-.1492	
.113	-.1838	
.163		-.0904
.246		-.1030
.247	-.1227	
.390		-.2203
.429	.0000	
.547	-.0723	
.837		-.2898
.638	-.1928	
.727	-.2083	
.793	-.1941	
.798		-.1988

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR35)

ALPHAO(7) = 8.321 BETAO (4) = 2.475

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.1099	-.0655
.010		-.0882
.020		-.0610
.040		-.0464
.041	-.1102	
.113	-.1532	
.163		-.0652
.246		-.1400
.247	-.0914	
.390		-.2238
.429	.0000	
.547	-.0729	
.637		-.2922
.638	-.1937	
.727	-.2070	
.793	-.1996	
.798		-.2183

ALPHAO(7) = 6.324 BETAO (5) = 4.539

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.3895	.1305
.010		.1777
.020		.2296
.040		.2123
.041	-.0208	
.113	-.1950	
.163		.1649
.246		.0000
.247	.0000	
.390		-.2300
.429	-.2968	
.547	-.3747	
.637		-.4283
.638	-.4219	
.727	-.5320	
.793	-.5384	
.798		-.5471

APC97-019 1A81 LVAP(ALLML SEALED) RT. WING TOP (RETR36) (04 SEP 75)

REFERENCE DATA

SREF = 2590.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.000 RN/FT = [illegible]
ELV-1B = 8.000 ELV-OB = [illegible]
RUDDER = .000 SPOIRR = [illegible]

ALPHAO(1) = -5.354 BETAO (1) = -4.160

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0152	-.0474
.010		-.0241
.020		-.0022
.040		.0086
.041	.0309	
.113	-.0316	
.163		.1110
.246		.0675
.247	-.0588	
.390		-.0114
.429	.0000	
.547	.0328	
.637		-.0814
.638	-.0352	
.727	-.0454	
.793	.1254	
.798		.0384

ALPHAO(1) = -6.341 BETAO (2) = -2.050

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0008	-.0296
.010		-.0195
.020		-.0031
.040		.0077
.041	.0482	
.113	-.0061	
.163		.1276
.246		.0721
.247	-.0440	
.390		-.0110
.429	.0000	
.547	.0348	
.637		-.0793

ARC97-019 TAB1 LVAP(ALLHL SEALED) RT. WING TOP (RETR36)

ALPHAO(1) = -6.341 BETAO (2) = -2.050

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.638	-.0493	
.727	-.0378	
.793	.1312	
.798		.0200

ALPHAO(1) = -6.322 BETAO (3) = .062

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0128	-.0079
.010		.0023
.020		.0151
.040		.0252
.041	.0530	
.113	.0167	
.163		.1300
.246		.0776
.247	-.0327	
.390		-.0147
.429	.0000	
.547	.0403	
.637		-.0828
.638	-.0262	
.727	-.0377	
.793	.1270	
.798		.0081

ALPHAO(1) = -6.302 BETAO (4) = 2.174

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	3640
X/CW		
.000	.0482	.0322
010		.0410
.020		.0535
.040		.0613
.041	.0738	
113	.0443	
163		.1353
246		.0741

ARC97-019 IA81 CVAP(ALLHL SEALED) RT. WING TOP (RETR36)

ALPHAO(1) = -8.302 BETAO (4) = 2.174

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3040
X/CW		
.247	-.0087	
.390		-.0211
.429	.0000	
.547	.0440	
.637		-.0846
.638	-.0283	
.727	-.0336	
.793	.1039	
.798		.0078

ALPHAO(1) = -6.286 BETAO (5) = 4.251

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0822	.0710
.010		.0763
.020		.0845
.040		.0907
.041	.0957	
.113	.0651	
.163		.1459
.246		.0760
.247	.0122	
.390		-.0229
.429	.0000	
.547	.0520	
.637		-.0840
.638	-.0249	
.727	-.0308	
.793	.0681	
.798		-.0012

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR36)

ALPHAO(2) = -4.273 BETAO (1) = -8.247

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0091	-.0768
.010		-.0489
.020		-.0302
.040		-.0223
.041	-.0102	
.113	-.0745	
.163		.0608
.246		.0239
.247	-.0948	
.390		-.0443
.429	.0000	
.547	-.0020	
.637		-.1020
.638	-.0620	
.727	-.0715	
.793	.0583	
.798		.0088

ALPHAO(2) = -4.265 BETAO (2) = -4.183

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0117	-.0773
.010		-.0655
.020		-.0466
.040		-.0341
.041	.0124	
.113	-.0492	
.163		.0693
.246		.0317
.247	-.0826	
.390		-.0413
.429	.0000	
.547	.0045	
.637		-.1045
.638	-.0570	
.727	-.0685	
.793	.0878	
.798		-.0070

ARC97-019 !AB! LVAP(ALLHL SEALED) RT. WING TOP (RETR38)

ALPHAO(2) = -4.235 BETAO (3) = .039

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0081	-.0114
.010		-.0104
.020		-.0018
.040		.0036
.041	.0275	
.113	-.0029	
.183		.0808
.246		.0377
.247	-.0558	
.390		-.0481
.429	.0000	
.547	.0122	
.637		-.1067
.638	-.0523	
.727	-.0618	
.793	.0902	
.798		-.0241

ALPHAO(2) = -4.200 BETAO (4) = 4.234

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/ W	.2350	.3640
X/CW		
.000	.0586	.0694
.010		.0625
.020		.0678
.040		.0727
.041	.0589	
.113	.0422	
.183		.1058
.246		.0357
.247	-.0076	
.390		-.0541
.429	.0000	
.547	.0255	
.637		-.1062
.638	-.0437	
.727	-.0548	
.793	.0173	
.798		-.0352

ARC97-019 TAB1 CVAP(ALLML SEALED) RT. WING TOP (RETR36)

ALPHA0(2) = -4.192 BETA0 (51 = 6.302

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0844	.1142
.010		.1004
.020		.1043
.040		.1079
.041	.0814	
.113	.0650	
.163		.1237
.246		.0174
.247	.0199	
.390		-.0538
.429	.0000	
.547	.0395	
.637		-.1036
.638	-.0355	
.727	-.0404	
.793	.0032	
.798		-.0409

ALPHA0(3) = -2.186 BETA0 (1) = -6.258

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0026	-.1031
.010		-.0861
.020		-.0684
.040		-.0586
.041	-.0301	
.113	-.0877	
.163		.0228
.246		-.0282
.247	.1149	
.390		-.0754
.429	.0000	
.547	-.0242	
.637		-.1185
.638	-.0792	
.727	-.0890	
.793	.0413	
.798		-.0306

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ARC97-019 TAB1 LVAP(ALLHL SEALED) RT. WING TOP (RETR36)

ALPHAO(3) = -2.175 BETAO (2) = -2.080

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0245	-.0500
.010		-.0527
.020		-.0455
.040		-.0392
.041	.0001	
.113	-.0458	
.163		.0305
.246		-.0009
.247	-.0903	
.390		-.0779
.429	.0000	
.547	-.0212	
.637		-.1247
.638	-.0763	
.727	-.0828	
.793	.0794	
.798		-.0594

ALPHAO(3) = -2.148 BETAO (3) = 2.137

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0039	.0095
.010		.0046
.020		.0095
.040		.0147
.041	-.0004	
.113	-.0069	
.163		.0433
.246		-.0086
.247	-.0512	
.390		-.0876
.429	.0000	
.547	-.0155	
.637		-.1273
.638	-.0709	
.727	-.0778	
.793	.0029	
.798		-.0638

ARC97-019 TAB1 (VAPTAILAL SEALED) RT. WING TOP (RETR36)

ALPHAO(3) = -2.124 BETAO (4) = 6.280

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0728	.1179
.010		.0963
.020		.0990
.040		.1029
.041	.0433	
.113	.0348	
.163		.0931
.246		.0119
.247	.0063	
.390		-.0843
.429	.0000	
.547	.0188	
.637		-.1268
.638	-.0545	
.727	-.0611	
.793	-.0280	
.798		-.0852

ALPHAO(4) = -.096 BETAO (1) = -6.268

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0132	-.1220
.010		-.1076
.020		-.0964
.040		-.0905
.041	-.0522	
.113	-.1082	
.163		-.0093
.246		-.0342
.247	-.1318	
.390		-.0912
.429	.0000	
.547	-.0466	
.637		-.1341
.638	-.0951	
.727	-.1023	
.793	.0189	
.798		-.0594

ARC97-919 TAB1 LVAP(ALLHL SEALED) RT. WING TOP (RETR36)

ALPHAO(4) = -.095 BETAO (2) = -4.207

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0058	-.1117
.010		-.1081
.020		-.0976
.040		-.0930
.041	-.0376	
.113	-.0842	
.163		-.0058
.246		-.0297
.247	-.1196	
.390		-.0953
.429	.0000	
.547	-.0458	
.637		-.1389
.638	-.0937	
.727	-.1015	
.793	.0227	
.798		-.0712

ALPHAO(4) = -.084 BETAO (3) = .007

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0201	-.0324
.010		-.0403
.020		-.0344
.040		-.0305
.041	-.0288	
.113	-.0445	
.163		-.0062
.246		-.0445
.247	-.0804	
.390		-.1087
.429	.0000	
.547	-.0388	
.637		-.1483
.838	-.0930	
.727	-.0978	
.793	.0137	
.798		-.0859

ARC97-019 [A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR36)

ALPHAO(4) = -.062 BETAO (4) = 4.182

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0218	.0610
.010		.0400
.020		.0428
.040		.0458
.041	-.0128	
.113	-.0092	
.163		.0351
.246		-.0397
.247	-.0437	
.390		-.1247
.429	.0000	
.547	-.0282	
.637		-.1565
.638	-.0932	
.727	-.0965	
.793	-.0758	
.798		-.1022

ALPHAO(4) = -.055 BETAO (5) = 8.267

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0516	.1099
.010		.0814
.020		.0870
.040		.0886
.041	.0057	
.113	.0037	
.163		.0755
.246		-.0150
.247	-.0111	
.390		-.1157
.429	.0000	
.547	-.0042	
.637		-.1501
.638	-.0753	
.727	-.0829	
.793	-.0642	
.798		-.1196

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR36)

ALPHAO(5) = 1.985 BETAO (1) = -6.257

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0180	-.1612
.010		-.1304
.020		-.1166
.040		-.1094
.041	-.0678	
.113	-.1248	
.163		-.0409
.246		-.0573
.247	-.1432	
.390		-.1084
.429	.0000	
.547	-.0573	
.637		-.1458
.638	-.1065	
.727	-.1130	
.793	.0105	
.798		-.0769

ALPHAO(5) = 1.981 BETAO (2) = -2.089

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0356	-.0679
.010		-.0783
.020		-.0707
.040		-.0675
.041	-.0474	
.113	-.0858	
.163		-.0494
.246		-.0681
.247	-.1206	
.390		-.1292
.429	.0000	
.547	-.0662	
.637		-.1607
.638	-.1118	
.727	-.1121	
.793	.0054	
.798		-.1074

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR36)

ALPHAO(5) = 1.994 BETAO (3) = 2.124

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0220	.0101
.010		-.0106
.020		-.0043
.040		-.0030
.041	-.0604	
.113	-.0532	
.163		-.0073
.246		-.0785
.247	-.0821	
.390		-.1523
.429	.0000	
.547	-.0630	
.637		-.1710
.638	-.1139	
.727	-.1139	
.793	-.0958	
.798		-.1175

ALPHAO(5) = 2.005 BETAO (4) = 8.268

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0305	.0971
.010		.0702
.020		.0738
.040		.0774
.041	-.0250	
.113	-.0214	
.163		.0662
.246		-.0312
.247	-.0082	
.390		-.1391
.429	.0000	
.547	-.0220	
.637		-.1709
.638	-.0948	
.727	-.1040	
.793	-.1104	
.798		-.1456

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ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR36)

ALPHAO(8) = 4.105 BETAO (1) = -8.249

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0317	-.1944
.010		-.1679
.020		-.1545
.040		-.1401
.041	-.0922	
.113	-.1397	
.163		-.0706
.246		-.0769
.247	-.1538	
.390		-.1273
.429	.0000	
.547	-.0670	
.637		-.1627
.638	-.1178	
.727	-.1224	
.793	-.0064	
.798		-.1003

ALPHAO(8) = 4.105 BETAO (2) = -4.195

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0221	-.1169
.010		-.1169
.020		-.1038
.040		-.0989
.041	-.0737	
.113	-.1178	
.163		-.0812
.246		-.0842
.247	-.1391	
.390		-.1371
.429	.0000	
.547	-.0724	
.637		-.1705
.638	-.1211	
.727	-.1240	
.793	-.0044	
.798		-.1156

ARC97-019 IAB1 LVAP(ALLHL SEALED) RT. WING TOP (RETR36)

ALPHAO(6) = 4.105 BETAO (3) = .015

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0592	-.0395
.010		-.0569
.020		-.0503
.040		-.0467
.041	-.1021	
.113	-.0979	
163		-.0523
.246		-.1140
.247	-.0926	
.390		-.1671
.429	.0000	
.547	-.0831	
.637		-.1891
.638	-.1343	
.727	-.1372	
.793	-.1205	
.798		-.1363

ALPHAO(6) = 4.102 BETAO (4) = 4.191

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0088	.0479
.010		.0198
.020		.0278
.040		.0308
.041	-.0704	
.113	-.0674	
.163		.0125
.246		-.0773
.247	-.0331	
.390		-.1722
.429	.0000	
.547	-.0597	
.637		-.1992
.638	-.1318	
.727	-.1368	
.793	-.1293	
.798		-.1717

DATE 06 OCT 75 TAB.B - PRESSURE SOURCE DATA TABULATION

ARC97-019 (AB) LVAP(ALLHL SEALED) RT WING TOP (RETR36)

ALPHAO(6) = 4.104 BETAO (5) = 6.248

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0065	.0951
.010		.0589
.020		.0646
.040		.0686
.041	-.0552	
.113	-.0565	
.183		.0487
.246		-.0496
.247	.0032	
.390		-.1584
.429	.0000	
.547	-.0336	
.637		-.1890
.638	-.1116	
.727	-.1203	
.793	-.1176	
.798		-.1669

ALPHAO(7) = 6.207 BETAO (1) = -4.161

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0498	-.1153
.010		-.1209
.020		-.1063
.040		-.1013
.041	-.1003	
.113	-.1402	
.183		-.1027
.246		-.1256
.247	-.1469	
.390		-.1831
.429	.0000	
.547	-.0824	
.637		-.1911
.638	-.1349	
.727	-.1402	
.793	-.0179	
.798		-.1390

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR36)

ALPHAO(7) = 6.210 BETAO (2) = -2.065

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0942	-.0790
.010		-.0979
.020		-.0863
.040		-.0820
.041	-.1152	
.113	-.1284	
.163		-.0850
.246		-.1470
.247	-.1228	
.390		-.1792
.429	.0000	
.547	-.0956	
.637		-.2028
.638	-.1470	
.727	-.1504	
.793	-.0823	
.798		-.1530

ALPHAO(7) = 6.220 BETAO (3) = .028

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0751	-.0379
.010		-.0628
.020		-.0545
.040		-.0489
.041	-.1271	
.113	-.1205	
.163		-.0545
.246		-.1281
.247	-.0953	
.390		-.1967
.429	.0000	
.547	-.0950	
.637		-.2080
.638	-.1467	
.727	-.1530	
.793	-.1407	
.798		-.1743

DATE 08 OCT 75 TABIB - PRESSURE SOURCE DATA TABULATION

ARC97-019 TAB1 (VAPORIZED SEALED) RT. WING TOP METR36

ALPHA0(7) = 6.219 BETA0 (4) = 2.132

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0562	-.0094
.010		-.0340
.020		-.0250
.040		-.0207
.041	-.1140	
.113	-.1113	
.163		-.0323
.246		-.1103
.247	-.0652	
.390		-.2016
.429	.0000	
.547	-.0897	
.637		-.2149
.638	-.1495	
.727	-.1541	
.793	-.1425	
.798		-.1898

ALPHA0(7) = 6.217 BETA0 (5) = 4.196

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0323	.0443
.010		.0131
.020		.0208
.040		.0251
.041	-.0923	
.113	-.0956	
.163		.0019
.246		-.0877
.247	-.0343	
.390		-.1842
.429	.0000	
.547	-.0638	
.637		-.2120
.638	-.1377	
.727	-.1493	
.793	-.1427	
.798		-.1902

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR37) (04 SEP 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.200 RN/FT = 2.500
ELV-IB = 8.000 ELV-OB = -4.000
RUDDER = .000 SPDBRK = .000

ALPHAO(1) = -6.357 BETAO (1) = -4.340

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0230	-.0457
.010		-.0389
.020		-.0266
.040		-.0190
.041	.0462	
.113	-.0085	
.163		.0814
.248		.0482
.247	-.0402	
.390		-.0286
.429	.0000	
.547	.0151	
.637		-.0843
.638	-.0409	
.727	-.0511	
.793	.0329	
.798		.0213

ALPHAO(1) = -6.346 BETAO (2) = -2.232

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0112	-.0099
.010		-.0089
.020		.0007
.040		.0075
.041	.0505	
.113	.0157	
.163		.0884
.248		.0457
.247	-.0219	
.390		-.0294
.429	.0000	
.547	.0174	
.637		-.0830

ARC97-019 TAB1 EVAP(ALLHL SEALED) RT. WING TOP (RETR3?)

ALPHAO(1) = -8.348 BETAO (2) = -2.232

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.638	-.0359	
.727	-.0451	
.793	.0819	
.798		.0054

ALPHAO(1) = -8.330 BETAO (3) = -.129

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0381	.0241
.010		.0254
.020		.0343
.040		.0391
.041	.0620	
.113	.0446	
.163		.0961
.246		.0500
.247	-.0070	
.390		-.0356
.429	.0000	
.547	.0188	
.637		-.0814
.638	-.0312	
.727	-.0384	
.793	.1039	
.798		-.0077

ALPHAO(1) = -8.316 BETAO (4) = 1.982

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0772	.0628
.010		.0618
.020		.0693
.040		.0744
.041	.0854	
.113	.0707	
.163		.1155
.246		.0591

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR37)

ALPHAO(1) = -6.316 BETAO (4) = 1.982

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.247	.0102	
.390		-.0339
.429	.0000	
.547	.0321	
.637		-.0831
.638	-.0264	
.727	-.0360	
.793	.0792	
.798		-.0103

ALPHAO(1) = -6.303 BETAO (5) = 4.052

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.1036	.1088
.010		.1043
.020		.1081
.040		.1112
.041	.0882	
.113	.0801	
.183		.1395
.246		.0657
.247	.0333	
.390		-.0282
.429	.0000	
.547	.0452	
.637		-.0788
.638	-.0166	
.727	-.0262	
.793	.0404	
.798		-.0105

DATE 08 OCT 75 TAB1B - PRESSURE SOURCE DATA TABULATION

ARC9?-019 TAB1 CVAP(ALLHL SEALED) RT. WING TOP (RETR37)

ALPHAO(2) = -4.273 BETAO (1) = -6.424

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0354	-.0820
.010		-.0652
.020		-.0522
.040		-.0460
.041	.0026	
.113	-.0512	
.163		.0333
.246		.0087
.247	-.0755	
.390		-.0498
.429	.0000	
.547	-.0101	
.637		-.1004
.638	-.0635	
.727	-.0727	
.793	-.0070	
.798		-.0047

ALPHAO(2) = -4.268 BETAO (2) = -4.382

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0272	-.0589
.010		-.0531
.020		-.0437
.040		-.0387
.041	.0268	
.113	-.0193	
.163		.0445
.246		.0195
.247	-.0521	
.390		-.0471
.429	.0000	
.547	-.0049	
.637		-.0959
.638	-.0554	
.727	-.0654	
.793	.0295	
.798		-.0067

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR37)

ALPHAO(2) = -4.242 BETAO (3) = -.145

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0302	.0245
.010		.0168
.020		.0222
.040		.0262
.041	.0472	
.113	.0319	
.163		.0606
.246		.0148
.247	-.0192	
.390		-.0586
.429	.0000	
.547	-.0022	
.637		-.0950
.638	-.0463	
.727	-.0523	
.793	.0663	
.798		-.0317

ALPHAO(2) = -4.218 BETAO (4) = 4.041

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0901	.1082
.010		.0962
.020		.0988
.040		.1005
.041	.0667	
.113	.0590	
.163		.1095
.246		.0366
.247	.0213	
.390		-.0536
.429	.0000	
.547	.0219	
.637		-.0914
.639	-.0329	
.727	-.0389	
.793	.0062	
.798		-.0378

ARC87-019 1A8! LVAP(ALLHL SEALED) RT. WING TOP (RETR37)

ALPHAO(2) = -4.212 BETAO (5) = 6.108

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.1274	.1505
.010		.1324
.020		.1337
.040		.1364
.041	.0888	
.113	.0825	
.163		.1367
.246		.0498
.247	.0409	
.390		-.0506
.429	.0000	
.547	.0345	
.637		-.0847
.638	-.0214	
.727	-.0308	
.793	.0114	
.798		-.0381

ALPHAO(3) = -2.199 BETAO (1) = -6.428

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0260	-.0925
.010		-.0798
.020		-.0684
.040		-.0630
.041	-.0155	
.113	-.0590	
.163		-.0031
.246		-.0198
.247	-.0825	
.390		-.0684
.429	.0000	
.547	-.0288	
.637		-.1109
.638	-.0741	
.727	-.0845	
.793	-.0192	
.798		-.0269

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR37)

ALPHAO(3) = -2.188 BETAO (2) = -2.253

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0000	-.0292
.010		-.0389
.020		-.0309
.040		-.0285
.041	.0091	
.113	-.0188	
.163		.0017
.246		-.0252
.247	-.0574	
.390		-.0853
.429	.0000	
.547	-.0359	
.637		-.1182
.638	-.0752	
.727	-.0806	
.793	.0289	
.798		-.0578

ALPHAO(3) = -2.171 BETAO (3) = 1.947

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0494	.0629
.010		.0413
.020		.0450
.040		.0464
.041	.0185	
.113	.0135	
.163		.0477
.246		-.0205
.247	-.0242	
.390		-.0910
.429	.0000	
.547	-.0232	
.637		-.1182
.638	-.0678	
.727	-.0722	
.793	.0128	
.798		-.0583

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR37)

ALPHAO(3) = -2.158 BETAO (4) = 6.083

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.1072	.1476
.010		.1189
.020		.1186
.040		.1199
.041	.0501	
.113	.0490	
.183		.1068
.248		.0195
.247	.0202	
.390		-.0813
.429	.0000	
.547	.0108	
.637		-.1108
.638	-.0437	
.727	-.0534	
.793	-.0178	
.798		-.0714

ALPHAO(4) = -.138 BETAO (1) = -6.431

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0034	-.1115
.010		-.0988
.020		-.0908
.040		-.0867
.041	-.0416	
.113	-.0790	
.183		-.0416
.248		-.0504
.247	-.0888	
.390		-.0921
.429	.0000	
.547	-.0534	
.637		-.1298
.638	-.0938	
.727	-.1025	
.793	-.0393	
.798		-.0958

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR37)

ALPHAO(4) = -.135 BETAO (2) = -4.375

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0110	-.0865
.010		-.0865
.020		-.0797
.040		-.0764
.041	-.0249	
.113	-.0555	
.163		-.0347
.246		-.0505
.247	-.0875	
.390		-.0986
.429	.0000	
.547	-.0535	
.637		-.1319
.638	-.0942	
.727	-.1013	
.793	-.0061	
.798		-.0703

ALPHAO(4) = -.128 BETAO (3) = -.174

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0078	-.0009
.010		-.0124
.020		-.0080
.040		-.0063
.041	-.0124	
.113	-.0218	
.163		-.0090
.246		-.0659
.247	-.0598	
.390		-.1187
.429	.0000	
.547	-.0571	
.637		-.1379
.638	-.0904	
.727	-.0931	
.793	.0132	
.798		-.0878

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR37)

ALPHAO(4) = -.113 BETAO (4) = 4.000

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0605	.0984
.010		.0705
.020		.0742
.040		.0756
.041	.0006	
.113	.0016	
.163		.0531
.246		-.0340
.247	-.0188	
.390		-.1187
.429	.0000	
.547	-.0266	
.637		-.1356
.638	-.0771	
.727	-.0814	
.793	-.0552	
.798		-.0935

ALPHAO(4) = -.090 BETAO (5) = 6.081

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0878	.1237
.010		.0942
.020		.0989
.040		.1002
.041	.0183	
.113	.0142	
.163		.0844
.246		-.0130
.247	-.0018	
.390		-.1148
.429	.0000	
.547	-.0140	
.637		-.1349
.638	-.0640	
.727	-.0758	
.793	-.0478	
.798		-.1014

ARC97-019 !A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR37)

ALPHAO(5) = 1.916 BETAO (1) = -8.431

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0057	-.1251
.010		-.1092
.020		-.1008
.040		-.0984
.041	-.0630	
.113	-.0947	
.163		-.0721
.246		-.0745
.247	-.1139	
.390		-.1092
.429	.0000	
.547	-.0681	
.637		-.1418
.638	-.1062	
.727	-.1133	
.793	-.0391	
.798		-.0801

ALPHAO(5) = 1.916 BETAO (2) = -2.268

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0129	-.0584
.010		-.0648
.020		-.0591
.040		-.0550
.041	-.0351	
.113	-.0638	
.163		-.0530
.246		-.0944
.247	-.0897	
.390		-.1319
.429	.0000	
.547	-.0779	
.637		-.1497
.638	-.1093	
.727	-.1086	
.793	-.0108	
.798		-.1053

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR37)

ALPHAO(5) = 1.931 BETAO (3) = 1.934

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0109	.0258
.010		.0086
.020		.0126
.040		.0153
.041	-.0377	
.113	-.0360	
.163		-.0002
.246		-.0762
.247	-.0813	
.390		-.1492
.429	.0000	
.547	-.0644	
.637		-.1576
.638	-.1052	
.727	-.1086	
.793	-.0667	
.798		-.1068

ALPHAO(5) = 1.943 BETAO (4) = 6.085

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0711	.1049
.010		.0744
.020		.0788
.040		.0809
.041	-.0016	
.113	-.0145	
.163		.0700
.246		-.0218
.247	-.0158	
.390		-.1274
.429	.0000	
.547	-.0238	
.637		-.1514
.638	-.0787	
.727	-.0929	
.793	-.0780	
.798		-.1229

ARC97-019 IA21 EVAP(ALL HL SEALED) RT. WING TOP (RETR37)

ALPHAO(6) = 4.018 BETAO (1) = -6.417

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0217	-.1507
.010		-.1332
.020		-.1235
.040		-.1141
.041	-.0818	
.113	-.1121	
.163		-.0996
.246		-.0996
.247	-.1285	
.390		-.1292
.429	.0000	
.547	-.0805	
.637		-.1561
.638	-.1184	
.727	-.1242	
.793	-.0600	
.798		-.1037

ALPHAO(6) = 4.022 BETAO (2) = -4.381

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0017	-.1089
.010		-.1056
.020		-.0955
.040		-.0915
.041	-.0580	
.113	-.0972	
.163		-.0891
.246		-.1123
.247	-.1190	
.390		-.1418
.429	.0000	
.547	-.0885	
.637		-.1609
.638	-.1250	
.727	-.1247	
.793	-.0237	
.798		-.1108

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR37)

ALPHAO(6) = 4.025 BETAO (3) = -.188

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3640
X/CW		
.000	-.0231	-.0338
.010		-.0460
.020		-.0383
.040		-.0349
.041	-.0749	
.113	-.0745	
.163		-.0450
.248		-.1084
.247	-.0943	
.390		-.1738
.429	.0000	
.547	-.0933	
.637		-.1756
.638	-.1276	
.727	-.1289	
.793	-.0530	
.798		-.1245

ALPHAO(6) = 4.034 BETAO (4) = 3.991

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3640
X/CW		
.000	.0256	.0549
.010		.0270
.020		.0344
.040		.0374
.041	-.0457	
.113	-.0581	
.163		.0230
.248		-.0605
.247	-.0365	
.390		-.1530
.429	.0000	
.547	-.0524	
.637		-.1738
.638	-.1094	
.727	-.1158	
.793	-.1098	
.798		-.1484

ARC27-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR37)

ALPHAO(6) = 4.038 BETAO (5) = 6.084

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

X/CW	Y/BW .2350	.3640
.000	.0481	.0923
.010		.0812
.020		.0665
.040		.0685
.041	-.0235	
.113	-.0463	
.163		.0568
.246		-.0343
.247	-.0282	
.390		-.1374
.429	.0000	
.547	-.0245	
.637		-.1632
.638	-.0888	
.727	-.1036	
.793	-.1012	
.798		-.1386

ALPHAO(7) = 6.134 BETAO (1) = -4.334

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

X/CW	Y/BW .2350	.3640
.000	-.0173	-.1085
.010		-.1093
.020		-.0982
.040		-.0928
.041	-.0760	
.113	-.1160	
.163		-.0982
.246		-.1395
.247	-.1351	
.390		-.1673
.429	.0000	
.547	-.1002	
.637		-.1777
.638	-.1344	
.727	-.1354	
.793	-.0297	
.798		-.1338

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR37)

ALPHAO(7) = 6.130 BETAO (2) = -2.240

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3840
X/CM		
.000	-.0520	-.0738
.010		-.0845
.020		-.0755
.040		-.0705
.041	-.0916	
.113	-.1026	
.163		-.0745
.246		-.1318
.247	-.1221	
.390		-.1888
.429	.0000	
.547	-.1050	
.637		-.1865
.638	-.1375	
.727	-.1405	
.793	-.0570	
.798		-.1418

ALPHAO(7) = 6.130 BETAO (3) = -.154

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3840
X/CM		
.000	-.0310	-.0377
.010		-.0558
.020		-.0474
.040		-.0424
.041	-.0820	
.113	-.0974	
.163		-.0498
.246		-.1145
.247	-.1054	
.390		-.1902
.429	.0000	
.547	-.1007	
.637		-.1932
.638	-.1350	
.727	-.1409	
.793	-.1295	
.798		-.1553

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR37)

ALPHAO(7) = 8.134 BETAO (4) = 1.951

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

X/CW	Y/BW .2350	.3640
.000	-.0172	.0136
.010		-.0142
.020		-.0068
.040		-.0038
.041	-.0798	
.113	-.0949	
.163		-.0195
.248		-.0932
.247	-.0882	
.390		-.1788
.429	.0000	
.547	-.0781	
.637		-.1930
.638	-.1300	
.727	-.1384	
.793	-.1273	
.798		-.1631

ALPHAO(7) = 8.135 BETAO (5) = 3.998

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

X/CW	Y/BW .2350	.3640
.000	.0010	.0487
.010		.0165
.020		.0242
.040		.0269
.041	-.0884	
.113	-.0895	
.163		.0138
.248		-.0704
.247	-.0820	
.390		-.1647
.429	.0000	
.547	-.0560	
.537		-.1861
.638	-.1160	
.727	-.1274	
.793	-.1214	
.798		-.1811

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR38) (04 SEP 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.500 RN/FT = 2.500
ELV-IB = 8.000 ELV-OB = -4.000
RUDDER = .000 SPOBRK = .000

ALPHAO(1) = -0.000 BETAO (1) = -3.981

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0615	-.0025
.010		-.0018
.020		.0054
.040		.0098
.041	.0544	
.113	.0261	
.163		.0748
.246		.0365
.247	.0075	
.390		-.0358
.429	.0000	
.547	.0057	
.637		-.0730
.638	-.0336	
.727	-.0394	
.793	-.0039	
.798		.0031

ALPHAO(1) = -6.280 BETAO (2) = -1.881

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0590	.0338
.010		.0297
.020		.0365
.040		.0415
.041	.0511	
.113	.0540	
.163		.0832
.246		.0454
.247	.0201	
.390		-.0359
.429	.0000	
.547	.0058	
.637		-.0741

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR38)

ALPHAO(1) = -8.280 BETAO (2) = -1.881

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.538	-.0309	
.727	-.0348	
.793	.0023	
.798		-.0078

ALPHAO(1) = -8.268 BETAO (3) = .215

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0921	.0606
.010		.0510
.020		.0617
.040		.0664
.041	.0674	
.113	.0792	
.163		.1092
.246		.0525
.247	.0403	
.390		-.0324
.429	.0000	
.547	.0132	
.637		-.0713
.638	-.0267	
.727	-.0303	
.793	.0118	
.798		-.0087

ALPHAO(1) = -8.259 BETAO (4) = 2.322

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.1285	.0293
.010		.0343
.020		.0504
.040		.0578
.041	.0971	
.113	.0914	
.163		.1308
.246		.0648

ARC97-019 IAB1 LVAP(ALLHL SEALED) RT. WING TOP (RETR38)

ALPHAO(1) = -6.259 BETAO (4) = 2.322

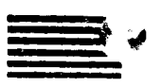
SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.247	.0589	
.390		-.0270
.429	.0000	
.547	.0154	
.637		-.0691
.638	-.0181	
.727	-.0206	
.793	.0257	
.798		-.0048

ALPHAC(1) = -6.250 BETAO (5) = 4.389

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.1670	-.0053
.010		.0514
.020		.0650
.040		.0714
.041	.1270	
.113	.1089	
.163		.1459
.246		.0746
.247	.0810	
.390		-.0259
.429	.0000	
.547	.0186	
.637		-.0702
.638	-.0170	
.727	-.0177	
.793	.0247	
.798		-.0138



ARC97-019 !AB1 LVAP(ALLHL SEALED) RT. WING TOP (RETR38)

ALPHAO(2) = -4.232 BETAO (1) = -6.049

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0777	-.0432
.010		-.0378
.020		-.0289
.040		-.0261
.041	.0253	
.113	-.0097	
.163		.0046
.246		-.0065
.247	-.0298	
.390		-.0549
.429	.0000	
.547	-.0186	
.637		-.0874
.638	-.0535	
.727	-.0603	
.793	-.0314	
.798		-.0137

ALPHAO(2) = -4.224 BETAO (2) = -3.999

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0515	-.0133
.010		-.0150
.020		-.0083
.040		-.0047
.041	.0323	
.113	.0095	
.163		.0330
.246		.0049
.247	-.0083	
.390		-.0602
.429	.0000	
.547	-.0232	
.637		-.0876
.638	-.0563	
.727	-.0567	
.793	-.0140	
.798		-.0208

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR38)

ALPHAO(2) = -4.198 BETAO (3) = .210

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0819	.0369
.010		.0217
.020		.0316
.040		.0376
.041	.0525	
.113	.0593	
.163		.0745
.246		.0199
.247	.0217	
.390		-.0580
.429	.0000	
.547	-.0169	
.637		-.0909
.638	-.0481	
.727	-.0513	
.793	-.0059	
.798		-.0313

ALPHAO(2) = -4.182 BETAO (4) = 4.387

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.1492	-.0089
.010		.0347
.020		.0492
.040		.0552
.041	.1024	
.113	.0801	
.163		.1187
.246		.0428
.247	.0591	
.390		-.0518
.429	.0000	
.547	-.0082	
.637		-.0891
.638	-.0394	
.727	-.0408	
.793	-.0047	
.798		-.0388

ARC97-C:9 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR38)

ALPHAO(2) = -4.175 BETAO (5) = 6.419

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.1891	.0272
.010		.0744
.020		.0865
.040		.0936
.041	.1234	
.113	.0972	
.163		.1430
.246		.0617
.247	.0812	
.390		-.0424
.429	.0000	
.547	.0141	
.637		-.0884
.638	-.0250	
.727	-.0324	
.793	-.0001	
.798		-.0420

ALPHAO(3) = -2.171 BETAO (1) = -8.052

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0592	-.0507
.010		-.0465
.020		-.0408
.040		-.0387
.041	.0078	
.113	-.0248	
.163		-.0241
.246		-.0344
.247	-.0408	
.390		-.0748
.429	.0000	
.547	-.0397	
.637		-.0979
.638	-.0695	
.727	-.0734	
.793	-.0348	
.798		-.0354

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR38)

ALPHAO(3) = -2.158 BETAO (2) = -1.900

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

X/CW	Y/BW .2350	.3840
.000	.0325	-.0192
.010		-.0231
.020		-.0153
.040		-.0107
.041	.0205	
.113	.0155	
.183		.0201
.246		-.0221
.247	-.0136	
.390		-.0869
.429	.0000	
.547	-.0504	
.637		-.1114
.638	-.0745	
.727	-.0738	
.793	-.0015	
.798		-.0463

ALPHAO(3) = -2.141 EZTAO (3) = 2.289

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

X/CW	Y/BW .2350	.3840
.000	.0999	-.0353
.010		-.0065
.020		.0048
.040		.0095
.041	.0485	
.113	.0316	
.183		.0700
.246		-.0004
.247	.0131	
.390		-.0858
.429	.0000	
.547	-.0417	
.637		-.1118
.638	-.0676	
.727	-.0694	
.793	-.0257	
.798		-.0567

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR38)

ALPHAO(3) = -2.131 BETAO (4) = 6.395

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.1730	.0304
.010		.0649
.020		.0763
.040		.0830
.041	.0951	
.113	.0656	
.163		.1211
.246		.0450
.247	.0581	
.390		-.0670
.429	.0000	
.547	-.0080	
.637		-.1054
.638	-.0435	
.727	-.0496	
.793	-.0251	
.798		-.0667

ALPHAO(4) = -.107 BETAO (1) = -8.062

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0422	-.0679
.010		-.0601
.020		-.0551
.040		-.0537
.041	-.0167	
.113	-.0402	
.163		-.0501
.246		-.0640
.247	-.0558	
.390		-.0927
.429	.0000	
.547	-.0601	
.637		-.1123
.638	-.0867	
.727	-.0881	
.793	-.0544	
.798		-.0571

ARC97-019 IAB; LVAP(ALLHL SEALED) RT. WING TOP (RETR38)

ALPHAO(4) = -.104 BETAO (2) = -4.014

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0279	-.0453
.010		-.0464
.020		-.0389
.040		-.0354
.041	-.0034	
.113	-.0240	
.163		-.0251
.246		-.0599
.247	-.0428	
.390		-.1065
.429	.0000	
.547	-.0663	
.637		-.1189
.638	-.0912	
.727	-.0905	
.793	-.0272	
.798		-.0629

ALPHAO(4) = -.095 BETAO (3) = .177

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0692	.0113
.010		-.0029
.020		.0035
.040		.0067
.041	.0113	
.113	.0057	
.163		.0277
.246		-.0373
.247	-.0189	
.390		-.1130
.429	.0000	
.547	-.0643	
.637		-.1290
.638	-.0885	
.727	-.0892	
.793	-.0224	
.798		-.0738

ARC97-019 1A81 EVAP(ALLHL SEALED) RT. WING TOP (RETR38)

ALPHAO(4) = -.081 BETAO (4) = 4.323

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.1256	-.0054
.010		.0206
.020		.0291
.040		.0341
.041	.0462	
.113	.0206	
.163		.0729
.246		-.0037
.247	.0102	
.390		-.1013
.429	.0000	
.547	-.0493	
.637		-.1294
.638	-.0767	
.727	-.0785	
.793	-.0535	
.798		-.0867

ALPHAO(4) = -.076 BETAO (5) = 8.389

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.1593	.0343
.010		.0567
.020		.0674
.040		.0717
.041	.0674	
.113	.0322	
.163		.1141
.246		.0201
.247	.0343	
.390		-.0871
.429	.0000	
.547	-.0162	
.637		-.1223
.638	-.0568	
.727	-.0654	
.793	-.0454	
.798		-.0857

ARC97-018 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR38)

ALPHAO(5) = 1.937 BETAO (1) = -6.052

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3840
X/CW		
.000	.0355	-.0869
.010		-.0751
.020		-.0691
.040		-.0673
.041	-.0325	
.113	-.0556	
.163		-.0677
.246		-.0876
.247	-.0705	
.390		-.1111
.429	.0000	
.547	-.0758	
.637		-.1250
.638	-.1018	
.727	-.1015	
.793	-.0730	
.798		-.0749

ALPHAO(5) = 1.942 BETAO (2) = -1.906

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3640
X/CW		
.000	.0217	-.0192
.010		-.0274
.020		-.0810
.040		-.0178
.041	-.0142	
.113	-.0200	
.163		-.0160
.246		-.0705
.247	-.0509	
.390		-.1388
.429	.0000	
.547	-.0833	
.637		-.1390
.638	-.1032	
.727	-.0982	
.793	-.0025	
.798		-.0820

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR38)

ALPHAO(5) = 1.053 BETAO (3) = 2.279

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3640
X/CH		
.000	.0735	.0478
.010		.0280
.020		.0337
.040		.0366
.041	.0035	
.113	-.0175	
.163		.0394
.246		-.0381
.247	-.0289	
.390		-.1278
.429	.0000	
.547	-.0605	
.637		-.1470
.638	-.0918	
.727	-.0961	
.793	-.0844	
.798		-.1035

ALPHAO(5) = 1.888 BETAO (4) = 6.390

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3640
X/CH		
.000	.1372	.0854
.010		.0804
.020		.0882
.040		.0925
.041	.0495	
.113	.0087	
.163		.1021
.246		.0052
.247	.0133	
.390		-.0974
.429	.0000	
.547	-.0101	
.637		-.1287
.638	-.0812	
.727	-.0751	
.793	-.0616	
.798		-.0988

ARC87-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR39)

ALPHAO(6) = 3.403 BETAO (1) = -6.044

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0230	-.1018
.010		-.0890
.020		-.0823
.040		-.0773
.041	-.0503	
.113	-.0759	
.163		-.0819
.248		-.1083
.247	-.0882	
.380		-.1200
.429	.0000	
.547	-.0851	
.637		-.1392
.638	-.1118	
.727	-.1104	
.793	-.0887	
.798		-.0892

ALPHAO(6) = 3.401 BETAO (2) = -4.060

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0032	-.0842
.010		-.0835
.020		-.0571
.040		-.0532
.041	-.0276	
.113	-.0613	
.163		-.0514
.248		-.0868
.247	-.0734	
.380		-.1483
.429	.0000	
.547	-.0801	
.637		-.1481
.638	-.1135	
.727	-.1098	
.793	-.0294	
.798		-.0847

ARC97-019 IAB1 LVAP(ALLHL SEALED) RT. WING TOP (RE=H38)

ALPHAO(6) = 3.409 BETAO (3) = .180

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0385	.0147
.010		-.0049
.020		.0026
.040		.0058
.041	-.0284	
.113	-.0501	
.163		-.0067
.246		-.0738
.247	-.0815	
.390		-.1468
.429	.0000	
.547	-.0764	
.637		-.1597
.638	-.1099	
.727	-.1124	
.793	-.0743	
.798		-.1053

ALPHAO(6) = 3.415 BETAO (4) = 3.721

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0641	.0664
.010		.0429
.020		.0515
.040		.0550
.041	.0052	
.113	-.0287	
.163		.0475
.246		-.0347
.247	-.0294	
.390		-.1227
.429	.0000	
.547	-.0425	
.637		-.1494
.638	-.0863	
.727	-.0960	
.793	-.0892	
.798		-.1123

ARC97-019 TA81 LVAP(ALLHL SEALFD) RT. WING TOP (RETR38)

ALPHAO(6) = 3.418 BETAO (5) = 5.394

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0941	.0991
.010		.0724
.020		.0817
.040		.0859
.041	.0236	
.113	-.0152	
.163		.0802
.246		-.0088
.247	-.0070	
.390		-.1049
.429	.0000	
.547	-.0091	
.637		-.1337
.638	-.0650	
.727	-.0814	
.793	-.0736	
.798		-.1037

ALPHAO(7) = 6.122 BETAO (1) = -4.040

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0010	-.0655
.010		-.0691
.020		-.0606
.040		-.0567
.041	-.0478	
.113	-.0782	
.163		-.0567
.246		-.1052
.247	-.0896	
.390		-.1643
.429	.0000	
.547	-.0981	
.637		-.1626
.638	-.1208	
.727	-.1197	
.793	-.0288	
.798		-.1073

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR38)

ALPHAO(7) = 6.26 BETAO (2) = -1.890

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0035	-.0437
.010		-.0533
.020		-.0444
.040		-.0394
.041	-.0650	
.113	-.0721	
.163		-.0426
.246		-.0963
.247	-.0867	
.390		-.1652
.429	.0000	
.547	-.0980	
.637		-.1798
.638	-.1243	
.727	-.1261	
.793	-.0451	
.798		-.1190

ALPHAO(7) = 6.130 BETAO (3) = .192

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0298	-.0161
.010		-.0268
.020		-.0161
.040		-.0119
.041	-.0499	
.113	-.0741	
.163		-.0215
.246		-.0823
.247	-.0812	
.390		-.1558
.429	.0000	
.547	-.0830	
.637		-.1748
.638	-.1193	
.727	-.1243	
.793	-.1122	
.798		-.1245

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR38)

ALPHAO(7) = 8.133 BETAO (4) = 2.291

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0432	.0258
.010		.0062
.020		.0137
.040		.0180
.041	-.0414	
.113	-.0692	
.163		.0027
.246		-.0663
.247	-.0663	
.390		-.1456
.429	.0000	
.547	-.0628	
.637		-.1659
.638	-.1082	
.727	-.1143	
.793	-.1062	
.798		-.1263

ALPHAO(7) = 6.136 BETAO (5) = 3.707

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0589	.0685
.010		.0358
.020		.0426
.040		.0447
.041	-.0207	
.113	-.0580	
.163		.0305
.246		-.0467
.247	-.0474	
.390		-.1321
.429	.0000	
.547	-.0460	
.637		-.1548
.638	-.0926	
.727	-.1008	
.793	-.0937	
.798		-.1183

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR39) (04 SEP 75)

REFERENCE DATA

SREF =	2890.0000 SQ.FT.	XMRP =	978.0000 IN. XT		
LREF =	1297.0000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1297.0000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

MACH =	1.550	RN/FT =	2.500
ELV-IB =	.000	ELV-OB =	.000
RUDDER =	.000	SPDBRK =	.000

ALPHAO(1) = -6.293 BETAO (1) = .408

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1368	-.0078
.010		.0190
.020		.0398
.040		.0516
.041	-.0883	
.113	-.1184	
.163		.1667
.246		.0701
.247	-.0682	
.390		-.0335
.429	.0000	
.547	.0275	
.637		-.0910
.638	-.0718	
.727	-.0672	
.793	.2178	
.798		.0806

ALPHAO(2) = -4.229 BETAO (1) = -3.808

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1723	-.0333
.010		-.0127
.020		.0000
.040		.0082
.041	-.1380	
.113	-.1908	
.163		.0906
.246		.0213
.247	-.1425	
.390		-.0728
.429	.0000	
.547	-.0168	
.637		-.0811

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR39)

ALPHAO(2) = -4.228 BETAO (1) = -3.806

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.638	-.1115	
.727	-.0847	
.793	.1872	
.798		.0787

ALPHAO(2) = -4.210 BETAO (2) = .382

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1373	-.0075
.010		.0124
.020		.0278
.040		.0380
.041	-.1203	
.113	-.1455	
.163		.1389
.246		.0383
.247	-.0853	
.390		-.0703
.429	.0000	
.547	.0092	
.637		-.1478
.638	-.0951	
.727	-.1010	
.793	.1640	
.798		.0508

ALPHAO(2) = -4.235 BETAO (3) = 3.933

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0853	.0365
.010		.0443
.020		.0570
.040		.0674
.041	-.0529	
.113	-.0640	
.163		.1525
.248		.0430

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR39)

ALPHAO(2) = -4.235 BETAO (3) = 3.933

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.247	-.0210	
.390		-.0711
.429	.0000	
.547	.0264	
.637		-.1622
.638	-.0731	
.727	-.0958	
.793	.0411	
.798		.0722

ALPHAO(3) = -.028 BETAO (1) = -5.881

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1140	-.1782
.010		-.1419
.020		-.0897
.040		-.0699
.041	-.1750	
.113	-.2476	
.163		.0936
.246		.0446
.247	-.2074	
.390		-.0443
.429	.0000	
.547	.0612	
.637		-.0563
.638	-.0345	
.727	-.0391	
.793	.1616	
.798		.0602

ARC97-01% IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR39)

ALPHAO(3) = -.024 BETAO (2) = -3.844

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.1300	-.1310
.010		-.0699
.020		-.0471
.040		-.0390
.041	-.1550	
.113	-.2320	
.163		.0458
.246		-.0260
.247	-.1775	
.390		-.1268
.429	.0000	
.547	-.0413	
.637		-.1245
.638	-.1401	
.727	-.1248	
.793	.1451	
.798		.0785

ALPHAO(3) = -.022 BETAO (3) = .347

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1659	-.0781
.010		-.0742
.020		-.0379
.040		-.0130
.041	-.1455	
.113	-.1549	
.163		.0822
.246		-.0221
.247	-.1319	
.390		-.1419
.429	.0000	
.547	-.0289	
.637		-.2219
.638	-.1403	
.727	-.1484	
.793	.0087	
.798		-.0018

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR39)

ALPHAO(3) = .001 BETAO (4) = 3.898

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0794	.0181
.010		-.0010
.020		.0204
.040		.0269
.041	-.0823	
.113	-.0713	
.163		.0839
.246		-.0214
.247	-.0618	
.390		-.1400
.429	.0000	
.547	-.0126	
.637		-.2132
.638	-.1231	
.727	-.1332	
.793	-.1247	
.798		-.0321

ALPHAO(3) = .014 BETAO (5) = 6.597

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0520	.0567
.010		.0431
.020		.0509
.040		.0570
.041	-.0368	
.113	-.0151	
.163		.0971
.246		-.0213
.247	-.0057	
.390		-.1406
.429	.0000	
.547	-.0067	
.637		-.2092
.638	-.1147	
.727	-.1303	
.793	-.1319	
.798		-.0362

ARCS7-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR39)

ALPHAO(4) = 3.553 BETAO (1) = -3.877

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0757	-.2589
.010		-.2074
.020		-.1679
.040		-.1482
.041	-.1395	
.113	-.2307	
.163		-.0061
.246		-.0668
.247	-.1822	
.390		-.1734
.429	.0000	
.547	-.0501	
.637		-.1877
.638	-.1634	
.727	-.1770	
.793	.0954	
.798		.0092

ALPHAO(4) = 3.564 BETAO (2) = .381

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1387	-.0701
.010		-.0908
.020		-.0763
.040		-.0688
.041	-.1148	
.113	-.1743	
.163		-.0142
.246		-.0740
.247	-.1410	
.390		-.1983
.429	.0000	
.547	-.0548	
.637		-.2045
.638	-.1738	
.727	-.1879	
.793	-.1639	
.796		-.1100

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR39)

ALPHAO(4) = 3.675 BETAO (3) = 3.908

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0306	.0027
.010		-.0345
.020		-.0277
.040		-.0206
.041	-.0355	
.113	-.1063	
.183		-.0087
.246		-.1024
.247	-.0824	
.390		-.2058
.429	.0000	
.547	-.0533	
.637		-.2631
.638	-.1667	
.727	-.1816	
.793	-.1797	
.798		-.1442

ALPHAO(5) = 6.255 BETAO (1) = .393

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1562	-.0971
.010		-.1165
.020		-.0946
.040		-.0839
.041	-.1468	
.113	-.1778	
.183		-.0842
.246		-.0978
.247	-.1178	
.390		-.2187
.429	.0000	
.547	-.0684	
.637		-.2854
.638	-.1877	
.727	-.2058	
.793	-.1958	
.798		- 1597

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRAN) (04 SEP 75)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.000 RN/FT = 2.500
ELV-IB = .000 ELV-OB = .000
RUDDER = .000 SPOILER = .000

ALPHAO(1) = -8.299 BETAO (1) = .072

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3640
X/CM		
.000	.0087	-.0084
.010		.0008
.020		.0127
.040		.0216
.041	.0522	
.113	.0134	
.163		.1263
.246		.0720
.247	-.0351	
.390		-.0199
.429	.0000	
.547	.0371	
.637		-.0864
.638	-.0301	
.727	-.0400	
.793	.1207	
.798		.0293

ALPHAO(2) = -4.312 BETAO (1) = -4.221

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3640
X/CM		
.000	.0095	-.0772
.010		-.0670
.020		-.0508
.040		-.0405
.041	.0138	
.113	-.0475	
.163		.0681
.248		.0297
.247	-.0825	
.390		-.0445
.429	.0000	
.547	.0035	
.637		-.1077

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRAD)

ALPHAO(2) = -4.312 BETAO (1) = -4.221

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.638	-.0580	
.727	-.0703	
.793	.0796	
.798		.0181

ALPHAO(2) = -4.288 BETAO (2) = .038

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0092	-.0118
.010		-.0112
.020		-.0029
.040		.0037
.041	.0275	
.113	-.0049	
.163		.0775
.246		.0331
.247	-.0572	
.390		-.0509
.429	.0000	
.547	.0116	
.637		-.1078
.638	-.0539	
.727	-.0635	
.733	.0775	
.798		-.0027

ALPHAO(2) = -4.260 BETAO (3) = 3.604

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0554	.0693
.010		.0617
.020		.0680
.040		.0723
.041	.0800	
.113	.0405	
.163		.1053
.246		.0362

ARC97-019 IAB1 LVAP(ALLML SEALED) RT. WING TOP (RETRN40)

ALPHAO(2) = -4.260 BETAO (3) = 3.604

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.247	-.0077	
.390		-.0543
.429	.0000	
.547	.0240	
.637		-.1058
.638	-.0434	
.727	-.0940	
.793	.0181	
.798		-.0017

ALPHAO(3) = -.077 BETAO (1) = -8.251

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0106	-.1196
.010		-.1054
.020		-.0981
.040		-.0892
	-.0495	
	-.1004	
		-.0088
.246		-.0337
.247	-.1302	
.390		-.0899
.429	.0000	
.547	-.0453	
.637		-.1318
.638	-.0935	
.727	-.0998	
.793	.0245	
.798		-.0328

ARL97-019 TAB1 EVAP(ALUM. SEALED) RT. WING TOP (RETRN01)

ALPHA0(3) = -.079 BETA0 (2) = -4.195

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0026	-.1104
.010		-.1058
.020		-.0952
.040		-.0903
.041	-.0347	
.113	-.0823	
.163		-.0056
.246		-.0291
.247	-.1177	
.390		-.0936
.429	.0060	
.547	-.0433	
.637		-.1379
.638	-.0926	
.727	-.0995	
.793	.0268	
.798		-.0444

ALPHA0(3) = -.072 BETA0 (3) = .017

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0298	-.0319
.010		-.0395
.020		-.0348
.040		-.0305
.041	-.0269	
.113	-.0478	
.163		-.0044
.246		-.0441
.247	-.0897	
.390		-.1066
.429	.0000	
.547	-.0378	
.637		-.1486
.638	-.0924	
.727	-.0960	
.793	.0248	
.798		-.0640

ARC97-019 IA81 LVAP(ALL-HL SEALED; RT. WING TOP (RETR40)

ALPHAO(3) = -.054 BETAO (4) = 3.568

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0231	.0638
.010		.0418
.020		.0448
.040		.0468
.041	-.0110	
.113	-.0091	
.163		.0370
.246		-.0395
.247	-.0418	
.390		-.1250
.429	.0000	
.547	-.0273	
.637		-.1534
.638	-.0925	
.727	-.0968	
.793	-.0760	
.798		-.0781

ALPHAO(3) = -.044 BETAO (5) = 6.274

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0539	.1137
.010		.0866
.020		.0889
.040		.0912
.041	.0080	
.113	.0053	
.163		.0787
.246		-.0115
.247	-.0089	
.390		-.1143
.429	.0000	
.547	-.0033	
.637		-.1483
.638	-.0740	
.727	-.0806	
.793	-.0624	
.798		-.0998

ARC87-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR40)

ALPHAO(4) = 3.465 BETAO (1) = -4.189

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0215	-.1182
.010		-.1165
.020		-.1026
.040		-.0990
.041	-.0771	
.113	-.1182	
.163		-.0817
.246		-.0824
.247	-.1397	
.390		-.1387
.429	.0000	
.547	-.0728	
.637		-.1715
.638	-.1215	
.727	-.1235	
.793	-.0082	
.798		-.0984

ALPHAO(4) = 3.478 BETAO (2) = .022

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0574	-.0372
.010		-.0561
.020		-.0484
.040		-.0458
.041	-.1008	
.113	-.0965	
.163		-.0508
.246		-.1124
.247	-.0912	
.390		-.1677
.429	.0000	
.547	-.0818	
.637		-.1885
.638	-.1332	
.727	-.1369	
.793	-.1177	
.798		-.1162

ARC97-019 IAB1 LVAP(ALLHL SEALED) RT. WING TOP (RETR40)

ALPHAO(4) = 3.487 BETAO (3) = 3.575

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0015	.0544
.010		.0280
.020		.0339
.040		.0368
.041	-.0649	
.113	-.0616	
.163		.0184
.246		-.0702
.247	-.0276	
.390		-.1677
.429	.0000	
.547	-.0543	
.637		-.1945
.638	-.1281	
.727	-.1317	
.793	-.1257	
.798		-.1577

ALPHAO(5) = 6.162 BETAO (1) = .040

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0706	-.0352
.010		-.0583
.020		-.0497
.040		-.0461
.041	-.1225	
.113	-.1159	
.163		-.0517
.246		-.1245
.247	-.0908	
.390		-.1933
.429	.0000	
.547	-.0931	
.637		-.2039
.638	-.1427	
.727	-.1497	
.793	-.1387	
.798		-.1597

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRY1) (04 SEP 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.200 RN/FT = 2.500
ELV-IB = .000 ELV-OB = .000
RUDDER = .000 SPDBRK = .000

ALPHAO(1) = -6.332 BETAO (1) = -.112

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0426	.0286
.010		.0317
.020		.0382
.040		.0433
.041	.0652	
.113	.0489	
.163		.1007
.246		.0542
.247	-.0025	
.390		-.0308
.429	.0000	
.547	.0228	
.637		-.0778
.638	-.0277	
.727	-.0332	
.783	.1085	
.798		.0137

ALPHAO(2) = -4.327 BETAO (1) = -4.351

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0278	-.0594
.010		-.0549
.020		-.0468
.040		-.0408
.041	.0252	
.113	-.0198	
.163		.0399
.246		.0147
.247	-.0549	
.390		-.0519
.429	.0000	
.547	-.0072	
.637		-.1010

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRY1)

ALPHAO(2) = -4.327 BETAO (1) = -4.351

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.638	-.0590	
.727	-.0698	
.793	.0290	
.798		.0088

ALPHAO(2) = -4.308 BETAO (2) = -.140

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0292	.0238
.010		.0156
.020		.0207
.040		.0248
.041	.0442	
.113	.0292	
.163		.0582
.246		.0119
.247	-.0219	
.390		-.0611
.429	.0000	
.547	-.0048	
.637		-.0979
.638	-.0498	
.727	-.0549	
.793	.0640	
.798		-.0165

ALPHAO(2) = -4.281 BETAO (3) = 3.415

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0870	.1047
.010		.0921
.020		.0952
.040		.0972
.041	.0818	
.113	.0558	
.163		.1058
.248		.0328

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRY1)

ALPHAO(2) = -4.281 BETAO (3) = 3.415

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.247	.0188	
.390		-.0580
.429	.0000	
.547	.0188	
.637		-.0955
.638	-.0355	
.727	-.0423	
.793	.0051	
.798		-.0142

ALPHAO(3) = -.145 BETAO (1) = -6.442

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0076	-.1069
.010		-.0960
.020		-.0861
.040		-.0828
.041	-.0372	
.113	-.0743	
.183		-.0393
.248		-.0484
.247	-.0957	
.390		-.0885
.429	.0000	
.547	-.0495	
.637		-.1255
.638	-.0899	
.727	-.0984	
.793	-.0376	
.798		-.0338

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR41)

ALPHAO(3) = -.137 BETAO (2) = -4.372

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0121	-.0829
.010		-.0816
.020		-.0758
.040		-.0730
.041	-.0240	
.113	-.0540	
.183		-.0332
.2[illegible]		-.0492
.247	-.0880	
.390		-.0979
.429	.0000	
.547	-.0528	
.637		-.1302
.638	-.0935	
.727	-.0999	
.733	-.0053	
.798		-.0524

ALPHAO(3) = -.130 BETAO (3) = -.178

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0118	.0037
.010		-.0082
.020		-.0059
.040		-.0042
.041	-.0098	
.113	-.0181	
.183		-.0059
.246		-.0630
.247	-.0578	
.390		-.1171
.429	.0000	
.547	-.0555	
.637		-.1369
.638	-.0992	
.727	-.0906	
.793	.0156	
.798		-.0709

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETRY1)

ALPHAO(3) = -.117 BETAO (4) = 3.384

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3540
X/CW		
.000	.0620	.0995
.010		.0719
.020		.0743
.040		.0783
.041	.0000	
.113	.0017	
.163		.0542
.246		-.0341
.247	-.0167	
.390		-.1175
.429	.0000	
.547	-.0269	
.637		-.1383
.638	-.0777	
.727	-.0818	
.793	-.0549	
.798		-.0796

ALPHAO(3) = -.112 BETAO (5) = 6.096

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0922	.1263
.010		.0959
.020		.1017
.040		.1038
.041	.0209	
.113	.0172	
.133		.0867
.245		-.0097
.247	.0025	
.390		-.1120
.429	.0000	
.547	-.0118	
.637		-.1328
.638	-.0822	
.727	-.0728	
.793	-.0452	
.798		-.0918

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETRN1)

ALPHAO(4) = 7.395 BETAO (1) = -4.359

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3940
X/CW		
.000	.0075	-.1060
.010		-.1012
.020		-.0924
.040		-.0883
.041	-.0535	
.113	-.0927	
.183		-.0852
.246		-.1060
.247	-.1145	
.390		-.1377
.429	.0008	
.547	-.0845	
.637		-.1571
.638	-.1206	
.727	-.1200	
.793	-.0218	
.798		-.0969

ALPHAO(4) = 3.403 BETAO (2) = -.170

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3940
X/CW		
.000	-.0172	-.0281
.010		-.0390
.020		-.0328
.040		-.0294
.041	-.0679	
.113	-.0686	
.183		-.0403
.246		-.1037
.247	-.0890	
.390		-.1691
.429	.0000	
.547	-.0880	
.837		-.1711
.638	-.1241	
.727	-.1241	
.793	-.0509	
.798		-.1132

ARC97-019 IAB1 LVAP(ALLHL SEALED) RT. WING TOP (RETR41)

ALPHAO(4) = 3.411 BETAO (3) = 3.387

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0315	.0594
.010		.0339
.020		.0397
.040		.0421
.041	-.0410	
.113	-.0538	
.163		.0294
.246		-.0553
.247	-.0499	
.390		-.1487
.429	.0000	
.547	-.0461	
.637		-.1687
.638	-.1051	
.727	-.1109	
.793	-.1054	
.798		-.1386

ALPHAO(5) = 6.079 BETAO (1) = -.145

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0248	-.0331
.010		-.0498
.020		-.0426
.040		-.0385
.041	-.0865	
.113	-.0916	
.163		-.0460
.246		-.1103
.247	-.1004	
.390		-.1848
.429	.0000	
.547	-.0960	
.637		-.1886
.638	-.1317	
.727	-.1362	
.793	-.1249	
.798		-.1416

ARC97-019 IABI LVAP(ALLHL SEALED) RT. WING TOP (RETR42) (04 SEP 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.500 RN/FT = 2.500
ELV-IB = .000 ELV-OB = .000
RUDDER = .000 SPDBRK = .000

ALPHAO(1) = -6.275 BETAO (1) = .222

SECTION (1)RIC T WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0958	.0703
.010		.0527
.020		.0629
.040		.0677
.041	.0713	
.113	.0801	
.163		.1123
.246		.0549
.247	.0450	
.390		-.0296
.429	.0000	
.547	.0158	
.637		-.0687
.638	-.0241	
.727	-.0260	
.793	.0165	
.798		.0143

ALPHAO(2) = -4.238 BETAO (1) = -3.998

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0578	-.0082
.010		-.0103
.020		-.0030
.040		.0007
.041	.0384	
.113	.0138	
.163		.0381
.246		.0098
.247	-.0059	
.390		-.0551
.429	.0600	
.547	-.0190	
.637		-.0839

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRN2)

ALPHAO(2) = -4.238 BETAO (1) = -3.999

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.638	-.0518	
.727	-.0518	
.793	-.0117	
.798		.0000

ALPHAO(2) = -4.215 BETAO (2) = .197

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0982	.0414
.010		.0248
.020		.0341
.040		.0398
.041	.0556	
.113	.0622	
.163		.0792
.246		.0243
.247	.0264	
.390		-.0537
.429	.0000	
.547	-.0133	
.637		-.0876
.638	-.0435	
.727	-.0465	
.793	-.0005	
.798		-.0115

ALPHAO(2) = -4.201 BETAO (3) = 3.750

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.1534	-.0044
.010		.0596
.020		.0534
.040		.0607
.041	.1072	
.113	.0839	
.163		.1221
.246		.0472

ARC97-019 (AB) LVAP(ALLHL SEALED) RT. WING TOP (RETRN2)

ALPHAO(2) = -4.201 BETAO (3) = 3.750

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3840
X/CM		
.247	.0847	
.380		-.0477
.429	.0000	
.547	-.0037	
.637		-.0858
.638	-.0348	
.727	-.0371	
.793	-.0004	
.798		-.0158

ALPHAO(3) = -.088 BETAO (1) = -6.077

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3840
X/CM		
.000	.0456	-.6545
.010		-.0572
.020		-.0525
.040		-.0503
.041	-.0140	
.113	-.0365	
.183		-.0471
.246		-.0601
.247	-.0532	
.390		-.0881
.429	.0000	
.547	-.0558	
.637		-.1074
.638	-.0827	
.727	-.0838	
.793	-.0532	
.798		-.0398

ARC57-019 TAB1 LVAP(ALL HL SEALED) RT. WING TOP (RE:R42)

ALPHAO(3) = -.087 BETAO (2) = -4.025

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3840
X/CM		
.000	.0308	-.0418
.010		-.0430
.020		-.0381
.040		-.0317
.041	.0003	
.113	-.0215	
.163		-.0219
.246		-.0564
.247	-.0404	
.390		-.1037
.429	.0000	
.547	-.0637	
.637	.1153	
.638	-.0981	
.727	-.0866	
.793	-.0255	
.798		-.0482

ALPHAO(3) = -.082 BETAO (3) = .174

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2353	.3840
X/CM		
.000	.0746	.0159
.010		.0016
.020		.0074
.040		.0111
.041	.0165	
.113	.0089	
.163		.0325
.246		-.0325
.247	-.0136	
.390		-.1083
.429	.0000	
.547	-.0601	
.637		-.1243
.638	-.0844	
.727	-.0844	
.793	-.0201	
.798		-.0586

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR42)

ALPHAO(3) = -.071 BETAO (4) = 3.720

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.1317	.0018
.010		.0275
.020		.0386
.040		.0417
.041	.0540	
.113	.0284	
.163		.0802
.246		.0038
.247	.0181	
.390		-.0933
.429	.0000	
.547	-.0414	
.637		-.1217
.638	-.0694	
.727	-.0712	
.793	-.0483	
.798		-.0732

ALPHAO(3) = -.067 BETAO (5) = 8.427

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.1849	.0445
.010		.0640
.020		.0749
.040		.0815
.041	.0735	
.113	.0394	
.163		.1810
.246		.0274
.247	.0412	
.390		-.0800
.429	.0000	
.547	-.0096	
.637		-.1141
.638	-.0491	
.727	-.0560	
.793	-.0379	
.798		-.0724

ARC97-019 1AB1 LVAP(ALLHL SEALED) RT. WING TOP (RETR42)

ALPHAO(4) = 3.400 BETAO (1) = -4.002

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0109	-.0584
.010		-.0561
.020		-.0499
.040		-.0467
.041	-.0210	
.113	-.0543	
.163		-.0452
.246		-.0890
.247	-.0662	
.390		-.1415
.429	.0000	
.547	-.0836	
.637		-.1382
.638	-.1064	
.727	-.1028	
.793	-.0239	
.798		-.0809

ALPHAO(4) = 3.413 BETAO (2) = .178

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0495	.0215
.010		.0030
.020		.0092
.040		.0124
.041	-.0210	
.113	-.0420	
.163		.0004
.248		-.0660
.247	-.0544	
.390		-.1386
.429	.0000	
.547	-.0693	
.637		-.1524
.638	-.1027	
.727	-.1049	
.793	-.0686	
.798		-.0936

ARC67-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR42)

ALPHAO(4) = 3.420 BETAO (3) = 3.721

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0954	.0748
.010		.0508
.020		.0584
.040		.0624
.041	.0131	
.113	-.0208	
.163		.0548
.248		-.0260
.247	-.0210	
.390		-.1134
.429	.0000	
.547	-.0340	
.837		-.1398
.838	-.0775	
.727	-.0862	
.793	-.0801	
.798		-.1004

ALPHAO(5) = 6.075 BETAO (1) = .198

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0379	-.0071
.010		-.0181
.020		-.0074
.040		-.0034
.041	-.0404	
.113	-.0844	
.163		-.0125
.248		-.0731
.247	-.0720	
.390		-.1448
.429	.0000	
.547	-.0731	
.837		-.1842
.838	-.1094	
.727	-.1148	
.793	-.1085	
.798		-.1100

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETRN3) (04 SEP 75)

REFERENCE DATA

SREF =	2690.0000 SQ.FT.	XMRP =	976.0000 IN. XT		
LREF =	1297.0000 INCHES	YMRP =	.0000 IN. YT		
BREF =	1297.0000 INCHES	ZMRP =	400.0000 IN. ZT		
SCALE =	.0300 SCALE				

PARAMETRIC DATA

MACH =	1.550	RN/FT =	2.500
ELV-1B =	8.000	ELV-0B =	.000
RUDDER =	.000	SPDBRK =	.000

ALPHAO(1) = -6.289 BETAO (1) = .408

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1371	-.0088
.010		.0204
.020		.0398
.040		.0522
.041	-.0880	
.113	-.1165	
.163		.1661
.246		.0685
.247	-.0691	
.390		-.0323
.429	.0000	
.547	.0310	
.637		-.0923
.638	-.0698	
.727	-.0668	
.793	.2168	
.798		.0443

ALPHAO(2) = -4.227 BETAO (1) = -3.808

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1733	-.0312
.010		-.0124
.020		-.0015
.040		.0035
.041	-.1403	
.113	-.1898	
.163		.0873
.246		.0183
.247	-.1386	
.390		-.0729
.429	.0000	
.547	-.0187	
.637		-.0805

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRN3)

ALPHAO(2) = -4.227 BETAO (1) = -3.808

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.638	-.1105	
.727	-.0851	
.793	.1840	
.798		.0297

ALPHAO(2) = -4.204 BETAO (2) = .384

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1374	-.0060
.010		.0126
.020		.0305
.040		.0382
.041	-.1198	
.113	-.1461	
.163		.1393
.246		.0382
.247	-.0856	
.390		-.0720
.429	.0000	
.547	.0080	
.637		-.1497
.638	-.0953	
.727	-.1029	
.793	.1648	
.798		.0124

ALPHAO(2) = -4.169 BETAO (3) = 3.933

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0858	.0338
.010		.0448
.020		.0606
.040		.0679
.041	-.0558	
.113	-.0668	
.163		.1895
.246		.0484

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR43)

ALPHAO(2) = -4.169 BETAO (3) = 3.933

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.247	-.0195	
.390		-.0801
.429	.0000	
.547	.0282	
.637		-.1612
.638	-.0758	
.727	-.0960	
.793	.0461	
.798		.0207

ALPHAO(3) = -2.122 BETAO (1) = .375

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.1463	-.0484
.010		-.0128
.020		.0189
.040		.0288
.041	-.1371	
.113	-.1609	
.163		.1098
.246		.0033
.247	-.1023	
.390		-.1159
.429	.0000	
.547	-.0162	
.637		-.1927
.638	-.1235	
.727	-.1261	
.793	.1002	
.798		-.0035

ARC87-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRN3)

ALPHAO(4) = -.030 BETAO (1) = -5.879

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1102	-.1789
.010		-.1370
.020		-.0881
.040		-.0706
.041	-.1763	
.113	-.2476	
.163		.0951
.246		.0443
.247	-.2050	
.390		-.0462
.429	.0000	
.547	.0539	
.637		-.0597
.638	-.0353	
.727	-.0363	
.793	.1610	
.798		.0151

ALPHAO(4) = -.027 BETAO (2) = -3.845

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1251	-.1264
.010		-.0703
.020		-.0503
.040		-.0414
.041	-.1547	
.113	-.2322	
.163		.0439
.246		-.0278
.247	-.1757	
.390		-.1264
.429	.0000	
.547	-.0427	
.637		-.1218
.638	-.1402	
.727	-.1241	
.793	.1505	
.798		.0263

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRN3)

ALPHAO(4) = -.030 BETAO (3) = -1.739

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1580	-.0893
.010		-.0539
.020		-.0235
.040		-.0078
.041	-.1364	
.113	-.1963	
.163		.0645
.246		-.0294
.247	-.1492	
.390		-.1374
.429	.0000	
.547	-.0412	
.637		-.2061
.638	-.1446	
.727	-.1394	
.793	.0995	
.798		-.0246

ALPHAO(4) = -.019 BETAO (4) = .351

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1853	-.0794
.010		-.0699
.020		-.0336
.040		-.0071
.041	-.1457	
.113	-.1562	
.163		.0823
.246		-.0225
.247	-.1326	
.390		-.1418
.429	.0000	
.547	-.0300	
.637		-.2218
.638	-.1398	
.727	-.1477	
.793	.0147	
.798		-.0427

ARC87-018 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRN3)

ALPHAO(4) = -.003 BETAO (5) = 2.455

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1259	-.0429
.010		-.0520
.020		-.0322
.040		-.0208
.041	-.1318	
.113	-.1175	
.163		.0837
.248		-.0224
.247	-.1044	
.390		-.1406
.429	.0000	
.547	-.0178	
.637		-.2190
.638	-.1302	
.727	-.1416	
.793	-.0846	
.798		-.0782

ALPHAO(4) = .008 BETAO (6) = 3.887

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0793	.0140
.010		.0006
.020		.0178
.040		.0287
.041	-.0784	
.113	-.0718	
.163		.0851
.248		-.0199
.247	-.0597	
.390		-.1387
.429	.0000	
.547	-.0124	
.637		-.2134
.638	-.1227	
.727	-.1325	
.793	-.1250	
.798		-.0910

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRN3.

ALPHA0(4) = .019 BETA0 (7) = 6.597

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0511	.0589
.010		.0423
.020		.0543
.040		.0599
.041	-.0296	
.113	-.0120	
.163		.0960
.246		-.0199
.247	-.0101	
.390		-.1416
.429	.0000	
.547	-.0065	
.637		-.2077
.638	-.1146	
.727	-.1282	
.793	-.1318	
.798		-.1035

ALPHA0(5) = 2.072 BETA0 (1) = .352

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1822	-.0839
.010		-.0942
.020		-.0665
.040		-.0476
.041	-.1125	
.113	-.1659	
.163		.0455
.246		-.0480
.247	-.1581	
.390		-.1705
.429	.0000	
.547	-.0395	
.637		-.2428
.638	-.1581	
.727	-.1679	
.793	-.0918	
.798		-.0889

ARC97-019 TAB1 LVAP(ALLML SEALED) RT. WING TOP (SETR43)

ALPHAO(6) = 3.555 BETAO (1) = -3.814

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0783	-.6838
.010		-.2107
.020		-.1631
.040		-.1438
.041	-.1409	
.113	-.2296	
.163		-.0089
.246		-.0660
.247	-.1839	
.390		-.1735
.429	.0000	
.547	-.0518	
.637		-.1856
.638	-.1640	
.727	-.1774	
.793	.0840	
.798		-.0345

ALPHAO(6) = 3.560 BETAO (2) = .385

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.1400	-.0683
.010		-.0938
.020		-.0767
.040		-.0689
.041	-.1112	
.113	-.1749	
.163		-.0149
.246		-.0747
.247	-.1429	
.390		-.1959
.429	.0000	
.547	-.0540	
.637		-.2648
.638	-.1739	
.727	-.1872	
.793	-.1633	
.798		-.1482

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRN3)

ALPHAO(6) = 3.578 BETAO (3) = 3.907

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0245	.0051
.010		-.0345
.020		-.0239
.040		-.0216
.041	-.0313	
.113	-.1010	
.163		-.0049
.246		-.0991
.247	-.0804	
.390		-.2037
.429	.0000	
.547	-.0497	
.637		-.2624
.638	-.1659	
.727	-.1794	
.793	-.1756	
.798		-.1886

ALPHAO(7) = 6.258 BETAO (1) = .388

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1566	0984
.010		-.1174
.020		-.0948
.040		-.0874
.041	-.1436	
.113	-.1815	
.163		-.0881
.246		-.0984
.247	-.1187	
.390		-.2187
.429	.0000	
.547	-.0680	
.637		-.2859
.638	-.1899	
.727	-.2054	
.793	-.1957	
.798		-.1893

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRN4) (04 SEP 75)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 978.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.000 RN/FT = 2.500
ELV-IB = 8.000 ELV-OB = .000
RUDDER = .000 SPDBRK = .000

ALPHAO(1) = -6.299 BETAO (1) = .071

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0099	-.0092
.010		.0000
.020		.0125
.040		.0234
.041	.0521	
.113	.0143	
.183		.1321
.246		.0738
.247	-.0339	
.390		-.0171
.429	.0000	
.547	.0399	
.637		-.0846
.638	-.0266	
.727	-.0332	
.793	.1268	
.798		.0090

ALPHAO(2) = -4.258 BETAO (1) = -4.163

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0160	-.0737
.010		-.0619
.020		-.0436
.040		-.0310
.041	.0184	
.113	-.0448	
.183		.0883
.246		.0318
.247	-.0883	
.390		-.0402
.429	.0000	
.547	.0088	
.637		-.1030

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR44)

ALPHAO(2) = -4.258 BETAO (1) = -4.183

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.638	-.0559	
.727	-.0665	
.793	.0838	
.798		-.0019

ALPHAO(2) = -4.231 BETAO (2) = .037

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0091	-.0101
.010		-.0098
.020		-.0012
.040		.0044
.041	.0287	
.113	-.0052	
.163		.0813
.246		.0359
.247	-.0545	
.390		-.0473
.429	.0000	
.547	.0139	
.637		-.1068
.638	-.0512	
.727	-.0611	
.793	.0823	
.798		-.0198

ALPHAO(2) = -4.258 BETAO (3) = 3.599

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0577	.0699
.010		.0626
.020		.0686
.040		.0725
.041	.0600	
.113	.0429	
.163		.1070
.246		.0370

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRN4)

ALPHAO(2) = -4.258 BETAO (3) = 3.599

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.247	-.0073	
.390		-.0526
.429	.0000	
.547	.0252	
.637		-.1042
.638	-.0438	
.727	-.0526	
.793	.0255	
.798		-.0259

ALPHAO(3) = -2.181 BETAO (1) = .037

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0129	-.0188
.010		-.0253
.020		-.0181
.040		-.0148
.041	.0065	
.113	-.0214	
.163		.0331
.246		.0048
.247	-.0742	
.390		-.0778
.429	.0000	
.547	-.0122	
.637		-.1257
.638	-.0719	
.727	-.0805	
.793	.0462	
.798		-.0528

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR44)

ALPHAO(4) = -.093 BETAO (1) = -8.250

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0102	-.1204
.010		-.1068
.020		-.0951
.040		-.0889
.041	-.0495	
.113	-.1076	
.163		-.0073
.246		-.0315
.247	-.1315	
.390		-.0889
.429	.0000	
.547	-.0450	
.637		-.1322
.638	-.0935	
.727	-.0990	
.793	.0242	
.798		-.05.2

ALPHAO(4) = -.091 BETAO (2) = -4.198

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0020	-.1029
.010		-.1050
.020		-.0958
.040		-.0896
.041	-.0348	
.113	-.0833	
.163		-.0037
.246		-.0276
.247	-.1181	
.390		-.0932
.429	.0000	
.547	-.0433	
.637		-.1368
.838	-.0922	
.727	-.0994	
.793	.0262	
.798		-.0638

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRN4)

ALPHAO(4) = -.090 BETAO (3) = -2.083

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0153	-.0831
.010		-.0707
.020		-.0635
.040		-.0599
.041	-.0232	
.113	-.0615	
.163		-.0133
.246		-.0317
.247	-.1087	
.390		-.1028
.429	.0000	
.547	-.0432	
.637		-.1405
.638	-.0926	
.727	-.0959	
.793	.0263	
.798		-.0772

ALPHAO(4) = -.077 BETAO (4) = .009

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0287	-.0320
.010		-.0412
.020		-.0349
.040		-.0320
.041	-.0284	
.113	-.0457	
.163		-.0068
.246		-.0415
.247	-.0903	
.390		-.1087
.429	.0000	
.547	-.0385	
.637		-.1486
.638	-.0929	
.727	-.0975	
.793	.0096	
.798		-.0799

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR44)

ALPHAO(4) = -.067 BETAO (5) = 2.124

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0104	.0011
.010		-.0120
.020		-.0051
.040		-.0029
.041	-.0297	
.113	-.0281	
.163		.0066
.246		-.0500
.247	-.0664	
.390		-.1151
.429	.0000	
.547	-.0389	
.637		-.1466
.638	-.0922	
.727	-.0961	
.793	-.0448	
.798		-.0829

ALPHAO(4) = -.059 BETAO (6) = 3.572

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0254	.0644
.010		.0421
.020		.0460
.040		.0498
.041	-.0093	
.113	-.0070	
.163		.0388
.246		-.0358
.247	-.0390	
.390		-.1231
.429	.0000	
.547	-.0263	
.637		-.1532
.638	-.0907	
.727	-.0950	
.793	-.0737	
.798		-.0873

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR44)

ALPHAO(4) = -.083 BETAO (7) = 8.278

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0523	.1119
.010		.0861
.020		.0884
.040		.0903
.041	.0075	
.113	.0055	
.163		.0792
.246		-.0125
.247	-.0086	
.390		-.1134
.429	.0000	
.547	-.0043	
.637		-.1494
.638	-.0734	
.727	-.0813	
.793	-.0623	
.798		-.1146

ALPHAO(5) = 1.987 BETAO (1) = .023

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0428	-.0340
.010		-.0494
.020		-.0428
.040		-.0389
.041	-.0851	
.113	-.0703	
.163		-.0290
.246		-.0811
.247	-.0979	
.390		-.1388
.429	.0000	
.547	-.0821	
.637		-.1873
.638	-.1138	
.727	-.1159	
.793	-.0422	
.798		-.0991

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR44)

ALPHAO(6) = 3.488 BETAO (1) = -4.234

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0209	-.1185
.010		-.1149
.020		-.1028
.040		-.0982
.041	-.0749	
.113	-.1182	
.163		-.0805
.246		-.0834
.247	-.1391	
.390		-.1382
.429	.0000	
.547	-.0716	
.637		-.1703
.638	-.1211	
.727	-.1237	
.793	-.0071	
.798		-.1109

ALPHAO(6) = 3.479 BETAO (2) = .019

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0550	-.0363
.010		-.0550
.020		-.0484
.040		-.0441
.041	-.0995	
.113	-.0966	
.163		-.0497
.246		-.1117
.247	-.0907	
.390		-.1658
.429	.0000	
.547	-.0799	
.637		-.1878
.638	-.1314	
.727	-.1356	
.793	-.1183	
.798		-.1323

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRN4)

ALPHAO(6) = 3.485 BETAO (3) = 3.581

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0033	.0531
.010		.0239
.020		.0321
.040		.0358
.041	-.0663	
.113	-.0637	
.163		.0177
.246		-.0719
.247	-.0295	
.390		-.1690
.429	.0000	
.547	-.0555	
.637		-.1969
.638	-.1276	
.727	-.1336	
.793	-.1270	
.798		-.1678

ALPHAO(7) = 6.187 BETAO (1) = .048

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0714	-.0345
.010		-.0588
.020		-.0514
.040		-.0471
.041	-.1232	
.113	-.1166	
.163		-.0523
.246		-.1255
.247	-.0907	
.390		-.1953
.429	.0000	
.547	-.0937	
.637		-.2058
.638	-.1442	
.727	-.1507	
.793	-.1402	
.798		-.1758

ARC97-019 IAB1 LVAP(ALLML SEALED) RT. WING TOP (RETR45) (04 SEP 75)

REFERENCE DATA

SREF = 2890.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.200 RN/FT = 2.500
ELV-IB = 8.000 ELV-OB = .000
RUDDER = .000 SPDBRK = .000

ALPHAO(1) = -8.332 BETAO (1) = -.120

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0416	.0284
.010		.0304
.020		.0375
.040		.0422
.041	.0653	
.113	.0473	
.163		.0998
.246		.0538
.247	-.0041	
.390		-.0312
.429	.0000	
.547	.0230	
.637		-.0769
.638	-.0275	
.727	-.0329	
.793	.1093	
.798		-.0013

ALPHAO(2) = -4.288 BETAO (1) = -4.351

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0275	-.0595
.010		-.0537
.020		-.0483
.040		-.0398
.041	.0234	
.113	-.0192	
.163		.0410
.246		.0158
.247	-.0544	
.390		-.0500
.429	.0000	
.547	-.0063	
.637		-.0997

ARC97-019 TABI LVAP(ALLHL SEALED) RT. WING TOP (RETAY5)

ALPHAO(2) = -4.288 BETAO (1) = -4.351

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.638	-.0574	
.727	-.0679	
.793	.0329	
.798		-.0085

ALPHAO(2) = -4.320 BETAO (2) = -.149

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0266	.0222
.010		.0151
.020		.0192
.040		.0226
.041	.0429	
.113	.0273	
.163		.0578
.248		.0110
.247	-.0222	
.329		-.0594
.429	.0000	
.547	-.0042	
.637		-.0977
.638	-.0486	
.727	-.0543	
.793	.0656	
.798		-.0297

ALPHAO(2) = -4.300 BETAO (3) = 3.413

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0868	.1041
.010		.0929
.020		.0948
.040		.0980
.041	.0834	
.113	.0553	
.163		.1068
.248		.0343

ARC97-019 IAB1 LVAP(ALLHL SEALED) RT. WING TOP (RETRY5)

ALPHAO(2) = -4.300 BETAO (3) = 3.413

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.247	.0187	
.390		-.0556
.429	.0000	
.547	.0200	
.637		-.0928
.638	-.0348	
.727	-.0410	
.793	.0068	
.798		-.0343

ALPHAO(3) = -2.199 BETAO (1) = -.165

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0191	.0191
.010		.0032
.020		.0066
.040		.0090
.041	.0141	
.113	.0046	
.163		.0232
.248		-.0298
.247	-.0412	
.390		-.0865
.429	.0000	
.547	-.0317	
.637		-.1170
.638	-.0899	
.727	-.0737	
.793	.0320	
.798		-.0580

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR45)

ALPHAO(4) = -.118 BETAO (1) = -6.442

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3840
X/CM		
.000	.0032	-.1117
.010		-.0999
.020		-.0914
.040		-.0880
.041	-.0421	
.113	-.0775	
.163		-.0427
.248		-.0515
.247	-.1008	
.390		-.0934
.429	.0000	
.547	-.0530	
.837		-.1298
.838	-.0838	
.727	-.1018	
.793	-.0390	
.798		-.0581

ALPHAO(4) = -.115 BETAO (2) = -4.378

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3840
X/CM		
.000	.0100	-.0859
.010		-.0851
.020		-.0793
.040		-.0766
.041	-.0289	
.113	-.0567	
.163		-.0387
.248		-.0523
.247	-.0885	
.390		-.1008
.429	.0000	
.547	-.0550	
837		-.1324
.838	-.0958	
.727	-.1020	
.793	-.0079	
.798		-.0704

ARC97-019 TAB1 LVAP(ALLHL SEALED) RT. WING TOP (RETRN5)

ALPHAO(4) = -.112 BETAO (3) = -2.264

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0037	-.0385
.010		-.0468
.020		-.0405
.040		-.0382
.041	-.0105	
.113	-.0398	
.163		-.0284
.246		-.0584
.247	-.0729	
.390		-.1087
.429	.0000	
.547	-.0564	
.637		-.1326
.638	-.0911	
.727	-.0932	
.793	.0044	
.798		-.0826

ALPHAO(4) = -.108 BETAO (4) = -.175

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0099	.0025
.010		-.0100
.020		-.0063
.040		-.0039
.041	-.0114	
.113	-.0205	
.163		-.0070
.246		-.0637
.247	-.0576	
.390		-.1167
.429	.0000	
.547	-.0552	
.637		-.1363
.638	-.0887	
.727	-.0900	
.793	.0153	
.798		-.0825

ARC97-019 !A81 LVAP(ALLML SEALED) RT. WING TOP (RETRN5)

ALPHAO(4) = -.100 BETAO (5) = 1.938

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0298	.0423
.010		.0271
.020		.0308
.040		.0329
.041	-.0103	
.113	-.0147	
.163		.0227
.246		-.0465
.247	-.0407	
.390		-.1194
.429	.0000	
.547	-.0438	
.637		-.1332
.638	-.0836	
.727	-.0890	
.793	-.0330	
.798		-.0740

ALPHAO(4) = -.095 BETAO (6) = 3.383

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0590	.0941
.010		.0688
.020		.0708
.040		.0712
.041	-.0029	
.113	-.0015	
.163		.0512
.246		-.0373
.247	-.0198	
.390		-.1205
.429	.0000	
.547	.0299	
.637		-.1374
.638	-.0798	
.727	-.0836	
.793	-.0556	
.798		-.0926

ARC97-018 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR45)

ALPHAO(4) = -.089 BETAO (7) = 8.028

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0915	.1266
.010		.0989
.020		.1029
.040		.1043
.041	.0213	
.113	.0176	
.163		.0871
.246		-.0094
.247	.0024	
.390		-.1110
.429	.0000	
.547	-.0098	
.637		-.1312
.638	-.0604	
.727	-.0719	
.793	-.0495	
.798		-.0985

ALPHAO(5) = 1.933 BETAO (1) = -.155

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0017	-.0195
.010		-.0300
.020		-.0243
.040		-.0206
.041	-.0425	
.113	-.0465	
.163		-.0253
.246		-.0908
.247	-.0735	
.390		-.1468
.429	.0000	
.547	-.0752	
.637		-.1532
.638	-.1083	
.727	-.1069	
.793	.0068	
.798		-.1064

ARC97-019 (A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR45)

ALPHAO(6) = 3.402 BETAO (1) = -4.411

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0051	-.1051
.010		-.1013
.020		-.0938
.040		-.0882
.041	-.0551	
.113	-.0932	
.163		-.0865
.246		-.1125
.247	-.1159	
.390		-.1412
.429	.0000	
.547	-.0872	
.637		-.1605
.638	-.1226	
.727	-.1219	
.793	-.0196	
.798		-.1069

ALPHAO(6) = 3.403 BETAO (2) = -.163

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0169	-.0291
.010		-.0402
.020		-.0335
.040		-.0294
.041	-.0693	
.113	-.0703	
.163		-.0409
.246		-.1044
.247	-.0902	
.390		-.1699
.429	.0000	
.547	-.0892	
.637		-.1718
.638	-.1237	
.727	-.1247	
.793	-.0480	
.798		-.1198

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR45)

ALPHAO(6) = 3.408 BETAO (3) = 3.392

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0312	.0572
.010		.0322
.020		.0373
.040		.0403
.041	-.0421	
.113	-.0529	
.163		.0281
.246		-.0556
.247	-.0508	
.390		-.1496
.429	.0000	
.547	-.0482	
.637		-.1702
.638	-.1053	
.727	-.1124	
.793	-.1053	
.798		-.1419

ALPHAO(7) = 6.072 BETAO (1) = -.153

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0277	-.0355
.010		-.0521
.020		-.0433
.040		-.0389
.041	-.0889	
.113	-.0943	
.163		-.0466
.246		-.1112
.247	-.1017	
.390		-.1861
.429	.0000	
.547	-.0978	
.637		-.1895
.638	-.1334	
.727	-.1372	
.793	-.1267	
.798		-.1485

ARC97-01B IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR48) (04 SEP 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.550 RN/FT = 2.500
ELV-1B = 10.000 ELV-0B = -4.000
RUDDER = .000 SPDBRK = .000

ALPHAO(1) = -6.268 BETAO (1) = .417

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1375	-.0109
.010		.0194
.020		.0389
.040		.0515
.041	-.0922	
.113	-.1190	
.163		.1668
.246		.0690
.247	-.0701	
.390		-.0337
.429	-.1652	
.547	.0280	
.637		-.0962
.638	-.0731	
.727	-.0694	
.793	.2169	
.798		.0405

ALPHAO(2) = -4.270 BETAO (1) = -3.851

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1735	-.0341
.010		-.0128
.020		-.0007
.040		.0039
.041	-.1398	
.113	-.1905	
.163		.0898
.246		.0186
.247	-.1382	
.390		-.0740
.429	-.1284	
.547	-.0187	
.637		-.0828

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR48)

ALPHAO(2) = -4.270 BETAO (1) = -3.851

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.638	-.1130	
.727	-.0855	
.793	.1835	
.798		.0248

ALPHAO(2) = -4.251 BETAO (2) = .391

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1410	-.0090
.010		.0116
.020		.0256
.040		.0357
.041	-.1244	
.113	-.1498	
.163		.1371
.246		.0341
.247	-.0862	
.390		-.0748
.429	-.1615	
.547	.0054	
.637		-.1550
.638	-.0980	
.727	-.1055	
.793	.1835	
.798		.0138

ALPHAO(2) = -4.215 BETAO (3) = 3.923

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0895	.0275
.010		.0426
.020		.0563
.040		.0641
.041	-.0577	
.113	-.0681	
.163		.1513
.248		.0419

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR48)

ALPHAG(2) = -4.215 BETAO (3) = 3.923

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.247	-.0224	
.390		-.0740
.429	.0893	
.547	.0239	
.637		-.1668
.638	-.0780	
.727	-.0995	
.793	.0439	
.798		.0180

ALPHAO(3) = -2.110 BETAO (1) = .382

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1467	-.0530
.010		-.0131
.020		.0170
.040		.0271
.041	-.1379	
.113	-.1600	
.163		.1098
246		.0012
.247	-.1029	
.390		-.1175
.429	-.1162	
.547	-.0163	
.837		-.1976
.638	-.1259	
.727	-.1266	
.793	.0965	
.798		-.0029

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR46)

ALPHAO(4) = -.014 BETAO (1) = -5.856

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1095	-.1769
.010		-.1321
.020		-.0908
.040		-.0714
.041	-.1782	
.113	-.2504	
.163		.0895
.246		.0398
.247	-.2069	
.390		-.0456
.429	-.0386	
.547	.0521	
.637		-.0566
.638	-.0340	
.727	-.0386	
.793	.1584	
.798		.0099

ALPHAO(4) = -.012 BETAO (2) = -3.894

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1335	-.1251
.010		-.0704
.020		-.0505
.040		-.0415
.041	-.1576	
.113	-.2345	
.163		.0409
.246		-.0305
.247	-.1785	
.390		-.1283
.429	-.0534	
.547	-.0468	
.637		-.1348
.638	-.1422	
.727	-.1274	
.793	.1426	
.798		.0239

ARC97-019 IABI LVAP(ALLHL SEALED) RT. WING TOP (RETR48)

ALPHAO(4) = -.017 BETAO (3) = -1.729

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.1648	-.0924
.010		-.0564
.020		-.0248
.040		-.0092
.041	-.1402	
.113	-.1980	
.163		.0637
.246		-.0326
.247	-.1524	
.390		-.1415
.429	-.0519	
.547	-.0438	
.637		-.2098
.638	-.1488	
.727	-.1437	
.793	.0983	
.798		-.0278

ALPHAO(4) = -.008 BETAO (4) = .358

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.1688	-.0839
.010		-.0759
.020		-.0369
.040		-.0134
.041	-.1483	
.113	-.1808	
.163		.0809
.246		-.0258
.247	-.1387	
.390		-.1474
.429	.0751	
.547	-.0337	
.637		-.2275
.638	-.1435	
.727	-.1519	
.793	.0085	
.798		-.0437

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR48)

ALPHAO(4) = .002 BETAO (5) = 2.458

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.1288	-.0468
.010		-.0500
.020		-.0353
.040		-.0161
.041	-.1342	
.113	-.1205	
.163		.0874
.246		-.0212
.247	-.1041	
.390		-.1413
.429	.1827	
.547	-.0196	
.637		-.2207
.638	-.1323	
.727	-.1438	
.793	-.0865	
.798		-.0774

ALPHAO(4) = .017 BETAO (6) = 3.895

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0825	.0147
.010		-.0066
.020		.0125
.040		.0248
.041	-.0784	
.113	-.0723	
.163		.0836
.246		-.0239
.247	-.0618	
.390		-.1431
.429	.3151	
.547	-.0137	
.637		-.2187
.638	-.1265	
.727	-.1345	
.793	-.1284	
.798		-.0980

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR48)

ALPHAO(4) = .028 BETAO (7) = 8.518

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0569	.0558
.010		.0406
.020		.0511
.040		.0559
.041	-.0310	
.113	-.0148	
.163		.0954
.246		-.0234
.247	-.0170	
.390		-.1434
.429	.2354	
.547	-.0100	
.637		-.2122
.638	-.1177	
.727	-.1320	
.793	-.1352	
.798		-.1091

ALPHAO(5) = 2.074 BETAO (1) = .382

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.1857	-.0859
.010		-.0976
.020		-.0683
.040		-.0499
.041	-.1119	
.113	-.1675	
.163		.0436
.246		-.0489
.247	-.1609	
.390		-.1720
.429	.2231	
.547	-.0413	
.637		-.2467
.638	-.1580	
.727	-.1707	
.793	-.0976	
.798		-.0939

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRN6)

ALPHAO(6) = 3.583 BETAO (1) = -3.860

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0778	-.2582
.010		-.2105
.020		-.1689
.040		-.1472
.041	-.1402	
.113	-.2302	
.163		-.0075
.246		-.0680
.247	-.1057	
.390		-.1739
.429	.0822	
.547	-.0518	
.637		-.1943
.638	-.1653	
.727	-.1784	
.793	.0873	
.798		-.0338

ALPHAO(6) = 3.565 BETAO (2) = .374

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.1435	-.0729
.010		-.0939
.020		-.0773
.040		-.0703
.041	-.1168	
.113	-.1754	
.163		-.0156
.246		-.0770
.247	-.1435	
.390		-.1999
.429	.3534	
.547	-.0578	
637		-.2677
.638	-.1780	
.727	-.1909	
.793	-.1642	
.798		-.1530

ARC97-019 TABI LVAP(ALLHL SEALED) RT. WING TOP (RETRY6)

ALPHAO(6) = 3.578 BETAO (3) = 3.899

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3840
X/CW		
.000	-.0281	.0028
.010		-.0389
.020		-.0290
.040		-.0239
.041	-.0367	
.113	-.1061	
.163		-.0077
.246		-.1045
.247	-.0841	
.390		-.2086
.429	.3098	
.547	-.0539	
.637		-.2672
.638	-.1701	
.727	-.1841	
.793	-.1784	
.798		-.1949

ALPHAO(7) = 6.314 BETAO (1) = .393

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BM	.2350	.3840
X/CW		
.000	-.1588	-.1067
.010		-.1203
.020		-.0997
.040		-.0911
.041	-.1480	
.113	-.1817	
.163		-.0847
.246		-.1025
.247	-.1232	
.390		-.2227
.428	.2883	
.547	-.0723	
.637		-.2908
.638	-.1941	
.727	-.2094	
.793	-.1995	
.798		-.1944

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR47) (04 SEP 75)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = 976.0000 IN. XT
LREF = 1297.0000 INCHES YMRP = .0000 IN. YT
BREF = 1297.0000 INCHES ZMRP = 400.0000 IN. ZT
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 2.000 RN/FT = 2.500
ELV-IB = 10.000 ELV-OB = -4.000
RUDDER = .000 SPOBRK = .000

ALPHAO(1) = -6.283 BETAO (1) = .072

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0092	-.0097
.010		.0002
.020		.0124
.040		.0229
.041	.0533	
.113	.0124	
.163		.1340
.246		.0738
.247	-.0350	
.390		-.0187
.429	-.0558	
.547	.0383	
.637		-.0875
.638	-.0305	
.727	-.0408	
.793	.1266	
.798		.0091

ALPHAO(2) = -4.315 BETAO (1) = -4.217

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0109	-.0771
.010		-.0682
.020		-.0477
.040		-.0384
.041	.0129	
.113	-.0499	
.163		.0668
.246		.0295
.247	-.0845	
.390		-.0451
.429	.0132	
.547	.0013	
.637		-.1075

ARC97-019 (AB1 LVAP(ALLML SEALED) RT. WING TOP (RETRN7)

ALPHAO(2) = -4.318 BETAO (1) = -4.217

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.638	-.0605	
.727	-.0704	
.793	.0798	
.798		-.0032

ALPHAO(2) = -4.282 BETAO (2) = .044

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0113	-.0136
.010		-.0142
.020		-.0052
.040		-.0004
.041	.0288	
.113	-.0091	
.183		.0781
.248		.0318
.847	-.0870	
.380		-.0808
.428	-.0477	
.947	.0105	
.637		-.1098
.638	-.0548	
.727	-.0851	
.793	.078[illegible]	
.798		-.0224

ALPHAO(3) = -4.248 BETAO (3) = 3.988

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0557	.0680
.010		.0598
.020		.0660
.040		.0702
.041	.0548	
.113	.0383	
.183		.1038
.248		.0335

ARC97-018 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR47)

ALPHAO(2) = -4.245 BETAO (3) = 3.589

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.247	-.0110	
.390		-.0574
.429	-.0387	
.547	.0209	
.637		-.1074
.638	-.0474	
.727	-.0564	
.793	.0235	
.798		-.0303

ALPHAO(3) = -2.148 BETAO (1) = .035

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0170	-.0247
.010		-.0293
.020		-.0241
.040		-.0189
.041	.0011	
.113	-.0284	
.163		.0282
.246		.0004
.247	-.0793	
.390		-.0826
.429	-.0241	
.547	-.0173	
.637		-.1317
.638	-.0771	
.727	-.0848	
.793	.0403	
.798		-.0564

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR47)

ALPHAO(4) = -.077 BETAO (1) = -8.234

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0116	-.1831
.010		-.1078
.020		-.0973
.040		-.0925
.041	-.0918	
.113	-.1102	
.183		-.0089
.248		-.0341
.247	-.1341	
.390		-.0909
.429	.0130	
.547	-.0467	
.637		-.1341
.638	-.0963	
.727	-.1018	
.793	.0227	
.798		-.0563

ALPHAO(4) = -.078 BETAO (2) = -4.257

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0040	-.1131
.010		-.1082
.020		-.0992
.040		-.0931
.041	-.0379	
.113	-.0866	
.183		-.0059
.248		-.0305
.247	-.1218	
.390		-.0983
.429	-.0046	
.547	.0463	
.637		-.1408
.638	-.0953	
.727	-.1008	
.793	.0250	
.798		-.0637

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR47)

ALPHAO(4) = -.074 BETAO (3) = -2.080

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0204	-.0652
.010		-.0723
.020		-.0662
.040		-.0630
.041	-.0248	
.113	-.0633	
.163		-.0143
.246		-.0337
.247	-.1087	
.390		-.1029
.429	.0111	
.547	-.0459	
.637		-.1429
.638	-.0939	
.727	-.0978	
.793	.0237	
.798		-.0776

ALPHAO(4) = -.070 BETAO (4) = .011

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0321	-.0359
.010		-.0430
.020		-.0375
.040		-.0340
.041	-.0327	
.113	-.0492	
.163		-.0075
.246		-.0417
.247	-.0938	
.390		-.1112
.429	-.0046	
.547	-.0411	
.637		-.1523
.638	-.0954	
.727	-.1002	
.793	.0087	
.798		-.0823

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETR47)

ALPHAO(4) = -.060 BETAO (5) = 2.115

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0142	-.0019
.010		-.0139
.020		-.0084
.040		-.0049
.041	-.0329	
.113	-.0307	
.163		.0029
.246		-.0520
.247	-.0704	
.390		-.1159
.429	-.0439	
.547	-.0407	
.637		-.1492
.638	-.0946	
.727	-.0969	
.793	-.0439	
.798		-.0852

ALPHAO(4) = -.050 BETAO (6) = 3.551

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	.0228	.0605
.010		.0406
.020		.0422
.040		.0461
.041	-.0123	
.113	-.0101	
.163		.0344
.246		-.0385
.247	-.0430	
.390		-.1243
.429	-.0089	
.547	-.0294	
.637		-.1556
.638	-.0933	
.727	-.0986	
.793	-.0748	
.798		-.0952

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETRY7)

ALPHAO(4) = -.026 BETAO (7) = 8.169

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	.0481	.1088
.010		.0833
.020		.0843
.040		.0856
.041	.0042	
.113	.0020	
.163		.0746
.246		-.0155
.247	-.0138	
.390		-.1175
.429	.0614	
.547	-.0058	
.637		-.1507
.638	-.0771	
.727	-.0826	
.793	-.0645	
.798		-.1129

ALPHAO(5) = 1.992 BETAO (1) = .010

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0472	-.0392
.010		-.0511
.020		-.0450
.040		-.0421
.041	-.0673	
.113	-.0743	
.163		-.0311
.246		-.0811
.247	-.0998	
.390		-.1388
.429	.0226	
.547	-.0847	
.637		-.1698
.638	-.1157	
.727	-.1182	
.793	-.0378	
.798		-.1028

ARC97-019 IA81 LVAP(ALLHL SEALED) RT. WING TOP (RETRN7)

ALPHAO(8) = 3.472 BETAO (1) = -4.227

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0228	-.1201
.010		-.1181
.020		-.1055
.040		-.1004
.041	-.0771	
.113	-.1201	
.163		-.0826
.246		-.0875
.247	-.1427	
.390		-.1401
.429	-.0096	
.547	-.0739	
.637		-.1734
.638	-.1233	
.727	-.1249	
.793	-.0080	
.798		-.1116

ALPHAO(8) = 3.475 BETAO (2) = .017

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3840
X/CW		
.000	-.0577	-.0400
.010		-.0502
.020		-.0503
.040		-.0480
.041	-.1033	
.113	-.1001	
.163		-.0509
.246		-.1138
.247	-.0933	
.390		-.1689
.429	.0350	
.547	-.0823	
.637		-.1899
.638	-.1340	
.727	-.1382	
.793	-.1152	
.798		-.1329

ARC97-019 1A81 LVAP(ALLHL SEALED) RT. WING TOP (RETR47)

ALPHAO(6) = 3.480 BETAO (3) = 3.492

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0054	.0495
.010		.0243
.020		.0298
.040		.0314
.041	-.0707	
.113	-.0662	
.163		.0149
.246		-.0756
.247	-.0323	
.390		-.1715
.429	.1396	
.547	-.0600	
.637		-.1996
.638	-.1305	
.727	-.1366	
.793	-.1279	
.798		-.1700

ALPHAO(7) = 8.220 BETAO (1) = .042

SECTION (1)RIGHT WING TOP DEPENDENT VARIABLE CP

Y/BW	.2350	.3640
X/CW		
.000	-.0742	-.0374
.010		-.0610
.020		-.0532
.040		-.0490
.041	-.1259	
.113	-.1201	
.163		-.0516
.246		-.1265
.247	-.0933	
.390		-.1966
.429	.0608	
.547	-.0955	
.637		-.2076
.638	-.1462	
.727	-.1527	
.793	-.1401	
.798		-.1741