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RESULTS OF VENT PORT TPS LOADS TESTS IN THE AMES RESEARCH CENTER (ARC) 11x11-FOOT WIND TUNNEL USING MODEL 113-0(OS50, OS50A)

SPACE SHUTTLE AEROTHERMODYNAMIC DATA REPORT

Data Management SERVICES
HUNTSVILLE ELECTRONICS DIVISION CHRYSLER CORPORATION

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by

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Prepared under NASA Contract Number NAS9-16283

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WIND TUNNEL TEST SPECIFICS

Test Number:	ARC 425-1-11, 465-1-11
NASA Series Number:	OS50, OS50A
Model Number:	113-0
Test Date:	8/27/80 - 9/6/80, 5/28/81 - 6/1/81
Occupancy Hours:	144, 40

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ABSTRACT

Tests OS50 and OS50A were conducted in the NASA/Ames Research Center 11x11-foot Unitary Plan Wind Tunnel from August 27, 1980 to September 6, 1980 and May 28, 1981 to June 1, 1981, respectively.

Test objectives were to demonstrate performance of orbiter vent port perimeter TPS materials and to obtain detailed air load distribution data in the vicinity of the vent ports, with and without mass flow through the vents. Two vent port configurations were used; number 3 with High-temperature Reuseable Surface Insulation (HRSI) tiles and number 9 with Flexible Reuseable Surface Insulation (FRSI). Each configuration was subjected to air loads simulating STS-1 limit and ultimate loads, and mission 3A design limit and design ultimate loads. One-hundred missions were simulated on each configuration. In order to provide a safety factor of 4, an exposure time equivalent to 400 missions was run.

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INTRODUCTION

This report represents model and test information as well as data from tests OS50 and OS50A. These tests were conducted in the NASA/Ames Research Center 11x11-foot Transonic Wind Tunnel from August 27, 1980 through September 6, 1980 (OS50) and from May 28, 1981 through June 1, 1981 (OS50A).

Test objectives were to demonstrate performance of the Orbiter vent port perimeter Thermal Protection System (TPS) materials and to obtain detailed airload distribution data in the vicinity of the vent ports, with and without mass flow through the vent. Two vent port configurations were tested; vent port #3 with HRSI tiles and vent port #9 with FRSI material surrounding the vent. Each configuration was subjected to airloads simulating STS-1 limit and ultimate loads and mission 3A design limit and design ultimate loads. The testing was to subject each configuration to the equivalent of 98 missions.

A dummy vent port panel was tested to obtain detailed pressure distribution around the port without subjecting the real tiles to the airloads and to provide a surface that could be more densely instrumented.

NOMENCLATURE

SYMBOL	MNEMONIC	DEFINITION
A2		Cross-section area of nozzle throat - $inches^2$
B		Reference breadth dimension for reduction of tile balance data - See Data Reduction
C_D		Discharge coefficient - none
CI		Critical flow coefficient - none
	CLSI	Ratio of steady state pressure level (psi) to dynamic pressure
	CML	Pitching moment coefficient based on tile dimensions
	CNL	Normal force coefficient based on tile dimensions
C_p	CP	Local static pressure coefficient
	CRL	Rolling moment coefficient based on tile dimensions
d*		Throat diameter - inches
	DCI	Steady state pressure level, psi
g		Gravitation constants = 32.174 $feet/second^2$
	GAINI	Multiplication factor pre-set in amplifier of Kulite sensor i, i = 1 to 14
ℓ		Reference length for reduction of tile balance data - See Data Reduction
M_∞	MACH	Freestream Mach number
	NF	Normal force computed from summation of tile strain gage readings, pounds
P_∞	P	Freestream static pressure, psia
P_ℓ	PL	Local static pressure, psia
	PML	Pitching moment about the center of the tile, foot pounds
	PSIA	Air supply pressure, psia
P_t	PT	Freestream total pressure, psia or inches Mercury

P_{T_1}		Total pressure upstream of throat - psia
q	Q(PSF)	Freestream dynamic pressure, psf
R		Gas constant - ft/^{o}R
R_e	RN/L	Freestream Reynolds number, per foot x10^{-6}
	RML	Rolling moment about the center of the tile, foot pounds
	RMSI	Signal RMS values for Kulite fluctuating pressure sensor i, or strain gauges i, i = 1 to 14
R_N		Flow meter Reynolds number - none
S		Reference area for reduction of tile balance data - see Data Reduction
	SEQ	Tunnel sequence number within a run
	TEMP R	Air supply temperature, ^{o}R
	TIME	Time of data recording, hours and minutes (24 hour format)
T_s	TS	Freestream static temperature, ^{o}R
T_t	TTF	Freestream total temperature, ^{o}R
T_{T_1}		Total temperature upstream of throat - ^{o}R
V_∞	V	Freestream velocity, ft/sec
W		Estimated mass air flow - pounds/second
W_a	WA	Vent mass air flow, pounds/sec
X		Longitudinal distance positive, inches aft of panel leading edge
X_o		Longitudinal distance measured from a point 235 in. forward of the orbiter nose, inches
Y	Y	Vertical distance positive, inches above IML
Z	Z	Lateral distance positive,inches right of panel left hand edge

NOMENCLATURE (Concluded)

Z_o		Vertical distance, measured from the external tank centerline
μ		viscosity - (pound-second)/foot^2
ρ	RHO	Freestream density, slugs/ft^3

REMARKS

Tests OS50 and OS50A were part of the TPS flow test program. Orbiter vent ports #3 and #9 were chosen to represent the critical areas for HRSI tiles and FRSI. The FRSI panel completed its test cycle with no anomalies.

During the first ultimate load condition on the HRSI panel, a portion of one tile was lost. This caused termination of test OS50. The tile installation was redesigned and the panel reworked. Test OS50A then processed the HRSI panel through all flight conditons.

Test conditions for test OS50A were identical to those for OS50. The data for test OS50A are not presented because of this similarity.

CONFIGURATIONS INVESTIGATED

Model 113-0 consists of three test panels and a fixture that conditions the vent air.

The fixture is made up of a floor plate, a test specimen support fitting, and a venting air supply conditioning system.

The floor plate, 106 by 31.5 inches, is mounted in the 11x11-ft. tunnel floor, replacing three rails from tunnel station (TS) 0.0 to the turntable at TS 106. A support fitting is inserted in a rectangular cutout in the plate, to provide bolt-down accommodation for the test panels. The leading edge of all test articles is located at TS 11.75.

The air supply conditioning segment of the fixture is diagrammed schematically in Figure 1a, together with the ARC UPWT air regulation system. The mass flow rate is controlled through a four-plug valve control system and a one-inch pressure regulator valve that ARC has adapted in the three-inch line of the facility's 3000 psia auxiliary air supply system.

A four-inch line from the regulation system heater feeds air into the test fixture through a two-inch nipple. The flow then passes through a sonic meter before reaching the distribution manifold. From there, it branches to four lines that terminate in choke plates where the air then enters the outer plenum chamber. Three flow conditioning screens placed in series, seven inches apart, in the inner cavity immediately below the

vent port, provide final smoothing of the air flow for the venting simulation. The first two are porous plates with 0.187-inch holes spaced 1/4-inch apart for a net open area of 51 percent. The final screen is an 80-mil wire mesh with 0.420-inch openings, yielding an open area of 71 percent.

The system will supply air up to 8.5 pounds per second to simulate the vent flow rates.

Three panels were used: two vent port TPS configurations and one dummy vent configuration. The latter was used to determine the wind tunnel environment conditions for the TPS panels.

The dummy panel is a full-scale model of vent port No. 3 and surrounding TPS covered skin surface. It represents the same section of the Orbiter as the HRSI panel (TC 13A). Foam blocks, which simulate the HRSI tiles, are bonded to an aluminum substructure and positioned to simulate tile gaps. This panel was used to determine the flow characteristics around the port without subjecting flight TPS materials to the load conditions.

The HRSI-Tiled Panel, (TC 13A), Figure 2a, is a full-scale model of mid-body vent port No. 3 and surrounding TPS covered skin surface. It represents that section of the Orbiter side delineated by stations (X_o) 743 to 787 and waterlines (Z_o) 374.97 to 395.87. The eight HRSI tiles which surround the vent port are production replicas of those on the flight

vehicle. The remaining outer panel surface is covered with polyurethane foam tiles. The lower aft HRSI tile (8) is mounted on an ARC tile balance. The panel is fabricated according to drawing VT70-093913.

During test OS50, tile eight (8) was partially lost (Figures 3c thru 3e). The eight vent edge tiles were redesigned and reinstalled per EO M-931325 for use in test OS50A.

FRSI Panel (TC 13B), Figure 3b, is a full-scale model of aft fuselage vent port No. 9 and surrounding TPS covered skin surface. It represents that section of the Orbiter side between stations 1367.70 and 1411.70, from waterlines 347.36 to 368.27. The panel is covered entirely with FRSI except that polyurethane foam is used on the outer edges. The insulation on one-half of the specimen panel was thermally exposed to conditions simulating a cycle of six missions; i.e. 740°F for 1100 seconds. The panel is fabricated according to drawing VT70-093914.

INSTRUMENTATION

The air supply system was monitored through static pressure and temperature measurements. The test panels were instrumented with static pressure taps and fluctuating pressure Kulite transducers. A single tile on the HRSI test panel was equipped with an ARC-designed tile balance which used strain gages to measure the loads on the tile. High-speed motion pictures and time-lapse photography, both time correlated, were used to record the physical condition of the TPS materials during the test.

The air supply conditioning system was instrumented to provide 13 pressure measurements: one at the flow meter, four in the plenum supply lines upstream of the choke plates, four in the plenum outer chamber, and four in the plenum inner cavity below the vent port.

The dummy panel was instrumented with 118 pressure taps of which 72 were located on the edge of the vent port. These were arranged such that at each of eight locations adjacent to the port, a group of nine taps was positioned in a plane perpendicular to the edge. Sixteen more taps were placed in pairs at eight locations in the simulated gaps. The remaining 30 taps were spaced out on the panel surface, 20 of them outside of the area that would be covered by the first row of tiles around the port. Tap locations are depicted in Figure 1b and summarized in Table III. Details of the edge and gap tap positioning scheme can also be seen in Figure 1b.

The HRSI-tiled panel was instrumented with 44 pressure taps, ten of which were located in the aluminum carrying plate on the surface that surrounds the vent port cutout. Six ports were placed in gaps between the production tiles. Eight more were subsurface taps, one under each of the HRSI tiles. The remaining 20 formed a rectangular pattern in the foam surface that surrounds the HRSI. Tap locations are shown in Figure 1c and summarized in Table IV. Details of edge, gap and subsurface taps can be viewed in drawing VT70-093913.

The FRSI panel was also instrumented with 44 pressure taps, 12 of which were located on the edge of the vent port, much like the edge taps on the HRSI panel. Four subsurface taps were located in the aluminum carrying plate under the Class II Nomex felt, close to its junction with the Class I material. Twenty-eight more taps were spaced out in the outer FRSI surface. Tap locations are shown in Figure 1d and summarized in Table V. Details of edge, gap and subsurface taps are depicted in drawing VT70-093914.

Each of the three test panels was instrumented with 12 Kulite miniature pressure transducers (model XCOH-093-15D). The locations of the instruments were identical for both the dummy and the HRSI panels. Kulite locations for the panels are shown in Figures 1b, c, and d and listed in Tables III, IV, and V.

INSTRUMENTATION (Concluded)

Model 113-0 was instrumented with seven iron-constantan thermocouples. Two were located at the flow meter, upstream of the throat. The other five were placed in the plenum inner cavity to sense the vent flow temperature. One of these was employed for heater control purposes.

The lower aft tile on the HRSI panel (tile -070, V070-394008) was instrumented with a tile balance using 14 strain gages. Their location is shown in Figure 1e. NASA/ARC supplied and installed the strain gages.

Visual resolution of any motion or break-up of the TPS materials on the HRSI and FRSI panels was provided by a high-speed (400 frames per second) movie camera. The panels were photographed at selected times during a test run.

Continuous photographic coverage of the same two panels during a test run was provided by a time-lapse camera (8 to 16 frames per second).

TEST FACILITY DESCRIPTION

The NASA/Ames Research Center is located at Moffett Field, Mountain View, California. The Unitary Plan Wind Tunnel consists of three separate wind tunnel circuits all driven by one common motor.

The 11 x 11-foot leg of this facility is a variable density, closed return, continuous flow transonic wind tunnel. The tunnel can be operated at Mach numbers from 0.4 to 1.4 at total pressures to 60 inches of mercury. The test section has slotted walls to control boundary layer bleed and minimize shock reflection. Test section Mach number is controlled by wall suction and by a variable throat upstream of the test section consisting of two flexible movable walls.

TEST PROCEDURE

Maximum load conditions were determined using the dummy panel. The tunnel Mach number and total pressure were set with zero weight flow (Wa) through the vent, then Wa was stepped until the entire range had been covered. The only exception to this was the M = 1.4, q = 1140 tunnel condition, where Wa was kept at zero.

Each test panel was put through a series of runs. The first run was a Mach sweep at STS-1 limit (Figure 1f) flight conditions with zero Wa. The second run was also a Mach sweep but at STS-1 ultimate flight conditions and zero Wa. Then a group of four runs was used to cover the design limit conditions. Each Mach q condition was held for five minutes at zero Wa. Next, another Mach sweep was made at design ultimate conditions, and Wa equal to zero. After this, two more groups of design limit condition runs were made. The first used the critical Wa while the second was at Wa of zero. These runs lasted approximately 22 minutes each, just long enough to expose the panel to 100 x 4 missions.

Before and after a test run, or group of runs, with the HRSI panel a complete alcohol evaporation inspection of the coated surfaces of each Silica Reusable Surface Insulation (SRSI) tile coating (Type II, MT0501-506) was performed per MPP No. 501MT506M02 with an individual tile scale crack map record per MPT0501-506.

On HRSI tiles which did not have coating cracks, a product quality verification (PQV) pull test was performed in accordance with specification No. MT0501-529 (MPP Nos. 501MT529M01 and 502MT529M02). (PQV was performed before the first run and after the last run only.)

SRSI tile step measurements per specification No. MOT501-533 and SRSI tile gap measurements were performed per MT0501-527.

Test OS50A was run in the same manner as test OS50 with two exceptions: First, the STS-1 ultimate condition Mach sweep run was not performed, and second, no flow was used through the vent ($W_a = 0$).

DATA REDUCTION

Standard tunnel equations were used for computing all tunnel conditions.

All local static pressure data were reduced to standard pressure coefficient form, i.e., $C_p = (P_\ell - P_\infty) \times 144/q$.

Model air flow characteristics were calculated in accordance with the equations presented below:

$$Wa = C_D \, C^* \, A2 \left(\frac{P_{T_1}}{\sqrt{T_{T_1}}} \right) \left(\sqrt{\frac{g}{R}} \right)$$

$$C_D = 0.98837 - 4.5501 \times 10^{-10} (R_N) + 1.77033 \times 10^{-17} (R_N)^2$$

$$R_N = 48 \, W/\pi \, g \, \mu d^*$$

$$g\mu = 0.73094 \left[(T_{T_1})^{3/2} / (T_{T_1} + 198.6) \right] \times 10^{-6}$$

$$C^* = 0.6849 + \left[0.2572 - 0.00164 \, (T_{T_1} - 490) \right] P_{T_1} \times 10^{-4}$$

The following reference dimensions were used to reduce the tile balance data:

$B = 8.19$ in.

$\ell = 8$ in.

$S = 44.28$ in.^{2}

REFERENCES

1. "Pre-Test Information for the Vent Port TPS Loads Test OS-50 in the Ames Research Center (ARC) 11 x 11-Foot Wind Tunnel Using Model 113-0," dated June 1980.

TABLE I

TEST CONDITIONS

HRSI AND FRSI PANELS

	M	P_T, in. Hz	q, PSF
STS-1 LIMIT	.9	22.57	550
	1.10	↓	635
	1.25		665
	1.40		680
STS-1 ULTIMATE	.9	31.96	820
	1.10	↓	889
	1.25		970
	1.40		940
DESIGN LIMIT	.9	28.26	670
	1.1	27.27	765
	1.25	26.72	800
	1.4	26.73	815
DESIGN ULTIMATE	.9	38.15	940
	1.10	↓	1070
	1.25		1120
	1.40		1140

DUMMY PANEL

M	q
.9	670
1.1	765
1.1	889
1.1	1070
1.25	800
1.40	655
1.40	815
1.40	1140 * W_a=0 ONLY

TABLE II

ARC 425-1-11

SRH

TEST: ϕS50 - VENT PORT

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 29 Oct 1980

DATA SET IDENTIFIER	CONFIGURATION	Wa	MACH NUMBER 0.8	0.9	1.1	1.25	1.4
RAC*01	CAL PANEL - LOW Q	A	3	5	6	9	11
2	CAL PANEL - MED Q	A			7		12
3	CAL PANEL - HI Q	A			8		13

TEST RUN NUMBERS

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

α OR β SCHEDULES

COEFFICIENTS W(A) = 0, .97, 1.10, 1.73, 3.12, 4.50, 5.60, 6.00, 7.25, 8.50, 0

IDVAR (1) IDVAR (2) NDV

* = S - Surface Pressures ~ Cp
E - Vent Edge Pressure ~ Cp
G - Gap Pressure ~ Cp
U - Sub Surface Pressure ~ Cp
P - Air Supply Pressure ~ PSIA
T - Air Supply Temp ~ °R
K - Kulite
B - Balance

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TABLE II (Continued)

ARC 425-3-11

SRH

TEST: ΦS50 VENT PORT

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 29 Oct 1980

DATA SET IDENTIFIER	CONFIGURATION	M	Time	P_T (in·Hz)		Wa
RAC*04	HRSI-STS1 LIMIT	B	ASAP	22.57	(11.05 psi)	0
5	HRSI-STS1 ULTIMATE	B	ASAP	31.96	(15.66 psi)	203
6	HRSI-DES ULTIMATE	B	ASAP	38.15	(18.69 psi)	205
						214

	Time	Wa	MACH NUMBER 0.9	1.1	1.25	1.40
RAC*07	HRSI-DESIGN LIMIT	C	0	208	209	210	211

TEST RUN NUMBERS

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

COEFFICIENTS IDVAR (1) IDVAR (2) NDV

α OR β SCHEDULES

M(B) = SWEEP ~ 0.9 → 1.4

T(C) = 1pt/min - 5 points

* = S - Surface Pressure ~ Cp
E - Vent Edge Pressure ~ Cp
G - Gap Pressure ~ Cp
U - Sub Surface Pressure ~ Cp
P - Air Supply Pressure ~ PSIA
T - Air Supply Temp ~ °R
K - Kulite
B - Balance

TABLE II (Concluded)

ARC 425-2-11

SRH

TEST: ϕS 50 VENT PORT

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 29 Oct 1980

DATA SET IDENTIFIER	CONFIGURATION	M	Time	Pt (in. Hz)	Wa	MACH NUMBER 0.9	1.1	1.25	1.40
RAC*08	FRSI - STS-1 LIMIT	B	ASAP	22.57 (11.05 psi)	0				
09	FRSI - STS-1 ULTIMATE	B	ASAP	31.96 (15.66 psi)	302				
10	FRSI - DES ULTIMATE	B	ASAP	38.15 (18.69 psi)	304				
					309				
		Time	Wa						
RAC*11	FRSI - DESIGN LIMIT	C	0			305	306	307	308
12		D	5.6			311			
13			1.73				312		
14			1.10					313	
15			1.75						314
16			0			316	317	318	319

TEST RUN NUMBERS

✱ 22

✱ First half of the recorded data from this tunnel run are presented in dataset 1AC*$$ and remaining data are presented in dataset 2AC*$$.

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

α OR β SCHEDULES: M(B) = SWEEP ~ 0.9 → 1.4; T(C) = 1pt/min ~ 5 points

COEFFICIENTS: T(D) = 1pt/min 22 points

IDVAR (1) IDVAR (2) NDV

* = S - Surface Pressures ~ Cp
E - Vent Edge Pressure ~ Cp
G - Gap Pressure ~ Cp
U - Sub Surface Pressure ~ Cp
P - Air Supply Pressure ~ PSIA
T - Air Supply Temp ~ °R
K - Kulite
B - Balance

TABLE III

DUMMY PANEL ORIFICE LOCATIONS

ORIF. NO.	TYPE	X	Y	Z	ORIF. NO.	TYPE	X	Y	Z
SURFACE STATIC PRESSURES					SURFACE STATIC PRESSURES				
001	S	5.35	OML	19.76	041	S	5.31	OML	1.33
002	S	11.04		19.73	042	S	10.99		1.32
003	S	16.71		19.72	043	S	16.69		1.34
004	S	22.39		19.74	044	S	22.39		1.34
005	S	28.07		19.74	045	S	28.05		1.33
006	S	33.74		19.77	046	S	33.74		1.32
007	S	39.47		19.74	047	S	39.43		1.33
011	S	5.31		15.15	VENT EDGE STATIC PRESSURES				
012	S	11.00		15.16					
013	S	16.68		15.11	111	E-S	22.00	0.56	15.14
014	S	22.36		15.15	112	E-S	22.00	0.56	14.89
015	S	28.06		15.15	113	E-S	22.00	0.56	14.64
016	S	33.74		15.15	114	E-S	22.00	0.56	14.339
017	S	39.43		15.14	115	E	22.00	0.36	14.19
					116	E	21.98	0.16	14.25
021	S	5.31		10.55	117	E	22.02	-0.14	14.29
027	S	39.42		10.37	118	E	22.01	-0.54	14.29
					119	E	22.02	-0.84	14.29
031	S	5.31		5.91					
032	S	11.00		5.89	131	E-S	11.52	0.56	14.30
033	S	16.68		5.87	132	E-S	11.53	0.56	14.13
034	S	22.36		5.93	133	E-S	11.53	0.56	13.95
035	S	28.06		5.89	134	E-S	11.58	0.56	13.74
036	S	33.76		5.87	135(L)	E	11.63	0.36	13.63
037	S	39.43		5.92	136	E	11.60	0.16	13.67
					137	E	11.57	-0.14	13.70
					138	E	11.57	-0.54	13.70
					139	E	11.57	-0.84	13.70

(L) = Leak

TABLE III. (Continued)

DUMMY PANEL ORIFICE LOCATIONS

ORIF. NO.	TYPE	X	Y	Z	ORIF. NO.	TYPE	X	Y	Z
VENT EDGE STATIC PRESSURES					VENT EDGE STATIC PRESSURES				
141	E-S	33.04	0.56	14.30	171	E-S	10.97	0.56	6.62
142	E-S	32.56	0.56	14.13	172	E-S	11.14	0.56	6.79
143	E-S	32.68	0.56	13.95	173	E-S	11.32	0.56	6.97
144	E-S	32.47	0.56	13.74	174	E-S	11.53	0.56	7.18
145	E	32.36	0.36	13.63	175	E	11.64	0.36	7.29
146	E	32.40	0.16	13.67	176	E	11.60	0.16	7.25
147	E	32.43	-0.14	13.70	177	E	11.57	-0.14	7.22
148	E	32.43	-0.54	13.70	178	E	11.57	-0.54	7.22
149	E	32.43	-0.84	13.70	179	E	11.57	-0.84	7.22
151	E-S	10.13	0.56	10.46	181	E-S	33.03	0.56	6.62
152	E-S	10.38	0.56	10.46	182	E-S	32.86	0.56	6.79
153	E-S	10.63	0.56	10.46	183	E-S	32.68	0.56	6.97
154(L)	E-S	10.93	0.56	10.46	184	E-S	32.47	0.56	7.18
155	E	11.08	0.36	10.46	185	E	32.36	0.36	7.29
156	E	11.02	0.16	10.46	186	E	32.40	0.16	7.25
157	E	10.98	-0.14	10.46	187	E	32.43	-0.14	7.22
158	E	10.98	-0.54	10.46	188	E	32.43	-0.54	7.22
159	E	10.98	-0.84	10.46	189	E	32.43	-0.84	7.22
161	E-S	33.87	0.56	10.46	201	E-S	22.00	0.56	5.78
162	E-S	33.62	0.56	10.46	202	E-S	22.00	0.56	6.03
163	E-S	33.37	0.56	10.46	203	E-S	22.00	0.56	6.28
164	E-S	33.07	0.56	10.46	204	E-S	22.00	0.56	6.58
165	E	32.97	0.36	10.46	205	E	22.00	0.36	6.73
166	E	32.98	0.16	10.46	206	E	22.00	0.16	6.67
167	E	33.02	-0.14	10.46	207	E	22.00	-0.14	6.63
168	E	33.02	-0.54	10.46	208	E	22.00	-0.54	6.63
169	E	33.02	-0.84	10.46	209	E	22.00	-0.84	6.63

TABLE III. (Concluded)

DUMMY PANEL ORIFICE LOCATIONS

ORIF. NO.	TYPE	X	Y	Z	ORIF. NO.	TYPE	X	Y	Z
GAP STATIC PRESSURES					KULITES				
221	G-B	15.00	0.00	16.96	321	K-S	6.00	0.55	19.03
222	G-S	15.03	0.28	16.96	323	K-S	15.50	0.55	19.03
					324	K-S	22.00	0.55	19.03
231	G-B	31.00	0.00	16.96	325	K-S	28.50	0.55	19.03
232	G-S	31.03	0.28	16.96	327	K-S	40.00	0.55	19.03
241	G-B	6.98	0.00	10.46	333	K-E	15.50	-1.00	14.29
242	G-S	6.98	0.28	10.49	334	K-E	22.00	-1.00	14.29
					335	K-E	28.50	-1.00	14.29
251	G-B	8.98	0.00	10.46					
252	G-S	8.98	0.28	10.49	341	K-S	6.00	0.55	10.46
					342	K-E	11.00	-1.00	10.46
261	G-B	36.02	0.00	10.46	346	K-E	33.00	-1.00	10.46
262	G-S	36.02	0.28	10.49	347	K-S	40.00	0.55	10.46
271	G-B	38.98	0.00	10.46					
272	G-S	38.98	0.28	10.49					
281	G-B	15.00	0.00	3.58					
282	G-S	15.03	0.28	3.58					
291	G-B	31.00	0.00	3.58					
292	G-S	31.03	0.28	3.58					

TABLE IV

HRSI PANEL ORIFICE LOCATIONS

ORIF. NO.	TYPE	X	Y	Z	ORIF. NO.	TYPE	X	Y	Z
SURFACE STATIC PRESSURES					VENT EDGE STATIC PRESSURES				
001	S	5.32	OML	19.72	107	E	15.02	-0.14	14.30
002	S	10.99	OML	19.72	127	E	31.05	-0.14	14.32
003	S	16.68	OML	19.74					
004	S	22.37	OML	19.72	147	E	32.45	-0.14	13.73
005	S	28.06	OML	19.72	157	E	11.03	-0.14	10.45
006	S	33.77	OML	19.73	167	E	33.00	-0.14	10.47
007	S	39.43	OML	19.72	177	E	11.64	-0.14	7.25
011	S	5.33	OML	15.10	197	E	15.03	-0.14	7.68
017	S	39.44	OML	15.11	217	E	30.99	-0.14	6.67
021	S	5.34	OML	10.50	GAP STATIC PRESSURES				
027	S	39.41	OML	15.11					
					221	G-B	15.02	0.00	3.95
031	S	5.33	OML	5.90	231	G-B	30.99	0.00	3.98
037	S	39.39	OML	5.89	241	G-B	7.04	0.00	10.44
					251	G-B	9.04	0.00	10.45
041	S	5.31	OML	1.30	261	G-B	36.00	0.00	10.44
042	S	11.01	OML	1.30	271	G-B	38.94	0.00	10.49
043	S	16.70	OML	1.27					
044	S	22.40	OML	1.28	SUB SURFACE STATIC PRESSURES				
045	S	28.08	OML	1.29					
046	S	33.78	OML	1.30	301	SS	10.34	0.16	15.03
047	S	39.46	OML	1.28	304	SS	35.34	0.16	14.63
					311	SS	10.34	0.16	5.73

TABLE IV. (Concluded)

HRSI PANEL ORIFICE LOCATIONS

ORIF. NO.	TYPE	X	Y	Z
		KULITES		
321	K-S	5.99	0.55	19.03
323	K-S	15.53	0.55	19.12
324	K-S	22.03	0.55	19.10
325	K-S	28.53	0.55	19.08
327	K-S	40.03	0.55	19.06
333	K-E	15.56	-1.00	14.32
334	K-E	22.00	-1.00	14.31
335	K-E	28.50	-1.00	14.30
341	K-S	6.01	0.55	10.46
342	K-E	11.00	-1.00	10.44
346	K-E	33.03	-1.00	10.42
347	K-S	39.96	0.55	10.49

TABLE V

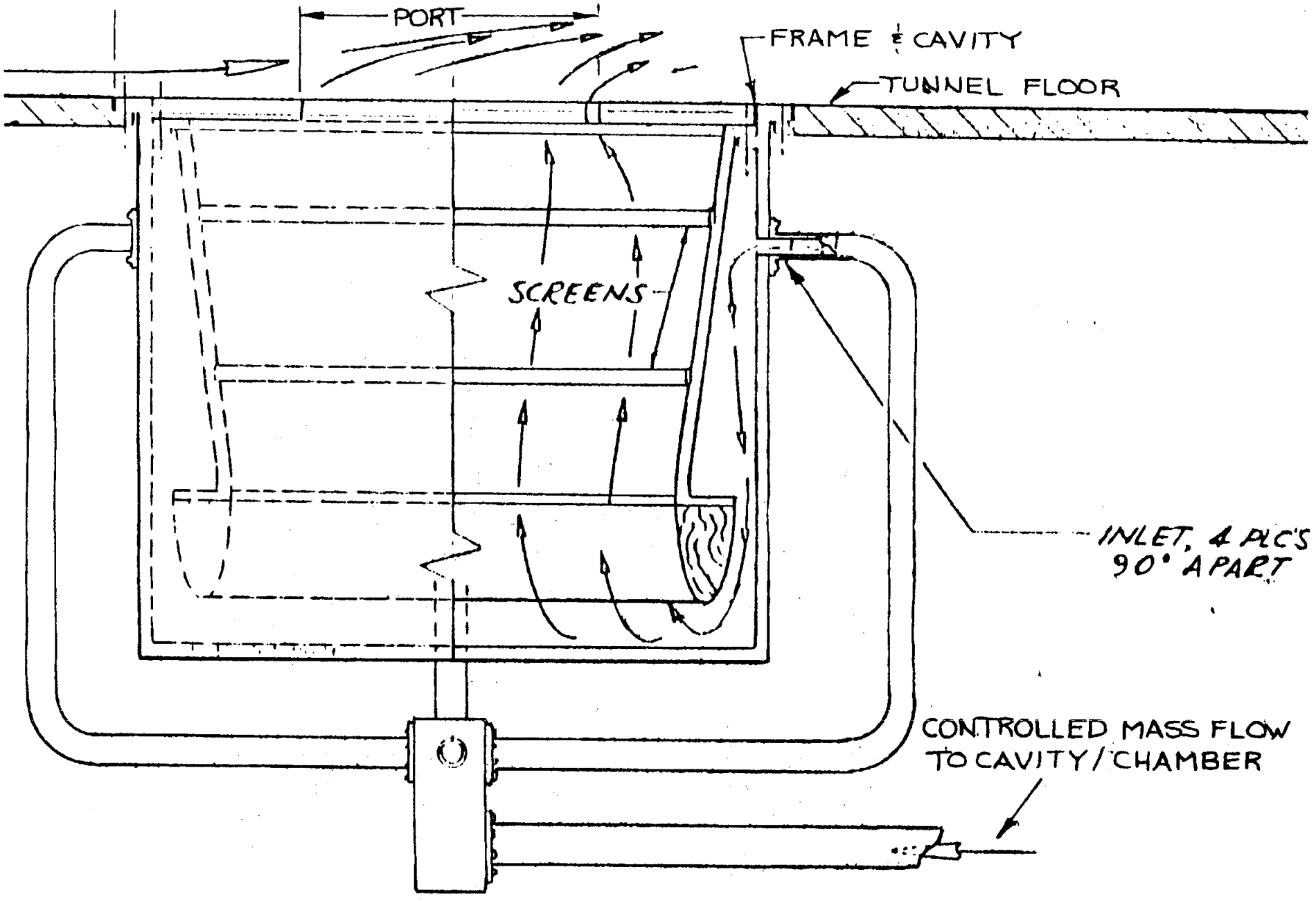
FRSI PANEL ORIFICE LOCATIONS

ORIF. NO.	TYPE	X	Y	Z
SURFACE STATIC PRESSURES				
351	S	6.00	OML	19.69
352	S	10.45	OML	19.69
353	S	19.00	OML	19.67
354	S	25.00	OML	19.69
355	S	33.55	OML	19.67
356	S	38.00	OML	19.67
363	S	19.00	OML	18.09
364	S	24.98	OML	18.12
371	S	6.00	OML	14.72
372	S	10.44	OML	14.69
375	S	33.56	OML	14.69
376	S	37.97	OML	14.67
381	S	6.00	OML	10.09
382	S	10.44	OML	10.08
385	S	33.55	OML	10.08
386	S	38.00	OML	10.06
391	S	6.00	OML	6.28
392	S	10.44	OML	6.28
395	S	33.59	OML	6.27
396	S	37.98	OML	6.25
403	S	18.98	OML	2.83
404	S	25.00	OML	2.83
SURFACE STATIC PRESSURES				
411	S	6.00	OML	1.28
412	S	10.44	OML	1.28
413	S	19.00	OML	1.30
414	S	25.00	OML	1.28
415	S	33.56	OML	1.27
416	S	38.02	OML	1.27
VENT EDGE STATIC PRESSURES				
423	E	16.02	-0.03	15.25
424	E	22.00	-0.03	15.27
425	E	27.95	-0.03	15.26
432	E	14.58	-0.03	14.65
436	E	29.50	-0.03	14.68
441	E	13.96	-0.03	10.45
447	E	29.99	-0.03	10.47
452	E	14.54	-0.03	6.25
456	E	29.40	-0.03	6.25
463	E	16.04	-0.03	5.62
464	E	22.00	-0.03	5.64
465	E	27.95	-0.03	5.63
SUBSURFACE STATIC PRESSURES				
472	SS	25.00	0.00	15.78
481	SS	13.45	0.00	10.06
483	SS	30.05	0.00	10.06
492	SS	25.00	0.00	5.14

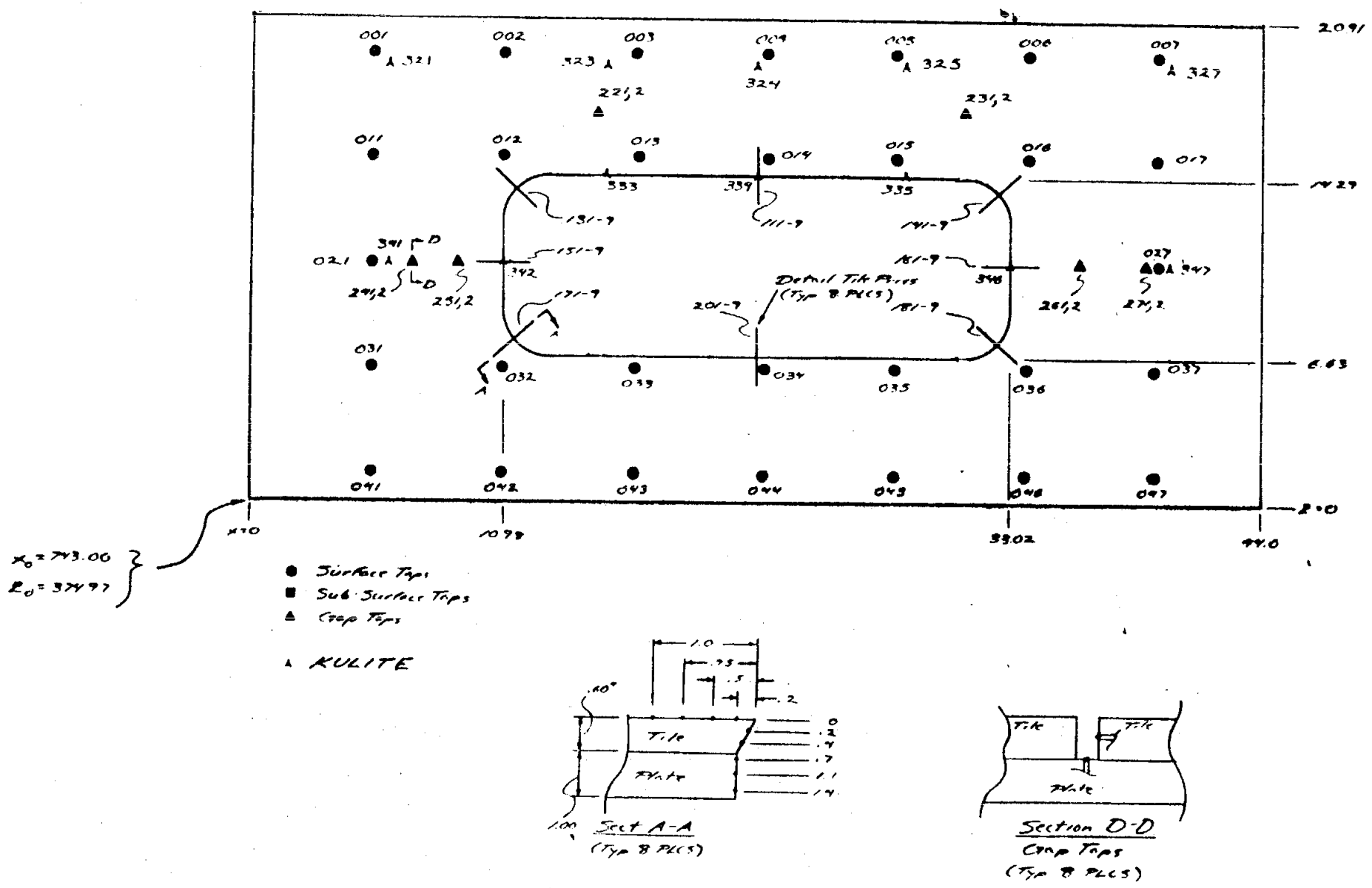
TABLE V. (Concluded)

FRSI PANEL ORIFICE LOCATIONS

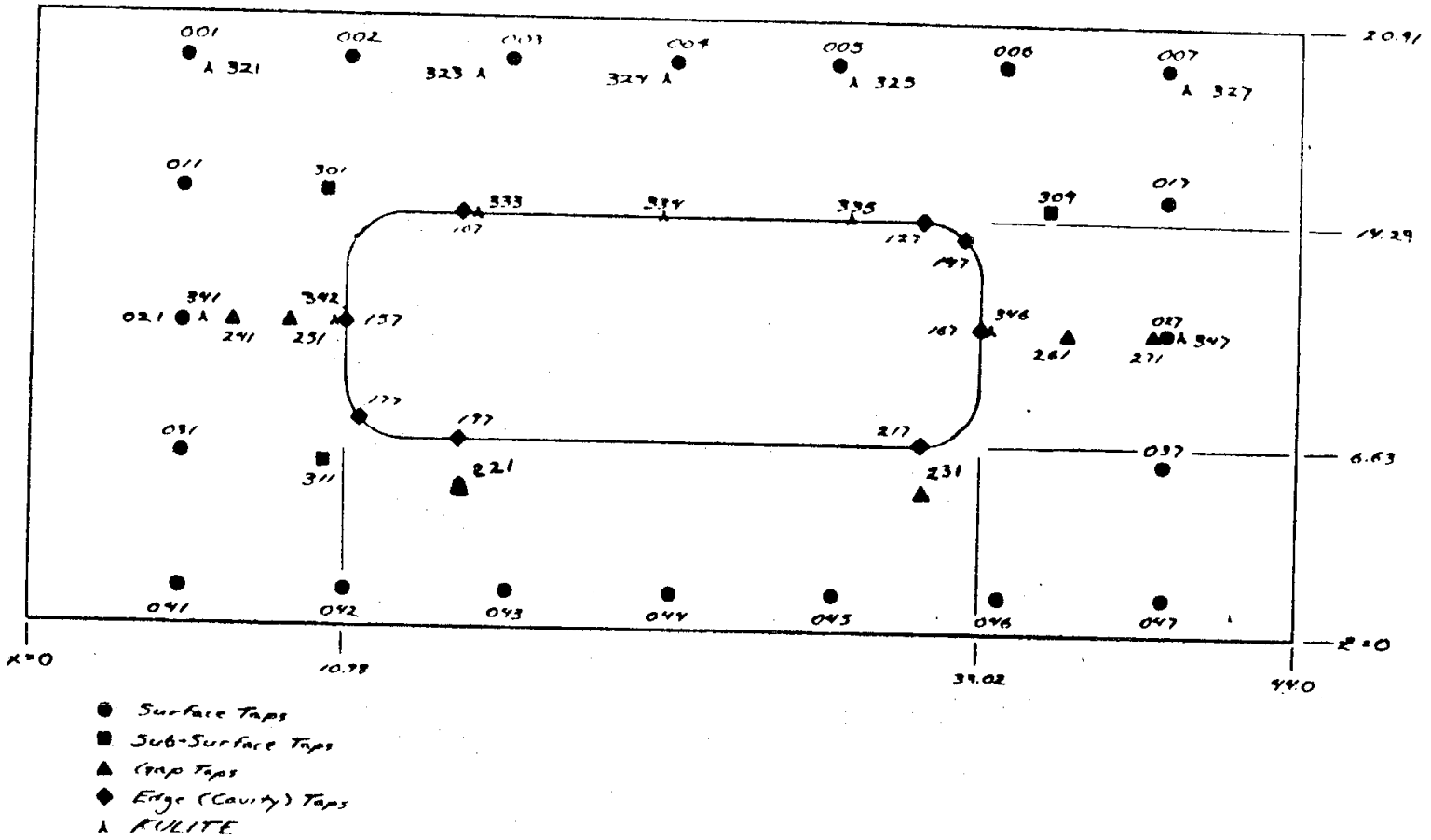
ORIF. NO.	TYPE	X	Y	Z
		KULITES		
502	K-S	10.94	OML-.01	18.36
504	K-S	19.44	OML-.01	18.38
505	K-S	24.53	OML-.01	18.38
507	K-S	33.06	OML-.01	18.31
514	K-E	19.50	IML-.50	15.17
515	K-E	24.50	IML-.50	15.14
521	K-S	5.94	OML-.01	10.81
522	K-S	10.97	OML-.01	10.87
523	K-E	13.94	OML-1.50	10.56
526	K-E	30.00	OML-1.50	10.56
527	K-S	33.03	OML-.01	10.81
528	K-S	37.97	OML-.01	10.84



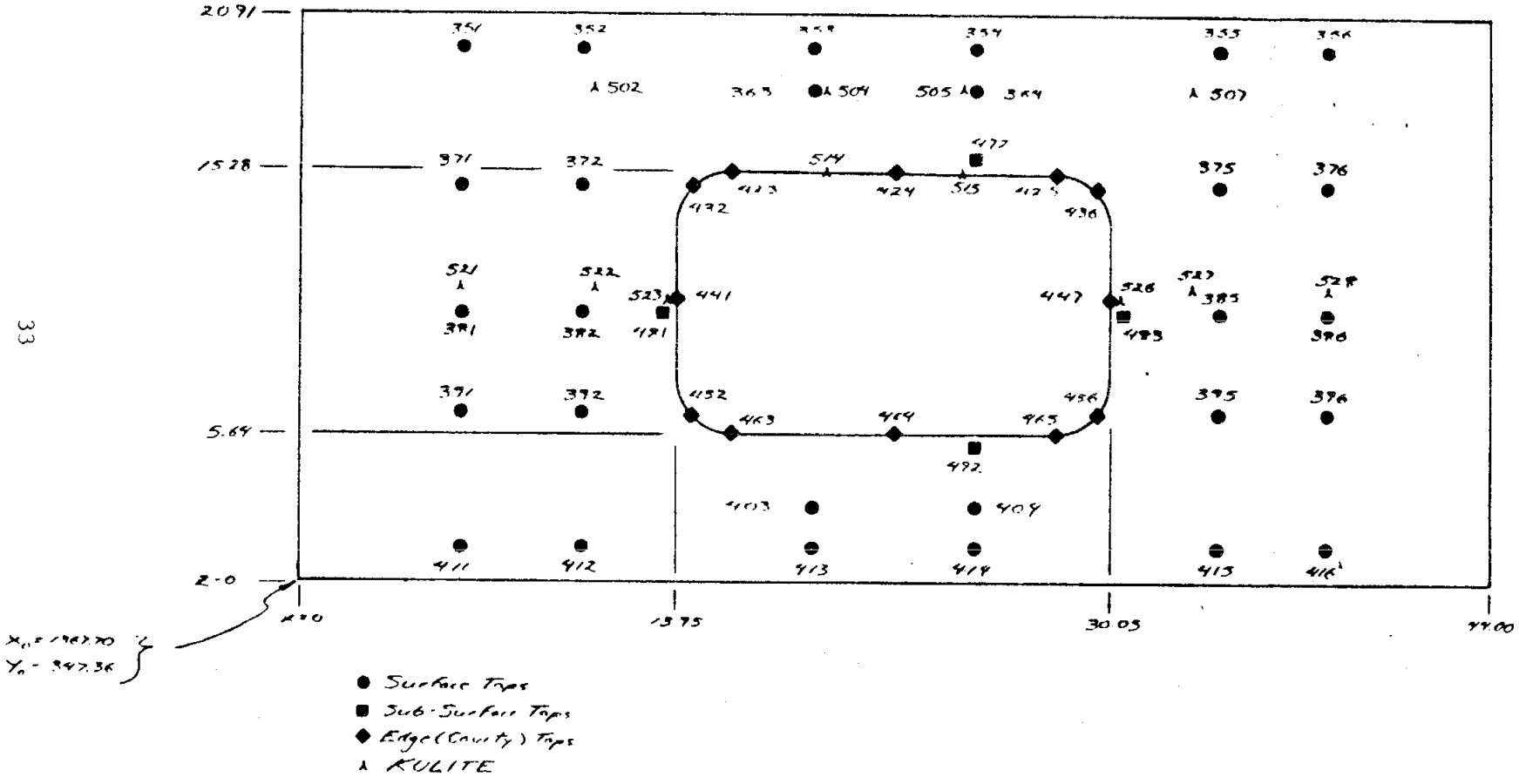
a. Air Supply Schematic
Figure 1. Model Sketches



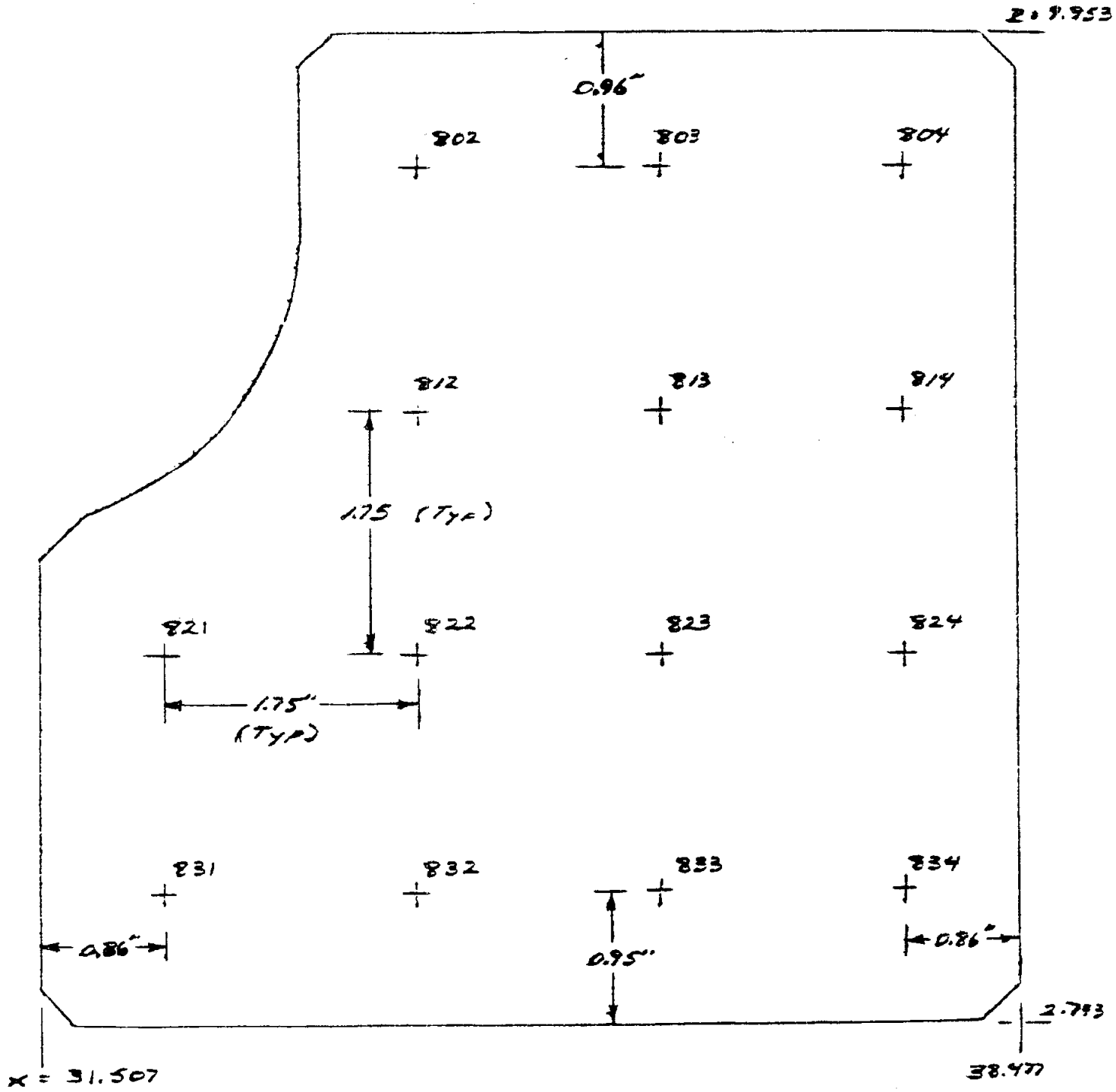
b. Dummy Panel Orifice Locations
Figure 1. Continued



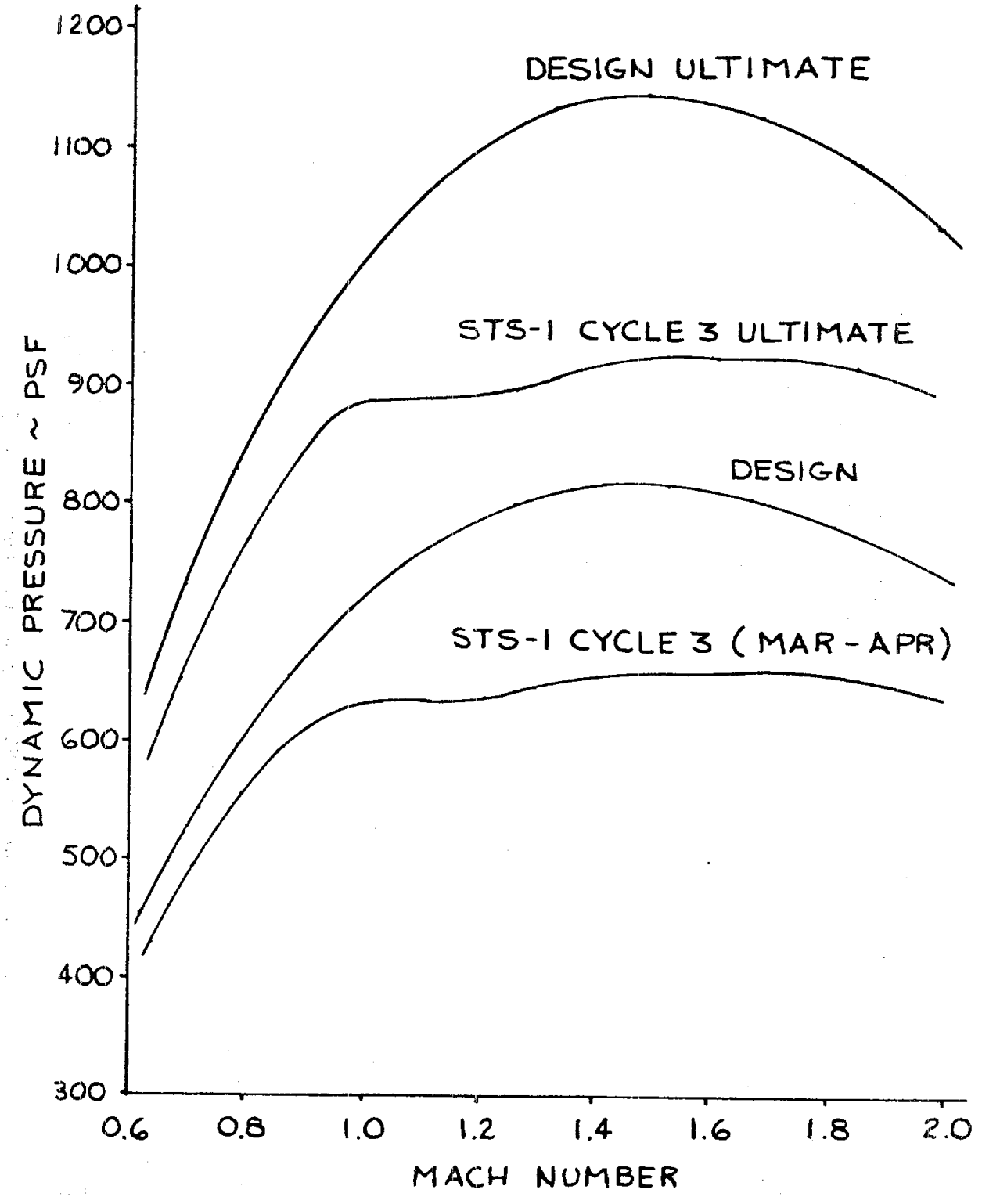
c. HRSI Panel Orifice Locations
Figure 1. Continued



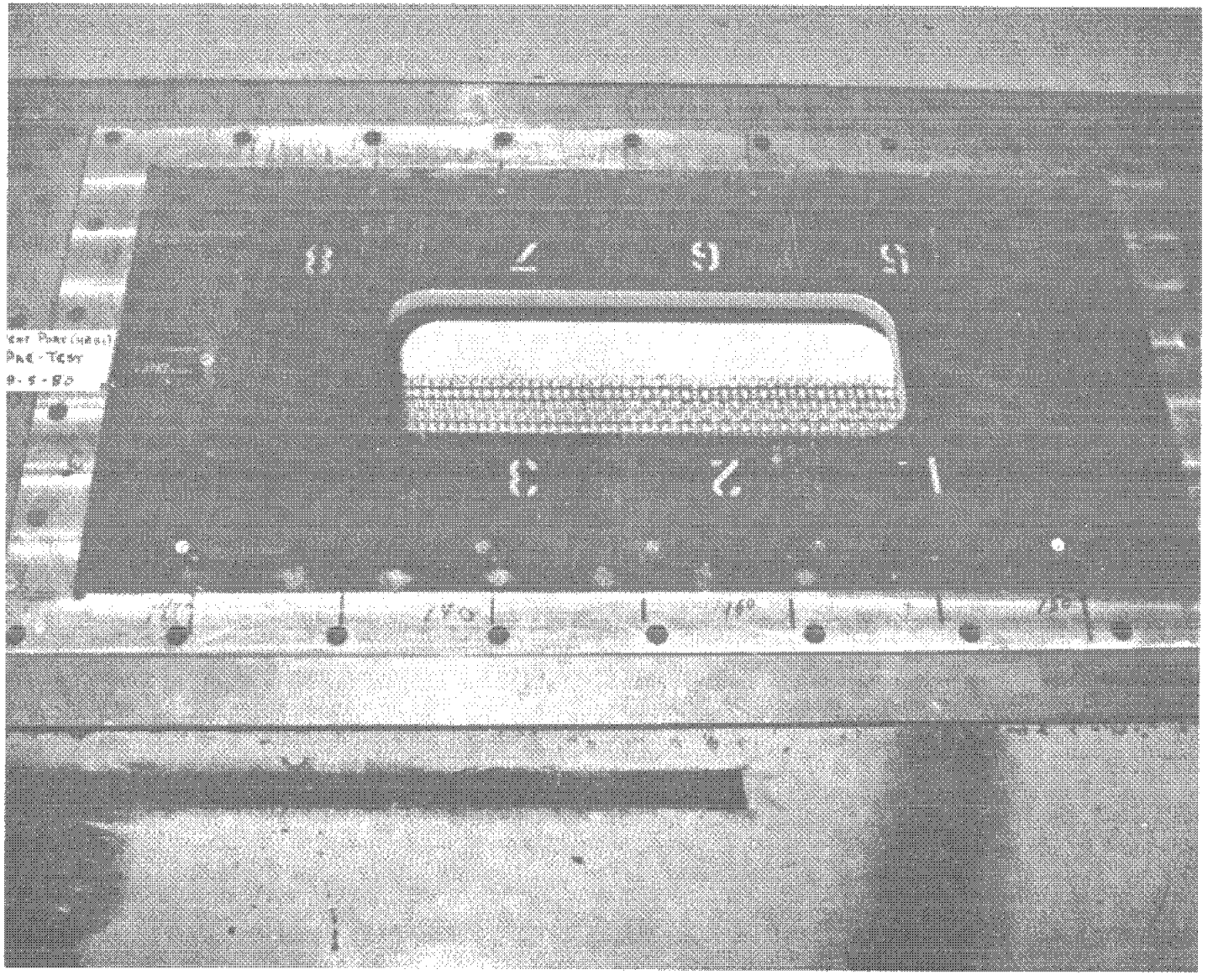
d. FRSI Panel Orifice Locations
Figure 1. Continued



e. Ames Tile Balance Details
Figure 1. Continued

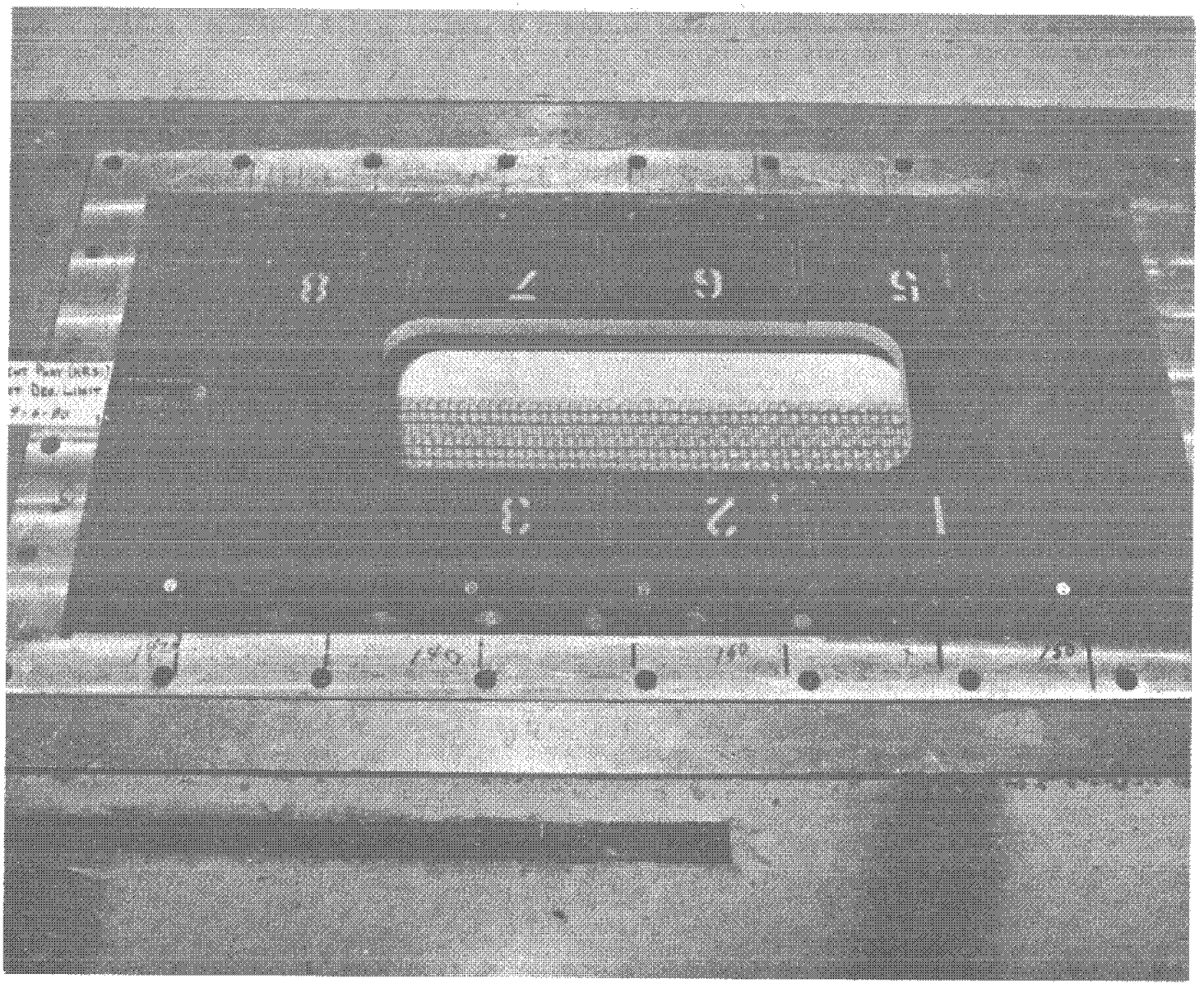


f. Orbiter Boost Trajectories
Figure 1. Concluded

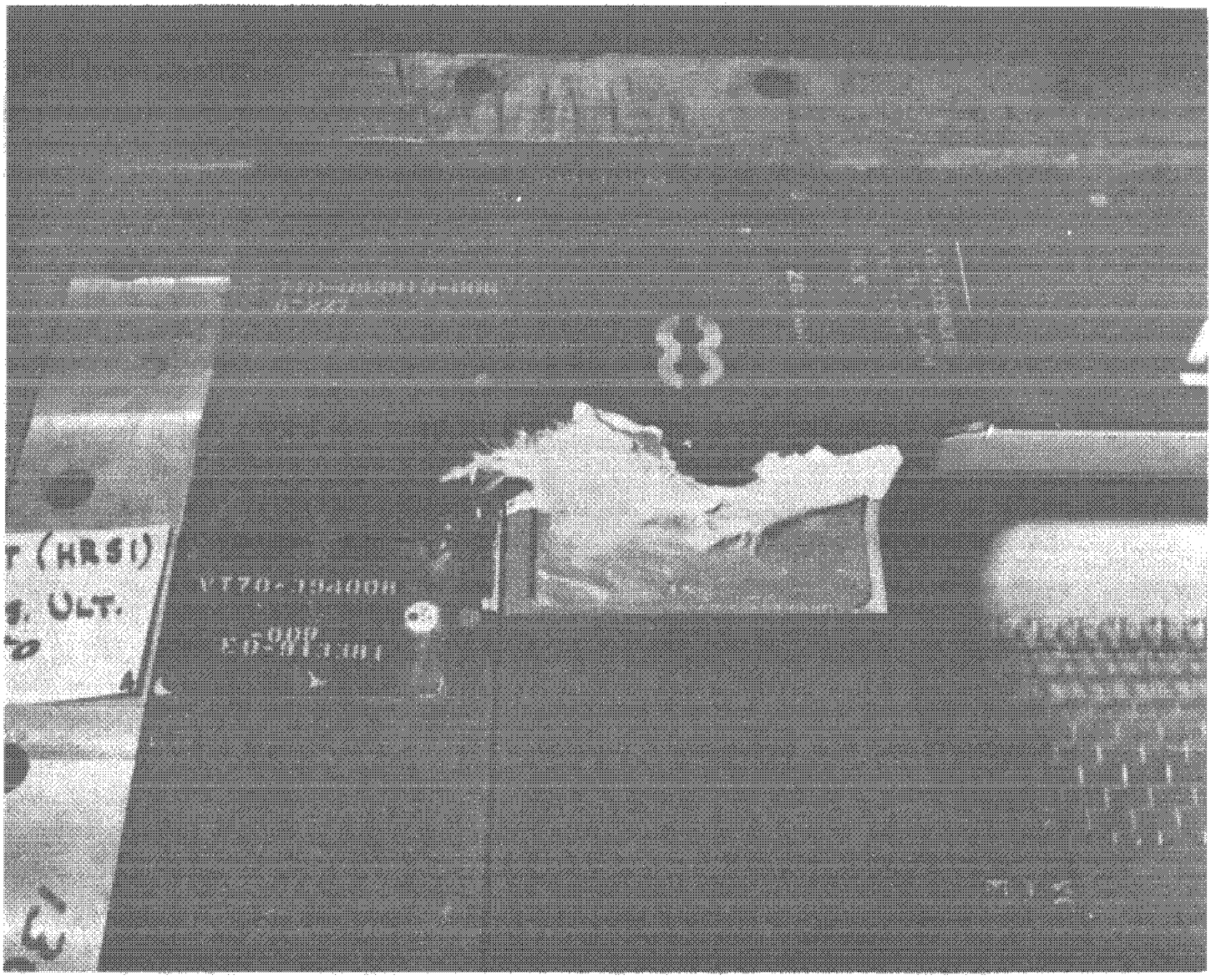


a. Vent Port 3 (HRSI) - Test Configuration 13A - General Arrangement in Test Facility

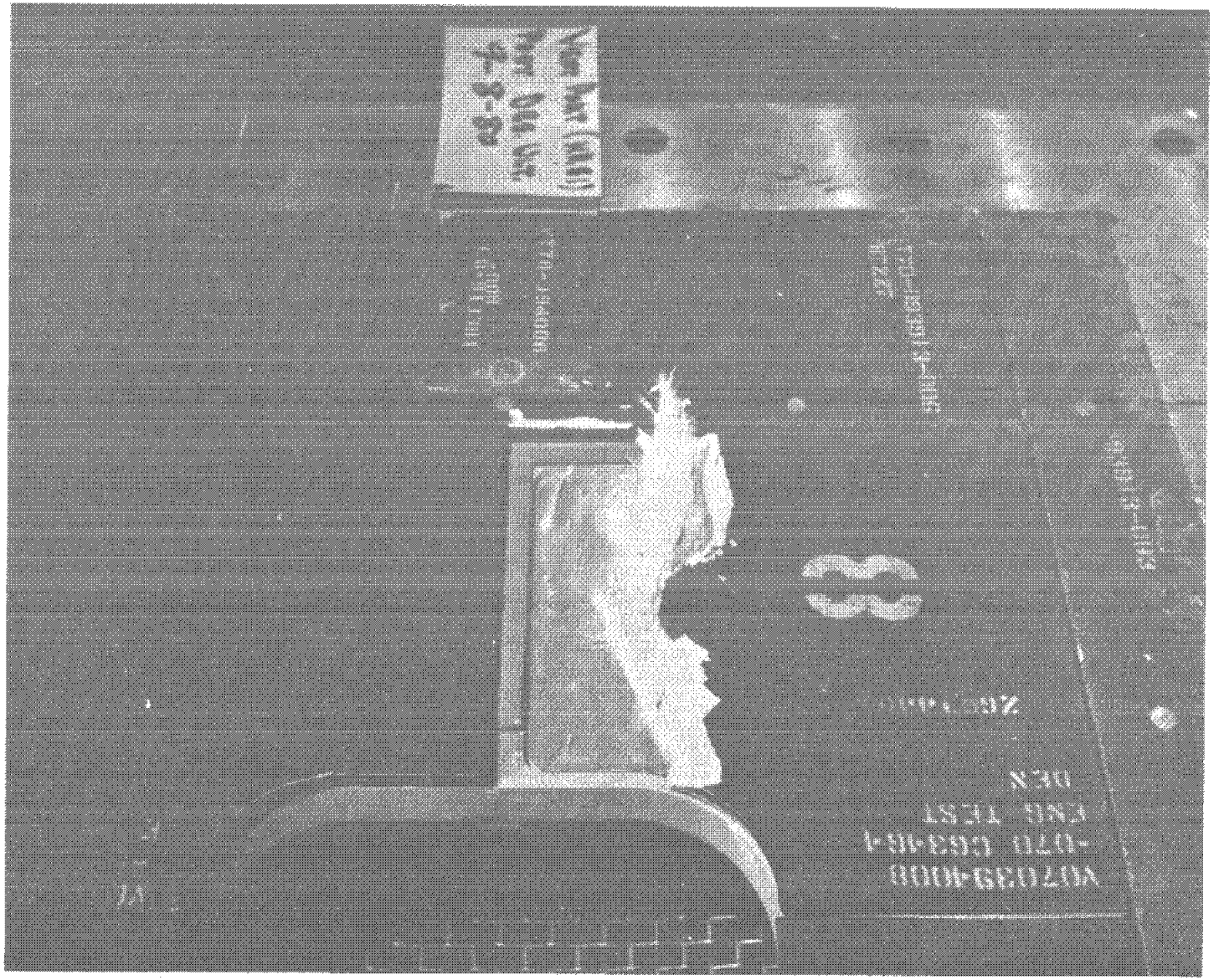
Figure 2. Model Photographs



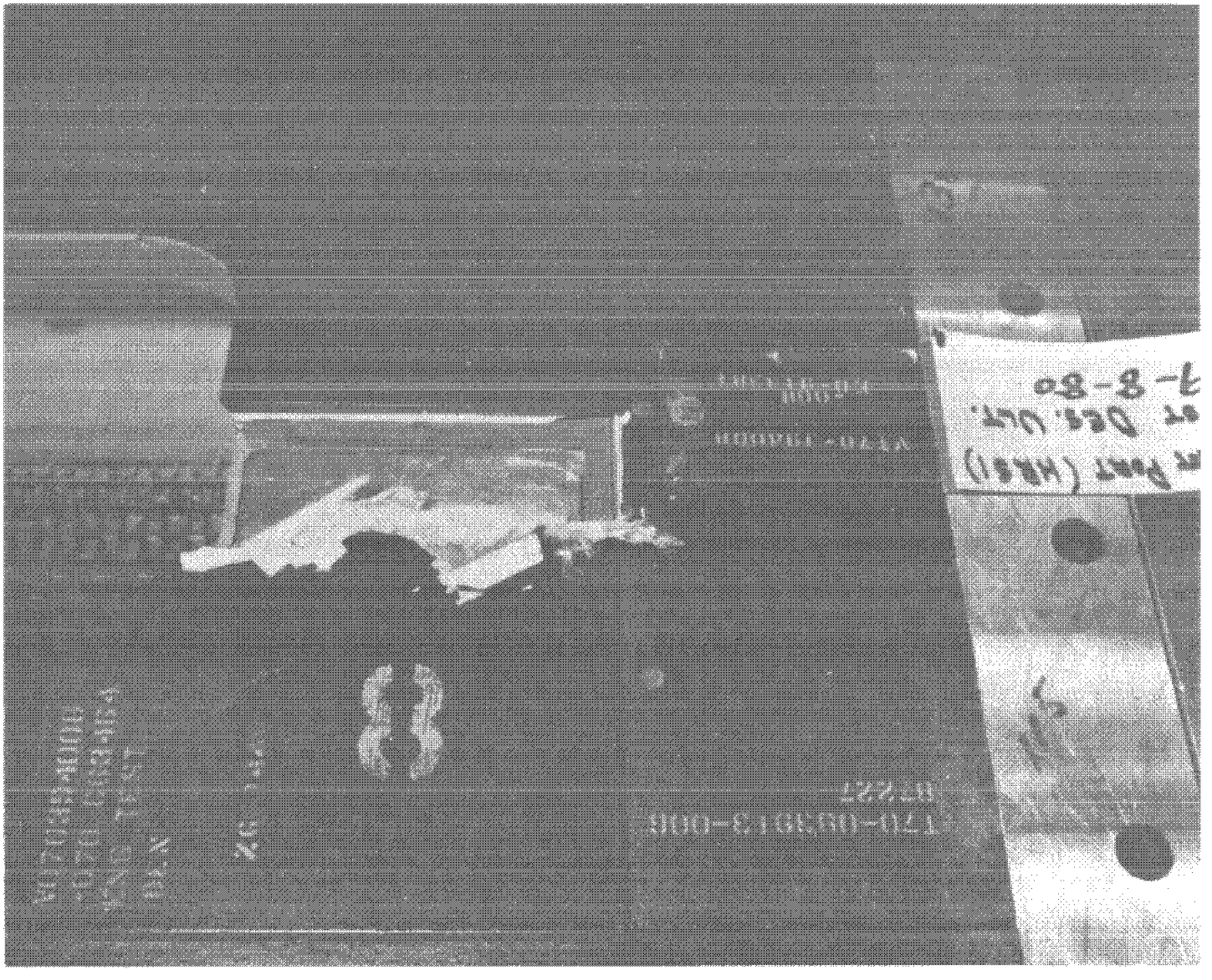
b. Vent Port 3 (HRSI) - Test Configuration 13A - Post-Design Limit Test: General Arrangement
Figure 2. Continued



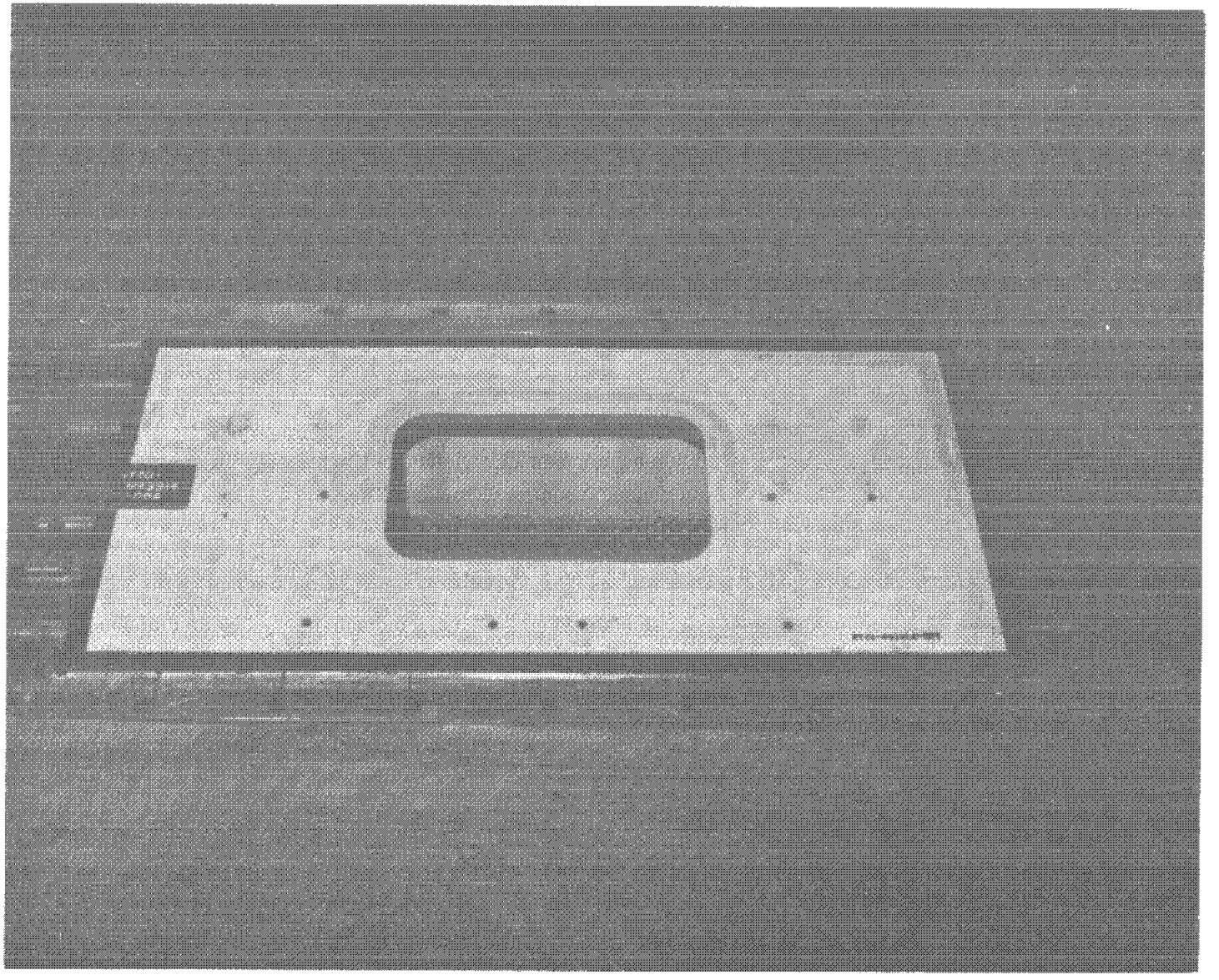
c. Vent Port 3 (HRSI) - Test Configuration 13A -
Post-Design Ultimate Test: Tile Damage
Figure 2. Continued



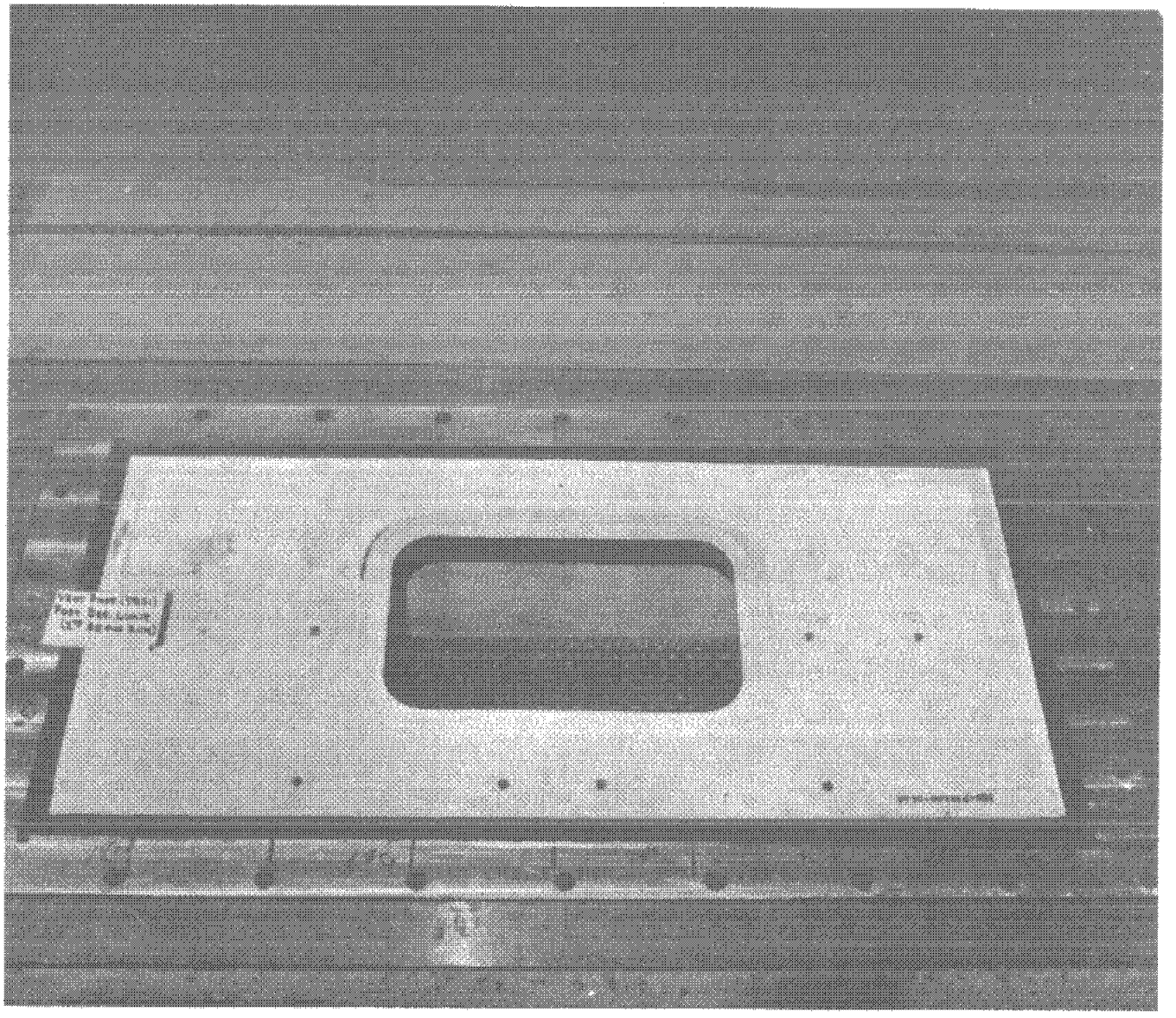
d. Vent Port 3 (HRSI) - Test Configuration 13A - Post-Design Ultimate Test: Tile Damage - Looking Downstream
Figure 2. Continued



e. Vent Port 3 (HRSI) - Test Configuration 13A -
Post-Design Ultimate Test: Tile Damage - Side View
Figure 2. Continued



f. Vent Port 9 (FRSI) - Test Configuration 13B -
General Arrangement in Test Facility
Figure 2. Continued



g. Vent Port 9 (FRSI) - Test Configuration 13B - Post-Design Limit Test: General Arrangement
Figure 2. Concluded

APPENDIX A

TABULATED DATA-FORCE FORMAT

OS50

INDEX

Panel	Type of Data	Dataset ID	Pages
Calibration	Kulite	RACK01-3	1- 5
		SACK01-3	5- 9
		TACK01-3	9-13
		UACK01-3	13-17
HRSI	Kulite	RACK04-7	17-19
		SACK04-7	20-22
		TACK04-7	23-25
		UACK04-7	26-28
HRSI	Tile Balance	SACB04-7	29-31
		TACB04-7	32-34
		UACB04-7	35-37
		VACB04-7	38-40
		WACB04-7	41-43
		XACB04-7	44-46
		YACB04-7	47-49
		ZACB04-7	50-52
		AACB04-7	53-55
		BACB04-7	56-58
FRSI	Kulite	RACK08-16	59-69
		SACK08-16	70-80
		TACK08-16	81-91
		UACK08-16	92-102

Test conditions for test OS50A were identical to those for OS50. The data for test OS50A are not presented because of this similarity.

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CALIBRATION PANEL - LOWQ KULITE DATA (RACK01) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

RUN NO. 3/ 0 RN/L = 6.33 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
.787	.104	22.11700	14.69400	917.80000	.00000	.00010	.00000	.00000	.00000	.00020
.787	.893	22.11700	14.69400	917.80000	.00140	.00160	.00200	.00190	.00120	.00810
.787	.939	22.11700	14.69400	917.80000	.00160	.00190	.00220	.00200	.00130	.00900
.782	.969	22.11700	14.76500	910.80000	.00120	.00130	.00130	.00140	.00110	.00160
.782	1.111	22.11700	14.76700	910.50000	.00160	.00200	.00230	.00210	.00130	.00910
.782	1.175	22.11700	14.76400	910.80000	.00180	.00220	.00250	.00230	.00150	.01000
.782	1.202	22.11700	14.76200	911.00000	.00190	.00230	.00260	.00250	.00150	.01050
.782	1.676	22.11700	14.76800	910.40000	.00270	.00360	.00380	.00350	.00210	.01480
.782	1.706	22.11700	14.77100	910.10000	.00280	.00380	.00400	.00370	.00220	.01560
.782	1.763	22.11700	14.76800	910.40000	.00280	.00390	.00410	.00370	.00220	.01610
.782	1.776	22.11700	14.76700	910.50000	.00280	.00390	.00400	.00370	.00220	.01600
.783	3.177	22.11700	14.75700	911.50000	.00500	.00710	.00750	.00680	.00410	.02790
.783	4.629	22.11700	14.75700	911.50000	.01010	.01320	.01460	.01310	.00840	.04020
.783	5.679	22.11700	14.75900	911.30000	.00820	.01170	.01120	.01020	.00640	.04060
.783	6.095	22.11700	14.75600	911.60000	.00860	.01180	.01180	.01100	.00560	.03910
.783	7.360	22.11700	14.76000	911.20000	.00990	.01350	.01350	.01250	.00750	.04120
.782	8.668	22.11700	14.76900	910.30000	.01070	.01490	.01510	.01400	.00830	.04300
	GRADIENT	.00000	.00371	-.37277	.00135	.00189	.00188	.00173	.00104	.00548

RUN NO. 5/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
.896	.055	13.82600	8.20600	664.80000	.03820	.11630	.10070	.07010	.13580	.32860
.902	.960	13.88500	8.19600	671.50000	.04180	.11540	.09270	.09340	.11830	.31700
.903	1.102	13.88500	8.18700	672.20000	.00000	.00000	.00000	.00000	.00000	.00000
.907	1.701	13.90500	8.15700	676.70000	.04370	.11350	.09140	.11020	.12060	.29430
.901	3.043	13.86500	8.18900	670.20000	.03850	.09410	.09020	.14600	.12110	.22570
.901	4.501	13.88000	8.20100	670.50000	.02830	.06280	.08900	.04150	.12830	.12870
.903	5.708	13.89500	8.18400	673.40000	.02160	.02520	.04110	.05670	.09030	.04510
.904	6.071	13.89500	8.18300	673.50000	.02140	.02610	.04170	.05920	.09250	.04620
.904	7.273	13.89000	8.18100	673.20000	.02290	.02660	.03910	.06380	.09320	.04850
.903	8.504	13.88000	8.18100	672.30000	.02270	.02770	.03920	.06970	.10190	.05270
	GRADIENT	.00296	-.00114	.38721	-.00144	-.00970	-.00514	-.00146	-.00008	-.03034

CALIBRATION PANEL - LOWQ KULITE DATA (RACK01) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

RUN NO. 6/ 0 RN/L = 4.05 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.104	.046	13.39400	6.23900	767.00000	.02730	.11610	.12100	.05320	.13050	.30810
1.103	.997	13.36400	6.23900	764.60000	.02590	.12970	.13580	.07550	.14650	.31550
1.103	1.049	13.37400	6.24200	765.20000	.02610	.12750	.13640	.07410	.14520	.30580
1.103	1.684	13.37900	6.24200	765.70000	.02750	.12560	.13380	.10270	.13610	.28170
1.104	3.089	13.37900	6.23400	766.10000	.02740	.10480	.11560	.11850	.12510	.19400
1.104	4.426	13.38900	6.23800	766.70000	.02960	.02860	.04140	.05590	.06520	.03930
1.103	5.505	13.36400	6.23300	764.90000	.03310	.03090	.04270	.02070	.07510	.04080
1.106	5.885	13.38900	6.22800	767.30000	.03510	.03240	.04270	.06280	.07510	.04160
1.106	7.144	13.40900	6.23000	768.80000	.04000	.03290	.04310	.02360	.08350	.04490
1.104	8.434	13.38900	6.23900	766.60000	.03910	.03480	.04550	.02480	.09680	.04980
	GRADIENT	.00196	-.00099	.21762	.00174	-.01472	-.01410	-.00719	-.00871	-.04140

RUN NO. 9/ 0 RN/L = 3.92 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.253	.042	13.10900	5.04200	797.70000	.02690	.08550	.10860	.06730	.09690	.24510
1.252	.993	13.10900	5.05000	797.40000	.02800	.11960	.14620	.08180	.13490	.27970
1.254	1.109	13.13400	5.04500	799.40000	.02640	.12110	.14830	.08510	.13560	.27510
1.256	1.725	13.15300	5.04100	800.90000	.02710	.12200	.14280	.09900	.13330	.25090
1.256	3.141	13.14300	5.03500	800.40000	.02730	.02610	.04040	.05070	.05530	.03050
1.255	4.522	13.15300	5.04200	800.30000	.02950	.02920	.04410	.02150	.06940	.03450
1.255	5.657	13.12900	5.03400	799.30000	.03080	.03310	.04660	.02520	.08160	.03780
1.255	6.076	13.13900	5.03800	799.90000	.02730	.03430	.04630	.02610	.08340	.03830
1.255	7.211	13.13400	5.03700	799.60000	.02960	.03760	.05040	.02850	.09570	.04340
1.256	8.423	13.15300	5.03900	801.00000	.02890	.04200	.05510	.02990	.11190	.04850
	GRADIENT	.00291	-.00101	.23824	.00033	-.01090	-.01268	-.00847	-.00362	-.03350

CALIBRATION PANEL - LOWQ KULITE DATA (RACK01) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

RUN NO. 11/ 0 RN/L = 3.16 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.401	.029	10.58900	3.32100	657.40000	.01780	.03550	.04820	.05340	.04460	.11060
1.416	.100	10.49100	3.22200	651.40000	.01710	.03690	.05170	.05230	.04780	.11470
1.403	1.030	10.88900	3.41000	676.10000	.02150	.08580	.10690	.07710	.10620	.18930
1.414	1.143	11.06600	3.40700	687.10000	.02370	.08510	.10470	.07880	.10610	.18380
1.401	1.729	10.70200	3.35600	664.50000	.02810	.02450	.03290	.03810	.03670	.02740
1.396	3.266	11.06100	3.49300	686.60000	.02470	.02630	.03870	.05550	.05710	.02630
1.400	4.761	10.49100	3.29700	651.30000	.02470	.02820	.04120	.07250	.06910	.03020
1.395	5.969	10.55000	3.34000	654.90000	.02050	.03430	.04830	.07990	.08410	.03590
1.398	6.036	10.51100	3.31300	652.50000	.01850	.03440	.04880	.07690	.08210	.03630
1.397	7.102	10.56000	3.33100	655.60000	.01780	.03770	.05950	.08360	.09680	.03920
1.396	8.420	10.57000	3.34000	656.20000	.01960	.04460	.07010	.09750	.11820	.05150
	GRADIENT	-.02852	-.00102	-1.78492	-.00020	-.00217	-.00146	.00412	.00492	-.01338

CALIBRATION PANEL - MEDIUM Q KULITE DATA (RACK02) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 2.000

RUN NO. 7/ 0 RN/L = 4.65 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.107	.053	15.56500	7.22700	892.70000	.02980	.13770	.14220	.06500	.15060	.35940
1.106	.981	15.57000	7.23900	892.40000	.03130	.15150	.15680	.07910	.16820	.36840
1.107	1.119	15.57500	7.23100	893.30000	.03190	.15170	.15880	.02720	.16730	.36720
1.108	1.723	15.56500	7.22100	893.00000	.03050	.15130	.15990	.10900	.16260	.34230
1.105	3.133	15.56000	7.24100	891.50000	.03340	.13870	.14480	.04810	.15190	.26930
1.106	4.502	15.55000	7.23200	891.20000	.03200	.03340	.04770	.01980	.07140	.04570
1.107	5.654	15.56500	7.22300	892.90000	.03640	.03320	.04780	.06580	.04300	.04660
1.108	6.076	15.57000	7.22200	893.40000	.03340	.03550	.04900	.02330	.08790	.04770
1.106	7.209	15.55500	7.23000	891.70000	.03630	.03750	.04940	.02550	.09120	.05120
1.108	8.415	15.57000	7.22000	893.50000	.04370	.03890	.05090	.02780	.10130	.05400
	GRADIENT	-.00062	-.00106	.00962	.00120	-.01795	-.01686	-.00575	-.01121	-.04979

CALIBRATION PANEL - MEDIUM Q KULITE DATA (RACK02) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 2.000

RUN NO. 12/ 0 RN/L = 3.81 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.401	.035	13.17300	4.13400	817.80000	.02130	.04480	.06140	.06580	.05560	.14090
1.413	.095	13.14800	4.05600	816.40000	.02110	.04840	.06630	.06980	.06080	.15030
1.410	.980	13.05000	4.04600	810.30000	.02100	.08840	.11840	.08570	.10780	.21580
1.401	1.088	13.09400	4.10600	813.00000	.02100	.09340	.12460	.08560	.11640	.21550
1.401	1.706	13.11400	4.11500	814.20000	.02140	.09050	.11910	.09380	.11730	.17510
1.397	3.222	13.18800	4.16200	818.70000	.02170	.02690	.04460	.05490	.05840	.02920
1.395	4.633	13.14800	4.16000	816.20000	.02250	.03020	.04760	.07430	.07370	.03230
1.393	5.750	13.15800	4.17800	816.80000	.02270	.03620	.05080	.08720	.08290	.03630
1.390	6.070	13.23200	4.21500	821.30000	.02280	.03790	.05250	.08990	.08340	.03780
1.387	7.397	13.12400	4.20000	914.50000	02340	.04350	.05990	.09310	.09770	.04300
1.393	8.558	13.13400	4.17100	815.20000	.02330	.04550	.06690	.09710	.11020	.04740
	GRADIENT	.00454	.01463	.24153	.00030	-.00410	-.00502	.00230	.00165	-.02016

CALIBRATION PANEL - HIGH Q KULITE DATA (RACK03) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 3.000

RUN NO. 8/ 0 RN/L = 5.50 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.109	.065	18.73800	8.67600	1076.00000	.03870	.16690	.17030	.07630	.17770	.43180
1.107	.995	18.74800	8.70600	1075.10001	.03800	.17640	.18700	.02980	.19870	.45120
1.106	1.098	18.74300	8.71700	1074.10001	.03600	.17300	.18560	.03040	.19670	.43870
1.107	1.728	18.73800	8.70400	1074.39999	.03840	.17660	.19260	.03690	.19630	.42750
1.106	3.127	18.73800	8.71000	1074.10001	.04140	.17100	.18380	.05270	.18730	.37150
1.105	4.506	18.69800	8.70800	1071.00000	.03840	.14210	.15980	.05590	.17150	.27530
1.107	5.665	18.73800	8.70000	1074.60001	.04070	.03960	.05790	.02410	.08970	.05460
1.105	6.080	18.72300	8.71700	1072.50000	.04260	.04020	.05680	.02430	.09500	.05550
1.105	7.159	18.72800	8.71200	1073.10001	.04230	.04180	.05780	.02650	.10220	.05670
1.105	8.429	18.72800	8.71400	1073.10001	.04570	.04340	.05680	.02960	.10950	.05790
	GRADIENT	-.00236	.00206	-.30602	.00084	-.02060	-.01967	-.00304	-.01401	-.06001

CALIBRATION PANEL - HIGH Q KULITE DATA (RACK03) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 3.000

RUN NO. 13/ 0 RN/L = 5.17 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.395	.044	18.38400	5.81800	1141.20000	.02910	.06440	.08420	.09090	.07480	.19860
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

CALIBRATION PANEL - LOWQ KULITE DATA (SACK01) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

RUN NO. 3/ 0 RN/L = 6.33 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
.787	.104	22.11700	14.69400	917.80000	.00000	.00000	.00000	.00000	.00010	.00010
.787	.893	22.11700	14.69400	917.80000	.00000	.00540	.00180	.00000	.00740	.00100
.787	.939	22.11700	14.69400	917.80000	.00000	.00610	.00190	.00760	.00790	.00110
.782	.969	22.11700	14.76500	910.80000	.00000	.00190	.00140	.00370	.00110	.00100
.782	1.111	22.11700	14.76700	910.50000	.00000	.00860	.00200	.00000	.00820	.00100
.782	1.175	22.11700	14.76400	910.80000	.00000	.00930	.00220	.00000	.00910	.00130
.782	1.202	22.11700	14.75200	911.00000	.00000	.00970	.00240	.00000	.00910	.00130
.782	1.676	22.11700	14.76800	910.40000	.00000	.01470	.00320	.00000	.01300	.00200
.782	1.706	22.11700	14.77100	910.10000	.00000	.01570	.00330	.00000	.01360	.00210
.782	1.763	22.11700	14.76800	910.40000	.00000	.01650	.00340	.00000	.01420	.00210
.782	1.776	22.11700	14.76700	910.50000	.00000	.01620	.00340	.00000	.01400	.00220
.783	3.177	22.11700	14.75700	911.50000	.00000	.02830	.00610	.00000	.02660	.00430
.783	4.629	22.11700	14.75700	911.50000	.00000	.04050	.01290	.00000	.03870	.00950
.783	5.679	22.11700	14.75900	911.30000	.00000	.03800	.00990	.00000	.03700	.00700
.783	6.095	22.11700	14.75600	911.60000	.00000	.03910	.00990	.00000	.03820	.00730
.783	7.360	22.11700	14.76000	911.20000	.00000	.04110	.01120	.00000	.04110	.00830
.782	8.668	22.11700	14.76900	910.30000	.00000	.04310	.01230	.00000	.04260	.00920
	GRADIENT	.00000	.00371	-.37277	.00000	.00555	.00156	-.00020	.00548	.00120

CALIBRATION PANEL - LOWQ KULITE DATA (SACK01) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

RUN NO. 5/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
.896	.055	13.82600	8.20600	664.80000	.00000	.64390	.04960	.33910	.91500	.30580
.902	.960	13.89500	8.19600	671.50000	.00000	.69040	.05360	.34740	.85460	.29910
.903	1.102	13.88500	8.18700	672.20000	.00000	.00000	.00000	.00000	.00000	.00000
.907	1.701	13.90500	8.15700	676.70000	.00000	.71850	.05750	.33860	.86160	.33100
.901	3.043	13.86500	8.18900	670.20000	.00000	.76980	.04960	.26330	.92440	.32560
.901	4.501	13.89000	8.20100	670.50000	.00000	.56750	.03300	.13160	.85810	.28410
.903	5.708	13.89500	8.18400	673.40000	.00000	.11490	.02020	.04030	.18080	.15060
.904	6.071	13.89500	8.18300	673.50000	.00000	.11130	.02010	.04140	.17500	.15150
.904	7.273	13.89000	8.18100	673.20000	.00000	.10940	.02150	.04400	.15610	.14530
.903	8.504	13.88000	8.18100	672.30000	.00000	.12450	.02220	.04790	.15920	.15500
	GRADIENT	.00296	-.00114	.38721	.00000	-.06407	-.00309	-.03436	-.07967	-.01375

RUN NO. 6/ 0 RN/L = 4.05 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.104	.046	13.39400	6.23900	767.00000	.00000	.55970	.02210	.29540	.92970	.31220
1.103	.997	13.36400	6.23900	764.60000	.00000	.61160	.02510	.29650	.92090	.34140
1.103	1.049	13.37400	6.24200	765.20000	.00000	.59550	.02590	.28380	.90860	.33900
1.103	1.684	13.37900	6.24200	765.70000	.00000	.63730	.02690	.26900	.89150	1.04720
1.104	3.089	13.37900	6.23400	766.10000	.00000	.61340	.02760	.19310	1.07000	.29900
1.104	4.426	13.38900	6.23800	766.70000	.00000	.10360	.02500	.03420	.17610	.15350
1.103	5.505	13.36400	6.23300	764.90000	.00000	.09320	.02570	.03550	.16780	.16880
1.106	5.885	13.38900	6.22800	767.30000	.00000	.09450	.02910	.03540	.16520	.17850
1.106	7.144	13.40900	6.23000	768.80000	.00000	.10470	.02910	.03960	.15290	.20940
1.104	8.434	13.38900	5.23900	766.60000	.00000	.12610	.03180	.04460	.14920	.25190
	GRADIENT	.00195	-.00099	.21762	.00000	-.07988	.00076	-.03969	-.12591	-.03947

RUN NO. 9/ 0 RN/L = 3.92 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.253	.042	13.10900	5.04200	797.70000	.00000	.42850	.02460	.22630	.77120	.23790
1.252	.993	13.10900	5.05000	797.40000	.00000	.52810	.02260	.27280	.78470	.32650
1.254	1.109	13.13400	5.04500	799.40000	.00000	.54360	.02400	.27120	.79060	1.02910
1.256	1.725	13.15300	5.04100	800.90000	.00000	.56510	.02510	.25460	.74770	1.01750
1.256	3.141	13.14300	5.03500	800.40000	.00000	.09670	.02450	.02710	.15220	.11600
1.255	4.522	13.15300	5.04200	800.90000	.00000	.08860	.02650	.00920	.14460	.15440
1.255	5.657	13.12900	5.03400	799.30000	.00000	.08720	.03530	.03310	.14940	.18310
1.255	6.076	13.13900	5.03800	799.90000	.00000	.09480	.03080	.03330	.13960	.19880
1.255	7.211	13.13400	5.03700	799.60000	.00000	.10850	.03380	.03750	.13400	.23080
1.256	8.423	13.15300	5.03900	801.00000	.00000	.12940	.04630	.04190	.12290	.31090
	GRADIENT	.00291	-.00101	.23824	.00000	-.06077	.00222	-.03333	-.09873	-.05234

CALIBRATION PANEL - LOWQ KULITE DATA (SACK01) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

RUN NO. 11/ 0 RN/L = 3.16 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.401	.029	10.58900	3.32100	657.40000	.00000	.23730	.01800	.12160	.16860	.12780
1.416	.100	10.49100	3.22200	651.40000	.00000	.23190	.01760	.12120	.46060	.12850
1.403	1.030	10.88900	3.41000	676.10000	.00000	.39580	.01850	.19100	.49400	.23400
1.414	1.143	11.06600	3.40700	687.10000	.00000	.39630	.01850	.18690	.48520	.23450
1.401	1.729	10.70200	3.35600	664.50000	.00000	.07680	.01870	.02670	.14340	.06900
1.396	3.266	11.06100	3.49300	686.60000	.00000	.07280	.01930	.02130	.11540	.09440
1.400	4.761	10.49100	3.29700	651.30000	.00000	.07680	.01940	.02470	.10840	.14670
1.395	5.969	10.55000	3.34000	654.90000	.00000	.09820	.02240	.02890	.10970	.20380
1.398	6.036	10.51100	3.31300	652.50000	.00000	.09770	.02400	.02940	.10170	.21690
1.397	7.102	10.56000	3.33100	555.60000	.00000	.09150	.03380	.03100	.07880	.27310
1.396	8.420	10.57000	3.34000	656.20000	.00000	.12530	.06640	.03810	.08640	.29210
	GRADIENT	-.02852	-.00102	-1.78492	.00000	-.02600	.00349	-.01566	-.04076	.01455

CALIBRATION PANEL - MEDIUM Q KULITE DATA (SACK02) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 2.000

RUN NO. 7/ 0 RN/L = 4.65 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.107	.053	15.56500	7.22700	892.70000	.00000	.65160	.02620	.34410	1.09700	.16260
1.106	.981	15.57000	7.23900	892.40000	.00000	.70950	.02860	.35110	1.07000	.39880
1.107	1.119	15.57500	7.23100	893.30000	.00000	.71790	.02860	.34500	1.07050	.39290
1.108	1.723	15.56500	7.22100	893.00000	.00000	.73760	.03010	.32430	1.05590	.39000
1.105	3.133	15.56000	7.24100	891.50000	.00000	.80140	.03200	.27080	1.23310	.37420
1.106	4.502	15.55000	7.23200	891.20000	.00000	.14380	.02860	.04110	.23500	.16640
1.107	5.654	15.56500	7.22300	892.90000	.00000	.12250	.03100	.04050	.21330	.19100
1.108	6.076	15.57000	7.22200	893.40000	.00000	.11930	.03040	.04180	.20860	1.97470
1.106	7.209	15.55500	7.23000	891.70000	.00000	.11620	.03100	.04510	.19380	.20120
1.108	8.415	15.57000	7.22000	893.50000	.00000	.12960	.03340	.04810	.18190	.24340
	GRADIENT	-.00062	-.00106	.00962	.00000	-.09496	.00052	-.04801	-.14554	.03346

CALIBRATION PANEL - MEDIUM Q KULITE DATA (SACK02) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 2.000

RUN NO. 12/ 0 RN/L = 3.81 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.401	.035	13.17300	4.13400	817.80000	.00000	.30690	.02110	.14910	.65390	.16120
1.413	.095	13.14800	4.05600	816.40000	.00000	.31120	.02120	.15790	.61760	.16970
1.410	.980	13.05000	4.04600	810.30000	.00000	.43820	.02100	.20970	.55140	.25360
1.401	1.088	13.09400	4.10600	813.00000	.00000	.44870	.02080	.21320	.56080	.26880
1.421	1.706	13.11400	4.11500	814.20000	.00000	.42830	.02110	.18080	.63170	.26170
1.397	3.222	13.18800	4.16200	818.70000	.00000	.08710	.02160	.02410	.13640	.10030
1.395	4.633	13.14800	4.16000	816.20000	.00000	.08430	.02210	.02670	.13580	.13810
1.393	5.750	13.15800	4.17800	816.80000	.00000	.08360	.02270	.02970	.13010	.17980
1.390	6.070	13.23200	4.21500	821.30000	.00000	.09980	.02360	.03010	.12790	.19500
1.387	7.397	13.12400	4.20000	914.50000	.00000	.11030	.02620	.03420	.11770	.26240
1.393	8.568	13.13400	4.17100	815.20000	.00000	.11080	.03470	.03870	.10780	.32390
	GRADIENT	.00454	.01463	.24153	.00000	-.04108	.00106	-.02187	-.07398	.00630

CALIBRATION PANEL - HIGH Q KULITE DATA (SACK03) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 3.000

RUN NO. 8/ 0 RN/L = 5.50 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.109	.065	18.73800	8.67600	1076.00000	.00000	.77930	.03080	.41650	1.21940	.16330
1.107	.995	18.74800	8.70600	1075.10001	.00000	.87960	.03330	.43610	1.24720	.47710
1.106	1.098	18.74300	8.71700	1074.10001	.00000	.84800	.03360	.42000	1.28130	.46410
1.107	1.728	18.73800	8.70400	1074.39999	.00000	.87900	.03560	.40710	1.29890	.46860
1.106	3.127	18.73800	8.71000	1074.10001	.00000	.95730	.03870	.37130	1.28180	.45760
1.105	4.506	18.69800	8.70800	1071.00000	.00000	.92020	.03940	.28090	1.54540	.41280
1.107	5.665	18.73800	8.70000	1074.60001	.00000	.16780	.03490	.04930	.27780	.21050
1.105	6.080	18.72300	8.71700	1072.50000	.00000	.15720	.03510	.04900	.26470	.19880
1.105	7.159	18.72800	8.71200	1073.10001	.00000	.14640	.03480	.05010	.24550	.23350
1.105	8.429	18.72800	8.71400	1073.10001	.00000	.14190	.03680	.05160	.23570	.25230
	GRADIENT	-.00236	.00206	-.30602	.00000	-.10791	.00041	-.05832	-.15458	-.02215

CALIBRATION PANEL - HIGH Q KULITE DATA (SACK03) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 3.000

RUN NO. 13/ 0 RN/L = 5.17 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.395	.044	18.38400	5.81800	1141.20000	.00000	.39990	.02820	.20990	.87090	.23470
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

CALIBRATION PANEL - LOWQ KULITE DATA (TACK01) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

RUN NO. 3/ 0 RN/L = 6.33 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
.787	.104	22.11700	14.69400	917.80000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
.787	.893	22.11700	14.69400	917.80000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
.787	.939	22.11700	14.69400	917.80000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	316.23000
.782	.969	22.11700	14.76500	910.80000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
.782	1.111	22.11700	14.76700	910.50000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
.782	1.175	22.11700	14.76400	910.80000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
.782	1.202	22.11700	14.76200	911.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
.782	1.676	22.11700	14.76800	910.40000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
.782	1.706	22.11700	14.77100	910.10000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
.782	1.763	22.11700	14.76800	910.40000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
.782	1.776	22.11700	14.76700	910.50000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
.783	3.177	22.11700	14.75700	911.50000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
.783	4.629	22.11700	14.75700	911.50000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
.783	5.679	22.11700	14.75900	911.30000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
.783	6.095	22.11700	14.75600	911.60000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
.783	7.360	22.11700	14.76000	911.20000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
.782	8.669	22.11700	14.76900	910.30000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
	GRADIENT	.00000	.00371	-.37277	.00000	.00000	.00000	.00000	.00000	12.26231

CALIBRATION PANEL - LOWQ KULITE DATA (TACK01) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

RUN NO. 5/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
.896	.055	13.82600	8.20600	664.80000	100.00000	100.00000	100.00000	100.00000	31.62300	31.62300
.902	.960	13.86500	8.19600	671.50000	100.00000	100.00000	100.00000	100.00000	100.00000	31.62300
.903	1.102	13.88500	8.18700	672.20000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000	1000.00000
.907	1.701	13.90500	8.15700	676.70000	100.00000	100.00000	100.00000	100.00000	31.62300	31.62300
.901	3.043	13.86500	8.18900	670.20000	100.00000	100.00000	100.00000	100.00000	31.62300	31.62300
.901	4.501	13.88000	8.20100	670.50000	100.00000	100.00000	100.00000	100.00000	31.62300	100.00000
.903	5.708	13.89500	8.18400	673.40000	316.23000	100.00000	100.00000	100.00000	31.62300	100.00000
.904	6.071	13.89500	8.18300	673.50000	316.23000	100.00000	100.00000	100.00000	31.62300	100.00000
.904	7.273	13.89000	8.18100	673.20000	100.00000	100.00000	100.00000	100.00000	31.62300	100.00000
.903	8.504	13.88000	8.18100	572.30000	316.23000	100.00000	100.00000	100.00000	31.62300	100.00000
	GRADIENT	.00296	-.00114	.38721	-8.35571	-32.29639	-32.29639	-32.29639	-37.32868	-23.66983

RUN NO. 6/ 0 RN/L = 4.05 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.104	.046	13.39400	6.23900	767.00000	100.00000	100.00000	100.00000	100.00000	31.62300	31.62300
1.103	.997	13.36400	6.23900	764.60000	316.23000	100.00000	100.00000	100.00000	31.62300	31.62300
1.103	1.049	13.37400	6.24200	765.20000	316.23000	100.00000	100.00000	100.00000	31.62300	31.62300
1.103	1.684	13.37900	6.24200	765.70000	100.00000	100.00000	100.00000	100.00000	31.62300	31.62300
1.104	3.089	13.37900	6.23400	766.10000	316.23000	100.00000	100.00000	100.00000	31.62300	31.62300
1.104	4.426	13.38900	6.23800	766.70000	316.23000	100.00000	100.00000	100.00000	100.00000	100.00000
1.103	5.505	13.36400	6.23300	764.90000	100.00000	100.00000	100.00000	100.00000	31.62300	100.00000
1.106	5.885	13.38900	6.22800	767.30000	100.00000	100.00000	100.00000	100.00000	100.00000	100.00000
1.106	7.144	13.40900	6.23000	768.80000	100.00000	100.00000	100.00000	100.00000	100.00000	100.00000
1.104	8.434	13.38900	5.23900	766.60000	100.00000	100.00000	100.00000	100.00000	100.00000	100.00000
	GRADIENT	.00196	-.00099	.21762	-16.60145	.00000	.00000	.00000	9.67696	11.21196

RUN NO. 9/ 0 RN/L = 3.92 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.253	.042	13.10900	5.04200	797.70000	316.23000	100.00000	100.00000	100.00000	100.00000	31.62300
1.252	.993	13.10900	5.05000	797.40000	316.23000	100.00000	100.00000	100.00000	31.62300	31.62300
1.254	1.109	13.13400	5.04500	799.40000	316.23000	100.00000	100.00000	100.00000	100.00000	31.62300
1.256	1.725	13.15300	5.04100	800.90000	316.23000	100.00000	100.00000	100.00000	100.00000	31.62300
1.256	3.141	13.14300	5.03500	800.40000	316.23000	100.00000	100.00000	100.00000	100.00000	316.23000
1.255	4.522	13.15300	5.04200	800.90000	316.23000	100.00000	100.00000	100.00000	100.00000	100.00000
1.255	5.657	13.12900	5.03400	799.30000	100.00000	100.00000	100.00000	100.00000	31.62300	100.00000
1.255	6.076	13.13900	5.03800	799.90000	316.23000	100.00000	100.00000	100.00000	31.62300	100.00000
1.255	7.211	13.13400	5.03700	799.60000	100.00000	100.00000	100.00000	100.00000	31.62300	100.00000
1.256	8.423	13.15300	5.03900	801.00000	316.23000	100.00000	100.00000	100.00000	31.62300	100.00000
	GRADIENT	.00291	-.00101	.23924	-14.46530	-.00000	-.00000	-.00000	-8.01050	8.38074

CALIBRATION PANEL - LOWQ KULITE DATA (TACK01) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

RUN NO. 11/ 0 RN/L = 3.16 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.401	.029	10.58900	3.32100	657.40000	316.23000	100.00000	100.00000	100.00000	100.00000	100.00000
1.416	.100	10.49100	3.22200	651.40000	316.23000	100.00000	100.00000	100.00000	100.00000	100.00000
1.403	1.030	10.86900	3.41000	676.10000	316.23000	100.00000	100.00000	100.00000	100.00000	100.00000
1.414	1.143	11.06600	3.40700	687.10000	316.23000	100.00000	100.00000	100.00000	100.00000	100.00000
1.401	1.725	10.70200	3.35600	664.50000	316.23000	316.23000	316.23000	100.00000	100.00000	316.23000
1.396	3.266	11.06100	3.49300	686.60000	316.23000	316.23000	100.00000	100.00000	100.00000	316.23000
1.400	4.761	10.49100	3.29700	651.30000	316.23000	100.00000	100.00000	31.62300	31.62300	316.23000
1.395	5.969	10.55000	3.34000	654.90000	316.23000	100.00000	100.00000	31.62300	100.00000	100.00000
1.398	6.036	10.51100	3.31300	652.50000	316.23000	100.00000	100.00000	100.00000	100.00000	100.00000
1.397	7.102	10.56000	3.33100	655.60000	316.23000	100.00000	100.00000	31.62300	100.00000	100.00000
1.396	8.420	10.57000	3.34000	656.20000	316.23000	100.00000	100.00000	31.62300	31.62300	100.00000
	GRADIENT	-.02852	-.00102	-1.78492	.00000	-5.31194	-4.50962	-9.04415	-4.56403	-2.50829

CALIBRATION PANEL - MEDIUM Q KULITE DATA (TACK02) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 2.000

RUN NO. 7/ 0 RN/L = 4.65 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.107	.053	15.56500	7.22700	892.70000	316.23000	100.00000	100.00000	100.00000	31.62300	31.62300
1.106	.981	15.57000	7.23900	892.40000	100.00000	100.00000	100.00000	100.00000	31.62300	31.62300
1.107	1.119	15.57500	7.23100	893.30000	100.00000	100.00000	100.00000	100.00000	31.62300	31.62300
1.108	1.723	15.56500	7.22100	893.00000	316.23000	100.00000	100.00000	100.00000	31.62300	31.62300
1.105	3.133	15.56000	7.24100	891.50000	100.00000	100.00000	100.00000	100.00000	31.62300	31.62300
1.106	4.502	15.55000	7.23200	891.20000	100.00000	100.00000	100.00000	100.00000	31.62300	100.00000
1.107	5.654	15.56500	7.22300	892.90000	100.00000	100.00000	100.00000	100.00000	31.62300	100.00000
1.108	6.076	15.57000	7.22200	893.40000	316.23000	100.00000	100.00000	100.00000	31.62300	100.00000
1.106	7.209	15.55500	7.23000	891.70000	100.00000	100.00000	100.00000	100.00000	31.62300	100.00000
1.108	8.415	15.57000	7.22000	893.50000	100.00000	100.00000	100.00000	100.00000	31.62300	100.00000
	GRADIENT	-.00062	-.00106	.00962	-10.84878	.00000	.00000	.00000	.00000	11.19384

CALIBRATION PANEL - MEDIUM Q KULITE DATA (TACK02) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 2.000

RUN NO. 12/ 0 RN/L = 3.81 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.401	.035	13.17300	4.13400	817.80000	316.23000	100.00000	100.00000	100.00000	100.00000	31.62300
1.413	.095	13.14800	4.05600	816.40000	316.23000	100.00000	100.00000	100.00000	100.00000	31.62300
1.410	.980	13.05000	4.04600	810.30000	316.23000	100.00000	100.00000	100.00000	100.00000	31.62300
1.401	1.088	13.09400	4.10600	813.00000	316.23000	100.00000	100.00000	100.00000	31.62300	31.62300
1.401	1.706	13.11400	4.11500	814.20000	316.23000	100.00000	100.00000	100.00000	100.00000	100.00000
1.397	3.222	13.18900	4.16200	818.70000	316.23000	100.00000	100.00000	100.00000	100.00000	316.23000
1.395	4.633	13 14800	4.16000	816.20000	316.23000	100.00000	100.00000	31.62300	100.00000	100.00000
1.393	5.750	13.15800	4.17800	816.80000	316.23000	100.00000	100.00000	31.62300	100.00000	100.00000
1.390	6.070	13.23200	4.21500	821.30000	316.23000	100.00000	100.00000	31.62300	31.62300	100.00000
1.387	7.397	13.12400	4.20000	914.50000	316.23000	100.00000	100.00000	31.62300	31.62300	100.00000
1.393	8.558	13.13400	4.17100	815.20000	316.23000	100.00000	100.00000	31.62300	100.00000	100.00000
	GRADIENT	.00454	.01463	.24153	.00000	.00000	.00000	-10.65108	-2.78339	8.11602

CALIBRATION PANEL - HIGH Q KULITE DATA (TACK03) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 3.000

RUN NO. 8/ 0 RN/L = 5.50 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.109	.065	18.73800	8.67600	1076.00000	100.00000	100.00000	100.00000	100.00000	31.62300	31.62300
1.107	.995	18.74800	8.70600	1075.10001	100.00000	31.62300	100.00000	100.00000	31.62300	31.62300
1.106	1.098	18.74300	8.71700	1074.10001	100.00000	31.62300	31.62300	100.00000	31.62300	31.62300
1.107	1.728	18.73800	8.70400	1074.39999	100.00000	31.62300	31.62300	100.00000	31.62300	31.62300
1.106	3.127	18.73800	8.71000	1074.10001	100.00000	31.62300	31.62300	100.00000	31.62300	31.62300
1.105	4.506	18.69900	8.70800	1071.00000	100.00000	31.62300	31.62300	100.00000	31.62300	31.62300
1.107	5.665	18.73800	8.70000	1074.60001	100.00000	100.00000	100.00000	100.00000	31.62300	100.00000
1.105	6.080	18.72300	8.71700	1072.50000	100.00000	100.00000	100.00000	100.00000	31.62300	100.00000
1.105	7.159	18.72800	8.71200	1073.10001	100.00000	100.00000	100.00000	100.00000	31.62300	100.00000
1.105	8.429	18.72800	8.71400	1073.10001	100.00000	100.00000	100.00000	100.00000	31.62300	100.00000
	GRADIENT	-.00236	.00206	-.30602	.00000	7.20289	4.59153	.00000	.00000	10.65453

CALIBRATION PANEL - HIGH Q KULITE DATA 'TACK03) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 3.000

RUN NO. 13/ 0 RN/L = 5.17 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.395	.044	18.38400	5.81800	1141.20000	316.23000	100.00000	100.00000	100.00000	100.00000	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

CALIBRATION PANEL - LOWQ KULITE DATA (UACK01) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

RUN NO. 3/ 0 RN/L = 6.33 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
.787	.104	22.11700	14.69400	917.80000	1000.00000	1000.00000	1000.00000	.00000	1000.00000	1000.00000
.787	.893	22.11700	14.69400	917.80000	1000.00000	316.23000	1000.00000	.00000	1000.00000	1000.00000
.787	.939	22.11700	14.69400	917.80000	1000.00000	316.23000	1000.00000	316.23000	1000.00000	1000.00000
.782	.969	22.11700	14.76500	910.80000	1000.00000	316.23000	1000.00000	316.23000	1000.00000	1000.00000
.782	1.111	22.11700	14.76700	910.50000	1000.00000	1000.00000	1000.00000	.00000	1000.00000	1000.00000
.782	1.175	22.11700	14.76400	910.80000	1000.00000	1000.00000	1000.00000	.00000	1000.00000	1000.00000
.782	1.202	22.11700	14.76200	911.00000	1000.00000	1000.00000	1000.00000	.00000	1000.00000	1000.00000
.782	1.676	22.11700	14.76800	910.40000	1000.00000	1000.00000	1000.00000	.00000	1000.00000	1000.00000
.782	1.706	22.11700	14.77100	910.10000	1000.00000	1000.00000	1000.00000	.00000	1000.00000	1000.00000
.782	1.763	22.11700	14.76800	910.40000	1000.00000	1000.00000	1000.00000	.00000	1000.00000	1000.00000
.782	1.776	22.11700	14.76700	910.50000	1000.00000	1000.00000	1000.00000	.00000	1000.00000	1000.00000
.783	3.177	22.11700	14.75700	911.50000	1000.00000	1000.00000	1000.00000	.00000	1000.00000	1000.00000
.783	4.629	22.11700	14.75700	911.50000	1000.00000	1000.00000	1000.00000	.00000	1000.00000	1000.00000
.783	5.679	22.11700	14.75900	911.30000	1000.00000	1000.00000	1000.00000	.00000	1000.00000	1000.00000
.783	6.095	22.11700	14.75600	911.60000	1000.00000	1000.00000	1000.00000	.00000	1000.00000	1000.00000
.783	7.360	22.11700	14.76000	911.20000	1000.00000	1000.00000	1000.00000	.00000	1000.00000	1000.00000
.782	8.668	22.11700	14.76900	910.30000	1000.00000	1000.00000	1000.00000	.00000	1000.00000	1000.00000
	GRADIENT	.00000	.00371	-.37277	.00000	36.88811	.00000	-11.25439	.00000	.00000

CALIBRATION PANEL - LOWQ KULITE DATA (UACK01) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

RUN NO. 5/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
.896	.055	13.82600	8.20600	664.80000	1000.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.902	.960	13.88500	8.19600	671.50000	1000.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.903	1.102	13.89500	8.18700	672.20000	1000.00000	1000.00000	1000.00000	.00000	1000.00000	1000.00000
.907	1.701	13.90500	8.15700	676.70000	1000.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.901	3.043	13.86500	8.18900	670.20000	1000.00000	10.00000	100.00000	31.62300	10.00000	10.00000
.901	4.501	13.88000	8.20100	670.50000	1000.00000	10.00000	100.00000	100.00000	10.00000	31.62300
.903	5.708	13.89500	8.18400	673.40000	1000.00000	31.62300	316.23000	100.00000	31.62300	31.62300
.904	6.071	13.89500	8.18300	673.50000	1000.00000	31.62300	316.23000	100.00000	31.62300	31.62300
.904	7.273	13.89000	8.18100	673.20000	1000.00000	31.62300	100.00000	100.00000	31.62300	31.62300
.903	8.504	13.88000	8.18100	672.30000	1000.00000	31.62300	100.00000	100.00000	31.62300	31.62300
	GRADIENT	.00296	-.00114	.38721	-.00001	-32.19153	-21.18382	12.21505	-32.19153	-34.51400

RUN NO. 6/ 0 RN/L = 4.05 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.104	.046	13.39400	6.23900	767.00000	1000.00000	10.00000	316.23000	31.62300	10.00000	31.62300
1.103	.997	13.36400	6.23900	764.60000	1000.00000	10.00000	100.00000	31.62300	10.00000	31.62300
1.103	1.049	13.37400	6.24200	765.20000	1000.00000	10.00000	100.00000	31.62300	10.00000	31.62300
1.103	1.684	13.37900	6.24200	765.70000	1000.00000	10.00000	100.00000	31.62300	10.00000	10.00000
1.104	3.089	13.37900	6.23400	766.10000	1000.00000	10.00000	100.00000	31.62300	10.00000	31.62300
1.104	4.426	13.38900	6.23800	766.70000	1000.00000	31.62300	100.00000	100.00000	31.62300	31.62300
1.103	5.505	13.36400	6.23300	764.90000	1000.00000	31.62300	100.00000	100.00000	31.62300	31.62300
1.106	5.895	13.38900	6.22800	767.30000	1000.00000	31.62300	100.00000	100.00000	31.62300	31.62300
1.106	7.144	13.40900	6.23000	768.80000	1000.00000	31.62300	100.00000	100.00000	31.62300	31.62300
1.104	8.434	13.38900	5.23900	766.60000	1000.00000	31.62300	100.00000	100.00000	31.62300	31.62300
	GRADIENT	.00196	-.00099	.21762	-.00001	3.54558	-10.92742	11.21106	3.54558	.61921

RUN NO. 9/ 0 RN/L = 3.92 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.253	.042	13.10900	5.04200	797.70000	1000.00000	10.00000	316.23000	31.62300	10.00000	31.62300
1.252	.993	13.10900	5.05000	797.40000	1000.00000	10.00000	316.23000	31.62300	10.00000	31.62300
1.254	1.109	13.13400	5.04500	799.40000	1000.00000	10.00000	316.23000	31.62300	10.00000	10.00000
1.256	1.725	13.15300	5.04100	800.90000	1000.00000	10.00000	100.00000	31.62300	10.00000	10.00000
1.256	3.141	13.14300	5.03500	800.40000	1000.00000	100.00000	316.23000	100.00000	31.62300	31.62300
1.255	4.522	13.15300	5.04200	800.90000	1000.00000	100.00000	316.23000	1000.00000	31.62300	31.62300
1.255	5.657	13.12900	5.03400	799.30000	1000.00000	31.62300	100.00000	100.00000	31.62300	31.62300
1.255	6.076	13.13900	5.03800	799.90000	1000.00000	100.00000	100.00000	100.00000	31.62300	31.62300
1.255	7.211	13.13400	5.03700	799.60000	1000.00000	31.62300	100.00000	100.00000	31.62300	10.00000
1.256	8.423	13.15300	5.03900	801.00000	1000.00000	31.62300	100.00000	100.00000	31.62300	31.62300
	GRADIENT	.00291	-.00101	.23824	-.00001	5.18393	-27.41278	17.98935	3.32353	.46189

CALIBRATION PANEL - LOWQ KULITE DATA (UACK01) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

RUN NO. 11/ 0 RN/L = 3.16 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.401	.029	10.58900	3.32100	657.40000	1000.00000	31.62300	316.23000	100.00000	316.23000	316.23000
1.416	.100	10.49100	3.22200	651.40000	1000.00000	31.62300	316.23000	100.00000	10.00000	31.62300
1.403	1.030	10.88900	3.41000	676.10000	1000.00000	31.62300	316.23000	100.00000	10.00000	31.62300
1.414	1.143	11.06600	3.40700	687.10000	1000.00000	31.62300	316.23000	100.00000	10.00000	31.62300
1.401	1.729	10.70200	3.35600	664.50000	1000.00000	100.00000	316.23000	316.23000	31.62300	31.62300
1.396	3.266	11.06100	3.49300	686.60000	1000.00000	100.00000	316.23000	316.23000	31.62300	31.62300
1.400	4.761	10.49100	3.29700	651.30000	1000.00000	100.00000	316.23000	316.23000	31.62300	31.62300
1.395	5.969	10.55000	3.34000	654.90000	1000.00000	100.00000	100.00000	316.23000	100.00000	31.62300
1.398	6.036	10.51100	3.31300	652.50000	1000.00000	100.00000	316.23000	316.23000	100.00000	31.62300
1.397	7.102	10.56000	3.33100	555.60000	1000.00000	31.62300	316.23000	316.23000	31.62300	31.62300
1.396	8.420	10.57000	3.34000	656.20000	1000.00000	31.62300	100.00000	100.00000	100.00000	10.00000
	GRADIENT	-.02852	-.00102	-1.78492	-.00000	2.87387	-17.34665	17.53829	-1.93253	-12.49569

CALIBRATION PANEL - MEDIUM Q KULITE DATA (UACK02) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 2.000

RUN NO. 7/ 0 RN/L = 4.65 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.107	.053	15.56500	7.22700	892.70000	1000.00000	10.00000	100.00000	31.62300	10.00000	316.23000
1.106	.981	15.57000	7.23900	892.40000	1000.00000	10.00000	100.00000	31.62300	10.00000	31.62300
1.107	1.119	15.57500	7.23100	893.30000	1000.00000	10.00000	100.00000	31.62300	10.00000	31.62300
1.108	1.723	15.56500	7.22100	893.00000	1000.00000	10.00000	100.00000	31.62300	10.00000	31.62300
1.105	3.133	15.56000	7.24100	891.50000	1000.00000	10.00000	100.00000	31.62300	10.00000	31.62300
1.106	4.502	15.55000	7.23200	891.20000	1000.00000	31.62300	316.23000	100.00000	31.62300	31.62300
1.107	5.654	15.56500	7.22300	892.90000	1000.00000	31.62300	100.00000	100.00000	31.62300	31.62300
1.108	6.076	15.57000	7.22200	893.40000	1000.00000	31.62300	100.00000	100.00000	31.62300	3.16230
1.106	7.209	15.55500	7.23000	891.70000	1000.00000	31.62300	100.00000	100.00000	31.62300	10.00000
1.108	8.415	15.57000	7.22000	893.50000	1000.00000	31.62300	100.00000	100.00000	31.62300	31.62300
	GRADIENT	-.00062	-.00106	.00962	-.00001	3.53985	1.75376	11.19384	3.53985	-16.14475

CALIBRATION PANEL - MEDIUM Q KULITE DATA (UACK02) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 2.000

RUN NO. 12/ 0 RN/L = 3.81 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.401	.035	13.17300	4.13400	817.80000	1000.00000	31.62300	316.23000	31.62300	10.00000	31.62300
1.413	.095	13.14800	4.05600	816.40000	1000.00000	31.62300	316.23000	31.62300	10.00000	31.62300
1.410	.980	13.05000	4.04600	810.30000	1000.00000	31.62300	316.23000	31.62300	10.00000	31.62300
1.401	1.088	13.09400	4.10600	813.00000	1000.00000	31.62300	100.00000	31.62300	10.00000	31.62300
1.401	1.706	13.11400	4.11500	814.20000	1000.00000	31.62300	316.23000	100.00000	10.00000	31.62300
1.397	3.222	13.18800	4.16200	818.70000	1000.00000	100.00000	316.23000	316.23000	31.62300	31.62300
1.395	4.633	13.14800	4.16000	816.20000	1000.00000	100.00000	316.23000	316.23000	31.62300	31.62300
1.393	5.750	13.15800	4.17800	816.80000	1000.00000	31.62300	316.23000	316.23000	31.62300	31.62300
1.390	6.070	13.23200	4.21500	821.30000	1000.00000	100.00000	316.23000	100.00000	31.62300	31.62300
1.387	7.397	13.12400	4.20000	914.50000	1000.00000	31.62300	316.23000	100.00000	31.62300	31.62300
1.393	8.558	13.13400	4.17100	815.20000	1000.00000	100.00000	316.23000	100.00000	31.62300	31.62300
	GRADIENT	.00454	.01463	.24153	-.00000	5.98063	5.84620	15.56957	3.28143	.00000

CALIBRATION PANEL - HIGH Q KULITE DATA (UACK03) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 3.000

RUN NO. 8/ 0 RN/L = 5.50 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.109	.065	18.73800	8.67600	1076.00000	1000.00000	10.00000	100.00000	31.62300	3.16230	316.23000
1.107	.995	18.74800	8.70600	1075.10001	1000.00000	10.00000	100.00000	31.62300	3.16230	31.62300
1.106	1.098	18.74300	8.71700	1074.10001	1000.00000	10.00000	100.00000	31.62300	10.00000	31.62300
1.107	1.728	18.73800	8.70400	1074.39999	1000.00000	10.00000	100.00000	31.62300	10.00000	10.00000
1.106	3.127	18.73800	8.71000	1074.10001	1000.00000	10.00000	100.00000	31.62300	10.00000	10.00000
1.105	4.506	18.69800	8.70800	1071.00000	1000.00000	10.00000	100.00000	31.62300	10.00000	10.00000
1.107	5.665	18.73800	8.70000	1074.60001	1000.00000	31.62300	100.00000	100.00000	31.62300	31.62300
1.105	6.080	18.72300	8.71700	1072.50000	1000.00000	31.62300	100.00000	100.00000	31.62300	10.00000
1.105	7.159	18.72800	8.71200	1073.10001	1000.00000	31.62300	100.00000	100.00000	31.62300	31.62300
1.105	8.429	18.72800	8.71400	1073.10001	1000.00000	31.62300	100.00000	100.00000	31.62300	31.62300
	GRADIENT	-.00236	.00206	-.30602	-.00001	3.36930	.00000	10.65453	3.97560	-14.33832

CALIBRATION PANEL - HIGH Q KULITE DATA (UACK03) (15 JAN 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 3.000

RUN NO. 13/ 0 RN/L = 5.17 GRADIENT INTERVAL = .00/ 10.00

MACH	WA	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.395	.044	18.38400	5.81800	1141.20000	1000.00000	10.00000	100.00000	31.62300	3.16230	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - STS-1 LIMIT KULITE DATA (RACK04) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 203/ 0 RN/L = 3.40 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
.033	.897	11.06100	6.56000	532.20000	.00000	.00000	.00000	.00000	.00000	.24280
.031	.923	11.21800	6.46500	555.70000	.00000	.00000	.00000	.00000	.00000	.30040
.031	.962	11.08100	6.11500	570.50000	.00000	.00000	.00000	.00000	.00000	.25910
.029	1.057	11.12000	5.49100	618.10000	.00000	.00000	.00000	.00000	.00000	.26100
.027	1.101	11.06600	5.17500	632.60000	.00000	.00000	.00000	.00000	.00000	.24750
.026	1.141	11.07600	4.92600	646.70000	.00000	.00000	.00000	.00000	.00000	.24680
.024	1.191	11.08500	4.62700	661.20000	.00000	.00000	.00000	.00000	.00000	.23590
.022	1.232	11.07600	4.37700	670.10000	.00000	.00000	.00000	.00000	.00000	.22600
.020	1.284	11.08100	4.08800	679.10000	.00000	.00000	.00000	.00000	.00000	.19430
.018	1.325	11.10000	3.87400	685.10000	.00000	.00000	.00000	.00000	.00000	.16580
.017	1.369	11.07600	3.63500	686.70000	.00000	.00000	.00000	.00000	.00000	.11910
.016	1.401	11.07100	3.47500	687.30000	.00000	.00000	.00000	.00000	.00000	.10860
	GRADIENT	-.09219	-6.22223	305.90740	.00000	.00000	.00000	.00000	.00000	-.29811

HRSI - STS-1 ULTIMATE KULITE DATA (RACK05) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 205/ 0 RN/L = 4.79 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
.051	.901	15.67800	9.26400	757.40000	.00000	.00000	.00000	.00000	.00000	.25840
.046	1.032	15.77100	8.02200	861.40000	.00000	.00000	.00000	.00000	.00000	.37740
.043	1.083	15.73700	7.52500	889.90000	.00000	.00000	.00000	.00000	.00000	.35730
.041	1.105	15.72200	7.31400	900.90000	.00000	.00000	.00000	.00000	.00000	.35460
.038	1.150	15.77600	6.93500	925.20000	.00000	.00000	.00000	.00000	.00000	.34660
.035	1.190	15.67300	6.54400	934.80000	.00000	.00000	.00000	.00000	.00000	.33540
.033	1.230	15.68900	6.22100	948.40000	.00000	.00000	.00000	.00000	.00000	.31060
.030	1.279	15.71700	5.83800	962.30000	.00000	.00000	.00000	.00000	.00000	.26650
.029	1.329	15.67300	5.43900	967.90000	.00000	.00000	.00000	.00000	.00000	.19900
.027	1.373	15.71700	5.13000	974.70000	.00000	.00000	.00000	.00000	.00000	.16160
.027	1.408	15.69700	4.88000	974.70000	.00000	.00000	.00000	.00000	.00000	.15920
	GRADIENT	-.05807	-8.61464	395.46421	.00000	.00000	.00000	.00000	.00000	-.35883

HRSI - DESIGN ULTIMATE KULITE DATA (RACK06) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 214/ 0 RN/L = 5.74 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
.071	.908	18.72800	10.97500	912.50000	.00000	.00000	.00000	.00000	.00000	.32040
.066	1.020	18.80700	9.71000	1017.30000	.00000	.00000	.00000	.00000	.00000	.45740
.059	1.099	18.66400	8.75600	1065.30000	.00000	.00000	.00000	.00000	.00000	.40510
.059	1.110	18.82600	8.70900	1081.50000	.00000	.00000	.00000	.00000	.00000	.46210
.058	1.129	18.94900	8.56100	1099.60001	.00000	.00000	.00000	.00000	.00000	.45830
.054	1.184	18.98800	7.99300	1129.80000	.00000	.00000	.00000	.00000	.00000	.42180
.050	1.244	19.05200	7.41400	1156.60001	.00000	.00000	.00000	.00000	.00000	.38760
.049	1.282	19.29300	7.13900	1181.89999	.00000	.00000	.00000	.00000	.00000	.35640
.047	1.316	19.35200	6.83500	1192.89999	.00000	.00000	.00000	.00000	.00000	.26880
.045	1.365	19.52900	6.44800	1210.39999	.00000	.00000	.00000	.00000	.00000	.21740
.045	1.395	19.67100	6.22200	1221.10001	.00000	.00000	.00000	.00000	.00000	.21690
	GRADIENT	2.04914	-9.62087	610.85853	.00000	.00000	.00000	.00000	.00000	-.39098

HRSI - DESIGN LIMIT KULITE DATA (RACK07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 208/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
.900	550.000	13.88000	8.21000	669.80000	.00000	.00000	.00000	.00000	.00000	.31240
.902	551.000	13.89000	8.19400	672.20000	.00000	.00000	.00000	.00000	.00000	.31410
.902	552.000	13.88500	8.19300	671.80000	.00000	.00000	.00000	.00000	.00000	.31480
.903	553.000	13.88500	8.18600	672.30000	.00000	.00000	.00000	.00000	.00000	.31300
.899	554.000	13.88000	8.21100	669.70000	.00000	.00000	.00000	.00000	.00000	.31240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 209/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.103	611.000	13.37900	6.24200	765.60000	.00000	.00000	.00000	.00000	.00000	.15540
1.101	612.000	13.38400	6.25900	765.10000	.00000	.00000	.00000	.00000	.00000	.15560
1.103	613.000	13.38400	6.24500	765.90000	.00000	.00000	.00000	.00000	.00000	.15550
1.101	614.000	13.37900	6.26000	764.60000	.00000	.00000	.00000	.00000	.00000	.15550
1.103	615.000	13.37900	6.24400	765.60000	.00000	.00000	.00000	.00000	.00000	.15550
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.251	624.000	13.17300	5.08100	801.10000	.00000	.00000	.00000	.00000	.00000	.24210
1.250	626.000	13.16300	5.08500	800.30000	.00000	.00000	.00000	.00000	.00000	.23940
1.251	627.000	13.16300	5.07800	800.50000	.00000	.00000	.00000	.00000	.00000	.23990
1.250	628.000	13.16300	5.08300	800.30000	.00000	.00000	.00000	.00000	.00000	.23610
1.250	630.000	13.13400	5.07000	798.60000	.00000	.00000	.00000	.00000	.00000	.23770
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 211/ 0 RN/L = 3.91 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.400	638.000	13.22700	4.15500	821.20000	.00000	.00000	.00000	.00000	.00000	.13590
1.400	639.000	13.19700	4.14700	819.40000	.00000	.00000	.00000	.00000	.00000	.13580
1.399	640.000	13.17300	4.14400	817.80000	.00000	.00000	.00000	.00000	.00000	.13120
1.400	641.000	13.14800	4.13100	816.30000	.00000	.00000	.00000	.00000	.00000	.13470
1.400	642.000	13.11400	4.12000	814.20000	.00000	.00000	.00000	.00000	.00000	.13430
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - STS-1 LIMIT KULITE DATA (SACK04) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 203/ 0 RN/L = 3.40 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
.033	.897	11.06100	6.56000	532.20000	.33630	.44690	.03800	.25350	.68830	.24600
.031	.923	11.21600	6.46500	555.70000	.83820	.96540	.03410	.28490	.98630	.57690
.031	.962	11.08100	6.11500	570.60000	.32400	.48380	.02870	.24570	.76400	.28220
.029	1.057	11.12000	5.49100	618.10000	.29250	.46450	.02300	.24560	.81250	.31620
.027	1.101	11.06600	5.17500	632.60000	.27260	.43340	.02460	.22920	.76280	.31560
.026	1.141	11.07600	4.92600	646.70000	.26770	.43160	.02450	.22830	.77030	.31530
.024	1.191	11.08500	4.62700	661.20000	.24450	.40250	.02310	.21700	.75010	.31320
.022	1.232	11.07600	4.37700	670.10000	.23090	.38360	.02150	.20910	.73450	.31010
.020	1.284	11.08100	4.08800	679.10000	.26010	.35470	.02020	.17690	.62360	.26560
.018	1.325	11.10000	3.87400	585.10000	.26970	.31780	.01980	.15210	.55480	23550
.017	1.369	11.07600	3.63500	686.70000	.26750	.24890	.01930	.12040	.48200	.20020
.016	1.401	11.07100	3.47500	687.30000	.27130	.23100	.01910	.11760	.48490	.19030
	GRADIENT	-.09219	-6.22223	305.90740	-.51111	-.80031	-.03175	-.29154	-.67042	-.33987

HRSI - STS-1 ULTIMATE KULITE DATA (SACK05) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 205/ 0 RN/L = 4.79 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
.051	.901	15.67800	9.26400	757.40000	.46030	.47970	.06130	.25010	.64430	.25400
.046	1.032	15.77100	8.02200	861.40000	.45180	.65560	.03620	.36200	1.19430	.45300
.043	1.083	15.73700	7.52500	889.90000	.43690	.61220	.03870	.33880	1.10760	.43340
.041	1.105	15.72200	7.31400	900.90000	.39910	.59470	.03620	.33410	1.10350	.45890
.038	1.150	15.77600	6.93500	925.20000	.37160	.57120	.03400	.32640	1.10580	.46260
.035	1.190	15.67300	6.54400	934.80000	.35440	.55070	.03270	.31470	1.08330	.45870
.033	1.230	15.68800	6.22100	948.40000	.34070	.50790	.03000	.29330	.99650	.43610
.030	1.279	15.71700	5.83800	962.30000	.39110	.47910	.02920	.24560	.85370	.36790
.029	1.329	15.67300	5.43900	967.90000	.39850	.37590	.02830	.19410	.73340	.31180
.027	1.373	15.71700	5.13000	974.70000	.39910	.32310	.02820	.17790	.69640	.28380
.027	1.408	15.69700	4.88000	974.70000	.40820	.31020	.02850	.17810	.73050	.27900
	GRADIENT	-.05807	-8.61464	395.46421	-.12609	-.56244	-.05263	-.30380	-.49310	-.16245

HRSI - DESIGN ULTIMATE KULITE DATA (SACK06) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 214/ 0 RN/L = 5.74 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
.071	.908	18.72800	10.97500	912.50000	.61570	.82490	.07270	.28650	.54890	.21010
.066	1.020	18.80700	9.71000	1017.30000	.55420	.81310	.04450	.44340	1.41930	.52740
.059	1.099	18.66400	8.75600	1065.30000	.47200	.73160	.04310	.39000	1.30540	.33060
.059	1.110	18.82600	8.70900	1081.50000	.50070	.77150	.03990	.44040	1.49100	.58530
.058	1.129	18.94900	8.56100	1099.60001	.49320	.76440	.04310	.43480	1.46390	.57570
.054	1.184	18.98800	7.99300	1129.80000	.44730	.70580	.04140	.39650	1.34470	.57960
.050	1.244	19.05200	7.41400	1156.60001	.41450	.64710	.03730	.36960	1.24350	.55230
.049	1.282	19.29300	7.13900	1181.89999	.48120	.64770	.03640	.33250	1.12490	.49430
.047	1.316	19.35200	6.83500	1192.89999	.49960	.52630	.03550	.25850	.95080	.41970
.045	1.365	19.52900	6.44800	1210.39999	.49900	.44650	.03510	.23260	.90050	.37680
.045	1.395	19.67100	6.22200	1221.10001	.50010	.44760	.03560	.23950	.92890	.37830
	GRADIENT	2.04914	-9.62087	610.85853	-.20009	-.85580	-.05814	-.30737	-.21668	.10872

HRSI - DESIGN LIMIT KULITE DATA (SACK07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 208/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
.900	550.000	13.88000	8.21000	669.80000	.43590	.57870	.04700	.32560	.89470	.32560
.902	551.000	13.89000	8.19400	672.20000	.43820	.58340	.04510	.32550	.90050	.33070
.902	552.000	13.88500	8.19300	671.80000	.43760	.58110	.04480	.32580	.90510	.33290
.903	553.000	13.88500	8.18600	672.30000	.43590	.57990	.04840	.32650	.89820	.32740
.899	554.000	13.88000	8.21100	669.70000	.43590	.57990	.04560	.32690	.89760	.32580
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - DESIGN LIMIT KULITE DATA (SACK07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 209/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.103	611.000	13.37900	6.24200	765.60000	.14940	.49950	.03020	.16370	.17840	.16430
1.101	612.000	13.38400	6.25900	765.10000	.14980	.49770	.03010	.16360	.17850	.16400
1.103	613.000	13.38400	6.24500	765.90000	.14950	.49770	.03020	.16360	.17850	.16410
1.101	614.000	13.37900	6.26000	764.60000	.14950	.49420	.03010	.16380	.17850	.16440
1.103	615.000	13.37900	6.24400	765.60000	.14950	.49950	.03000	.16360	.17830	.16420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.251	624.000	13.17300	5.08100	801.10000	.30740	.40380	.02460	.22400	.76000	.32890
1.250	626.000	13.16300	5.08500	800.30000	.31340	.40500	.02440	.22160	.75360	.32500
1.251	627.000	13.16300	5.07800	800.50000	.31300	.40380	.02470	.22200	.75130	.32540
1.250	628.000	13.16300	5.08300	800.30000	.31660	.40150	.02450	.21800	.73920	.32010
1.250	630.000	13.13400	5.07000	798.60000	.31260	.40320	.02440	.21950	.74610	.32210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 211/ 0 RN/L = 3.91 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.400	638.000	13.22700	4.15500	821.20000	.32860	.25820	.02360	.14840	.58530	.23270
1.400	639.000	13.19700	4.14700	819.40000	.33130	.25530	.02350	.14880	.58940	.23190
1.399	640.000	13.17300	4.14400	817.80000	.32750	.25060	.02340	.14570	.57490	.22810
1.400	641.000	13.14800	4.13100	816.30000	.33040	.25410	.02340	.14790	.58240	.23140
1.400	642.000	13.11400	4.12000	814.20000	.32570	.25360	.02320	.14700	.57840	.23030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - STS-1 LIMIT KULITE DATA (TACK04) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 203/ 0 RN/L = 3.40 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
.033	.897	11.06100	6.56000	532.20000	.00000	.00000	.00000	.00000	.00000	31.62300
.031	.923	11.21800	6.46500	555.70000	.00000	.00000	.00000	.00000	.00000	100.00000
.031	.962	11.08100	6.11500	570.50000	.00000	.00000	.00000	.00000	.00000	31.62300
.029	1.057	11.12000	5.49100	618.10000	.00000	.00000	.00000	.00000	.00000	31.62300
.027	1.101	11.06600	5.17500	632.60000	.00000	.00000	.00000	.00000	.00000	31.62300
.026	1.141	11.07600	4.92600	646.70000	.00000	.00000	.00000	.00000	.00000	31.62300
.024	1.191	11.08500	4.62700	661.20000	.00000	.00000	.00000	.00000	.00000	31.62300
.022	1.232	11.07600	4.37700	670.10000	.00000	.00000	.00000	.00000	.00000	31.62300
.020	1.284	11.08100	4.08800	679.10000	.00000	.00000	.00000	.00000	.00000	31.62300
.018	1.325	11.10000	3.87400	685.10000	.00000	.00000	.00000	.00000	.00000	31.62300
.017	1.369	11.07600	3.63500	686.70000	.00000	.00000	.00000	.00000	.00000	31.62300
.016	1.401	11.07100	3.47500	687.30000	.00000	.00000	.00000	.00000	.00000	31.62300
	GRADIENT	-.09219	-6.22223	305.90740	.00000	.00000	.00000	.00000	.00000	-48.55826

HRSI - STS-1 ULTIMATE KULITE DATA (TACK05) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 205/ 0 RN/L = 4.79 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
.051	.901	15.67800	9.26400	757.40000	.00000	.00000	.00000	.00000	.00000	31.62300
.046	1.032	15.77100	8.02200	861.40000	.00000	.00000	.00000	.00000	.00000	31.62300
.043	1.083	15.73700	7.52500	889.90000	.00000	.00000	.00000	.00000	.00000	31.62300
.041	1.105	15.72200	7.31400	900.90000	.00000	.00000	.00000	.00000	.00000	31.62300
.038	1.150	15.77600	6.93500	925.20000	.00000	.00000	.00000	.00000	.00000	31.62300
.035	1.190	15.67300	6.54400	934.80000	.00000	.00000	.00000	.00000	.00000	31.62300
.033	1.230	15.68800	6.22100	948.40000	.00000	.00000	.00000	.00000	.00000	31.62300
.030	1.279	15.71700	5.83800	962.30000	.00000	.00000	.00000	.00000	.00000	31.62300
.029	1.329	15.67300	5.43900	967.90000	.00000	.00000	.00000	.00000	.00000	31.62300
.027	1.373	15.71700	5.13000	974.70000	.00000	.00000	.00000	.00000	.00000	31.62300
.027	1.408	15.69700	4.88000	974.70000	.00000	.00000	.00000	.00000	.00000	31.62300
	GRADIENT	-.05807	-8.61464	395.46421	.00000	.00000	.00000	.00000	.00000	.00005

HRSI - DESIGN ULTIMATE KULITE DATA (TACK06) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 214/ 0 RN/L = 5.74 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
.071	.908	18.72800	10.97500	912.50000	.00000	.00000	.00000	.00000	.00000	31.62300
.066	1.020	18.80700	9.71000	1017.30000	.00000	.00000	.00000	.00000	.00000	31.62300
.059	1.099	18.66400	8.75600	1065.30000	.00000	.00000	.00000	.00000	.00000	31.62300
.059	1.110	18.82600	8.70900	1081.50000	.00000	.00000	.00000	.00000	.00000	31.62300
.058	1.129	18.94900	8.56100	1099.60001	.00000	.00000	.00000	.00000	.00000	31.62300
.054	1.184	18.98800	7.99300	1129.80000	.00000	.00000	.00000	.00000	.00000	31.62300
.050	1.244	19.05200	7.41400	1156.60001	.00000	.00000	.00000	.00000	.00000	31.62300
.049	1.282	19.29300	7.13900	1181.89999	.00000	.00000	.00000	.00000	.00000	31.62300
.047	1.316	19.35200	6.83500	1192.89999	.00000	.00000	.00000	.00000	.00000	31.62300
.045	1.365	19.52900	6.44800	1210.39999	.00000	.00000	.00000	.00000	.00000	31.62300
.045	1.395	19.67100	6.22200	1221.10001	.00000	.00000	.00000	.00000	.00000	31.62300
	GRADIENT	2.04914	-9.62087	610.85853	.00000	.00000	.00000	.00000	.00000	.00005

HRSI - DESIGN LIMIT KULITE DATA (TACK07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 208/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
.900	550.000	13.88000	8.21000	669.80000	.00000	.00000	.00000	.00000	.00000	31.62300
.902	551.000	13.89000	8.19400	672.20000	.00000	.00000	.00000	.00000	.00000	31.62300
.902	552.000	13.88500	8.19300	671.80000	.00000	.00000	.00000	.00000	.00000	31.62300
.903	553.000	13.88500	8.18600	672.30000	.00000	.00000	.00000	.00000	.00000	31.62300
.899	554.000	13.88000	8.21100	669.70000	.00000	.00000	.00000	.00000	.00000	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - DESIGN LIMIT KULITE DATA (TACK07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 209/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.103	611.000	13.37900	6.24200	765.60000	.00000	.00000	.00000	.00000	.00000	316.23000
1.101	612.000	13.38400	6.25900	765.10000	.00000	.00000	.00000	.00000	.00000	316.23000
1.103	613.000	13.38400	6.24500	765.90000	.00000	.00000	.00000	.00000	.00000	316.23000
1.101	614.000	13.37900	6.26000	764.60000	.00000	.00000	.00000	.00000	.00000	316.23000
1.103	615.000	13.37900	6.24400	765.60000	.00000	.00000	.00000	.00000	.00000	316.23000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.251	624.000	13.17300	5.08100	801.10000	.00000	.00000	.00000	.00000	.00000	31.62300
1.250	626.000	13.16300	5.08500	800.30000	.00000	.00000	.00000	.00000	.00000	31.62300
1.251	627.000	13.16300	5.07800	800.50000	.00000	.00000	.00000	.00000	.00000	31.62300
1.250	628.000	13.16300	5.08300	800.30000	.00000	.00000	.00000	.00000	.00000	31.62300
1.250	630.000	13.13400	5.07000	798.60000	.00000	.00000	.00000	.00000	.00000	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 211/ 0 RN/L = 3.91 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.400	638.000	13.22700	4.15500	821.20000	.00000	.00000	.00000	.00000	.00000	100.00000
1.400	639.000	13.19700	4.14700	819.40000	.00000	.00000	.00000	.00000	.00000	100.00000
1.399	640.000	13.17300	4.14400	817.80000	.00000	.00000	.00000	.00000	.00000	100.00000
1.400	641.000	13.14800	4.13100	816.30000	.00000	.00000	.00000	.00000	.00000	100.00000
1.400	642.000	13.11400	4.12000	814.20000	.00000	.00000	.00000	.00000	.00000	100.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - STS-1 LIMIT KULITE DATA (UACK04) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 203/ 0 RN/L = 3.40 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
.033	.897	11.06100	6.56000	532.20000	31.62300	10.00000	316.23000	31.62300	10.00000	31.62300
.031	.923	11.21800	6.46500	555.70000	31.62300	31.62300	100.00000	100.00000	31.62300	31.62300
.031	.962	11.08100	6.11500	570.50000	31.62300	31.62300	316.23000	31.62300	10.00000	31.62300
.029	1.057	11.12000	5.49100	618.10000	31.62300	31.62300	316.23000	31.62300	10.00000	31.62300
.027	1.101	11.06500	5.17500	632.60000	31.62300	31.62300	316.23000	31.62300	10.00000	31.62300
.026	1.141	11.07600	4.92600	646.70000	31.62300	31.62300	316.23000	31.62300	10.00000	31.62300
.024	1.191	11.08500	4.62700	661.20000	31.62300	31.62300	316.23000	31.62300	10.00000	31.62300
.022	1.232	11.07600	4.37700	670.10000	31.62300	31.62300	316.23000	31.62300	10.00000	31.62300
.020	1.284	11.08100	4.08800	679.10000	31.62300	31.62300	316.23000	31.62300	10.00000	31.62300
.018	1.325	11.10000	3.87400	585.10000	31.62300	31.62300	316.23000	31.62300	10.00000	31.62300
.017	1.369	11.07600	3.63500	686.70000	31.62300	31.62300	316.23000	31.62300	10.00000	31.62300
.016	1.401	11.07100	3.47500	687.30000	31.62300	31.62300	316.23000	31.62300	10.00000	31.62300
	GRADIENT	-.09219	-6.22223	305.90740	.00006	17.06257	153.55741	-48.55826	-15.35570	.00006

HRSI - STS-1 ULTIMATE KULITE DATA (UACK05) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 205/ 0 RN/L = 4.75 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
.051	.901	15.67800	9.26400	757.40000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.046	1.032	15.77100	8.02200	861.40000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.043	1.083	15.73700	7.52500	889.90000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.041	1.105	15.72200	7.31400	900.90000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.038	1.150	15.77600	6.93500	925.20000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.035	1.190	15.67300	6.54400	934.80000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.033	1.230	15.68800	6.22100	948.40000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.030	1.279	15.71700	5.83800	962.30000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.029	1.329	15.67300	5.43900	967.90000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.027	1.373	15.71700	5.13000	974.70000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.027	1.408	15.69700	4.88000	974.70000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
	GRADIENT	-.05807	-8.61464	395.46421	-.00001	-.00001	-.00014	.00005	-.00001	.00005

HRSI - DESIGN ULTIMATE KULITE DATA (UACK06) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 214/ 0 RN/L = 5.74 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
.071	.908	18.72800	10.97500	912.50000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.066	1.020	18.80700	9.71000	1017.30000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.059	1.099	18.66400	8.75600	1065.30000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.059	1.110	18.82600	8.70900	1081.50000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.058	1.129	18.94900	8.56100	1099.60001	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.054	1.184	18.98800	7.99300	1129.80000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.050	1.244	19.05200	7.41400	1156.60001	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.049	1.282	19.29300	7.13900	1181.89999	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.047	1.316	19.35200	6.83500	1192.89999	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.045	1.365	19.52900	6.44800	1210.39999	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.045	1.395	19.67100	6.22200	1221.10001	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
	GRADIENT	2.04914	-9.62087	610.85853	.00000	.00000	-.00015	.00005	.00000	.00005

HRSI - DESIGN LIMIT KULITE DATA (UACK07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 208/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
.900	550.000	13.88000	8.21000	669.80000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.902	551.000	13.89000	8.19400	672.20000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.902	552.000	13.89500	8.19300	671.80000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.903	553.000	13.88500	8.18600	672.30000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
.899	554.000	13.88000	8.21100	669.70000	10.00000	10.00000	100.00000	31.62300	10.00000	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - DESIGN LIMIT KULITE DATA (UACK07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 209/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.103	611.000	13.37900	6.24200	765.60000	316.23000	10.00000	100.00000	316.23000	316.23000	316.23000
1.101	612.000	13.38400	6.25900	765.10000	316.23000	10.00000	100.00000	316.23000	316.23000	316.23000
1.103	613.000	13.38400	6.24500	765.90000	316.23000	10.00000	100.00000	316.23000	316.23000	316.23000
1.101	614.000	13.37900	6.26000	764.60000	316.23000	10.00000	100.00000	316.23000	316.23000	316.23000
1.103	615.000	13.37900	6.24400	765.60000	316.23000	10.00000	100.00000	316.23000	316.23000	316.23000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.251	624.000	13.17300	5.08100	801.10000	31.62300	10.00000	100.00000	31.62300	10.00000	31.62300
1.250	626.000	13.16300	5.08500	800.30000	31.62300	10.00000	100.00000	31.62300	10.00000	31.62300
1.251	627.000	13.16300	5.07800	800.50000	31.62300	10.00000	100.00000	31.62300	10.00000	31.62300
1.250	628.000	13.16300	5.08300	800.30000	31.62300	10.00000	100.00000	31.62300	10.00000	31.62300
1.250	630.000	13.13400	5.07000	798.60000	31.62300	10.00000	100.00000	31.62300	10.00000	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 211/ 0 RN/L = 3.91 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.400	638.000	13.22700	4.15500	821.20000	31.62300	10.00000	100.00000	31.62300	10.00000	31.62300
1.400	639.000	13.19700	4.14700	819.40000	31.62300	10.00000	100.00000	31.62300	10.00000	31.62300
1.399	640.000	13.17300	4.14400	817.80000	31.62300	10.00000	100.00000	31.62300	10.00000	31.62300
1.400	641.000	13.14800	4.13100	816.30000	31.62300	10.00000	100.00000	31.62300	10.00000	31.62300
1.400	642.000	13.11400	4.12000	814.20000	31.62300	10.00000	100.00000	31.62300	10.00000	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - STS-1 LIMIT TILE BALANCE DATA (SACB04) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 203/ 0 RN/L = 3.40 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	RMS8	RMS9	RMS10	RMS11	RMS12	RMS13	RMS14
.033	.897	11.06100	6.56000	532.20000	.00000	.00000	.57230	.00000	.00000	.00720	.00000
.031	.923	11.21800	6.46500	555.70000	2.59290	1.48230	2.81470	2.06140	4.72480	2.69920	4.53060
.031	.962	11.08100	6.11500	570.50000	.00000	.00000	.73060	.00000	.00000	.19020	.00000
.029	1.057	11 12000	5.49100	618.10000	.00000	.00000	.94770	.00000	.00000	.34420	.00000
.027	1.101	11.06600	5.17500	632.60000	.00000	.00000	.87060	.00000	.00000	.21180	.00000
.026	1.141	11.07600	4.92600	646.70000	.00000	.00000	.86650	.00000	.00000	.21420	.00000
.024	1.191	11.08500	4.62700	661.20000	.00000	.00000	.85230	.00000	.00000	.14680	.00000
.022	1.232	11.07600	4.37700	670.10000	.00000	.00000	.80360	.00000	.00000	.10590	.00000
.020	1.284	11.08100	4.08800	679.10000	.00000	.00000	.69810	.00000	.00000	.00000	.00000
.018	1.325	11.10000	3.87400	685.10000	.00000	.00000	.64940	.00000	.00000	.00000	.00000
.017	1.369	11.07600	3.63500	686.70000	.00000	.00000	.59050	.00000	.00000	.00000	.00000
.016	1.401	11.07100	3.47500	687.30000	.00000	.00000	.67980	.00000	.00000	.00000	.00000
	GRADIENT	-.09219	-6.22223	305.90740	-1.84136	-1.05266	-1.60390	-1.46392	-3.35535	-2.14647	-3.21743

HRSI - STS-1 ULTIMATE TILE BALANCE DATA (SACB05) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 205/ 0 RN/L = 4.79 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	RMS8	RMS9	RMS10	RMS11	RMS12	RMS13	RMS14
.051	.901	15.67800	9.26400	757.40000	2.13670	1.57440	1.77640	4.07010	4.44080	1.70110	3.18990
.046	1.032	15.77100	8.02200	861.40000	3.36810	1.78310	3.28680	3.17770	4.72060	2.83440	4.48370
.043	1.083	15.73700	7.52500	899.90000	3.08040	1.61880	3.07360	2.89470	4.29640	2.53600	4.07100
.041	1.105	15.72200	7.31400	900.90000	3.61370	1.99530	3.24620	3.51500	4.41370	2.48310	4.08220
.038	1.150	15.77600	6.93500	925.20000	3.32600	1.80370	3.24010	3.16650	4.12490	2.48550	4.08770
.035	1.190	15.67300	6.54400	934.80000	3.26640	1.80020	3.19140	3.12330	3.99850	2.38690	3.87020
.033	1.230	15.68800	6.22100	948.40000	3.02780	1.84470	3.07160	3.00360	3.73670	2.21360	3.59700
.030	1.279	15.71700	5.83800	962.30000	2.76470	1.84820	2.88080	2.65530	3.05080	1.80700	3.05600
.029	1.329	15.67300	5.43900	967.90000	2.30160	1.69760	2.65750	2.20910	2.07600	1.33540	2.58200
.027	1.373	15.71700	5.13000	974.70000	1.96120	1.62910	2.74270	2.22000	1.58860	1.20790	2.62660
.027	1.408	15.69700	4.88000	974.70000	1.84900	1.62570	2.97210	2.27440	1.42610	1.19340	2.89430
	GRADIENT	-.05807	-8.61464	395.46421	-1.85451	-.03121	.67307	-3.43049	-7.05573	-2.45144	-2.74501

HRSI - DESIGN ULTIMATE TILE BALANCE DATA (SACB06) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 214/ 0 RN/L = 5.74 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	RMS8	RMS9	RMS10	RMS11	RMS12	RMS13	RMS14
.071	.908	18.72800	10.97500	912.50000	2.60530	2.05050	1.90230	4.79340	5.19200	1.76980	3.62140
.066	1.020	18.80700	9.71000	1017.30000	4.66060	2.84870	3.38500	5.03420	6.73500	2.85290	5.11260
.059	1.099	18.66400	8.75600	1065.30000	3.17290	1.94040	2.09980	3.41450	5.74560	2.21700	3.68310
.059	1.110	18.82600	8.70900	1081.50000	5.46790	3.20650	3.90840	5.85490	6.91660	3.27360	5.50500
.058	1.123	18.94900	8.56100	1099.60001	5.25640	3.55390	3.94310	6.11760	7.17070	3.18410	5.61150
.054	1.184	18.98800	7.99300	1129.80000	4.95670	3.60210	3.85140	6.22700	6.74410	2.91090	5.42650
.050	1.244	19.05200	7.41400	1156.60001	4.50550	3.85670	4.11410	6.30360	6.60790	2.96410	5.69560
.049	1.282	19.29300	7.13900	1181.89999	4.68880	3.70880	3.84120	5.97530	5.73660	2.49270	5.26960
.047	1.316	19.35200	6.83500	1192.89999	3.94490	2.41860	3.84530	4.96850	3.93940	1.99460	2.72450
.045	1.365	19.52900	6.44800	1210.39999	3.17990	1.94380	3.71700	4.62920	2.92270	1.69960	2.38250
.045	1.395	19.67100	6.22200	1221.10001	3.22220	1.99540	3.81680	4.79340	2.86830	1.69240	2.52830
	GRADIENT	2.04914	-9.62087	610.85853	-.25170	-.10173	3.29350	.49622	-6.50133	-1.23931	-3.55461

HRSI - DESIGN LIMIT TILE BALANCE DATA (SACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 208/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS8	RMS9	RMS10	RMS11	RMS12	RMS13	RMS14
.900	550.000	13.88000	8.21000	669.80000	2.19720	1.63380	2.68290	2.74350	3.74880	1.88550	3.46450
.902	551.000	13.89000	8.19400	672.20000	2.23230	1.63730	2.67880	2.77610	3.76680	1.89510	3.47010
.902	552.000	13.88500	8.19300	671.80000	2.24980	1.65100	2.67880	2.79790	3.77590	1.89270	3.45900
.903	553.000	13.88500	8.18600	672.30000	2.23230	1.64070	2.67280	2.75440	3.75780	1.89270	3.45900
.899	554.000	13.88000	8.21100	669.70000	2.23580	1.63730	2.66460	2.75440	3.74880	1.88550	3.44780
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - DESIGN LIMIT TILE BALANCE DATA (SACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 209/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS8	RMS9	RMS10	RMS11	RMS12	RMS13	RMS14
1.103	611.000	13.37900	6.24200	765.60000	2.90970	1.72970	2.63420	2.74350	3.38740	1.84940	3.05730
1.101	612.000	13.38400	6.25900	765.10000	2.89920	1.72970	2.62400	2.74350	3.36940	1.83970	3.05170
1.103	613.000	13.38400	6.24500	765.90000	2.91670	1.71600	2.63420	2.74350	3.36040	1.84460	3.06840
1.101	614.000	13.37900	6.26000	764.60000	2.92720	1.72630	2.63210	2.74350	3.35130	1.84700	3.06840
1.103	615.000	13.37900	6.24400	765.60000	2.91320	1.72970	2.61790	2.74350	3.35130	1.83730	3.05170
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS8	RMS9	RMS10	RMS11	RMS12	RMS13	RMS14
1.251	624.000	13.17300	5.08100	801.10000	2.39370	1.82570	2.65850	2.39510	2.77320	1.68560	2.88990
1.250	626.000	13.16300	5.08500	800.30000	2.38320	1.81880	2.65650	2.37330	2.74610	1.65910	2.87870
1.251	627.000	13.16300	5.07800	800.50000	2.37970	1.82220	2.66670	2.38420	2.75510	1.67120	2.88430
1.250	628.000	13.16300	5.08300	800.30000	2.37620	1.82220	2.66670	2.37330	2.70090	1.64230	2.88430
1.250	630.000	13.13400	5.07000	798.60000	2.37620	1.84620	2.68490	2.37330	2.73710	1.66880	2.90660
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 211/ 0 RN/L = 3.91 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS8	RMS9	RMS10	RMS11	RMS12	RMS13	RMS14
1.400	638.000	13.22700	4.15500	821.20000	1.50920	1.27420	2.28080	1.64390	1.17430	.89580	2.21480
1.400	639.000	13.19700	4.14700	819.40000	1.51280	1.28790	2.30510	1.64390	1.18330	.90540	2.24270
1.399	640.000	13.17300	4.14400	817.80000	1.46010	1.24680	2.26450	1.60040	1.13820	.87410	2.17580
1.400	641.000	13.14800	4.13100	816.30000	1.48820	1.27080	2.29090	1.63300	1.15620	.88620	2.21480
1.400	642.000	13.11400	4.12000	814.20000	1.47770	1.25360	2.24220	1.62210	1.15620	.88130	2.15910
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - STS-1 LIMIT TILE BALANCE DATA (TACB04) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 203/ 0 RN/L = 3.40 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	CRMS1	CRMS2	CRMS3	CRMS4	CRMS5	CRMS6	CRMS7
.033	.897	11.06100	6.56000	532.20000	.44260	.95770	.00000	1.10620	.00000	.00000	.00000
.031	.923	11.21800	6.46500	555.70000	2.98180	1.26210	.76090	2.19740	.31120	.80620	.00000
.031	.962	11.09100	6.11500	570.50000	.36870	.89860	.00000	1.05990	.00000	.00000	.00000
.029	1.057	11.12000	5.49100	618.10000	.69690	.92430	.05870	.97250	.00000	.00000	.00000
.027	1.101	11.06600	5.17500	632.60000	.75280	.90970	.00000	.98660	.00000	.00000	.00000
.026	1.141	11.07600	4.92600	646.70000	.75970	.85300	.00000	.94730	.00000	.00000	.00000
.024	1.191	11.08500	4.62700	661.20000	.81940	.86630	.00000	.97330	.00000	.00000	.00000
.022	1.232	11.07600	4.37700	670.10000	.84620	.90490	.00000	1.01060	.00000	.00000	.00000
.020	1.284	11.08100	4.08800	679.10000	.99850	1.00240	.00000	1.01010	.00000	.00000	.00000
.018	1.325	11.10000	3.87400	685.10000	.93570	.99090	.00700	.93160	.00000	.00000	.00000
.017	1.369	11.07600	3.63500	686.70000	.62970	.82990	.10150	.73640	.00000	.00000	.00000
.016	1.401	11.07100	3.47500	687.30000	.49210	.73800	.10900	.65720	.00000	.00000	.00000
	GRADIENT	-.09219	-6.22223	305.90740	-1.15038	-.39013	-.40847	-1.41152	-.22100	-.57253	.00000

HRSI - STS-1 ULTIMATE TILE BALANCE DATA (TACB05) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 205/ 0 RN/L = 4.79 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	CRMS1	CRMS2	CRMS3	CRMS4	CRMS5	CRMS6	CRMS7
.051	.901	15.67800	9.26400	757.40000	1.32690	.70270	.43220	.75050	.21040	.48580	.00000
.046	1.032	15.77100	8.02200	861.40000	1.89940	1.10580	.77770	.85280	.23080	.57630	.00000
.043	1.083	15.73700	7.52500	889.90000	1.76670	.99560	.65090	.82750	.21220	.51950	.00000
.041	1.105	15.72200	7.31400	900.90000	2.20860	1.16510	.69390	1.02150	.24670	.54940	.00000
.038	1.150	15.77600	6.93500	925.20000	2.15420	1.15200	.53740	.91540	.26370	.49180	.00000
.035	1.190	15.67300	6.54400	934.80000	2.15000	1.20450	.48080	1.01470	.25340	.46970	.00000
.033	1.230	15.68800	6.22100	948.40000	2.09970	1.29380	.52630	1.17260	.25090	.44610	.00000
.030	1.279	15.71700	5.83800	962.30000	2.10090	1.38460	.85140	1.18970	.27680	.44120	.00000
.029	1.329	15.67300	5.43900	967.90000	1.76010	1.23050	1.14480	.96540	.24690	.47310	.00000
.027	1.373	15.71700	5.13000	974.70000	1.57330	1.07280	1.22000	.84890	.23130	.55400	.00000
.027	1.408	15.69700	4.88000	974.70000	1.54570	1.01060	1.20390	.76730	.22400	.62840	.00000
	GRADIENT	-.05807	-8.61464	395.46421	.05322	.60524	1.47316	.23203	.04636	.05431	.00000

HRSI - DESIGN ULTIMATE TILE BALANCE DATA (TACB06) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 214/ 0 RN/L = 5.74 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	CRMS1	CRMS2	CRMS3	CRMS4	CRMS5	CRMS6	CRMS7
.071	.908	18.72800	10.97500	912.50000	1.42990	.00000	.47600	.88560	.26400	.47690	.00000
.066	1.020	18.80700	9.71000	1017.30000	1.79910	.00000	.93030	1.17100	.31080	.67210	.00000
.059	1.099	18.66400	8.75600	1065.30000	3.04660	.00000	2.01000	1.15990	.25300	.41120	.00000
.059	1.110	18.82600	8.70900	1081.50000	2.68800	.00000	.86410	1.30860	.38410	.66860	.00000
.058	1.129	18.94900	8.56100	1099.60001	2.58040	.00000	.87660	1.54870	.46160	.70930	.00000
.054	1.184	18.98600	7.99300	1129.80000	2.64540	.00000	.75540	1.69610	.44450	.68780	.00000
.050	1.244	19.05200	7.41400	1156.60001	2.56800	.00000	.98390	1.77700	.62370	.69900	.00000
.049	1.282	19.29300	7.13900	1181.89999	2.40200	.00000	1.29780	1.81080	.59940	.73640	.00000
.047	1.316	19.35200	6.83500	1192.89999	2.17890	.00000	1.07320	1.27990	.57300	.63610	.00000
.045	1.365	19.52900	6.44800	1210.39999	1.99140	.00000	1.07760	1.18020	.48860	.71790	.00000
.045	1.395	19.67100	6.22200	1221.10001	1.97810	.00000	1.04290	1.28300	.48700	.75510	.00000
	GRADIENT	2.04914	-9.62087	610.85853	.44562	.00000	.64879	.80234	.66801	.45799	.00000

HRSI - DESIGN LIMIT TILE BALANCE DATA (TACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 208/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	CRMS1	CRMS2	CRMS3	CRMS4	CRMS5	CRMS6	CRMS7
.900	550.000	13.88000	8.21000	669.80000	1.85300	1.26220	.71410	1.52510	.30910	.58640	.00000
.902	551.000	13.89000	8.19400	672.20000	1.84400	1.26290	.71870	1.52500	.30810	.58650	.00000
.902	552.000	13.88500	8.19300	671.80000	1.84500	1.25930	.72060	1.51400	.30350	.58690	.00000
.903	553.000	13.88500	8.18600	672.30000	1.83610	1.26190	.71290	1.52860	.30640	.58320	.00000
.899	554.000	13.88000	8.21100	669.70000	1.84580	1.27200	.70860	1.53460	.30650	.58440	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - DESIGN LIMIT TILE BALANCE DATA (TACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 209/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	CRMS1	CRMS2	CRMS3	CRMS4	CRMS5	CRMS6	CRMS7
1.103	611.000	13.37900	6.24200	765.60000	2.08070	1.21690	.69080	1.18170	.20260	.53860	.00000
1.101	612.000	13.38400	6.25900	765.10000	2.04690	1.19390	.65510	1.17090	.19990	.54180	.00000
1.103	613.000	13.38400	6.24500	765.90000	2.06020	1.20490	.68620	1.17670	.20070	.53940	.00000
1.101	614.000	13.37900	6.26000	764.60000	2.06360	1.21400	.69490	1.18550	.20190	.53930	.00000
1.103	615.000	13.37900	6.24400	765.60000	2.05670	1.20670	.69340	1.17950	.19940	.53870	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	CRMS1	CRMS2	CRMS3	CRMS4	CRMS5	CRMS6	CRMS7
1.251	624.000	13.17300	5.08100	801.10000	2.08530	1.36240	.89330	1.46170	.32950	.51110	.00000
1.250	626.000	13.16300	5.08500	800.30000	2.09170	1.36810	.92700	1.45770	.33120	.51890	.00000
1.251	627.000	13.16300	5.07800	800.50000	2.09530	1.37020	.92850	1.46610	.33870	.51520	.00000
1.250	628.000	13.16300	5.08300	800.30000	2.09780	1.38090	.96750	1.46530	.34100	.52520	.00000
1.250	630.000	13.13400	5.07000	798.60000	2.12140	1.38150	.95410	1.47740	.34480	.52730	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 211/ 0 RN/L = 3.91 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	CRMS1	CRMS2	CRMS3	CRMS4	CRMS5	CRMS6	CRMS7
1.400	638.000	13.22700	4.15500	821.20000	1.36370	.79420	1.12370	.79370	.23700	.61000	.00000
1.400	639.000	13.19700	4.14700	819.40000	1.37700	.79900	1.12450	.79330	.23660	.61500	.00000
1.399	640.000	13.17300	4.14400	817.80000	1.34870	.77640	1.12190	.77430	.23270	.61260	.00000
1.400	641.000	13.14800	4.13100	816.30000	1.37390	.79840	1.12110	.79630	.23750	.61640	.00000
1.400	642.000	13.11400	4.12000	814.20000	1.36100	.79010	1.10820	.79410	.23250	.60370	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - STS-1 LIMIT TILE BALANCE DATA (UACB04) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.,900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 203/ 0 RN/L = 3.40 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	CRMS8	CRMS9	CRMS10	CRMS11	CRMS12	CRMS13	CRMS14
.033	.897	11.06100	6.56000	532.20000	.00000	.00000	.15480	.00000	.00000	.00200	.00000
.031	.923	11.21800	6.46500	555.70000	.67190	.38410	.72940	.53420	1.22440	.69950	1.17410
.031	.962	11.08100	6.11500	570.50000	.00000	.00000	.18440	.00000	.00000	.04800	.00000
.029	1.057	11.12000	5.49100	618.10000	.00000	.00000	.22080	.00000	.00000	.08020	.00000
.027	1.101	11.06600	5.17500	632.60000	.00000	.00000	.19820	.00000	.00000	.04820	.00000
.026	1.141	11.07600	4.92600	646.70000	.00000	.00000	.19300	.00000	.00000	.04770	.00000
.024	1.191	11.08500	4.62700	661.20000	.00000	.00000	.18560	.00000	.00000	.03200	.00000
.022	1.232	11.07600	4.37700	670.10000	.00000	.00000	.17270	.00000	.00000	.02280	.00000
.020	1.284	11.08100	4.08800	679.10000	.00000	.00000	.14800	.00000	.00000	.00000	.00000
.018	1.325	11.10000	3.87400	685.10000	.00000	.00000	.13650	.00000	.00000	.00000	.00000
.017	1.369	11.07600	3.63500	686.70000	.00000	.00000	.12380	.00000	.00000	.00000	.00000
.016	1.401	11.07100	3.47500	687.30000	.00000	.00000	.14240	.00000	.00000	.00000	.00000
	GRADIENT	-.09219	-6.22223	305.90740	-.47715	-.27277	-.48865	-.37937	-.86952	-.55304	-.83379

HRSI - STS-1 ULTIMATE TILE BALANCE DATA (UACB05) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 205/ 0 RN/L = 4.79 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	CRMS8	CRMS9	CRMS10	CRMS11	CRMS12	CRMS13	CRMS14
.051	.901	15.67800	9.26400	757.40000	.40630	.29940	.33780	.77390	.84440	.32350	.60650
.046	1.032	15.77100	8.02200	861.40000	.56310	.29810	.54950	.53120	.78920	.47390	.74960
.043	1.083	15.73700	7.52500	889.90000	.49850	.26200	.49740	.46840	.69520	.41040	.65880
.041	1.105	15.72200	7.31400	900.90000	.57770	.31900	.51890	.56190	.70550	.39690	.65250
.038	1.150	15.77600	6.93500	925.20000	.51770	.28070	.50430	.49200	.64210	.38690	.63630
.035	1.190	15.67300	6.54400	934.80000	.50320	.27730	.49160	.48110	.61600	.36770	.59620
.033	1.230	15.68800	6.22100	948.40000	.45980	.28010	.46640	.45610	.56740	.33610	.54620
.030	1.279	15.71700	5.83800	962.30000	.41370	.27660	.43110	.39740	.45650	.27040	.45730
.029	1.329	15.67300	5.43900	967.90000	.34240	.25260	.39540	.32870	.30890	.19870	.38420
.027	1.373	15.71700	5.13000	974.70000	.28980	.24070	.40520	.32800	.23470	.17850	.38810
.027	1.408	15.69700	4.88000	974.70000	.27320	.24020	.43910	.33610	.21070	.17630	.42760
	GRADIENT	-.05807	-8.61464	395.46421	-.45993	-.12534	-.06499	-.78749	-1.37508	-.51158	-.66798

HRSI - DESIGN ULTIMATE TILE BALANCE DATA (UACB06) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 214/ 0 RN/L = 5.74 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	CRMS8	CRMS9	CRMS10	CRMS11	CRMS12	CRMS13	CRMS14
.071	.908	18.72800	10.97500	912.50000	.41120	.32360	.30020	.75650	.81940	.27930	.57160
.066	1.020	18.80700	9.71000	1017.30000	.65970	.40320	.47920	.71260	.95340	.40380	.72370
.059	1.099	18.66400	8.75600	1065.30000	.42890	.26230	.28390	.46160	.77670	.29970	.49790
.059	1.110	18.82600	8.70900	1081.50000	.72810	.42700	.52040	.77960	.92100	.43590	.73300
.058	1.129	18.94900	8.56100	1099.60001	.68840	.46550	.51640	.80120	.93910	.41700	.73490
.054	1.184	18.98800	7.99300	1129.80000	.63180	.45910	.49090	.79370	.85960	.37100	.69170
.050	1.244	19.05200	7.41400	1156.60001	.56100	.48020	.51230	.78490	.82280	.36910	.70920
.049	1.282	19.29300	7.13900	1181.89999	.57130	.45190	.46800	.72800	.69900	.30370	.64210
.047	1.316	19.35200	6.83500	1192.89999	.47620	.29200	.46420	.59980	.47560	.24080	.32890
.045	1.365	19.52900	6.44800	1210.39999	.37830	.23130	.44220	.55080	.34770	.20220	.28350
.045	1.395	19.67100	6.22200	1221.10001	.38000	.23530	.45010	.56530	.33830	.19960	.29820
	GRADIENT	2.04914	-9.62087	610.85853	-.28141	-.18550	.21115	-.30553	-1.20728	-.31122	-.73300

HRSI - DESIGN LIMIT TILE BALANCE DATA (UACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 208/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	CRMS8	CRMS9	CRMS10	CRMS11	CRMS12	CRMS13	CRMS14
.900	550.000	13.88000	8.21000	669.80000	.47240	.35130	.57680	.58990	.80600	.40540	.74490
.902	551.000	13.89000	8.19400	672.20000	.47830	.35080	.57390	.59480	.80710	.40600	.74350
.902	552.000	13.88500	8.19300	671.80000	.48230	.35390	.57430	.59980	.80950	.40580	.74150
.903	553.000	13.88500	8.18600	672.30000	.47820	.35140	.57250	.59000	.80490	.40540	.74090
.899	554.000	13.88000	8.21100	669.70000	.48080	.35210	.57300	.59230	.80610	.40550	.74140
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - DESIGN LIMIT TILE BALANCE DATA (UACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 209/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	CRMS8	CRMS9	CRMS10	CRMS11	CRMS12	CRMS13	CRMS14
1.103	611.000	13.37900	6.24200	765.60000	.54730	.32540	.49550	.51600	.63720	.34790	.57510
1.101	612.000	13.38400	6.25900	765.10000	.54570	.32560	.49390	.51640	.63420	.34630	.57440
1.103	613.000	13.38400	6.24500	765.90000	.54840	.32270	.49530	.51580	.63180	.34680	.57690
1.101	614.000	13.37900	6.26000	764.60000	.55130	.32510	.49570	.51670	.63120	.34790	.57790
1.103	615.000	13.37900	6.24400	765.60000	.54800	.32540	.49250	.51610	.63040	.34560	.57410
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	CRMS8	CRMS9	CRMS10	CRMS11	CRMS12	CRMS13	CRMS14
1.251	624.000	13.17300	5.08100	801.10000	.43030	.32820	.47790	.43060	.49850	.30300	.51950
1.250	626.000	13.16300	5.08500	800.30000	.42890	.32730	.47800	.42710	.49420	.29860	.51800
1.251	627.000	13.16300	5.07800	800.50000	.42810	.32780	.47970	.42890	.49560	.30060	.51890
1.250	628.000	13.16300	5.08300	800.30000	.42760	.32790	.47980	.42700	.48600	.29550	.51900
1.250	630.000	13.13400	5.07000	798.60000	.42850	.33290	.48420	.42800	.49360	.30090	.52420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 211/ 0 RN/L = 3.91 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	CRMS8	CRMS9	CRMS10	CRMS11	CRMS12	CRMS13	CRMS14
1.400	638.000	13.22700	4.15500	821.20000	.26470	.22350	.40000	.28830	.20590	.15710	.38840
1.400	639.000	13.19700	4.14700	819.40000	.26590	.22640	.40520	.28890	.20800	.15910	.39420
1.399	640.000	13.17300	4.14400	817.80000	.25710	.21950	.39880	.28180	.20040	.15390	.38310
1.400	641.000	13.14800	4.13100	816.30000	.26250	.22420	.40420	.28810	.20400	.15630	.39070
1.400	642.000	13.11400	4.12000	814.20000	.26140	.22170	.39660	.28690	.20450	.15590	.38190
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - STS-1 LIMIT TILE BALANCE DATA (VACB04) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 203/ 0 RN/L = 3.40 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6	GAIN7
.033	.897	11.06100	6.56000	532.20000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.031	.923	11.21800	6.46500	555.70000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000	.00000
.031	.962	11.08100	6.11500	570.50000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.029	1.057	11.12000	5.49100	618.10000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.027	1.101	11.06600	5.17500	632.60000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.026	1.141	11.07600	4.92600	646.70000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.024	1.191	11.08500	4.62700	661.20000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.022	1.232	11.07600	4.37700	670.10000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.020	1.284	11.08100	4.08800	679.10000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.018	1.325	11.10000	3.87400	685.10000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.017	1.369	11.07600	3.63500	686.70000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.016	1.401	11.07100	3.47500	687.30000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
	GRADIENT	-.09219	-6.22223	305.90740	-4.85583	-4.85583	-4.85583	-4.85583	-4.85583	-4.85583	.00000

HRSI - STS-1 ULTIMATE TILE BALANCE DATA (VACB05) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 205/ 0 RN/L = 4.79 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6	GAIN7
.051	.901	15.67800	9.26400	757.40000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.046	1.032	15.77100	8.02200	861.40000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.043	1.083	15.73700	7.52500	889.90000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.041	1.105	15.72200	7.31400	900.90000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.038	1.150	15.77600	6.93500	925.20000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.035	1.190	15.67300	6.54400	934.80000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.033	1.230	15.68800	6.22100	948.40000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.030	1.279	15.71700	5.83800	962.30000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.029	1.329	15.67300	5.43900	967.90000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.027	1.373	15.71700	5.13000	974.70000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.027	1.408	15.69700	4.88000	974.70000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
	GRADIENT	-.05807	-8.61464	395.46421	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	.00000

HRSI - DESIGN ULTIMATE TILE BALANCE DATA (VACB06) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 214/ 0 RN/L = 5.74 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6	GAIN7
.071	.908	18.72800	10.97500	912.50000	3.16230	.00000	3.16230	3.16230	3.16230	3.16230	.00000
.066	1.020	18.80700	9.71000	1017.30000	3.16230	.00000	3.16230	3.16230	3.16230	3.16230	.00000
.059	1.099	18.66400	8.75600	1065.30000	3.16230	.00000	3.16230	3.16230	3.16230	3.16230	.00000
.059	1.110	18.82600	8.70900	1081.50000	3.16230	.00000	3.16230	3.16230	3.16230	3.16230	.00000
.058	1.129	18.94900	8.56100	1099.60001	3.16230	.00000	3.16230	3.16230	3.16230	3.16230	.00000
.054	1.184	18.98800	7.99300	1129.80000	3.16230	.00000	3.16230	3.16230	3.16230	3.16230	.00000
.050	1.244	19.05200	7.41400	1156.60001	3.16230	.00000	3.16230	3.16230	3.16230	3.16230	.00000
.049	1.282	19.29300	7.13900	1181.89999	3.16230	.00000	3.16230	3.16230	3.16230	3.16230	.00000
.047	1.316	19.35200	6.83500	1192.89999	3.16230	.00000	3.16230	3.16230	3.16230	3.16230	.00000
.045	1.365	19.52900	6.44800	1210.39999	3.16230	.00000	3.16230	3.16230	3.16230	3.16230	.00000
.045	1.395	19.67100	6.22200	1221.10001	3.16230	.00000	3.16230	3.16230	3.16230	3.16230	.00000
	GRADIENT	2.04914	-9.62087	610.85853	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - DESIGN LIMIT TILE BALANCE DATA (VACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 208/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6	GAIN7
.900	550.000	13.88000	8.21000	669.80000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.902	551.000	13.89000	8.19400	672.20000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.902	552.000	13.88500	8.19300	671.80000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.903	553.000	13.88500	8.18600	672.30000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
.899	554.000	13.88000	8.21100	669.70000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - DESIGN LIMIT TILE BALANCE DATA (VACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 209/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6	GAIN7
1.103	611.000	13.37900	6.24200	765.60000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
1.101	612.000	13.38400	6.25900	765.10000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
1.103	613.000	13.38400	6.24500	765.90000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
1.101	614.000	13.37900	6.26000	764.60000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
1.103	615.000	13.37900	6.24400	765.60000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6	GAIN7
1.251	624.000	13.17300	5.08100	801.10000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
1.250	626.000	13.16300	5.08500	800.30000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
1.251	627.000	13.16300	5.07800	800.50000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
1.250	628.000	13.16300	5.08300	800.30000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
1.250	630.000	13.13400	5.07000	798.60000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 211/ 0 RN/L = 3.91 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6	GAIN7
1.400	638.000	13.22700	4.15500	821.20000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
1.400	639.000	13.19700	4.14700	819.40000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
1.399	640.000	13.17300	4.14400	817.80000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
1.400	641.000	13.14800	4.13100	816.30000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
1.400	642.000	13.11400	4.12300	814.20000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - STS-1 LIMIT TILE BALANCE DATA (WACB04) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 203/ 0 RN/L = 3.40 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12	GAIN13	GAIN14
.033	.897	11.06100	6.56000	532.20000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.031	.923	11.21800	6.46500	555.70000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.031	.962	11.08100	6.11500	570.50000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.029	1.057	11.12000	5.49100	618.10000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.027	1.101	11.06600	5.17500	632.60000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.026	1.141	11.07600	4.92600	646.70000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.024	1.191	11.08500	4.62700	661.20000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.022	1.232	11.07600	4.37700	670.10000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.020	1.284	11.08100	4.08800	679.10000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.018	1.325	11.10000	3.87400	685.10000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.017	1.369	11.07600	3.63500	686.70000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.016	1.401	11.07100	3.47500	687.30000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
	GRADIENT	-.09219	-6.22223	305.90740	-4.85583	-4.85583	-4.85583	-4.85583	-4.85583	-4.85583	-4.85583

HRSI - STS-1 ULTIMATE TILE BALANCE DATA (WACB05) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 205/ 0 RN/L = 4.79 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12	GAIN13	GAIN14
.051	.901	15.67800	9.26400	757.40000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.046	1.032	15.77100	8.02200	861.40000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.043	1.083	15.73700	7.52500	889.90000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.041	1.105	15.72200	7.31400	900.90000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.038	1.150	15.77600	6.93500	925.20000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.035	1.190	15.67300	6.54400	934.80000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.033	1.230	15.68800	6.22100	948.40000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.030	1.279	15.71700	5.83800	962.30000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.029	1.329	15.67300	5.43900	967.90000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.027	1.373	15.71700	5.13000	974.70000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.027	1.408	15.69700	4.88000	974.70000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
	GRADIENT	-.05807	-8.61464	395.46421	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000	-.00000

HRSI - DESIGN ULTIMATE TILE BALANCE DATA (WACB06) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 214/ 0 RN/L = 5.74 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12	GAIN13	GAIN14
.071	.908	18.72800	10.97500	912.50000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.066	1.020	18.80700	9.71000	1017.30000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.059	1.099	18.66400	8.75600	1065.30000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.059	1.110	18.82600	8.70900	1081.50000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.058	1.129	18.94900	8.56100	1099.60001	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.054	1.184	18.98800	7.99300	1129.80000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.050	1.244	19.05200	7.41400	1156.60001	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.049	1.282	19.29300	7.13900	1181.89999	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.047	1.316	19.35200	6.83500	1192.89999	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.045	1.365	19.52900	6.44800	1210.39999	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.045	1.395	19.67100	6.22200	1221.10001	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
	GRADIENT	2.04914	-9.62087	610.85853	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - DESIGN LIMIT TILE BALANCE DATA (WACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 208/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12	GAIN13	GAIN14
.900	550.000	13.88000	8.21000	669.80000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.902	551.000	13.89000	8.19400	672.20000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.902	552.000	13.88500	8.19300	671.80000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.903	553.000	13.88500	8.18600	672.30000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
.899	554.000	13.88000	8.21100	669.70000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - DESIGN LIMIT TILE BALANCE DATA (WACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 209/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12	GAIN13	GAIN14
1.103	611.000	13.37900	6.24200	765.60000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
1.101	612.000	13.38400	6.25900	765.10000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
1.103	613.000	13.38400	6.24500	765.90000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
1.101	614.000	13.37900	6.26000	764.60000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
1.103	615.000	13.37900	6.24400	765.60000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12	GAIN13	GAIN14
1.251	624.000	13.17300	5.08100	801.10000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
1.250	626.000	13.16300	5.08500	800.30000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
1.251	627.000	13.16300	5.07800	800.50000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
1.250	628.000	13.16300	5.08300	800.30000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
1.250	630.000	13.13400	5.07000	798.60000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 211/ 0 RN/L = 3.91 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12	GAIN13	GAIN14
1.400	638.000	13.22700	4.15500	821.20000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
1.400	639.000	13.19700	4.14700	819.40000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
1.399	640.000	13.17300	4.14400	817.80000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
1.400	641.000	13.14800	4.13100	816.30000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
1.400	642.000	13.11400	4.12000	814.20000	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230	3.16230
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - STS-1 LIMIT TILE BALANCE DATA (XACB04) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 203/ 0 RN/L = 3.40 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	DC1	DC2	DC3	DC4	DC5	DC6	DC7
.033	.897	11.06100	6.56000	532.20000	2.32560	.89720	.34410	.68850	.83330	.01450	.00000
.031	.923	11.21800	6.46500	555.70000	2.62890	1.18310	.59270	.97090	.77630	.11640	.00000
.031	.962	11.08100	6.11500	570.50000	2.46040	.93660	.46840	.81200	.92580	.01450	.00000
.029	1.057	11.12000	5.49100	618.10000	2.42670	1.14370	.65960	1.04150	1.09680	.02910	.00000
.027	1.101	11.06600	5.17500	632.60000	1.78630	.81830	.66910	1.25340	1.23920	.04360	.00000
.026	1.141	11.07600	4.92600	646.70000	1.98850	1.00570	.68830	1.07680	1.13240	.04360	.00000
.024	1.191	11.08500	4.62700	661.20000	1.82000	.95640	.71690	1.05920	1.13950	.05820	.00000
.022	1.232	11.07600	4.37700	670.10000	1.68520	.86760	.71690	1.02390	1.12520	.07270	.00000
.020	1.284	11.08100	4.08800	679.10000	1.44930	.76900	.67870	.91800	1.07540	.07270	.00000
.018	1.325	11.10000	3.87400	685.10000	1.24700	.65070	.65960	.82970	1.07540	.10180	.00000
.017	1.369	11.07600	3.63500	686.70000	.91000	.40420	.48750	.61790	.98280	.07270	.00000
.016	1.401	11.07100	3.47500	687.30000	.74150	.29580	.39190	.51190	.94010	.05820	.00000
	GRADIENT	-.09219	-6.22223	305.90740	-3.39008	-1.23192	.12379	-.39628	.31302	.07151	.00000

HRSI - STS-1 ULTIMATE TILE BALANCE DATA (XACB05) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 205/ 0 RN/L = 4.79 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	DC1	DC2	DC3	DC4	DC5	DC6	DC7
.051	.901	15.67800	9.26400	757.40000	3.74110	2.17890	1.46260	3.21280	1.73060	.13090	.00000
.046	1.032	15.77100	8.02200	861.40000	4.38150	2.58320	1.89270	3.81300	2.12230	.18910	.00000
.043	1.083	15.73700	7.52500	889.90000	3.64000	2.60290	1.97880	3.97190	2.30750	.27630	.00000
.041	1.105	15.72200	7.31400	900.90000	2.86480	1.78460	2.24640	4.23670	2.76330	.39270	.00000
.038	1.150	15.77600	6.93500	925.20000	3.20190	2.40570	2.11260	3.91900	2.34310	.21820	.00000
.035	1.190	15.67300	6.54400	934.80000	2.69630	2.20850	2.25600	3.86600	2.40000	.23270	.00000
.033	1.230	15.68800	6.22100	948.40000	2.52780	2.03100	2.22730	3.67180	2.33590	.26180	.00000
.030	1.279	15.71700	5.83800	962.30000	2.15710	1.88310	2.16040	3.58360	2.32170	.32000	.00000
.029	1.329	15.67300	5.43900	967.90000	1.75260	1.58740	1.94050	3.35410	2.25760	.33450	.00000
.027	1.373	15.71700	5.13000	974.70000	1.34820	1.35070	1.72070	3.01870	2.15790	.30540	.00000
.027	1.408	15.69700	4.88000	974.70000	1.31450	1.28170	1.58680	2.98340	2.15080	.30540	.00000
	GRADIENT	-.05807	-8.61464	395.46421	-6.02502	-2.29793	.09477	-1.26553	.37425	.29853	.00000

HRSI - DESIGN ULTIMATE TILE BALANCE DATA (XACB06) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 214/ 0 RN/L = 5.74 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	DC1	DC2	DC3	DC4	DC5	DC6	DC7
.071	.908	18.72800	10.97500	912.50000	3.77480	.00000	2.26550	4.55450	3.21910	.08730	.00000
.066	1.020	18.80700	9.71000	1017.30000	4.34780	.00000	2.60970	5.10170	3.63210	.08730	.00000
.059	1.099	18.66400	8.75600	1065.30000	.53930	.00000	1.29050	1.50050	.33470	.21820	.00000
.059	1.110	18.82600	8.70900	1081.50000	4.24670	.00000	3.01110	5.64900	4.25170	.18910	.00000
.058	1.129	18.94900	8.56100	1099.60001	3.30300	.00000	3.62290	6.28450	5.04940	.39270	.00000
.054	.184	18.98800	7.99300	1129.80000	2.79740	.00000	3.23100	5.47240	4.54370	.48000	.00000
.050	1.244	19.05200	7.41400	1156.60001	2.42670	.00000	2.89640	5.15470	4.13780	.56720	.00000
.049	1.282	19.29300	7.13900	1181.89999	2.29190	.00000	2.59050	5.38420	4.37990	.71270	.00000
.047	1.316	19.35200	6.83500	1192.89999	2.79740	.00000	2.80080	7.85560	.83330	-.21820	.00000
.045	1.365	19.52900	6.44800	1210.39999	2.32560	.00000	2.27510	7.76730	.72640	-.11640	.00000
.045	1.395	19.67100	6.22200	1221.10001	2.08960	.00000	2.11260	8.04980	.71220	-.10180	.00000
	GRADIENT	2.04914	-9.62087	610.85853	-3.41558	.00000	-.01412	8.09019	-4.92717	-.29066	.00000

HRSI - DESIGN LIMIT TILE BALANCE DATA (XACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 208/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	DC1	DC2	DC3	DC4	DC5	DC6	DC7
.900	550.000	13.88000	8.21000	669.80000	2.42670	1.47890	1.48170	2.85980	1.95140	-.01450	.00000
.902	551.000	13.89000	8.19400	672.20000	2.49410	1.48880	1.48170	2.91270	1.97990	-.01450	.00000
.902	552.000	13.89500	8.19300	671.80000	2.35930	1.44930	1.43390	2.84210	1.95140	-.02910	.00000
.903	553.000	13.88500	8.18600	672.30000	2.42670	1.43950	1.43390	2.82450	1.95850	-.01450	.00000
.899	554.000	13.88000	8.21100	669.70000	2.39300	1.42960	1.42430	2.80680	1.95850	-.02910	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - DESIGN LIMIT TILE BALANCE DATA (XACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 209/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	DC1	DC2	DC3	DC4	DC5	DC6	DC7
1.103	611.000	13.37900	6.24200	765.60000	2.49410	1.46900	1.90230	3.21280	2.30030	.04360	.00000
1.101	612.000	13.38400	6.25900	765.10000	2.46040	1.44930	1.87360	3.19520	2.29320	.04360	.00000
1.103	613.000	13.38400	6.24500	765.90000	2.59520	1.52820	1.93100	3.33640	2.36440	.07270	.00000
1.101	614.000	13.37900	6.26000	764.60000	2.52780	1.45920	1.89270	3.24820	2.32170	.05820	.00000
1.103	615.000	13.37900	6.24400	765.60000	2.46040	1.45920	1.87360	3.26580	2.31460	.07270	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	DC1	DC2	DC3	DC4	DC5	DC6	DC7
1.251	624.000	13.17300	5.08100	801.10000	2.08960	1.25210	1.76850	2.91270	2.09380	.16000	.00000
1.250	626.000	13.16300	5.08500	800.30000	2.15710	1.27190	1.78760	2.98340	2.12940	.17450	.00000
1.251	627.000	13.16300	5.07800	800.50000	2.19080	1.28170	1.74930	3.03630	2.12940	.17450	.00000
1.250	628.000	13.16300	5.08300	800.30000	2.22450	1.27190	1.73980	3.01870	2.10810	.18910	.00000
1.250	630.000	13.13400	5.07000	798.60000	2.19080	1.25210	1.73020	3.00100	2.12230	.18910	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 211/ 0 RN/L = 3.91 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	DC1	DC2	DC3	DC4	DC5	DC6	DC7
1.400	638.000	13.22700	4.15500	821.20000	1.24700	.70000	1.35740	2.29490	2.01550	.11640	.00000
1.400	639.000	13.19700	4.14700	819.40000	1.21330	.69020	1.36700	2.29490	2.02970	.11640	.00000
1.399	640.000	13.17300	4.14400	817.80000	1.21330	.68030	1.35740	2.33020	2.02970	.13090	.00000
1.400	641.000	13.14800	4.13100	816.30000	1.21330	.65070	1.31920	2.25960	2.00830	.13090	.00000
1.400	642.000	13.11400	4.12000	814.20000	1.17960	.64090	1.32870	2.27720	2.01550	.13090	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - STS-1 LIMIT TILE BALANCE DATA (YACB04) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 203/ 0 RN/L = 3.40 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	DC8	DC9	DC10	DC11	DC12	DC13	DC14
.033	.897	11.06100	6.56000	532.20000	.21260	.50320	-.19820	.00000	.31250	-.09040	-.96410
.031	.923	11.21800	6.46500	555.70000	.33400	.57220	-.01750	.00000	.57290	.04170	-.54630
.031	.962	11.08100	6.11500	570.50000	.21260	.53270	-.20400	.00000	.31250	-.08350	-1.01230
.029	1.057	11.12000	5.49100	618.10000	.27330	.60180	-.11080	.00000	.36450	-.01390	-.88370
.027	1.101	11.06600	5.17500	632.60000	.26320	.55250	-.23900	.00000	.20830	-.06950	-1.18900
.026	1.141	11.07600	4.92600	646.70000	.26320	.58210	-.14570	.00000	.28640	-.04170	-.94800
.024	1.191	11.08500	4.62700	661.20000	.24290	.59190	-.12820	.00000	.26040	-.03480	-.93190
.022	1.232	11.07600	4.37700	670.10000	.22270	.57220	-.13410	.00000	.23440	-.04870	-.94800
.020	1.284	11.08100	4.08800	679.10000	.18220	.55250	-.15740	.00000	.20830	-.06950	-.99620
.018	1.325	11.10000	3.87400	685.10000	.19230	.55250	-.16320	.00000	.18230	-.08350	-1.01230
.017	1.369	11.07600	3.63500	686.70000	.14170	.51300	-.22730	.00000	.10420	-.11820	-1.09260
.016	1.401	11.07100	3.47500	687.30000	.11130	.50320	-.25650	.00000	.10420	-.13910	-1.12480
	GRADIENT	-.09219	-6.22223	305.90740	-.25303	-.03315	-.15350	.00000	-.60006	-.15415	-.48697

HRSI - STS-1 ULTIMATE TILE BALANCE DATA (YACB05) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 205/ 0 RN/L = 4.79 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	DC8	DC9	DC10	DC11	DC12	DC13	DC14
.051	.901	15.67800	9.26400	757.40000	.96160	.61170	.02910	1.35050	.72910	.25040	.06430
.046	1.032	15.77100	8.02200	861.40000	1.16400	.71030	.12240	1.35050	.85930	.38250	.25710
.043	1.083	15.73700	7.52500	889.90000	1.20450	.73990	.15740	1.35050	.85930	.37560	.30530
.041	1.105	15.72200	7.31400	900.90000	1.47780	.72020	.13410	1.35050	.96340	.34770	.16070
.038	1.150	15.77600	6.93500	925.20000	1.21460	.74980	.15740	1.35050	.83320	.36860	.28920
.035	1.190	15.67300	6.54400	934.80000	1.19440	.73010	.14570	1.35050	.80720	.34080	.25710
.033	1.230	15.68800	6.22100	948.40000	1.13370	.70050	.12240	1.35050	.75510	.30600	.20890
.030	1.279	15.71700	5.83800	962.30000	1.14380	.68070	.11080	1.35050	.75510	.27120	.17670
.029	1.329	15.67300	5.43900	967.90000	1.11340	.64130	.06990	1.35050	.70310	.22950	.12850
.027	1.373	15.71700	5.13000	974.70000	1.06280	.62150	.02330	1.35050	.67700	.20860	.09640
.027	1.408	15.69700	4.88000	974.70000	1.03240	.63140	.01750	1.35050	.70310	.20860	.06430
	GRADIENT	-.05807	-8.61464	395.46421	-.13361	-.09812	-.12046	.00000	-.30794	-.26140	-.17464

HRSI - DESIGN ULTIMATE TILE BALANCE DATA (YAC806) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 214/ 0 RN/L = 5.74 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	DC8	DC9	DC10	DC11	DC12	DC13	DC14
.071	.908	18.72800	10.97500	912.50000	1.99400	.50320	-.11660	1.91590	.72910	.27820	.06430
.066	1.020	18.80700	9.71000	1017.30000	2.25720	.56230	-.08160	2.13570	.80720	.35470	.16070
.059	1.099	18.66400	8.75600	1065.30000	.47570	.18740	.35560	1.97870	.96340	.48680	.28920
.059	1.110	18.82600	8.70900	1081.50000	2.56090	.71030	.02330	2.48120	.85930	.45900	.33740
.058	1.129	18.94900	8.56100	1099.60001	3.14790	.84840	.02910	2.85810	.93740	.46600	.30530
.054	1.184	18.98600	7.99300	1129.80000	3.01640	.78930	-.02330	2.63830	.83320	.37560	.04820
.050	1.244	19.05200	7.41400	1156.60001	2.78350	.73930	-.01170	2.51260	.80720	.36170	-.01610
.049	1.282	19.29300	7.13900	1181.89999	2.87460	.73990	.01750	2.57550	.80720	.34770	-.01610
.047	1.316	19.35200	6.83500	1192.89999	.39480	.36500	.48960	2.32420	1.11970	.68160	.89980
.045	1.365	19.52900	6.44800	1210.39999	.34410	.28610	.51300	2.48120	1.09360	.66070	.93190
.045	1.395	19.67100	6.22200	1221.10001	.34410	.25650	.50710	2.51260	1.06760	.66770	.75520
	GRADIENT	2.04914	-9.62087	610.85853	-3.26195	-.39935	1.20533	1.03219	.62822	.69366	1.43065

HRSI - DESIGN LIMIT TILE BALANCE DATA (YAC807) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 208/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	DC8	DC9	DC10	DC11	DC12	DC13	DC14
.900	550.000	13.88000	8.21000	669.80000	1.01220	.49330	-.13410	.94220	.46870	.05560	-.09640
.902	551.000	13.89000	8.19400	672.20000	1.02230	.50320	-.13990	.81660	.46870	.05560	-.11250
.902	552.000	13.88500	8.19300	671.80000	.99200	.50320	-.15740	.87940	.44270	.03480	-.14460
.903	553.000	13.88500	8.18600	672.30000	.98180	.50320	-.16320	.84800	.46870	.02780	-.16070
.899	554.000	13.88000	8.21100	669.70000	.98180	.50320	-.17490	.78520	.46870	.02090	-.19280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - DESIGN LIMIT TILE BALANCE DATA (YACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 209/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	DC8	DC9	DC10	DC11	DC12	DC13	DC14
1.103	611.000	13.37900	6.24200	765.60000	1.17420	.59190	-.07580	1.00510	.67700	.11130	.00000
1.101	612.000	13.38400	6.25900	765.10000	1.17420	.59190	-.06990	1.03650	.70310	.11130	.00000
1.103	613.000	13.38400	6.24500	765.90000	1.21460	.61170	-.05250	1.13070	.72910	.13210	.04820
1.101	614.000	13 37900	6.26000	764.60000	1.19440	.59190	-.06410	1.13070	.72910	.12520	.03210
1.103	615.000	13.37900	6.24400	765.60000	1.19440	.59190	-.06990	1.06790	.72910	.12520	.01610
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	DC8	DC9	DC10	DC11	DC12	DC13	DC14
1.251	624.000	13.17300	5.08100	801.10000	1.07290	.56230	-.04080	.78520	.75510	.10430	.06430
1.250	626.000	13.16300	5.08500	800.30000	1.08310	.56230	-.02330	.84800	.78120	.11820	.09640
1.251	627.000	13.16300	5.07800	800.50000	1.08310	.56230	-.02330	.78520	.80720	.11820	.09640
1.250	628.000	13.16300	5.08300	800.30000	1.08310	.57220	-.01170	.84800	.83320	.12520	.11250
1.250	630.000	13.13400	5.07000	798.60000	1.09320	.56230	-.01170	.87940	.85930	.11820	.11250
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 211/ 0 RN/L = 3.91 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	DC8	DC9	DC10	DC11	DC12	DC13	DC14
1.400	638.000	13.22700	4.15500	821.20000	1.00210	.54260	-.14570	.78520	.78120	.02780	-.03210
1.400	639.000	13.19700	4.14700	819.40000	1.00210	.54260	-.14570	.75380	.80720	.03480	-.03210
1.399	640.000	13.17300	4.14400	817.80000	1.01220	.55250	-.14570	.72240	.80720	.03480	-.03210
1.400	641.000	13.14800	4.13100	816.30000	1.00210	.54260	-.15160	.72240	.80720	.02090	-.03210
1.400	642.000	13.11400	4.12000	814.20000	1.00210	.54260	-.15160	.72240	.80720	.02780	-.03210
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - STS-1 LIMIT TILE BALANCE DATA (ZACB04) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 203/ 0 RN/L = 3.40 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	CLS1	CLS2	CLS3	CLS4	CLS5	CLS6	CLS7
.033	.897	11.06100	6.56000	532.20000	.62920	.24270	.09310	.18630	.22540	.00390	.00000
.031	.923	11.21800	6.46500	555.70000	.68120	.30660	.15360	.25160	.20120	.03020	.00000
.031	.962	11.08100	6.11500	570.50000	.62100	.23640	.11820	.20500	.23370	.00370	.00000
.029	1.057	11.12000	5.49100	618.10000	.56530	.26640	.15370	.24260	.25550	.00680	.00000
.027	1.101	11.06600	5.17500	632.60000	.40660	.18630	.15230	.28530	.28210	.00990	.00000
.026	1.141	11.07600	4.92600	646.70000	.44280	.22[illegible]30	.15330	.23980	.25210	.00970	.00000
.024	1.191	11.08500	4.62700	661.20000	.39630	.20830	.15610	.23070	.24810	.01270	.00000
.022	1.232	11.07600	4.37700	670.10000	.36210	.18640	.15410	.22000	.24180	.01560	.00000
.020	1.284	11.08100	4.08800	679.10000	.30730	.16310	.14390	.19460	.22800	.01540	.00000
.018	1.365	11.10000	3.87400	685.10000	.26210	.13680	.13860	.17440	.22600	.02140	.00000
.017	1.369	11.07600	3.63500	686.70000	.19080	.08480	.10220	.12960	.20610	.01520	.00000
.016	1.401	11.07100	3.47500	687.30000	.15530	.06200	.08210	.10730	.19700	.01220	.00000
	GRADIENT	-.09219	-6.22223	305.90740	-.99585	-.37507	-.02821	-.17955	-.03385	.00963	.00000

HRSI - STS-1 ULTIMATE TILE BALANCE DATA (ZACB05) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 205/ 0 RN/L = 4.79 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	CLS1	CLS2	CLS3	CLS4	CLS5	CLS6	CLS7
.051	.901	15.67800	9.26400	757.40000	.71130	.41430	.27810	.61090	.32900	.02490	.00000
.046	1.032	15.77100	8.02200	861.40000	.73240	.43180	.31640	.63740	.35480	.03160	.00000
.043	1.083	15.73700	7.52500	889.90000	.58900	.42120	.32020	.64270	.37340	.04470	.00000
.041	1.105	15.72200	7.31400	900.90000	.45790	.28520	.35910	.67720	.41170	.06280	.00000
.038	1.150	15.77600	6.93500	925.20000	.49840	.37440	.32880	.61000	.36470	.03400	.00000
.035	1.190	15.67300	6.54400	934.80000	.41530	.34020	.34750	.59550	.36970	.03580	.00000
.033	1.230	15.68800	6.22100	948.40000	.38380	.30840	.33820	.55750	.35470	.03970	.00000
.030	1.279	15.71700	5.83800	962.30000	.32280	.28180	.32330	.53620	.34740	.04790	.00000
.029	1.329	15.67300	5.43900	967.90000	.26080	.23620	.28870	.49900	.33590	.04980	.00000
.027	1.373	15.71700	5.13000	974.70000	.19920	.19960	.25420	.44600	.31880	.04510	.00000
.027	1.408	15.69700	4.88000	974.70000	.19420	.18940	.23440	.44080	.31780	.04510	.00000
	GRADIENT	-.05807	-8.61464	395.46421	-1.17228	-.50717	-.10549	-.44094	-.08489	.03189	.00000

HRSI - DESIGN ULTIMATE TILE BALANCE DATA (ZACB06) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 214/ 0 RN/L = 5.74 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	CLS1	CLS2	CLS3	CLS4	CLS5	CLS6	CLS7
.071	.908	18.72800	10.97500	912.50000	.59570	.00000	.35750	.71880	.50800	.01380	.00000
.066	1.020	18.80700	9.71000	1017.30000	.61540	.00000	.36940	.72210	.51410	.01240	.00000
.059	1.099	18.66400	8.75600	1065.30000	.07290	.00000	.17440	.20280	.04520	.02950	.00000
.059	1.110	18.82600	8.70900	1081.50000	.56540	.00000	.40090	.75210	.56610	.02520	.00000
.058	1.123	18.94900	8.56100	1099.60001	.43260	.00000	.47450	.82300	.66130	.05140	.00000
.054	1.184	18.98800	7.99300	1129.80000	.35650	.00000	.41180	.69750	.57910	.06120	.00000
.050	1.244	19.05200	7.41400	1156.60001	.30210	.00000	.36060	.64180	.51520	.07060	.00000
.049	1.282	19.29300	7.13900	1181.89999	.27920	.00000	.31560	.65600	.53360	.08680	.00000
.047	1.316	19.35200	6.83500	1192.89999	.33770	.00000	.33810	.94830	.10060	-.02630	.00000
.045	1.365	19.52900	6.44800	1210.39999	.27670	.00000	.27070	.92410	.08640	-.01380	.00000
.045	1.395	19.67100	6.22200	1221.10001	.24640	.00000	.24910	.94930	.08400	-.01200	.00000
	GRADIENT	2.04914	-9.62087	610.85853	-.68576	.00000	-.17898	.61821	-.82711	-.04219	.00000

HRSI - DESIGN LIMIT TILE BALANCE DATA (ZACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 208/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	CLS1	CLS2	CLS3	CLS4	CLS5	CLS6	CLS7
.900	550.000	13.88000	8.21000	669.80000	.52170	.31800	.31860	.61480	.41950	-.00310	.00000
.902	551.000	13.89000	8.19400	672.20000	.53430	.31890	.31740	.62400	.42420	-.00310	.00000
.902	552.000	13.88500	8.19300	671.80000	.50570	.31070	.30740	.60920	.41830	-.00620	.00000
.903	553.000	13.88500	8.18600	672.30000	.51980	.30830	.30710	.60500	.41950	-.00310	.00000
.899	554.000	13.88000	8.21100	669.70000	.51460	.30740	.30630	.60350	.42110	-.00630	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - DESIGN LIMIT TILE BALANCE DATA (ZACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 209/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	CLS1	CLS2	CLS3	CLS4	CLS5	CLS6	CLS7
1.103	611.000	13.37900	6.24200	765.60000	.46910	.27630	.35780	.60430	.43270	.00820	.00000
1.101	612.000	13.38400	6.25900	765.10000	.46310	.27280	.35260	.60140	.43160	.00820	.00000
1.103	613.000	13.38400	6.24500	765.90000	.48790	.28730	.36300	.62730	.44450	.01370	.00000
1.101	614.000	13.37900	6.26000	764.60000	.47600	.27480	.35640	.61170	.43720	.01100	.00000
1.103	615.000	13.37900	6.24400	765.60000	.46280	.27450	.35240	.61430	.43540	.01370	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	CLS1	CLS2	CLS3	CLS4	CLS5	CLS6	CLS7
1.251	624.000	13.17300	5.08100	801.10000	.37560	.22510	.31790	.52360	.37640	.02880	.00000
1.250	626.000	13.16300	5.08500	800.30000	.38810	.22890	.32170	.53680	.38320	.03140	.00000
1.251	627.000	13.16300	5.07800	800.50000	.39410	.23060	.31470	.54620	.38310	.03140	.00000
1.250	628.000	13.16300	5.08300	800.30000	.40020	.22880	.31300	.54310	.37930	.03400	.00000
1.250	630.000	13.13400	5.07000	798.60000	.39500	.22580	.31200	.54110	.38270	.03410	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 211/ 0 RN/L = 3.91 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	CLS1	CLS2	CLS3	CLS4	CLS5	CLS6	CLS7
1.400	638.000	13.22700	4.15500	821.20000	.21870	.12280	.23800	.40240	.35340	.02040	.00000
1.400	639.000	13.19700	4.14700	819.40000	.21320	.12130	.24020	.40330	.35670	.02040	.00000
1.399	640.000	13.17300	4.14400	817.80000	.21360	.11980	.23900	.41030	.35740	.02300	.00000
1.400	641.000	13.14800	4.13100	816.30000	.21400	.11480	.23270	.39860	.35430	.02310	.00000
1.400	642.000	13.11400	4.12000	814.20000	.20860	.11330	.23500	.40280	.35650	.02320	.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - STS-1 LIMIT TILE BALANCE DATA (AACB04) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 203/ 0 RN/L = 3.40 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	CLS8	CLS9	CLS10	CLS11	CLS12	CLS13	CLS14
.033	.897	11.06100	6.56000	532.20000	.05750	.13610	-.05360	.00000	.08450	-.02450	-.26080
.031	.923	11.21800	6.46500	555.70000	.08660	.14830	-.00450	.00000	.14840	.01080	-.14160
.031	.962	11.08100	6.11500	570.50000	.05370	.13450	-.05150	.00000	.07890	-.02110	-.25550
.029	1.057	11.12000	5.49100	618.10000	.06370	.14020	-.02580	.00000	.08490	-.00320	-.20590
.027	1.101	11.06600	5.17500	632.60000	.05990	.12580	-.05440	.00000	.04740	-.01580	-.27070
.026	1.141	11.07600	4.92600	646.70000	.05860	.12960	-.03240	.00000	.06380	-.00930	-.21110
.024	1.191	11.08500	4.62700	661.20000	.05290	.12890	-.02790	.00000	.05670	-.00760	-.20290
.022	1.232	11.07600	4.37700	670.10000	.04790	.12300	-.02880	.00000	.05040	-.01050	-.20370
.020	1.284	11.08100	4.08800	679.10000	.03860	.11710	-.03340	.00000	.04420	-.01470	-.21120
.018	1.325	11.10000	3.87400	685.10000	.04040	.11610	-.03430	.00000	.03830	-.01750	-.21280
.017	1.369	11.07600	3.63500	686.70000	.02970	.10760	-.04770	.00000	.02180	-.02480	-.22910
.016	1.401	11.07100	3.47500	687.30000	.02330	.10540	-.05370	.00000	.02180	-.02910	-.23560
	GRADIENT	-.09219	-6.22223	305.90740	-.09268	-.06927	-.01575	.00000	-.17149	-.02706	-.00344

HRSI - STS-1 ULTIMATE TILE BALANCE DATA (AACB05) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 205/ 0 RN/L = 4.79 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	CLS8	CLS9	CLS10	CLS11	CLS12	CLS13	CLS14
.051	.901	15.67800	9.26400	757.40000	.18280	.11630	.00550	.25680	.13860	.04760	.01220
.046	1.032	15.77100	8.02200	861.40000	.19460	.11870	.02050	.22580	.14360	.06390	.04300
.043	1.083	15.73700	7.52500	889.90000	.19490	.11970	.02550	.21850	.13900	.06080	.04940
.041	1.105	15.72200	7.31400	900.90000	.23620	.11510	.02140	.21590	.15400	.05560	.02570
.038	1.150	15.77600	6.93500	925.20000	.18910	.11670	.02450	.21020	.12970	.05740	.04500
.035	1.190	15.67300	6.54400	934.80000	.18400	.11250	.02240	.20800	.12430	.05250	.03960
.033	1.230	15.68900	6.22100	948.40000	.17210	.10640	.01860	.20510	.11470	.04650	.03170
.030	1.279	15.71700	5.83800	962.30000	.17120	.10190	.01660	.20210	.11300	.04060	.02640
.029	1.329	15.67300	5.43900	967.90000	.16570	.09540	.01040	.20090	.10460	.03410	.01910
.027	1.373	15.71700	5.13000	974.70000	.15700	.09180	.00340	.19950	.10000	.03080	.01420
.027	1.408	15.69700	4.88000	974.70000	.15250	.09330	.00260	.19950	.10390	.03080	.00950
	GRADIENT	-.05807	-8.61464	395.46421	-.09691	-.06211	-.02240	-.09969	-.10276	-.06011	-.03504

HRSI - DESIGN ULTIMATE TILE BALANCE DATA (AACB06) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 214/ 0 RN/L = 5.74 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	CLS8	CLS9	CLS10	CLS11	CLS12	CLS13	CLS14
.071	.908	18.72800	10.97500	912.50000	.31470	.07940	-.01840	.30240	.11510	.04390	.01010
.066	1.020	18.80700	9.71000	1017.30000	.31950	.07960	-.01160	.30230	.11430	.05020	.02270
.059	1.099	18.66400	8.75600	1065.30000	.06430	.02530	.04810	.26750	.13020	.06580	.03910
.059	1.110	18.82600	8.70900	1081.50000	.34100	.09460	.00310	.33040	.11440	.06110	.04490
.058	1.129	18.94900	8.56100	1099.60001	.41230	.11110	.00380	.37430	.12280	.06100	.04000
.054	1.184	18.98800	7.99300	1129.80000	.38450	.10060	-.00300	.33630	.10620	.04790	.00610
.050	1.244	19.05200	7.41400	1156.60001	.34660	.09210	-.00150	.31280	.10050	.04500	-.00200
.049	1.282	19.29300	7.13900	1181.89999	.35020	.09010	.00210	.31380	.09830	.04240	-.00200
.047	1.316	19.35200	6.83500	1192.89999	.04770	.04410	.05910	.28060	.13520	.08230	.10860
.045	1.365	19.52900	6.44800	1210.39999	.04090	.03400	.06100	.29520	.13010	.07860	.11090
.045	1.395	19.67100	6.22200	1221.10001	.04060	.03020	.05980	.29630	.12590	.07870	.08910
	GRADIENT	2.04914	-9.62087	610.85853	-.53842	-.08611	.14788	-.03083	.01559	.05763	.16037

HRSI - DESIGN LIMIT TILE BALANCE DATA (AACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 208/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	CLS8	CLS9	CLS10	CLS11	CLS12	CLS13	CLS14
.900	550.000	13.88000	8.21000	669.80000	.21760	.10610	-.02880	.20260	.10080	.01200	-.02070
.902	551.000	13.89000	8.19400	672.20000	.21900	.10780	-.03000	.17490	.10040	.01190	-.02410
.902	552.000	13.88500	8.19300	671.80000	.21260	.10790	-.03370	.18950	.09490	.00750	-.03100
.903	553.000	13.88500	8.18600	672.30000	.21030	.10780	-.03500	.18160	.10040	.00600	-.03440
.899	554.000	13.88000	8.21100	669.70000	.21110	.10820	-.03760	.16880	.10080	.00450	-.04150
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - DESIGN LIMIT TILE BALANCE DATA (AACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 209/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	CLS8	CLS9	CLS10	CLS11	CLS12	CLS13	CLS14
1.103	611.000	13.37900	6.24200	765.60000	.22080	.11130	-.01430	.18900	.12730	.02090	.00000
1.101	612.000	13.38400	6.25900	765.10000	.22100	.11140	-.01320	.19510	.13230	.02090	.00000
1.103	613.000	13.38400	6.24500	765.90000	.22840	.11500	-.00990	.21260	.13710	.02480	.00910
1.101	614.000	13.37900	6.26000	764.60000	.22490	.11150	-.01210	.21290	.13730	.02360	.00610
1.103	615.000	13.37900	6.24400	765.60000	.22470	.11130	-.01320	.20090	.13710	.02350	.00300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	CLS8	CLS9	CLS10	CLS11	CLS12	CLS13	CLS14
1.251	624.000	13.17300	5.08100	801.10000	.19290	.10110	-.00730	.14110	.13570	.01880	.01160
1.250	626.000	13.16300	5.08500	800.30000	.19490	.10120	-.00420	.15260	.14060	.02130	.01730
1.251	627.000	13.16300	5.07800	800.50000	.19480	.10120	-.00420	.14120	.14520	.02130	.01730
1.250	628.000	13.16300	5.08300	800.30000	.19490	.10300	-.00210	.15260	.14990	.02250	.02020
1.250	630.000	13.13400	5.07000	798.60000	.19710	.10140	-.00210	.15860	.15490	.02130	.02030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 211/ 0 RN/L = 3.91 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	CLS8	CLS9	CLS10	CLS11	CLS12	CLS13	CLS14
1.400	638.000	13.22700	4.15500	821.20000	.17570	.09520	-.02560	.13770	.13700	.00490	-.00560
1.400	639.000	13.19700	4.14700	819.40000	.17610	.09540	-.02560	.13250	.14190	.00610	-.00560
1.399	640.000	13.17300	4.14400	817.80000	.17820	.09730	-.02570	.12720	.14210	.00610	-.00570
1.400	641.000	13.14800	4.13100	816.30000	.17680	.09570	-.02670	.12740	.14240	.00370	-.00570
1.400	642.000	13.11400	4.12000	814.20000	.17720	.09600	-.02680	.12780	.14280	.00490	-.00570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - STS-1 LIMIT TILE BALANCE DATA (BACB04) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 203/ 0 RN/L = 3.40 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	NF	PML	RML	CNL	CML	CRL
.033	.897	11.06100	6.56000	532.20000	12.70800	12.40400	-30.56200	.07760	.00950	-.02280
.031	.923	11.21800	6.46500	555.70000	20.40100	8.85820	-31.40200	.11940	.00650	-.02240
.031	.962	11.08100	6.11500	570.50000	14.31300	12.63600	-33.86300	.08160	.00900	-.02360
.029	1.057	11.12000	5.49100	618.10000	18.99500	10.73900	-37.10800	.09930	.00710	-.02380
.027	1.101	11.06600	5.17500	632.60000	16.72600	14.13300	-38.31900	.08600	.00910	-.02410
.026	1.141	11.07600	4.92600	646.70000	17.75000	10.69700	-36.50900	.08930	.00670	-.02240
.024	1.191	11.08500	4.62700	661.20000	17.43700	9.63020	-35.76400	.08580	.00590	-.02150
.022	1.232	11.07600	4.37700	670.10000	16.44800	9.28460	-34.82300	.07980	.00560	-.02060
.020	1.284	11.08100	4.08800	679.10000	14.36500	9.02820	-32.88200	.06880	.00540	-.01920
.018	1.325	11.10000	3.87400	685.10000	13.12800	8.42660	-30.90900	.06230	.00500	-.01790
.017	1.369	11.07600	3.63500	686.70000	8.66410	9.13430	-26.03400	.04100	.00540	-.01510
.016	1.401	11.07100	3.47500	687.30000	6.61510	9.55900	-23.31600	.03130	.00570	-.01350
	GRADIENT	-.09219	-6.22223	305.90740	-14.16936	-5.86879	11.84288	-.10853	-.00724	.01707

HRSI - STS-1 ULTIMATE TILE BALANCE DATA (BACB05) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 205/ 0 RN/L = 4.79 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	NF	PML	RML	CNL	CML	CRL
.051	.901	15.67800	9.26400	757.40000	56.01700	33.64300	-45.16600	.24050	.01810	-.02370
.046	1.032	15.77100	8.02200	861.40000	67.17700	32.90900	-55.81800	.25360	.01550	-.02570
.043	1.083	15.73700	7.52500	889.90000	68.93200	31.00900	-55.77400	.25190	.01420	-.02490
.041	1.105	15.72200	7.31400	900.90000	70.45200	32.89800	-51.62000	.25430	.01480	-.02280
.038	1.150	15.77600	6.93500	925.20000	67.77500	29.83100	-53.67600	.23820	.01310	-.02300
.035	1.190	15.67300	6.54400	934.80000	66.47500	28.06400	-52.21600	.23130	.01220	-.02220
.033	1.230	15.68300	6.22100	948.40000	63.53100	27.00800	-49.72400	.21780	.01160	-.02080
.030	1.279	15.71700	5.83800	962.30000	61.79200	26.72800	-46.68000	.20880	.01130	-.01930
.029	1.329	15.67300	5.43900	967.90000	57.38800	27.13400	-40.33800	.19280	.01140	-.01650
.027	1.373	15.71700	5.13000	974.70000	52.47400	26.91100	-33.14700	.17510	.01120	-.01350
.027	1.408	15.69700	4.88000	974.70000	51.42300	27.92400	-31.05900	.17160	.01160	-.01270
	GRADIENT	-.05807	-8.61464	395.46421	-22.74090	-15.47539	39.05689	-.17564	-.01348	.02575

HRSI - DESIGN ULTIMATE TILE BALANCE DATA (BACB06) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 214/ 0 RN/L = 5.74 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	NF	PML	RML	CNL	CML	CRL
.071	.908	18.72800	10.97500	912.50000	80.36600	30.03100	-60.66600	.28640	.01340	-.02640
.066	1.020	18.80700	9.71000	1017.30000	91.27900	31.48700	-68.76200	.29180	.01260	-.02680
.059	1.099	18.66400	8.75600	1065.30000	35.17200	21.64300	6.29720	.11040	.00830	.00230
.059	1.110	19.82600	8.70900	1081.50000	103.50000	33.70700	-71.85400	.31120	.01270	-.02640
.058	1.129	18.94900	8.56100	1099.60001	116.41000	40.19300	-74.78800	.34430	.01490	-.02700
.054	1.184	18.98800	7.99300	1129.80000	103.75000	38.72800	-65.91400	.29860	.01390	-.02320
.050	1.244	19.05200	7.41400	1156.60001	96.18000	38.55900	-58.70800	.27040	.01360	-.02020
.049	1.282	19.29300	7.13900	1181.89999	97.97600	43.27500	-56.04400	.26960	.01490	-.01880
.047	1.316	19.35200	6.83500	1192.89999	90.41200	44.90500	-57.49800	.24650	.01530	-.01910
.045	1.365	19.52900	6.44800	1210.39990	86.68100	52.00400	-45.67400	.23290	.01750	-.01500
.045	1.335	19.67100	6.22200	1221.10001	86.44700	57.89200	-45.04900	.23020	.01930	-.01460
	GRADIENT	2.04914	-9.62087	610.85853	19.55362	57.40492	17.92753	-.08694	.01283	.01810

HRSI - DESIGN LIMIT TILE BALANCE DATA (BACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 208/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	NF	PML	RML	CNL	CML	CRL
.900	550.000	13.88000	8.21000	669.80000	46.04900	27.61700	-42.32300	.22360	.01680	-.02510
.902	551.000	13.89000	8.19400	672.20000	45.95600	26.46400	-44.56000	.22240	.01600	-.02630
.902	552.000	13.88500	8.19300	671.80000	44.85100	27.35600	-42.74700	.21710	.01660	-.02530
.903	553.000	13.88500	8.18500	672.30000	44.65800	27.00800	-43.20400	.21600	.01630	-.02550
.899	554.000	13.88000	8.21100	669.70000	43.95800	26.48500	-43.77800	.21350	.01610	-.02600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

HRSI - DESIGN LIMIT TILE BALANCE DATA (BACB07) (23 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 209/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	NF	PML	RML	CNL	CML	CRL
1.103	611.000	13.37900	6.24200	765.60000	53.35600	27.29400	-45.70300	.22660	.01450	-.02370
1.101	612.000	13.38400	6.25900	765.10000	53.28900	27.87800	-44.45200	.22650	.01480	-.02310
1.103	613.000	13.38400	6.24500	765.90000	55.03700	29.24400	-45.41000	.23790	.01550	-.02350
1.101	614.000	13.37900	6.26000	764.60000	54.67500	29.24800	-43.74500	.23250	.01550	-.02270
1.103	615.000	13.37900	6.24400	765.60000	54.29900	28.61600	-44.32800	.23070	.01520	-.02300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 210/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	NF	PML	RML	CNL	CML	CRL
1.251	624.000	13.17300	5.08100	801.10000	48.72800	21.60900	-40.67700	.19780	.01100	-.02020
1.250	626.000	13.16300	5.08500	800.30000	50.11000	22.50000	-40.55700	.20360	.01140	-.02010
1.251	627.000	13.16300	5.07800	800.50000	50.15200	22.40200	-41.25200	.20370	.01140	-.02050
1.250	628.000	13.16300	5.08300	800.30000	50.52200	23.09200	-39.92800	.20530	.01170	-.01980
1.250	630.000	13.13400	5.07000	798.60000	50.55800	23.62600	-39.97800	.20590	.01200	-.01940
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 211/ 0 RN/L = 3.91 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	NF	PML	RML	CNL	CML	CRL
1.400	638.000	13.22700	4.15500	821.20000	39.62000	21.91800	-26.33000	.15690	.01080	-.01270
1.400	639.000	13.19700	4.14700	819.40000	39.58200	21.44800	-26.36700	.15710	.01060	-.01280
1.399	640.000	13.17300	4.14400	817.80000	39.69600	21.28200	-26.76700	.15790	.01060	-.01300
1.400	641.000	13.14800	4.13100	816.30000	38.87100	21.18700	-25.78900	.15490	.01060	-.01250
1.400	642.000	13.11400	4.12000	814.20000	38.97700	21.18700	-25.76100	.15570	.01060	-.01260
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - STS-1 LIMIT KULITE DATA (RACK08) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 302/ 0 RN/L = 3.51 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
.039	.938	10.98700	6.23000	552.60000	.09930	.03340	.07640	.04140	.23500	.32910
.038	1.067	11.06100	5.39300	619.20000	.16430	.03510	.09060	.04990	.27440	.39280
.035	1.142	11.22300	4.98700	655.50000	.16740	.03890	.09790	.06420	.25080	.40800
.035	1.186	11.23800	4.72200	669.00000	.07470	.04240	.09590	.06660	.22180	.37170
.033	1.231	11.30200	4.47300	683.50000	.07590	.04430	.09880	.06350	.21110	.38970
.031	1.261	11.36500	4.32500	693.00000	.02930	.05080	.10870	.07130	.21890	.44520
.030	1.344	11.45900	3.89300	708.90000	.20540	.05320	.11360	.07640	.21220	.44500
.030	1.376	11.61100	3.77300	720.20000	.23340	.05270	.11590	.07710	.20560	.43140
.027	1.410	11.69000	3.62300	725.80000	.06450	.05140	.11450	.07220	.19350	.39660
	GRADIENT	1.48426	-5.48829	353.64927	.05534	.04800	.08362	.07393	-.12406	.17597

FRSI - STS-1 ULTIMATE KULITE DATA (RACK09) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 304/ 0 PN/L = 4.80 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
.056	1.058	15.72700	7.75300	875.10000	.48590	.06120	.13230	.07750	.37460	.58860
.048	1.130	15.71700	7.08700	912.80000	.84240	.62690	.63000	.61990	.65600	.70780
.044	1.226	15.75100	6.27800	951.10000	.52190	.04690	.13330	.10530	.26130	.47520
.043	1.276	15.71700	5.85800	961.80000	.50130	.05450	.15570	.11450	.32150	.63440
.039	1.335	15.68300	5.39700	969.20000	.58140	.05160	.16380	.11220	.30660	.62930
.038	1.370	15.68800	5.14400	972.70000	.48710	.04690	.16490	.10820	.28880	.59090
.036	1.400	15.70200	4.93500	974.90000	.56940	.04290	.16030	.09900	.26020	.53360
	GRADIENT	-.11557	-8.24073	284.63026	-.27231	-.79108	-.54279	-.61646	-.67129	-.15735

FRSI - DESIGN ULTIMATE KULITE DATA (RACK10) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 309/ 0 RN/L = 5.52 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
.072	.966	18.85100	10.35800	974.10000	.53050	.04810	.11950	.07840	.37820	.56510
.055	1.095	17.24000	8.12000	982.20000	.37730	.05160	.14880	.10650	.40280	.67050
.053	1.124	17.69200	8.04200	1024.00000	.35500	.05270	.15340	.11560	.38680	.64360
.052	1.242	18.76200	7.31700	1138.50000	.22580	.06550	.18850	.12760	.39600	.73980
.048	1.274	18.76700	7.02000	1147.70000	.27210	.06020	.19600	.12590	.37990	.74380
.046	1.357	18.87000	6.29900	1168.89999	.17610	.05450	.20800	.12360	.35930	.71860
.046	1.376	18.67900	6.05700	1158.70000	.63970	.05210	.20510	.12020	.34380	.68540
.043	1.404	18.73300	5.85000	1163.10001	.20640	.05040	.20000	.11220	.30600	.62070
	GRADIENT	1.72225	-9.27281	520.06488	-.35967	.00936	.20384	.07521	-.14155	.20279

FRSI - DESIGN LIMIT KULITE DATA (RACK11) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 305/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
.901	2245.000	13.87000	8.19400	670.20000	.24280	.05990	.08500	.05510	.26760	.39390
.901	2246.000	13.86100	8.18700	669.80000	.14140	.06000	.08590	.05350	.26780	.39220
.901	2247.000	13.87500	8.19700	670.40000	.26450	.06020	.08560	.05480	.26710	.39220
.902	2248.000	13.88500	8.19500	671.50000	.49550	.05940	.08610	.05280	.26910	.39450
.906	2249.000	13.92400	8.17900	676.80000	.51430	.06480	.09340	.06060	.28400	.45000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 306/ 0 RN/L = 4.12 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.104	2257.000	13.39400	6.24300	766.80000	.28620	.06110	.11330	.07610	.30280	.48330
1.109	2258.000	13.40400	6.20900	769.50000	.25870	.06170	.11380	.07620	.30170	.48440
1.108	2259.000	13.40400	6.21600	769.20000	.18240	.06240	.11400	.07670	.30230	.48440
1.104	2300.000	13.38900	6.24000	766.60000	.22720	.06070	.11350	.07530	.30330	.48150
1.103	2301.000	13.37400	6.24400	765.10000	.33600	.07050	.11190	.08450	.30230	.55600
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (RACK11) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 307/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.257	2304.000	13.12900	5.01900	799.80000	.25140	.07260	.13040	.08590	.25710	.53130
1.251	2305.000	13.12400	5.06300	798.10000	.25300	.07220	.12930	.08460	.25820	.52620
1.253	2306.000	13.12900	5.05000	798.80000	.21110	.07200	.12980	.08450	.25930	.52850
1.256	2307.000	13.13900	5.03200	800.10000	.21370	07200	.13010	.08510	.25910	.52960
1.254	2308.000	13.11400	5.03500	798.20000	.23440	.07340	.12990	.08690	.26330	.53880
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 308/ 0 RN/L = 3.88 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.409	2313.000	13.13900	4.07400	815.80000	.39440	.06630	.13030	.07910	.21470	.44430
1.410	2314.000	13.14800	4.07400	816.40000	.02290	.06550	.12950	.07860	.21530	.44150
1.409	2315.000	13.13400	4.07700	815.50000	.25150	.06520	.12910	.07860	.21550	.44030
1.407	2316.000	13.13400	4.08500	815.50000	1.08620	.06560	.12910	.07870	.21260	.44200
1.408	2317.000	13.12900	4.07700	815.20000	.61740	.06940	.13020	.08160	.22360	.47240
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (RACK12) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 5.600

RUN NO. 311/ 0 RN/L = 4.07 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
.899	118.000	13.89500	8.22200	670.20000	.01400	.05090	.07590	.17810	.05690	.07470
.899	119.000	13.88000	8.21800	669.10000	.01080	.05020	.07590	.17610	.05530	.07350
.899	120.000	13.89500	8.22000	669.40000	.05320	.05080	.07440	.17660	.05580	.07440
.899	121.000	13.88500	8.22200	669.30000	.00000	.05040	.07440	.17460	.05530	.07330
.899	122.000	13.88500	8.22300	669.20000	.00000	.04980	.07360	.17370	.05460	.07350
.901	123.000	13.88000	8.20100	670.60000	.00000	.05050	.07470	.17590	.05530	.07380
.900	124.000	13.88000	8.20700	670.00000	.00000	.05040	.07470	.17390	.05480	.07310
.898	125.000	13.88000	8.22200	668.80000	.00000	.04990	.07360	.17290	.05430	.07270
.899	126.000	13.88000	8.21400	669.50000	.00000	.05020	.07390	.17240	.05460	.07230
.899	127.000	13.88000	8.21900	669.00000	.00000	.05000	.07330	.17420	.05450	.07290
.900	128.000	13.88500	8.21200	670.10000	.00000	.05060	.07400	.17590	.05550	.07290
.896	129.000	13.88000	8.24000	667.20000	.00000	.05020	.07460	.17420	.05450	.07270
.898	130.000	13.88000	8.22300	668.70000	.00000	.04950	.07350	.17160	.05410	.07210
.899	131.000	13.88000	8.22000	668.90000	.00000	.04980	.07400	.17310	.05460	.07280
.898	132.000	13.88000	8.22600	668.40000	.00000	.04960	.07430	.17350	.05450	.07260
.898	133.000	13.88000	8.22300	668.70000	.00000	.05020	.07440	.17460	.05490	.07320
.898	134.000	13.88000	8.22700	668.30000	.00000	.04970	.07290	.17310	.05490	.07310
.898	135.000	13.88000	8.22600	668.40000	.00000	.04990	.07410	.17220	.05410	.07230
.896	136.000	13.88000	8.23900	667.30000	.00000	.05020	.07390	.17520	.05480	.07290
.898	137.000	13.88000	8.22500	668.50000	.00000	.04970	.07460	.17420	.05480	.07300
.898	138.000	13.88000	8.22400	668.60000	.00000	.04990	.07400	.17400	.05530	.07300
.898	139.000	13.88000	8.22100	668.80000	.00000	.05040	.07470	.17460	.05530	.07350
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (RACK13) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.730

RUN NO. 312/ 0 RN/L = 4.09 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.104	153.000	13.39900	6.24600	767.10000	.02190	.07220	.09300	.12070	.23680	.19550
1.104	155.000	13.38900	6.23800	766.70000	.02190	.07390	.09250	.11990	.23380	.20080
1.100	156.000	13.38900	6.27200	764.80000	.02150	.07360	.09150	.11900	.23350	.19850
1.101	157.000	13.38400	6.25800	765.20000	.02190	.07260	.09170	.11990	.23350	.19610
1.102	158.000	13.38400	6.25400	765.40000	.02140	.07190	.09380	.11680	.24010	.20830
1.102	159.000	13.38400	6.25500	765.30000	.02200	.07070	.09490	.11600	.24730	.20900
1.101	200.000	13.38900	6.26100	765.40000	.02150	.07170	.09260	.11920	.23900	.20130
1.103	201.000	13.38900	6.25100	766.00000	.02180	.07330	.09240	.11940	.23330	.19640
1.102	202.000	13.38900	6.25800	765.60000	.02210	.07310	.09220	.12030	.23570	.19810
1.102	203.000	13.38900	6.25700	765.60000	.02140	.07210	.09120	.12010	.23290	.19180
1.102	204.000	13.38900	6.25900	765.50000	.02140	.07190	.09190	.12100	.23490	.19060
1.101	205.000	13.38900	6.26000	765.40000	.02190	.07240	.09240	.11990	.23120	.19190
1.103	206.000	13.38900	6.24900	766.10000	.02170	.07170	.09140	.11970	.23220	.18820
1.103	207.000	13.38400	6.24700	765.80000	.02220	.07300	.09180	.12070	.23750	.19660
1.103	209.000	13.38900	6.24800	766.10000	.02170	.07220	.09130	.11970	.23700	.19460
1.103	210.000	13.38900	6.24500	766.30000	.02120	.07260	.08960	.11790	.23050	.19060
1.102	211.000	13.38900	6.25500	765.70000	.02210	.07300	.09160	.11900	.23380	.19290
1.102	212.000	13.38900	6.25500	765.80000	.02240	.07360	.09190	.11950	.23310	.19490
1.104	213.000	13.38900	6.24300	766.40000	.02180	.07410	.09160	.11990	.23360	.19720
1.103	214.000	13.41400	6.26200	767.40000	.02170	.07430	.09080	.11950	.23330	.19530
1.105	215.000	13.59000	6.31500	779.20000	.02250	.07230	.09740	.12210	.24700	.20170
1.133	216.000	14.05700	6.31300	817.40000	.02470	.07420	.10530	.12820	.27250	.22160
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (RACK14) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.100

RUN NO. 313/ 0 RN/L = 3.96 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.253	234.000	13.09900	5.03900	797.10000	.02700	.06130	.12760	.11090	.20980	.24350
1.252	235.000	13.09400	5.04200	796.60000	.02720	.06010	.12910	.10850	.20830	.26150
1.251	236.000	13.09400	5.04600	796.50000	.02670	.06040	.12860	.10830	.20760	.25770
1.252	237.000	13.09900	5.04600	796.80000	.02690	.06000	.12860	.10790	.21140	.26090
1.251	238.000	13.09900	5.04700	796.80000	.02650	.06010	.12920	.10860	.21050	.25960
1.250	239.000	13.09400	5.05400	796.20000	.02680	.05970	.12810	.10850	.21110	.25870
1.251	240.000	13.09900	5.05200	796.70000	.02680	.05990	.12950	.10900	.21370	.26190
1.252	241.000	13.09900	5.04600	796.80000	.02680	.06040	.12960	.10960	.20980	.26130
1.251	242.000	13.09900	5.04700	796.80000	.02650	.06040	.12920	.10830	.21110	.26090
1.251	243.000	13.09900	5.05100	796.70000	.02700	.06020	.12890	.10920	.21140	.25890
1.252	244.000	13.09900	5.04600	796.80000	.02710	.06020	.12990	.10940	.20700	.25720
1.251	245.000	13.09900	5.05100	796.70000	.02710	.05990	.12910	.10860	.20790	.25740
1.251	246.000	13.09900	5.05100	796.70000	.02620	.06000	.12880	.10990	.21290	.25940
1.250	247.000	13.09900	5.05400	796.60000	.02730	.06060	.12890	.10850	.20900	.25640
1.251	248.000	13.09900	5.04800	796.80000	.02660	.05970	.12950	.10940	.21070	.25830
1.252	249.000	13.09900	5.04600	796.80000	.02680	.05990	.12730	.10830	.20370	.25080
1.251	250.000	13.09900	5.05100	796.70000	.02660	.05990	.12980	.10920	.20810	.25680
1.250	251.000	13.09400	5.05300	796.30000	.02710	.05990	.12990	.10920	.20810	.25490
1.251	252.000	13.09900	5.05200	796.70000	.02700	.05970	.12900	.10960	.20770	.25590
1.251	253.000	13.09400	5.04900	796.40000	.02670	.05980	.12800	.10850	.20830	.25230
1.252	254.000	13.09900	5.04200	796.90000	.02690	.06020	.12800	.10880	.20890	.25320
1.251	255.000	13.09400	5.04700	796.40000	.02700	.05990	.12860	.10920	.21070	.25420
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (RACK15) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 3.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.750

RUN NO. 314/ 0 RN/L = 3.85 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.404	305.000	13.13400	4.10300	815.40000	.02950	.06970	.09480	.11940	.12310	.09170
1.404	306.000	13.12900	4.10100	815.10000	.02920	.06950	.09450	.12010	.12340	.09090
1.403	307.000	13.12900	4.10700	815.10000	.02920	.06880	.09400	.11940	.12330	.09200
1.404	308.000	13.12900	4.10500	815.10000	.02940	.06900	.09440	.12010	.12430	.09240
1.403	303.000	13.12900	4.10500	815.10000	.02940	.06870	.09430	.11950	.12240	.09130
1.403	310.000	13.12900	4.10700	815.10000	.02940	.06980	.09610	.11880	.12460	.09320
1.404	311.000	13.12900	4.10100	815.10000	.02950	.07010	.09520	.12050	.12440	.09200
1.403	312.000	13.12900	4.10500	815.10000	.02920	.06970	.09360	.11950	.12330	.09180
1.402	313.000	13.12400	4.11200	814.80000	.02960	.06920	.09370	.11900	.12160	.09130
1.400	314.000	13.12900	4.12400	915.10000	.02970	.06910	.09530	.11950	.12270	.09170
1.401	315.000	13.12900	4.12000	815.10000	.02920	.06950	.09470	.12070	.12330	.09220
1.401	316.000	13.12900	4.12200	815.10000	.02960	.07010	.09420	.11970	.12360	.10160
1.400	317.000	13.12900	4.12400	815.10000	.02960	.06860	.09510	.11880	.12440	.10250
1.401	318.000	13.12900	4.11800	815.10000	.02940	.06940	.09520	.11920	.12690	.10410
1.401	319.000	13.12900	4.12100	815.10000	.02930	.06910	.09580	.11940	.12810	.10570
1.401	320.000	13.12900	4.11800	815.10000	.02910	.06960	.09600	.11990	.12820	.10540
1.401	321.000	13.12900	4.11700	815.10000	.02900	.06860	.09380	.11920	.12510	.10250
1.402	322.000	13.12900	4.11600	815.10000	.02920	.06940	.09450	.11940	.12570	.10320
1.402	323.000	13.12900	4.11600	815.10000	.02940	.06930	.09460	.11940	.12680	.10430
1.401	324.000	13.12900	4.11900	815.10000	.02920	.06920	.09550	.11900	.12580	.10390
1.403	325.000	13.12900	4.11100	815.10000	.02920	.06950	.09550	.11900	.12570	.10340
1.402	326.000	13.12900	4.11300	815.10000	.02920	.06950	.09560	.11970	.12510	.10370
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (RACK16) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 316/ 0 RN/L = 4.05 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
.897	418.000	13.87000	8.22700	667.40000	.02680	.04250	.07410	.03900	.21610	.22200
.899	419.000	13.87000	8.22000	667.90000	.02660	.04100	.07340	.03480	.21560	.21670
.897	420.000	13.87000	8.22500	667.50000	.02710	.04190	.07390	.03520	.21960	.22530
.896	421.000	13.87000	8.24000	666.30000	.02660	.04170	.07310	.03540	.21980	.22260
.898	423.000	13.87000	8.22100	667.90000	.02650	.04150	.07360	.03450	.22480	.22530
.896	424.000	13.87000	8.23700	666.50000	.02670	.04150	.07320	.03470	.21630	.22060
.898	425.000	13.87000	6.21500	668.40000	.02660	.04170	.07210	.03530	.22040	.22060
.897	426.000	13.87500	8.22900	667.70000	.02680	.04190	.07350	.03690	.21760	.22060
.897	427.000	13.87500	8.23400	667.30000	.02680	.04220	.07390	.03690	.22020	.22660
.897	428.000	13.87500	8.23200	567.40000	.02620	.04050	.07500	.03450	.21930	.22400
.896	429.000	13.87000	8.23400	666.80000	.02660	.04170	.07230	.03630	.21590	.21870
.895	430.000	13.87500	8.25300	665.60000	.02710	.04220	.07450	.03740	.22150	.22530
.896	431.000	13.87000	8.23400	666.80000	.02700	.04180	.07460	.03580	.22220	.22530
.896	432.000	13.87500	8.24100	666.60000	.02690	.04210	.07450	.03540	.22260	.22590
.897	433.000	13.87500	8.23200	667.40000	.02730	.04170	.07410	.03400	.22330	.22130
.897	434.000	13.87500	8.22700	667.80000	.02720	.04220	.07390	.03570	.22520	.22590
.897	435.000	13.87500	8.23500	667.20000	.02710	.04220	.07340	.03590	.22330	.22400
.898	436.000	13.87500	8.21900	668.50000	.02710	.04220	.07470	.03720	.22480	.22460
.898	437.000	13.87500	8.22400	668.10000	.02670	.04140	.07350	.03590	.22220	.22330
.896	438.000	13.87500	8.23600	667.10000	.02750	.04200	.07610	.03480	.22630	.22660
.898	439.000	13.87500	8.22500	669.00000	.02690	.04100	.07460	.03600	.21930	.21930
.898	441.000	13.87500	8.22200	668.30000	.02710	.04130	.07620	.03490	.22330	.22530
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	00000

FRSI - DESIGN LIMIT KULITE DATA (RACK16) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 317/ 0 RN/L = 4.07 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.104	454.000	13.38900	6.24200	766.50000	.03050	.04310	.10900	.06260	.27490	.34850
1.103	455.000	13.38900	6.24500	766.30000	.03050	.04270	.10750	.06130	.27160	.33730
1.103	456.000	13.38900	6.24400	766.30000	.03070	.04250	.10850	.06300	.27100	.34120
1.103	457.000	13.38900	6.24400	766.30000	.03140	.04240	.10840	.06160	.27180	.33930
1.104	458.000	13.38900	6.24000	766.60000	.03080	.04270	.10850	.06140	.27490	.33990
1.103	459.000	13.38900	6.24500	766.30000	.03090	.04240	.10940	.06290	.27210	.34060
1.103	500.000	13.38900	6.24800	766.10000	.03110	.04260	.10830	.06160	.27510	.34190
1.102	501.000	13.38900	6.25600	765.70000	.03050	.04310	.10840	.06190	.27030	.33990
1.102	502.000	13.38900	6.25300	765.80000	.03110	.04250	.10930	.06330	.27270	.34320
1.103	503.000	13.39400	6.24800	766.60000	.03120	.04330	.10980	.06310	.27070	.34390
1.104	504.000	13.38900	6.24100	766.60000	.03120	.04360	.11030	.06300	.27180	.34320
1.101	505.000	13.39400	6.26500	765.60000	03130	.04310	.10950	.06130	.27490	.33990
1.103	506.000	13.39400	6.25100	765.40000	.03100	.04220	.10840	.06100	.27640	.33860
1.102	507.000	13.39400	6.26100	765.80000	.03110	.04240	.10990	.06320	.27420	.34590
1.103	508.000	13.39400	6.25200	766.30000	.03070	.04360	.10980	.06280	.27550	.34790
1.102	509.000	13.38900	6.25300	765.80000	.03140	.04400	.10910	.06330	.27490	.33930
1.101	510.000	13.38900	6.26100	765.40000	.03070	.04260	.10880	.06170	.27340	.33660
1.103	511.000	13.39400	6.24700	766.60000	.03130	.04240	.10930	.06220	.27420	.33790
1.102	512.000	13.38900	6.25500	765.80000	.03140	.04250	.10880	.06170	.27400	.34060
1.101	513.000	13.39400	6.26400	765.60000	.03090	.04240	.10840	.06190	.27400	.34120
1.104	514.000	13.39400	6.24400	766.80000	.03090	.04240	.10820	.06170	.27100	.33790
1.102	515.000	13.38900	6.25600	765.70000	.03080	.04270	.10880	.06350	.27420	.34320
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (RACK16) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 318/ 0 RN/L = 3.98 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.260	525.000	13.26100	5.05300	808.40000	.03440	.05040	.13140	.07130	.22520	.39360
1.258	526.000	13.18300	5.03700	803.20000	.03390	.04970	.13090	.07100	.21980	.38560
1.257	527.000	13.17300	5.03800	802.40000	.03430	.04970	.13120	.07120	.22330	.38630
1.255	528.000	13.17300	5.04900	802.10000	.03410	.04970	.12910	.07070	.22110	.38560
1.257	529.000	13.17800	5.04200	802.70000	.03480	.05020	.13210	.07120	.22280	.38890
1.256	530.000	13.17300	5.04600	802.20000	.03400	.05000	.13090	.07110	.22060	.38830
1.256	531.000	13.17300	5.04600	802.20000	.03450	.04950	.13010	.07020	.22280	.38360
1.255	532.000	13.17800	5.05700	802.20000	.03430	.04950	.13080	.07020	.22170	.38170
1.255	533.000	13.17300	5.05200	802.00000	.03380	.04950	.12940	.07050	.22390	.38500
1.255	534.000	13.17300	5.05500	801.90000	.03410	.05000	.13010	.07020	.22480	.38830
1.254	535.000	13.17300	5.05900	801.80000	.03410	.05000	.13000	.07020	.21870	.38630
1.254	536.000	13.17300	5.05800	801.80000	.03400	.04950	.13010	.07050	.22330	.38430
1.256	537.000	13 17300	5.04500	802.20000	.03430	.04980	.13060	.07160	.22090	.38630
1.257	538.000	13.17800	5.04200	802.70000	.03390	.04910	.12970	.06990	.22520	.38170
1.257	539.000	13.17300	5.04100	802.30000	.03380	.04980	.13110	.07120	.22240	.38560
1.256	540.000	13.17300	5.04700	802.20000	.03420	.04950	.13090	.07020	.22570	.38500
1.256	541.000	13.17300	5.04600	802.20000	.03410	.04930	.13020	.07060	.22130	38360
1.256	542.000	13.17300	5.04700	802.20000	.03430	.04900	.13050	.07050	.22300	.38300
1.257	543.000	13.17800	5.04100	802.70000	.03360	.04900	.13030	.07010	.22370	.38360
1.255	544.000	13.16800	5.04400	801.90000	.03380	.04950	.13000	.07020	.22240	.38560
1.255	545.000	13.17800	5.05200	802.40000	.03390	.04920	.12970	.06910	.22330	.38300
1.256	546.000	13.17300	5.04700	802.20000	.03410	.04940	.13150	.07040	.22330	.38630
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (RACK16) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 319/ 0 RN/L = 3.84 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS1	RMS2	RMS3	RMS4	RMS5	RMS6
1.401	600.000	13.12400	4.12100	814.80000	.03320	.04380	.12840	.06320	.16140	.28490
1.400	601.000	13.10400	4.11800	813.60000	.03320	.04320	.12540	.06280	.16250	.28090
1.399	602.000	13.10900	4.12600	813.80000	.03310	.04320	.12640	.06300	.16250	.28230
1.401	603.000	13.10400	4.11400	813.60000	.03320	.04330	.12710	.06250	.16210	.28090
1.399	604.000	13.10400	4.12200	813.50000	.03340	.04380	.12620	.06230	.16070	.28160
1.398	605.000	13.10400	4.13000	813.50000	.03320	.04280	.12580	.06260	.16290	.27900
1.399	606.000	13.10900	4.12400	813.80000	.03340	.04310	.12700	.06300	.16140	.28090
1.397	607.000	13.10400	4.13300	813.50000	.03340	.04410	.12700	.06320	.15880	.28490
1.399	608.000	13.10400	4.12600	813.50000	.03310	.04360	.12660	.06350	.16160	.28230
1.399	609.000	13.10900	4.12400	813.80000	.03310	.04320	.12710	.06260	.16210	.28090
1.399	610.000	13.10900	4.12700	813.80000	.03300	.04290	.12630	.06260	.16360	.27960
1.401	611.000	13.10400	4.11500	813.60000	.03320	.04290	.12570	.06300	.16210	.28090
1.400	612.000	13.10400	4.12000	813.60000	.03340	.04320	.12700	.06300	.16180	.28090
1.401	613.000	13.10900	4.11600	813.90000	.03320	.04330	.12630	.06320	.16310	.27900
1.400	614.000	13.10400	4.11700	813.60000	.03310	.04290	.12530	.06300	.16180	.27900
1.401	616.000	13.10900	4.11400	813.90000	.03320	.04290	.12580	.06240	.16180	.28090
1.400	617.000	13.10400	4.11700	813.60000	.03320	.04350	.12640	.06230	.16230	.28230
1.401	618.000	13.10900	4.11300	813.90000	.03280	.04310	.12560	.06260	.16140	.28160
1.398	619.000	13.09900	4.12500	813.20000	.03290	.04300	.12450	.06210	.16510	.27700
1.400	620.000	13.10900	4.12200	813.90000	.03310	.04350	.12670	.06260	.15900	.28230
1.401	621.000	13.10900	4.11500	813.90000	.03310	.04350	.12680	.06280	.16120	.27960
1.399	622.000	13.09900	4.12500	813.20000	.03300	.04300	.12620	.06260	.16120	.28090
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - STS-1 LIMIT KULITE DATA (SACK08) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 302/ 0 RN/L = 3.51 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
.039	.938	10.98700	6.23000	552.60000	.02900	.04180	.21310	.56140	.24790	.12080
.039	1.067	11.06100	5.39300	619.20000	.03030	.04270	.26480	.72100	.25890	.13350
.035	1.142	11.22300	4.98700	655.50000	.03550	.04920	.25610	.78830	.30630	.15070
.035	1.186	11.23800	4.72200	669.00000	.03840	.05120	.22910	.74180	.35130	.16150
.033	1.231	11.30200	4.47300	683.50000	.04300	.04850	.24380	.70870	.33960	.15930
.031	1.261	11.36500	4.32500	693.00000	.04700	.04700	.28190	.73630	.32410	.16080
.030	1.344	11.45900	3.89300	708.90000	.04900	.04550	.28730	.75640	.31370	.17090
.030	1.376	11.61100	3.77300	720.20000	.04990	.04570	.28530	.76650	.30650	.17770
.027	1.410	11.69000	3.62300	725.80000	.04910	.04250	.26970	.73870	.27580	.18130
	GRADIENT	1.48426	-5.48829	353.64927	.05184	.00305	.12634	.29156	.09776	.12733

FRSI - STS-1 ULTIMATE KULITE DATA (SACK09) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 304/ 0 RN/L = 4.80 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
.056	1.058	15.72700	7.75300	875.10000	.04890	.06390	.37780	1.04190	.39450	.57870
.048	1.130	15.71700	7.08700	912.80000	.61110	.60520	.66220	.74550	.67230	.86110
.044	1.226	15.75100	6.27800	951.10000	.06870	.04890	.22150	.99100	.48120	.21600
.043	1.276	15.71700	5.85800	961.80000	.07500	.04540	.41100	1.05840	.43970	.21080
.039	1.335	15.68300	5.39700	959.20000	.07620	.04310	.41620	1.06810	.40110	.21770
.038	1.370	15.68800	5.14400	972.70000	.07440	.03960	.39840	1.05500	.37570	.22470
.036	1.400	15.70200	4.93500	974.90000	.06930	.03550	.36630	.98930	.32960	.23280
	GRADIENT	-.11557	-8.24073	284.63026	-.65593	-.79721	-.29756	.36678	-.43620	-1.55780

FRSI - DESIGN ULTIMATE KULITE DATA (SACK10) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 309/ 0 RN/L = 5.52 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
.072	.966	18.85100	10.35800	974.10000	.05840	.05300	.34220	.92530	.42530	.19340
.055	1.095	17.24000	8.12000	982.20000	.06410	.05650	.41680	1.24010	.41780	.21370
.053	1.124	17.69200	8.04200	1024.00000	.07100	.05770	.40130	1.22010	.46220	.22640
.052	1.242	18.76200	7.31700	1138.50000	.09160	.05710	.48610	1.26580	.52270	.25070
.048	1.274	18.76700	7.02000	1147.70000	.09160	.05530	.49700	1.28750	.49210	.25770
.046	1.357	18.87000	6.29900	1168.89999	.08990	.05180	.48780	1.30690	.45930	.27390
.046	1.378	18.67900	6.05700	1158.70000	.08590	.04780	.46950	1.25660	.43510	.27850
.043	1.404	18.73300	5.85000	1163.10001	.07900	.04370	.42770	1.16640	.36710	.28090
	GRADIENT	1.72225	-9.27281	520.06488	.06729	-.01982	.26194	.50560	-.01857	.20833

FRSI - DESIGN LIMIT KULITE DATA (SACK11) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 305/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
.901	2245.000	13.87000	8.19400	670.20000	.03600	.06100	.22850	.62770	.33170	.15440
.901	2246.000	13.86100	8.18700	669.80000	.03600	.06050	.22930	.63350	.33490	.15510
.901	2247.000	13.87500	8.19700	670.40000	.03580	.05980	.22640	.62380	.33440	.15490
.902	2248.000	13.88500	8.19500	671.50000	.03620	.06120	.23040	.63290	.33060	.15330
.906	2249.000	13.92400	8.17900	676.80000	.03770	.06690	.24960	.67570	.33090	.16980
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 306/ 0 RN/L = 4.12 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.104	2257.000	13.39400	6.24300	766.80000	.04370	.06660	.29950	.92130	.35900	.17930
1.109	2258.000	13.40400	6.20900	769.50000	.04400	.06970	.29980	.92190	.35350	.17800
1.108	2259.000	13.40400	6.21600	769.20000	.04360	.06960	.29930	.91730	.35500	.17890
1.104	2300.000	13.38900	6.24000	766.60000	.04360	.06910	.29980	.91850	.34970	.17510
1.103	2301.000	13.37400	6.24400	765.10000	.05950	.07500	.30090	.87740	.33070	.20010
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (SACK11) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 307/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.257	2304.000	13.12900	5.01900	799.80000	.05160	.06230	.33660	.87850	.37300	.18900
1.251	2305.000	13.12400	5.06300	798.10000	.05140	.06270	.33410	.87050	.37430	.18810
1.253	2306.000	13.12900	5.05000	798.80000	.05140	.06170	.33560	.87570	.37410	.18860
1.256	2307.000	13.13900	5.03200	800.10000	.05170	.06220	.33650	.87510	.37520	.18920
1.254	2308.000	13.11400	5.03500	798.20000	.05390	.06460	.33750	.87910	.37380	.19280
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 308/ 0 RN/L = 3.88 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.409	2313.000	13.13900	4.07400	815.80000	.04940	.05340	.29780	.82310	.29790	.20400
1.410	2314.000	13.14800	4.07400	816.40000	.04940	.05310	.29730	.82250	.29300	.20660
1.409	2315.000	13.13400	4.07700	815.50000	.04930	.05320	.29660	.81740	.29450	.20550
1.407	2316.000	13.13400	4.08500	815.50000	.04940	.05390	.29620	.81970	.29270	.20690
1.408	2317.000	13.12900	4.07700	815.20000	.05470	.05960	.30200	.82370	.29960	.21310
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (SACK12) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 5.600

RUN NO. 311/ 0 RN/L = 4.07 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
.899	118.000	13.89500	8.22200	670.20000	.03460	.04570	.04330	.14670	.20950	.12410
.899	119.000	13.89000	8.21800	669.10000	.03450	.04510	.04240	.14240	.20440	.12210
.899	120.000	13.89500	8.22000	669.40000	.03470	.04430	.04220	.14650	.20790	.12340
.899	121.000	13.88500	8.22200	669.30000	.03460	.04480	.04210	.14340	.20400	.12130
.899	122.000	13.88500	8.22300	669.20000	.03430	.04460	.04160	.14240	.20330	.12210
.901	123.000	13.88000	8.20100	670.60000	.03480	.04390	.04220	.14540	.20800	.12120
.900	124.000	13.88000	8.20700	670.00000	.03430	.04320	.04150	.14340	.20470	.38610
.898	125.000	13.88000	8.22200	668.80000	.03440	.04440	.04180	.14150	.20440	.11990
.899	126.000	13.88000	8.21400	669.50000	.03450	.04430	.04190	.14230	.20360	.11880
.899	127.000	13.89000	8.21900	669.00000	.03460	.04430	.04170	.14240	.20240	.12100
.900	128.000	13.88500	8.21200	670.10000	.03520	.04480	.04220	.14260	.20420	.12170
.896	129.000	13.88000	8.24000	667.20000	.03460	.04340	.04150	.14240	.20470	.12000
.898	130.000	13.88000	8.22300	668.70000	.03410	.04540	.04180	.13970	.20270	.11990
.899	131.000	13.89000	8.22000	668.90000	.03470	.04390	.04160	.14350	.20220	.11990
.898	132.000	13.88000	8.22600	668.40000	.03460	.04430	.04150	.14360	.20440	.12170
.898	133.000	13.88000	8.22300	668.70000	.03460	.04290	.04150	.14560	.20530	.12000
.898	134.000	13.88000	8.22700	668.30000	.03470	.04490	.04190	.14300	.20350	.12000
.898	135.000	13.88000	8.22600	668.40000	.03460	.04360	.04140	.14260	.20290	.11880
.896	136.000	13.88000	8.23900	667.30000	.03470	.04330	.04170	.14260	.20330	.12100
.898	137.000	13.88000	8.22500	668.50000	.03450	.04380	.04180	.14500	.20470	.12190
.898	138.000	13.88000	8.22400	668.60000	.03430	.04370	.04190	.14370	.20570	.11970
.898	139.000	13.88000	8.22100	668.80000	.03440	.04440	.04190	.14320	.20510	.12130
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (SACK13) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.730

RUN NO. 312/ 0 RN/L = 4.09 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.104	153.000	13.39900	6.24600	767.10000	.04330	.06260	.21270	.52360	.32500	.21830
1.104	155.000	13.38900	6.23800	766.70000	.04310	.06140	.20830	.51300	.32930	.21460
1.100	156.000	13.38900	6.27200	764.80000	.04310	.06210	.20830	.51480	.32990	.21410
1.101	157.000	13.38400	6.25600	765.20000	.04310	.06230	.20870	.51190	.32420	.21460
1.102	158.000	13.38400	6.25400	765.40000	.04310	.06210	.21530	.53120	.32390	.21240
1.102	159.000	13.38400	6.25500	765.30000	.04350	.06330	.22310	.55170	.31840	.68270
1.101	200.000	13.38900	6.26100	765.40000	.04320	.06210	.21460	.52880	.32350	.21520
1.103	201.000	13.38900	6.25100	766.00000	.04290	.06240	.20830	.51420	.32500	.21410
1.102	202.000	13.38900	6.25800	765.60000	.04330	.06220	.21140	.51890	.32770	.21590
1.102	203.000	13.38900	6.25700	765.60000	.04320	.06170	.20810	.51190	.32700	.68220
1.102	204.000	13.38900	6.25900	765.50000	.04320	.06080	.21110	.51710	.32220	.21680
1.101	205.000	13.38900	6.26000	765.40000	.04310	.06110	.20720	.50950	.32610	.21390
1.103	206.000	13.38900	6.24900	766.10000	.04310	.06130	.20770	.50780	.32020	.21630
1.103	207.000	13.38400	6.24700	765.80000	.04290	.06100	.21140	.51830	.32510	.21630
1.103	209.000	13.38900	6.24800	766.10000	.04330	.06270	.21180	.51830	.32440	.21760
1.103	210.000	13.38900	6.24500	766.30000	.04280	.06090	.20460	.50250	.32330	.21290
1.102	211.000	13.38900	6.25500	765.70000	.04280	.06060	.20850	.51250	.32280	.21550
1.102	212.000	13.38900	6.25500	765.80000	.04290	.06200	.20740	.51190	.32810	.21460
1.104	213.000	13.38900	6.24300	766.40000	.04330	.06300	.20830	.51250	.32930	.21370
1.103	214.000	13.41400	6.26200	767.40000	.04280	.06410	.20660	.51070	.32880	.21420
1.106	215.000	13.59000	6.31500	779.20000	.04450	.06350	.22400	.54590	.32970	.22140
1.133	216.000	14.05700	6.31900	817.40000	.04710	.06360	.25120	.61130	.34450	.22680
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (SACK14) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.100

RUN NO. 313/ 0 RN/L = 3.96 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.253	234.000	13.09900	5.03900	797.10000	.05060	.05720	.22070	.60660	.34310	.20700
1.252	235.000	13.09400	5.04200	796.60000	.05020	.05800	.22200	.61720	.35130	.20590
1.251	236.000	13.09400	5.04600	796.50000	.05040	.05760	.22000	.61480	.35090	.20630
1.252	237.000	13.09900	5.04600	796.80000	.05020	.05830	.22420	.62010	.34730	.20540
1.251	238.000	13.09900	5.04700	795.80000	.05050	.05570	.22380	.62070	.34980	.20690
1.250	239.000	13.09400	5.05400	796.20000	.05010	.05750	.22420	.62240	.34860	.65240
1.251	240.000	13.09900	5.05200	796.70000	.05050	.05780	.22640	.62300	.34600	.20540
1.252	241.000	13.09900	5.04600	796.80000	.05010	.05800	.22380	.61720	.34710	.20500
1.251	242.000	13.09900	5.04700	796.80000	.05020	.05710	.22510	.62190	.34560	.20480
1.251	243.000	13.09900	5.05100	796.70000	.05020	.05760	.22400	.61780	.34950	.20610
1.252	244.000	13.09900	5.04600	796.80000	.05040	.05760	.22180	.61600	.34970	.20590
1.251	245.000	13.09900	5.05100	796.70000	.05050	.05700	.22330	.61650	.34640	.20520
1.251	246.000	13.09900	5.05100	796.70000	.05010	.05700	.22640	.62240	.34450	.20480
1.250	247.000	13.09900	5.05400	796.60000	.05020	.05730	.22250	.61310	.34690	.20610
1.251	248.000	13.09900	5.04800	796.80000	.04990	.05710	.22510	.61780	.34420	.64650
1.252	249.000	13.09900	5.04600	796.80000	.05020	.05740	.21870	.60780	.34860	.20590
1.251	250.000	13.09900	5.05100	796.70000	.05010	.05620	.22330	.61780	.34470	.20480
1.250	251.000	13.09400	5.05300	796.30000	.05000	.05660	.22310	.61480	.34540	.20480
1.251	252.000	13.09900	5.05200	796.70000	.05030	.05740	.22290	.61540	.34670	.65060
1.251	253.000	13.09400	5.04900	796.40000	.05010	.05670	.22200	.61310	.34690	.20560
1.252	254.000	13.09900	5.04200	796.90000	.04990	.05700	.22240	.61480	.34390	.20480
1.251	255.000	13.09400	5.04700	796.40000	.04980	.05560	.22500	.61660	.34510	.20480
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (SACK15) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.750

RUN NO. 314/ 0 RN/L = 3.85 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.404	305.000	13.13400	4.10300	815.40000	.04720	.05080	.14930	.40460	.22910	.15960
1.404	306.000	13.12900	4.10100	815.10000	.04730	.05070	.14980	.40420	.22930	.15980
1.403	307.000	13.12900	4.10700	815.10000	.04710	.05070	.14870	.40160	.22930	.15990
1.404	308.000	13.12900	4.10500	815.10000	.04730	.05060	.14970	.40400	.23020	.15980
1.403	309.000	13.12900	4.10500	815.10000	.04710	.04990	.14810	.40000	.22850	.15810
1.403	310.000	13.12900	4.10700	815.10000	.04720	.05030	.15090	.40680	.23160	.16050
1.404	311.000	13.12900	4.10100	815.10000	.04720	.05060	.15060	.40510	.22940	.16010
1.403	312.000	13.12900	4.10500	815.10000	.04710	.05120	.14890	.40310	.22870	.15900
1.402	313.000	13.12400	4.11200	814.80000	.04700	.05070	.14720	.40050	.22800	.15850
1.400	314.000	13.12900	4.12400	915.10000	.04690	.05050	.14910	.40350	.22940	.16010
1.401	315.000	13.12900	4.12000	815.10000	.04720	.04990	.14960	.40480	.22780	.16030
1.401	316.000	13.12900	4.12200	815.10000	.04710	.05010	.14980	.40660	.22830	.15880
1.400	317.000	13.12900	4.12400	815.10000	.04720	.05110	.15060	.40420	.22940	.15900
1.401	318.000	13.12900	4.11800	815.10000	.04750	.05040	.15360	.40640	.23270	.16100
1.401	319.000	13.12900	4.12100	815.10000	.04690	.05040	.15450	.40740	.23150	.15990
1.401	320.000	13.12900	4.11800	815.10000	.04720	.05050	.15480	.40850	.23330	.16030
1.401	321.000	13.12900	4.11700	815.10000	.04700	.05080	.15010	.40120	.23090	.15980
1.402	322.000	13.12900	4.11600	815.10000	.04690	.05130	.15190	.40400	.22980	.15920
1.402	323.000	13.12900	4.11600	815.10000	.04720	.05070	.15290	.40620	.23160	.15960
1.401	324.000	13.12900	4.11900	815.10000	.04720	.04990	.15250	.40590	.23020	.16010
1.403	325.000	13.12900	4.11100	815.10000	.04730	.05040	.15210	.40460	.23160	.16050
1.402	326.000	13.12900	4.11300	815.10000	.04720	.05040	.15080	.40330	.23130	.15990
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (SACK16) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 316/ 0 RN/L = 4.05 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
.897	418.000	13.87000	8.22700	667.40000	.03570	.04320	.16950	.47220	.31420	.08920
.898	419.000	13.87000	8.22000	667.90000	.03580	.04210	.17000	.47550	.31380	.08920
.897	420.000	13.87000	8.22500	667.50000	.03610	.04170	.17480	.48350	.31090	.08900
.896	421.000	13.87000	8.24000	666.30000	.03590	.04390	.17350	.48150	.31250	.08900
.898	423.000	13.87000	8.22100	667.90000	.03590	.04210	.17680	.48890	.31010	.09010
.896	424.000	13.87000	8.23700	666.50000	.03610	.04330	.17110	.47950	.30850	.27780
.898	425.000	13.87000	8.21500	668.40000	.03600	.04250	.17240	.47750	.31270	.08810
.897	426.000	13.87500	8.22900	667.70000	.03600	.04340	.17130	.47550	.31200	.08900
.897	427.000	13.87500	8.23400	667.30000	.03600	.04320	.17370	.47950	.31460	.09010
.897	428.000	13.87500	8.23200	567.40000	.03570	.04070	.17460	.48490	.31220	.08940
.895	429.000	13.87000	8.23400	666.80000	.03610	.04320	.16910	47020	.31350	.08790
.895	430.000	13.87500	8.25300	665.60000	.03610	.04440	.17440	.48220	.31440	.08990
.896	431.000	13.87000	8.23400	666.80000	.03650	.04410	.17640	.48690	.30940	.28350
.896	432.000	13.87500	8.24100	666.60000	.03620	.04330	.17750	.48950	.31250	.09010
.897	433.000	13.87500	8.23200	667.40000	.03640	.04290	.17680	.48490	.30900	.08940
.897	434.000	13.87500	8.22700	667.80000	.03640	.04410	.18010	.49350	.31160	.08940
.897	435.000	13.87500	8.23500	667.20000	.03600	.04230	.17500	.48220	.31140	.08870
.899	436.000	13.87500	8.21900	668.50000	.03610	.04280	.17680	.48290	.31160	.09010
.898	437.000	13.87500	8.22400	668.10000	.03580	.04280	.17500	.49150	.31050	.08850
.896	438.000	13.87500	8.23600	667.10000	.03670	.04360	.17920	.49220	.31070	.08990
.898	439.000	13.87500	8.22500	668.00000	.03620	.04370	.17260	.47620	.30930	.08810
.898	441.000	13.87500	8.22200	668.30000	.03620	.04230	.17720	.48490	.30850	.09030
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (SACK16) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 317/ 0 RN/L = 4.07 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.104	454.000	13.38900	6.24200	766.50000	.02990	.04930	.27610	.84170	.32760	.11730
1.103	455.000	13.38900	6.24500	766.30000	.02950	.05190	.27360	.83430	.32550	.11590
1.103	456.000	13.38900	6.24400	766.30000	.03010	.05320	.27410	.83830	.32720	.11770
1.103	457.000	13.38900	6.24400	766.30000	.02970	.05410	.27430	.83570	.32260	.11640
1.104	458.000	13.38900	6.24000	766.60000	.02940	.05160	.27450	.83630	.32310	.11640
1.103	459.000	13.38900	6.24500	766.30000	.02980	.05400	.27430	.83500	.32790	.11770
1.103	500.000	13.38900	6.24800	766.10000	.02920	.05230	.27580	.83630	.32240	.11570
1.102	501.000	13.38900	6.25600	765.70000	.02920	.05390	.27450	.83300	.31900	.36810
1.102	502.000	13.38900	6.25300	765.80000	.02970	.05180	.27630	.84370	.32740	.11880
1.103	503.000	13.38400	6.24800	766.60000	.02950	.05180	.27610	.83770	.32330	.11680
1.104	504.000	13.38900	6.24100	766.60000	.02970	.05200	.27610	.84370	.32740	.11800
1.101	505.000	13.39400	6.26500	765.60000	.02920	.05340	.27610	.83430	.32130	.11680
1.103	506.000	13.39400	6.25100	766.40000	.02920	.05040	.27610	.83430	.31740	.11510
1.102	507.000	13.39400	6.26100	765.80000	.02950	.05080	.27740	.84370	.32550	.11750
1.103	508.000	13.39400	6.25200	766.30000	.02980	.05180	.27930	.84230	.32680	.11680
1.102	509.000	13.38900	6.25300	765.80000	.02990	.05100	.27670	.84100	.32850	.11710
1.101	510.000	13.38900	6.26100	765.40000	.02950	.05410	.27520	.82900	.31940	.11460
1.103	511.000	13.39400	6.24700	766.60000	.02990	.05250	.27630	.84030	.32400	.36530
1.102	512.000	13.38900	6.25500	765.80000	.02950	.05270	.27560	.83430	.31870	.11370
1.101	513.000	13.39400	6.26400	765.60000	.02990	.05460	.27630	.84030	.31920	.11530
1.104	514.000	13.39400	6.24400	766.80000	.02930	.05340	.27450	.83100	.31770	.11420
1.102	515.000	13.38900	6.25600	765.70000	.02970	.05210	.27670	.83630	.32030	.11570
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (SACK16) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 318/ 0 RN/L = 3.98 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.260	525.000	13.26100	5.05300	808.40000	.03770	.04420	.31710	.79430	.36040	.14050
1.258	526.000	13.18300	5.03700	803.20000	.03790	.04510	.31210	.78360	.35910	.13850
1.257	527.000	13.17300	5.03800	802.40000	.03800	.04560	.31410	.78630	.35780	.13870
1.255	528.000	13.17300	5.04900	802.10000	.03770	.04490	.31270	.78500	.35930	.13760
1.257	529.000	13.17800	5.04200	802.70000	.03790	.04460	.31580	.79170	.36170	.13940
1.256	530.000	13.17300	5.04600	802.20000	.03810	.04490	.31450	.79030	.35760	.13850
1.256	531.000	13.17300	5.04600	802.20000	.03740	.04530	.31230	.78100	.35560	.13620
1.255	532.000	13.17800	5.05700	802.20000	.03770	.04500	.31210	.77830	.35540	.13620
1.255	533.000	13.17300	5.05200	802.00000	.03760	.04460	.31360	.78500	.35910	.13740
1.255	534.000	13.17300	5.05500	901.90000	.03790	.04290	.31600	.79370	.36020	.13870
1.254	535.000	13.17300	5.05900	801.80000	.03790	.04530	.31250	.78430	.35760	.13740
1.254	536.000	13.17300	5.05800	801.80000	.03770	.04530	.31230	.78630	.35820	.13650
1.256	537.000	13.17300	5.04500	802.20000	.03780	.04460	.31430	.78900	.35930	.13850
1.257	538.000	13.17800	5.04200	802.70000	.03770	.04530	.31340	.78700	.35560	.13740
1.257	539.000	13.17300	5.04100	802.30000	.03770	.04580	.31380	.79300	.35780	.13850
1.256	540.000	13.17300	5.04700	802.20000	.03790	.04440	.31510	.78700	.35690	.13800
1.256	541.000	13.17300	5.04600	802.20000	.03760	.04450	.31230	.78300	.35450	.13560
1.256	542.000	13.17300	5.04700	802.20000	.03760	.04510	.31450	.79030	.35790	.13780
1.257	543.000	13.17800	5.04100	802.70000	.03770	.04510	.31430	.79230	.35780	.13820
1.256	544.000	13.16900	5.04400	801.90000	.03770	.04440	.31450	.78700	.35500	.13760
1.255	545.000	13.17800	5.05200	802.40000	.03770	.04580	.31320	.78760	.35740	.13710
1.256	546.000	13.17300	5.04700	802.20000	.03770	.04470	.31450	.78970	.35780	.13800
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (SACK16) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 319/ 0 RN/L = 3.84 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	RMS7	RMS8	RMS9	RMS10	RMS11	RMS12
1.401	600.000	13.12400	4.12100	814.80000	.03350	.03430	.26000	.70490	.26280	.15680
1.400	601.000	13.10400	4.11800	813.60000	.03380	.03500	.25850	.69830	.26410	.15520
1.399	602.000	13.10900	4.12600	813.80000	.03330	.03430	.25890	.69830	.26490	.15520
1.401	603.000	13.10400	4.11400	813.60000	.03340	.03550	.25830	.69830	.26280	.15560
1.399	604.000	13.10400	4.12200	813.50000	.03350	.03540	.25830	.69690	.26490	.15540
1.398	605.000	13.10400	4.13000	813.50000	.03340	.03550	.25800	.70030	.26190	.15540
1.399	606.000	13.10900	4.12400	813.80000	.03340	.03530	.25830	.69630	.26450	.15500
1.397	607.000	13.10400	4.13300	813.50000	.03340	.03470	.25830	.69690	.26900	.15450
1.399	608.000	13.10400	4.12600	813.50000	.03350	.03510	.25850	.69890	.26280	.15560
1.399	609.000	13.10900	4.12400	913.80000	.03340	.03460	.25780	.69830	.26100	.15720
1.399	610.000	13.10900	4.12700	813.80000	.03350	.03470	.25780	.69560	.26280	.15560
1.401	611.000	13.10400	4.11500	813.60000	.03330	.03440	.25800	.69890	.26060	.15650
1.400	612.000	13.10400	4.12000	813.60000	.03360	.03420	.25830	.69960	.26340	.49080
1.401	613.000	13.10900	4.11600	813.90000	.03330	.03470	.25780	.70030	.26190	.15680
1.400	614.000	13.10400	4.11700	813.60000	.03330	.03490	.25740	.69630	.26190	.15470
1.401	616.000	13.10900	4.11400	813.90000	.03350	.03380	.25780	.69490	.26060	.15520
1.400	617.000	13.10400	4.11700	813.60000	.03350	.03510	.25850	.69560	.26280	.15450
1.401	618.000	13.10900	4.11300	813.90000	.03320	.03420	.25720	.69630	.26170	.15500
1.398	619.000	13.09900	4.12500	813.20000	.03340	.03430	.25800	.69960	.26060	.15560
1.400	620.000	13.10900	4.12200	813.90000	.03350	.03440	.25760	.69630	.26300	.49150
1.401	621.000	13.10900	4.11500	813.90000	.03350	.03490	.25740	.69690	.25930	.15540
1.399	622.000	13.09900	4.12500	813.20000	.03330	.03450	.25720	.69630	.26170	.15520
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - STS-1 LIMIT KULITE DATA (TACK08) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 302/ 0 RN/L = 3.51 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
.039	.938	10.98700	6.23000	552.60000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.038	1.067	11.06100	5.39300	619.20000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.035	1.142	11.22300	4.98700	655.50000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.035	1.186	11.23800	4.72200	669.00000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.033	1.231	11.30200	4.47300	683.50000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.031	1.261	11.36500	4.32500	693.00000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.030	1.344	11.45900	3.89300	708.90000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.030	1.376	11.61100	3.77300	720.20000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.027	1.410	11.69000	3.62300	725.80000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
	GRADIENT	1.48426	-5.48829	353.64927	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - STS-1 ULTIMATE KULITE DATA (TACK09) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 304/ 0 RN/L = 4.80 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
.056	1.058	15.72700	7.75300	875.10000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.048	1.130	15.71700	7.08700	912.80000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.044	1.226	15.75100	6.27800	951.10000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.043	1.276	15.71700	5.85900	961.80000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.039	1.335	15.68300	5.39700	969.20000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.038	1.370	15.68800	5.14400	972.70000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.036	1.400	15.70200	4.93500	974.90000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
	GRADIENT	-.11557	-8.24073	284.63026	-72.90346	-72.90346	-72.90346	-72.90346	-72.90346	-72.90346

FRSI - DESIGN ULTIMATE KULITE DATA (TACK10) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 309/ 0 RN/L = 5.52 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
.072	.966	18.85100	10.35800	974.10000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.055	1.095	17.24000	8.12000	982.20000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.053	1.124	17.69200	8.04200	1024.00000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.052	1.242	18.76200	7.31700	1138.50000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.048	1.274	18.76700	7.02000	1147.70000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.046	1.357	18.87000	6.29900	1168.89999	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.046	1.378	18.67900	6.05700	1158.70000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.043	1.404	18.73300	5.85000	1163.10001	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
	GRADIENT	1.72225	-9.27281	520.06488	.00001	.00001	.00001	.00001	.00001	.00001

FRSI - DESIGN LIMIT KULITE DATA (TACK11) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 305/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
.901	2245.000	13.87000	8.19400	670.20000	31.62300	100.00000	100.00000	100.00000	31.62300	10.00000
.901	2246.000	13.86100	8.18700	669.80000	31.62300	100.00000	100.00000	100.00000	31.62300	10.00000
.901	2247.000	13.87500	8.19700	670.40000	31.62300	100.00000	100.00000	100.00000	31.62300	10.00000
.902	2248.000	13.88500	8.19500	671.50000	31.62300	100.00000	100.00000	100.00000	31.62300	10.00000
.906	2249.000	13.92400	8.17900	676.80000	31.62300	100.00000	100.00000	100.00000	31.62300	10.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 306/ 0 RN/L = 4.12 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.104	2257.000	13.39400	6.24300	766.80000	31.62300	100.00000	100.00000	100.00000	31.62300	10.00000
1.109	2258.000	13.40400	6.20900	769.50000	31.62300	100.00000	100.00000	100.00000	31.62300	10.00000
1.108	2259.000	13.40400	6.21600	769.20000	31.62300	100.00000	100.00000	100.00000	31.62300	10.00000
1.104	2300.000	13.38900	6.24000	766.60000	31.62300	100.00000	100.00000	100.00000	31.62300	10.00000
1.103	2301.000	13.37400	6.24400	765.10000	31.62300	100.00000	100.00000	100.00000	31.62300	10.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (TACK11) (24 FEB 81)

REFERENCE DATA

SREF = 44.2900 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 307/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.257	2304.000	13.12900	5.01900	799.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.251	2305.000	13.12400	5.06300	798.10000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.253	2306.000	13.12900	5.05000	798.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.256	2307.000	13.13900	5.03200	800.10000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.254	2308.000	13.11400	5.03500	798.20000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 308/ 0 RN/L = 3.88 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.409	2313.000	13.13900	4.07400	815.80000	1.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.410	2314.000	13.14800	4.07400	816.40000	1.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.409	2315.000	13.13400	4.07700	815.50000	1.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.407	2316.000	13.13400	4.08500	815.50000	1.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.408	2317.000	13.12900	4.07700	815.20000	1.00000	100.00000	100.00000	100.00000	31.62300	10.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (TACK12) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 5.600

RUN NO. 311/ 0 RN/L = 4.07 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
.899	118.000	13.89500	8.22200	670.20000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.899	119.000	13.88000	8.21800	669.10000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.899	120.000	13.89500	8.22000	669.40000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.899	121.000	13.88500	8.22200	669.30000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.899	122.000	13.88500	8.22300	669.20000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.901	123.000	13.88000	8.20100	670.50000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.900	124.000	13.88000	8.20700	670.00000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.898	125.000	13.88000	8.22200	668.80000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.899	126.000	13.88000	8.21400	669.50000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.899	127.000	13.88000	8.21900	669.00000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.900	128.000	13.88500	8.21200	670.10000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.896	129.000	13.88000	8.24000	667.20000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.898	130.000	13.88000	8.22300	668.70000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.899	131.000	13.88000	8.22000	668.90000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.898	132.000	13.88000	8.22500	668.40000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.898	133.000	13.89000	8.22300	668.70000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.898	134.000	13.88000	8.22700	668.30000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.898	135.000	13.88000	8.22500	668.40000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.896	136.000	13.88000	8.23900	667.30000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.898	137.000	13.88000	8.22500	668.50000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.898	138.000	13.88000	8.22400	668.60000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
.898	139.000	13.88000	8.22100	668.80000	31.62300	100.00000	100.00000	31.62300	100.00000	100.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (TACK13) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.730

RUN NO. 312/ 0 RN/L = 4.09 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.104	153.000	13.39900	6.24600	767.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.104	155.000	13.38900	6.23800	766.70000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.100	156.000	13.38900	6.27200	764.80000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.101	157.000	13.38400	6.25800	765.20000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.102	158.000	13.38400	6.25400	765.40000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.102	159.000	13.38400	6.25500	765.30000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.101	200.000	13.38900	6.26100	765.40000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.103	201.000	13.38900	6.25100	766.00000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.102	202.000	13.38900	6.25800	765.60000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.102	203.000	13.38900	6.25700	765.60000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.102	204.000	13.38900	6.25900	765.50000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.101	205.000	13.38900	6.26000	765.40000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.103	206.000	13.38900	6.24900	766.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.103	207.000	13.38400	6.24700	765.80000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.103	209.000	13.38900	6.24800	766.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.103	210.000	13.38900	6.24500	766.30000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.102	211.000	13 38900	6.25500	765.70000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.102	212.000	13.38900	6.25500	765.80000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.104	213.000	13.38900	6.24300	766.40000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.103	214.000	13.41400	6.26200	767.40000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.106	215.000	13.59000	6.31500	779.20000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.133	216.000	14.05700	6.31900	817.40000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (TACK14) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.100

RUN NO. 313/ 0 RN/L = 3.96 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.253	234.000	13.09900	5.03900	797.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.252	235.000	13.09400	5.04200	796.60000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.251	236.000	13.09400	5.04600	796.50000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.252	237.000	13.09900	5.04600	796.80000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.251	238.000	13.09900	5.04700	796.80000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.250	239.000	13.09400	5.05400	796.20000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.251	240.000	13.09900	5.05200	796.70000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.252	241.000	13.09900	5.04600	795.80000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.251	242.000	13.09900	5.04700	796.80000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.251	243.000	13.09900	5.05100	796.70000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.252	244.000	13.09900	5.04600	796.80000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.251	245.000	13.09900	5.05100	796.70000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.251	246.000	13.09900	5.05100	796.70000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.250	247.000	13.09900	5.05400	796.60000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.251	248.000	13.09900	5.04800	796.80000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.252	249.000	13.09900	5.04600	796.80000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.251	250.000	13.09900	5.05100	796.70000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.250	251.000	13.09400	5.05300	796.30000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.251	252.000	13.09900	5.05200	796.70000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.251	253.000	13.09400	5.04900	796.40000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.252	254.000	13.09900	5.04200	796.90000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.251	255.000	13.09400	5.04700	796.40000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (TACK15) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.750

RUN NO. 314/ 0 RN/L = 3.85 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.404	305.000	13.13400	4.10300	815.40000	100.00000	100.00000	100.00000	31.62300	100.00000	31.62300
1.404	306.000	13.12900	4.10100	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	31.62300
1.403	307.000	13.12900	4.10700	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	31.62300
1.404	308.000	13.12900	4.10500	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	31.62300
1.403	309.000	13.12900	4.10500	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	31.62300
1.403	310.000	13.12900	4.10700	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	31.62300
1.404	311.000	13.12900	4.10100	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	31.62300
1.403	312.000	13.12900	4.10500	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	31.62300
1.402	313.000	13.12400	4.11200	814.80000	100.00000	100.00000	100.00000	31.62300	100.00000	31.62300
1.400	314.000	13.12900	4.12400	915.10000	100.00000	100.00000	100.00000	31.62300	100.00000	31.62300
1.401	315.000	13.12900	4.12000	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	31.62300
1.401	316.000	13.12900	4.12200	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	100.00000
1.400	317.000	13.12900	4.12400	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	100.00000
1.401	318.000	13.12900	4.11800	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	100.00000
1.401	319.000	13.12900	4.12100	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	100.00000
1.401	320.000	13.12900	4.11800	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	100.00000
1.401	321.000	13.12900	4.11700	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	100.00000
1.402	322.000	13.12900	4.11600	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	100.00000
1.402	323.000	13.12900	4.11600	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	100.00000
1.401	324.000	13.12900	4.11900	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	100.00000
1.403	325.000	13.12900	4.11100	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	100.00000
1.402	326.000	13.12900	4.11300	815.10000	100.00000	100.00000	100.00000	31.62300	100.00000	100.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (TACK16) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 316/ 0 RN/L = 4.05 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
.897	418.000	13.87000	8.22700	667.40000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.898	419.000	13.87000	8.22000	667.90000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.897	420.000	13.87000	8.22500	667.50000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.896	421.000	13.87000	8.24000	666.30000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.898	423.000	13.87000	8.22100	667.90000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.896	424.000	13.87000	8.23700	666.50000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.898	425.000	13.87000	8.21500	668.40000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.897	426.000	13.87500	8.22900	667.70000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.897	427.000	13.87500	8.23400	667.30000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.897	428.000	13.87500	8.23200	667.40000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.896	429.000	13.87000	8.23400	666.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.895	430.000	13.87500	8.25300	665.60000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.896	431.000	13.87000	8.23400	666.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.896	432.000	13.87500	8.24100	666.60000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.897	433.000	13.87500	8.23200	667.40000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.897	434.000	13.87500	8.22700	667.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.897	435.000	13.87500	8.23500	667.20000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.898	436.000	13.87500	8.21900	668.50000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.898	437.000	13.87500	8.22400	668.10000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.896	438.000	13.87500	8.23600	667.10000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.898	439.000	13.87500	8.22500	668.00000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
.898	441.000	13.87500	8.22200	668.30000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (TACK16) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 317/ 0 RN/L = 4.07 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.104	454.000	13.38900	6.24200	766.50000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.103	455.000	13.38900	6.24500	766.30000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.103	456.000	13.38900	6.24400	766.30000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.103	457.000	13.38900	6.24400	766.30000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.104	458.000	13.38900	6.24000	766.60000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.103	459.000	13.38900	6.24500	766.30000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.103	500.000	13.38900	6.24800	766.10000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.102	501.000	13.38900	6.25600	765.70000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.102	502.000	13.38900	6.25300	765.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.103	503.000	13.39400	6.24800	766.60000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.104	504.000	13.38900	6.24100	766.60000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.101	505.000	13.39400	6.26500	765.60000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.103	506.000	13.39400	6.25100	766.40000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.102	507.000	13.39400	6.26100	765.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.103	508.000	13.39400	6.25200	766.30000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.102	509.000	13.38900	6.25300	765.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.101	510.000	13.38900	6.26100	765.40000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.103	511.000	13.39400	6.24700	766.60000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.102	512.000	13.38900	6.25500	765.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.101	513.000	13.39400	6.26400	765.60000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.104	514.000	13.39400	6.24400	766.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.102	515.000	13.38900	6.25600	765.70000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (TACK16) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 318/ 0 RN/L = 3.98 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.260	525.000	13.26100	5.05300	808.40000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.258	526.000	13.18300	5.03700	803.20000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.257	527.000	13.17300	5.03800	802.40000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.255	528.000	13.17300	5.04900	802.10000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.257	529.000	13.17800	5.04200	802.70000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.256	530.000	13.17300	5.04600	802.20000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.256	531.000	13.17300	5.04600	802.20000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.255	532.000	13.17800	5.05700	802.20000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.255	533.000	13.17300	5.05200	802.00000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.255	534.000	13.17300	5.05500	901.90000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.254	535.000	13.17300	5.05900	801.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.254	536.000	13.17300	5.05800	801.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.256	537.000	13.17300	5.04500	802.20000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.257	538.000	13.17800	5.04200	802.70000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.257	539.000	13.17300	5.04100	802.30000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.256	540.000	13.17300	5.04700	802.20000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.256	541.000	13.17300	5.04600	802.20000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.256	542.000	13.17300	5.04700	802.20000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.257	543.000	13.17800	5.04100	802.70000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.256	544.000	13.16800	5.04400	801.90000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.255	545.000	13.17800	5.05200	802.40000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.256	546.000	13.17300	5.04700	802.20000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (TACK16) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 319/ 0 RN/L = 3.84 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN1	GAIN2	GAIN3	GAIN4	GAIN5	GAIN6
1.401	600.000	13.12400	4.12100	814.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.400	601.000	13.10400	4.11800	813.60000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.399	602.000	13.10900	4.12600	813.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.401	603.000	13.10400	4.11400	813.60000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.399	604.000	13.10400	4.12200	813.50000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.398	605.000	13.10400	4.13000	813.50000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.399	606.000	13.10900	4.12400	813.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.397	607.000	13.10400	4.13300	813.50000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.399	608.000	13.10400	4.12600	813.50000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.399	609.000	13.10900	4.12400	813.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.399	610.000	13.10900	4.12700	813.80000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.401	611.000	13.10400	4.11500	813.60000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.400	612.000	13.10400	4.12000	813.60000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.401	613.000	13.10900	4.11600	813.90000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.400	614.000	13.10400	4.11700	813.60000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.401	616.000	13.10900	4.11400	813.90000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.400	617.000	13.10400	4.11700	813.60000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.401	618.000	13.10900	4.11300	813.90000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.398	619.000	13.09900	4.12500	813.20000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.400	620.000	13.10900	4.12200	813.90000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.401	621.000	13.10900	4.11500	813.90000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
1.399	622.000	13.09900	4.12500	813.20000	100.00000	100.00000	100.00000	100.00000	31.62300	10.00000
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - STS-1 LIMIT KULITE DATA (UACK08) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 302/ 0 RN/L = 3.51 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
.039	.938	10.98700	6.23000	552.60000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.038	1.067	11.06100	5.39300	619.20000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.035	1.142	11.22300	4.98700	655.50000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.035	1.186	11.23900	4.72200	669.00000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.033	1.231	11.30200	4.47300	683.50000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.031	1.261	11.36500	4.32500	693.00000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.030	1.344	11.45900	3.89300	708.90000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.030	1.376	11.61100	3.77300	720.20000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
.027	1.410	11.69000	3.62300	725.80000	31.62300	31.62300	31.62300	31.62300	31.62300	31.62300
	GRADIENT	1.48426	-5.48829	353.64927	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - STS-1 ULTIMATE KULITE DATA (UACK09) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 304/ 0 RN/L = 4.80 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
.056	1.058	15.72700	7.75300	875.10000	31.62300	31.62300	31.62300	31.62300	31.62300	3.16230
.048	1.130	15.71700	7.08700	912.80000	31.62300	31.62300	31.62300	31.62300	31.62300	10.00000
.044	1.226	15.75100	6.27900	951.10000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.043	1.276	15.71700	5.85800	961.80000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.039	1.335	15.68300	5.39700	969.20000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.038	1.370	15.68800	5.14400	972.70000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.036	1.400	15.70200	4.93500	974.90000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
	GRADIENT	-.11557	-8.24073	284.63026	-72.90346	-72.90346	-72.90346	-72.90346	-72.90346	14.08168

FRSI - DESIGN ULTIMATE KULITE DATA (UACK10) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 309/ 0 RN/L = 5.52 GRADIENT INTERVAL = .80/ 1.50

WA	MACH	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
.072	.966	18.85100	10.35800	974.10000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.055	1.095	17.24000	8.12000	982.20000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.053	1.124	17.69200	8.04200	1024.00000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.052	1.242	18.76200	7.31700	1138.50000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.048	1.274	18.76700	7.02000	1147.70000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.046	1.357	18.87000	6.29900	1168.89999	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.046	1.378	18.67900	6.05700	1158.70000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
.043	1.404	18.73300	5.85000	1163.10001	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000
	GRADIENT	1.72225	-9.27281	520.06488	.00001	.00001	.00001	.00001	.00001	.00001

FRSI - DESIGN LIMIT KULITE DATA (UACK11) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 305/ 0 RN/L = 4.10 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
.901	2245.000	13.87000	8.19400	670.20000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.901	2246.000	13.86100	8.18700	669.80000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.901	2247.000	13.87500	8.19700	670.40000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.902	2248.000	13.88500	8.19500	671.50000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.906	2249.000	13.92400	8.17900	676.80000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 306/ 0 RN/L = 4.12 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.104	2257.000	13.39400	6.24300	766.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.109	2258.000	13.40400	6.20900	769.50000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.108	2259.000	13.40400	6.21600	769.20000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.104	2300.000	13.38900	6.24000	766.60000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.103	2301.000	13.37400	6.24400	765.10000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (UACK11) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 307/ 0 RN/L = 4.01 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.257	2304.000	13.12900	5.01900	799.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.251	2305.000	13.12400	5.06300	798.10000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.253	2306.000	13.12900	5.05000	798.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.256	2307.000	13.13900	5.03200	800.10000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.254	2308.000	13.11400	5.03500	798.20000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

RUN NO. 308/ 0 RN/L = 3.88 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.409	2313.000	13.13900	4.07400	815.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.410	2314.000	13.14800	4.07400	816.40000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.409	2315.000	13.13400	4.07700	815.50000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.407	2316.000	13.13400	4.08500	815.50000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.408	2317.000	13.12900	4.07700	815.20000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

PRSI - DESIGN LIMIT KULITE DATA (UACK12) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 9.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 5.600

RUN NO. 311/ 0 RN/L = 4.07 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
.899	118.000	13.89500	8.22200	670.20000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.899	119.000	13.88000	8.21800	669.10000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.899	120.000	13.88500	8.22000	669.40000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.899	121.000	13.88500	8.22200	669.30000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.899	122.000	13.88500	8.22300	669.20000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.901	123.000	13.88000	8.20100	670.60000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.900	124.000	13.88000	8.20700	670.00000	316.23000	100.00000	100.00000	31.62300	31.62300	10.00000
.898	125.000	13.88000	8.22200	668.80000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.899	126.000	13.88000	8.21400	669.50000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.899	127.000	13.88000	8.21900	669.00000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.900	128.000	13.88500	8.21200	670.10000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.896	129.000	13.88000	8.24000	667.20000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.899	130.000	13.88000	8.22300	668.70000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.899	131.000	13.88000	8.22000	668.90000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.898	132.000	13.88000	8.22600	668.40000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.899	133.000	13.88000	8.22300	668.70000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.898	134.000	13.88000	8.22700	668.30000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.898	135.000	13.88000	8.22600	668.40000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.896	136.000	13.88000	8.23900	667.30000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.898	137.000	13.88000	8.22500	668.50000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.898	138.000	13.88000	8.22400	668.60000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
.898	139.000	13.88000	8.22100	668.80000	316.23000	100.00000	100.00000	31.62300	31.62300	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (UACK13) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.730

RUN NO. 312/ 0 RN/L = 4.09 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.104	153.000	13.39900	6.24600	767.10000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.104	155.000	13.38900	6.23800	766.70000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.100	156.000	13.38900	6.27200	764.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.101	157.000	13.38400	6.25800	765.20000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.102	158.000	13.38400	6.25400	765.40000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.102	159.000	13.38400	6.25500	765.30000	100.00000	100.00000	31.62300	10.00000	31.62300	10.00000
1.101	200.000	13.38900	6.26100	765.40000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.103	201.000	13.38900	6.25100	766.00000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.102	202.000	13.38900	6.25800	765.60000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.102	203.000	13.38900	6.25700	765.60000	100.00000	100.00000	31.62300	10.00000	31.62300	10.00000
1.102	204.000	13.38900	6.25900	765.50000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.101	205.000	13.38900	6.26000	765.40000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.103	206.000	13.38900	6.24900	766.10000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.103	207.000	13.38400	6.24700	765.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.103	208.000	13.38900	6.24800	766.10000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.103	210.000	13.38900	6.24500	766.30000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.102	211.000	13.38900	6.25500	765.70000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.102	212.000	13.38900	6.25500	765.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.104	213.000	13.38900	6.24300	766.40000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.103	214.000	13.41400	6.26200	767.40000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.106	215.000	13.59000	6.31500	779.20000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.133	216.000	14.05700	6.31900	817.40000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (UACK14) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.100

RUN NO. 313/ 0 RN/L = 3.96 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.253	234.000	13.09900	5.03900	797.10000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.252	235.000	13.09400	5.04200	796.60000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.251	236.000	13.09400	5.04600	796.50000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.252	237.000	13.09900	5.04600	796.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.251	238.000	13.09900	5.04700	796.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.250	239.000	13.09400	5.05400	796.20000	100.00000	100.00000	31.62300	10.00000	31.62300	10.00000
1.251	240.000	13.09900	5.05200	796.70000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.252	241.000	13.09900	5.04600	796.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.251	242.000	13.09900	5.04700	796.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.251	243.000	13.09900	5.05100	796.70000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.252	244.000	13.09900	5.04600	796.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.251	245.000	13.09900	5.05100	796.70000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.251	246.000	13.09900	5.05100	796.70000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.250	247.000	13.09900	5.05400	796.60000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.251	248.000	13.09900	5.04800	796.80000	100.00000	100.00000	31.62300	10.00000	31.62300	10.00000
1.252	249.000	13.09900	5.04600	796.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.251	250.000	13.09900	5.05100	796.70000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.250	251.000	13.09400	5.05300	796.30000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.251	252.000	13.09900	5.05200	796.70000	100.00000	100.00000	31.62300	10.00000	31.62300	10.00000
1.251	253.000	13.09400	5.04900	796.40000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.252	254.000	13.09900	5.04200	796.90000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.251	255.000	13.09400	5.04700	796.40000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (UACK15) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.750

RUN NO. 314/ 0 RN/L = 3.85 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.404	305.000	13.13400	4.10300	815.40000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.404	306.000	13.12900	4.10100	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.403	307.000	13.12900	4.10700	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.404	308.000	13.12900	4.10500	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.403	309.000	13.12900	4.10500	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.403	310.000	13.12900	4.10700	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.404	311.000	13.12900	4.10100	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.403	312.000	13.12900	4.10500	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.402	313.000	13.12400	4.11200	814.80000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.400	314.000	13.12900	4.12400	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.401	315.000	13.12900	4.12000	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.401	316.000	13.12900	4.12200	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.400	317.000	13.12900	4.12400	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.401	318.000	13.12900	4.11800	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.401	319.000	13.12900	4.12100	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.401	320.000	13.12900	4.11800	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.401	321.000	13.12900	4.11700	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.402	322.000	13.12900	4.11600	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.402	323.000	13.12900	4.11600	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.401	324.000	13.12900	4.11900	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.403	325.000	13.12900	4.11100	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
1.402	326.000	13.12900	4.11300	815.10000	100.00000	100.00000	100.00000	31.62300	31.62300	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (UACK16) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 316/ 0 RN/L = 4.05 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
.897	418.000	13.87000	8.22700	667.40000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.898	419.000	13.87000	8.22000	667.90000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.897	420.000	13.87000	8.22500	667.50000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.896	421.000	13.87000	8.24000	666.30000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.898	423.000	13.87000	8.22100	667.90000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.896	424.000	13.87000	8.23700	666.50000	316.23000	100.00000	31.62300	10.00000	31.62300	10.00000
.898	425.000	13.87000	8.21500	668.40000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.897	426.000	13.87500	8.22900	667.70000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.897	427.000	13.87500	8.23400	667.30000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.897	428.000	13.87500	8.23200	567.40000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.896	429.000	13.87000	8 23400	666.80000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.895	430.000	13.87500	8.25300	665.60000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.896	431.000	13.87000	8.23400	666.80000	316.23000	100.00000	31.62300	10.00000	31.62300	10.00000
.896	432.000	13.87500	8 24100	666.60000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.897	433.000	13.87500	8.23200	667.40000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.897	434.000	13.87500	8.22700	667.80000	316.23000	100.00000	31 62300	10.00000	31.62300	31.62300
.897	435.000	13.87500	8.23500	667.20000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.898	436.000	13.87500	3.21900	668.50000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.898	437.000	13.87500	8.22400	668.10000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.896	438.000	13.87500	8.23600	667.10000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.898	439.000	13.87500	8.22500	668.00000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
.898	441.000	13.87500	8.22200	668.30000	316.23000	100.00000	31.62300	10.00000	31.62300	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (UACK16) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 317/ 0 RN/L = 4.07 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.104	454.000	13.38900	6.24200	766.50000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.103	455.000	13.38900	6.24500	766.30000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.103	456.000	13.38900	6.24400	766.30000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.103	457.000	13.38900	6.24400	766.30000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.104	458.000	13.38900	6.24000	766.60000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.103	459.000	13.38900	6.24500	766.30000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.103	500.000	13.38900	6.24800	766.10000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.102	501.000	13.38900	6.25600	765.70000	100.00000	100.00000	31.62300	10.00000	31.62300	10.00000
1.102	502.000	13.38900	6.25300	765.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.103	503.000	13.39400	6.24800	766.60000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.104	504.000	13.38900	6.24100	766.60000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.101	505.000	13.39400	6.26500	765.60000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.103	506.000	13.39400	6.25100	766.40000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.102	507.000	13.39400	6.26100	765.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.103	508.000	13.39400	6.25200	766.30000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.102	509.000	13.38900	6.25300	765.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.101	510.000	13.38900	6.26100	765.40000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.103	511.000	13.39400	6.24700	766.60000	100.00000	100.00000	31.62300	10.00000	31.62300	10.00000
1.102	512.000	13.38900	6.25500	765.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.101	513.000	13.39400	6.26400	765.60000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.104	514.000	13.39400	6.24400	766.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.102	515.000	13.38900	6.25600	765.70000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (UACK16) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 318/ 0 RN/L = 3.98 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.260	525.000	13.26100	5.05300	808.40000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.258	526.000	13.18300	5.03700	803.20000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.257	527.000	13.17300	5.03800	802.40000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.255	528.000	13.17300	5.04900	802.10000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.257	529.000	13.17800	5.04200	802.70000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.256	530.000	13.17300	5.04600	802.20000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.256	531.000	13.17300	5.04600	802.20000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.255	532.000	13.17800	5.05700	802.20000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.255	533.000	13.17300	5.05200	802.00000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.255	534.000	13.17300	5.05500	801.90000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.254	535.000	13.17300	5.05900	801.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.254	536.000	13.17300	5.05800	801.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.256	537.000	13.17300	5.04500	802.20000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.257	538.000	13.17800	5.04200	802.70000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.257	539.000	13.17300	5.04100	802.30000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.256	540.000	13.17300	5.04700	802.20000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.256	541.000	13.17300	5.04600	802.20000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.256	542.000	13.17300	5.04700	802.20000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.257	543.000	13.17800	5.04100	802.70000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.256	544.000	13.16800	5.04400	801.90000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.255	545.000	13.17800	5.05200	802.40000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.256	546.000	13.17300	5.04700	802.20000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

FRSI - DESIGN LIMIT KULITE DATA (UACK16) (24 FEB 81)

REFERENCE DATA

SREF = 44.2800 SQ.IN. XMRP = .0000 IN. XO
LREF = 8.0000 INCHES YMRP = .0000 IN. YO
BREF = 8.1900 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

RUN NO. 319/ 0 RN/L = 3.84 GRADIENT INTERVAL = .00/ 24.00

MACH	TIME	PT	P	Q(PSF)	GAIN7	GAIN8	GAIN9	GAIN10	GAIN11	GAIN12
1.401	600.000	13.12400	4.12100	814.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.400	601.000	13.10400	4.11800	813.60000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.399	602.000	13.10900	4.12600	813.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.401	603.000	13.10400	4.11400	813.60000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.399	604.000	13.10400	4.12200	813.50000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.398	605.000	13.10400	4.13000	813.50000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.399	606.000	13.10900	4.12400	813.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.397	607.000	13.10400	4.13300	813.50000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.399	608.000	13.10400	4.12600	813.50000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.399	609.000	13.10900	4.12400	913.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.399	610.000	13.10900	4.12700	813.80000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.401	611.000	13.10400	4.11500	813.60000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.400	612.000	13.10400	4.12000	813.60000	100.00000	100.00000	31.62300	10.00000	31.62300	10.00000
1.401	613.000	13.10900	4.11600	813.90000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.400	614.000	13.10400	4.11700	813.60000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.401	616.000	13.10900	4.11400	813.90000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.400	617.000	13.10400	4.11700	813.60000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.401	618.000	13.10900	4.11300	813.90000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.398	619.000	13.09900	4.12500	813.20000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.400	620.000	13.10900	4.12200	813.90000	100.00000	100.00000	31.62300	10.00000	31.62300	10.00000
1.401	621.000	13.10900	4.11500	813.90000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
1.399	622.000	13.09900	4.12500	813.20000	100.00000	100.00000	31.62300	10.00000	31.62300	31.62300
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

APPENDIX B

TABULATED DATA - PRESSURE FORMAT

OS50

INDEX

Panel	Type of Data	Dataset ID	Pages
Calibration	Surface Pressure	RACS01-3	1- 24
	Vent Edge Pressure	RACE01-3	25- 56
	Gap Pressure	RACG01-3	57- 87
	Air Supply Pressure	RACP01-3	88-107
	Air Supply Temperature	RACT01-3	108-127
HRSI	Surface Pressure	RACS04-7	128-143
	Vent Edge Pressure	RACE04-7	144-157
	Gap Pressure	RACG04-7	158-171
	Subsurface Pressure	RACU04-7	172-187
	Air Supply Pressure	RACP04-7	188-201
	Air Supply Temperature	RACT04-7	202-215
FRSI	Surface Pressure	RACS08-11	216-231
		(182)ACS12-16	232-293
	Vent Edge Pressure	RACE08-11	294-304
		(182)ACE12-16	305-346
	Subsurface Pressure	RACU08-11	347-358
		(182)ACU12-16	359-404
	Air Supply Pressure	RACP08-11	405-415
		(182)ACP12-16	416-457
	Air Supply Temperature	RACT08-11	458-468
		(182)ACT12-16	469-510

Test conditions for test OS50A were identical to those for OS50. The data for test OS50A are not presented because of this similarity.

CALIBRATION PANEL - LOW Q (RACS01) (15 JAN 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

MACH (1) = .787 WA (1) = .104 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0004	-.0004	-.0004	-.0004	-.0004	-.0009	-.0004
5.8500	-.0006	-.0004	-.0004	-.0004	-.0002	-.0004	-.0006
10.4600	-.0002						-.0004
15.0500	-.0004	-.0004	-.0004	-.0006	-.0004	-.0004	-.0004
19.6500	-.0004	-.0004	-.0002	-.0004	-.0006	-.0004	.0000

MACH (1) = .787 WA (2) = .893 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0004	-.0004	-.0004	-.0004	-.0004	-.0004	-.0004
5.8500	-.0004	-.0004	-.0002	-.0004	-.0004	-.0004	-.0004
10.4600	-.0002						-.0004
15.0500	-.0004	-.0004	-.0004	-.0004	-.0004	-.0002	-.0004
19.6500	-.0002	-.0004	-.0004	-.0002	-.0004	-.0004	.0000

MACH (1) = .787 WA (3) = .939 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0004	-.0004	-.0004	-.0004	-.0004	-.0006	-.0004
5.8500	-.0004	-.0004	-.0004	-.0004	-.0004	-.0006	-.0006
10.4600	-.0004						-.0006
15.0500	-.0004	-.0004	-.0006	-.0004	-.0004	-.0004	-.0004
19.6500	-.0004	-.0004	-.0004	-.0006	-.0004	-.0004	.0000

CALIBRATION PANEL - LOW Q (RACS01)

MACH (1) = .782 WA (4) = .969 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0143	-.0027	.0006	-.0033	-.0041	.0047	-.0332
5.8500	.0049	-.0143	-.0022	.0017	-.0026	-.0037	.0049
10.4600	-.0033						-.0041
15.0500	.0006	-.0033	-.0041	.0051	-.0143	-.0029	.0006
19.6500	-.0029	.0006	-.0033	-.0041	.0054	-.0263	.0000

MACH (1) = .782 WA (5) = 1.111 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0159	-.0030	-.0004	-.0040	-.0050	.0025	-.0159
5.8500	.0027	-.0159	-.0030	-.0004	-.0042	-.0050	.0025
10.4600	-.0040						-.0048
15.0500	-.0004	-.0042	-.0048	.0027	-.0156	-.0030	-.0004
19.6500	-.0030	-.0001	-.0040	-.0048	.0029	-.0156	.0000

MACH (1) = .782 WA (6) = 1.175 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0148	-.0028	-.0004	-.0036	-.0047	.0024	-.0148
5.8500	.0027	-.0148	-.0028	-.0004	-.0036	-.0047	.0027
10.4600	-.0036						-.0047
15.0500	-.0004	-.0036	-.0047	.0029	-.0146	-.0028	-.0004
19.6500	-.0026	-.0004	-.0036	-.0045	.0029	-.0146	.0000

MACH (1) = .782 WA (7) = 1.202 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0156	-.0023	-.0001	-.0037	-.0048	.0143	-.0156
5.8500	.0145	-.0156	-.0023	-.0001	-.0037	-.0045	.0143
10.4600	-.0037						-.0045
15.0500	-.0001	-.0037	-.0048	.0145	-.0156	-.0023	-.0001
19.6500	-.0023	-.0001	-.0037	-.0045	.0147	-.0156	.0000

CALIBRATION PANEL - LOW Q (RACS01)

MACH (1) = .782 WA (8) = 1.676 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0152	-.0023	-.0001	-.0044	-.0048	.0053	-.0152
5.8500	.0055	-.0152	-.0023	-.0001	-.0044	-.0048	.0055
10.4600	-.0044						-.0048
15.0500	-.0001	-.0044	-.0048	.0055	-.0152	-.0023	-.0001
19.6500	-.0023	-.0001	-.0044	-.0048	.0057	-.0149	.0000

MACH (1) = .782 WA (9) = 1.706 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0157	-.0035	-.0013	-.0043	-.0054	.0057	-.0157
5.8500	.0059	-.0155	-.0035	-.0013	-.0043	-.0051	.0057
10.4600	-.0043						-.0051
15.0500	-.0011	-.0043	-.0051	.0064	-.0155	-.0033	-.0013
19.6500	-.0033	-.0011	-.0043	-.0051	.0068	-.0153	.0000

MACH (1) = .782 WA (10) = 1.763 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0152	-.0033	-.0004	-.0045	-.0049	.0016	-.0152
5.8500	.0018	-.0152	-.0033	-.0004	-.0045	-.0047	.0018
10.4600	-.0045						-.0047
15.0500	-.0004	-.0045	-.0047	.0018	-.0152	-.0033	-.0004
19.6500	-.0033	-.0004	-.0045	-.0047	.0020	-.0150	.0000

MACH (1) = .782 WA (11) = 1.776 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0154	-.0025	-.0006	-.0040	-.0044	.0025	-.0154
5.8500	.0027	-.0154	-.0025	-.0004	-.0040	-.0044	.0025
10.4600	-.0040						-.0044
15.0500	-.0004	-.0040	-.0044	.0027	-.0154	-.0025	-.0004
19.6500	-.0025	-.0004	-.0040	-.0044	.0029	-.0154	.0000

CALIBRATION PANEL - LOW Q (RACS01)

MACH (1) = .783 WA (12) = 3.177 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0155	-.0029	-.0007	-.0043	-.0054	.0043	-.0155
5.8500	.0045	-.0155	-.0029	-.0009	-.0043	-.0054	.0045
10.4600	-.0043						-.0051
15.0500	-.0007	-.0043	-.0054	.0048	-.0155	-.0029	-.0007
19.6500	-.0029	-.0007	-.0043	-.0051	.0050	-.0153	.0000

MACH (1) = .783 WA (13) = 4.629 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0155	-.0033	-.0007	-.0043	-.0051	.0024	-.0155
5.8500	.0024	-.0155	-.0033	-.0007	-.0043	-.0054	.0024
10.4600	-.0040						-.0051
15.0500	-.0007	-.0043	-.0051	.0026	-.0155	-.0033	-.0007
19.6500	-.0033	-.0007	-.0040	-.0051	.0029	-.0155	.0000

MACH (1) = .783 WA (14) = 5.679 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0155	-.0035	-.0009	-.0038	-.0049	.0016	-.0155
5.8500	.0018	-.0155	-.0035	-.0011	-.0038	-.0049	.0016
10.4600	-.0038						-.0047
15.0500	-.0009	-.0038	-.0049	.0018	-.0155	-.0035	-.0009
19.6500	-.0035	-.0009	-.0038	-.0047	.0020	-.0155	.0000

MACH (1) = .783 WA (15) = 6.095 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0151	-.0027	-.0005	-.0041	-.0050	.0019	-.0151
5.8500	.0022	-.0151	-.0027	-.0007	-.0041	-.0050	.0019
10.4600	-.0041						-.0050
15.0500	-.0005	-.0041	-.0050	.0022	-.0151	-.0027	-.0005
19.6500	-.0027	-.0005	-.0041	-.0050	.0026	-.0149	.0000

CALIBRATION PANEL - LOW Q (RACS01)

MACH (1) = .783 WA (16) = 7.360 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0157	-.0037	-.0010	-.0051	-.0049	.0016	-.0157
5.8500	.0018	-.0157	-.0037	-.0010	-.0051	-.0049	.0016
10.4600	-.0051						-.0049
15.0500	-.0010	-.0051	-.0049	.0018	-.0159	-.0037	-.0010
19.6500	-.0037	-.0010	-.0051	-.0049	.0021	-.0157	.0000

MACH (1) = .782 WA (17) = 8.668 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0154	-.0030	-.0004	-.0044	-.0055	.0016	-.0156
5.8500	.0018	-.0156	-.0032	-.0004	-.0044	-.0055	.0016
10.4600	-.0044						-.0053
15.0500	-.0004	-.0044	-.0055	.0018	-.0156	-.0032	-.0004
19.6500	-.0030	-.0004	-.0044	-.0053	.0020	-.0154	.0000

MACH (2) = .896 WA (1) = .055 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0194	.0133	.0157	.0296	.0020	-.0162	-.0190
5.8500	.0286	.0146	.0229	-.0150	-.0172	-.0897	-.0115
10.4600	.0207						-.0182
15.0500	-.0204	-.0114	.0093	-.0143	-.0352	-.0923	-.0316
19.6500	-.0245	.0058	.0075	.0052	-.0090	-.0229	.0000

MACH (2) = .902 WA (2) = .960 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0257	.0258	.0301	.0404	.0020	-.0322	-.0293
5.8500	.0363	.0321	.0397	-.0056	-.0248	-.1304	-.0304
10.4600	.0293						-.0420
15.0500	-.0100	.0091	.0305	-.0098	-.0345	-.1225	-.0454
19.6500	-.0185	.0146	.0182	.0118	-.0113	-.0374	.0000

CALIBRATION PANEL - LOW Q (RACS01)

MACH (2) = .903 WA (3) = 1.102 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0244	.0281	.0328	.0418	.0027	-.0339	-.0293
5.8500	.0393	.0341	.0411	-.0102	-.0342	-.1363	-.0352
10.4600	.0308						-.0460
15.0500	-.0054	.0146	.0359	-.0032	-.0367	-.1344	-.0503
19.6500	-.0130	.0211	.0244	.0179	-.0054	-.0351	.0000

MACH (2) = .907 WA (4) = 1.701 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0298	.0349	.0410	.0481	.0020	-.0488	-.0402
5.8500	.0439	.0480	.0525	.0002	-.0376	-.1566	-.0488
10.4600	.0383						-.0632
15.0500	-.0005	.0254	.0466	.0052	-.0456	-.1572	-.0608
19.6500	-.0069	.0303	.0346	.0265	-.0091	-.0440	.0000

MACH (2) = .901 WA (5) = 3.043 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0371	.0523	.0614	.0634	.0012	-.0720	-.0645
5.8500	.0520	.0674	.0802	.0104	-.0581	-.2368	-.0916
10.4600	.0462						-.1208
15.0500	.0088	.0497	.0746	.0264	-.0500	-.2131	-.1009
19.6500	.0006	.0424	.0494	.0397	-.0098	-.0697	.0000

MACH (2) = .901 WA (6) = 4.501 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0510	.0716	.0854	.0865	.0121	-.1024	-.1016
5.8500	.0654	.0939	.1150	.0638	-.0293	-.3229	-.1456
10.4600	.0608						-.1885
15.0500	.0192	.0738	.1049	.0669	-.0274	-.2928	-.1460
19.6500	.0110	.0591	.0690	.0607	-.0078	-.0961	.0000

CALIBRATION PANEL - LOW Q (RACS01)

MACH (2) = .903 WA (7) = 5.708 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0668	.0889	.1068	.1094	.0281	-.1062	-.1336
5.8500	.0864	.1246	.1455	.1080	-.0420	-.3876	-.1892
10.4600	.0809						-.2136
15.0500	.0417	.1078	.1417	.1165	-.0414	-.3538	-.1793
19.6500	.0263	.0828	.0955	.0892	.0139	-.0996	.0000

MACH (2) = .904 WA (8) = 6.071 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0697	.0922	.1102	.1122	.0288	-.1081	-.1358
5.8500	.0851	.1264	.1490	.1127	-.0406	-.3859	-.1846
10.4600	.0806						-.2223
15.0500	.0430	.1103	.1432	.1176	-.0397	-.3766	-.1881
19.6500	.0266	.0843	.0983	.0907	.0110	-.1038	.0000

MACH (2) = .904 WA (9) = 7.273 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0775	.1079	.1284	.1237	.0264	-.1100	-.1517
5.8500	.0976	.1470	.1675	.1146	-.1014	-.4621	-.2160
10.4600	.0940						-.2288
15.0500	.0519	.1300	.1625	.1234	-.0918	-.4598	-.2024
19.6500	.0379	.0979	.1129	.0991	.0066	-.1110	.0000

MACH (2) = .903 WA (10) = 8.504 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0912	.1273	.1489	.1349	.0271	-.1159	-.1600
5.8500	.1111	.1708	.1892	.1180	-.1387	-.4887	-.2265
10.4600	.1073						-.2472
15.0500	.0649	.1530	.1835	.1344	-.1668	-.5177	-.2189
19.6500	.0515	.1148	.1301	.1107	.0063	-.1160	.0000

CALIBRATION PANEL - LOW Q (RACS01)

MACH (3) = 1.104 WA (1) = .046 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0299	.0341	.0296	.0475	.0222	-.0124	-.0189
5.8500	.0350	.0335	.0382	.0117	.0186	-.0671	-.0154
10.4600	.0228						-.0142
15.0500	-.0312	.0036	.0266	.0077	.0025	-.0694	-.0323
19.6500	-.0290	.0161	.0203	.0219	.0077	-.0034	.0000

MACH (3) = 1.103 WA (2) = .997 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0313	.0449	.0530	.0703	.0326	-.0205	-.0385
5.8500	.0360	.0523	.0651	.0344	.0067	-.1121	-.0434
10.4600	.0212						-.0473
15.0500	-.0255	.0276	.0577	.0341	.0053	-.1068	-.0547
19.6500	-.0240	.0300	.0460	.0477	.0202	-.0156	.0000

MACH (3) = 1.103 WA (3) = 1.049 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0334	.0460	.0534	.0714	.0332	-.0203	-.0420
5.8500	.0391	.0558	.0693	.0381	.0154	-.1061	-.0382
10.4600	.0254						-.0438
15.0500	-.0290	.0293	.0619	.0394	.0066	-.1000	-.0515
19.6500	-.0267	.0312	.0472	.0488	.0212	-.0149	.0000

MACH (3) = 1.103 WA (4) = 1.684 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0349	.0574	.0726	.0876	.0424	-.0247	-.0485
5.8500	.0442	.0688	.0890	.0490	.0171	-.1274	-.0544
10.4600	.0280						-.0629
15.0500	-.0273	.0422	.0763	.0456	.0038	-.1235	-.0564
19.6500	-.0303	.0348	.0569	.0574	.0216	-.0307	.0000

CALIBRATION PANEL - LOW Q (RACS01)

MACH (3) = 1.104 WA (5) = 3.089 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0393	.0734	.1024	.1161	.0590	-.0474	-.0868
5.8500	.0502	.1000	.1274	.0858	.0318	-.1945	-.0993
10.4600	.0371						-.1195
15.0500	-.0145	.0794	.1207	.0866	.0297	-.1713	-.1032
19.6500	-.0228	.0603	.0902	.0929	.0431	-.0417	.0000

MACH (3) = 1.104 WA (6) = 4.426 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0459	.0967	.1329	.1467	.0863	-.0513	-.1100
5.8500	.0601	.1308	.1615	.1415	.0547	-.2461	-.1341
10.4600	.0464						-.1784
15.0500	.0003	.1151	.1565	.1439	.0659	-.2389	-.1409
19.6500	-.0102	.0861	.1195	.1279	.0733	-.0440	.0000

MACH (3) = 1.103 WA (7) = 5.505 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0545	.1174	.1581	.1676	.0921	-.0557	-.1241
5.8500	.0697	.1565	.1885	.1617	.0358	-.3128	-.1432
10.4600	.0575						-.1957
15.0500	.0006	.1439	.1867	.1637	.0262	-.3192	-.1541
19.6500	-.0118	.1068	.1447	.1505	.0770	-.0489	.0000

MACH (3) = 1.106 WA (8) = 5.885 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0574	.1262	.1676	.1742	.0948	-.0520	-.1252
5.8500	.0702	.1673	.1998	.1632	.0052	-.3643	-.1552
10.4600	.0594						-.2021
15.0500	.0105	.1559	.1960	.1722	.0157	-.3522	-.1568
19.6500	-.0055	.1120	.1503	.1519	.0767	-.0511	.0000

CALIBRATION PANEL - LOW Q (RACS01)

MACH (3) = 1.106 WA (9) = 7.144 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6950	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0711	.1499	.1931	.1883	.0951	-.0640	-.1360
5.8500	.0884	.2004	.2247	.1674	-.0268	-.4276	-.1669
10.4600	.0785						-.2057
15.0500	.0220	.1867	.2229	.1837	-.0441	-.4513	-.1677
19.6500	-.0009	.1390	.1833	.1772	.0849	-.0520	.0000

MACH (3) = 1.104 WA (10) = 8.434 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0823	.1724	.2140	.1999	.0968	-.0723	-.1463
5.8500	.1007	.2255	.2502	.1670	-.0634	-.5108	-.1957
10.4600	.0906						-.2246
15.0500	.0394	.2149	.2439	.1812	-.1072	-.5646	-.1915
19.6500	.0015	.1559	.2021	.1861	.0842	-.0649	.0000

MACH (4) = 1 253 WA (1) = .042 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0132	.0341	.0149	.0406	.0176	.0038	-.0315
5.8500	.0168	.0319	.0314	.0072	.0155	-.0477	-.0258
10.4600	-.0008						-.0178
15.0500	-.0635	-.0035	.0171	.0015	.0010	-.0431	-.0415
19.6500	-.0391	.0046	.0075	.0059	-.0029	.0080	.0000

MACH (4) = 1.252 WA (2) = .993 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0117	.0377	.0390	.0667	.0369	-.0077	-.0515
5.8500	.0175	.0442	.0616	.0358	.0202	-.0807	-.0548
10.4600	-.0007						-.0519
15.0500	-.0617	.0135	.0497	.0334	.0122	-.0728	-.0630
19.6500	-.0364	.0081	.0319	.0377	.0180	-.0013	.0000

CALIBRATION PANEL - LOW Q (RACS01)

MACH (4) = 1.254 WA (3) = 1.109 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0152	.0408	.0448	.0722	.0406	-.0068	-.0519
5.8500	.0172	.0490	.0666	.0392	.0204	-.0869	-.0560
10.4600	.0007						-.0523
15.0500	-.0625	.0167	.0561	.0396	.0155	-.0766	-.0633
19.6500	-.0338	.0105	.0367	.0422	.0214	.0001	.0000

MACH (4) = 1.256 WA (4) = 1.725 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0170	.0462	.0592	.0878	.0514	-.0122	-.0641
5.8500	.0192	.0600	.0857	.0547	.0241	-.1075	-.0665
10.4600	.0025						-.0693
15.0500	-.0580	.0299	.0766	.0537	.0192	-.0961	-.0741
19.6500	-.0341	.0134	.0505	.0580	.0316	-.0041	.0000

MACH (4) = 1.256 WA (5) = 3.141 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0181	.0569	.0919	.1233	.0884	-.0183	-.0881
5.8500	.0222	.0854	.1240	.1102	.0657	-.1564	-.1114
10.4600	.0046						-.1391
15.0500	-.0614	.0572	.1192	.1114	.0733	-.1314	-.1075
19.6500	-.0272	.0240	.0822	.0963	.0686	-.0151	.0000

MACH (4) = 1.255 WA (6) = 4.522 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0174	.0707	.1269	.1529	.0966	-.0284	-.0997
5.8500	.0198	.1125	.1611	.1394	.0484	-.2414	-.1140
10.4600	.0028						-.1633
15.0500	-.0590	.0926	.1583	.1416	.0555	-.2366	-.1258
19.6500	-.0290	.0333	.1156	.1312	.0804	-.0208	.0000

CALIBRATION PANEL - LOW Q (RACS01)

MACH (4) = 1.255 WA (7) = 5.657 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0187	.0827	.1514	.1714	.1057	-.0294	-.1081
5.8500	.0240	.1420	.1862	.1509	.0177	-.3160	-.1311
10.4600	.0060						-.1719
15.0500	-.0486	.1247	.1836	.1611	.0000	-.3343	-.1285
19.6500	-.0272	.0492	.1383	.1512	.0834	-.0300	.0000

MACH (4) = 1.255 WA (8) = 6.076 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0188	.0919	.1618	.1749	.1040	-.0355	-.1089
5.8500	.0249	.1484	.1946	.1547	.0077	-.3424	-.1328
10.4600	.0072						-.1736
15.0500	-.0602	.1304	.1936	.1674	.0037	-.3710	-.1352
19.6500	-.0265	.0568	.1445	.1556	.0847	-.0331	.0000

MACH (4) = 1.255 WA (9) = 7.211 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0237	.1102	.1875	.1901	.1102	-.0428	-.1165
5.8500	.0285	.1793	.2197	.1395	-.0329	-.4450	-.1562
10.4600	.0098						-.1824
15.0500	-.0555	.1645	.2183	.1689	-.0497	-.4663	-.1541
19.6500	-.0250	.0781	.1701	.1723	.0893	-.0388	.0000

MACH (4) = 1.256 WA (10) = 8.423 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0241	.1372	.2136	.1992	.1119	-.0523	-.1204
5.8500	.0339	.2114	.2464	.1382	-.0417	-.4902	-.1681
10.4600	.0145						-.1913
15.0500	-.0478	.2008	.2433	.1663	-.0831	-.5262	-.1712
19.6500	-.0202	.1016	.1938	.1831	.0940	-.0464	.0000

CALIBRATION PANEL - LOW Q (RACS01)

MACH (5) = 1.401 WA (1) = .029 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6850	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0131	.0506	.0332	.0595	.0354	.0246	-.0074
5.8500	.0150	.0529	.0496	.0231	.0348	-.0231	-.0040
10.4600	.0074						.0120
15.0500	-.0491	.0117	.0306	.0160	.0187	-.0095	-.0109
19.6500	-.0186	.0195	.0240	.0221	.0147	.0325	.0000

MACH (5) = 1.416 WA (2) = .100 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0139	.0522	.0352	.0627	.0407	.0244	-.0100
5.8500	.0170	.0575	.0542	.0277	.0377	-.0278	-.0074
10.4600	.0065						.0082
15.0500	-.0459	.0157	.0375	.0176	.0232	-.0124	-.0155
19.6500	-.0180	.0215	.0279	.0253	.0170	.0339	.0000

MACH (5) = 1.403 WA (3) = 1.030 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0127	.0536	.0635	.0929	.0652	.0192	-.0276
5.8500	.0168	.0666	.0908	.0673	.0517	-.0533	-.0333
10.4600	.0055						-.0318
15.0500	-.0484	.0295	.0794	.0659	.0486	-.0423	-.0402
19.6500	-.0181	.0212	.0523	.0627	.0461	.0262	.0000

MACH (5) = 1.414 WA (4) = 1.143 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0144	.0533	.0654	.0958	.0677	.0180	-.0290
5.8500	.0183	.0685	.0932	.0710	.0535	-.0566	-.0335
10.4600	.0085						-.0337
15.0500	-.0475	.0305	.0826	.0692	.0537	-.0440	-.0395
19.6500	-.0165	.0234	.0563	.0665	.0501	.0285	.0000

CALIBRATION PANEL - LOW Q (RACS01)

MACH (5) = 1.401 WA (5) = 1.729 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0136	.0548	.0804	.1148	.0931	.0172	-.0500
5.8500	.0141	.0755	.1133	.1019	.0794	-.0835	-.0612
10.4600	.0050						-.0877
15.0500	-.0519	.0392	.1050	.1019	.0849	-.0662	-.0659
19.6500	-.0198	.0205	.0681	.0850	.0724	.0227	.0000

MACH (5) = 1.396 WA (6) = 3.266 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0089	.0601	.1211	.1522	.1067	.0027	-.0680
5.8500	.0115	.1026	.1558	.1381	.0643	-.1821	-.0808
10.4600	.0004						-.1240
15.0500	-.0552	.0755	.1536	.1440	.0808	-.1601	-.0890
19.6500	-.0220	.0218	.1070	.1300	.0914	.0070	.0000

MACH (5) = 1.400 WA (7) = 4.761 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0068	.0777	.1661	.1789	.1171	-.0115	-.0424
5.8500	.0103	.1483	.1992	.1484	.0141	-.3234	-.1072
10.4600	.0003						-.1369
15.0500	-.0554	.1315	.1991	.1672	.0058	-.3337	-.1084
19.6500	-.0210	.0352	.1473	.1627	.1010	-.0058	.0000

MACH (5) = 1.395 WA (8) = 5.969 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0030	.0947	.1918	.1896	.1210	-.0225	-.0928
5.8500	.0059	.1791	.2239	.1447	-.0038	-.3767	-.1275
10.4600	-.0052						-.1526
15.0500	-.0503	.1635	.2223	.1664	-.0346	-.4177	-.1322
19.6500	-.0254	.0519	.1726	.1745	.1016	-.0171	.0000

CALIBRATION PANEL - LOW Q (RACS01)

MACH (5) = 1.398 WA (9) = 6.036 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0028	.1034	.2002	.1931	.1208	-.0257	-.0917
5.8500	.0076	.1926	.2318	.1375	-.0106	-.4063	-.1337
10.4600	-.0033						-.1524
15.0500	-.0596	.1784	.2320	.1623	-.0410	-.4298	-.1356
19.6500	-.0216	.0664	.1800	.1757	.1035	-.0201	.0000

MACH (5) = 1.397 WA (10) = 7.102 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0037	.1307	.2198	.2033	.1239	-.0341	-.1030
5.8500	.0073	.2253	.2514	.1168	-.0225	-.4323	-.1452
10.4600	-.0048						-.1545
15.0500	-.0589	.2212	.2558	.1352	-.0769	-.4445	-.1596
19.6500	-.0185	.1029	.2049	.1841	.1014	-.0303	.0000

MACH (5) = 1.396 WA (11) = 8.420 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0050	.1656	.2424	.2181	.1267	-.0472	-.1122
5.8500	.0081	.2662	.2625	.0983	-.0443	-.4739	-.1678
10.4500	-.0006						-.1602
15.0500	-.0585	.2618	.2748	.0976	-.1036	-.4729	-.1964
19.6500	-.0250	.1473	.2266	.1967	.0982	-.0409	.0000

CALIBRATION PANEL - MEDIUM Q (RACS02) (15 JAN 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 2.000

MACH (1) = 1.107 WA (1) = .053 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0300	.0348	.0305	.0497	.0241	-.0047	-.0193
5.8500	.0351	.0327	.0396	.0151	.0177	-.0661	-.0155
10.4600	.0208						-.0189
15.0500	-.0324	.0060	.0291	.0123	.0042	-.0682	-.0350
19.6500	-.0329	.0170	.0218	.0222	.0138	-.0024	.0000

MACH (1) = 1.106 WA (2) = .981 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0302	.0449	.0514	.0713	.0341	-.0161	-.0349
5.8500	.0354	.0489	.0623	.0335	.0176	-.0991	-.0404
10.4600	.0207						-.0441
15.0500	-.0306	.0246	.0553	.0324	.0005	-.0988	-.0532
19.6500	-.0263	.0274	.0425	.0441	.0176	-.0143	.0000

MACH (1) = 1.107 WA (3) = 1.119 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0323	.0472	.0553	.0736	.0359	-.0195	-.0361
5.8500	.0358	.0526	.0674	.0368	.0150	-.1087	-.0427
10.4600	.0221						-.0485
15.0500	-.0268	.0257	.0571	.0332	.0014	-.1024	-.0572
19.6500	-.0270	.0283	.0450	.0471	.0195	-.0153	.0000

CALIBRATION PANEL - MEDIUM Q (RACS02)

MACH (1) = 1.108 WA (4) = 1.723 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0325	.0529	.0665	.0837	.0387	-.0276	-.0499
5.8500	.0406	.0642	.0819	.0446	.0108	-.1313	-.0590
10.4600	.0258						-.0598
15.0500	-.0270	.0392	.0735	.0453	.0061	-.1174	-.0663
19.6500	-.0225	.0344	.0557	.0563	.0212	-.0242	.0000

MACH (1) = 1.105 WA (5) = 3.133 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0364	.0686	.0946	.1076	.0542	-.0414	-.0714
5.8500	.0439	.0888	.1163	.0684	.0215	-.1748	-.0839
10.4600	.0308						-.0987
15.0500	-.0195	.0691	.1079	.0695	.0157	-.1594	-.0929
19.6500	-.0255	.0510	.0799	.0804	.0343	-.0411	.0000

MACH (1) = 1.106 WA (6) = 4.502 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0431	.0849	.1189	.1363	.0854	-.0479	-.1063
5.8500	.0502	.1141	.1479	.1278	.0675	-.2062	-.1352
10.4600	.0351						-.1757
15.0500	-.0213	.0962	.1416	.1310	.0754	-.1993	-.1343
19.6500	-.0194	.0720	.1054	.1153	.0692	-.0419	.0000

MACH (1) = 1.107 WA (7) = 5.654 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0502	.1041	.1437	.1558	.0890	-.0558	-.1120
5.8500	.0574	.1392	.1669	.1441	.0373	-.2767	-.1435
10.4600	.0450						-.1895
15.0500	-.0067	.1240	.1693	.1489	.0608	-.2645	-.1488
19.6500	-.0155	.0909	.1293	.1378	.0778	-.0478	.0000

CALIBRATION PANEL - MEDIUM Q (RACS02)

MACH (1) = 1.108 WA (8) = 6.076 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0511	.1101	.1514	.1642	.0951	-.0519	-.1206
5.8500	.0608	.1475	.1811	.1542	.0370	-.2938	-.1378
10.4600	.0471						-.1953
15.0500	-.0084	.1317	.1772	.1561	.0477	-.2945	-.1520
19.6500	-.0143	.0970	.1360	.1439	.0794	-.0490	.0000

MACH (1) = 1.106 WA (9) = 7.209 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0573	.1290	.1718	.1756	.0938	-.0584	-.1311
5.8500	.0713	.1700	.1999	.1608	-.0052	-.3883	-.1664
10.4600	.0603						-.2030
15.0500	.0051	.1567	.1992	.1767	.0139	-.3807	-.1553
19.6500	-.0113	.1150	.1552	.1589	.0771	-.0557	.0000

MACH (1) = 1.108 WA (10) = 8.415 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0687	.1500	.1953	.1945	.1024	-.0588	-.1360
5.8500	.0844	.1981	.2275	.1749	-.0213	-.4238	-.1747
10.4600	.0745						-.2104
15.0500	.0305	.1849	.2203	.1821	-.0291	-.4486	-.1709
19.6500	-.0059	.1364	.1794	.1724	.0807	-.0593	.0000

MACH (2) = 1.401 WA (1) = .035 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0023	.0391	.0186	.0477	.0273	.0135	-.0200
5.8500	.0006	.0439	.0386	.0101	.0224	-.0371	-.0147
10.4600	-.0090						.0028
15.0500	-.0615	-.0001	.0197	.0044	.0069	-.0214	-.0232
19.6500	-.0323	.0069	.0132	.0098	.0036	.0215	.0000

CALIBRATION PANEL - MEDIUM Q (RACS02)

MACH (2) = 1.413 WA (2) = .095 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0088	.0503	.0308	.0615	.0397	.0240	-.0142
5.8500	.0118	.0546	.0519	.0241	.0353	-.0289	-.0079
10.4600	.0026						.0076
15.0500	-.0512	.0120	.0335	.0163	.0196	-.0136	-.0179
19.6500	-.0214	.0183	.0251	.0222	.0161	.0310	.0000

MACH (2) = 1.410 WA (3) = .380 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0071	.0485	.0511	.0811	.0604	.0176	-.0292
5.8500	.0102	.0599	.0786	.0511	.0439	-.0553	-.0327
10.4600	.0006						-.0296
15.0500	-.0544	.0194	.0667	.0523	.0412	-.0388	-.0407
19.6500	-.0238	.0173	.0428	.0494	.0387	.0247	.0000

MACH (2) = 1.401 WA (4) = 1.088 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0238	.0416	.0466	.0794	.0559	.0100	-.0373
5.8500	.0029	.0544	.0758	.0508	.0397	-.0613	-.0614
10.4600	-.0066						-.0385
15.0500	-.0606	.0145	.0624	.0471	.0334	-.0459	-.0468
19.6500	-.0302	.0087	.0368	.0456	.0341	.0187	.0000

MACH (2) = 1.401 WA (5) = 1.706 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0019	.0429	.0612	.0956	.0699	.0059	-.0473
5.8500	.0016	.0610	.0937	.0750	.0491	-.0892	-.0541
10.4600	-.0089						-.0614
15.0500	-.0623	.0237	.0851	.0746	.0472	-.0711	-.0576
19.6500	-.0320	.0092	.0512	.0655	.0486	.0140	.0000

CALIBRATION PANEL - MEDIUM Q (RACS02)

MACH (2) = 1.397 WA (6) = 3.222 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0041	.0456	.0944	.1303	.0959	-.0003	-.0725
5.8500	.0017	.0817	.1304	.1180	.0683	-.1425	-.0847
10.4600	-.0108						-.1206
15.0500	-.0637	.0503	.1279	.1202	.0783	-.1249	-.0923
19.6500	-.0351	.0100	.0838	.1066	.0795	.0049	.0000

MACH (2) = 1.395 WA (7) = 4.633 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0057	.0515	.1271	.1543	.1030	-.0100	-.0835
5.8500	-.0046	.1050	.1631	.1362	.0348	-.2570	-.0976
10.4600	-.0145						-.1361
15.0500	-.0665	.0817	.1631	.1470	.0460	-.2457	-.0986
19.6500	-.0357	.0122	.1163	.1365	.0874	-.0062	.0000

MACH (2) = 1.393 WA (8) = 5.750 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0086	.0620	.1524	.1671	.1063	-.0188	-.0896
5.8500	-.0048	.1319	.1876	.1394	.0066	-.3205	-.1109
10.4600	-.0169						-.1448
15.0500	-.0674	.1095	.1873	.1588	-.0160	-.3450	-.1129
19.6500	-.0337	.0170	.1356	.1520	.0914	-.0139	.0000

MACH (2) = 1.390 WA (9) = 6.070 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0088	.0686	.1619	.1707	.1093	-.0219	-.0903
5.8500	-.0059	.1412	.1953	.1404	-.0035	-.3512	-.1164
10.4600	-.0166						-.1528
15.0500	-.0683	.1272	.1943	.1574	-.0169	-.3613	-.1193
19.6500	-.0349	.0169	.1413	.1564	.0933	-.0161	.0000

CALIBRATION PANEL - MEDIUM Q (RACS02)

MACH (2) = 1.387 WA (10) = 7.397 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0122	.0828	.1858	.1835	.1146	-.0313	-.1011
5.8500	-.0086	.1744	.2199	.1284	-.0171	-.4090	-.1390
10.4600	-.0179						-.1605
15.0500	-.0716	.1620	.2172	.1506	-.0496	-.4317	-.1400
19.6500	-.0368	.0354	.1646	.1662	.0963	-.0265	.0000

MACH (2) = 1.393 WA (11) = 8.558 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0081	.1134	.2119	.1982	.1182	-.0392	-.1009
5.8500	-.0014	.2103	.2474	.1180	-.0398	-.4413	-.1479
10.4600	-.0133						-.1570
15.0500	-.0667	.2013	.2387	.1399	-.0595	-.4530	-.1609
19.6500	-.0283	.0760	.1905	.1763	.1019	-.0285	.0000

CALIBRATION PANEL - HIGH Q (RACS03) (15 JAN 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 3.000

MACH (1) = 1.109 WA (1) = .065 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0288	.0362	.0325	.0524	.0280	-.0036	-.0158
5.8500	.0345	.0346	.0412	.0147	.0193	-.0648	-.0113
10.4600	.0171						-.0138
15.0500	-.0337	.0088	.0325	.0127	.0051	-.0651	-.0325
19.6500	-.0356	.0163	.0234	.0236	.0129	-.0018	.0000

MACH (1) = 1.107 WA (2) = .995 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0285	.0423	.0492	.0687	.0343	-.0143	-.0337
5.8500	.0333	.0468	.0609	.0313	.0120	-.0965	-.0340
10.4600	.0169						-.0380
15.0500	-.0387	.0201	.0519	.0294	.0024	-.0949	-.0495
19.6500	-.0342	.0212	.0376	.0385	.0146	-.0157	.0000

MACH (1) = 1.106 WA (3) = 1.098 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0282	.0435	.0503	.0688	.0360	-.0124	-.0284
5.8500	.0327	.0489	.0634	.0336	.0127	-.0993	-.0303
10.4600	.0171						-.0359
15.0500	-.0388	.0224	.0543	.0314	.0013	-.0919	-.0475
19.6500	-.0376	.0221	.0387	.0397	.0178	-.0137	.0000

CALIBRATION PANEL - HIGH Q (RACS03)

MACH (1) = 1.107 WA (4) = 1.728 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0294	.0478	.0590	.0781	.0380	-.0231	-.0471
5.8500	.0381	.0571	.0750	.0413	.0163	-.1153	-.0446
10.4600	.0208						-.0517
15.0500	-.0391	.0325	.0684	.0447	.0061	-.1066	-.0610
19.6500	-.0275	.0316	.0522	.0528	.0239	-.0194	.0000

MACH (1) = 1.106 WA (5) = 3.127 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0339	.0629	.0842	.0985	.0513	-.0341	-.0581
5.8500	.0402	.0800	.1055	.0593	.0187	-.1503	-.0664
10.4600	.0248						-.0754
15.0500	-.0333	.0568	.0965	.0580	.0150	-.1394	-.0796
19.6500	-.0286	.0453	.0737	.0725	.0325	-.0321	.0000

MACH (1) = 1.105 WA (6) = 4.506 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0353	.0764	.1081	.1196	.0628	-.0459	-.0765
5.8500	.0440	.1017	.1327	.0877	.0316	-.1932	-.0956
10.4600	.0272						-.1188
15.0500	-.0202	.0821	.1225	.0865	.0234	-.1767	-.1014
19.6500	-.0244	.0626	.0955	.0967	.0479	-.0416	.0000

MACH (1) = 1.107 WA (7) = 5.665 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0411	.0877	.1244	.1419	.0892	-.0453	-.1023
5.8500	.0510	.1214	.1519	.1335	.0678	-.2181	-.1300
10.4600	.0373						-.1680
15.0500	-.0255	.1004	.1471	.1355	.0751	-.2015	-.1282
19.6500	-.0239	.0744	.1121	.1209	.0742	-.0413	.0000

CALIBRATION PANEL - HIGH Q (RACS03)

MACH (1) = 1.105 WA (8) = 6.080 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6850	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0422	.0934	.1321	.1481	.0906	-.0471	-.1042
5.8500	.0554	.1258	.1590	.1374	.0578	-.2328	-.1249
10.4600	.0429						-.1658
15.0500	-.0098	.1105	.1544	.1398	.0704	-.2304	-.1308
19.6500	-.0217	.0801	.1165	.1262	.0758	-.0446	.0000

MACH (1) = 1.105 WA (9) = 7.159 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0446	.1056	.1486	.1616	.0949	-.0536	-.1213
5.8500	.0580	.1464	.1802	.1540	.0394	-.2969	-.1409
10.4600	.0437						-.1870
15.0500	-.0056	.1301	.1743	.1579	.0517	-.2808	-.1482
19.6500	-.0141	.0977	.1362	.1434	.0776	-.0465	.0000

MACH (1) = 1.105 WA (10) = 8.429 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0509	.1253	.1692	.1740	.0963	-.0549	-.1255
5.8500	.0669	.1692	.1995	.1661	.0124	-.3632	-.1591
10.4600	.0525						-.1992
15.0500	-.0095	.1533	.1983	.1750	.0286	-.3475	-.1502
19.6500	-.0121	.1124	.1527	.1548	.0768	-.0527	.0000

MACH (2) = 1.395 WA (1) = .044 RN/L = 5.1710 TTF = 122.43

SECTION (1)CAL PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	-.0127	.0322	.0120	.0429	.0236	.0067	-.0257
5.8500	-.0089	.0370	.0326	.0055	.0164	-.0422	-.0178
10.4600	-.0183						-.0023
15.0500	-.0703	-.0072	.0146	-.0022	.0011	-.0246	-.0315
19.6500	-.0385	-.0008	.0089	.0048	.0027	.0166	.0000

CALIBRATION PANEL - LOW Q (RACE01) (15 JAN 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

MACH (1) = .787 WA (1) = .104 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0004	-.0004	-.0004	-.0004	-.0009	-.0006	-.0004	-.0006
-.75000	-.0006	-.0004	-.0004	-.0009	-.0006	-.0004	-.0004	-.0006
-.50000	-.0006	-.0006	-.0009	-.0006	-.0004	-.0009	-.0006	-.0004
-.20000	-.0004	-.0006	-.0006	-.0004	-.0009	-.0006	-.0004	-.0006
.20000	-.0006	-.0004	-.0004	-.0009	-.0006	-.0004	-.0004	-.0006
.40000	-.0004	-.0006	-.0009	-.0004	-.0004	-.0006	-.0006	-.0004
.70000	-.0004	-.0004	-.0004	-.0004	-.0004	-.0004	-.0004	-.0006
1.10000	-.0006	-.0004	-.0004	-.0002	-.0004	-.0004	-.0004	-.0004
1.40000	-.0004	-.0006	.0001	-.0006	-.0004	.0001	-.0006	-.0004

MACH (1) = .787 WA (2) = .893 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0004	-.0004	-.0004	-.0004	-.0004	-.0004	-.0004	-.0006
-.75000	-.0006	-.0006	-.0004	-.0006	-.0004	-.0004	-.0006	-.0006
-.50000	-.0004	-.0006	-.0009	-.0004	-.0004	-.0009	-.0006	-.0004
-.20000	-.0004	-.0004	-.0004	-.0004	-.0009	-.0004	-.0004	-.0006
.20000	-.0006	-.0004	-.0004	-.0011	-.0002	-.0004	-.0004	-.0004
.40000	-.0004	-.0004	-.0011	-.0004	-.0004	-.0011	-.0004	-.0004
.70000	-.0004	-.0004	-.0002	-.0004	-.0009	-.0002	-.0004	-.0004
1.10000	-.0004	-.0004	-.0004	-.0009	-.0002	-.0004	-.0004	-.0004
1.40000	-.0004	-.0004	-.0009	-.0002	-.0002	-.0009	-.0006	-.0004

CALIBRATION PANEL - LOW Q (RACE01)

MACH (1) = .787 WA (3) = .939 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0006	-.0006	-.0006	-.0006	-.0006	-.0006	-.0006	-.0004
-.75000	-.0004	-.0004	-.0006	-.0009	-.0006	-.0006	-.0004	-.0006
-.50000	-.0006	-.0004	-.0009	-.0006	-.0006	-.0011	-.0004	-.0004
-.20000	-.0004	-.0004	-.0004	-.0006	-.0011	-.0006	-.0006	-.0004
.20000	-.0004	-.0004	-.0004	-.0011	-.0006	-.0006	-.0006	-.0004
.40000	-.0004	-.0004	-.0011	-.0006	-.0004	-.0011	-.0004	-.0004
.70000	-.0004	-.0004	-.0004	-.0006	-.0011	-.0004	-.0004	-.0004
1.10000	-.0004	-.0004	-.0004	-.0011	-.0004	-.0004	-.0006	-.0004
1.40000	-.0004	-.0004	-.0011	-.0006	-.0004	-.0009	-.0004	-.0006

MACH (1) = .782 WA (4) = .969 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0041	.0003	-.0029	-.0033	.0045	-.0029	.0006	-.0145
-.75000	-.0143	-.0041	-.0033	.0045	-.0029	-.0033	-.0041	.0003
-.50000	.0003	-.0145	.0043	-.0029	-.0033	.0043	-.0145	-.0041
-.20000	-.0041	.0003	-.0029	-.0033	.0043	-.0029	.0003	-.0145
.20000	-.0145	-.0041	-.0033	.0043	-.0029	-.0033	-.0041	.0003
.40000	.0003	-.0145	.0043	-.0029	-.0033	.0043	-.0145	-.0041
.70000	-.0041	.0003	-.0029	-.0033	.0043	-.0029	.0003	-.0145
1.10000	-.0145	-.0041	-.0033	.0043	-.0029	-.0033	-.0041	.0003
1.40000	.0003	-.0145	.0043	-.0029	-.0033	.0043	-.0145	-.0041

MACH (1) = .782 WA (5) = 1.111 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0050	-.0004	-.0032	-.0042	.0023	-.0032	-.0004	-.0159
-.75000	-.0159	-.0050	-.0042	.0023	-.0032	-.0042	-.0050	-.0004
-.50000	-.0004	-.0159	.0023	-.0030	-.0042	.0023	-.0161	-.0050
-.20000	-.0048	-.0004	-.0032	-.0042	.0023	-.0032	-.0004	-.0161
.20000	-.0159	-.0048	-.0042	.0023	-.0030	-.0042	-.0050	-.0006
.40000	-.0004	-.0348	.0023	-.0030	-.0042	.0023	-.0159	-.0050
.70000	-.0048	-.0004	-.0030	-.0042	.0023	-.0032	-.0004	-.0159
1.10000	-.0159	-.0048	-.0042	.0023	-.0032	-.0042	-.0048	-.0004
1.40000	-.0004	-.0159	.0023	-.0032	-.0042	.0023	-.0159	-.0050

CALIBRATION PANEL - LOW Q (RACE01)

MACH (1) = .782 WA (6) = 1.175 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0047	-.0004	-.0028	-.0036	.0022	-.0028	-.0004	-.0148
-.75000	-.0151	-.0047	-.0036	.0022	-.0028	-.0036	-.0047	-.0007
-.50000	-.0004	-.0148	.0022	-.0026	-.0036	.0022	-.0148	-.0047
-.20000	-.0045	-.0007	-.0028	-.0038	.0022	-.0028	-.0007	-.0151
.20000	-.0151	-.0047	-.0036	.0020	-.0028	-.0038	-.0047	-.0007
.40000	-.0004	-.0151	.0022	-.0028	-.0036	.0022	-.0148	-.0047
.70000	-.0047	-.0004	-.0028	-.0036	.0022	-.0028	-.0004	-.0151
1.10000	-.0148	-.0047	-.0036	.0022	-.0026	-.0036	-.0047	-.0004
1.40000	-.0004	-.0148	.0022	-.0028	-.0036	.0022	-.0148	-.0047

MACH (1) = .782 WA (7) = 1.202 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0048	-.0003	-.0025	-.0039	.0141	-.0025	-.0003	-.0158
-.75000	-.0158	-.0048	-.0039	.0141	-.0025	-.0039	-.0048	-.0003
-.50000	-.0003	-.0158	.0138	-.0023	-.0039	.0138	-.0158	-.0048
-.20000	-.0045	-.0003	-.0025	-.0039	.0138	-.0025	-.0003	-.0161
.20000	-.0158	-.0048	-.0039	.0138	-.0025	-.0039	-.0048	-.0005
.40000	-.0003	-.0158	.0138	-.0025	-.0039	.0138	-.0158	-.0048
.70000	-.0048	-.0003	-.0025	-.0039	.0138	-.0025	-.0003	-.0158
1.10000	-.0158	-.0048	-.0039	.0138	-.0025	-.0039	-.0048	-.0003
1.40000	-.0003	-.0158	.0138	-.0025	-.0039	.0138	-.0158	-.0048

MACH (1) = .782 WA (8) = 1.676 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0050	-.0004	-.0025	-.0044	.0050	-.0025	-.0004	-.0154
-.75000	-.0154	-.0050	-.0044	.0050	-.0025	-.0046	-.0050	-.0004
-.50000	-.0004	-.0154	.0050	-.0023	-.0044	.0050	-.0154	-.0050
-.20000	-.0048	-.0004	-.0025	-.0046	.0050	-.0025	-.0004	-.0154
.20000	-.0154	-.0048	-.0046	.0048	-.0025	-.0046	-.0050	-.0006
.40000	-.0004	-.0152	.0050	-.0023	-.0044	.0050	-.0152	-.0048
.70000	-.0048	-.0001	-.0023	-.0044	.0050	-.0023	-.0001	-.0152
1.10000	-.0152	-.0048	-.0044	.0050	-.0023	-.0044	-.0048	-.0001
1.40000	-.0001	-.0152	.0048	-.0023	-.0044	.0046	-.0152	-.0048

CALIBRATION PANEL - LOW Q (RACE01)

MACH (1) = .782 WA (9) = 1.706 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0054	-.0015	-.0035	-.0045	.0055	-.0037	-.0013	-.0157
-.75000	-.0157	-.0056	-.0045	.0053	-.0037	-.0045	-.0054	-.0015
-.50000	-.0013	-.0160	.0053	-.0035	-.0045	.0051	-.0157	-.0054
-.20000	-.0051	-.0015	-.0037	-.0045	.0051	-.0037	-.0015	-.0160
.20000	-.0157	-.0051	-.0043	.0051	-.0037	-.0045	-.0056	-.0018
.40000	-.0013	-.0157	.0051	-.0035	-.0043	.0051	-.0157	-.0054
.70000	-.0054	-.0013	-.0035	-.0043	.0051	-.0035	-.0013	-.0157
1.10000	-.0157	-.0051	-.0043	.0053	-.0035	-.0043	-.0051	-.0013
1.40000	-.0013	-.0157	.0053	-.0035	-.0043	.0053	-.0155	-.0051

MACH (1) = .782 WA (10) = 1.763 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0049	-.0007	-.0033	-.0045	.0014	-.0035	-.0007	-.0155
-.75000	-.0155	-.0051	-.0045	.0014	-.0035	-.0047	-.0051	-.0007
-.50000	-.0007	-.0157	.0014	-.0033	-.0047	.0011	-.0155	-.0051
-.20000	-.0047	-.0009	-.0033	-.0045	.0011	-.0033	-.0007	-.0157
.20000	-.0155	-.0047	-.0045	.0011	-.0035	-.0047	-.0051	-.0007
.40000	-.0004	-.0152	.0014	-.0033	-.0045	.0014	-.0152	-.0049
.70000	-.0049	-.0004	-.0033	-.0045	.0014	-.0033	-.0004	-.0152
1.10000	-.0152	-.0049	-.0045	.0014	-.0033	-.0045	-.0049	-.0004
1.40000	-.0004	-.0152	.0014	-.0033	-.0045	.0011	-.0155	-.0049

MACH (1) = .782 WA (11) = 1.776 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0046	-.0006	-.0028	-.0042	.0023	-.0028	-.0006	-.0157
-.75000	-.0159	-.0046	-.0042	.0023	-.0028	-.0042	-.0046	-.0006
-.50000	-.0006	-.0159	.0021	-.0025	-.0042	.0021	-.0157	-.0046
-.20000	-.0044	-.0006	-.0028	-.0042	.0021	-.0028	-.0006	-.0159
.20000	-.0159	-.0044	-.0042	.0018	-.0028	-.0042	-.0046	-.0008
.40000	-.0006	-.0157	.0021	-.0025	-.0040	.0021	-.0157	-.0046
.70000	-.0044	-.0004	-.0025	-.0040	.0021	-.0025	-.0004	-.0157
1.10000	-.0157	-.0044	-.0042	.0021	-.0025	-.0042	-.0044	-.0006
1.40000	-.0004	-.0154	.0021	-.0025	-.0040	.0021	-.0154	-.0044

CALIBRATION PANEL - LOW Q (RACE01)

MACH (1) = .783 WA (12) = 3.177 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0058	-.0011	-.0035	-.0045	.0037	-.0033	-.0013	-.0165
-.75000	-.0162	-.0058	-.0047	.0039	-.0035	-.0050	-.0058	-.0016
-.50000	-.0013	-.0160	.0037	-.0031	-.0047	.0037	-.0162	-.0060
-.20000	-.0049	-.0013	-.0033	-.0047	.0039	-.0035	-.0013	-.0165
.20000	-.0162	-.0047	-.0045	.0034	-.0033	-.0050	-.0058	-.0013
.40000	-.0009	-.0157	.0041	-.0029	-.0045	.0039	-.0155	-.0056
.70000	-.0054	-.0007	-.0029	-.0043	.0041	-.0029	-.0007	-.0157
1.10000	-.0155	-.0054	-.0043	.0041	-.0029	-.0043	-.0054	-.0009
1.40000	-.0007	-.0155	.0041	-.0029	-.0043	.0039	-.0155	-.0054

MACH (1) = .783 WA (13) = 4.629 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0058	-.0013	-.0051	-.0050	.0011	-.0044	-.0020	-.0169
-.75000	-.0162	-.0058	-.0054	.0013	-.0042	-.0052	-.0063	-.0018
-.50000	-.0016	-.0165	.0011	-.0040	-.0050	.0011	-.0167	-.0060
-.20000	-.0042	-.0016	-.0040	-.0050	.0013	-.0044	-.0018	-.0172
.20000	-.0160	-.0038	-.0045	.0011	-.0040	-.0054	-.0060	-.0023
.40000	-.0009	-.0157	.0020	-.0035	-.0043	.0018	-.0157	-.0056
.70000	-.0051	-.0009	-.0033	-.0043	.0020	-.0035	-.0009	-.0157
1.10000	-.0155	-.0054	-.0043	.0020	-.0033	-.0043	-.0051	-.0009
1.40000	-.0007	-.0155	.0020	-.0033	-.0043	.0020	-.0155	-.0051

MACH (1) = .783 WA (14) = 5.679 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0061	-.0020	-.0062	-.0047	.0000	-.0051	-.0025	-.0171
-.75000	-.0171	-.0061	-.0059	.0005	-.0048	-.0054	-.0067	-.0025
-.50000	-.0022	-.0171	.0000	-.0048	-.0052	-.0002	-.0174	-.0063
-.20000	-.0038	-.0022	-.0048	-.0052	.0003	-.0053	-.0027	-.0174
.20000	-.0167	-.0031	-.0045	-.0004	-.0044	-.0059	-.0063	-.0029
.40000	-.0013	-.0159	.0011	-.0039	-.0040	.0009	-.0159	-.0054
.70000	-.0051	-.0011	-.0037	-.0040	.0011	-.0037	-.0011	-.0157
1.10000	-.0157	-.0049	-.0038	.0011	-.0037	-.0038	-.0049	-.0011
1.40000	-.0011	-.0157	.0014	-.0035	-.0038	.0011	-.0157	-.0049

CALIBRATION PANEL - LOW Q (RACE01)

MACH (1) = .783 WA (15) = 6.095 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0066	-.0019	-.0052	-.0053	.0004	-.0047	-.0023	-.0170
-.75000	-.0170	-.0063	-.0064	.0006	-.0043	-.0064	-.0070	-.0023
-.50000	-.0019	-.0108	.0000	-.0041	-.0053	-.0005	-.0172	-.0069
-.20000	-.0036	-.0021	-.0043	-.0053	.0004	-.0054	-.0023	-.0175
.20000	-.0168	-.0029	-.0048	-.0003	-.0041	-.0062	-.0066	-.0030
.40000	-.0010	-.0156	.0015	-.0031	-.0043	.0011	-.0156	-.0054
.70000	-.0052	-.0007	-.0029	-.0041	.0015	-.0029	-.0007	-.0153
1.10000	-.0153	-.0050	-.0041	.0017	-.0029	-.0041	-.0052	-.0007
1.40000	-.0007	-.0153	.0017	-.0027	-.0041	.0015	-.0153	-.0050

MACH (1) = .783 WA (16) = 7.360 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0069	-.0026	-.0071	-.0065	-.0001	-.0069	-.0031	-.0178
-.75000	-.0176	-.0067	-.0074	.0001	-.0055	-.0078	-.0074	-.0031
-.50000	-.0029	-.0176	-.0012	-.0053	-.0069	-.0017	-.0183	-.0074
-.20000	-.0033	-.0033	-.0057	-.0069	-.0004	-.0073	-.0033	-.0183
.20000	-.0171	-.0024	-.0065	-.0012	-.0055	-.0092	-.0072	-.0042
.40000	-.0015	-.0164	.0012	-.0041	-.0055	.0003	-.0161	-.0056
.70000	-.0053	-.0013	-.0039	-.0053	.0010	-.0039	-.0013	-.0161
1.10000	-.0159	-.0051	-.0051	.0012	-.0037	-.0051	-.0051	-.0013
1.40000	-.0013	-.0159	.0012	-.0037	-.0053	.0010	-.0159	-.0051

MACH (1) = .782 WA (17) = 8.668 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0087	-.0031	-.0096	-.0063	-.0008	-.0067	-.0029	-.0180
-.75000	-.0190	-.0085	-.0090	-.0008	-.0055	-.0090	-.0083	-.0027
-.50000	-.0031	-.0190	-.0026	-.0055	-.0069	-.0028	-.0185	-.0083
-.20000	-.0030	-.0040	-.0064	-.0069	-.0008	-.0069	-.0031	-.0192
.20000	-.0173	-.0014	-.0065	-.0021	-.0051	-.0090	-.0083	-.0043
.40000	-.0009	-.0166	.0009	-.0039	-.0046	.0005	-.0161	-.0062
.70000	-.0055	-.0009	-.0035	-.0046	.0007	-.0037	-.0006	-.0161
1.10000	-.0159	-.0055	-.0046	.0012	-.0035	-.0049	-.0055	-.0006
1.40000	-.0004	-.0159	.0012	-.0032	-.0044	.0012	-.0159	-.0055

CALIBRATION PANEL - LOW Q (RACE01)

MACH (2) = .896 WA (1) = .055 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	-.0147	-.0185	-.0725	.1640	.2909	.1593	-.0735	-.0180
-.75000	-.0108	-.0144	-.0733	.2903	.3545	.2788	-.0823	-.0150
-.50000	-.0060	-.0095	-.0873	.3606	.4011	.3351	-.0925	-.0109
-.20000	-.0051	-.0096	-.0750	.3756	.4104	.3440	-.0681	-.0085
.20000	-.0011	-.0044	-.0650	.3069	.3709	.3340	-.0544	-.0025
.40000	.0151	-.0144	-.0340	-.2424	-.3962	-.2750	-.0251	-.0019
.70000	.0273	-.0115	-.0350	-.1827	-.3158	-.1477	-.0035	-.0125
1.10000	.0292	-.0131	-.0185	-.1146	-.2546	-.1214	.0016	-.0121
1.40000	.0339	-.0030	-.0118	-.1134	-.2029	-.1212	.0061	-.0093

MACH (2) = .902 WA (2) = .960 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0150	.0115	-.0602	.1386	.2364	.1263	-.0666	.0125
-.75000	.0208	.0169	-.0667	.2402	.2818	.2156	-.0794	.0111
-.50000	.0225	.0167	-.0703	.2849	.3097	.2455	-.0904	.0172
-.20000	.0200	.0156	-.0668	.2673	.3103	.2258	-.0672	.0150
.20000	.0247	.0210	-.0439	.2333	.2837	.2365	-.0442	.0219
.40000	.0364	.0089	-.0263	-.3244	-.3949	-.3318	-.0194	.0194
.70000	.0489	.0105	-.0257	-.2659	-.3215	-.2517	.0029	.0080
1.10000	.0469	.0052	-.0134	-.2136	-.2698	-.2023	.0061	.0058
1.40000	.0547	.0134	-.0039	-.1683	-.2276	-.1846	.0163	.0102

MACH (2) = .903 WA (3) = 1.102 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0169	.0135	-.0610	.1347	.2242	.1214	-.0652	.0138
-.75000	.0202	.0160	-.0665	.2211	.2665	.1990	-.0815	.0151
-.50000	.0261	.0202	-.0745	.2690	.3058	.2564	-.0826	.0207
-.20000	.0264	.0217	-.0626	.2371	.2856	.2390	-.0585	.0218
.20000	.0318	.0280	-.0396	.2134	.2779	.2196	-.0423	.0243
.40000	.0413	.0112	-.0259	-.3316	-.3936	-.3413	-.0193	.0233
.70000	.0502	.0110	-.0228	-.2703	-.3252	-.2719	-.0017	.0106
1.10000	.0488	.0068	-.0101	-.2040	-.2890	-.2244	.0043	.0050
1.40000	.0540	.0128	-.0057	-.1815	-.2367	-.1963	.0141	.0109

CALIBRATION PANEL - LOW Q (RACE01)

MACH (2) = .907 WA (4) = 1.701 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0334	.0306	-.0500	.1237	.1826	.1145	-.0557	.0295
-.75000	.0388	.0350	-.0555	.2050	.2377	.1810	-.0673	.0344
-.50000	.0441	.0400	-.0584	.2283	.2393	.1922	-.0766	.0388
-.20000	.0473	.0429	-.0437	.1974	.2468	.2044	-.0473	.0426
.20000	.0461	.0422	-.0281	.1544	.2182	.1609	-.0260	.0416
.40000	.0548	.0269	-.0206	-.3789	-.3664	-.3951	-.0162	.0391
.70000	.0617	.0240	-.0236	-.3145	-.3370	-.3019	-.0027	.0218
1.10000	.0602	.0193	-.0035	-.2437	-.2780	-.2546	.0130	.0234
1.40000	.0705	.0289	.0067	-.2072	-.2414	-.2297	.0263	.0274

MACH (2) = .901 WA (5) = 3.043 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0781	.0744	.0156	.0332	.0599	.0254	.0022	.0729
-.75000	.0819	.0810	.0154	.0642	.0971	.0335	-.0020	.0842
-.50000	.0826	.0874	.0205	.0920	.1013	.0505	.0029	.0864
-.20000	.0886	.0849	.0244	.0485	.1064	.0416	.0228	.0851
.20000	.0883	.0854	.0303	-.0182	.0580	.0166	.0311	.0836
.40000	.0922	.0638	.0117	-.4474	-.3733	-.4558	.0071	.0771
.70000	.0956	.0598	.0070	-.4010	-.3200	-.3878	.0205	.0587
1.10000	.0945	.0540	.0192	-.3396	-.3066	-.3425	.0247	.0567
1.40000	.0937	.0596	.0346	-.2911	-.2830	-.3231	.0438	.0511

MACH (2) = .901 WA (6) = 4.501 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1236	.1212	.0938	-.1292	-.0885	-.0933	.0835	.1200
-.75000	.1230	.1233	.0942	-.1084	-.0134	-.1358	.0839	.1203
-.50000	.1234	.1223	.0957	-.0819	.0337	-.0791	.0855	.1239
-.20000	.1242	.1234	.0998	-.1110	.0200	-.0718	.1038	.1226
.20000	.1246	.1258	.0954	-.1882	-.0378	-.1158	.1001	.1272
.40000	.1291	.1039	.0622	-.5367	-.3795	-.5591	.0526	.1160
.70000	.1254	.0921	.0608	-.5217	-.3878	-.5136	.0613	.0929
1.10000	.1204	.0833	.0684	-.4749	-.3642	-.4581	.0741	.0838
1.40000	.1206	.0846	.0720	-.3981	-.3636	-.4326	.0791	.0814

CALIBRATION PANE.. - LOW Q (RACE01)

MACH (2) = .903 WA (7) = 5.708 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1603	.1604	.1417	-.1998	-.1754	-.2141	.1336	.1596
-.75000	.1570	.1581	.1373	-.2163	-.0915	-.2938	.1328	.1595
-.50000	.1566	.1592	.1417	-.2160	-.0160	-.2016	.1400	.1559
-.20000	.1597	.1576	.1404	-.2571	-.0013	-.1187	.1459	.1560
.20000	.1631	.1632	.1398	-.3021	-.0742	-.1469	.1395	.1595
.40000	.1604	.1355	.1032	-.5513	-.3493	-.5904	.0944	.1483
.70000	.1591	.1260	.1120	-.5545	-.3646	-.5772	.1077	.1275
1.10000	.1544	.1183	.1186	-.5207	-.3472	-.5219	.1189	.1210
1.40000	.1551	.1233	.1224	-.4732	-.3493	-.5155	.1207	.1157

MACH (2) = .904 WA (8) = 6.071 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1656	.1657	.1452	-.2196	-.2051	-.2247	.1392	.1646
-.75000	.1646	.1659	.1435	-.2128	-.0989	-.3024	.1365	.1666
-.50000	.1603	.1668	.1446	-.2325	-.0213	-.1955	.1421	.1599
-.20000	.1653	.1628	.1439	-.2752	-.0008	-.1146	.1455	.1614
.20000	.1639	.1637	.1378	-.3306	-.0777	-.1579	.1435	.1638
.40000	.1647	.1412	.1083	-.5551	-.3518	-.5938	.0902	.1517
.70000	.1583	.1285	.1111	-.5795	-.3564	-.5513	.1083	.1299
1.10000	.1537	.1188	.1163	-.5566	-.3571	-.5308	.1151	.1222
1.40000	.1591	.1206	.1195	-.4772	-.3521	-.5216	.1239	.1195

MACH (2) = .904 WA (9) = 7.273 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1941	.1946	.1634	-.2769	-.2999	-.3154	.1543	.1932
-.75000	.1948	.1954	.1563	-.2971	-.1372	-.3769	.1452	.1936
-.50000	.1955	.1929	.1583	-.2905	-.0202	-.3301	.1608	.1954
-.20000	.1966	.1946	.1672	-.3364	-.0053	-.1671	.1665	.1932
.20000	.1941	.1941	.1597	-.3835	-.0914	-.1641	.1660	.1958
.40000	.1930	.1714	.1129	-.6876	-.3696	-.5999	.0996	.1827
.70000	.1884	.1584	.1177	-.6153	-.3932	-.5377	.1057	.1595
1.10000	.1800	.1464	.1284	-.5906	-.3769	-.5233	.1246	.1489
1.40000	.1839	.1467	.1337	-.5359	-.3740	-.5172	.1345	.1464

CALIBRATION PANEL - LOW Q (RACE01)

MACH (2) = .903 WA (10) = 8.504 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2227	.2225	.1756	-.3429	-.3995	-.4006	.1622	.2206
-.75000	.2206	.2214	.1603	-.3609	-.2053	-.4329	.1512	.2199
-.50000	.2177	.2203	.1702	-.3712	-.0487	-.4293	.1637	.2161
-.20000	.2211	.2181	.1813	-.4285	-.0104	-.2594	.1827	.2151
.20000	.2225	.2218	.1748	-.4843	-.1049	-.1894	.1803	.2203
.40000	.2143	.1962	.1118	-.7461	-.3993	-.6009	.0915	.2091
.70000	.2085	.1821	.1115	-.6469	-.4091	-.5525	.1028	.1849
1.10000	.2007	.1711	.1279	-.6183	-.4024	-.5331	.1186	.1716
1.40000	.2020	.1705	.1357	-.5797	-.4085	-.5238	.1364	.1673

MACH (3) = 1.104 WA (1) = .046 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0083	.0058	-.0199	.1736	.2882	.1619	-.0287	.0067
-.75000	.0084	.0072	-.0242	.2980	.3378	.2714	-.0300	.0089
-.50000	.0150	.0124	-.0206	.3722	.3762	.3377	-.0226	.0133
-.20000	.0172	.0141	-.0210	.3437	.3685	.3564	-.0163	.0141
.20000	.0169	.0149	-.0136	.3328	.3951	.3342	-.0097	.0144
.40000	.0307	.0000	-.0021	-.1643	-.3526	-.1753	.0070	.0125
.70000	.0421	.0003	-.0011	-.1351	-.2765	-.1001	.0224	.0000
1.10000	.0468	-.0036	.0058	-.0800	-.2191	-.0742	.0277	.0014
1.40000	.0548	.0093	.0110	-.0713	-.1781	-.0827	.0296	.0083

MACH (3) = 1.103 WA (2) = .997 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0435	.0430	-.0015	.1598	.2491	.142'	-.0078	.0424
-.75000	.0469	.0432	-.0053	.2576	.2971	.2178	-.0169	.0447
-.50000	.0522	.0492	-.0041	.2999	.3330	.2742	-.0097	.0496
-.20000	.0546	.0522	.0015	.2995	.3425	.2857	.0106	.0517
.20000	.0557	.0538	.0156	.2570	.3185	.2521	.0179	.0497
.40000	.0630	.0342	.0232	-.2244	-.3586	-.2235	.0285	.0460
.70000	.0710	.0330	.0240	-.1907	-.2822	-.1730	.0433	.0308
1.10000	.0681	.0251	.0315	-.1302	-.2441	-.1422	.0477	.0292
1.40000	.0794	.0347	.0365	-.1107	-.2161	-.1403	.0540	.0337

CALIBRATION PANEL - LOW Q (RACE01)

MACH (3) = 1.103 WA (3) = 1.049 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0474	.0465	.0032	.1581	.2462	.1423	-.0046	.0464
-.75000	.0498	.0463	-.0010	.2527	.2922	.2252	-.0118	.0470
-.50000	.0534	.0515	-.0004	.3097	.3213	.2603	-.0121	.0507
-.20000	.0527	.0503	.0032	.2896	.3233	.2717	.0112	.0498
.20000	.0541	.0524	.0143	.2355	.3222	.2531	.0221	.0531
.40000	.0648	.0365	.0296	-.2291	-.3524	-.2439	.0306	.0477
.70000	.0716	.0356	.0241	-.2019	-.2820	-.1719	.0451	.0323
1.10000	.0736	.0296	.0355	-.1412	-.2544	-.1437	.0507	.0326
1.40000	.0814	.0368	.0394	-.1192	-.2189	-.1317	.0577	.0357

MACH (3) = 1.103 WA (4) = 1.684 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0738	.0712	.0288	.1410	.2143	.1284	.0160	.0713
-.75000	.0767	.0738	.0224	.2145	.2474	.1798	.0093	.0726
-.50000	.0773	.0770	.0246	.2516	.2505	.1799	.0061	.0754
-.20000	.0760	.0742	.0280	.2279	.2734	.2050	.0318	.0739
.20000	.0770	.0754	.0388	.1614	.2471	.1823	.0437	.0753
.40000	.0842	.0580	.0390	-.2766	-.3641	-.2904	.0414	.0701
.70000	.0895	.0548	.0405	-.2410	-.2956	-.2253	.0568	.0541
1.10000	.0856	.0465	.0478	-.1811	-.2666	-.1892	.0599	.0493
1.40000	.0945	.0513	.0519	-.1571	-.2377	-.1798	.0679	.0507

MACH (3) = 1.104 WA (5) = 3.089 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1254	.1232	.0939	.0357	.0513	.0296	.0780	.1212
-.75000	.1254	.1248	.0950	.0529	.0969	.0340	.0796	.1268
-.50000	.1298	.1296	.0983	.0753	.1208	.0456	.0907	.1296
-.20000	.1290	.1287	.1017	.0404	.1100	.0304	.1035	.1279
.20000	.1305	.1304	.1028	-.0140	.0726	.0090	.0990	.1270
.40000	.1306	.1062	.0769	-.4379	-.3602	-.4421	.0774	.1196
.70000	.1276	.0979	.0731	-.3721	-.3192	-.3687	.0869	.0977
1.10000	.1228	.0882	.0858	-.2912	-.2927	-.3045	.0954	.0902
1.40000	.1240	.0898	.0877	-.2431	-.2778	-.2787	.1025	.0868

CALIBRATION PANEL - LOW Q (RACE01)

MACH (3) = 1.104 WA (6) = 4.426 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1732	.1727	.1618	-.1132	-.0675	-.0896	.1597	.1717
-.75000	.1737	.1745	.1645	-.0976	.0062	-.1471	.1615	.1750
-.50000	.1747	.1745	.1661	-.0816	.0600	-.0248	.1649	.1740
-.20000	.1773	.1750	.1662	-.0851	.0563	-.0027	.1683	.1740
.20000	.1790	.1790	.1634	-.1524	-.0115	-.0726	.1632	.1750
.40000	.1703	.1525	.1333	-.5238	-.3169	-.6700	.1300	.1626
.70000	.1643	.1412	.1402	-.5262	-.3217	-.6000	.1431	.1404
1.10000	.1584	.1304	.1456	-.4569	-.3106	-.4915	.1457	.1318
1.40000	.1578	.1285	.1452	-.3735	-.3041	-.4036	.1503	.1246

MACH (3) = 1.103 WA (7) = 5.505 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2056	.2052	.1874	-.1895	-.1473	-.1589	.1817	.2042
-.75000	.2053	.2061	.1863	-.1627	-.0224	-.2299	.1781	.2061
-.50000	.2050	.2056	.1864	-.1209	.0385	-.1245	.1858	.2048
-.20000	.2123	.2102	.1943	-.1421	.0556	-.0155	.1955	.2095
.20000	.2118	.2112	.1880	-.1977	-.0282	-.0841	.1903	.2086
.40000	.2000	.1872	.1561	-.5570	-.3400	-.7741	.1485	.1981
.70000	.1897	.1739	.1524	-.4679	-.3567	-.5944	.1545	.1731
1.10000	.1822	.1600	.1643	-.5417	-.3545	-.5226	.1617	.1642
1.40000	.1814	.1590	.1683	-.4441	-.3428	-.5179	.1689	.1553

MACH (3) = 1.106 WA (8) = 5.885 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2165	.2165	.1954	-.2071	-.1658	-.1812	.1903	.2152
-.75000	.2180	.2190	.1939	-.1779	-.0442	-.2368	.1813	.2149
-.50000	.2190	.2140	.1921	-.1427	.0392	-.1701	.1966	.2190
-.20000	.2190	.2163	.1959	-.1565	.0476	-.0395	.2022	.2149
.20000	.2211	.2201	.1948	-.2297	-.0354	-.0828	.1974	.2176
.40000	.2094	.1957	.1576	-.6721	-.3632	-.6730	.1503	.2076
.70000	.1951	.1817	.1589	-.5961	-.3707	-.6054	.1549	.1811
1.10000	.1909	.1708	.1695	-.5474	-.3694	-.5414	.1671	.1728
1.40000	.1892	.1673	.1730	-.4900	-.3674	-.5293	.1749	.1652

CALIBRATION PANEL - LOW Q (RACE01)

MACH (3) = 1.106 WA (9) = 7.144 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2553	.2552	.2214	-.2951	-.2525	-.2541	.2097	.2533
-.75000	.2516	.2525	.2083	-.2598	-.1017	-.3057	.1985	.2511
-.50000	.2489	.2510	.2144	-.2227	.0181	-.2994	.2091	.2472
-.20000	.2536	.2508	.2242	-.2136	.0474	-.0945	.2254	.2490
.20000	.2524	.2528	.2174	-.2954	-.0423	-.0797	.2207	.2494
.40000	.2431	.2288	.1694	-.7098	-.4155	-.7281	.1563	.2423
.70000	.2259	.2144	.1543	-.6259	-.4144	-.6203	.1586	.2148
1.10000	.2193	.2057	.1794	-.5926	-.4022	-.5762	.1767	.2055
1.40000	.2168	.2010	.1853	-.5325	-.4069	-.5681	.1852	.2013

MACH (3) = 1.104 WA (10) = 8.434 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2798	.2796	.2294	-.3989	-.3150	-.3278	.2165	.2765
-.75000	.2784	.2796	.2146	-.3371	-.1771	-.3856	.2014	.2736
-.50000	.2772	.2751	.2109	-.3042	-.0417	-.4109	.2111	.2724
-.20000	.2793	.2752	.2355	-.2771	.0207	-.1508	.2379	.2720
.20000	.2793	.2810	.2346	-.3191	-.0472	-.0764	.2452	.2855
.40000	.2777	.2663	.1772	-.7678	-.4342	-.7264	.1640	.2754
.70000	.2618	.2509	.1702	-.6605	-.4540	-.6260	.1540	.2514
1.10000	.2497	.2369	.1810	-.6135	-.4449	-.5904	.1642	.2406
1.40000	.2434	.2314	.1993	-.5596	-.4409	-.5920	.1888	.2308

MACH (4) = 1.253 WA (1) = .042 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0038	.0019	-.0149	.1467	.2248	.1190	-.0210	.0018
-.75000	.0051	.0043	-.0128	.2542	.2803	.2018	-.0205	.0048
-.50000	.0054	.0064	-.0097	.3194	.3317	.2352	-.0142	.0051
-.20000	.0075	.0062	-.0130	.3143	.3649	.2630	-.0157	.0062
.20000	.0080	.0067	-.0131	.3059	.3676	.2619	-.0130	.0062
.40000	.0229	-.0101	-.0068	-.1070	-.2977	-.1248	.0034	.0019
.70000	.0427	-.0087	-.0095	-.0879	-.2080	-.0753	.0168	-.0096
1.10000	.0501	-.0109	-.0032	-.0588	-.1706	-.0542	.0235	-.0034
1.40000	.0604	.0037	.0015	-.0487	-.1491	-.0606	.0248	.0054

CALIBRATION PANEL - LOW Q (RACE01)

MACH (4) = 1.252 WA (2) = .993 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0436	.0414	.0126	.1293	.1996	.1143	.0036	.0410
-.75000	.0445	.0430	.0100	.2190	.2456	.1726	.0001	.0424
-.50000	.0456	.0459	.0156	.2589	.2644	.2083	.0060	.0454
-.20000	.0476	.0464	.0233	.2679	.2836	.2270	.0201	.0464
.20000	.0483	.0468	.0263	.2211	.2762	.1981	.0265	.0464
.40000	.0579	.0271	.0230	-.1783	-.2867	-.1833	.0318	.0396
.70000	.0676	.0217	.0227	-.1540	-.2317	-.1405	.0422	.0220
1.10000	.0657	.0145	.0298	-.1079	-.1988	-.1005	.0489	.0196
1.40000	.0747	.0231	.0319	-.0856	-.1845	-.1027	.0510	.0236

MACH (4) = 1.254 WA (3) = 1.109 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0502	.0482	.0180	.1298	.1963	.1106	.0092	.0474
-.75000	.0504	.0489	.0153	.2046	.2336	.1683	.0025	.0482
-.50000	.0527	.0515	.0209	.2506	.2625	.2020	.0136	.0521
-.20000	.0539	.0530	.0307	.2619	.2890	.2079	.0270	.0531
.20000	.0547	.0534	.0332	.2169	.2812	.1899	.0329	.0530
.40000	.0633	.0323	.0300	-.1842	-.2830	-.1934	.0350	.0449
.70000	.0715	.0270	.0275	-.1608	-.2283	-.1446	.0458	.0258
1.10000	.0720	.0198	.0346	-.1118	-.1969	-.1061	.0526	.0243
1.40000	.0798	.0268	.0381	-.0893	-.1837	-.1055	.0582	.0278

MACH (4) = 1.256 WA (4) = 1.725 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0756	.0736	.0436	.1003	.1420	.0865	.0338	.0727
-.75000	.0765	.0758	.0427	.1464	.1785	.1171	.0304	.0749
-.50000	.0781	.0784	.0501	.1870	.2027	.1350	.0405	.0782
-.20000	.0785	.0778	.0563	.1832	.2058	.1488	.0526	.0776
.20000	.0786	.0780	.0569	.1194	.2016	.1230	.0572	.0775
.40000	.0826	.0557	.0444	-.2374	-.2835	-.2513	.0496	.0684
.70000	.0873	.0460	.0428	-.2038	-.2362	-.1977	.0595	.0459
1.10000	.0838	.0376	.0510	-.1628	-.2080	-.1615	.0655	.0423
1.40000	.0900	.0408	.0558	-.1218	-.1929	-.1433	.0735	.0426

CALIBRATION PANEL - LOW Q (RACE01)

MACH (4) = 1.256 WA (5) = 3.141 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1328	.1330	.1275	-.0436	-.0177	-.0219	.1234	.1325
-.75000	.1325	.1330	.1286	-.0407	.0376	-.0591	.1243	.1322
-.50000	.1330	.1319	.1266	-.0129	.0668	.0039	.1284	.1330
-.20000	.1351	.1333	.1286	-.0308	.0577	.0142	.1280	.1327
.20000	.1349	.1351	.1243	-.0887	.0089	-.0263	.1253	.1335
.40000	.1277	.1057	.1015	-.4946	-.2558	-.5115	.0989	.1184
.70000	.1219	.0919	.1057	-.4986	-.2495	-.4299	.1105	.0898
1.10000	.1146	.0777	.1105	-.3549	-.2317	-.3035	.1149	.0773
1.40000	.1158	.0743	.1096	-.2325	-.2267	-.2667	.1181	.0753

MACH (4) = 1.255 WA (6) = 4.522 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1779	.1781	.1643	-.1404	-.0830	-.0977	.1595	.1768
-.75000	.1776	.1785	.1641	-.1039	-.0012	-.1619	.1556	.1762
-.50000	.1765	.1760	.1619	-.0632	.0548	-.0476	.1638	.1769
-.20000	.1790	.1770	.1651	-.0676	.0562	.0139	.1688	.1763
.20000	.1814	.1809	.1635	-.1257	-.0070	-.0447	.1644	.1775
.40000	.1622	.1525	.1312	-.4161	-.2894	-.6097	.1255	.1625
.70000	.1442	.1327	.1356	-.4242	-.3176	-.5142	.1335	.1325
1.10000	.1371	.1182	.1409	-.4080	-.3042	-.4450	.1415	.1158
1.40000	.1386	.1119	.1403	-.3512	-.2955	-.4067	.1474	.1083

MACH (4) = 1.255 WA (7) = 5.657 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2102	.2103	.1876	-.2026	-.1540	-.1559	.1816	.2094
-.75000	.2107	.2113	.1836	-.1686	-.0436	-.1991	.1751	.2100
-.50000	.2090	.2099	.1827	-.1315	.0465	-.1754	.1837	.2084
-.20000	.2134	.2105	.1908	-.1124	.0597	-.0391	.1938	.2094
.20000	.2126	.2129	.1884	-.1582	-.0123	-.0492	.1916	.2121
.40000	.1981	.1877	.1504	-.5315	-.3426	-.5828	.1407	.1999
.70000	.1738	.1684	.1491	-.4853	-.3516	-.5127	.1418	.1680
1.10000	.1585	.1504	.1602	-.4772	-.3388	-.4722	.1539	.1532
1.40000	.1548	.1444	.1619	-.4126	-.3314	-.4631	.1639	.1419

CALIBRATION PANEL - LOW Q (RACE01)

MACH (4) = 1.255 WA (8) = 6.076 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2234	.2234	.1964	-.2336	-.1736	-.1802	.1876	.2220
-.75000	.2215	.2223	.1883	-.1929	-.0623	-.2205	.1803	.2207
-.50000	.2205	.2210	.1875	-.1581	.0384	-.2020	.1890	.2194
-.20000	.2255	.2228	.2012	-.1251	.0605	-.0541	.2027	.2212
.20000	.1993	.2207	.1976	-.1853	-.0119	-.0301	.1992	.2228
.40000	.2098	.1985	.1570	-.5475	-.3560	-.6023	.1449	.2101
.70000	.1861	.1783	.1534	-.5195	-.3648	-.5223	.1404	.1817
1.10000	.1674	.1625	.1637	-.4866	-.3551	-.4901	.1548	.1656
1.40000	.1597	.1528	.1698	-.4323	-.3549	-.4720	.1671	.1518

MACH (4) = 1.255 WA (9) = 7.211 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2540	.2534	.2115	-.3184	-.2327	-.2394	.2016	.2508
-.75000	.2535	.2543	.2032	-.2579	-.1196	-.2861	.1925	.2508
-.50000	.2545	.2519	.1942	-.2213	-.0174	-.3148	.1999	.2500
-.20000	.2570	.2526	.2133	-.1998	.0430	-.0919	.2202	.2497
.20000	.2543	.2564	.2182	-.2033	-.0205	-.0284	.2237	.2569
.40000	.2444	.2353	.1663	-.5890	-.3847	-.6085	.1514	.2431
.70000	.2223	.2146	.1599	-.5503	-.4035	-.5441	.1456	.2148
1.10000	.2058	.1978	.1648	-.5169	-.3916	-.5153	.1595	.1971
1.40000	.1873	.1866	.1772	-.4766	-.3916	-.5149	.1734	.1856

MACH (4) = 1.256 WA (10) = 8.423 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2834	.2820	.2212	-.3841	-.2815	-.3054	.2094	.2784
-.75000	.2827	.2840	.2101	-.3213	-.1740	-.3420	.1982	.2830
-.50000	.2836	.2849	.2038	-.3094	-.0891	-.4379	.2020	.2752
-.20000	.2890	.2820	.2180	-.2410	-.0104	-.1771	.2264	.2781
.20000	.2835	.2842	.2293	-.2310	-.0449	-.0433	.2388	.2862
.40000	.2775	.2673	.1712	-.6255	-.4070	-.6192	.1580	.2744
.70000	.2622	.2475	.1639	-.5642	-.4293	-.5503	.1411	.2511
1.10000	.2455	.2335	.1594	-.5427	-.4162	-.5338	.1419	.2356
1.40000	.2322	.2209	.1785	-.5076	-.4222	-.5308	.1653	.2216

CALIBRATION PANEL - LOW Q (RACE01)

MACH (5) = 1.401 WA (1) = .029 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0267	.0238	.0124	.1181	.1815	.1127	.0017	.0226
-.75000	.0269	.0270	.0130	.1929	.2314	.1673	.0120	.0267
-.50000	.0280	.0276	.0138	.2644	.2874	.2009	.0137	.0283
-.20000	.0299	.0280	.0057	.2718	.3082	.2182	.0076	.0279
.20000	.0305	.0289	-.0004	.2631	.3230	.2128	.0042	.0283
.40000	.0458	.0084	.0039	-.0565	-.1970	-.0942	.0173	.0221
.70000	.0650	.0111	.0092	-.0469	-.1289	-.0510	.0364	.0101
1.10000	.0707	.0085	.0149	-.0259	-.0998	-.0401	.0426	.0195
1.40000	.0814	.0216	.0179	-.0235	-.0844	-.0447	.0437	.0280

MACH (5) = 1.416 WA (2) = .100 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0338	.0310	.0186	.1223	.1747	.1065	.0104	.0295
-.75000	.0342	.0338	.0203	.1940	.2221	.1624	.0171	.0333
-.50000	.0342	.0342	.0183	.2460	.2861	.1956	.0202	.0345
-.20000	.0358	.0342	.0140	.2618	.2955	.2084	.0140	.0349
.20000	.0369	.0355	.0068	.2582	.3015	.1999	.0112	.0346
.40000	.0512	.0142	.0083	-.0641	-.2090	-.0996	.0222	.0276
.70000	.0719	.0153	.0134	-.0560	-.1353	-.0628	.0391	.0146
1.10000	.0761	.0122	.0200	-.0331	-.1036	-.0481	.0447	.0241
1.40000	.0866	.0256	.0212	-.0291	-.0889	-.0502	.0492	.0322

MACH (5) = 1.403 WA (3) = 1.030 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0794	.0780	.0584	.1103	.1521	.0970	.0502	.0771
-.75000	.0803	.0797	.0580	.1530	.1763	.1236	.0497	.0789
-.50000	.0814	.0813	.0628	.1898	.2120	.1410	.0579	.0816
-.20000	.0816	.0814	.0672	.1765	.2135	.1524	.0641	.0816
.20000	.0823	.0816	.0679	.1468	.2059	.1372	.0668	.0818
.40000	.0862	.0573	.0582	-.1537	-.1995	-.1788	.0618	.0712
.70000	.0920	.0487	.0587	-.1254	-.1550	-.1200	.0723	.0493
1.10000	.0900	.0396	.0641	-.0827	-.1304	-.0893	.0772	.0468
1.40000	.0966	.0435	.0662	-.0615	-.1209	-.0784	.0823	.0494

CALIBRATION PANEL - LOW Q (RACE01)

MACH (5) = 1.414 WA (4) = 1.143 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0838	.0824	.0641	.0998	.1332	.0861	.0549	.0811
-.75000	.0839	.0838	.0641	.1374	.1549	.1070	.0531	.0821
-.50000	.0840	.0842	.0686	.1642	.1694	.1171	.0641	.0842
-.20000	.0835	.0837	.0697	.1598	.1795	.1271	.0685	.0833
.20000	.0836	.0832	.0697	.1171	.1787	.1104	.0687	.0824
.40000	.0855	.0594	.0593	-.1715	-.1950	-.1916	.0584	.0714
.70000	.0994	.0462	.0567	-.1356	-.1595	-.1354	.0704	.0468
1.10000	.0955	.0383	.0619	-.0962	-.1329	-.1055	.0767	.0435
1.40000	0926	.0399	.0647	-.0773	-.1254	-.0965	.0776	.0442

MACH (5) = 1.401 WA (5) = 1.729 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1175	.1172	.1159	.0218	.0344	.0240	.1115	.1169
-.75000	.1169	.1172	.1158	.0348	.0739	.0147	.1136	.1163
-.50000	.1176	.1165	.1139	.0484	.0858	.0341	.1152	.1175
-.20000	.1191	.1172	.1152	.0353	.0743	.0458	.1150	.1172
.20000	.1195	.1191	.1119	-.0076	.0384	.0182	.1127	.1179
.40000	.1150	.0898	.0919	-.3451	-.1668	-.4004	.0921	.1024
.70000	.1104	.0727	.0967	-.3136	-.1717	-.3076	.1028	.0722
1.10000	.1038	.0603	.1016	-.1676	-.1621	-.1855	.1078	.0676
1.40000	.1073	.0579	.1003	-.0914	-.1607	-.1412	.1107	.0639

MACH (5) = 1.396 WA (6) = 3.266 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1729	.1732	.1617	-.0716	-.0340	-.0470	.1577	.1723
-.75000	.1729	.1735	.1621	-.0544	.0357	-.0866	.1561	.1723
-.50000	.1723	.1723	.1619	-.0216	.0767	-.0028	.1625	.1723
-.20000	.1751	.1729	.1645	-.0174	.0768	.0397	.1651	.1723
.20000	.1757	.1748	.1600	-.0669	.0245	-.0027	.1630	.1738
.40000	.1580	.1473	.1342	-.3589	-.2505	-.4317	.1259	.1595
.70000	.1331	.1248	.1379	-.3693	-.2591	-.3961	.1344	.1255
1.10000	.1250	.1073	.1428	-.3433	-.2443	-.3453	.1434	.1102
1.40000	.1260	.1023	.1427	-.2756	-.2387	-.3144	.1470	.0986

CALIBRATION PANEL - LOW Q (RACE01)

MACH (5) = 1.400 WA (7) = 4.761 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2282	.2279	.1989	-.2006	-.1396	-.1510	.1883	.2265
-.75000	.2262	.2269	.1920	-.1674	-.0537	-.1841	.1847	.2266
-.50000	.2272	.2275	.1887	-.1298	.0325	-.1873	.1906	.2253
-.20000	.2305	.2269	.1999	-.0983	.0734	-.0298	.2053	.2255
.20000	.2288	.2302	.2025	-.1098	.0146	.0046	.2050	.2285
.40000	.2187	.2079	.1612	-.4300	-.3124	-.4819	.1466	.2187
.70000	.1932	.1857	.1613	-.4123	-.3215	-.4385	.1432	.1879
1.10000	.1712	.1676	.1654	-.3996	-.3124	-.4163	.1532	.1700
1.40000	.1530	.1559	.1698	-.3676	-.3150	-.4047	.1686	.1512

MACH (5) = 1.395 WA (8) = 5.969 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2605	.2582	.2103	-.2839	-.1990	-.2223	.1983	.2564
-.75000	.2571	.2578	.2020	-.2382	-.1162	-.2506	.1930	.2582
-.50000	.2611	.2594	.1938	-.2133	-.0297	-.3097	.1973	.2549
-.20000	.2650	.2579	.2083	-.1539	.0292	-.1162	.2192	.2548
.20000	.2630	.2631	.2180	-.1428	-.0020	-.0137	.2262	.2634
.40000	.2543	.2432	.1683	-.4953	-.3414	-.5012	.1511	.2517
.70000	.2354	.2231	.1612	-.4669	-.3547	-.4576	.1408	.2254
1.10000	.2178	.2070	.1638	-.4447	-.3473	-.4389	.1507	.2052
1.40000	.2049	.1960	.1664	-.4135	-.3457	-.4415	.1653	.1937

MACH (5) = 1.398 WA (9) = 6.036 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2719	.2700	.2171	-.3018	-.2092	-.2402	.2025	.2673
-.75000	.2673	.2686	.2059	-.2568	-.1304	-.2667	.1937	.2667
-.50000	.2680	.2676	.1933	-.2470	-.0578	-.3472	.1926	.2605
-.20000	.2765	.2677	.2116	-.1673	.0133	-.1464	.2214	.2650
.20000	.2719	.2716	.2184	-.1449	-.0167	-.0207	.2313	.2723
.40000	.2654	.2530	.1706	-.5011	-.3415	-.4876	.1551	.2618
.70000	.2480	.2338	.1624	-.4707	-.3559	-.4555	.1401	.2371
1.10000	.2301	.2179	.1593	-.4476	-.3496	-.4432	.1423	.2201
1.40000	.2149	.2056	.1703	-.4216	-.3569	-.4422	.1571	.2045

CALIBRATION PANEL - LOW Q (RACE01)

MACH (5) = 1.397 WA (10) = 7.102 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.3040	.3020	.2186	-.3818	-.2460	-.2680	.2084	.2996
-.75000	.3002	.3020	.2082	-.3370	-.1895	-.2936	.1920	.2971
-.50000	.3004	.2969	.1889	-.4062	-.1568	-.3771	.1998	.2949
-.20000	.3105	.2997	.2157	-.2391	-.1047	-.2200	.2364	.2973
.20000	.3085	.3063	.2271	-.1388	-.1126	-.0489	.2493	.3013
.40000	.2987	.2824	.1651	-.5379	-.3684	-.5222	.1576	.2913
.70000	.2838	.2685	.1570	-.4844	-.3851	-.4721	.1396	.2708
1.10000	.2692	.2545	.1418	-.4598	-.3793	-.4566	.1229	.2555
1.40000	.2568	.2424	.1438	-.4348	-.3809	-.4519	.1226	.2431

MACH (5) = 1.396 WA (11) = 8.420 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.3281	.3316	.2061	-.4409	-.3417	-.3365	.1924	.2989
-.75000	.3292	.3314	.1998	-.4037	-.2493	-.3540	.1713	.3284
-.50000	.3297	.3263	.1749	-.4574	-.2189	-.4475	.1685	.3220
-.20000	.3473	.3310	.1928	-.4304	-.1665	-.3481	.2213	.3292
.20000	.3451	.3431	.2116	-.3033	-.1657	-.2202	.2517	.3313
.40000	.3326	.3104	.1468	-.5462	-.3939	-.5530	.1529	.3181
.70000	.3207	.3001	.1416	-.4866	-.4149	-.4869	.1323	.3028
1.10000	.3094	.2891	.1222	-.4686	-.4052	-.4621	.1082	.2927
1.40000	.2982	.2797	.1011	-.4321	-.4033	-.4651	.0961	.2797

CALIBRATION PANEL - MEDIUM Q (RACE02) (15 JAN 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 2.000

MACH (1) = 1.107 WA (1) = .053 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0075	.0061	-.0212	.1713	.2753	.1635	-.0267	.0071
-.75000	.0104	.0084	-.0197	.3020	.3411	.2693	-.0287	.0082
-.50000	.0151	.0121	-.0186	.3732	.3945	.3265	-.0205	.0127
-.20000	.0165	.0144	-.0170	.3613	.3949	.3456	-.0174	.0143
.20000	.0158	.0134	-.0145	.3427	.3891	.3313	-.0092	.0156
.40000	.0303	.0015	-.0005	-.1713	-.3524	-.1789	.0087	.0115
.70000	.0458	.0028	.0009	-.1392	-.2735	-.0965	.0249	.0022
1.10000	.0477	-.0009	.0113	-.0743	-.2243	-.0696	.0289	.0039
1.40000	.0616	.0124	.0102	-.0647	-.1897	-.0827	.0129	.0101

MACH (1) = 1.106 WA (2) = .981 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0388	.0392	-.0052	.1666	.2553	.1549	-.0085	.0387
-.75000	.0438	.0400	-.0062	.2691	.3039	.2265	-.0198	.0392
-.50000	.0459	.0433	-.0105	.3098	.3370	.2789	-.0177	.0429
-.20000	.0486	.0459	-.0030	.3300	.3416	.3041	.0050	.0460
.20000	.0498	.0476	.0117	.2794	.3378	.2792	.0157	.0461
.40000	.0582	.0305	.0216	-.2090	-.3408	-.2268	.0290	.0419
.70000	.0677	.0276	.0198	-.1895	-.2849	-.1636	.0433	.0264
1.10000	.0689	.0214	.0308	-.1260	-.2479	-.1349	.0479	.0259
1.40000	.0732	.0310	.0354	-.1073	-.2153	-.1391	.0510	.0269

CALIBRATION PANEL - MEDIUM Q (RACE02)

MACH (1) = 1.107 WA (3) = 1.119 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0483	.0477	.0045	.1688	.2570	.1492	-.0062	.0476
-.75000	.0495	.0457	-.0022	.2638	.2951	.2260	-.0145	.0447
-.50000	.0513	.0488	-.0041	.3100	.3104	.2806	-.0114	.0488
-.20000	.0518	.0489	.0010	.3137	.3352	.2794	.0067	.0488
.20000	.0531	.0511	.0135	.2593	.3038	.2663	.0178	.0487
.40000	.0625	.0328	.0234	-.2136	-.3615	-.2412	.0282	.0459
.70000	.0730	.0314	.0249	-.1922	-.2984	-.1641	.0451	.0311
1.10000	.0712	.0264	.0331	-.1391	-.2473	-.1319	.0523	.0288
1.40000	.0798	.0350	.0368	-.1166	-.2211	-.1429	.0580	.0340

MACH (1) = 1.108 WA (4) = 1.723 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0644	.0632	.0175	.1501	.2218	.1338	.0075	.0632
-.75000	.0683	.0649	.0144	.2312	.2591	.2010	.0003	.0639
-.50000	.0703	.0683	.0088	.2691	.3014	.2424	.0065	.0685
-.20000	.0713	.0689	.0237	.2720	.3086	.2415	.0241	.0698
.20000	.0727	.0709	.0325	.2062	.2829	.2165	.0382	.0698
.40000	.0808	.0523	.0341	-.2546	-.3525	-.2766	.0407	.0563
.70000	.0876	.0503	.0348	-.2339	-.2979	-.2166	.0520	.0480
1.10000	.0836	.0418	.0442	-.1642	-.2579	-.1646	.0604	.0439
1.40000	.0893	.0485	.0474	-.1402	-.2291	-.1658	.0640	.0458

MACH (1) = 1.105 WA (5) = 3.133 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1098	.1065	.0681	.0669	.0996	.0574	.0524	.1062
-.75000	.1106	.1089	.0655	.1053	.1239	.0559	.0511	.1072
-.50000	.1144	.1106	.0714	.1103	.1404	.0787	.0609	.1136
-.20000	.1146	.1132	.0791	.1067	.1549	.0784	.0772	.1130
.20000	.1160	.1151	.0818	.0479	.1151	.0442	.0804	.1127
.40000	.1170	.0922	.0616	-.3681	-.3618	-.3841	.0652	.1055
.70000	.1165	.0858	.0600	-.3216	-.3096	-.3085	.0743	.0856
1.10000	.1116	.0754	.0689	-.2649	-.2735	-.2687	.0800	.0772
1.40000	.1151	.0786	.0700	-.2170	-.2533	-.2456	.0922	.0776

CALIBRATION PANEL - MEDIUM Q (RACE02)

MACH (1) = 1.105 WA (6) = 4.502 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1574	.1573	.1496	-.0752	-.0380	-.0549	.1449	.1568
-.75000	.1558	.1564	.1499	-.0702	.0329	-.0994	.1488	.1585
-.50000	.1566	.1585	.1504	-.0518	.0656	-.0256	.1505	.1562
-.20000	.1597	.1578	.1510	-.0783	.0554	.0045	.1504	.1571
.20000	.1595	.1588	.1451	-.1444	-.0075	-.0553	.1452	.1559
.40000	.1557	.1320	.1188	-.6195	-.3178	-.5959	.1187	.1456
.70000	.1490	.1189	.1243	-.5770	-.3103	-.5369	.1273	.1218
1.10000	.1418	.1098	.1296	-.4450	-.2881	-.3969	.1327	.1132
1.40000	.1435	.1094	.1288	-.3267	-.2854	-.3516	.1376	.1079

MACH (1) = 1.107 WA (7) = 5.654 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1867	.1867	.1743	-.1353	-.1034	-.1076	.1696	.1857
-.75000	.1872	.1879	.1747	-.1215	.0023	-.1709	.1683	.1871
-.50000	.1862	.1869	.1746	-.0857	.0510	-.0716	.1746	.1860
-.20000	.1903	.1881	.1773	-.0940	.0555	-.0262	.1741	.1874
.20000	.1872	.1869	.1701	-.1520	-.0189	-.0696	.1729	.1871
.40000	.1767	.1632	.1430	-.5385	-.3285	-.7211	.1339	.1722
.70000	.1741	.1515	.1483	-.4584	-.3407	-.6137	.1491	.1530
1.10000	.1685	.1402	.1546	-.4894	-.3252	-.5086	.1564	1411
1.40000	.1667	.1378	.1514	-.3963	-.3247	-.4767	.1581	.1343

MACH (1) = 1.108 WA (8) = 6.076 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1976	.1972	.1820	-.1352	-.1138	-.1364	.1780	.1966
-.75000	.1975	.1986	.1826	-.1411	-.0141	-.2053	.1726	.1944
-.50000	.1989	.1942	.1779	-.0958	.0514	-.1001	.1852	.1988
-.20000	.1995	.1974	.1849	-.1106	.0529	-.0181	.1853	.1969
.20000	.1992	.1986	.1778	-.1816	-.0217	-.0734	.1817	.1977
.40000	.1875	.1751	.1465	-.4607	-.3244	-.7639	.1420	.1845
.70000	.1776	.1604	.1478	-.4816	-.3490	-.6356	.1535	.1586
1.10000	.1731	.1491	.1558	-.4743	-.3446	-.5381	.1579	.1512
1.40000	.1777	.1468	.1605	-.4248	-.3322	-.4971	.1668	.1472

CALIBRATION PANEL - MEDIUM Q (RACE02)

MACH (1) = 1.106 WA (9) = 7.209 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2249	.2248	.2018	-.2015	-.1729	-.1894	.1963	.2238
-.75000	.2250	.2254	.1976	-.1761	-.0410	-.2369	.1913	.2260
-.50000	.2248	.2258	.1990	-.1559	.0357	-.2052	.1998	.2240
-.20000	.2266	.2241	.2042	-.1927	.0491	-.0662	.2051	.2233
.20000	.2248	.2237	.1983	-.2390	-.0336	-.0645	.2039	.2253
.40000	.2138	.2030	.1606	-.5764	-.3816	-.7229	.1499	.2140
.70000	.2001	.1860	.1612	-.5822	-.3886	-.5926	.1547	.1882
1.10000	.1945	.1749	.1748	-.5536	-.3776	-.5686	.1720	.1777
1.40000	.1939	.1729	.1734	-.4910	-.3742	-.5516	.1799	.1718

MACH (1) = 1.108 WA (10) = 8.415 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2526	.2528	.2175	-.2679	-.2571	-.2542	.2086	.2509
-.75000	.2514	.2524	.2078	-.2557	-.1007	-.3159	.2015	.2523
-.50000	.2559	.2526	.2129	-.2179	.0236	-.3009	.2153	.2538
-.20000	.2545	.2516	.2266	-.2062	.0494	-.1171	.2286	.2494
.20000	.2562	.2562	.2234	-.2916	-.0382	-.0672	.2250	.2535
.40000	.2450	.2327	.1730	-.7053	-.4220	-.7221	.1580	.2441
.70000	.2300	.2191	.1736	-.6461	-.4292	-.6212	.1609	.2206
1.10000	.2177	.2041	.1730	-.5934	-.4118	-.5838	.1791	.2072
1.40000	.2181	.2018	.1877	-.5316	-.4029	-.5654	.1899	.2029

MACH (2) = 1.401 WA (1) = .035 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0153	.0127	-.0003	.1142	.1806	.1061	-.0113	.0109
-.75000	.0157	.0155	.0009	.1913	.2314	.1560	-.0019	.0160
-.50000	.0158	.0162	-.0007	.2439	.2836	.1887	.0027	.0155
-.20000	.0174	.0160	-.0073	.2535	.3022	.2055	-.0050	.0159
.20000	.0186	.0166	-.0137	.2490	.3205	.2028	-.0095	.0158
.40000	.0353	-.0042	-.0094	-.0725	-.2065	-.1141	.0017	.0095
.70000	.0572	-.0024	-.0040	-.0595	-.1423	-.0717	.0246	-.0002
1.10000	.0603	-.0040	.0030	-.0394	-.1112	-.0587	.0301	.0082
1.40000	.0727	.0104	.0056	-.0364	-.1005	-.0597	.0336	.0166

CALIBRATION PANEL - MEDIUM Q (RACE02)

MACH (2) = 1.413 WA (2) = .095 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0301	.0269	.0142	.1212	.1897	.1080	.0053	.0257
-.75000	.0297	.0296	.0157	.1978	.2343	.1644	.0113	.0298
-.50000	.0311	.0302	.0143	.2509	.2851	.2004	.0159	.0309
-.20000	.0329	.0311	.0082	.2550	.3051	.2200	.0105	.0310
.20000	.0334	.0314	.0034	.2536	.3073	.2039	.0074	.0316
.40000	.0491	.0106	.0067	-.0669	-.2039	-.1042	.0175	.0246
.70000	.0697	.0116	.0108	-.0584	-.1348	-.0635	.0400	.0138
1.10000	.0747	.0089	.0170	-.0357	-.1056	-.0484	.0442	.0207
1.40000	.0853	.0233	.0194	-.0292	-.0919	-.0499	.0474	.0296

MACH (2) = 1.410 WA (3) = .980 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0662	.0640	.0438	.1096	.1573	.0980	.0372	.0633
-.75000	.0665	.0657	.0447	.1624	.1813	.1312	.0388	.0653
-.50000	.0674	.0671	.0523	.1813	.2056	.1378	.0487	.0670
-.20000	.0683	.0674	.0529	.1906	.2219	.1632	.0509	.0676
.20000	.0681	.0673	.0529	.1565	.2187	.1407	.0520	.0669
.40000	.0748	.0431	.0418	-.1401	-.2133	-.1630	.0433	.0557
.70000	.0836	.0333	.0354	-.1165	-.1659	-.1166	.0559	.0345
1.10000	.0831	.0244	.0460	-.0737	-.1365	-.0867	.0636	.0354
1.40000	.0892	.0335	.0502	-.0574	-.1215	-.0753	.0697	.0391

MACH (2) = 1.401 WA (4) = 1.088 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0637	.0623	.0429	.0975	.1416	.0831	.0356	.0613
-.75000	.0642	.0640	.0452	.1424	.1734	.1183	.0365	.0631
-.50000	.0657	.0650	.0502	.1766	.1885	.1339	.0461	.0656
-.20000	.0661	.0655	.0515	.1775	.2048	.1301	.0508	.0655
.20000	.0668	.0658	.0500	.1342	.2071	.1288	.0509	.0655
.40000	.0728	.0408	.0423	-.1535	-.2072	-.1784	.0437	.0543
.70000	.0794	.0307	.0403	-.1265	-.1669	-.1255	.0597	.0326
1.10000	.0777	.0236	.0489	-.0860	-.1380	-.0970	.0632	.0322
1.40000	.0846	.0291	.0507	-.0689	-.1283	-.0857	.0679	.0344

CALIBRATION PANEL - MEDIUM Q (RACE02)

MACH (2) = 1.401 WA (5) = 1.706 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0896	.0881	.0739	.0560	.0665	.0515	.0646	.0873
-.75000	.0897	.0898	.0738	.0749	.0966	.0581	.0652	.0894
-.50000	.0912	.0910	.0792	.0921	.1113	.0616	.0761	.0914
-.20000	.0917	.0912	.0822	.0825	.1063	.0687	.0808	.0910
.20000	.0915	.0917	.0801	.0493	.0945	.0499	.0794	.0912
.40000	.0899	.0639	.0654	-.2160	-.1987	-.2462	.0642	.0778
.70000	.0909	.0500	.0637	-.1950	-.1726	-.1892	.0753	.0498
1.10000	.0865	.0378	.0709	-.1473	-.1535	-.1507	.0820	.0460
1.40000	.0912	.0175	.0739	-.1076	-.1433	-.1279	.0873	.0443

MACH (2) = 1.397 WA (6) = 3.222 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1428	.1427	.1353	-.0521	-.0095	-.0234	.1320	.1422
-.75000	.1427	.1433	.1368	-.0306	.0386	-.0510	.1326	.1429
-.50000	.1429	.1427	.1372	-.0084	.0710	.0124	.1369	.1433
-.20000	.1459	.1435	.1384	-.0129	.0676	.0284	.1372	.1433
.20000	.1457	.1454	.1334	-.0578	.0196	-.0121	.1347	.1435
.40000	.1282	.1158	.1092	-.3197	-.2109	-.5018	.1066	.1279
.70000	.1126	.0941	.1151	-.3382	-.2296	-.3937	.1152	.0944
1.10000	.1071	.0751	.1188	-.3137	-.2232	-.3233	.1214	.0814
1.40000	.1092	.0736	.1189	-.2266	-.2159	-.2720	.1229	.0728

MACH (2) = 1.395 WA (7) = 4.633 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1858	.1854	.1683	-.1332	-.0864	-.0971	.1623	.1847
-.75000	.1847	.1850	.1666	-.1045	-.0019	-.1256	.1592	.1844
-.50000	.1847	.1844	.1651	-.0688	.0628	-.1017	.1669	.1842
-.20000	.1884	.1854	.1709	-.0559	.0703	-.0063	.1735	.1847
.20000	.1878	.1874	.1687	-.0963	.0067	-.0137	.1701	.1854
.40000	.1709	.1611	.1393	-.3967	-.2896	-.4312	.1272	.1733
.70000	.1398	.1365	.1399	-.3958	-.2908	-.4027	.1294	.1389
1.10000	.1227	.1200	.1456	-.3825	-.2819	-.3782	.1383	.1213
1.40000	.1185	.1071	.1475	-.3381	-.2836	-.3647	.1479	.1093

CALIBRATION PANEL - MEDIUM Q (RACE02)

MACH (2) = 1.393 WA (8) = 5.750 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2157	.2154	.1873	-.2009	-.1465	-.1500	.1795	.2137
-.75000	.2145	.2152	.1809	-.1628	-.0543	-.1834	.1726	.2136
-.50000	.2144	.2145	.1794	-.1312	.0336	-.1883	.1809	.2123
-.20000	.2181	.2144	.1902	-.1059	.0680	-.0363	.1951	.2129
.20000	.2177	.2183	.1922	-.1193	.0066	.0014	.1940	.2170
.40000	.2050	.1941	.1520	-.4246	-.3176	-.4710	.1383	.2060
.70000	.1781	.1712	.1465	-.4199	-.3231	-.4347	.1326	.1724
1.10000	.1531	.1499	.1561	-.4081	-.3167	-.4160	.1397	.1550
1.40000	.1360	.1380	.1639	-.3684	-.3166	-.4091	.1565	.1387

MACH (2) = 1.390 WA (9) = 6.070 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2259	.2256	.1935	-.2246	-.1614	-.1712	.1829	.2235
-.75000	.2235	.2241	.1858	-.1867	-.0654	-.2028	.1792	.2248
-.50000	.2248	.2259	.1830	-.1525	.0212	-.2116	.1838	.2213
-.20000	.2291	.2248	.1951	-.1147	.0617	-.0493	.2015	.2225
.20000	.2270	.2291	.1986	-.1343	.0042	-.0012	.2010	.2264
.40000	.2160	.2057	.1551	-.4484	-.3270	-.4899	.1425	.2158
.70000	.1912	.1842	.1501	-.4400	-.3326	-.4419	.1342	.1841
1.10000	.1672	.1644	.1577	-.4212	-.3274	-.4249	.1390	.1676
1.40000	.1487	.1483	.1685	-.3825	-.3288	-.4177	.1588	.1504

MACH (2) = 1.387 WA (10) = 7.397 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2581	.2569	.2071	-.2973	-.2161	-.2370	.1918	.2540
-.75000	.2533	.2549	.1956	-.2505	-.1327	-.2658	.1832	.2527
-.50000	.2543	.2540	.1856	-.2357	-.0576	-.3421	.1858	.2468
-.20000	.2620	.2540	.2016	-.1807	.0187	-.1231	.2135	.2509
.20000	.2586	.2604	.2132	-.1691	-.0194	-.0239	.2185	.2574
.40000	.2509	.2379	.1608	-.5067	-.3483	-.4981	.1455	.2476
.70000	.2311	.2187	.1521	-.4761	-.3608	-.4656	.1318	.2227
1.10000	.1906	.2015	.1491	-.4488	-.3558	-.4515	.1353	.2044
1.40000	.1950	.1898	.1596	-.4296	- 3588	-.4478	.1529	.1866

CALIBRATION PANEL - MEDIUM Q (RACE02)

MACH (2) = 1.393 WA (11) = 8.558 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2897	.2878	.2200	-.3520	-.2004	-.2399	.1952	.2845
-.75000	.2853	.2879	.2016	-.3142	-.1492	-.2628	.1784	.2824
-.50000	.2871	.2829	.1945	-.3459	-.1130	-.3257	.1830	.2785
-.20000	.2947	.2842	.2255	-.1720	-.0504	-.1607	.2213	.2810
.20000	.2943	.2918	.2307	-.1384	-.0679	-.0395	.2304	.2897
.40000	.2863	.2688	.1680	-.5265	-.3727	-.5270	.1538	.2805
.70000	.2683	.2529	.1502	-.4732	-.3833	-.4772	.1352	.2561
1.10000	.2529	.2364	.1384	-.4616	-.3761	-.4551	.1216	.2417
1.40000	.2372	.2241	.1453	-.4418	-.3819	-.4604	.1284	.2254

CALIBRATION PANEL - HIGH Q (RACE03) (15 JAN 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO SEQ = 3.000
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

MACH (1) = 1.109 WA (1) = .065 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0102	.0078	-.0195	.1739	.2814	.1655	-.0250	.0089
-.75000	.0099	.0088	-.0190	.3073	.3425	.2661	-.0300	.0096
-.50000	.0137	.0133	-.0166	.3525	.3783	.3342	-.0211	.0109
-.20000	.0153	.0123	-.0177	.3753	.3950	.3463	-.0159	.0123
.20000	.0163	.0141	-.0136	.3257	.3973	.3415	-.0106	.0143
.40000	.0325	-.0007	-.0024	-.1671	-.3588	-.1808	.0091	.0131
.70000	.0456	.0021	.0033	-.1336	-.2678	-.1077	.0236	-.0001
1.10000	.0489	-.0021	.0090	-.0702	-.2076	-.0690	.0323	.0062
1.40000	.0611	.0147	.0156	-.0686	-.1883	-.0783	.0358	.0106

MACH (1) = 1.107 WA (2) = .995 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0345	.0344	-.0105	.1626	.2695	.1589	-.0129	.0349
-.75000	.0375	.0345	-.0120	.2786	.3116	.2375	-.0220	.0360
-.50000	.0421	.0395	-.0096	.3281	.3522	.2883	-.0217	.0392
-.20000	.0432	.0404	-.0076	.2978	.3471	.2903	-.0062	.0401
.20000	.0437	.0414	.0062	.2959	.3364	.2920	.0118	.0411
.40000	.0555	.0255	.0158	-.1965	-.3515	-.2193	.0251	.0381
.70000	.0659	.0256	.0214	-.1606	-.2699	-.1523	.0427	.0267
1.10000	.0672	.0209	.0302	-.1114	-.2308	-.1111	.0468	.0232
1.40000	.0737	.0301	.0333	-.0969	-.2017	-.1235	.0536	.0272

CALIBRATION PANEL - HIGH Q (RACE03)

MACH (1) = 1.106 WA (3) = 1.098 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0366	.0367	-.0073	.1584	.2676	.1573	-.0141	.0367
-.75000	.0391	.0360	-.0131	.2575	.3124	.2296	-.0211	.0361
-.50000	.0436	.0399	-.0066	.3301	.3361	.2907	-.0202	.0405
-.20000	.0452	.0420	-.0049	.3051	.3424	.3037	.0020	.0421
.20000	.0455	.0437	.0066	.2783	.3098	.2788	.0131	.0430
.40000	.0559	.0286	.0178	-.2079	-.3434	-.2164	.0272	.0393
.70000	.0683	.0273	.0184	-.1830	-.2760	-.1513	.0458	.0260
1.10000	.0682	.0243	.0319	-.1230	-.2342	-.1225	.0504	.0265
1.40000	.0773	.0334	.0391	-.0996	-.2056	-.1197	.0575	.0300

MACH (1) = 1.107 WA (4) = 1.728 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0536	.0529	.0084	.1629	.2284	.1348	-.0015	.0533
-.75000	.0567	.0528	.0028	.2428	.2912	.2075	-.0088	.0547
-.50000	.0604	.0591	.0027	.2991	.2955	.2478	-.0065	.0580
-.20000	.0635	.0606	.0113	.2955	.3111	.2630	.0172	.0609
.20000	.0656	.0635	.0276	.2441	.2946	.2274	.0297	.0610
.40000	.0726	.0445	.0303	-.2412	-.3514	-.2478	.0373	.0572
.70000	.0799	.0405	.0299	-.2156	-.2917	-.1865	.0527	.0393
1.10000	.0790	.0360	.0387	-.1487	-.2490	-.1502	.0576	.0377
1.40000	.0843	.0431	.0443	-.1242	-.2154	-.1474	.0625	.0408

MACH (1) = 1.106 WA (5) = 3.127 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0927	.0913	.0447	.1138	.1708	.0982	.0346	.0907
-.75000	.0945	.0913	.0411	.1471	.1966	.1351	.0283	.0927
-.50000	.0992	.0967	.0457	.1838	.2242	.1473	.0363	.0974
-.20000	.0980	.0964	.0490	.1633	.2109	.1468	.0522	.0959
.20000	.0983	.0965	.0582	.1060	.1620	.0969	.0604	.0960
.40000	.1010	.0762	.0517	-.3226	-.3559	-.3418	.0504	.0887
.70000	.1042	.0690	.0488	-.2707	-.3174	-.2627	.0654	.0689
1.10000	.1003	.0630	.0578	-.2248	-.2682	-.2135	.0729	.0634
1.40000	.1041	.0671	.0601	-.1833	-.2457	-.2122	.0772	.0632

CALIBRATION PANEL - HIGH Q (RACE03)

MACH (1) = 1.105 WA (6) = 4.506 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1320	.1295	.0996	.0334	.0504	.0364	.0806	.1288
-.75000	.1306	.1295	.0955	.0492	.0956	.0379	.0789	.1287
-.50000	.1339	.1324	.0966	.0804	.1291	.0445	.0882	.1336
-.20000	.1348	.1335	.1026	.0449	.1098	.0471	.0982	.1332
.20000	.1326	.1312	.0973	-.0215	.0828	-.0056	.1011	.1311
.40000	.1299	.1086	.0761	-.4394	-.3705	-.4464	.0767	.1203
.70000	.1281	.0966	.0743	-.3767	-.3347	-.3679	.0842	.0995
1.10000	.1221	.0888	.0805	-.3137	-.2924	-.2976	.0987	.0913
1.40000	.1252	.0933	.0863	-.2451	-.2746	-.2804	.1044	.0884

MACH (1) = 1.107 WA (7) = 5.665 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1613	.1611	.1530	-.0885	-.0443	-.0518	.1509	.1605
-.75000	.1623	.1633	.1558	-.0701	.0245	-.1127	.1510	.1617
-.50000	.1619	.1617	.1559	-.0545	.0615	-.0173	.1547	.1615
-.20000	.1639	.1613	.1548	-.0904	.0572	-.0008	.1544	.1609
.20000	.1637	.1635	.1499	-.1572	-.0054	-.0487	.1526	.1635
.40000	.1580	.1394	.1249	-.5195	-.3137	-.6290	.1202	.1486
.70000	.1544	.1246	.1297	-.5955	-.3157	-.5225	.1303	.1247
1.10000	.1466	.1148	.1346	-.4750	-.2912	-.4297	.1383	.1163
1.40000	.1489	.1152	.1338	-.3461	-.2869	-.3586	.1430	.1116

MACH (1) = 1.105 WA (8) = 6.080 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1710	.1712	.1618	-.1004	-.0551	-.0660	.1574	.1703
-.75000	.1707	.1716	.1630	-.0821	.0056	-.1204	.1559	.1680
-.50000	.1718	.1679	.1602	-.0674	.0618	-.0370	.1635	.1706
-.20000	.1724	.1702	.1620	-.0757	.0585	.0038	.1643	.1693
.20000	.1745	.1738	.1592	-.1346	-.0081	-.0628	.1577	.1688
.40000	.1653	.1461	.1301	-.4985	-.3052	-.6630	.1250	.1575
.70000	.1593	.1329	.1335	-.5497	-.3293	-.5958	.1396	.1334
1.10000	.1542	.1244	.1407	-.4539	-.3055	-.4618	.1421	.1234
1.40000	.1534	.1216	.1392	-.3737	-.2991	-.3915	.1467	.1175

CALIBRATION PANEL - HIGH Q (RACE03)

MACH (1) = 1.105 WA (9) = 7.159 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.1941	.1943	.1800	-.1577	-.1172	-.1247	.1753	.1933
-.75000	.1945	.1953	.1801	-.1348	-.0100	-.1849	.1731	.1957
-.50000	.1937	.1953	.1820	-.1079	.0439	-.0862	.1802	.1931
-.20000	.1969	.1953	.1826	-.1152	.0539	-.0100	.1836	.1943
.20000	.1973	.1967	.1775	-.1918	-.0208	-.0742	.1807	.1960
.40000	.1885	.1728	.1472	-.4457	-.3260	-.7488	.1442	.1868
.70000	.1765	.1595	.1502	-.4600	-.3337	-.6059	.1492	.1599
1.10000	.1722	.1464	.1602	-.4926	-.3327	-.5124	.1579	.1502
1.40000	.1714	.1446	.1592	-.4224	-.3340	-.4921	.1611	.1417

MACH (1) = 1.105 WA (10) = 8.429 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.2181	.2178	.1950	-.1789	-.1696	-.1842	.1949	.2169
-.75000	.2221	.2226	.1958	-.1781	-.0360	-.2319	.1872	.2211
-.50000	.2207	.2209	.1969	-.1517	.0344	-.1979	.1970	.2201
-.20000	.2238	.2213	.2027	-.1706	.0529	-.0607	.2040	.2205
.20000	.2231	.2220	.1974	-.2212	-.0324	-.0706	.2013	.2215
.40000	.2113	.2000	.1606	-.5475	-.3627	-.7285	.1523	.2123
.70000	.2017	.1878	.1685	-.6420	-.3849	-.5842	.1596	.1903
1.10000	.1927	.1738	.1698	-.5452	-.3629	-.5436	.1690	.1769
1.40000	.1919	.1728	.1767	-.4725	-.3659	-.5417	.1795	.1688

MACH (2) = 1.395 WA (1) = .044 RN/L = 5.1710 TTF = 122.43

SECTION (1)CAL VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	90.000	162.700	180.000	197.300	270.000	342.700
DIST.								
-1.00000	.0090	.0057	-.0068	.1050	.1686	.0941	-.0183	.0039
-.75000	.0096	.0096	-.0066	.1898	.2362	.1553	-.0096	.0096
-.50000	.0098	.0104	-.0080	.2388	.2792	.1907	-.0040	.0098
-.20000	.0113	.0098	-.0150	.2453	.2988	.1977	-.0112	.0098
.20000	.0134	.0111	-.0223	.2513	.3143	.1997	-.0165	.0103
.40000	.0295	-.0106	-.0151	-.0761	-.2113	-.1184	-.0036	.0033
.70000	.0504	-.0096	-.0085	-.0642	-.1467	-.0770	.0220	-.0065
1.10000	.0389	-.0116	-.0016	-.0556	-.1167	-.0623	.0273	.0020
1.40000	.0644	.0053	.0015	-.0402	-.1025	-.0627	.0310	.0111

CALIBRATION PANEL - LOW Q (RACG01) (15 JAN 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

MACH (1) = .787 WA (1) = .104 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0006	-.0006		
3.5900			-.0004	-.0004		
10.4600	-.0004	-.0004			.0001	-.0006
10.4880	.0003	-.0006			-.0006	-.0004
16.9600			-.0006	-.0004		
16.9700			-.0004	-.0006		

MACH (1) = .787 WA (2) = .893 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0004	-.0004		
3.5900			-.0004	-.0004		
10.4600	-.0004	-.0004			-.0006	-.0006
10.4880	-.0002	-.0006			-.0004	-.0004
16.9600			-.0004	-.0004		
16.9700			-.0004	-.0004		

MACH (1) = .787 WA (3) = .939 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0006	-.0004		
3.5900			-.0006	-.0006		
10.4600	-.0006	-.0006			-.0009	-.0004
10.4880	-.0009	-.0004			-.0006	-.0006
16.9600			-.0006	-.0004		
16.9700			-.0004	-.0006		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (1) = .782 WA (4) = .969 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0029	.0003		
3.5900			-.0033	-.0041		
10.4600	-.0033	-.0041			.0043	-.0143
10.4880	.0040	-.0143			-.0029	.0003
16.9600			-.0029	.0003		
16.9700			-.0033	-.0041		

MACH (1) = .782 WA (5) = 1.111 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0030	-.0004		
3.5900			-.0042	-.0050		
10.4600	-.0042	-.0050			.0023	-.0159
10.4880	.0023	-.0159			-.0030	-.0004
16.9600			-.0032	-.0006		
16.9700			-.0040	-.0050		

MACH (1) = .782 WA (6) = 1.175 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0026	-.0004		
3.5900			-.0036	-.0047		
10.4600	-.0036	-.0047			.0022	-.0151
10.4880	.0022	-.0151			-.0026	-.0004
16.9600			-.0028	-.0004		
16.9700			-.0036	-.0047		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (1) = .782 WA (7) = 1.202 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0025	-.0003		
3.5900			-.0039	-.0048		
10.4600	-.0039	-.0048			.0138	-.0158
10.4880	.0138	-.0158			-.0023	-.0003
16.9600			-.0025	-.0003		
16.9700			-.0039	-.0048		

MACH (1) = .782 WA (8) = 1.676 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0025	-.0004		
3.5900			-.0046	-.0050		
10.4600	-.0044	-.0050			.0044	-.0152
10.4880	.0044	-.0152			-.0023	-.0004
16.9600			-.0023	-.0001		
16.9700			-.0046	-.0050		

MACH (1) = .782 WA (9) = 1.706 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0035	-.0013		
3.5900			-.0043	-.0051		
10.4600	-.0043	-.0051			.0053	-.0155
10.4880	.0053	-.0155			-.0035	-.0013
16.9600			-.0035	-.0011		
16.9700			-.0043	-.0051		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (1) = .782 WA (10) = 1.763 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0033	-.0004		
3.5900			-.0045	-.0049		
10.4600	-.0045	-.0049			.0011	-.0152
10.4880	.0011	-.0155			-.0033	-.0004
16.9600			-.0033	-.0004		
16.9700			-.0045	-.0049		

MACH (1) = .782 WA (11) = 1.776 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0025	-.0006		
3.5900			-.0040	-.0046		
10.4600	-.0042	-.0044			.0021	-.0157
10.4880	.0021	-.0157			-.0025	-.0006
16.9600			-.0025	-.0006		
16.9700			-.0040	-.0046		

MACH (1) = .783 WA (12) = 3.177 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0029	-.0007		
3.5900			-.0043	-.0054		
10.4600	-.0043	-.0054			.0041	-.0155
10.4880	.0041	-.0155			-.0029	-.0007
16.9600			-.0029	-.0007		
16.9700			-.0043	-.0054		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (1) = .783 WA (13) = 4.629 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0035	-.0009		
3.5900			-.0040	-.0054		
10.4600	-.0040	-.0051			.0020	-.0155
10.4880	.0020	-.0155			-.0035	-.0007
16.9600			-.0033	-.0007		
16.9700			-.0043	-.0054		

MACH (1) = .783 WA (14) = 5.679 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0035	-.0011		
3.5900			-.0038	-.0049		
10.4600	-.0038	-.0049			.0014	-.0157
10.4880	.0014	-.0157			-.0035	-.0009
16.9600			-.0035	-.0011		
16.9700			-.0038	-.0049		

MACH (1) = .783 WA (15) = 6.095 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0027	-.0007		
3.5900			-.0041	-.0050		
10.4600	-.0041	-.0050			.0017	-.0151
10.4880	.0017	-.0153			-.0027	-.0007
16.9600			-.0027	-.0007		
16.9700			-.0041	-.0050		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (1) = .783 WA (16) = 7.360 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0037	-.0013		
3.5900			-.0051	-.0051		
10.4600	-.0051	-.0051			.0012	-.0159
10.4880	.0012	-.0159			-.0039	-.0010
16.9600			-.0037	-.0010		
16.9700			-.0051	-.0051		

MACH (1) = .782 WA (17) = 8.668 RN/L = 6.3300 TTF = 68.302

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			-.0032	-.0004		
3.5900			-.0044	-.0055		
10.4600	-.0044	-.0055			.0014	-.0159
10.4880	.0014	-.0159			-.0032	-.0004
16.9600			-.0032	-.0004		
16.9700			-.0044	-.0055		

MACH (2) = .896 WA (1) = .055 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0184	-.0160		
3.5900			.0197	-.0093		
10.4600	.0085	.0590			-.0870	-.0186
10.4880	.0089	.0432			-.0753	-.0144
16.9600			.0207	.0013		
16.9700			.0226	.0045		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (2) = .902 WA (2) = .960 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0327	-.0328		
3.5900			.0328	-.0259		
10.4600	.0198	.0720			-.1161	-.0454
10.4880	.0179	.0565			-.1044	-.0479
16.9600			.0362	-.0160		
16.9700			.0363	-.0154		

MACH (2) = .903 WA (3) = 1.102 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0338	-.0370		
3.5900			.0371	-.0286		
10.4600	.0200	.0749			-.1244	-.0505
10.4880	.0188	.0585			-.1125	-.0509
16.9600			.0373	-.0190		
16.9700			.0380	-.0185		

MACH (2) = .907 WA (4) = 1.701 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0475	-.0457		
3.5900			.0465	-.0415		
10.4600	.0327	.0879			-.1360	-.0657
10.4880	.0290	.0730			-.1361	-.0740
16.9600			.0538	-.0228		
16.9700			.0532	-.0254		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (2) = .901 WA (5) = 3.043 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0758	-.0660		
3.5900			.0777	-.0566		
10.4600	.0472	.1089			-.2000	-.1154
10.4880	.0477	.0974			-.1871	-.1126
16.9600			.0761	-.0482		
16.9700			.0793	-.0461		

MACH (2) = .901 WA (6) = 4.501 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0992	-.0797		
3.5900			.0996	-.0746		
10.4600	.0643	.1303			-.3200	-.1933
10.4880	.0619	.1168			-.2935	-.1932
16.9600			.1030	-.0594		
16.9700			.1037	-.0634		

MACH (2) = .903 WA (7) = 5.708 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1319	-.0754		
3.5900			.1281	-.0715		
10.4600	.0901	.1581			-.3015	-.2148
10.4880	.0889	.1467			-.2931	-.2198
16.9600			.1350	-.0543		
16.9700			.1363	-.0598		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (2) = .904 WA (8) = 6.071 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1335	-.0746		
3.5900			.1337	-.0716		
10.4600	.0523	.1615			-.3071	-.2185
10.4880	.0897	.1492			-.2972	-.2247
16.9600			.1382	-.0544		
16.9700			.1394	-.0612		

MACH (2) = .904 WA (9) = 7.273 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1584	-.0748		
3.5900			.1607	-.0705		
10.4600	.1132	.1859			-.3152	-.2219
10.4880	.1098	.1724			-.3056	-.2295
16.9600			.1644	-.0534		
16.9700			.1635	-.0601		

MACH (2) = .903 WA (10) = 8.504 RN/L = 4.0089 TTF = 90.885

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1775	-.0891		
3.5900			.1768	-.0846		
10.4600	.1241	.2031			-.3301	-.2371
10.4880	.1242	.1933			-.3295	-.2416
16.9600			.1807	-.0591		
16.9700			.1809	-.0726		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (3) = 1.104 WA (1) = .046 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9200	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0274	.0075		
3.5900			.0286	.0144		
10.4600	.0317	.0801			-.0800	-.0172
10.4880	.0284	.0682			-.0755	-.0232
16.9600			.0338	.0260		
16.9700			.0314	.0241		

MACH (3) = 1.103 WA (2) = .997 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0574	-.0005		
3.5900			.0569	.0037		
10.4600	.0391	.0961			-.1092	-.0419
10.4880	.0376	.0828			-.1046	-.0488
16.9600			.0621	.0186		
16.9700			.0619	.0182		

MACH (3) = 1.103 WA (3) = 1.049 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0560	-.0035		
3.5900			.0583	.0040		
10.4600	.0391	.0986			-.1170	-.0500
10.4880	.0378	.0826			-.1014	-.0476
16.9600			.0621	.0157		
16.9700			.0616	.0126		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (3) = 1.103 WA (4) = 1.684 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0743	-.0101		
3.5900			.0756	-.0015		
10.4600	.0436	.1065			-.1389	-.0680
10.4880	.0431	.0936			-.1318	-.0705
16.9600			.0785	.0074		
16.9700			.0792	.0079		

MACH (3) = 1.104 WA (5) = 3.089 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1127	-.0145		
3.5900			.1133	-.0076		
10.4600	.0574	.1271			-.2070	-.1258
10.4880	.0570	.1166			-.1977	-.1256
16.9600			.1180	.0040		
16.9700			.1186	.0004		

MACH (3) = 1.104 WA (6) = 4.426 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1457	-.0157		
3.5900			.1462	-.0091		
10.4600	.0731	.1571			-.2644	-.1794
10.4880	.0728	.1438			-.2538	-.1785
16.9600			.1539	.0058		
16.9700			.1515	.0031		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (3) = 1.103 WA (7) = 5.505 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1774	-.0174		
3.5900			.1765	-.0147		
10.4600	.0870	.1831			-.2811	-.1930
10.4880	.0943	.1709			-.2732	-.1980
16.9600			.1846	.0059		
16.9700			.1813	-.0005		

MACH (3) = 1.106 WA (8) = 5.885 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1868	-.0172		
3.5900			.1867	-.0119		
10.4600	.0931	.1879			-.2790	-.1923
10.4880	.1023	.1799			-.2739	-.2028
16.9600			.1921	.0033		
16.9700			.1914	-.0014		

MACH (3) = 1.106 WA (9) = 7.144 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.2142	-.0288		
3.5900			.2160	-.0209		
10.4600	.1118	.2129			-.2956	-.2018
10.4880	.1239	.2049			-.2989	-.2149
16.9600			.2203	-.0001		
16.9700			.2158	-.0068		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (3) = 1.104 WA (10) = 8.434 RN/L = 4.0465 TTF = 94.709

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.2416	-.0448		
3.5900			.2391	-.0374		
10.4600	.1326	.2396			-.3239	-.2092
10.4880	.1438	.2302			-.3280	-.2247
16.9600			.2402	-.0038		
16.9700			.2413	-.0177		

MACH (4) = 1.253 WA (1) = .042 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0179	.0147		
3.5900			.0185	.0182		
10.4600	.0193	.0827			-.0742	-.0266
10.4880	.0171	.0677			-.0678	-.0308
16.9600			.0235	.0258		
16.9700			.0222	.0248		

MACH (4) = 1.252 WA (2) = .993 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0459	.0073		
3.5900			.0456	.0105		
10.4600	.0215	.0876			-.1063	-.0561
10.4880	.0204	.0749			-.1013	-.0611
16.9600			.0504	.0233		
16.9700			.0507	.0228		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (4) = 1.254 WA (3) = 1.109 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0504	.0076		
3.5900			.0498	.0140		
10.4600	.0225	.0936			-.1110	-.0584
10.4880	.0216	.0791			-.1032	-.0606
16.9600			.0557	.0233		
16.9700			.0554	.0209		

MACH (4) = 1.256 WA (4) = 1.725 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0677	.0067		
3.5900			.0681	.0113		
10.4600	.0243	.1011			-.1334	-.0746
10.4880	.0244	.0888			-.1242	-.0770
16.9600			.0728	.0197		
16.9700			.0731	.0182		

MACH (4) = 1.256 WA (5) = 3.141 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1071	.0147		
3.5900			.1054	.0182		
10.4600	.0281	.1171			-.2062	-.1424
10.4880	.0308	.1049			-.1991	-.1470
16.9600			.1153	.0237		
16.9700			.1158	.0225		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (4) = 1.255 WA (6) = 4.522 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1428	.0036		
3.5900			.1417	.0065		
10.4600	.0308	.1381			-.2322	-.1578
10.4880	.0391	.1265			-.2260	-.1637
16.9600			.1486	.0216		
16.9700			.1499	.0195		

MACH (4) = 1.255 WA (7) = 5.657 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1727	.0018		
3.5900			.1722	.0049		
10.4600	.0348	.1552			-.2486	-.1668
10.4880	.0490	.1461			-.2467	-.1755
16.9600			.1767	.0187		
16.9700			.1767	.0150		

MACH (4) = 1.255 WA (8) = 6.076 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1834	-.0050		
3.5900			.1819	-.0013		
10.4600	.0323	.1630			-.2605	-.1705
10.4880	.0498	.1528			-.2457	-.1745
16.9600			.1866	.0234		
16.9700			.1872	.0162		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (4) = 1.255 WA (9) = 7.211 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.2117	-.0120		
3.5900			.2104	-.0070		
10.4600	.0381	.1851			-.2979	-.1791
10.4880	.0636	.1782			-.2848	-.1844
16.9600			.2125	.0186		
16.9700			.2099	.0077		

MACH (4) = 1.256 WA (10) = 8.423 RN/L = 3.9182 TTF = 103.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.2373	-.0324		
3.5900			.2373	-.0192		
10.4600	.0566	.2083			-.3442	-.1844
10.4880	.0877	.1998			-.3202	-.1924
16.9600			.2347	.0081		
16.9700			.2343	-.0009		

MACH (5) = 1.401 WA (1) = .029 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0383	.0451		
3.5900			.0387	.0478		
10.4600	.0309	.0972			-.0294	.0081
10.4880	.0306	.0842			-.0270	.0053
16.9600			.0425	.0500		
16.9700			.0413	.0494		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (5) = 1.416 WA (2) = .100 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0418	.0460		
3.5900			.0417	.0486		
10.4600	.0318	.0982			-.0376	.0033
10.4880	.0279	.0867			-.0324	-.0004
16.9600			.0457	.0503		
16.9700			.0450	.0489		

MACH (5) = 1.403 WA (3) = 1.030 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0728	.0361		
3.5900			.0723	.0415		
10.4600	.0311	.1066			-.0753	-.0357
10.4880	.0322	.0941			-.0703	-.0386
16.9600			.0763	.0490		
16.9700			.0770	.0484		

MACH (5) = 1.414 WA (4) = 1.143 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0681	.0320		
3.5900			.0684	.0324		
10.4600	.0262	.0990			-.0807	-.0419
10.4880	.0259	.0868			-.0786	-.0478
16.9600			.0734	.0407		
16.9700			.0731	.0398		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (5) = 1.401 WA (5) = 1.729 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0967	.0426		
3.5900			.0945	.0446		
10.4600	.0311	.1120			-.1372	-.0881
10.4880	.0319	.0996			-.1352	-.0919
16.9600			.1034	.0532		
16.9700			.1026	.0529		

MACH (5) = 1.396 WA (6) = 3.266 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1403	.0326		
3.5900			.1385	.0377		
10.4600	.0269	.1325			-.1793	-.1185
10.4880	.0373	.1215			-.1762	-.1222
16.9600			.1468	.0454		
16.9700			.1453	.0470		

MACH (5) = 1.400 WA (7) = 4.761 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1881	.0166		
3.5900			.1858	.0234		
10.4600	.0194	.1545			-.2315	-.1366
10.4880	.0443	.1480			-.2177	-.1401
16.9600			.1881	.0457		
16.9700			.1868	.0395		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (5) = 1.395 WA (8) = 5.969 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.2154	.0018		
3.5900			.2138	.0116		
10.4600	.0164	.1731			-.2695	-.1440
10.4880	.0557	.1649			-.2542	-.1478
16.9600			.2125	.0389		
16.9700			.2125	.0305		

MACH (5) = 1.398 WA (9) = 6.036 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.2230	.0005		
3.5900			.2210	.0082		
10.4600	.0196	.1754			-.2788	-.1432
10.4880	.0603	.1651			-.2688	-.1513
16.9600			.2194	.0370		
16.9700			.2204	.0285		

MACH (5) = 1.397 WA (10) = 7.102 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.2429	-.0202		
3.5900			.2418	-.0057		
10.4600	.0301	.1737			-.3294	-.1486
10.4880	.0811	.1599			-.3125	-.1524
16.9600			.2442	.0162		
16.9700			.2457	.0089		

CALIBRATION PANEL - LOW Q (RACG01)

MACH (5) = 1.396 WA (11) = 8.420 RN/L = 3.1607 TTF = 100.11

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.2648	-.0624		
3.5900			.2648	-.0366		
10.4600	.0797	.2270			-.3698	-.1531
10.4880	.1455	.2186			-.3559	-.1669
16.9600			.2667	-.0341		
16.9700			.2667	-.0356		

DATE 14 APR 82 PRESSURE SOURCE DATA TABULATION - OS50(ARC 11 TWT 425-1)

(RACG02) (15 JAN 81)

CALIBRATION PANEL - MEDIUM Q

PARAMETRIC DATA

REFERENCE DATA

SEQ = 2.000

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

MACH (1) = 1.107 WA (1) = .053 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0334	0123		
3.5900			.0304	.0144		
10.4600	.0344	.0875			-.0804	-.0137
10.4880	.0283	.0683			-.0706	-.0224
16.9600			.0367	.0286		
16.9700			.0368	.0289		

MACH (1) = 1.106 WA (2) = .981 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0506	-.0047		
3.5900			.0513	.0029		
10.4600	.0362	.0939			-.1150	-.0666
10.4880	.0316	.0772			-.1059	-.0520
16.9600			.0556	.0172		
16.9700			.0549	.0160		

MACH (1) = 1.107 WA (3) = 1.119 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0565	.0000		
3.5900			.0565	.0055		
10.4600	.0383	.0958			-.1148	-.0474
10.4880	.0351	.0824			-.1069	-.0513
16.9600			.0598	.0178		
16.9700			.0612	.0178		

CALIBRATION PANEL - MEDIUM Q (RACG02)

MACH (1) = 1.108 WA (4) = 1.723 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0715	-.0075		
3.5900			.0708	-.0004		
10.4600	.0423	.1038			-.1345	-.0630
10.4880	.0397	.0921			-.1240	-.0663
16.9600			.0734	.0089		
16.9700			.0755	.0137		

MACH (1) = 1.105 WA (5) = 3.133 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1020	-.0181		
3.5900			.1019	-.0117		
10.4600	.0521	.1222			-.1864	-.1013
10.4880	.0479	.1099			-.1770	-.1067
16.9600			.1048	-.0019		
16.9700			.1072	-.0015		

MACH (1) = 1.106 WA (6) = 4.502 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1319	-.0048		
3.5900			.1320	-.0034		
10.4600	.0629	.1440			-.2540	-.1707
10.4880	.0631	.1315			-.2446	-.1753
16.9600			.1407	.0093		
16.9700			.1384	.0033		

CALIBRATION PANEL - MEDIUM Q (RAC002)

MACH (1) = 1.107 WA (7) = 5.654 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1607	-.0143		
3.5900			.1582	-.0096		
10.4600	.0782	.1645			-.2749	-.1812
10.4880	.0759	.1557			-.2669	-.1889
16.9600			.1621	.0054		
16.9700			.1673	.0044		

MACH (1) = 1.108 WA (8) = 6.076 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1692	-.0191		
3.5900			.1647	-.0146		
10.4600	.0824	.1757			-.2782	-.1841
10.4880	.0836	.1630			-.2686	-.1919
16.9600			.1766	.0106		
16.9700			.1749	.0044		

MACH (1) = 1.106 WA (9) = 7.209 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1904	-.0205		
3.5900			.1921	-.0171		
10.4600	.0928	.1908			-.2886	-.1956
10.4880	.0992	.1807			-.2900	-.2031
16.9600			.1954	.0028		
16.9700			.1945	-.0061		

CALIBRATION PANEL - MEDIUM Q (RACG02)

MACH (1) = 1.108 WA (10) = 8.415 RN/L = 4.6503 TTF = 99.799

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.2151	-.0277		
3.5900			.2152	-.0243		
10.4600	.1087	.2143			-.3091	-.2045
10.4880	.1222	.2042			-.2951	-.2125
16.9600			.2185	.0008		
16.9700			.2167	-.0093		

MACH (2) = 1.401 WA (1) = .035 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0261	.0340		
3.5900			.0258	.0369		
10.4600	.0145	.0854			-.0437	-.0050
10.4880	.0148	.0717			-.0411	-.0095
16.9600			.0303	.0366		
16.9700			.0286	.0359		

MACH (2) = 1.413 WA (2) = .095 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0396	.0436		
3.5900			.0398	.0470		
10.4600	.0257	.0979			-.0364	.0016
10.4880	.0255	.0850			-.0334	-.0028
16.9600			.0435	.0491		
16.9700			.0424	.0473		

CALIBRATION PANEL - MEDIUM Q (RACG02)

MACH (2) = 1.410 WA (3) = .980 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0595	.0362		
3.5900			.0589	.0396		
10.4600	.0225	.0996			-.0755	-.0335
10.4880	.0230	.0860			-.0731	-.0378
16.9600			.0639	.0451		
16.9700			.0634	.0431		

MACH (2) = 1.401 WA (4) = 1.088 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0573	.0278		
3.5900			.0573	.0317		
10.4600	.0166	.0928			-.0826	-.0432
10.4880	.0180	.0801			-.0790	-.0470
16.9600			.0620	.0362		
16.9700			.0618	.0362		

MACH (2) = 1.401 WA (5) = 1.706 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0741	.0275		
3.5900			.0743	.0294		
10.4600	.0155	.0979			-.1054	-.0622
10.4880	.0166	.0852			-.1008	-.0644
16.9600			.0796	.0364		
16.9700			.0796	.0346		

CALIBRATION PANEL - MEDIUM Q (RACG02)

MACH (2) = 1.397 WA (6) = 3.222 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1115	.0220		
3.5900			.1104	.0280		
10.4600	.0124	.1131			-.1798	-.1224
10.4880	.0193	.1013			-.1742	-.1247
16.9600			.1211	.0425		
16.9700			.1198	.0384		

MACH (2) = 1.395 WA (7) = 4.633 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1483	.0195		
3.5900			.1469	.0247		
10.4600	.0091	.1263			-.2046	-.1319
10.4880	.0226	.1166			-.1978	-.1361
16.9600			.1529	.0351		
16.9700			.1532	.0315		

MACH (2) = 1.393 WA (8) = 5.750 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1748	.0100		
3.5900			.1736	.0155		
10.4600	.0056	.1403			-.2297	-.1423
10.4880	.0278	.1330			-.2311	-.1525
16.9600			.1754	.0363		
16.9700			.1752	.0293		

CALIBRATION PANEL - MEDIUM Q (RACG02)

MACH (2) = 1.390 WA (9) = 6.070 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1855	.0081		
3.5900			.1834	.0133		
10.4600	.0043	.1465			-.2435	-.1461
10.4880	.0323	.1415			-.2350	-.1517
16.9600			.1829	.0361		
16.9700			.1834	.0281		

MACH (2) = 1.387 WA (10) = 7.397 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.2100	-.0082		
3.5900			.2085	-.0008		
10.4600	.0005	.1638			-.2832	-.1550
10.4880	.0445	.1550			-.2683	-.1612
16.9600			.2076	.0307		
16.9700			.2056	.0177		

MACH (2) = 1.393 WA (11) = 8.558 RN/L = 3.8104 TTF = 109.06

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.2369	-.0231		
3.5900			.2375	-.0145		
10.4600	.0103	.1702			-.3213	-.1504
10.4880	.0631	.1567			-.3066	-.1538
16.9600			.2304	.0246		
16.9700			.2291	.0153		

CALIBRATION PANEL - HIGH Q (RACG03) (15 JAN 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 3.000

MACH (1) = 1.109 WA (1) = .065 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0337	.0131		
3.5900			.0339	.0183		
10.4600	.0314	.0861			-.0797	-.0134
10.4880	.0290	.0676			-.0684	-.0191
16.9600			.0378	.0321		
16.9700			.0383	.0295		

MACH (1) = 1.107 WA (2) = .995 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0496	.0015		
3.5900			.0502	.0094		
10.4600	.0336	.0932			-.1043	-.0376
10.4880	.0302	.0757			-.0959	-.0422
16.9600			.0558	.0230		
16.9700			.0534	.0211		

MACH (1) = 1.106 WA (3) = 1.098 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0525	.0014		
3.5900			.0510	.0054		
10.4600	.0329	.0914			-.1049	-.0390
10.4880	.0310	.0794			-.0978	-.0457
16.9600			.0567	.0202		
16.9700			.0575	.0208		

CALIBRATION PANEL - HIGH Q (RACG03)

MACH (1) = 1.107 WA (4) = 1.728 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0628	-.0043		
3.5900			.0623	.0008		
10.4600	.0363	.0995			-.1239	-.0543
10.4880	.0330	.0860			-.1204	-.0656
16.9600			.0693	.0168		
16.9700			.0674	.0133		

MACH (1) = 1.106 WA (5) = 3.127 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0899	-.0140		
3.5900			.0890	-.0022		
10.4600	.0429	.1137			-.1629	-.0851
10.4880	.0418	.1009			-.1505	-.0845
16.9600			.0947	.0064		
16.9700			.0951	.0036		

MACH (1) = 1.105 WA (6) = 4.506 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1153	-.0143		
3.5900			.1148	-.0139		
10.4600	.0519	.1311			-.2102	-.1221
10.4880	.0533	.1167			-.2054	-.1296
16.9600			.1218	-.0016		
16.9700			.1202	-.0054		

CALIBRATION PANEL - HIGH Q (RACG03)

MACH (1) = 1.107 WA (7) = 5.665 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1394	-.0022		
3.5900			.1391	.0001		
10.4600	.0599	.1459			-.2598	-.1761
10.4880	.0645	.1357			-.2410	-.1719
16.9600			.1471	.0098		
16.9700			.1477	.0075		

MACH (1) = 1.105 WA (8) = 6.080 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1430	-.0112		
3.5900			.1433	-.0073		
10.4600	.0628	.1514			-.2670	-.1780
10.4880	.0684	.1387			-.2509	-.1727
16.9600			.1517	.0062		
16.9700			.1494	.0062		

MACH (1) = 1.105 WA (9) = 7.159 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1654	-.0171		
3.5900			.1656	-.0134		
10.4600	.0739	.1680			-.2781	-.1849
10.4880	.0809	.1581			-.2634	-.1883
16.9600			.1720	.0050		
16.9700			.1696	.0040		

CALIBRATION PANEL - HIGH Q (RACG03)

MACH (1) = 1.105 WA (10) = 8.429 RN/L = 5.5031 TTF = 106.99

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1903	-.0168		
3.5900			.1903	-.0102		
10.4600	.0880	.1900			-.2892	-.1909
10.4880	.0975	.1788			-.2778	-.1987
16.9600			.1958	.0013		
16.9700			.1940	-.0003		

MACH (2) = 1.395 WA (1) = .044 RN/L = 5.1710 TTF = 122.43

SECTION (1)CAL GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0216	.0263		
3.5900			.0214	.0301		
10.4600	.0025	.0808			-.0498	-.0121
10.4880	.0040	.0659			-.0456	-.0138
16.9600			.0252	.0326		
16.9700			.0237	.0314		

CALIBRATION PANEL - LOW Q (RACP01) (15 JAN 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

MACH (1) = .787 WA (1) = .104 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	14.7000	14.7100	14.6700	14.7000	14.6910	14.6910	14.6930	14.6910	14.6910	14.6910	14.6910	14.6910

MACH (1) = .787 WA (2) = .893 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	15.1100	15.2300	15.0200	15.0600	14.6970	14.6980	14.6970	14.6970	14.6930	14.6930	14.6930	14.6930

MACH (1) = .787 WA (3) = .939 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	15.1700	15.3000	15.0700	15.1200	14.6950	14.6980	14.6970	14.6970	14.6930	14.6930	14.6930	14.6930

MACH (1) = .782 WA (4) = .969 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	15.2100	15.4400	15.1100	15.1700	14.7580	14.7610	14.7610	14.7650	14.7550	14.7550	14.7550	14.7550

CALIBRATION PANEL - LOW Q (RACP01)

MACH (1) = .782 WA (5) = 1.111 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	15.3400	15.6400	15.2200	15.3400	14.7620	14.7640	14.7630	14.7620	14.7560	14.7560	14.7560	14.7560

MACH (1) = .782 WA (6) = 1.175 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	15.4400	15.7600	15.3100	15.4200	14.7590	14.7630	14.7620	14.7590	14.7530	14.7530	14.7530	14.7530

MACH (1) = .782 WA (7) = 1.202 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	15.5200	15.8100	15.3700	15.4600	14.7560	14.7620	14.7590	14.7580	14.7500	14.7500	14.7500	14.7500

MACH (1) = .782 WA (8) = 1.676 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	16.4000	16.7800	16.0500	16.29[illegible]	[illegible].7700	14.7770	14.7740	14.7720	14.7600	14.7600	14.7600	14.7600

MACH (1) = .782 WA (9) = 1.706 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	16.5100	16.8700	16.1100	16.3700	14.7720	14.7790	14.7760	14.7720	14.7600	14.7600	14.7600	14.7600

CALIBRATION PANEL - LOW Q (RACP01)

MACH (1) = .782 WA (10) = 1.763 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	16.5500	16.8600	16.1400	16.4000	14.7690	14.7780	14.7750	14.7710	14.7590	14.7590	14.7590	14.7590

MACH (1) = .782 WA (11) = 1.776 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	16.6500	17.0400	16.2500	16.5100	14.7730	14.7800	14.7770	14.7730	14.7620	14.7600	14.7620	14.7620

MACH (1) = .783 WA (12) = 3.177 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	22.8500	22.8600	20.9100	22.1900	14.7900	14.8290	14.8110	14.7980	14.7640	14.7640	14.7650	14.7650

MACH (1) = .783 WA (13) = 4.629 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	31.6500	31.5200	28.5000	30.5900	14.8520	14.9010	14.8760	14.8460	14.7910	14.7900	14.7910	14.7910

MACH (1) = .783 WA (14) = 5.679 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	39.0200	38.6500	34.9800	37.6200	14.9020	14.9620	14.9430	14.8950	14.8190	14.8140	14.8200	14.8200

CALIBRATION PANEL - LOW Q (RACP01)

MACH (1) = .783 WA (15) = 6.095 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	41.7200	41.3900	37.5900	40.3400	14.9240	14.9970	14.9710	14.9180	14.8330	14.8310	14.8340	14.8360

MACH (1) = .783 WA (16) = 7.360 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	50.1000	49.5500	45.0800	48.3300	14.9850	15.1040	15.0530	14.9900	14.8670	14.8620	14.8700	14.8710

MACH (1) = .782 WA (17) = 8.668 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	58.8100	57.9600	52.6700	56.7000	15.0930	15.2470	15.1710	15.1530	14.9300	14.9240	14.9340	14.9340

MACH (2) = .896 WA (1) = .055 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	8.2300	8.2100	8.1800	8.2000	8.3180	8.2250	8.2260	8.3250	8.2160	8.1690	8.3870	8.3800

MACH (2) = .902 WA (2) = .960 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	9.3700	9.5100	9.0400	9.2100	8.4130	8.3670	8.3610	8.4500	8.3390	8.3020	8.4670	8.4290

CALIBRATION PANEL - LOW Q (RACP01)

MACH (2) = .903 WA (3) = 1.102 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	9.7500	9.9300	9.3300	9.5800	8.4450	8.3900	8.3720	8.4430	8.3490	8.3060	8.4370	8.4270

MACH (2) = .907 WA (4) = 1.701 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	12.6000	12.6900	11.4900	12.1900	8.5160	8.4580	8.4520	8.4980	8.3990	8.3590	8.4920	8.4720

MACH (2) = .901 WA (5) = 3.043 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	21.4700	21.4400	19.3000	20.6600	8.6910	8.7000	8.6750	8.7000	8.6160	8.5910	8.6530	8.6700

MACH (2) = .901 WA (6) = 4.501 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	30.7500	30.6100	27.6200	29.6500	8.8890	8.9410	8.9130	8.8980	8.8030	8.7990	8.8110	8.7960

MACH (2) = .903 WA (7) = 5.708 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	38.9200	38.6600	34.9600	37.4600	9.0920	9.2310	9.1680	9.1200	8.9590	8.9580	8.9460	8.9560

CALIBRATION PANEL - LOW Q (RACP01)

MACH (2) = .904 WA (8) = 6.071 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	41.2100	40.8200	36.9300	39.6400	9.1250	9.2650	9.2100	9.1330	8.9830	8.9800	8.9810	8.9900

MACH (2) = .904 WA (9) = 7.273 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	49.3500	48.6500	44.2200	47.4900	9.2650	9.5040	9.4610	9.2700	9.1130	9.1100	9.1180	9.1120

MACH (2) = .903 WA (10) = 8.504 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	57.4800	56.8900	51.6300	55.3100	9.4570	9.8060	9.7320	9.4400	9.2560	9.2410	9.2410	9.2430

MACH (3) = 1.104 WA (1) = .046 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.3100	6.3500	6.2700	6.3100	6.4450	6.3380	6.3420	6.4250	6.3360	6.3020	6.4780	6.4790

MACH (3) = 1.103 WA (2) = .997 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.1100	8.2400	7.6300	7.9200	6.6620	6.5720	6.5600	6.6250	6.5330	6.5040	6.6470	6.6250

CALIBRATION PANEL - LOW Q (RACP01)

MACH (3) = 1.103 WA (3) = 1.049 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.4400	8.5700	7.8500	8.2100	6.6760	6.5950	6.5900	6.6540	6.5490	6.5280	6.6570	6.6480

MACH (3) = 1.103 WA (4) = 1.684 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	11.8900	11.9900	10.6900	11.4500	6.7930	6.7280	6.7280	6.7810	6.6910	6.6700	6.7750	6.7560

MACH (3) = 1.104 WA (5) = 3.089 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	21.4200	21.4800	19.2000	20.6400	7.0560	7.0620	7.0280	7.0270	6.9350	6.9250	6.9590	6.9750

MACH (3) = 1.104 WA (6) = 4.426 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	30.7300	30.5600	27.5100	29.6400	7.2880	7.3710	7.3260	7.3070	7.1940	7.1800	7.1880	7.1940

MACH (3) = 1.103 WA (7) = 5.505 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.2300	38.0000	34.3100	36.8600	7.5090	7.6700	7.6210	7.4840	7.3610	7.3480	7.3520	7.3550

CALIBRATION PANEL - LOW Q (RACP01)

MACH (3) = 1.106 WA (8) = 5.885 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	40.7600	40.5400	36.6500	39.2800	7.5530	7.7780	7.7270	7.5810	7.4290	7.4050	7.4190	7.3970

MACH (3) = 1.106 WA (9) = 7.144 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	49.2200	48.7900	44.1500	47.3800	7.8490	8.1380	8.0590	7.7990	7.6240	7.6160	7.6070	7.6090

MACH (3) = 1.104 WA (10) = 8.434 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	57.5700	57.1300	51.7800	55.4000	8.0630	8.4560	8.3670	8.0400	7.7790	7.7580	7.7660	7.7510

MACH (4) = 1.253 WA (1) = .042 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0300	5.1000	4.9700	5.0700	5.1710	5.1040	5.0980	5.1540	5.1010	5.0710	5.1710	5.1490

MACH (4) = 1.252 WA (2) = .993 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	7.3900	7.5500	6.7700	7.1900	5.4390	5.3570	5.3470	5.4120	5.3280	5.3010	5.4060	5.3780

CALIBRATION PANEL - LOW Q (RACP01)

MACH (4) = 1.254 WA (3) = 1.109 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0300	8.2000	7.2900	7.7800	5.4760	5.3940	5.3890	5.4450	5.3610	5.3350	5.4240	5.4080

MACH (4) = 1.256 WA (4) = 1.725 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	11.9100	12.0300	10.5900	11.5500	5.6090	5.5490	5.5440	5.5780	5.4960	5.4750	5.5410	5.5430

MACH (4) = 1.256 WA (5) = 3.141 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	21.5900	21.6300	19.3100	20.8400	5.8630	5.9100	5.8820	5.8690	5.8010	5.7940	5.7940	5.7910

MACH (4) = 1.255 WA (6) = 4.522 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	30.9400	30.7900	27.7000	29.8500	6.1790	6.3010	6.2810	6.1700	6.0640	6.0560	6.0590	6.0490

MACH (4) = 1.255 WA (7) = 5.657 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.3400	38.1900	34.5200	37.0100	6.4030	6.6020	6.5620	6.3870	6.2390	6.2290	6.2360	6.2350

CALIBRATION PANEL - LOW Q (RACP01)

MACH (4) = 1.255 WA (8) = 6.076 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	41.1000	40.8400	36.9300	39.6400	6.4910	6.7410	6.6730	6.4740	6.3210	6.3080	6.3050	6.3020

MACH (4) = 1.255 WA (9) = 7.211 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	49.1100	48.8000	44.1800	47.3300	6.7330	7.0860	7.0080	6.7360	6.4970	6.4810	6.4940	6.4870

MACH (4) = 1.256 WA (10) = 8.423 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	57.4900	56.9900	51.7800	55.4800	7.0300	7.4280	7.4280	7.0040	6.7060	6.6570	6.6760	6.6930

MACH (5) = 1.401 WA (1) = .029 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	3.4600	3.4700	3.3800	3.4000	3.4860	3.4680	3.4670	3.4810	3.4710	3.4550	3.4950	3.4890

MACH (5) = 1.416 WA (2) = .100 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	3.4100	3.4100	3.3200	3.3500	3.4120	3.3970	3.3970	3.4090	3.3970	3.3840	3.4180	3.4150

CALIBRATION PANEL - LOW Q (RACP01)

MACH (5) = 1.403 WA (3) = 1.030 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.9800	7.0800	6.2300	6.6500	3.8750	3.8280	3.8250	3.8610	3.8040	3.7870	3.8330	3.8340

MACH (5) = 1.414 WA (4) = 1.143 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	7.7200	7.8200	6.8300	7.3500	3.9080	3.8650	3.8570	3.8850	3.8280	3.8100	3.8510	3.8500

MACH (5) = 1.401 WA (5) = 1.729 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	11.6100	11.6300	10.3000	11.0900	3.9420	3.9590	3.9540	3.9440	3.9110	3.9100	3.9100	3.9080

MACH (5) = 1.396 WA (6) = 3.266 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	21.6600	21.5900	19.4300	20.8200	4.4240	4.5000	4.4910	4.4230	4.3430	4.3400	4.3410	4.3370

MACH (5) = 1.400 WA (7) = 4.761 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	30.9300	30.7000	27.7700	29.7100	4.5220	4.7220	4.6700	4.5100	4.3660	4.3570	4.3530	4.3620

CALIBRATION PANEL - LOW Q (RACP01)

MACH (5) = 1.395 WA (8) = 5.969 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	38.4400	38.0200	34.5500	36.9300	4.7940	5.0700	5.0470	4.7830	4.5720	4.5580	4.5610	4.5720

MACH (5) = 1.398 WA (9) = 6.036 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	40.8600	40.4400	36.6300	39.2200	4.8460	5.1420	5.1210	4.8380	4.6000	4.5800	4.5790	4.5880

MACH (5) = 1.397 WA (10) = 7.102 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	48.5400	48.0900	43.5700	46.6500	5.3360	5.3870	5.4040	5.2590	4.7940	4.7700	4.7790	4.7730

MACH (5) = 1.396 WA (11) = 8.420 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	57.9100	57.2800	51.9500	55.6900	5.7550	5.8150	5.8180	5.6600	5.0060	4.9620	4.9800	4.9800

CALIBRATION PANEL - MEDIUM Q (RACP02) (15 JAN 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 2.000

MACH (1) = 1.107 WA (1) = .053 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	7.3100	7.3700	7.2700	7.3300	7.4800	7.3610	7.3470	7.4460	7.3490	7.3020	7.5140	7.4980

MACH (1) = 1.106 WA (2) = .981 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.7600	8.9400	8.3900	8.6200	7.6980	7.5890	7.5710	7.6600	7.5610	7.5200	7.7020	7.6690

MACH (1) = 1.107 WA (3) = 1.119 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	9.2700	9.4500	8.7600	9.0800	7.7230	7.6040	7.6020	7.6880	7.5800	7.5680	7.7230	7.6830

MACH (1) = 1.108 WA (4) = 1.723 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.3300	12.4300	11.1900	11.9300	7.8220	7.7430	7.7340	7.7970	7.6880	7.6660	7.8050	7.7770

CALIBRATION PANEL - MEDIUM Q (RACP02)

MACH (1) = 1.105 WA (5) = 3.133 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	21.6000	21.5600	19.3000	20.8300	8.1060	8.0690	8.0530	8.0810	7.9730	7.9560	8.0160	8.0030

MACH (1) = 1.106 WA (6) = 4.502 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	30.8500	30.6600	27.6100	29.7400	8.3090	8.3800	8.3340	8.3300	8.2220	8.2290	8.2220	8.2380

MACH (1) = 1.107 WA (7) = 5.654 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	38.4000	38.1500	34.4700	37.0200	8.5300	8.6610	8.6280	8.5040	8.4140	8.4060	8.4150	8.4150

MACH (1) = 1.108 WA (8) = 6.076 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	41.0700	40.7800	36.9600	39.5900	8.6120	8.7710	8.7340	8.6050	8.4760	8.4750	8.4790	8.4560

MACH (1) = 1.106 WA (9) = 7.209 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	49.0500	48.5700	44.0300	47.2600	8.8370	9.0800	9.0050	8.8090	8.6410	8.6470	8.6540	8.6640

CALIBRATION PANEL - MEDIUM Q (RACP02)

MACH (1) = 1.108 WA (10) = 8.415 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	57.3900	56.8500	51.6100	55.2700	9.0850	9.4130	9.3360	9.0630	8.8410	8.8160	8.8210	8.8300

MACH (2) = 1.401 WA (1) = .035 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.2300	4.2400	4.1600	4.1700	4.2750	4.2560	4.2560	4.2670	4.2540	4.2360	4.2840	4.2720

MACH (2) = 1.413 WA (2) = .095 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.2500	4.2800	4.1700	4.2100	4.2790	4.2570	4.2570	4.2730	4.2590	4.2390	4.2840	4.2780

MACH (2) = 1.410 WA (3) = .980 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.9800	7.1000	6.2900	6.6900	4.5080	4.4650	4.4590	4.4900	4.4450	4.4220	4.4770	4.4700

MACH (2) = 1.401 WA (4) = 1.088 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	7.6800	7.8200	6.8900	7.3900	4.5570	4.5170	4.5110	4.5510	4.4900	4.4730	4.5230	4.5240

CALIBRATION PANEL - MEDIUM Q (RACP02)

MACH (2) = 1.401 WA (5) = 1.706 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	11.8000	11.8900	10.4900	11.3100	4.7170	4.6890	4.6840	4.6980	4.6410	4.6280	4.6620	4.6640

MACH (2) = 1.397 WA (6) = 3.222 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	21.6200	21.6600	19.4100	20.8400	5.0730	5.1360	5.1040	5.0880	5.0050	4.9980	5.0000	5.0000

MACH (2) = 1.395 WA (7) = 4.633 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	30.8800	30.7800	27.7500	29.7400	5.3730	5.5340	5.5030	5.3650	5.2470	5.2370	5.2370	5.2370

MACH (2) = 1.393 WA (8) = 5.750 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.3500	38.0600	34.4700	36.9300	5.6280	5.8820	5.8180	5.6140	5.4520	5.4340	5.4370	5.4400

MACH (2) = 1.390 WA (9) = 6.070 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	40.8600	40.6000	36.7800	39.3400	5.7540	6.0200	5.9650	5.7450	5.5550	5.5400	5.5370	5.5520

CALIBRATION PANEL - MEDIUM Q (RACP02)

MACH (2) = 1.387 WA (10) = 7.397 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	49.3600	48.9400	44.4000	47.5100	5.9980	6.3470	6.3260	5.9820	5.7190	5.7020	5.7010	5.7050

MACH (2) = 1.393 WA (11) = 8.558 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	57.4400	56.8900	51.6400	55.3000	6.2940	6.7830	6.5360	6.2090	5.9020	5.8710	5.8830	5.8720

DATE 14 APR 82 PRESSURE SOURCE DATA TABULATION - CS50(ARC II TWT 425-1)

(RACP03) (15 JAN 81)

CALIBRATION PANEL - HIGH Q

PARAMETRIC DATA

REFERENCE DATA

SEQ = 3.000

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

MACH (1) = 1.109 WA (1) = .065 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	8.7900	8.8800	8.7800	8.8400	8.9860	8.8500	8.8430	8.9580	8.8340	8.7790	9.0050	9.0050

MACH (1) = 1.107 WA (2) = .995 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	9.9900	10.2300	9.7300	9.9200	9.2030	9.0820	9.0790	9.1910	9.0580	9.0080	9.2220	9.1910

MACH (1) = 1.106 WA (3) = 1.098 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	10.2800	10.5300	9.9500	10.1800	9.2400	9.1170	9.1170	9.2260	9.0920	9.0330	9.2320	9.1950

MACH (1) = 1.107 WA (4) = 1.728 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	12.9600	13.1100	11.9500	12.6100	9.3750	9.2570	9.2300	9.3260	9.1890	9.1520	9.3140	9.2920

CALIBRATION PANEL - HIGH Q (RACP03)

MACH (1) = 1.106 WA (5) = 3.127 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	21.5200	21.6100	19.4100	20.8400	9.6630	9.5730	9.5630	9.6230	9.4740	9.4510	9.5410	9.5500

MACH (1) = 1.105 WA (6) = 4.506 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	30.8200	30.6800	27.6400	29.7300	9.8930	9.8920	9.8680	9.8610	9.7270	9.7240	9.7820	9.7640

MACH (1) = 1.107 WA (7) = 5.665 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.4000	38.1700	34.5200	37.0500	10.0610	10.1480	10.0970	10.0660	9.9530	9.9340	9.9450	9.9380

MACH (1) = 1.105 WA (8) = 6.080 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	41.0400	40.8600	36.9500	39.5800	10.1430	10.2380	10.1700	10.1740	10.0270	10.0210	10.0230	10.0020

MACH (1) = 1.105 WA (9) = 7.159 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	49.1500	48.8300	44.2400	47.3800	10.3660	10.5430	10.5230	10.3780	10.2080	10.1920	10.2010	10.2100

CALIBRATION PANEL - HIGH Q (RACP03)

MACH (1) = 1.105 WA (10) = 8.429 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	57.5500	57.2500	51.8900	55.4800	10.6020	10.9130	10.8350	10.5860	10.4080	10.3650	10.4070	10.4020

MACH (2) = 1.395 WA (1) = .044 RN/L = 5.1710 TTF = 122.43

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	5.9200	5.9500	5.8500	5.8700	5.9700	5.9480	5.9420	5.9570	5.9380	5.9110	5.9830	5.9720

CALIBRATION PANEL - LOW Q (RACT01) (15 JAN 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 1.000

MACH (1) = .787 WA (1) = .104 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 526.1400525.4000525.1200524.9800

MACH (1) = .787 WA (2) = .893 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 527.8500527.5000527.5700527.5000

MACH (1) = .787 WA (3) = .939 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.3300529.6300529.6300530.5000

MACH (1) = .782 WA (4) = .969 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 543.3800541.5700541.9900545.1800

CALIBRATION PANEL - LOW Q (RACT01)

MACH (1) = .782 WA (5) = 1.111 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 545.4900545.0800545.0800545.7000

MACH (1) = .782 WA (6) = 1.175 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 546.5700545.8400546.0800547.1500

MACH (1) = .782 WA (7) = 1.202 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 547.0200545.4200546.3200548.4700

MACH (1) = .782 WA (8) = 1.676 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 540.3900540.8400539.5200539.7300

MACH (1) = .782 WA (9) = 1.706 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 542.1600542.2700541.1200541.6100

CALIBRATION PANEL - LOW Q (RACT01)

MACH (1) = .782 WA (10) = 1.763 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 537.4400537.3000532.5600532.4600

MACH (1) = .782 WA (11) = 1.776 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 543.0000543.1300542.4400542.6800

MACH (1) = .783 WA (12) = 3.177 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 539.4500538.0300536.5700536.9500

MACH (1) = .783 WA (13) = 4.629 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 537.8200539.3800535.2100535.1700

MACH (1) = .783 WA (14) = 5.679 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 541.5400539.2100536.1500536.3900

CALIBRATION PANEL - LOW Q (RACTGI)

MACH (1) = .783 WA (15) = 6.095 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 543.4500539.9400537.4400535.1100

MACH (1) = .783 WA (16) = 7.360 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 540.6000536.2900534.4800534.2300

MACH (1) = .782 WA (17) = 8.668 RN/L = 6.3300 TTF = 68.302

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.7000532.5600533.0200531.9700

MACH (2) = .896 WA (1) = .055 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 536.0100530.8200523.8700519.9800

MACH (2) = .902 WA (2) = .960 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 549.0600535.1700523.6200523.5500

CALIBRATION PANEL - LOW Q (RACT01)

MACH (2) = .903 WA (3) = 1.102 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 551.5800536.9800524.4900525.1600

MACH (2) = .907 WA (4) = 1.701 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 557.0700544.2400525.7500526.4200

MACH (2) = .901 WA (5) = 3.043 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 570.1300570.2300554.7600556.2100

MACH (2) = .901 WA (6) = 4.501 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 546.1200547.1500540.8100540.8100

MACH (2) = .903 WA (7) = 5.708 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 544.6300543.8300539.8700539.1400

CALIBRATION PANEL - LOW Q (RACT01)

MACH (2) = .904 WA (8) = 6.071 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 540.0100537.8200533.5000532.3200

MACH (2) = .904 WA (9) = 7.273 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 543.0300543.9700535.6600534.1700

MACH (2) = .903 WA (10) = 8.504 RN/L = 4.0089 TTF = 90.885

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 539.8700540.7400532.9500531.4800

MACH (3) = 1.104 WA (1) = .046 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 538.5800532.6700526.8400521.2000

MACH (3) = 1.103 WA (2) = .997 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.7500536.7400522.5700522.2200

CALIBRATION PANEL - LOW Q (RACT01)

MACH (3) = 1.103 WA (3) = 1.049 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 557.7600541.1200524.5300524.2100

MACH (3) = 1.103 WA (4) = 1.684 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 563.0600553.6600526.9800527.2200

MACH (3) = 1.104 WA (5) = 3.089 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 560.6500561.4100554.0400556.3800

MACH (3) = 1.104 WA (6) = 4.426 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 555.8000555.9700550.6100551.1300

MACH (3) = 1.103 WA (7) = 5.505 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 561.3400561.3800553.1400553.3400

CALIBRATION PANEL - LOW Q (RACT01)

MACH (3) = 1.106 WA (8) = 5.885 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 559.9000560.8300551.8900551.7200

MACH (3) = 1.106 WA (9) = 7.144 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 556.2800557.0400549.1300548.5000

MACH (3) = 1.104 WA (10) = 8.434 RN/L = 4.0465 TTF = 94.709

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 552.0000551.7200544.5600543.1700

MACH (4) = 1.253 WA (1) = .042 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 547.4000540.2900535.7700531.0600

MACH (4) = 1.252 WA (2) = .993 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 555.6200548.0500528.8600528.6200

CALIBRATION PANEL - LOW Q (RACT01)

MACH (4) = 1.254 WA (3) = 1.109 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 558.7600551.6500529.1400529.2100

MACH (4) = 1.256 WA (4) = 1.725 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 560.3800559.9300535.3800535.2400

MACH (4) = 1.256 WA (5) = 3.141 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 554 6600554.0700547.3600547.6000

MACH (4) = 1.255 WA (6) = 4.522 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 552.9000551.5800544.9700544.2400

MACH (4) = 1.255 WA (7) = 5.657 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 545.9400546.9100539.7300538.2000

CALIBRATION PANEL - LOW Q (RACT01)

MACH (4) = 1.255 WA (8) = 6.076 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 543.2700543.8300537.0200535.4200

MACH (4) = 1.255 WA (9) = 7.211 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 544.4500544.3500536.7800535.7700

MACH (4) = 1.256 WA (10) = 8.423 RN/L = 3.9182 TTF = 103.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 549.3400549.2300540.7700540.1500

MACH (5) = 1.401 WA (1) = .029 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 526.3500525.2600519.5600517.5600

MACH (5) = 1.416 WA (2) = .100 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 536.9500534.1700524.1100522.0800

CALIBRATION PANEL - LOW Q (RACT01)

MACH (5) = 1.403 WA (3) = 1.030 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 540.3200542.3700524.8100523.8000

MACH (5) = 1.414 WA (4) = 1.143 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 541.0900543.0000529.0000527.6800

MACH (5) = 1.401 WA (5) = 1.729 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 536.1800537.8500530.8200530.2900

MACH (5) = 1.396 WA (6) = 3.266 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.6300527.6100523.3800521.5900

MACH (5) = 1.400 WA (7) = 4.761 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 509.3700508.5500504.8900501.3900

CALIBRATION PANEL - LOW Q (RACT01)

MACH (5) = 1.395 WA (8) = 5.969 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 503.8600500.0100497.1100492.6600

MACH (5) = 1.398 WA (9) = 6.036 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 522.9900523.9000514.7500515.1300

MACH (5) = 1.397 WA (10) = 7.102 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 540.0800541.1600534.7200535.9400

MACH (5) = 1.396 WA (11) = 8.420 RN/L = 3.1607 TTF = 100.11

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 544.6900546.2500539.8700541.8500

CALIBRATION PANEL - MEDIUM Q (RACT02) (15 JAN 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

SEQ = 2.000

MACH (1) = 1.107 WA (1) = .053 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 544.2400537.8500531.5900525.7500

MACH (1) = 1.106 WA (2) = .981 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 552.7900541.2900527.2600526.3800

MACH (1) = 1.107 WA (3) = 1.119 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 556.2400542.6100527.6800527.1500

MACH (1) = 1.108 WA (4) = 1.723 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 559.8300548.6100528.4100528.1700

DATE 14 APR 82 PRESSURE SOURCE DATA TABULATION - CS50(ARC 11 TWT 425-1) (RAGT02)

CALIBRATION PANEL - MEDIUM Q

MACH (1) = 1.105 WA (5) = 3.133 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 559.0000558.4100549.6800551.8600

MACH (1) = 1.106 WA (6) = 4.502 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 550.9300549.8200544.5900544.4200

MACH (1) = 1.107 WA (7) = 5.654 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 547.0200544.7600540.0100538.7900

MACH (1) = 1.108 WA (8) = 6.076 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 544.2800541.8200536.1800534.6200

MACH (1) = 1.106 WA (9) = 7.209 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 540.0100541.9200532.4600531.6900

CALIBRATION PANEL - MEDIUM Q (RACT02)

MACH (1) = 1.108 WA (10) = 8.415 RN/L = 4.6503 TTF = 99.799

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 546.0500547.1500538.4800538.0300

MACH (2) = 1.401 WA (1) = .035 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.2400531.2000527.2600525.2300

MACH (2) = 1.413 WA (2) = .095 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.7100532.7400525.5100523.2400

MACH (2) = 1.410 WA (3) = .980 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 544.9000546.0500529.6300528.5500

MACH (2) = 1.401 WA (4) = 1.088 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 554.6200556.6600534.1700533.1900

CALIBRATION PANEL - MEDIUM Q (RACT02)

MACH (2) = 1.401 WA (5) = 1.706 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 557.8600559.1400552.5800554.2100

MACH (2) = 1.397 WA (6) = 3.222 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 544.2100542.8600539.4500537.9900

MACH (2) = 1.395 WA (7) = 4.633 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.3300531.5200525.5800522.8500

MACH (2) = 1.393 WA (8) = 5.750 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 527.3600527.0100521.4500519.1700

MACH (2) = 1.390 WA (9) = 6.070 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.6100533.6100526.8000525.4000

CALIBRATION PANEL - MEDIUM Q (RACT02)

MACH (2) = 1.387 WA (10) = 7.397 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.9300530.4700523.9000522.0400

MACH (2) = 1.393 WA (11) = 8.558 RN/L = 3.8104 TTF = 109.06

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.1700529.8400523.4500523.4800

CALIBRATION PANEL - HIGH Q (RACT03) (15 JAN 81)

REFERENCE DATA

PARAMETRIC DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO

LREF = .0000 INCHES YMRP = .0000 IN. YO

BREF = .0000 INCHES ZMRP = .0000 IN. ZO

SCALE = 1.0000

SEQ = 3.000

MACH (1) = 1.109 WA (1) = .065 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 549.4000544.5900538.4100532.3900

MACH (1) = 1.107 WA (2) = .995 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 555.8300545.6700534.8300533.1500

MACH (1) = 1.106 WA (3) = 1.098 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 559.5200547.5000535.2100533.9200

MACH (1) = 1.107 WA (4) = 1.728 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 561.9900549.2000532.7000532.8400

CALIBRATION PANEL - HIGH Q (RACT03)

MACH (1) = 1.106 WA (5) = 3.127 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 561.8900560.0700538.8600539.2100

MACH (1) = 1.105 WA (6) = 4.506 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 553.9000554.5500550.5800550.8200

MACH (1) = 1.107 WA (7) = 5.665 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 546.5000545.3900540.9500540.1800

MACH (1) = 1.105 WA (8) = 6.080 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 542.0600540.9100536.9200536.1800

MACH (1) = 1.105 WA (9) = 7.159 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 551.7600550.9600543.3800543.3100

(RACT03)

CALIBRATION PANEL - HIGH Q

MACH (1) = 1.105 WA (10) = 8.429 RN/L = 5.5031 TTF = 106.99

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 551.4400553.1700544.0700542.9300

MACH (2) = 1.395 WA (1) = .044 RN/L = 5.1710 TTF = 122.43

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 537.5100538.3400535.9400534.1700

HRSI - STS-1 LIMIT (RACS04) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .033 MACH (1) = .897 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0149	.0094	.0127	.0067	-.0083	-.0288	-.0155
5.8500	.0377						-.0180
10.4600	.0222						-.0243
15.0500	-.0083						-.0234
19.6500	-.0188	.0061	.0126	.0092	-.0028	-.0218	-.0317

WA (1) = .031 MACH (2) = .923 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0136	.0083	.0106	.0050	-.0103	-.0298	-.0166
5.8500	.0363						-.0213
10.4600	.0230						-.0280
15.0500	-.0101						-.0262
19.6500	-.0271	-.0013	.0063	.0053	-.0096	-.0321	-.0348

WA (1) = .031 MACH (3) = .962 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0188	.0119	.0143	.0108	-.0070	-.0374	-.0219
5.8500	.0401						-.0235
10.4600	.0240						-.0329
15.0500	-.0103						-.0323
19.6500	-.0204	.0046	.0130	.0106	-.0030	-.0328	-.0404

HRSI - STS-1 LIMIT (RACS04)

WA (1) = .029 MACH (4) = 1.057 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0402	.0191	.0174	.0146	.0034	-.0294	-.0386
5.8500	.0658						-.0357
10.4600	.0467						-.0425
15.0500	.0020						-.0372
19.6500	-.0121	.0165	.0167	.0215	.0089	-.0162	-.0499

WA (1) = .027 MACH (5) = 1.101 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0387	.0236	.0191	.0173	.0074	-.0170	-.0205
5.8500	.0585						-.0194
10.4600	.0387						-.0297
15.0500	-.0030						-.0264
19.6500	-.0170	.0114	.0158	.0207	.0094	-.0088	-.0323

WA (1) = .026 MACH (6) = 1.141 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0441	.0295	.0244	.0258	.0184	-.0078	-.0207
5.8500	.0678						-.0154
10.4600	.0456						-.0197
15.0500	-.0033						-.0164
19.6500	-.0081	.0230	.0275	.0355	.0258	.0085	-.0287

WA (1) = .024 MACH (7) = 1.191 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0611	.0503	.0395	.0402	.0286	.0045	-.0189
5.8500	.0852						-.0130
10.4600	.0627						-.0213
15.0500	.0132						-.0139
19.6500	.0052	.0389	.0393	.0449	.0310	.0186	-.0240

HRSI - STS-1 LIMIT (RACS04)

WA (1) = .022 MACH (8) = 1.232 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0399	.0369	.0277	.0257	.0218	.0039	-.0153
5.8500	.0643						-.0092
10.4600	.0368						-.0184
15.0500	-.0172						-.0080
19.6500	-.0137	.0205	.0264	.0340	.0230	.0192	-.0175

WA (1) = .020 MACH (9) = 1.284 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0469	.0451	.0291	.0240	.0155	.0034	-.0156
5.8500	.0721						-.0099
10.4600	.0442						-.0212
15.0500	-.0071						-.0066
19.6500	-.0001	.0266	.0266	.0343	.0197	.0146	-.0171

WA (1) = .018 MACH (10) = 1.325 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0493	.0504	.0358	.0299	.0230	.0125	-.0058
5.8500	.0750						-.0003
10.4600	.0469						-.0155
15.0500	-.0055						.0042
19.6500	.0066	.0313	.0340	.0383	.0233	.0245	-.0087

WA (1) = .017 MACH (11) = 1.369 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0403	.0485	.0338	.0291	.0224	.0143	.0017
5.8500	.0673						.0102
10.4600	.0399						-.0075
15.0500	-.0129						.0134
19.6500	.0049	.0286	.0308	.0384	.0212	.0267	-.0001

HRSI - STS-1 LIMIT (RACS04)

WA (1) = .016 MACH (12) = 1.401 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0216	.0326	.0211	.0163	.0104	.0064	-.0056
5.8500	.0466						.0042
10.4600	.0177						-.0152
15.0500	-.0322						.0075
19.6500	-.0120	.0105	.0165	.0250	.0072	.0163	-.0083

HRSI - STS-1 ULTIMATE (RACS05) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .051 MACH (1) = .901 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0129	.0075	.0113	.0040	-.0113	-.0291	-.0157
5.8500	.0366						-.0203
10.4600	.0230						-.0269
15.0500	-.0098						-.0292
19.6500	-.0251	.0028	.0112	.0083	-.0064	-.0278	-.0361

WA (1) = .046 MACH (2) = 1.032 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0287	.0122	.0185	.0196	.0035	-.0321	-.0334
5.8500	.0521						-.0316
10.4600	.0335						-.0424
15.0500	-.0077						-.0396
19.6500	-.0254	.0061	.0129	.0214	.0061	-.0265	-.0523

WA (1) = .043 MACH (3) = 1.083 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0337	.0192	.0217	.0227	.0159	-.0149	-.0330
5.8500	.0570						-.0292
10.4600	.0362						-.0370
15.0500	-.0071						-.0378
19.6500	-.0223	.0140	.0244	.0306	.0209	-.0064	-.0484

HRSI - STS-1 ULTIMATE (RACS05)

WA (1) = .041 MACH (4) = 1.105 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0383	.0231	.0234	.0196	.0097	-.0161	-.0199
5.8500	.0581						-.0225
10.4600	.0369						-.0281
15.0500	-.0103						-.0271
19.6500	-.0180	.0139	.0214	.0255	.0129	-.0110	-.0374

WA (1) = .038 MACH (5) = 1.150 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0401	.0251	.0223	.0206	.0122	-.0110	-.0251
5.8500	.0641						-.0205
10.4600	.0399						-.0252
15.0500	-.0110						-.0207
19.6500	-.0168	.0177	.0182	.0245	.0155	.0003	-.0350

WA (1) = .035 MACH (6) = 1.190 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0396	.0336	.0283	.0292	.0226	.0016	-.0185
5.8500	.0671						-.0148
10.4600	.0415						-.0218
15.0500	-.0122						-.0147
19.6500	-.0144	.0224	.0282	.0339	.0252	.0135	-.0271

WA (1) = .033 MACH (7) = 1.230 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0218	.0148	.0064	.0052	-.0007	-.0118	-.0268
5.8500	.0476						-.0215
10.4600	.0176						-.0290
15.0500	-.0361						-.0192
19.6500	-.0323	.0013	.0036	.0110	.0022	.0029	-.0303

HRSI - STS-1 ULTIMATE (RACS05)

WA (1) = .030 MACH (8) = 1.279 PT = 15.714 RN/L = 4.7693 TTF = 89.060

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0329	.0300	.0171	.0128	.0070	-.0045	-.0247
5.8500	.0600						-.0185
10.4600	.0308						-.0307
15.0500	-.0225						-.0161
19.6500	-.0158	.0135	.0137	.0188	.0072	.0066	-.0269

WA (1) = .029 MACH (9) = 1.329 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0334	.0359	.0237	.0199	.0110	.0037	-.0105
5.8500	.0593						-.0020
10.4600	.0261						-.0168
15.0500	-.0263						.0037
19.6500	-.0110	.0188	.0204	.0267	.0120	.0166	-.0141

WA (1) = .027 MACH (10) = 1.373 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0330	.0402	.0296	.0243	.0172	.0098	-.0034
5.8500	.0594						.0043
10.4600	.0298						-.0130
15.0500	-.0219						.0071
19.6500	-.0042	.0211	.0241	.0303	.0163	.0190	-.0088

WA (1) = .027 MACH (11) = 1.406 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0224	.0356	.0265	.0275	.0152	.0091	-.0045
5.8500	.0505						.0059
10.4600	.0162						-.0102
15.0500	-.0291						.0090
19.6500	-.0102	.0164	.0225	.0296	.0132	.0217	-.0083

HRSI - DESIGN ULTIMATE (RACS06) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .071 MACH (1) = .908 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0117	.0049	.0095	.0028	-.0118	-.0321	-.0185
5.8500	.0370						-.0267
10.4600	.0222						-.0254
15.0500	-.0113						-.0323
19.6500	-.0300	-.0006	.0091	.0063	-.0094	-.0300	-.0393

WA (1) = .066 MACH (2) = 1.020 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0272	.0143	.0234	.0199	.0047	-.0411	-.0399
5.8500	.0550						-.0363
10.4600	.0364						-.0387
15.0500	-.0043						-.0392
19.6500	-.0213	.0119	.0243	.0259	.0095	-.0269	-.0534

WA (1) = .059 MACH (3) = 1.099 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0346	.0188	.0215	.0188	.0139	-.0018	-.0166
5.8500	.0551						-.0308
10.4600	.0324						-.1282
15.0500	-.0134						-.0275
19.6500	-.0322	.0056	.0149	.0199	.0112	.0010	-.0205

HRSI - DESIGN ULTIMATE (RACS06)

WA (1) = .059 MACH (4) = 1.110 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.1130	.0784	.0725	.0663	.0517	.0082	-.0250
5.8500	.1374						-.0179
10.4600	.1134						-.0197
15.0500	.0647						-.0199
19.6500	.0407	.0720	.0678	.0710	.0508	.0176	-.0379

WA (1) = .058 MACH (5) = 1.129 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0865	.0602	.0468	.0438	.0353	.0040	-.0195
5.8500	.1088						-.0187
10.4600	.0867						-.0217
15.0500	.0415						-.0183
19.6500	.0214	.0484	.0453	.0482	.0360	.0160	-.0310

WA (1) = .054 MACH (6) = 1.184 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0461	.0361	.0340	.0338	.0263	.0014	-.0228
5.8500	.0762						-.0188
10.4600	.0495						-.0198
15.0500	.0001						-.0175
19.6500	-.0098	.0275	.0314	.0389	.0277	.0138	-.0295

WA (1) = .050 MACH (7) = 1.244 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0547	.0440	.0347	.0321	.0302	.0098	-.0119
5.8500	.0803						-.0028
10.4600	.0481						-.0062
15.0500	-.0030						.0009
19.6500	-.0061	.0282	.0295	.0367	.0273	.0267	-.0105

HRSI - DESIGN ULTIMATE (RACS06)

WA (1) = .049 MACH (8) = 1.282 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0568	.0495	.0374	.0329	.0257	.0093	-.0121
5.8500	.0841						-.0041
10.4600	.0525						-.0163
15.0500	-.0052						-.0037
19.6500	-.0011	.0320	.0311	.0363	.0225	.0205	-.0188

WA (1) = .047 MACH (9) = 1.316 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0411	.0409	.0294	.0256	.0171	.0031	-.0105
5.8500	.0688						-.0002
10.4600	.0358						-.0137
15.0500	-.0174						-.0039
19.6500	-.0072	.0218	.0247	.0291	.0157	.0180	-.0178

WA (1) = .045 MACH (10) = 1.365 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0403	.0450	.0355	.0326	.0160	.0112	.0021
5.8500	.0682						.0123
10.4600	.0369						-.0021
15.0500	-.0143						.0121
19.6500	-.0016	.0267	.0296	.0366	.0237	.0261	-.0040

WA (1) = .045 MACH (11) = 1.395 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0284	.0378	.0299	.0275	.0205	.0097	-.0008
5.8500	.0563						.0100
10.4600	.0223						-.0032
15.0500	-.0244						.0094
19.6500	-.0075	.0193	.0249	.0315	.0185	.0238	-.0042

HRSI - DESIGN LIMIT (RACS07) (12 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .900 TIME (1) = 550.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0120	.0056	.0100	.0008	-.0114	-.0282	-.0145
5.8500	.0382						-.0219
10.4600	.0247						-.0264
15.0500	-.0095						-.0251
19.6500	-.0276	-.0006	.0081	.0053	-.0104	-.0301	-.0340

MACH (1) = .902 TIME (2) = 551.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0145	.0094	.0128	.0039	-.0086	-.0311	-.0174
5.8500	.0369						-.0187
10.4600	.0225						-.0275
15.0500	-.0104						-.0286
19.6500	-.0250	.0016	.0103	.0078	-.0081	-.0287	-.0349

MACH (1) = .902 TIME (3) = 552.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0139	.0088	.0123	.0027	-.0078	-.0272	-.0141
5.8500	.0357						-.0190
10.4600	.0223						-.0302
15.0500	-.0110						-.0269
19.6500	-.0266	.0013	.0101	.0082	-.0080	-.0277	-.0352

HRSI - DESIGN LIMIT (RACS07)

MACH (1) = .903 TIME (4) = 553.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0114	.0063	.0098	.0007	-.0100	-.0285	-.0147
5.8500	.0357						-.0212
10.4600	.0217						-.0295
15.0500	-.0109						-.0285
19.6500	-.0253	.0020	.0110	.0086	-.0079	-.0280	-.0355

MACH (1) = .899 TIME (5) = 554.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0164	.0116	.0150	.0060	-.0058	-.0309	-.0178
5.8500	.0126						-.0162
10.4600	.0250						-.0258
15.0500	-.0083						-.0249
19.6500	-.0245	.0031	.0122	.0100	-.0064	-.0263	-.0334

MACH (2) = 1.103 TIME (1) = 611.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0390	.0253	.0244	.0207	.0122	-.0148	-.0175
5.8500	.0582						-.0165
10.4600	.0384						-.0275
15.0500	-.0061						-.0256
19.6500	-.0218	.0110	.0183	.0246	.0110	-.0100	-.0343

MACH (2) = 1.101 TIME (2) = 612.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0375	.0240	.0230	.0191	.0106	-.0164	-.0188
5.8500	.0588						-.0169
10.4600	.0381						-.0225
15.0500	-.0036						-.0213
19.6500	-.0231	.0106	.0167	.0239	.0105	-.0094	-.0287

HRSI - DESIGN LIMIT (RACS07)

MACH (2) = 1.103 TIME (3) = 613.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0386	.0243	.0226	.0184	.0098	-.0160	-.0181
5.8500	.0569						-.0182
10.4600	.0374						-.0283
15.0500	-.0062						-.0235
19.6500	-.0238	.0112	.0168	.0232	.0103	-.0101	-.0327

MACH (2) = 1.101 TIME (4) = 614.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0347	.0226	.0217	.0178	.0101	-.0147	-.0171
5.8500	.0564						-.0189
10.4600	.0354						-.0304
15.0500	-.0096						-.0297
19.6500	-.0236	.0095	.0162	.0220	.0089	-.0119	-.0376

MACH (2) = 1.103 TIME (5) = 615.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0377	.0243	.0228	.0184	.0103	-.0152	-.0173
5.8500	.0574						-.0208
10.4600	.0371						-.0311
15.0500	-.0060						-.0274
19.6500	-.0208	.0117	.0184	.0245	.0108	-.0101	-.0359

MACH (3) = 1.251 TIME (1) = 624.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0281	.0223	.0108	.0109	.0008	-.0104	-.0283
5.8500	.0531						-.0240
10.4600	.0236						-.0319
15.0500	-.0331						-.0207
19.6500	-.0256	.0048	.0064	.0123	.0021	-.0040	-.0320

HRSI - DESIGN LIMIT (RACS07)

MACH (3) = 1.250 TIME (2) = 626.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0278	.0215	.0108	.0098	.0005	-.0099	-.0268
5.8500	.0520						-.0246
10.4600	.0236						-.0326
15.0500	-.0289						-.0245
19.6500	-.0248	.0048	.0056	.0113	.0018	-.0034	-.0328

MACH (3) = 1.251 TIME (3) = 627.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0283	.0226	.0110	.0106	.0005	-.0105	-.0279
5.8500	.0527						-.0230
10.4600	.0239						-.0308
15.0500	-.0302						-.0210
19.6500	-.0251	.0055	.0069	.0131	.0028	-.0027	-.0321

MACH (3) = 1.250 TIME (4) = 628.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0277	.0212	.0096	.0090	-.0006	-.0105	-.0284
5.8500	.0521						-.0241
10.4600	.0238						-.0332
15.0500	-.0329						-.0232
19.6500	-.0263	.0049	.0050	.0115	.0017	-.0025	-.0338

MACH (3) = 1.250 TIME (5) = 630.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0271	.0221	.0100	.0096	-.0006	-.0105	-.0269
5.8500	.0513						-.0241
10.4600	.0216						-.0327
15.0500	-.0295						-.0248
19.6500	-.0274	.0039	.0050	.0110	.0005	-.0032	-.0335

HRSI - DESIGN LIMIT (RACS07)

MACH (4) = 1.400 TIME (1) = 638.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0189	.0310	.0223	.0257	.0076	.0043	-.0080
5.8500	.0441						.0012
10.4600	.0148						- 0095
15.0500	-.0315						.0048
19.6500	-.0137	.0112	.0172	.0256	.0135	.0138	-.0098

MACH (4) = 1.400 TIME (2) = 639.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0203	.0308	.0224	.0245	.0092	.0043	-.0074
5.8500	.0437						.0020
10.4600	.0152						-.0105
15.0500	-.0336						.0043
19.6500	-.0127	.0115	.0173	.0254	.0141	.0144	-.0101

MACH (4) = 1.399 TIME (3) = 640.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0195	.0303	.0216	.0240	.0086	.0042	-.0073
5.8500	.0433						-.0005
10.4600	.0139						-.0106
15.0500	-.0338						.0047
19.6500	-.0141	.0106	.0170	.0247	.0139	.0130	-.0099

MACH (4) = 1.400 TIME (4) = 641.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0188	.0307	.0220	.0245	.0069	.0040	-.0077
5.8500	.0432						.0027
10.4600	.0150						-.0117
15.0500	-.0328						.0056
19.6500	-.0138	.0110	.0176	.0256	.0135	.0139	-.0109

HRSI - DESIGN LIMIT (RACS07)

MACH (4) = 1.400 TIME (5) = 642.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	5.3100	10.9980	16.6860	22.3740	28.0620	33.7500	39.4400
Z							
1.2500	.0193	.0307	.0217	.0250	.0078	.0039	-.0081
5.8500	.0434						.0010
10.4600	.0132						-.0111
15.0500	-.0345						.0036
19.6500	-.0135	.0112	.0173	.0253	.0140	.0144	-.0111

HRSI - STS-1 LIMIT (RACE04) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .033 MACH (1) = .897 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	-.0103	-.0094	-.0282	.0519	.3511	.4317	.0105	-.0102	-.0094

WA (1) = .031 MACH (2) = .923 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	-.0102	-.0077	-.0255	.0499	.3772	.4043	.0122	-.0107	-.0098

WA (1) = .031 MACH (3) = .962 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	-.0073	-.0083	-.0271	.0411	.3542	.4226	.0125	-.0083	-.0072

WA (1) = .029 MACH (4) = 1.057 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	-.0010	.0001	-.0172	.0594	.3713	.4124	.0179	.0004	.0011

HRSI - STS-1 LIMIT (RACE04)

WA (1) = .027 MACH (5) = 1.101 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0016	.0032	-.0122	.0610	.3532	.3711	.0225	.0022	.0030

WA (1) = .026 MACH (6) = 1.141 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0074	.0097	-.0058	.0655	.3505	.4043	.0306	.0081	.0097

WA (1) = .024 MACH (7) = 1.191 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0272	.0285	.0126	.0888	.3490	.4196	.0495	.0266	.0293

WA (1) = .022 MACH (8) = 1.232 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0129	.0133	-.0019	.0729	.3295	.3962	.0392	.0108	.0143

WA (1) = .020 MACH (9) = 1.284 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0172	.0136	-.0038	.0823	.2822	.3803	.0499	.0136	.0181

HRSI - STS-1 LIMIT (RACE04)

WA (1) = .018 MACH (10) = 1.325 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	.0244	.0211	.0048	.0932	.2775	.3531	.0598	.0190	.0253

WA (1) = .017 MACH (11) = 1.369 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	.0248	.0197	.0053	.0868	.2464	.3197	.0629	.0173	.0249

WA (1) = .016 MACH (12) = 1.401 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	.0157	.0081	-.0056	.0786	.2287	.3248	.0515	.0072	.0158

HRSI - STS-1 ULTIMATE (RACE05) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .051 MACH (1) = .901 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	-.0079	-.0083	-.0242	.0459	.3383	.4217	.0114	-.0081	-.0079

WA (1) = .046 MACH (2) = 1.032 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	-.0021	.0001	-.0164	.0549	.3824	.4160	.0125	-.0008	-.0014

WA (1) = .043 MACH (3) = 1.083 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	.0038	.0042	-.0116	.0598	.3517	.4184	.0228	.0048	.0046

WA (1) = .041 MACH (4) = 1.105 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	.0080	.0081	-.0056	.0597	.3303	.4031	.0249	.0086	.0092

HRSI - STS-1 ULTIMATE (RACE05)

WA (1) = .038 MACH (5) = 1.150 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	.0051	.0074	-.0063	.0582	.3292	.4027	.0277	.0058	.0075

WA (1) = .035 MACH (6) = 1.190 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	.0177	.0179	.0037	.0782	.3414	.3923	.0402	.0171	.0195

WA (1) = .033 MACH (7) = 1.230 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	-.0078	-.0085	-.0250	.0521	.2927	.3593	.0174	-.0096	-.0062

WA (1) = .030 MACH (8) = 1.279 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	.0057	.0032	-.0126	.0682	.2767	.3296	.0365	.0012	.0062

WA (1) = .029 MACH (9) = 1.329 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	.0147	.0110	-.0056	.0796	.2436	.3228	.0429	.0084	.0151

HRSI - STS-1 ULTIMATE (RACE05)

WA (1) = .027 MACH (10) = 1.373 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	.0214	.0165	-.0001	.0860	.2428	.3121	.0537	.0144	.0221

WA (1) = .027 MACH (11) = 1.408 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	.0198	.0136	-.0006	.0863	.2455	.3123	.0538	.0119	.0206

HRSI - DESIGN ULTIMATE (RACE06) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .071 MACH (1) = .908 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	-.0114	-.0072	-.0249	.0536	.3827	.4044	.0033	-.0126	-.0114

WA (1) = .066 MACH (2) = 1.020 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	-.0036	.0023	-.0123	.0563	.3914	.4253	.0070	-.0026	-.0028

WA (1) = .059 MACH (3) = 1.099 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0034	.0030	-.0098	.0567	.3629	.3155	-.0175	.0030	.0050

WA (1) = .059 MACH (4) = 1.110 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0578	.0602	.0439	.1274	.4661	.4944	.0760	.0592	.0599

HRSI - DESIGN ULTIMATE (RACE06)

WA (1) = .058 MACH (5) = 1.129 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0341	.0359	.0208	.0964	.3684	.4337	.0528	.0353	.0366

WA (1) = .054 MACH (6) = 1.184 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0196	.0220	.0074	.0856	.3625	.3993	.0385	.0196	.0215

WA (1) = .050 MACH (7) = 1.244 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0230	.0223	.0059	.0796	.3256	.3922	.0422	.0208	.0242

WA (1) = .049 MACH (8) = 1.282 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0260	.0259	.0092	.0897	.2997	.3578	.0495	.0229	.0273

WA (1) = .047 MACH (9) = 1.316 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0213	.0186	-.0005	.0867	.2623	.3196	.0418	.0160	.0215

HRSI - DESIGN ULTIMATE (RACE06)

WA (1) = .045 MACH (10) = 1.365 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0282	.0254	.0076	.0932	.2476	.3039	.0494	.0227	.0286

WA (1) = .045 MACH (11) = 1.395 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0251	.0214	.0040	.0883	.2519	.3115	.0443	.0185	.0252

HRSI - DESIGN LIMIT (RACE07) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .900 TIME (1) = 550.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	-.0101	-.0104	-.0248	.0538	.3402	.4150	.0114	-.0125	-.0106

MACH (1) = .902 TIME (2) = 551.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	-.0085	-.0106	-.0261	.0572	.3751	.4111	.0107	-.0115	-.0090

MACH (1) = .902 TIME (3) = 552.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	-.0110	-.0077	-.0234	.0544	.3651	.4174	.0085	-.0127	-.0111

MACH (1) = .903 TIME (4) = 553.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	-.0088	-.0092	-.0244	.0560	.3443	.4098	.0146	-.0123	-.0089

HRSI - DESIGN LIMIT (RACE07)

MACH (1) = .899 TIME (5) = 554.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	-.0131	-.0110	-.0261	.0538	.3682	.3980	.0094	-.0153	-.0135

MACH (2) = 1.103 TIME (1) = 611.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0070	.0074	-.0059	.0589	.3383	.4038	.0277	.0080	.0086

MACH (2) = 1.101 TIME (2) = 612.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0062	.0064	-.0086	.0623	.3482	.4066	.0236	.0064	.0073

MACH (2) = 1.103 TIME (3) = 613.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0058	.0074	-.0076	.0594	.3625	.3875	.0245	.0071	.0071

MACH (2) = 1.101 TIME (4) = 614.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0065	.0064	-.0077	.0624	.3423	.3847	.0250	.0072	.0079

HRSI - DESIGN LIMIT (RACE07)

MACH (2) = 1.103 TIME (5) = 615.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	.0065	.0073	-.0060	.0587	.3506	.4041	.0256	.0068	.0079

MACH (3) = 1.251 TIME (1) = 624.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	-.0019	-.0005	-.0194	.0596	.2876	.3381	.0303	-.0021	-.0003

MACH (3) = 1.250 TIME (2) = 626.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	-.0011	.0000	-.0189	.0609	.2901	.3597	.0233	-.0008	.0005

MACH (3) = 1.251 TIME (3) = 627.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	-.0014	-.0003	-.0192	.0572	.2858	.3582	.0259	-.0008	.0002

MACH (3) = 1.250 TIME (4) = 628.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE 1.00000	-.0009	-.0001	-.0176	.0584	.2921	.3649	.0259	-.0004	.0007

HRSI - DESIGN LIMIT (RACE07)

MACH (3) = 1.250 TIME (5) = 630.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	-.0017	.0003	-.0182	.0618	.2965	.3495	.0263	-.0010	.0002

MACH (4) = 1.400 TIME (1) = 638.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	.0152	.0143	-.0056	.0771	.2239	.3060	.0459	.0128	.0151

MACH (4) = 1.400 TIME (2) = 639.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	.0137	.0144	-.0056	.0786	.2206	.3011	.0466	.0116	.0136

MACH (4) = 1.399 TIME (3) = 640.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	.0139	.0141	-.0057	.0816	.2356	.3277	.0461	.0116	.0146

MACH (4) = 1.400 TIME (4) = 641.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	.0145	.0137	-.0062	.0793	.2307	.3041	.0487	.0122	.0147

HRSI - DESIGN LIMIT (RACE07)

MACH (4) = 1.400 TIME (5) = 642.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	17.300	28.700	157.000	162.700	180.000	203.000	313.300	342.700
EDGE									
1.00000	.0139	.0132	-.0063	.0766	.2139	.3040	.0474	.0114	.0141

HRSI - STS-1 LIMIT (RACG04) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .033 MACH (1) = .897 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0029		
10.4600	.0935	.0119			-.0490	-.0190
16.9600			-.0333			

WA (1) = .031 MACH (2) = .923 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0013		
10.4600	.0933	.0094			-.0538	-.0214
16.9600			-.0310			

WA (1) = .031 MACH (3) = .962 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0024		
10.4600	.1015	.0117			-.0677	-.0287
16.9600			-.0321			

WA (1) = .029 MACH (4) = 1.057 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0227		
10.4600	.1309	.0290			-.0776	-.0410
16.9600			-.0353			

HRSI - STS-1 LIMIT (RACG04)

WA (1) = .027 MACH (5) = 1.101 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0242			
10.4600	.1174	.0284			-.0607	-.0256
16.9600			-.0258			

WA (1) = .026 MACH (6) = 1.141 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0329			
10.4600	.1229	.0329			-.0590	-.0241
16.9600			-.0294			

WA (1) = .024 MACH (7) = 1.191 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0496			
10.4600	.1438	.0541			-.0534	-.0184
16.9600			-.0097			

WA (1) = .022 MACH (8) = 1.232 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.0456			
10.4600	.1279	.0368			-.0454	-.0150
16.9600			-.0268			

HRSI - STS-1 LIMIT (RAC004)

WA (1) = .020 MACH (9) = 1.284 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0510		
10.4600	.1444	.0476			-.0508	-.0229
16.9600			-.0250			

WA (1) = .018 MACH (10) = 1.325 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0589		
10.4600	.1430	.0521			-.0392	-.0120
16.9600			-.0175			

WA (1) = .017 MACH (11) = 1.369 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0642		
10.4600	.1444	.0518			-.0293	.0010
16.9600			-.0185			

WA (1) = .016 MACH (12) = 1.401 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0584		
10.4600	.1309	.0422			-.0333	-.0020
16.9600			-.0282			

HRSI - STS-1 ULTIMATE (RACG05) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .051 MACH (1) = .901 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0165		
10.4600	.1149	.0149			-.0482	-.0194
16.9600			-.0274			

WA (1) = .046 MACH (2) = 1.032 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0314		
10.4600	.1301	.0221			-.0638	-.0353
16.9600			-.0293			

WA (1) = .043 MACH (3) = 1.083 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0434		
10.4600	.1228	.0247			-.0451	-.0240
16.9600			-.0275			

WA (1) = .041 MACH (4) = 1.105 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0470		
10.4600	.1303	.0353			-.0487	-.0218
16.9600			-.0166			

HRSI - STS-1 ULTIMATE (RACG05)

WA (1) = .038 MACH (5) = 1.150 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0460		
10.4600	.1339	.0338			-.0531	-.0226
16.9600			-.0269			

WA (1) = .035 MACH (6) = 1.190 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0570		
10.4600	.1424	.0433			-.0428	-.0143
16.9600			-.0155			

WA (1) = .033 MACH (7) = 1.230 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0419		
10.4600	.1249	.0201			-.0530	-.0270
16.9600			-.0480			

WA (1) = .030 MACH (8) = 1.279 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0568		
10.4600	.1387	.0360			-.0473	-.0253
16.9600			-.0344			

HRSI - STS-1 ULTIMATE (RACG05)

WA (1) = .029 MACH (9) = 1.329 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0673		
10.4600	.1460	.0413			-.0360	-.0118
16.9600			-.0269			

WA (1) = .027 MACH (10) = 1.373 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0780		
10.4600	.1516	.0490			-.0246	.0001
16.9600			-.0193			

WA (1) = .027 MACH (11) = 1.408 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0761		
10.4600	.1444	.0447			-.0284	-.0004
16.9600			-.0223			

HRSI - DESIGN ULTIMATE (RACG06) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .071 MACH (1) = .908 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0372		
10.4600	.1234	.0158			-.0372	-.0255
16.9600			-.0253			

WA (1) = .066 MACH (2) = 1.020 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0480		
10.4600	.1350	.0186			-.0565	-.0467
16.9600			-.0274			

WA (1) = .059 MACH (3) = 1.099 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.1227		
10.4600	.1359	.0298			.0571	.0822
16.9600			-.0189			

WA (1) = .059 MACH (4) = 1.110 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.1197		
10.4600	.2265	.0978			-.0116	-.0159
16.9600			.0266			

HRSI - DESIGN ULTIMATE (RACG06)

WA (1) = .058 MACH (5) = 1.129 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0899		
10.4600	.1712	.0658			-.0111	-.0207
16.9600			.0106			

WA (1) = .054 MACH (6) = 1.184 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0849		
10.4600	.1508	.0450			-.0101	-.0196
16.9600			-.0137			

WA (1) = .050 MACH (7) = 1.244 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.1024		
10.4600	.1644	.0527			-.0050	-.0144
16.9600			-.0155			

WA (1) = .049 MACH (8) = 1.282 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.1038		
10.4600	.1724	.0572			.0131	-.0139
16.9600			-.0109			

HRSI - DESIGN ULTIMATE (RACG06)

WA (1) = .047 MACH (9) = 1.316 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1107			
10.4600	.1599	.0492			.0251	-.0099
16.9600			-.0176			

WA (1) = .045 MACH (10) = 1.365 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1249			
10.4600	.1618	.0554			.0379	.0016
16.9600			-.0105			

WA (1) = .045 MACH (11) = 1.395 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800			.1223			
10.4600	.1612	.0513			.0385	.0019
16.9600			-.0138			

HRSI - DESIGN LIMIT (RACG07) (12 APR 82)

REFERENCE DATA

PARAMETRIC DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

WA = .000

MACH (1) = .900 TIME (1) = 550.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0155		
10.4600	.1086	.0113			-.0524	-.0259
16.9600			-.0318			

MACH (1) = .902 TIME (2) = 551.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0161		
10.4600	.1128	.0128			-.0519	-.0253
16.9600			-.0304			

MACH (1) = .902 TIME (3) = 552.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0158		
10.4600	.1011	.0095			-.0490	-.0249
16.9600			-.0342			

MACH (1) = .903 TIME (4) = 553.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0181		
10.4600	.1106	.0142			-.0467	-.0226
16.9600			-.0285			

HRSI - DESIGN LIMIT (RACG07)

MACH (1) = .899 TIME (5) = 554.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0116		
10.4600	.1013	.0075			-.0505	-.0276
16.9600			-.0347			

MACH (2) = 1.103 TIME (1) = 611.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0429		
10.4600	.1270	.0323			-.0499	-.0236
16.9600			-.0212			

MACH (2) = 1.101 TIME (2) = 612.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0400		
10.4600	.1263	.0310			-.0515	-.0249
16.9600			-.0211			

MACH (2) = 1.103 TIME (3) = 613.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0409		
10.4600	.1255	.0317			-.0513	-.0259
16.9600			-.0205			

HRSI - DESIGN LIMIT (RACG07)

MACH (2) = 1.101 TIME (4) = 614.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0442		
10.4600	.1297	.0324			-.0450	-.0188
16.9600			-.0206			

MACH (2) = 1.103 TIME (5) = 615.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0397		
10.4600	.1267	.0319			-.0494	-.0234
16.9600			-.0191			

MACH (3) = 1.251 TIME (1) = 624.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0456		
10.4600	.1308	.0284			-.0526	-.0358
16.9600			-.0400			

MACH (3) = 1.250 TIME (2) = 626.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0461		
10.4600	.1319	.0284			-.0500	-.0334
16.9600			-.0403			

HRSI - DESIGN LIMIT (RACG07)

MACH (3) = 1.251 TIME (3) = 627.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0477		
10.4600	.1275	.0288			-.0498	-.0337
16.9600			-.0393			

MACH (3) = 1.250 TIME (4) = 628.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0457		
10.4600	.1293	.0288			-.0516	-.0356
16.9600			-.0388			

MACH (3) = 1.250 TIME (5) = 630.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0454		
10.4600	.1308	.0284			-.0506	-.0341
16.9600			-.0399			

MACH (4) = 1.400 TIME (1) = 638.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0681		
10.4600	.1331	.0394			-.0231	-.0098
16.9600			-.0259			

HRSI - DESIGN LIMIT (RACG07)

MACH (4) = 1.400 TIME (2) = 639.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0667		
10.4600	.1381	.0406			-.0277	-.0119
16.9600			-.0252			

MACH (4) = 1.399 TIME (3) = 640.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0676		
10.4600	.1364	.0394			-.0274	-.0115
16.9600			-.0275			

MACH (4) = 1.400 TIME (4) = 641.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0673		
10.4600	.1378	.0403			-.0275	-.0130
16.9600			-.0259			

MACH (4) = 1.400 TIME (5) = 642.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI GAP PRESSURES DEPENDENT VARIABLE CP

X	6.9800	8.9800	15.0000	31.0000	36.0200	38.9800
Z						
3.5800				.0679		
10.4600	.1349	.0393			-.0254	-.0121
16.9600			-.0274			

HRSI - STS-1 LIMIT (RACU04) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .033 MACH (1) = .897 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0021	
5.7300	.0466		
14.6300			.0586
15.0300	.0134		

WA (1) = .031 MACH (2) = .923 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0004	
5.7300	.0447		
14.6300			.0544
15.0300	.0122		

WA (1) = .031 MACH (3) = .962 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0036	
5.7300	.0452		
14.6300			.0467
15.0300	.0108		

HRSI - STS-1 LIMIT (RACU04)

WA (1) = .029 MACH (4) = 1.057 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0003	
5.7300	.0640		
14.6300			.0525
15.0300	.0250		

WA (1) = .027 MACH (5) = 1.101 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0023	
5.7300	.0627		
14.6300			.0617
15.0300	.0250		

WA (1) = .026 MACH (6) = 1.141 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0023	
5.7300	.0655		
14.6300			.0619
15.0300	.0267		

WA (1) = .024 MACH (7) = 1.191 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0006	
5.7300	.0833		
14.6300			.0736
15.0300	.0450		

HRSI - STS-1 LIMIT (RACU04)

WA (1) = .022 MACH (8) = 1.232 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0008	
5.7300	.0674		
14.6300			.0720
15.0300	.0288		

WA (1) = .020 MACH (9) = 1.284 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0032	
5.7300	.0784		
14.6300			.0674
15.0300	.0364		

WA (1) = .018 MACH (10) = 1.325 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0028	
5.7300	.0826		
14.6300			.0745
15.0300	.0425		

WA (1) = .017 MACH (11) = 1.369 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0001	
5.7300	.0808		
14.6300			.0751
15.0300	.0417		

HRSI - STS-1 LIMIT (RACU04)

WA (1) = .016 MACH (12) = 1.401 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0067	
5.7300	.0713		
14.6300			.0713
15.0300	.0341		

HRSI - STS-1 ULTIMATE (RACU05) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .051 MACH (1) = .901 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0005	
5.7300	.0542		
14.6300			.0626
15.0300	.0160		

WA (1) = .046 MACH (2) = 1.032 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0027	
5.7300	.0638		
14.6300			.0515
15.0300	.0194		

WA (1) = .043 MACH (3) = 1.083 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0010	
5.7300	.0648		
14.6300			.0670
15.0300	.0229		

HRSI - STS-1 ULTIMATE (RACU05)

WA (1) = .041 MACH (4) = 1.105 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0071	
5.7300	.0739		
14.6300			.0669
15.0300	.0333		

WA (1) = .038 MACH (5) = 1.150 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0044	
5.7300	.0691		
14.6300			.0646
15.0300	.0288		

WA (1) = .035 MACH (6) = 1.190 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0027	
5.7300	.0811		
14.6300			.0778
15.0300	.0384		

WA (1) = .033 MACH (7) = 1.230 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0009	
5.7300	.0601		
14.6300			.0577
15.0300	.0138		

HRSI - STS-1 ULTIMATE (RACU05)

WA (1) = .030 MACH (8) = 1.279 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0028	
5.7300	.0727		
14.6300			.0643
15.0300	.0283		

WA (1) = .029 MACH (9) = 1.329 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0009	
5.7300	.0790		
14.6300			.0683
15.0300	.0343		

WA (1) = .027 MACH (10) = 1.373 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0009	
5.7300	.0891		
14.6300			.0741
15.0300	.0426		

WA (1) = .027 MACH (11) = 1.408 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0004	
5.7300	.0853		
14.6300			.0744
15.0300	.0391		

HRSI - DESIGN ULTIMATE (RACU06) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .071 MACH (1) = .908 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0003	
5.7300	.0590		
14.6300			.0599
15.0300	.0168		

WA (1) = .066 MACH (2) = 1.020 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0065	
5.7300	.0672		
14.6300			.0573
15.0300	.0214		

WA (1) = .059 MACH (3) = 1.099 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0062	
5.7300	.0742		
14.6300			.0847
15.0300	.0299		

HRSI - DESIGN ULTIMATE (RACU06)

WA (1) = .059 MACH (4) = 1.110 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0048	
5.7300	.1483		
14.6300			.1006
15.0300	.0966		

WA (1) = .058 MACH (5) = 1.129 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0044	
5.7300	.1106		
14.6300			.0874
15.0300	.0623		

WA (1) = .054 MACH (6) = 1.184 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0035	
5.7300	.0884		
14.6300			.0830
15.0300	.0432		

WA (1) = .050 MACH (7) = 1.244 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0015	
5.7300	.1023		
14.6300			.0867
15.0300	.0487		

HRSI - DESIGN ULTIMATE (RACU06)

WA (1) = .049 MACH (8) = 1.282 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0006	
5.7300	.1050		
14.6300			.0864
15.0300	.0532		

WA (1) = .047 MACH (9) = 1.316 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0011	
5.7300	.0963		
14.6300			.0842
15.0300	.0451		

WA (1) = .045 MACH (10) = 1.365 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0001	
5.7300	.1053		
14.6300			.0898
15.0300	.0527		

WA (1) = .045 MACH (11) = 1.395 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0035	
5.7300	.0992		
14.6300			.0923
15.0300	.0493		

HRSI - DESIGN LIMIT (RACU07) (12 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .900 TIME (1) = 550.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0003	
5.7300	.0511		
14.6300			.0620
15.0300	.0144		

MACH (1) = .902 TIME (2) = 551.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0015	
5.7300	.0541		
14.6300			.0656
15.0300	.0162		

MACH (1) = .902 TIME (3) = 552.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0022	
5.7300	.0493		
14.6300			.0625
15.0300	.0121		

HRSI - DESIGN LIMIT (RACU07)

MACH (1) = .903 TIME (4) = 553.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0004	
5.7300	.0515		
14.6300			.0645
15.0300	.0144		

MACH (1) = .899 TIME (5) = 554.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0010	
5.7300	.0499		
14.6300			.0607
15.0300	.0124		

MACH (2) = 1.103 TIME (1) = 611.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0011	
5.7300	.0680		
14.6300			.0625
15.0300	.0273		

MACH (2) = 1.101 TIME (2) = 612.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0037	
5.7300	.0678		
14.6300			.0658
15.0300	.0277		

HRSI - DESIGN LIMIT (RACU07)

MACH (2) = 1.103 TIME (3) = 613.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0024	
5.7300	.0700		
14.6300			.0670
15.0300	.0286		

MACH (2) = 1.101 TIME (4) = 614.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0037	
5.7300	.0706		
14.6300			.0706
15.0300	.0286		

MACH (2) = 1.103 TIME (5) = 615.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0042	
5.7300	.0727		
14.6300			.0645
15.0300	.0286		

MACH (3) = 1.251 TIME (1) = 624.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0024	
5.7300	.0697		
14.6300			.0575
15.0300	.0214		

HRSI - DESIGN LIMIT (RACU07)

MACH (3) = 1.250 TIME (2) = 626.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0024	
5.7300	.0707		
14.6300			.0609
15.0300	.0216		

MACH (3) = 1.251 TIME (3) = 627.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0026	
5.7300	.0699		
14.6300			.0611
15.0300	.0221		

MACH (3) = 1.250 TIME (4) = 628.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0036	
5.7300	.0714		
14.6300			.0605
15.0300	.0221		

MACH (3) = 1.250 TIME (5) = 630.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		.0031	
5.7300	.0701		
14.6300			.0616
15.0300	.0216		

HRSI - DESIGN LIMIT (RACU07)

MACH (4) = 1.400 TIME (1) = 638.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0010	
5.7300	.0800		
14.6300			.0689
15.0300	.0332		

MACH (4) = 1.400 TIME (2) = 639.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0007	
5.7300	.0823		
14.6300			.0681
15.0300	.0333		

MACH (4) = 1.399 TIME (3) = 640.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0029	
5.7300	.0805		
14.6300			.0682
15.0300	.0323		

MACH (4) = 1.400 TIME (4) = 641.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0015	
5.7300	.0831		
14.6300			.0680
15.0300	.0327		

HRSI - DESIGN LIMIT (RACU07)

MACH (4) = 1.400 TIME (5) = 642.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)HRSI SUB SURFACE DEPENDENT VARIABLE CP

X	10.3400	19.0000	35.3400
Z			
4.5700		-.0006	
5.7300	.0807		
14.6300			.0686
15.0300	.0326		

HRSI - STS-1 LIMIT (RACP04) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .033 MACH (1) = .897 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.5400	6.5200	6.4800	6.4800	6.6470	6.5860	6.5730	6.6360	6.5680	6.5250	6.6890	6.6910

WA (1) = .031 MACH (2) = .923 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.4200	6.4000	6.3600	6.3600	6.5310	6.4850	6.4740	6.5490	6.4710	6.4310	6.5920	6.6020

WA (1) = .031 MACH (3) = .962 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.1500	6.1300	6.0900	6.0900	6.2150	6.1380	6.1390	6.1960	6.1270	6.0860	6.2440	6.2530

WA (1) = .029 MACH (4) = 1.057 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.6000	5.5800	5.5500	5.5400	5.6370	5.5460	5.5360	5.5970	5.5310	5.4930	5.6410	5.6450

HRSI - STS-1 LIMIT (RACP04)

WA (1) = .021 MACH (5) = 1.101 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.1700	5.1700	5.1200	5.1300	5.3120	5.2310	5.2290	5.2890	5.2180	5.1880	5.3200	5.3260

WA (1) = .026 MACH (6) = 1.141 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.1600	5.1400	5.1000	5.1000	5.1200	5.0300	5.0120	5.0800	4.9910	4.9540	5.0610	5.0510

WA (1) = .024 MACH (7) = 1.191 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.8600	4.8400	4.8100	4.8000	4.8750	4.7980	4.7920	4.8470	4.7830	4.7510	4.8450	4.8350

WA (1) = .022 MACH (8) = 1.232 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.6200	4.5900	4.5500	4.5500	4.5660	4.4910	4.4800	4.5220	4.4630	4.4350	4.5140	4.4980

WA (1) = .020 MACH (9) = 1.284 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.2500	4.2300	4.1800	4.1800	4.2660	4.2030	4.1950	4.2190	4.1890	4.1640	4.2040	4.2110

HRSI - STS-1 LIMIT (RACP04)

WA (1) = .018 MACH (10) = 1.325 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	4.0900	4.0700	4.0300	4.0300	4.0690	4.0280	4.0200	4.0360	4.0130	3.9910	4.0230	4.0170

WA (1) = .017 MACH (11) = 1.369 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	3.8200	3.8000	3.7600	3.7600	3.7960	3.7820	3.7770	3.7890	3.7700	3.7540	3.7790	3.7770

WA (1) = .016 MACH (12) = 1.401 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	3.5400	3.5200	3.4700	3.4700	3.5700	3.5550	3.5550	3.5720	3.5690	3.5550	3.5910	3.5950

HRSI - STS-1 ULTIMATE (RACP05) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .051 MACH (1) = .901 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	9.2500	9.2200	9.2700	9.2000	9.3860	9.2920	9.2820	9.3780	9.2860	9.2260	9.4380	9.4410

WA (1) = .046 MACH (2) = 1.032 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.4800	8.4500	8.4200	8.4000	8.2140	8.0830	8.0870	8.1840	8.0700	8.0210	8.1860	8.2020

WA (1) = .043 MACH (3) = 1.083 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0800	8.0500	8.0200	7.8400	7.7680	7.6420	7.6260	7.6990	7.6020	7.5450	7.7080	7.6930

WA (1) = .041 MACH (4) = 1.105 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	7.4100	7.4200	7.3900	7.3700	7.5410	7.4250	7.4140	7.5090	7.4170	7.3790	7.5560	7.5680

HRSI - STS-1 ULTIMATE (RACP05)

WA (1) = .038 MACH (5) = 1.150 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	7.3500	7.3300	7.3200	7.2800	7.1610	7.0550	7.0420	7.1190	7.0200	6.9790	7.1190	7.1190

WA (1) = .035 MACH (6) = 1.190 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	6.8800	6.8700	6.8600	6.8200	6.8250	6.7160	6.7120	6.7850	6.7030	6.6650	6.7800	6.7600

WA (1) = .033 MACH (7) = 1.230 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	6.4200	6.4000	6.3800	6.3600	6.3240	6.2330	6.2270	6.2740	6.2050	6.1620	6.2560	6.2490

WA (1) = .030 MACH (8) = 1.279 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	6.0100	5.9800	5.9600	5.9500	5.9820	5.9290	5.9170	5.9630	5.9070	5.8740	5.9200	5.9270

WA (1) = .029 MACH (9) = 1.329 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	5.7000	5.6800	5.6500	5.6400	5.6180	5.5870	5.5810	5.5910	5.5660	5.5400	5.5770	5.5720

HRSI - STS-1 ULTIMATE (RACP05)

WA (1) = .027 MACH (10) = 1.373 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.3700	5.3500	5.3300	5.3100	5.3260	5.3030	5.3020	5.3200	5.3030	5.2830	5.3240	5.3230

WA (1) = .027 MACH (11) = 1.408 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0300	4.9900	4.9800	5.0550	5.0410	5.0410	5.0580	5.0400	5.0100	5.0650	5.0680

HRSI - DESIGN ULTIMATE (RACP06) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .071 MACH (1) = .908 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	11.0800	11.0800	11.1400	11.0400	11.1470	11.0270	10.9980	11.1280	10.9800	10.9260	11.1640	11.1960

WA (1) = .066 MACH (2) = 1.020 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	10.3100	10.3200	10.2600	10.2600	10.0210	9.8520	9.8220	9.9220	9.7590	9.6840	9.9050	9.8650

WA (1) = .059 MACH (3) = 1.099 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.7300	8.8300	8.7200	8.7500	8.9700	8.8470	8.8480	8.9460	8.8410	8.7780	8.9870	8.9860

WA (1) = .059 MACH (4) = 1.110 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	9.4500	9.4800	9.4500	9.4200	9.3920	9.2380	9.2270	9.3440	9.2160	9.1600	9.3930	9.3730

HRSI - DESIGN ULTIMATE (RACP06)

WA (1) = .058 MACH (5) = 1.129 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	9.1800	9.2200	9.1800	9.1600	9.0780	8.9190	8.9030	9.0060	8.8900	8.8250	9.0200	9.0230

WA (1) = .054 MACH (6) = 1.184 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	8.4400	8.4700	8.4100	8.4100	8.3920	8.2620	8.2380	8.3160	8.2040	8.1380	8.2950	8.2690

WA (1) = .050 MACH (7) = 1.244 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	7.8100	7.8300	7.7700	7.7800	7.7910	7.6650	7.6560	7.7310	7.6430	7.5830	7.7090	7.6810

WA (1) = .049 MACH (8) = 1.282 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	7.5500	7.6000	7.5100	7.5300	7.5080	7.4250	7.4130	7.4740	7.3970	7.3570	7.4200	7.4160

WA (1) = .047 MACH (9) = 1.316 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	7.1800	7.2300	7.1500	7.1600	7.1000	7.0690	7.0590	7.0790	7.0440	7.0130	7.0630	7.0460

HRSI - DESIGN ULTIMATE (RACP06)

WA (1) = .045 MACH (10) = 1.365 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.8000	6.8600	6.7700	6.7900	6.7680	6.7400	6.7340	6.7530	6.7230	6.6930	6.7390	6.7270

WA (1) = .045 MACH (11) = 1.395 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.4200	6.5000	6.3900	6.4200	6.4930	6.4710	6.4660	6.4980	6.4690	6.4400	6.4970	6.5010

HRSI - DESIGN LIMIT (RACP07) (12 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .900 TIME (1) = 550.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.1900	8.1600	8.1700	8.1400	8.3030	8.2470	8.2250	8.3170	8.2220	8.1630	8.3620	8.3620

MACH (1) = .902 TIME (2) = 551.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.1900	8.1600	8.1700	8.1300	8.3010	8.2170	8.2170	8.2980	8.2110	8.1510	8.3560	8.3350

MACH (1) = .902 TIME (3) = 552.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.1900	8.1700	8.1800	8.1400	8.2990	8.2240	8.2120	8.3080	8.2030	8.1390	8.3430	8.3590

MACH (1) = .903 TIME (4) = 553.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.2000	8.1700	8.1800	8.1400	8.2940	8.2130	8.1970	8.2960	8.2030	8.1510	8.3440	8.3460

HRSI - DESIGN LIMIT (RACP07)

MACH (1) = .899 TIME (5) = 554.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.2000	8.1700	8.1700	8.1400	8.3290	8.2520	8.2480	8.3120	8.2090	8.1490	8.3570	8.3620

MACH (2) = 1.103 TIME (1) = 611.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.3000	6.3200	6.2700	6.2600	6.4250	6.3310	6.3290	6.4060	6.3230	6.2830	6.4280	6.4280

MACH (2) = 1.101 TIME (2) = 612.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.3000	6.3200	6.2700	6.2600	6.4360	6.3460	6.3440	6.4150	6.3360	6.2910	6.4530	6.4390

MACH (2) = 1.103 TIME (3) = 613.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.2800	6.3000	6.2500	6.2300	6.4250	6.3300	6.3270	6.4060	6.3220	6.2820	6.4330	6.4310

MACH (2) = 1.101 TIME (4) = 614.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.2900	6.3100	6.2600	6.2500	6.4310	6.3280	6.3360	6.4170	6.3380	6.3050	6.4430	6.4590

HRSI - DESIGN LIMIT (RACP07)

MACH (2) = 1.103 TIME (5) = 615.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.2900	6.3100	6.2600	6.2500	6.4270	6.3240	6.3250	6.4080	6.3240	6.2840	6.4440	6.4410

MACH (3) = 1.251 TIME (1) = 624.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0700	5.0700	5.0300	5.0200	5.1850	5.1130	5.1110	5.1550	5.1040	5.0770	5.1760	5.1690

MACH (3) = 1.250 TIME (2) = 626.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0700	5.0700	5.0200	5.0200	5.1760	5.1130	5.1090	5.1630	5.1090	5.0790	5.1590	5.1470

MACH (3) = 1.251 TIME (3) = 627.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0700	5.0700	5.0200	5.0200	5.1820	5.1040	5.1060	5.1540	5.1030	5.0810	5.1560	5.1450

MACH (3) = 1.250 TIME (4) = 628.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0700	5.0700	5.0200	5.0200	5.1680	5.1070	5.1010	5.1600	5.1070	5.0790	5.1710	5.1630

HRSI - DESIGN LIMIT (RACP07)

MACH (3) = 1.250 TIME (5) = 630.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0600	5.0600	5.0100	5.0100	5.1620	5.0920	5.0910	5.1500	5.0940	5.0660	5.1470	5.1400

MACH (4) = 1.400 TIME (1) = 638.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.2300	4.2500	4.1700	4.1900	4.2760	4.2600	4.2600	4.2750	4.2630	4.2440	4.2790	4.2880

MACH (4) = 1.400 TIME (2) = 639.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.2200	4.2500	4.1600	4.1800	4.2760	4.2530	4.2540	4.2620	4.2500	4.2370	4.2840	4.2820

MACH (4) = 1.399 TIME (3) = 640.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.2100	4.2400	4.1600	4.1700	4.2590	4.2440	4.2430	4.2620	4.2470	4.2260	4.2690	4.2680

MACH (4) = 1.400 TIME (4) = 641.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.2000	4.2300	4.1400	4.1700	4.2520	4.2340	4.2350	4.2460	4.2370	4.2160	4.2490	4.2600

HRSI - DESIGN LIMIT (RACP07)

MACH (4) = 1.400 TIME (5) = 642.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1900	4.2200	4.1300	4.1100	4.2400	4.2230	4.2200	4.2310	4.2220	4.2030	4.2440	4.2470

HRSI - STS-1 LIMIT (RACT04) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .033 MACH (1) = .897 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.6600519.9100519.9100517.8700

WA (1) = .031 MACH (2) = .923 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.7100519.0300519.0300517.4500

WA (1) = .031 MACH (3) = .962 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.6200519.3100519.3100517.2400

WA (1) = .029 MACH (4) = 1.057 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.6600519.8400519.8400516.3600

HRSI - STS-1 LIMIT (RACT04)

WA (1) = .027 MACH (5) = 1.101 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.7100518.2900518.2900515.9400

WA (1) = .026 MACH (6) = 1.141 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.4600516.7100516.7100514.0100

WA (1) = .024 MACH (7) = 1.191 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.3900516.8900516.8900513.4500

WA (1) = .022 MACH (8) = 1.232 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.6000518.1200518.1200513.6600

WA (1) = .020 MACH (9) = 1.284 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.6300518.4000518.4000514.6800

HRSI - STS-1 LIMIT (RACT04)

WA (1) = .018 MACH (10) = 1.325 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.6900517.4200517.4200514.1900

WA (1) = .017 MACH (11) = 1.369 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 525.9300515.3800515.3800513.1000

WA (1) = .016 MACH (12) = 1.401 PT = 11.091 RN/L = 3.3974 TTF = 84.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 523.8700513.6600513.6600512.3200

HRSI - STS-1 ULTIMATE (RACT05) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .051 MACH (1) = .901 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 532.6700520.8900520.8900518.2200

WA (1) = .046 MACH (2) = 1.032 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 532.4200519.7300519.7300517.4500

WA (1) = .043 MACH (3) = 1.083 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.4800518.9300518.8600516.6100

WA (1) = .041 MACH (4) = 1.105 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.2300522.7100522.7100519.5600

HRSI - STS-1 ULTIMATE (RACT05)

WA (1) = .038 MACH (5) = 1.150 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.9600518.7100518.7100514.9200

WA (1) = .035 MACH (6) = 1.190 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.1000519.1700519.1400515.0600

WA (1) = .033 MACH (7) = 1.230 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.5200520.4700520.4700516.1200

WA (1) = .030 MACH (8) = 1.279 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.9900520.8500520.8500517.7700

WA (1) = .029 MACH (9) = 1.329 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.8300519.3100519.3100516.5700

HRSI - STS-1 ULTIMATE (RACT05)

WA (1) = .027 MACH (10) = 1.373 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 525.9300516.8500516.8500515.9100

WA (1) = .027 MACH (11) = 1.408 PT = 15.714 RN/L = 4.7893 TTF = 89.060

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 525.0200516.5400516.5400516.6100

HRSI - DESIGN ULTIMATE (RACT06) (23 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .071 MACH (1) = .908 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.2000517.1400517.1400514.3300

WA (1) = .066 MACH (2) = 1.020 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.3800516.6800516.6800514.0400

WA (1) = .059 MACH (3) = 1.099 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 536.8800526.0300526.0300525.5800

WA (1) = .059 MACH (4) = 1.110 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.5500518.0800518.0800513.4100

HRSI - DESIGN ULTIMATE (RACT06)

WA (1) = .058 MACH (5) = 1.129 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.7000520.2600520.2600514.9900

WA (1) = .054 MACH (6) = 1.184 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.4700520.5700520.5700515.5600

WA (1) = .050 MACH (7) = 1.244 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.9900521.9000521.9000516.8200

WA (1) = .049 MACH (8) = 1.282 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.8900522.3600522.3600518.5400

WA (1) = .047 MACH (9) = 1.316 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.0700521.6600521.6600518.2600

HRSI - DESIGN ULTIMATE (RACT06)

WA (1) = .045 MACH (10) = 1.365 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 525.7200519.4900519.5200517.5200

WA (1) = .045 MACH (11) = 1.395 PT = 19.078 RN/L = 5.7431 TTF = 94.404

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 525.3700520.5000520.5000519.5600

HRSI - DESIGN LIMIT (RACT07) (12 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .900 TIME (1) = 550.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.2400518.0100518.0100516.3300

MACH (1) = .902 TIME (2) = 551.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.3800518.5400518.5700516.1500

MACH (1) = .902 TIME (3) = 552.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.4800518.4300518.4300516.5000

MACH (1) = .903 TIME (4) = 553.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.8600519.0300519.0000516.6400

HRSI - DESIGN LIMIT (RACT07)

MACH (1) = .899 TIME (5) = 554.000 RN/L = 4.1016 TTF = 81.468

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.9300519.1400519.1400516.7800

MACH (2) = 1.103 TIME (1) = 611.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 532.8100520.1500520.1500517.1400

MACH (2) = 1.101 TIME (2) = 612.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.1200520.6400520.6400517.3800

MACH (2) = 1.103 TIME (3) = 613.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.3600521.3100521.3100517.1700

MACH (2) = 1.101 TIME (4) = 614.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.5400521.1000521.0600517.4900

HRSI - DESIGN LIMIT (RACT07)

MACH (2) = 1.103 TIME (5) = 615.000 RN/L = 4.1036 TTF = 88.524

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.7800521.2700521.2700518.0500

MACH (3) = 1.251 TIME (1) = 624.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.8300524.4900524.4900521.3100

MACH (3) = 1.250 TIME (2) = 626.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.9700525.0500525.0500521.4800

MACH (3) = 1.251 TIME (3) = 627.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.3800524.6700524.6700521.8300

MACH (3) = 1.250 TIME (4) = 628.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.5600525.3700525.3700521.9000

HRSI - DESIGN LIMIT (RACT07)

MACH (3) = 1.250 TIME (5) = 630.000 RN/L = 4.0082 TTF = 94.250

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.7700525.6100525.6100521.9700

MACH (4) = 1.400 TIME (1) = 638.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 527.0100519.0300519.0300518.9300

MACH (4) = 1.400 TIME (2) = 639.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 527.1900519.3100519.3100519.1700

MACH (4) = 1.399 TIME (3) = 640.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 527.2900519.4500519.4500519.2800

MACH (4) = 1.400 TIME (4) = 641.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 527.2900519.7000519.6600519.5200

HRSI - DESIGN LIMIT (RACT07)

MACH (4) = 1.400 TIME (5) = 642.000 RN/L = 3.9052 TTF = 99.512

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO	721.000	722.000	723.000	724.000
DEG R				
1.00000	527.6400	520.0100	520.0500	519.8000

FRSI - STS-1 LIMIT

(RACS08) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .039 MACH (1) = .938 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0193	.0196	.0238	-.0305	-.0154	.0055
2.8000			-.0166	-.0133		
6.2500	.0487	.0632			.0337	.0410
10.0600	.0299	.0829			.0085	.0175
14.6600	.0502	.0687			.0119	.0305
16.8600			.0073	-.0358		
19.6600	.0364	.0348	.0208	.0136	.0063	.0348

WA (1) = .038 MACH (2) = 1.067 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0260	.0802	.0566	-.0099	-.0445	.0033
2.8000			.0171	.0112		
6.2500	.0956	.1351			.0292	.0470
10.0600	.0754	.1676			-.0053	.0249
14.6600	.0979	.1403			.0009	.0440
16.8600			.0432	-.0082		
19.6600	.0850	.0998	.0580	.0455	.0046	.0517

WA (1) = .035 MACH (3) = 1.142 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0356	.0902	.0796	.0211	-.0165	.0117
2.8000			.0425	.0396		
6.2500	.0946	.1354			.0525	.0554
10.0600	.0767	.1628			.0084	.0279
14.6600	.0925	.1365			.0123	.0426
16.8600			.0618	.0173		
19.6600	.0757	.0974	.0717	.0626	.0088	.0436

FRSI - STS-1 LIMIT (RACS08)

WA (1) = .035 MACH (4) = 1.186 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0297	.0866	.0806	.0214	-.0139	.0103
2.8000			.0435	.0421		
6.2500	.0920	.1417			.0521	.0512
10.0600	.0752	.1709			.0199	.0332
14.6600	.0967	.1461			.0183	.0480
16.8600			.0638	.0230		
19.6600	.0854	.1004	.0724	.0663	.0173	.0496

WA (1) = .033 MACH (5) = 1.231 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0105	.0465	.0649	.0125	-.0182	.0066
2.8000			.0308	.0337		
6.2500	.0461	.1023			.0438	.0448
10.0600	.0280	.1328			.0108	.0265
14.6600	.0511	.1054			.0128	.0433
16.8600			.0487	.0119		
19.6600	.0425	.0625	.0564	.0540	.0092	.0437

WA (1) = .031 MACH (6) = 1.261 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0134	.0375	.0583	.0041	-.0290	-.0039
2.8000			.0217	.0228		
6.2500	.0433	.0938			.0329	.0325
10.0600	.0241	.1266			-.0047	.0111
14.6600	.0454	.0934			-.0081	.0241
16.8600			.0351	.0004		
19.6600	.0363	.0503	.0432	.0391	-.0131	.0226

FRSI - STS-1 LIMIT (RACS08)

WA (1) = .030 MACH (7) = 1.344 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0173	.0629	.0974	.0444	.0034	.0265
2.8000			.0614	.0643		
6.2500	.0736	.1212			.0633	.0579
10.0600	.0550	.1541			.0313	.0391
14.6600	.0761	.1234			.0257	.0544
16.8600			.0735	.0426		
19.6600	.0696	.0794	.0803	.0790	.0225	.0526

WA (1) = .030 MACH (8) = 1.376 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0134	.0556	.0936	.0452	.0048	.0278
2.8000			.0586	.0639		
6.2500	.0697	.1115			.0577	.0581
10.0600	.0510	.1445			.0335	.0408
14.6600	.0734	.1138			.0312	.0583
16.8600			.0689	.0460		
19.6600	.0669	.0758	.0767	.0786	.0249	.0544

WA (1) = .027 MACH (9) = 1.410 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0021	.0404	.0884	.0409	.0028	.0248
2.8000			.0527	.0582		
6.2500	.0559	.0950			.0558	.0535
10.0600	.0392	.1283			.0263	.0360
14.6600	.0603	.0969			.0226	.0511
16.8600			.0567	.0401		
19.6600	.0520	.0593	.0635	.0688	.0166	.0446

FRSI - STS-1 ULTIMATE (RACS09) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .056 MACH (1) = 1.058 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0164	.0660	.0451	-.0189	-.0335	.0094
2.8000			.0066	.0014		
6.2500	.0817	.1081			.0410	.0471
10.0600	.0591	.1451			-.0073	.0155
14.6600	.0803	.1140			.0007	.0329
16.8600			.0274	-.0175		
19.6600	.0683	.0830	.0392	.0277	-.0078	.0361

WA (1) = .048 MACH (2) = 1.130 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0336	.0837	.0709	.0134	-.0213	.0155
2.8000			.0363	.0304		
6.2500	.0971	.1282			.0454	.0490
10.0600	.0753	.1609			.0078	.0272
14.6600	.0960	.1291			.0139	.0418
16.8600			.0565	.0139		
19.6600	.0855	.0985	.0682	.0570	.0103	.0476

WA (1) = .044 MACH (3) = 1.226 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0225	.0767	.0899	.0383	.0018	.0347
2.8000			.0554	.0572		
6.2500	.0811	.1273			.0698	.0672
10.0600	.0617	.1638			.0328	.0465
14.6600	.0836	.1333			.0407	.0622
16.8600			.0723	.0358		
19.6600	.0790	.0994	.0827	.0782	.0351	.0663

FRSI - STS-1 ULTIMATE (RACS09)

WA (1) = .043 MACH (4) = 1.276 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0225	.0657	.0902	.0343	.0001	.0290
2.8000			.0543	.0524		
6.2500	.0779	.1188			.0595	.0553
10.0600	.0555	.1561			.0238	.0358
14.6600	.0777	.1232			.0294	.0507
16.8600			.0650	.0319		
19.6600	.0368	.0842	.0742	.0692	.0223	.0567

WA (1) = .039 MACH (5) = 1.335 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0225	.0620	.0998	.0469	.0059	.0338
2.8000			.0632	.0641		
6.2500	.0810	.1144			.0614	.0463
10.0600	.0579	.1519			.0276	.0340
14.6600	.0786	.1179			.0389	.0551
16.8600			.0679	.0438		
19.6600	.0399	.0789	.0786	.0768	.0217	.0513

WA (1) = .038 MACH (6) = 1.370 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0098	.0453	.0877	.0423	.0021	.0312
2.8000			.0541	.0598		
6.2500	.0685	.0981			.0566	.0362
10.0600	.0455	.1358			.0255	.0307
14.6600	.0659	.1015			.0278	.0500
16.8600			.0579	.0388		
19.6600	.0242	.0676	.0692	.0720	.0180	.0476

FRSI - STS-1 ULTIMATE (RACS09)

WA (1) = .036 MACH (7) = 1.400 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0022	.0303	.0829	.0391	-.0014	.0276
2.8000			.0463	.0536		
6.2500	.0550	.0810			.0473	.0274
10.0600	.0336	.1188			.0190	.0265
14.6600	.0517	.0850			.0181	.0439
16.8600			.0436	.0304		
19.6600	.0078	.0498	.0557	.0608	.0090	.0391

FRSI - DESIGN ULTIMATE (RACS10) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .072 MACH (1) = .966 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0139	.0358	.0367	-.0201	-.0095	.0292
2.8000			.0031	.0005		
6.2500	.0771	.0728			.0672	.0364
10.0600	.0531	.1030			.0251	.0346
14.6600	.0753	.0844			.0373	.0468
16.8600			.0298	-.0022		
19.6600	.0639	.0704	.0473	.0387	.0346	.0550

WA (1) = .055 MACH (2) = 1.095 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0169	.0599	.0520	-.0062	-.0311	.0203
2.8000			.0123	.0076		
6.2500	.0777	.0973			.0387	.0252
10.0600	.0520	.1326			-.0002	.0220
14.6600	.0691	.1014			.0148	.0357
16.8600			.0329	.0035		
19.6600	.0567	.0811	.0436	.0363	.0063	.0385

WA (1) = .053 MACH (3) = 1.124 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0072	.0523	.0590	.0054	-.0225	.0223
2.8000			.0217	.0221		
6.2500	.0670	.0916			.0504	.0279
10.0600	.0409	.1297			.0078	.0261
14.6600	.0562	.1034			.0191	.0378
16.8600			.0392	.0120		
19.6600	.0508	.0784	.0524	.0480	.0142	.0447

FRSI - DESIGN ULTIMATE (RACS10)

WA (1) = .052 MACH (4) = 1.242 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0097	.0373	.0690	.0180	-.0179	.0189
2.8000			.0323	.0336		
6.2500	.0664	.0882			.0528	.0202
10.0600	.0352	.1329			.0098	.0206
14.6600	.0528	.0967			.0233	.0351
16.8600			.0407	.0202		
19.6600	.0615	.0653	.0506	.0475	.0126	.0370

WA (1) = .048 MACH (5) = 1.274 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0042	.0292	.0664	.0159	-.0251	.0117
2.8000			.0283	.0296		
6.2500	.0605	.0778			.0338	.0069
10.0600	.0294	.1234			-.0009	.0075
14.6600	.0467	.0860			.0129	.0230
16.8600			.0325	.0144		
19.6600	.0556	.0561	.0441	.0405	.0018	.0223

WA (1) = .046 MACH (6) = 1.357 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0327	.0516	.0978	.0516	.0088	.0426
2.8000			.0625	.0652		
6.2500	.0902	.1013			.0654	.0341
10.0600	.0580	.1474			.0318	.0357
14.6600	.0741	.1105			.0494	.0580
16.8600			.0621	.0531		
19.6600	.0868	.0777	.0785	.0744	.0344	.0544

FRSI - DESIGN ULTIMATE (RACS10)

WA (1) = .046 MACH (7) = 1.378 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0245	.0411	.0916	.0491	.0074	.0408
2.8000			.0564	.0640		
6.2500	.0843	.0898			.0681	.0309
10.0600	.0510	.1366			.0301	.0317
14.6600	.0667	.0980			.0463	.0537
16.8600			.0530	.0513		
19.6600	.0810	.0675	.0709	.0695	.0319	.0474

WA (1) = .043 MACH (8) = 1.404 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0127	.0265	.0844	.0466	.0064	.0375
2.8000			.0481	.0581		
6.2500	.0703	.0736			.0540	.0250
10.0600	.0393	.1181			.0230	.0288
14.6600	.0509	.0803			.0339	.0448
16.8600			.0408	.0402		
19.6600	.0636	.0500	.0578	.0574	.0216	.0371

FRSI - DESIGN LIMIT (RACS11) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .901 TIME (1) = 2245.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0075	.0214	.0320	-.0234	-.0111	.0224
2.8000			-.0079	-.0056		
6.2500	.0606	.0622			.0664	.0295
10.0600	.0399	.0840			.0172	.0230
14.6600	.0563	.0662			.0279	.0365
16.8600			.0149	-.0161		
19.6600	.0336	.0390	.0239	.0195	.0122	.0343

MACH (1) = .901 TIME (2) = 2246.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0065	.0215	.0325	-.0231	-.0091	.0228
2.8000			-.0072	-.0048		
6.2500	.0580	.0598			.0653	.0302
10.0600	.0369	.0828			.0151	.0209
14.6600	.0532	.0644			.0203	.0315
16.8600			.0097	-.0246		
19.6600	.0331	.0400	.0230	.0187	.0108	.0344

MACH (1) = .901 TIME (3) = 2247.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0074	.0217	.0268	-.0268	-.0132	.0184
2.8000			-.0069	-.0051		
6.2500	.0611	.0618			.0736	.0325
10.0600	.0392	.0841			.0186	.0234
14.6600	.0567	.0663			.0272	.0361
16.8600			.0148	-.0169		
19.6600	.0335	.0398	.0243	.0199	.0124	.0361

FRSI - DESIGN LIMIT (RACS11)

MACH (1) = .902 TIME (4) = 2248.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0102	.0185	.0288	-.0245	-.0111	.0202
2.8000			-.0114	-.0098		
6.2500	.0576	.0595			.0631	.0263
10.0600	.0360	.0831			.0158	.0212
14.6600	.0550	.0673			.0241	.0345
16.8600			.0115	-.0223		
19.6600	.0329	.0396	.0234	.0190	.0116	.0348

MACH (1) = .906 TIME (5) = 2249.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0114	.0179	.0257	-.0286	-.0154	.0165
2.8000			-.0110	-.0089		
6.2500	.0542	.0564			.0644	.0269
10.0600	.0335	.0804			.0119	.0190
14.6600	.0525	.0636			.0203	.0319
16.8600			.0094	-.0229		
19.6600	.0341	.0406	.0251	.0209	.0139	.0373

MACH (2) = 1.104 TIME (1) = 2257.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0049	.0546	.0502	-.0079	-.0283	.0206
2.8000			.0141	.0081		
6.2500	.0658	.1004			.0411	.0275
10.0600	.0461	.1298			.0008	.0272
14.6600	.0591	.1017			.0006	.0311
16.8600			.0281	-.0085		
19.6600	.0433	.0717	.0394	.0342	-.0056	.0387

FRSI - DESIGN LIMIT (RACS11)

MACH (2) = 1.109 TIME (2) = 2258.000 RN/L = 4.1158 TTF = 87.716

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0070	.0588	.0523	-.0068	-.0294	.0177
2.8000			.0160	.0107		
6.2500	.0675	.1004			.0402	.0282
10.0600	.0473	.1310			-.0020	.0223
14.6500	.0627	.1044			.0070	.0339
16.8600			.0316	-.0051		
19.6600	.0457	.0737	.0412	.0353	-.0045	.0367

MACH (2) = 1.108 TIME (3) = 2259.000 RN/L = 4.1158 TTF = 87.716

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0061	.0354	.0515	-.0078	-.0292	.0176
2.8000			.0140	.0082		
6.2500	.0659	.1014			.0399	.0256
10.0600	.0459	.1330			-.0042	.0212
14.6500	.0606	.0956			.0045	.0301
16.8600			.0289	-.0083		
19.6600	.0454	.0742	.0409	.0359	-.0044	.0379

MACH (2) = 1.104 TIME (4) = 2300.000 RN/L = 4.1158 TTF = 87.716

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0057	.0553	.0495	-.0086	-.0290	.0199
2.8000			.0134	.0080		
6.2500	.0620	.0931			.0352	.0273
10.0600	.0434	.1248			-.0065	.0193
14.6600	.0581	.0954			.0003	.0282
16.8600			.0266	-.0097		
19.6600	.0418	.0701	.0365	.0312	-.0096	.0327

FRSI - DESIGN LIMIT (RACS11)

MACH (2) = 1.103 TIME (5) = 2301.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0043	.0546	.0499	-.0095	-.0310	.0191
2.8000			.0118	.0069		
6.2500	.0651	.0990			.0388	.0274
10.0600	.0444	.1282			-.0010	.0244
14.6600	.0577	.0951			.0022	.0294
16.8600			.0270	-.0103		
19.6600	.0416	.0689	.0368	.0310	-.0064	.0355

MACH (3) = 1.257 TIME (1) = 2304.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0123	.0315	.0584	.0055	-.0307	.0024
2.8000			.0191	.0186		
6.2500	.0441	.0858			.0330	.0095
10.0600	.0213	.1236			-.0054	.0074
14.6600	.0398	.0890			-.0036	.0226
16.8600			.0311	.0016		
19.6600	.0364	.0493	.0380	.0359	-.0144	.0202

MACH (3) = 1.251 TIME (2) = 2305.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0161	.0270	.0534	.0014	-.0327	.0001
2.8000			.0163	.0158		
6.2500	.0411	.0819			.0278	.0075
10.0600	.0172	.1181			-.0085	.0071
14.6600	.0357	.0852			-.0053	.0219
16.8600			.0280	-.0013		
19.6600	.0336	.0460	.0349	.0326	-.0158	.0190

FRSI - DESIGN LIMIT (RACSII)

MACH (3) = 1.253 TIME (3) = 2306.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0148	.0273	.0541	.0021	-.0320	.0013
2.8000			.0180	.0186		
6.2500	.0410	.0819			.0311	.0082
10.0600	.0182	.1183			-.0081	.0077
14.6600	.0372	.0869			-.0043	.0219
16.8600			.0290	-.0003		
19.6600	.0327	.0467	.0348	.0332	-.0154	.0184

MACH (3) = 1.256 TIME (4) = 2307.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0130	.0302	.0564	.0037	-.0315	.0020
2.8000			.0191	.0201		
6.2500	.0443	.0847			.0308	.0087
10.0600	.0207	.1198			-.0062	.0095
14.6600	.0393	.0883			-.0007	.0237
16.8600			.0302	.0013		
19.6600	.0350	.0477	.0372	.0360	-.0140	.0197

MACH (3) = 1.254 TIME (5) = 2308.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0126	.0303	.0568	.0039	-.0314	.0036
2.8000			.0198	.0206		
6.2500	.0430	.0849			.0284	.0087
10.0600	.0208	.1210			-.0055	.0091
14.6600	.0396	.0895			-.0023	.0241
16.8600			.0308	.0015		
19.6600	.0356	.0480	.0372	.0360	-.0136	.0206

FRSI - DESIGN LIMIT (RACSII)

MACH (4) = 1.409 TIME (1) = 2313.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0126	.0204	.0730	.0309	-.0089	.0191
2.8000			.0381	.0457		
6.2500	.0443	.0738			.0439	.0178
10.0600	.0226	.1097			.0125	.0222
14.6600	.0415	.0786			.0164	.0405
16.8600			.0402	.0301		
19.6600	.0420	.0413	.0478	.0546	.0056	.0321

MACH (4) = 1.410 TIME (2) = 2314.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0131	.0200	.0704	.0289	-.0088	.0184
2.8000			.0377	.0450		
6.2500	.0445	.0738			.0427	.0180
10.0600	.0219	.1095			.0145	.0236
14.6600	.0411	.0797			.0139	.0398
16.8600			.0409	.0278		
19.6600	.0437	.0406	.0489	.0567	.0074	.0347

MACH (4) = 1.409 TIME (3) = 2315.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0112	.0220	.0725	.0309	-.0078	.0192
2.8000			.0390	.0460		
6.2500	.0458	.0764			.0424	.0187
10.0600	.0237	.1116			.0142	.0236
14.6600	.0437	.0786			.0193	.0423
16.8600			.0403	.0325		
19.6600	.0458	.0413	.0507	.0583	.0095	.0360

FRSI - DESIGN LIMIT (RACSII)

MACH (4) = 1.407 TIME (4) = 2316.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0127	.0199	.0706	.0291	-.0098	.0165
2.8000			.0379	.0454		
6.2500	.0440	.0741			.0441	.0174
10.0600	.0226	.1093			.0126	.0217
14.6600	.0418	.0774			.0122	.0391
16.8600			.0397	.0291		
19.6600	.0449	.0392	.0488	.0571	.0065	.0338

MACH (4) = 1.408 TIME (5) = 2317.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0124	.0212	.0715	.0299	-.0101	.0176
2.8000			.0369	.0439		
6.2500	.0446	.0734			.0442	.0171
10.0600	.0227	.1087			.0129	.0220
14.6600	.0410	.0788			.0126	.0386
16.8600			.0398	.0270		
19.6600	.0445	.0398	.0478	.0564	.0075	.0346

FRSI - DESIGN LIMIT

(IACS12) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 5.600

MACH (1) = .899 TIME (1) = 118.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0563	.0983	.1528	.0265	-.1635	-.1195
2.8000			.1371	.0685		
6.2500	.1232	.1434			-.2863	-.2133
10.0600	.1050	.1793			-.3053	-.2159
14.6600	.1123	.1494			-.2781	-.1979
16.8600			.1557	.0462		
19.6600	.0916	.1196	.1364	.0689	-.1331	-.1079

MACH (1) = .899 TIME (2) = 119.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0525	.0958	.1552	.0322	-.1618	-.1197
2.8000			.1354	.0691		
6.2500	.1230	.1445			-.2897	-.2175
10.0600	.1044	.1818			-.3092	-.2198
14.6600	.1144	.1508			-.2766	-.2017
16.8600			.1581	.0474		
19.6600	.0945	.1225	.1386	.0688	-.1294	-.1080

MACH (1) = .899 TIME (3) = 120.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0503	.0922	.1512	.0312	-.1612	-.1173
2.8000			.1292	.0645		
6.2500	.1203	.1389			-.2847	-.2126
10.0600	.1021	.1761			-.3032	-.2137
14.6600	.1103	.1453			-.2743	-.1959
16.8600			.1528	.0441		
19.6600	.0905	.1171	.1324	.0664	-.1289	-.1057

FRSI - DESIGN LIMIT (IACS12)

MACH (1) = .899 TIME (4) = 121.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0557	.0973	.1538	.0306	-.1641	-.1192
2.8000			.1349	.0697		
6.2500	.1189	.1399			-.2771	-.2082
10.0600	.1005	.1775			-.3170	-.2216
14.6600	.1111	.1473			-.2786	-.2020
16.8600			.1541	.0448		
19.6600	.0922	.1187	.1343	.0681	-.1296	-.1070

MACH (1) = .899 TIME (5) = 122.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0520	.0939	.1543	.0340	-.1580	-.1137
2.8000			.1316	.0649		
6.2500	.1188	.1394			-.2907	-.2107
10.0600	.0995	.1758			-.3140	-.2213
14.6600	.1098	.1460			-.2731	-.1959
16.8600			.1534	.0453		
19.6600	.0902	.1180	.1345	.0697	-.1334	-.1092

MACH (1) = .901 TIME (6) = 123.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0532	.0955	.1539	.0336	-.1581	-.1149
2.0000			.1331	.0661		
6.2500	.1208	.1406			-.2870	-.2091
10.0600	.1011	.1780			-.3154	-.2215
14.6600	.1132	.1493			-.2749	-.1966
16.8600			.1561	.0485		
19.6600	.0950	.1223	.1376	.0728	-.1256	-.1033

FRSI - DESIGN LIMIT (1ACS12)

MACH (1) = .900 TIME (7) = 124.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0518	.0940	.1520	.0291	-.1675	-.1224
2.8000			.1310	.0653		
6.2500	.1250	.1444			-.2863	-.2109
10.0600	.1056	.1823			-.3058	-.2164
14.6600	.1159	.1495			-.2579	-.1836
16.8600			.1575	.0507		
19.6600	.0950	.1220	.1383	.0720	-.1254	-.1034

MACH (1) = .898 TIME (8) = 125.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0543	.0961	.1508	.0300	-.1594	-.1164
2.8000			.1340	.0678		
6.2500	.1198	.1388			-.2849	-.2093
10.0600	.1017	.1760			-.3059	-.2157
14.6600	.1102	.1467			-.2744	-.2032
16.8600			.1527	.0435		
19.6600	.0895	.1166	.1321	.0655	-.1320	-.1083

MACH (1) = .899 TIME (9) = 126.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0524	.0944	.1523	.0300	-.1634	-.1195
2.8000			.1335	.0662		
6.2500	.1249	.1455			-.2874	-.2163
10.0600	.1062	.1826			-.3050	-.2167
14.6600	.1136	.1501			-.2694	-.1942
16.8600			.1578	.0484		
19.6600	.0911	.1178	.1332	.0652	-.1299	-.1404

FRSI - DESIGN LIMIT (IACS12)

MACH (1) = .899 TIME (10) = 127.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0519	.0940	.1527	.0304	-.1598	-.1174
2.8000			.1323	.0654		
6.2500	.1203	.1391			-.2838	-.2106
10.0600	.1008	.1789			-.3106	-.2180
14.6600	.1111	.1488			-.2756	-.2003
16.8600			.1540	.0478		
19.6600	.0909	.1176	.1339	.0696	-.1281	-.1062

MACH (1) = .900 TIME (11) = 128.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0541	.0959	.1524	.0304	-.1631	-.1192
2.8000			.1347	.0686		
6.2500	.1225	.1429			-.2884	-.2107
10.0600	.1049	.1797			-.3017	-.2124
14.6600	.1131	.1488			-.2692	-.1927
16.8600			.1546	.0463		
19.6600	.0902	.1177	.1340	.0702	-.1309	-.1075

FRSI - DESIGN LIMIT (2ACS12) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 5.600

MACH (1) = .896 TIME (1) = 129.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0524	.0935	.1510	.0282	-.1658	-.1211
2.8000			.1316	.0622		
6.2500	.1227	.1427			-.2946	-.2172
10.0600	.1033	.1811			-.3108	-.2208
14.6600	.1132	.1498			-.2759	-.1981
16.8600			.1568	.0480		
19.6600	.0914	.1191	.1352	.0693	-.1331	-.1088

MACH (1) = .898 TIME (2) = 130.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0540	.0951	.1511	.0262	-.1631	-.1194
2.8000			.1329	.0671		
6.2500	.1261	.1454			-.2868	-.2108
10.0600	.1071	.1809			-.3019	-.2135
14.6600	.1139	.1504			-.2692	-.1953
16.8600			.1572	.0435		
19.6600	.0920	.1194	.1355	.0723	-.1324	-.1090

MACH (1) = .899 TIME (3) = 131.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0519	.0943	.1563	.0324	-.1596	-.1156
2.8000			.1326	.0680		
6.2500	.1204	.1396			-.2815	-.2099
10.0600	.1026	.1761			-.3096	-.2179
14.6600	.1130	.1490			-.2741	-.1995
16.8600			.1563	.0489		
19.6600	.0936	.1207	.1361	.0677	-.1305	-.1087

FRSI - DESIGN LIMIT (2ACS12)

MACH (1) = .898 TIME (4) = 132.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0542	.0953	.1527	.0294	-.1665	-.1215
2.8000			.1325	.0676		
6.2500	.1228	.1428			-.2832	-.2085
10.0600	.1035	.1796			-.3059	-.2178
14.6600	.1129	.1470			-.2691	-.1923
16.8600			.1530	.0475		
19.6600	.0939	.1207	.1364	.0701	-.1260	-.1038

MACH (1) = .898 TIME (5) = 133.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0523	.0932	.1549	.0318	-.1592	-.1159
2.8000			.1297	.0633		
6.2500	.1222	.1422			-.2827	-.2086
10.0600	.1044	.1778			-.3009	-.2147
14.6600	.1126	.1484			-.2763	-.1989
16.8600			.1558	.0461		
19.6600	.0931	.1205	.1355	.0701	-.1305	-.1077

MACH (1) = .898 TIME (6) = 134.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0536	.0951	.1534	.0314	-.1629	-.1189
2.8000			.1329	.0676		
6.2500	.1229	.1426			-.2883	-.2129
10.0600	.1042	.1800			-.3063	-.2197
14.6600	.1120	.1467			-.2657	-.1907
16.8600			.1534	.0446		
19.6600	.0933	.1204	.1361	.0705	-.1319	-.1079

FRSI - DESIGN LIMIT (2ACS12)

MACH (1) = .898 TIME (7) = 135.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0508	.0920	.1505	.0294	-.1639	-.1199
2.8000			.1293	.0650		
6.2500	.1220	.1404			-.2886	-.2135
10.0600	.1035	.1767			-.3040	-.2133
14.6600	.1135	.1483			-.2718	-.1916
16.8600			.1553	.0475		
19.6600	.0939	.1213	.1364	.0711	-.1277	-.1038

MACH (1) = .896 TIME (8) = 136.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0520	.0941	.1543	.0314	-.1635	-.1171
2.8000			.1318	.0648		
6.2500	.1203	.1410			-.2897	-.2133
10.0600	.1018	.1787			-.3106	-.2223
14.6600	.1131	.1479			-.2680	-.1958
16.8600			.1553	.0460		
19.6600	.0912	.1183	.1341	.0658	-.1311	-.1097

MACH (1) = .898 TIME (9) = 137.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0570	.0980	.1568	.0369	-.1607	-.1154
2.8000			.1354	.0680		
6.2500	.1209	.1416			-.2832	-.2069
10.0600	.1025	.1781			-.3063	-.2193
14.6600	.1112	.1458			-.2740	-.1971
16.8600			.1530	.0430		
19.6600	.0922	.1201	.1350	.0683	-.1300	-.1080

FRSI - DESIGN LIMIT (2ACS12)

MACH (1) = .898 TIME (10) = 138.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0536	.0944	.1513	.0295	-.1644	-.1204
2.8000			.1313	.0634		
6.2500	.1221	.1409			-.2928	-.2146
10.0600	.1041	.1764			-.2971	-.2118
14.6600	.1136	.1501			-.2790	-.1982
16.8600			.1565	.0470		
19.6600	.0938	.1217	.1368	.0701	-.1282	-.1055

MACH (1) = .898 TIME (11) = 139.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0544	.0952	.1565	.0326	-.1612	-.1169
2.8000			.1323	.0649		
6.2500	.1213	.1420			-.2846	-.2102
10.0600	.1032	.1808			-.3139	-.2172
14.6600	.1114	.1471			-.2759	-.1998
16.8600			.1546	.0439		
19.6600	.0907	.1177	.1336	.0684	-.1360	-.1119

FRSI - DESIGN LIMIT

(1ACS13) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.730

MACH (1) = 1.104 TIME (1) = 153.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0133	.0671	.1046	.0407	-.0754	-.0288
2.8000			.0724	.0587		
6.2500	.0726	.1120			-.1042	-.0538
10.0600	.0524	.1415			-.1406	-.0582
14.6600	.0637	.1153			-.1013	-.0397
16.8600			.0847	.0410		
19.6600	.0504	.0834	.0824	.0742	-.0468	-.0121

MACH (1) = 1.104 TIME (2) = 155.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0133	.0665	.1035	.0403	-.0756	-.0295
2.8000			.0715	.0567		
6.2500	.0734	.1125			-.1143	-.0588
10.0600	.0518	.1434			-.1401	-.0572
14.6600	.0635	.1125			-.1002	-.0427
16.8600			.0844	.0414		
19.6600	.0521	.0835	.0846	.0742	-.0422	-.0096

MACH (1) = 1.100 TIME (3) = 156.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0123	.0659	.1030	.0391	-.0771	-.0285
2.8000			.0718	.0602		
6.2500	.0718	.1109			-.1014	-.0506
10.0600	.0518	.1391			-.1370	-.0549
14.6600	.0615	.1145			-.0975	-.0363
16.8600			.0833	.0391		
19.6600	.0515	.0839	.0852	.0753	-.0431	-.0064

FRSI - DESIGN LIMIT (IACSI3)

MACH (1) = 1.101 TIME (4) = 157.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0125	.0665	.1042	.0407	-.0719	-.0251
2.8000			.0716	.0595		
6.2500	.0709	.1112			-.1096	-.0533
10.0300	.0477	.1425			-.1416	-.0593
14.6600	.0596	.1134			-.1054	-.0458
16.8600			.0817	.0377		
19.6600	.0485	.0826	.0811	.0717	-.0472	-.0137

MACH (1) = 1.102 TIME (5) = 158.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0120	.0652	.1004	.0361	-.0737	-.0263
2.8000			.0692	.0566		
6.2500	.0717	.1097			-.0981	-.0479
10.0600	.0514	.1388			-.1316	-.0508
14.6600	.0628	.1135			-.0875	-.0338
16.8600			.0799	.0364		
19.6600	.0500	.0808	.0804	.0713	-.0421	-.0085

MACH (1) = 1.102 TIME (6) = 159.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0140	.0651	.0997	.0362	-.0713	-.0239
2.8000			.0558	.0528		
6.2500	.0714	.1073			-.1009	-.0454
10.0600	.0501	.1366			-.1279	-.0523
14.6600	.0616	.1123			-.0914	-.0356
16.8600			.0781	.0359		
19.6600	.0476	.0803	.0764	.0687	-.0460	-.0120

FRSI - DESIGN LIMIT (1ACS13)

MACH (1) = 1.101 TIME (7) = 200.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0111	.0652	.1012	.0383	-.0695	-.0227
2.8000			.0709	.0576		
6.2500	.0722	.1108			-.1017	-.0507
10.0600	.0514	.1412			-.1325	-.0513
14.6600	.0639	.1149			-.0865	-.0332
16.8600			.0846	.0417		
19.6600	.0503	.0822	.0829	.0732	-.0419	-.0074

MACH (1) = 1.103 TIME (8) = 201.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0143	.0681	.1043	.0406	-.0726	-.0263
2.8000			.0744	.0608		
6.2500	.0724	.1128			-.1046	-.0508
10.0600	.0517	.1429			-.1382	-.0552
14.6600	.0627	.1147			-.0968	-.0400
16.8600			.0852	.0409		
19.6600	.0495	.0811	.0819	.0719	-.0467	-.0131

MACH (1) = 1.102 TIME (9) = 202.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0110	.0663	.1062	.0429	-.0717	-.0240
2.8000			.0723	.0587		
6.2500	.0720	.1093			-.1071	-.0538
10.0600	.0514	.1378			-.1371	-.0568
14.6600	.0617	.1118			-.0964	-.0413
16.8600			.0835	.0402		
19.6600	.0478	.0823	.0814	.0721	-.0468	-.0115

FRSI - DESIGN LIMIT (IACS13)

MACH (1) = 1.102 TIME (10) = 203.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0125	.0668	.1054	.0414	-.0750	-.0264
2.8000			.0736	.0602		
6.2500	.0716	.1123			-.1070	-.0526
10.0600	.0509	.1398			-.1387	-.0559
14.6600	.0624	.1133			-.0998	-.0413
16.8600			.0850	.0411		
19.6600	.0490	.0827	.0828	.0738	-.0464	-.0107

MACH (1) = 1.102 TIME (11) = 204.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0115	.0653	.1059	.0416	-.0753	-.0273
2.8000			.0723	.0588		
6.2500	.0709	.1080			-.1107	-.0560
10.0600	.0514	.1359			-.1373	-.0601
14.6600	.0617	.1135			-.0947	-.0423
16.8600			.0841	.0405		
19.6600	.0487	.0824	.0826	.0732	-.0472	-.0128

FRSI - DESIGN LIMIT (2ACS13) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.730

MACH (1) = 1.101 TIME (1) = 205.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0112	.0659	.1038	.0393	-.0742	-.0280
2.8000			.0730	.0592		
6.2500	.0701	.1095			-.1113	-.0544
10.0600	.0496	.1382			-.1432	-.0616
14.6600	.0616	.1114			-.0944	-.0431
16.8600			.0828	.0387		
19.6600	.0480	.0811	.0813	.0734	-.0514	-.0189

MACH (1) = 1.103 TIME (2) = 206.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0136	.0671	.1081	.0437	-.0742	-.0267
2.8000			.0748	.0616		
6.2500	.0733	.1129			-.1055	-.0538
10.0600	.0515	.1438			-.1401	-.0563
14.6600	.0628	.1145			-.1027	-.0413
16.8600			.0852	.0415		
19.6600	.0479	.0809	.0815	.0715	-.0490	-.0155

MACH (1) = 1.103 TIME (3) = 207.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0129	.0667	.1043	.0403	-.0767	-.0308
2.8000			.0732	.0611		
6.2500	.0723	.1111			-.1092	-.0530
10.0600	.0514	.1387			-.1396	-.0594
14.6600	.0638	.1152			-.0933	-.0397
16.8600			.0849	.0409		
19.6600	.0484	.0822	.0821	.0741	-.0463	-.0128

FRSI - DESIGN LIMIT (2ACS13)

MACH (1) = 1.103 TIME (4) = 209.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0129	.0668	.1049	.0418	-.0718	-.0259
2.8000			.0738	.0619		
6.2500	.0729	.1109			-.1068	-.0528
10.0600	.0520	.1377			-.1386	-.0573
14.6600	.0616	.1164			-.0998	-.0426
16.8600			.0833	.0390		
19.6600	.0504	.0822	.0833	.0733	-.0474	-.0161

MACH (1) = 1.103 TIME (5) = 210.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0128	.0675	.1033	.0389	-.0772	-.0329
2.8000			.0740	.0600		
6.2500	.0712	.1105			-.1112	-.0540
10.0600	.0498	.1421			-.1435	-.0606
14.6600	.0632	.1133			-.1019	-.0413
16.8600			.0842	.0408		
19.6600	.0504	.0824	.0838	.0747	-.0456	-.0123

MACH (1) = 1.102 TIME (6) = 211.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0143	.0676	.1070	.0420	-.0750	-.0264
2.8000			.0753	.0626		
6.2500	.0714	.1090			-.0966	-.0479
10.0600	.0513	.1386			-.1399	-.0573
14.6600	.0613	.1146			-.1007	-.0401
16.8600			.0834	.0390		
19.6600	.0499	.0820	.0822	.0734	-.0458	-.0131

FRSI - DESIGN LIMIT (2ACS13)

MACH (1) = 1.102 TIME (7) = 212.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0120	.0666	.1065	.0421	-.0764	-.0281
2.8000			.0731	.0601		
6.2500	.0715	.1119			-.1089	-.0531
10.0600	.0509	.1409			-.1378	-.0576
14.6600	.0627	.1129			-.0968	-.0403
16.8600			.0838	.0407		
19.6600	.0500	.0821	.0837	.0740	-.0448	-.0127

MACH (1) = 1.104 TIME (8) = 213.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0141	.0683	.1051	.0418	-.0739	-.0285
2.8000			.0751	.0626		
6.2500	.0725	.1107			-.1010	-.0505
10.0600	.0520	.1378			-.1416	-.0610
14.6600	.0631	.1135			-.0981	-.0408
16.8600			.0843	.0407		
19.6600	.0498	.0837	.0834	.0754	-.0465	-.0135

MACH (1) = 1.103 TIME (9) = 214.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0160	.0709	.1084	.0434	-.0739	-.0284
2.8000			.0765	.0632		
6.2500	.0746	.1156			-.1120	-.0558
10.0600	.0528	.1458			-.1418	-.0612
14.6600	.0643	.1173			-.1006	-.0433
16.8600			.0860	.0411		
19.6600	.0517	.0830	.0841	.0751	-.0474	-.0178

FRSI - DESIGN LIMIT (2ACS13)

MACH (1) = 1.106 TIME (10) = 215.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0185	.0723	.1112	.0452	-.0768	-.0330
2.8000			.0779	.0635		
6.2500	.0792	.1174			-.1035	-.0527
10.0600	.0554	.1481			-.1412	-.0600
14.6600	.0667	.1187			-.0958	-.0437
16.8600			.0878	.0430		
19.6600	.0549	.0875	.0870	.0788	-.0450	-.0161

MACH (1) = 1.133 TIME (11) = 216.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0376	.0891	.1274	.0627	-.0566	-.0201
2.8000			.0943	.0810		
6.2500	.0964	.1339			-.0847	-.0410
10.0600	.0726	.1639			-.1151	-.0456
14.6600	.0836	.1365			-.0746	-.0270
16.8600			.1058	.0604		
19.6600	.0723	.1012	.1047	.0961	-.0282	-.0049

FRSI - DESIGN LIMIT (IACS14) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.100

MACH (1) = 1.253 TIME (1) = 234.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0067	.0273	.0901	.0393	-.0471	-.0171
2.8000			.0578	.0528		
6.2500	.0487	.0850			-.0637	-.0392
10.0600	.0227	.1213			-.0809	-.0369
14.6600	.0393	.0907			-.0567	-.0205
16.8600			.0640	.0363		
19.6600	.0418	.0489	.0629	.0645	-.0229	-.0046

MACH (1) = 1.252 TIME (2) = 235.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0064	.0284	.0869	.0362	-.0456	-.0154
2.8000			.0539	.0502		
6.2500	.0491	.0840			-.0638	-.0391
10.0600	.0221	.1204			-.0753	-.0328
14.6600	.0386	.0906			-.0516	-.0186
16.8600			.0611	.0336		
19.6600	.0423	.0501	.0619	.0625	-.0205	-.0016

MACH (1) = 1.251 TIME (3) = 236.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0066	.0296	.0855	.0353	-.0474	-.0155
2.8000			.0535	.0491		
6.2500	.0495	.0837			-.0642	-.0379
10.0600	.0212	.1212			-.0760	-.0334
14.6600	.0380	.0907			-.0528	-.0185
16.8600			.0605	.0340		
19.6600	.0398	.0489	.0597	.0608	-.0232	-.0044

FRSI - DESIGN LIMIT (1ACS14)

MACH (1) = 1.252 TIME (4) = 237.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0066	.0274	.0857	.0350	-.0477	-.0161
2.8000			.0543	.0504		
6.2500	.0495	.0841			-.0632	-.0371
10.0600	.0222	.1200			-.0758	-.0321
14.6600	.0383	.0904			-.0494	-.0177
16.8600			.0610	.0332		
19.6600	.0389	.0494	.0605	.0613	-.0214	-.0025

MACH (1) = 1.251 TIME (5) = 238.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0073	.0264	.0871	.0356	-.0473	-.0155
2.8000			.0536	.0504		
6.2500	.0487	.0837			-.0631	-.0387
10.0600	.0219	.1185			-.0771	-.0339
14.6600	.0380	.0904			-.0504	-.0173
16.8600			.0605	.0335		
19.6600	.0403	.0476	.0605	.0608	-.0219	-.0033

MACH (1) = 1.250 TIME (6) = 239.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0078	.0270	.0843	.0344	-.0476	-.0168
2.8000			.0533	.0492		
6.2500	.0475	.0824			-.0647	-.0379
10.0600	.0212	.1181			-.0778	-.0350
14.6600	.0370	.0890			-.0543	-.0194
16.8600			.0604	.0325		
19.6600	.0399	.0477	.0606	.0609	-.0242	-.0054

FRSI - DESIGN LIMIT (1ACS14)

MACH (1) = 1.251 TIME (7) = 240.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0077	.0258	.0860	.0358	-.0458	-.0158
2.8000			.0532	.0509		
6.2500	.0491	.0831			-.0624	-.0374
10.0600	.0211	.1208			-.0763	-.0337
14.6600	.0372	.0888			-.0513	-.0177
16.8600			.0604	.0324		
19.6600	.0408	.0486	.0604	.0618	-.0225	-.0036

MACH (1) = 1.252 TIME (8) = 241.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0063	.0269	.0862	.0358	-.0460	-.0166
2.8000			.0551	.0520		
6.2500	.0492	.0836			-.0621	-.0374
10.0600	.0222	.1194			-.0766	-.0340
14.6600	.0385	.0904			-.0502	-.0166
16.8600			.0623	.0342		
19.6600	.0418	.0483	.0610	.0624	-.0221	-.0047

MACH (1) = 1.251 TIME (9) = 242.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0069	.0280	.0863	.0356	-.0473	-.0166
2.8000			.0541	.0504		
6.2500	.0497	.0839			-.0639	-.0392
10.0600	.0209	.1209			-.0773	-.0344
14.6600	.0388	.0902			-.0491	-.0168
16.8600			.0621	.0343		
19.6600	.0419	.0490	.0618	.0630	-.0218	-.0038

FRSI - DESIGN LIMIT (IACS14)

MACH (1) = 1.251 TIME (10) = 243.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0075	.0271	.0848	.0345	-.0464	-.0164
2.8000			.0534	.0492		
6.2500	.0499	.0835			-.0640	-.0380
10.0600	.0210	.1219			-.0771	-.0338
14.6600	.0371	.0890			-.0552	-.0188
16.8600			.0612	.0318		
19.6600	.0418	.0481	.0609	.0629	-.0209	-.0031

MACH (1) = 1.252 TIME (11) = 244.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0061	.0288	.0862	.0358	-.0466	-.0158
2.8000			.0543	.0501		
6.2500	.0500	.0846			-.0626	-.0374
10.0600	.0227	.1208			-.0752	-.0329
14.6600	.0398	.0901			-.0522	-.0195
16.8600			.0607	.0348		
19.6600	.0424	.0497	.0618	.0626	-.0219	-.0031

FRSI - DESIGN LIMIT (2ACS14) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.100

MACH (1) = 1.251 TIME (1) = 245.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0077	.0263	.0869	.0366	-.0458	-.0159
2.8000			.0534	.0495		
6.2500	.0483	.0832			-.0640	-.0388
10.0600	.0218	.1183			-.0814	-.0372
14.6600	.0374	.0895			-.0549	-.0196
16.8600			.0606	.0323		
19.6600	.0410	.0494	.0607	.0610	-.0227	-.0045

MACH (1) = 1.251 TIME (2) = 246.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0064	.0287	.0867	.0371	-.0464	-.0159
2.8000			.0542	.0503		
6.2500	.0493	.0837			-.0650	-.0377
10.0600	.0221	.1189			-.0774	-.0348
14.6600	.0385	.0898			-.0544	-.0185
16.8600			.0617	.0344		
19.6600	.0391	.0480	.0593	.0604	-.0235	-.0039

MACH (1) = 1.250 TIME (3) = 247.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0078	.0275	.0853	.0343	-.0481	-.0173
2.8000			.0539	.0497		
6.2500	.0469	.0823			-.0641	-.0378
10.0600	.0217	.1164			-.0797	-.0360
14.6600	.0370	.0884			-.0530	-.0184
16.8600			.0600	.0317		
19.6600	.0398	.0490	.0605	.0612	-.0229	-.0040

FRSI - DESIGN LIMIT (2ACS14)

MACH (1) = 1.251 TIME (4) = 248.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0065	.0288	.0850	.0351	-.0472	-.0170
2.8000			.0546	.0499		
6.2500	.0482	.0841			-.0641	-.0367
10.0600	.0215	.1203			-.0764	-.0336
14.6600	.0383	.0899			-.0513	-.0173
16.8600			.0611	.0343		
19.6600	.0412	.0479	.0605	.0619	-.0226	-.0041

MACH (1) = 1.252 TIME (5) = 249.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0066	.0290	.0870	.0361	-.0463	-.0169
2.8000			.0540	.0493		
6.2500	.0502	.0838			-.0660	-.0400
10.0600	.0222	.1186			-.0786	-.0355
14.6600	.0385	.0904			-.0535	-.0195
16.8600			.0615	.0337		
19.6600	.0419	.0499	.0620	.0624	-.0203	-.0023

MACH (1) = 1.251 TIME (6) = 250.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0069	.0279	.0846	.0349	-.0477	-.0177
2.8000			.0545	.0506		
6.2500	.0483	.0835			-.0667	-.0390
10.0600	.0213	.1198			-.0771	-.0346
14.6600	.0379	.0904			-.0520	-.0191
16.8600			.0615	.0347		
19.6600	.0413	.0477	.0606	.0621	-.0220	-.0037

FRSI - DESIGN LIMIT (2ACS14)

MACH (1) = 1.250 TIME (7) = 251.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0073	.0264	.0855	.0361	-.0463	-.0160
2.8000			.0547	.0509		
6.2500	.0489	.0837			-.0637	-.0371
10.0600	.0220	.1184			-.0781	-.0350
14.6600	.0378	.0896			-.0515	-.0176
16.8600			.0613	.0335		
19.6600	.0403	.0476	.0605	.0624	-.0229	-.0044

MACH (1) = 1.251 TIME (8) = 252.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0074	.0272	.0872	.0372	-.0463	-.0153
2.8000			.0543	.0498		
6.2500	.0476	.0833			-.0674	-.0393
10.0600	.0216	.1173			-.0810	-.0371
14.6600	.0374	.0895			-.0523	-.0182
16.8600			.0604	.0329		
19.6600	.0384	.0489	.0601	.0599	-.0232	-.0044

MACH (1) = 1.251 TIME (9) = 253.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0070	.0276	.0866	.0360	-.0472	-.0159
2.8000			.0547	.0503		
6.2500	.0498	.0835			-.0643	-.0383
10.0600	.0215	.1201			-.0782	-.0343
14.6600	.0384	.0903			-.0521	-.0194
16.8600			.0614	.0341		
19.6600	.0399	.0488	.0603	.0607	-.0233	-.0037

FRSI - DESIGN LIMIT (2ACS14)

MACH (1) = 1.252 TIME (10) = 254.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0066	.0286	.0885	.0372	-.0466	-.0158
2.8000			.0549	.0504		
6.2500	.0498	.0842			-.0642	-.0382
10.0600	.0220	.1223			-.0774	-.0345
14.6600	.0388	.0907			-.0512	-.0176
16.8600			.0621	.0356		
19.6600	.0419	.0495	.0616	.0627	-.0222	-.0039

MACH (1) = 1.251 TIME (11) = 255.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0069	.0282	.0863	.0361	-.0475	-.0164
2.8000			.0549	.0504		
6.2500	.0494	.0836			-.0657	-.0383
10.0600	.0214	.1215			-.0775	-.0340
14.6600	.0380	.0899			-.0534	-.0199
16.8600			.0616	.0343		
19.6600	.0387	.0489	.0602	.0597	-.0235	-.0039

FRSI - DESIGN LIMIT (IACS15) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.750

MACH (1) = 1.404 TIME (1) = 305.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0067	.0159	.1234	.0842	-.0276	-.0126
2.8000			.1006	.1019		
6.2500	.0510	.0728			-.0809	-.0514
10.0600	.0248	.1113			-.1083	-.0536
14.6600	.0409	.0807			-.0674	-.0317
16.8600			.1059	.0858		
19.6600	.0492	.0414	.0930	.1079	-.0113	-.0079

MACH (1) = 1.404 TIME (2) = 306.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0050	.0184	.1232	.0841	-.0275	-.0134
2.8000			.1010	.1017		
6.2500	.0521	.0747			-.0793	-.0501
10.0600	.0252	.1117			-.1087	-.0533
14.6600	.0421	.0806			-.0689	-.0313
16.8600			.1066	.0859		
19.6600	.0504	.0424	.0937	.1080	-.0093	-.0064

MACH (1) = 1.403 TIME (3) = 307.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0050	.0159	.1231	.0836	-.0272	-.0132
2.8000			.1000	.1012		
6.2500	.0504	.0740			-.0814	-.0510
10.0600	.0240	.1112			-.1088	-.0533
14.6600	.0415	.0801			-.0675	-.0313
16.8600			.1052	.0854		
19.6600	.0494	.0412	.0916	.1066	-.0100	-.0075

FRSI - DESIGN LIMIT (1ACS15)

MACH (1) = 1.404 TIME (4) = 308.000 RN/L = 3.9515 TTF = 103.74

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0048	.0196	.1243	.0850	-.0271	-.0122
2.8000			.0996	.1006		
6.2500	.0521	.0736			-.0815	-.0510
10.0600	.0247	.1108			-.1076	-.0529
14.6600	.0422	.0797			-.0640	-.0302
16.8600			.1057	.0858		
19.6600	.0509	.0411	.0923	.1081	-.0094	-.0070

MACH (1) = 1.403 TIME (5) = 309.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0048	.0164	.1233	.0842	-.0272	-.0127
2.8000			.1003	.1010		
6.2500	.0523	.0730			-.0803	-.0512
10.0600	.0253	.1110			-.1068	-.0513
14.6600	.0423	.0799			-.0634	-.0295
16.8600			.1056	.0860		
19.6600	.0514	.0416	.0928	.1086	-.0093	-.0071

MACH (1) = 1.403 TIME (6) = 310.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0048	.0178	.1233	.0840	-.0267	-.0135
2.8000			.0999	.1003		
6.2500	.0501	.0750			-.0831	-.0519
10.0600	.0245	.1110			-.1098	-.0546
14.6600	.0425	.0800			-.0629	-.0304
16.8600			.1057	.0861		
19.6600	.0502	.0416	.0931	.1076	-.0093	-.0070

FRSI - DESIGN LIMIT (1ACS15)

MACH (1) = 1.404 TIME (7) = 311.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0051	.0183	.1240	.0846	-.0282	-.0141
2.8000			.1000	.1017		
6.2500	.0511	.0748			-.0813	-.0508
10.0600	.0250	.1109			-.1101	-.0545
14.6600	.0422	.0803			-.0672	-.0306
16.8600			.1058	.0854		
19.6600	.0499	.0429	.0932	.1072	-.0107	-.0065

MACH (1) = 1.403 TIME (8) = 312.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0062	.0150	.1239	.0837	-.0291	-.0147
2.8000			.0999	.1001		
6.2500	.0500	.0734			-.0826	-.0540
10.0600	.0241	.1106			-.1099	-.0549
14.6600	.0411	.0797			-.0670	-.0317
16.8600			.1049	.0856		
19.6600	.0491	.0426	.0937	.1069	-.0105	-.0074

MACH (1) = 1.402 TIME (9) = 313.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0072	.0146	.1212	.0821	-.0279	-.0144
2.8000			.0996	.0997		
6.2500	.0509	.0717			-.0834	-.0539
10.0600	.0235	.1094			-.1104	-.0548
14.6600	.0399	.0796			-.0675	-.0326
16.8600			.1046	.0834		
19.6600	.0474	.0414	.0927	.1054	-.0125	-.0081

FRSI - DESIGN LIMIT (IACS15)

MACH (1) = 1.400 TIME (10) = 314.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0084	.0134	.1202	.0808	-.0303	-.0156
2.8000			.0983	.0984		
6.2500	.0481	.0704			-.0849	-.0538
10.0600	.0211	.1074			-.1117	-.0563
14.6600	.0381	.0773			-.0687	-.0344
16.8600			.1025	.0824		
19.6600	.0443	.0397	.0904	.1029	-.0140	-.0080

MACH (1) = 1.401 TIME (11) = 315.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0079	.0147	.1195	.0804	-.0306	-.0164
2.8000			.0982	.0994		
6.2500	.0480	.0722			-.0862	-.0552
10.0600	.0218	.1086			-.1138	-.0581
14.6600	.0385	.0790			-.0697	-.0328
16.8500			.1037	.0825		
19.6600	.0455	.0396	.0914	.1051	-.0120	-.0096

FRSI - DESIGN LIMIT (2ACS15) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.750

MACH (1) = 1.401 TIME (1) = 316.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0086	.0137	.1209	.0814	-.0314	-.0170
2.8000			.0984	.0988		
6.2500	.0482	.0705			-.0848	-.0542
10.0600	.0209	.1080			-.1126	-.0578
14.6600	.0381	.0776			-.0666	-.0328
16.8600			.1032	.0822		
19.6600	.0467	.0389	.0906	.1051	-.0134	-.0106

MACH (1) = 1.400 TIME (2) = 317.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0089	.0143	.1179	.0798	-.0305	-.0164
2.8000			.0963	.0964		
6.2500	.0489	.0687			-.0842	-.0541
10.0600	.0209	.1067			-.1104	-.0548
14.6600	.0376	.0763			-.0692	-.0335
16.8600			.1008	.0817		
19.6600	.0464	.0379	.0884	.1042	-.0119	-.0087

MACH (1) = 1.401 TIME (3) = 318.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0077	.0153	.1190	.0791	-.0304	-.0154
2.8000			.0961	.0970		
6.2500	.0480	.0719			-.0838	-.0524
10.0600	.0223	.1083			-.1074	-.0538
14.6600	.0392	.0772			-.0660	-.0327
16.8600			.1016	.0820		
19.6600	.0478	.0382	.0895	.1046	-.0115	-.0084

FRSI - DESIGN LIMIT (2ACS15)

MACH (1) = 1.401 TIME (4) = 319.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0087	.0146	.1196	.0799	-.0309	-.0164
2.8000			.0958	.0960		
6.2500	.0485	.0709			-.0835	-.0542
10.0600	.0216	.1078			-.1100	-.0553
14.6600	.0382	.0762			-.0695	-.0331
16.8600			.1008	.0815		
19.6600	.0444	.0403	.0901	.1007	-.0333	-.0300

MACH (1) = 1.401 TIME (5) = 320.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0077	.0149	.1198	.0807	-.0301	-.0152
2.8000			.0963	.0975		
6.2500	.0480	.0716			-.0825	-.0529
10.0600	.0220	.1080			-.1092	-.0546
14.6600	.0387	.0780			-.0680	-.0326
16.8600			.1016	.0815		
19.6600	.0473	.0380	.0887	.1043	-.0126	-.0091

MACH (1) = 1.401 TIME (6) = 321.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0078	.0143	.1195	.0799	-.0291	-.0142
2.8000			.0963	.0972		
6.2500	.0479	.0721			-.0859	-.0545
10.0600	.0220	.1082			-.1085	-.0541
14.6600	.0389	.0777			-.0701	-.0327
16.8600			.1013	.0819		
19.6600	.0459	.0390	.0892	.1032	-.0128	-.0089

FRSI - DESIGN LIMIT (2ACS15)

MACH (1) = 1.402 TIME (7) = 322.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0078	.0137	.1205	.0814	-.0287	-.0142
2.8000			.0973	.0980		
6.2500	.0494	.0710			-.0820	-.0524
10.0600	.0225	.1082			-.1090	-.0539
14.6600	.0389	.0781			-.0689	-.0325
16.8600			.1023	.0819		
19.6600	.0480	.0387	.0889	.1047	-.0119	-.0087

MACH (1) = 1.402 TIME (8) = 323.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0072	.0435	.1192	.0808	-.0297	-.0152
2.8000			.0967	.0974		
6.2500	.0483	.0976			-.0853	-.0538
10.0600	.0220	.1090			-.1097	-.0543
14.6600	.0387	.0771			-.0681	-.0029
16.8600			.1015	.0816		
19.6600	.0463	.0393	.0896	.1034	-.0123	.0188

MACH (1) = 1.401 TIME (9) = 324.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0079	.0142	.1196	.0804	-.0295	-.0151
2.8000			.0969	.0973		
6.2500	.0492	.0703			-.0846	-.0525
10.0600	.0217	.1078			-.1120	-.0559
14.6600	.0387	.0759			-.0681	-.0323
16.8600			.1011	.0815		
19.6600	.0433	.0398	.0898	.1023	-.0130	-.0091

FRSI - DESIGN LIMIT (2ACS15)

MACH (1) = 1.403 TIME (10) = 325.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0072	.0140	.1210	.0819	-.0289	-.0138
2.8000			.0972	.0990		
6.2500	.0504	.0717			-.0823	-.0540
10.0600	.0232	.1087			-.1081	-.0530
14.6600	.0395	.0794			-.0668	-.0325
16.8600			.1026	.0816		
19.6600	.0461	.0412	.0904	.1042	-.0123	-.0090

MACH (1) = 1.402 TIME (11) = 326.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0074	.0148	.1206	.0812	-.0303	-.0157
2.8000			.0974	.0983		
6.2500	.0477	.0743			-.0841	-.0533
10.0600	.0228	.1094			-.1084	-.0538
14.6600	.0394	.0774			-.0637	-.0309
16.8600			.1021	.0830		
19.6600	.0460	.0400	.0895	.1035	-.0132	-.0081

FRSI - DESIGN LIMIT (1ACS16) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .897 TIME (1) = 418.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0068	.0161	.0287	-.0274	-.0118	.0216
2.8000			-.0108	-.0087		
6.2500	.0598	.0551			.0274	.0205
10.0600	.0361	.0792			.0166	.0200
14.6600	.0515	.0608			.0278	.0291
16.8600			.0074	-.0177		
19.6600	.0358	.0371	.0173	.0135	.0105	.0285

MACH (1) = .898 TIME (2) = 419.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0081	.0155	.0297	-.0276	-.0120	.0228
2.8000			-.0123	-.0109		
6.2500	.0568	.0519			.0290	.0206
10.0600	.0354	.0775			.0151	.0167
14.6600	.0508	.0600			.0258	.0282
16.8600			.0056	-.0211		
19.6600	.0380	.0387	.0202	.0164	.0134	.0307

MACH (1) = .897 TIME (3) = 420.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0102	.0141	.0273	-.0287	-.0127	.0208
2.8000			-.0137	-.0123		
6.2500	.0606	.0552			.0235	.0176
10.0600	.0383	.0807			.0195	.0215
14.6600	.0543	.0632			.0296	.0312
16.8600			.0093	-.0161		
19.6600	.0402	.0412	.0230	.0195	.0153	.0325

FRSI - DESIGN LIMIT (1ACS16)

MACH (1) = .896 TIME (4) = 421.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0071	.0168	.0255	-.0296	-.0142	.0184
2.8000			-.0097	-.0090		
6.2500	.0622	.0573			.0304	.0226
10.0600	.0394	.0838			.0223	.0232
14.6600	.0555	.0647			.0308	.0323
16.8600			.0101	-.0166		
19.6600	.0378	.0388	.0200	.0158	.0128	.0314

MACH (1) = .898 TIME (5) = 423.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0103	.0140	.0268	-.0288	-.0129	.0210
2.8000			-.0135	-.0124		
6.2500	.0584	.0535			.0246	.0177
10.0600	.0365	.0811			.0158	.0197
14.6600	.0531	.0631			.0288	.0304
16.8600			.0066	-.0201		
19.6600	.0435	.0445	.0261	.0223	.0177	.0355

MACH (1) = .896 TIME (6) = 424.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0085	.0151	.0313	-.0264	-.0108	.0244
2.8000			-.0118	-.0109		
6.2500	.0585	.0535			.0293	.0218
10.0600	.0384	.0827			.0192	.0215
14.6600	.0534	.0630			.0281	.0310
16.8600			.0087	-.0187		
19.6600	.0387	.0400	.0202	.0161	.0147	.0323

FRSI - DESIGN LIMIT (1ACS16)

MACH (1) = .898 TIME (7) = 425.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0099	.0141	.0282	-.0294	-.0134	.0218
2.8000			-.0131	-.0123		
6.2500	.0604	.0539			.0279	.0203
10.0600	.0378	.0804			.0181	.0211
14.6600	.0538	.0635			.0295	.0315
16.8600			.0089	-.0181		
19.6600	.0410	.0430	.0223	.0179	.0162	.0353

MACH (1) = .897 TIME (8) = 426.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0068	.0168	.0300	-.0266	-.0116	.0228
2.8000			-.0104	-.0093		
6.2500	.0588	.0525			.0274	.0205
10.0600	.0364	.0803			.0170	.0200
14.6600	.0521	.0627			.0288	.0313
16.8600			.0072	-.0202		
19.6600	.0409	.0419	.0228	.0190	.0161	.0332

MACH (1) = .897 TIME (9) = 427.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0078	.0155	.0272	-.0284	-.0143	.0190
2.8000			-.0117	-.0106		
6.2500	.0608	.0558			.0262	.0199
10.0600	.0394	.0854			.0203	.0229
14.6600	.0542	.0628			.0284	.0317
16.8600			.0097	-.0148		
19.6600	.0384	.0397	.0206	.0164	.0134	.0310

FRSI - DESIGN LIMIT (1ACS16)

MACH (1) = .897 TIME (10) = 428.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0085	.0145	.0261	-.0320	-.0160	.0183
2.8000			-.0127	-.0116		
6.2500	.0607	.0557			.0265	.0195
10.0600	.0384	.0821			.0202	.0218
14.6600	.0525	.0624			.0254	.0291
16.8600			.0074	-.0181		
19.6600	.0423	.0435	.0244	.0199	.0169	.0351

MACH (1) = .896 TIME (11) = 429.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0069	.0170	.0309	-.0259	-.0095	.0238
2.8000			-.0098	-.0084		
6.2500	.0612	.0554			.0284	.0209
10.0600	.0387	.0812			.0202	.0212
14.6600	.0503	.0580			.0249	.0262
16.8600			.0064	-.0181		
19.6600	.0371	.0384	.0199	.0158	-.0206	-.0029

MACH (2) = 1.104 TIME (1) = 454.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0098	.0546	.0524	-.0073	-.0253	.0244
2.8000			.0124	.0070		
6.2500	.0679	.0952			.0004	.0204
10.0600	.0463	.1236			-.0006	.0214
14.6600	.0583	.0987			.0065	.0299
16.8500			.0248	-.0040		
19.6600	.0463	.0702	.0341	.0292	-.0085	.0297

FRSI - DESIGN LIMIT (1ACS16)

MACH (2) = 1.103 TIME (2) = 455.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0085	.0527	.0512	-.0084	-.0251	.0243
2.8000			.0111	.0052		
6.2500	.0673	.0956			-.0008	.0190
10.0600	.0454	.1282			-.0009	.0213
14.6600	.0584	.1017			.0072	.0308
16.8600			.0255	-.0034		
19.6600	.0448	.0689	.0322	.0271	-.0101	.0274

MACH (2) = 1.103 TIME (3) = 456.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0088	.0540	.0500	-.0092	-.0222	.0212
2.8000			.0120	.0062		
6.2500	.0672	.0947			.0022	.0205
10.0600	.0467	.1238			.0003	.0226
14.6600	.0598	.1022			.0115	.0355
16.8600			.0268	-.0014		
19.6600	.0475	.0701	.0354	.0301	-.0044	.0330

MACH (2) = 1.103 TIME (4) = 457.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0080	.0540	.0486	-.0109	-.0287	.0188
2.8000			.0109	.0063		
6.2500	.0679	.0953			.0005	.0188
10.0600	.0464	.1272			.0017	.0235
14.6600	.0598	.0996			.0115	.0355
16.8600			.0262	-.0017		
19.6600	.0489	.0737	.0376	.0330	-.0022	.0377

FRSI - DESIGN LIMIT (IACS16)

MACH (2) = 1.104 TIME (5) = 458.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0082	.0527	.0518	-.0075	-.0251	.0242
2.8000			.0108	.0051		
6.2500	.0670	.0960			.0007	.0188
10.0600	.0452	.1282			-.0014	.0203
14.6600	.0576	.0992			.0071	.0283
16.8600			.0239	-.0044		
19.6600	.0457	.0701	.0334	.0278	-.0069	.0309

MACH (2) = 1.103 TIME (6) = 459.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0081	.0528	.0501	-.0092	-.0289	.0207
2.8000			.0106	.0049		
6.2500	.0687	.0983			-.0025	.0171
10.0600	.0468	.1320			.0028	.0246
14.6600	.0582	.1015			.0065	.0312
16.8600			.0255	-.0031		
19.6600	.0473	.0703	.0346	.0293	-.0041	.0340

MACH (2) = 1.103 TIME (7) = 500.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0092	.0545	.0499	-.0097	-.0291	.0211
2.8000			.0124	.0069		
6.2500	.0672	.0946			.0034	.0230
10.0600	.0463	.1252			.0010	.0230
14.6600	.0583	.0971			.0098	.0320
16.8600			.0250	-.0039		
19.6600	.0460	.0701	.0341	.0291	-.0067	.0317

FRSI - DESIGN LIMIT (1ACS16)

MACH (2) = 1.102 TIME (8) = 501.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0075	.0533	.0498	-.0088	-.0259	.0238
2.8000			.0114	.0063		
6.2500	.0677	.0949			.0022	.0217
10.0600	.0456	.1251			.0028	.0252
14.6600	.0557	.0963			.0056	.0275
16.8600			.0226	-.0061		
19.6600	.0456	.0699	.0331	.0280	-.0073	.0314

MACH (2) = 1.102 TIME (9) = 502.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0077	.0551	.0488	-.0104	-.0285	.0201
2.8000			.0116	.0065		
6.2500	.0674	.0958			-.0001	.0215
10.0600	.0455	.1276			.0027	.0251
14.6600	.0578	.0968			.0072	.0310
16.8600			.0245	-.0035		
19.6600	.0455	.0703	.0331	.0282	-.0082	.0304

MACH (2) = 1.103 TIME (10) = 503.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0090	.0529	.0490	-.0094	-.0295	.0189
2.8000			.0121	.0056		
6.2500	.0679	.0960			.0040	.0229
10.0600	.0457	.1287			.0005	.0233
14.6600	.0591	.1011			.0119	.0350
16.8600			.0264	-.0017		
19.6600	.0487	.0704	.0363	.0305	-.0018	.0363

FRSI - DESIGN LIMIT (IACS16)

MACH (2) = 1.104 TIME (11) = 504.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0083	.0515	.0502	-.0092	-.0289	.0195
2.8000			.0110	.0046		
6.2500	.0667	.0932			.0016	.0167
10.0600	.0458	.1217			-.0028	.0190
14.6600	.0579	.0973			.0075	.0297
16.8600			.0243	-.0040		
19.6600	.0466	.0714	.0346	.0292	-.0075	.0306

MACH (3) = 1.260 TIME (1) = 525.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0016	.0329	.0627	.0089	-.0265	.0090
2.8000			.0231	.0214		
6.2500	.0554	.0882			-.0055	.0039
10.0600	.0271	.1279			.0033	.0114
14.6600	.0448	.0946			.0083	.0265
16.8600			.0328	.0136		
19.6600	.0478	.0541	.0408	.0396	-.0047	.0217

MACH (3) = 1.258 TIME (2) = 526.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0023	.0308	.0623	.0081	-.0275	.0077
2.8000			.0229	.0228		
6.2500	.0545	.0873			-.0034	.0047
10.0600	.0261	.1254			.0009	.0106
14.6600	.0428	.0924			.0051	.0239
16.8600			.0309	.0097		
19.6600	.0480	.0538	.0396	.0387	-.0051	.0223

FRSI - DESIGN LIMIT (IACS16)

MACH (3) = 1.257 TIME (3) = 527.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0022	.0314	.0600	.0063	-.0250	.0089
2.8000			.0230	.0226		
6.2500	.0543	.0868			-.0083	.0027
10.0600	.0270	.1230			.0002	.0113
14.6600	.0440	.0938			.0089	.0269
16.8600			.0317	.0132		
19.6600	.0468	.0533	.0397	.0390	-.0058	.0213

MACH (3) = 1.255 TIME (4) = 528.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0030	.0317	.0599	.0060	-.0285	.0067
2.8000			.0214	.0210		
6.2500	.0522	.0855			-.0081	.0034
10.0600	.0251	.1220			-.0012	.0102
14.6600	.0429	.0922			.0090	.0255
16.8600			.0307	.0113		
19.6600	.0462	.0522	.0389	.0374	-.0061	.0213

MACH (3) = 1.257 TIME (5) = 529.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0018	.0323	.0616	.0077	-.0254	.0099
2.8000			.0221	.0207		
6.2500	.0539	.0861			-.0040	.0043
10.0600	.0271	.1210			-.0002	.0115
14.6600	.0431	.0925			.0081	.0257
16.8600			.0313	.0119		
19.6600	.0470	.0524	.0395	.0380	-.0056	.0209

FRSI - DESIGN LIMIT (IACS16)

MACH (3) = 1.256 TIME (6) = 530.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0034	.0305	.0606	.0067	-.0276	.0079
2.8000			.0213	.0212		
6.2500	.0534	.0859			-.0048	.0038
10.0600	.0247	.1235			-.0008	.0095
14.6600	.0423	.0916			.0087	.0260
16.8600			.0303	.0112		
19.6600	.0432	.0522	.0372	.0347	-.0073	.0187

MACH (3) = 1.256 TIME (7) = 531.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0024	.0313	.0611	.0078	-.0270	.0082
2.8000			.0226	.0217		
6.2500	.0539	.0870			-.0059	.0049
10.0600	.0255	.1253			.0011	.0116
14.6600	.0420	.0921			.0066	.0246
16.8600			.0308	.0101		
19.6600	.0450	.0513	.0377	.0373	-.0072	.0195

MACH (3) = 1.255 TIME (8) = 532.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0040	.0310	.0589	.0058	-.0288	.0057
2.8000			.0206	.0192		
6.2500	.0522	.0842			-.0054	.0045
10.0600	.0244	.1199			-.0022	.0094
14.6600	.0405	.0904			.0080	.0251
16.8600			.0291	.0093		
19.6600	.0434	.0507	.0366	.0351	-.0076	.0181

FRSI - DESIGN LIMIT (1ACS16)

MACH (3) = 1.255 TIME (9) = 533.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0037	.0305	.0587	.0056	-.0273	.0073
2.8000			.0202	.0187		
6.2500	.0518	.0843			-.0059	.0032
10.0600	.0236	.1221			-.0024	.0079
14.6600	.0409	.0912			.0058	.0238
16.8600			.0294	.0090		
19.6600	.0458	.0503	.0385	.0375	-.0073	.0200

MACH (3) = 1.255 TIME (10) = 534.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0046	.0303	.0581	.0047	-.0283	.0069
2.8000			.0195	.0183		
6.2500	.0514	.0850			-.0074	.0031
10.0600	.0251	.1217			.0009	.0104
14.6600	.0407	.0909			.0064	.0261
16.8600			.0298	.0089		
19.6600	.0449	.0507	.0381	.0361	-.0072	.0199

MACH (3) = 1.254 TIME (11) = 535.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0050	.0287	.0585	.0051	-.0289	.0053
2.8000			.0199	.0198		
6.2500	.0520	.0846			-.0059	.0019
10.0600	.0242	.1214			-.0010	.0090
14.6600	.0407	.0910			.0061	.0241
16.8600			.0287	.0099		
19.6600	.0437	.0503	.0364	.0344	-.0083	.0182

FRSI - DESIGN LIMIT (IACS16)

MACH (4) = 1.401 TIME (1) = 600.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0096	.0141	.0682	.0255	-.0121	.0163
2.8000			.0318	.0380		
6.2500	.0486	.0676			.0023	.0076
10.0600	.0205	.10$2			.0122	.0200
14.6600	.0373	.0750			.0172	.0349
16.8600			.0332	.0313		
19.6600	.0451	.0367	.0423	.0494	.0073	.0267

MACH (4) = 1.400 TIME (2) = 601.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0094	.0146	.0680	.0254	-.0113	.0166
2.8000			.0319	.0367		
6.2500	.0463	.0682			.0010	.0074
10.0600	.0195	.1062			.0128	.0187
14.6600	.0364	.0759			.0192	.0344
16.8600			.0323	.0304		
19.6600	.0448	.0364	.0419	.0492	.0065	.0265

MACH (4) = 1.399 TIME (3) = 602.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0115	.0105	.0655	.0232	-.0130	.0156
2.8000			.0300	.0378		
6.2500	.0453	.0671			.0004	.0052
10.0600	.0181	.1041			.0109	.0177
14.6600	.0350	.0728			.0182	.0343
16.8600			.0301	.0311		
19.6600	.0437	.0350	.0405	.0477	.0050	.0259

FRSI - DESIGN LIMIT (1ACS16)

MACH (4) = 1.401 TIME (4) = 603.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0096	.0136	.0688	.0263	-.0117	.0174
2.8000			.0323	.0398		
6.2500	.0465	.0678			.0044	.0086
10.0600	.0201	.1054			.0111	.0187
14.6600	.0365	.0733			.0178	.0351
16.8600			.0318	.0318		
19.6600	.0456	.0357	.0423	.0487	.0077	.0073

MACH (4) = 1.399 TIME (5) = 604.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0096	.0123	.0670	.0248	-.0115	.0159
2.8000			.0319	.0386		
6.2500	.0465	.0688			.0059	.0086
10.0600	.0199	.1058			.0118	.0193
14.6600	.0364	.0749			.0162	.0345
16.8600			.0321	.0305		
19.6600	.0459	.0362	.0421	.0483	.0058	.0260

MACH (4) = 1.398 TIME (6) = 605.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0110	.0111	.0663	.0247	-.0128	.0154
2.8000			.0312	.0376		
6.2500	.0459	.0665			.0019	.0067
10.0600	.0191	.1041			.0121	.0168
14.6600	.0359	.0731			.0198	.0348
16.8600			.0313	.0304		
19.6600	.0435	.0348	.0411	.0483	.0057	.0256

FRSI - DESIGN LIMIT (1ACS16)

MACH (4) = 1.399 TIME (7) = 606.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0102	.0120	.0687	.0266	-.0126	.0166
2.8000			.0318	.0390		
6.2500	.0480	.0666			.0035	.0076
10.0600	.0201	.1054			.0114	.0190
14.6600	.0365	.0742			.0174	.0355
16.8600			.0326	.0316		
19.6600	.0456	.0352	.0418	.0502	.0065	.0265

MACH (4) = 1.397 TIME (8) = 607.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0108	.0107	.0646	.0220	-.0130	.0146
2.8000			.0301	.0378		
6.2500	.0453	.0671			.0012	.0067
10.0600	.0184	.1042			.0118	.0191
14.6600	.0351	.0730			.0180	.0339
16.8600			.0303	.0306		
19.6600	.0417	.0340	.0403	.0482	.0054	.0249

MACH (4) = 1.399 TIME (9) = 608.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0107	.0116	.0663	.0241	-.0123	.0165
2.8000			.0317	.0389		
6.2500	.0440	.0691			.0029	.0064
10.0600	.0190	.1049			.0120	.0180
14.6600	.0356	.0741			.0166	.0340
16.8600			.0325	.0293		
19.6600	.0432	.0364	.0414	.0478	.0063	.0263

FRSI - DESIGN LIMIT (IACS16)

MACH (4) = 1.399 TIME (10) = 609.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0107	.0123	.0663	.0235	-.0122	.0166
2.8000			.0306	.0375		
6.2500	.0456	.0673			.0020	.0068
10.0600	.0189	.1049			.0125	.0190
14.6600	.0356	.0728			.0190	.0350
16.8600			.0304	.0311		
19.6600	.0429	.0353	.0408	.0477	.0053	.0252

MACH (4) = 1.399 TIME (11) = 610.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0111	.0119	.0649	.0223	-.0128	.0150
2.8000			.0304	.0367		
6.2500	.0446	.0674			.0008	.0067
10.0600	.0183	.1045			.0113	.0187
14.6600	.0349	.0739			.0188	.0346
16.8600			.0310	.0288		
19.6600	.0427	.0348	.0404	.0475	.0056	.0251

FRSI - DESIGN LIMIT (2ACS16) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .895 TIME (1) = 430.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0081	.0161	.0334	-.0248	-.0095	.0245
2.8000			-.0108	-.0093		
6.2500	.0600	.0549			.0295	.0219
10.0600	.0376	.0794			.0177	.0200
14.6600	.0527	.0610			.0283	.0301
16.8600			.0072	-.0193		
19.6600	.0379	.0395	.0184	.0152	.0132	.0320

MACH (1) = .896 TIME (2) = 431.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0105	.0136	.0252	-.0307	-.0153	.0187
2.8000			-.0130	-.0113		
6.2500	.0624	.0567			.0236	.0180
10.0600	.0397	.0809			.0203	.0226
14.6600	.0536	.0625			.0291	.0310
16.8600			.0078	-.0174		
19.6600	.0377	.0400	.0196	.0151	.0127	.0313

MACH (1) = .896 TIME (3) = 432.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0092	.0141	.0293	-.0282	-.0131	.0215
2.8000			-.0118	-.0097		
6.2500	.0598	.0541			.0229	.0182
10.0600	.0374	.0806			.0202	.0215
14.6600	.0538	.0644			.0274	.0309
16.8600			.0083	-.0194		
19.6600	.0358	.0367	.0172	.0131	.0101	.0281

FRSI - DESIGN LIMIT (2ACS16)

MACH (1) = .897 TIME (4) = 433.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0089	.0151	.0273	-.0288	-.0131	.0209
2.8000			-.0121	-.0104		
6.2500	.0630	.0576			.0254	.0189
10.0600	.0393	.0856			.0208	.0234
14.6600	.0522	.0624			.0271	.0294
16.8600			.0058	-.0210		
19.6600	.0364	.0380	.0179	.0135	.0114	.0294

MACH (1) = .897 TIME (5) = 434.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0084	.0153	.0301	-.0251	-.0103	.0233
2.8000			-.0116	-.0099		
6.2500	.0595	.0533			.0272	.0206
10.0600	.0372	.0776			.0181	.0201
14.6600	.0552	.0657			.0278	.0305
16.8600			.0095	-.0176		
19.6600	.0397	.0413	.0210	.0165	.0141	.0327

MACH (1) = .897 TIME (6) = 435.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0110	.0120	.0253	-.0313	-.0159	.0184
2.8000			-.0146	-.0128		
6.2500	.0593	.0542			.0230	.0164
10.0600	.0372	.0793			.0184	.0204
14.6600	.0526	.0606			.0279	.0295
16.8600			.0069	-.0183		
19.6600	.0420	.0430	.0239	.0197	.0171	.0349

FRSI - DESIGN LIMIT (2ACS16)

MACH (1) = .898 TIME (7) = 436.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0098	.0152	.0271	-.0299	-.0136	.0202
2.8000			-.0123	-.0118		
6.2500	.0602	.0543			.0280	.0215
10.0600	.0389	.0822			.0195	.0212
14.6600	.0524	.0607			.0270	.0300
16.8600			.0065	-.0189		
19.6600	.0415	.0424	.0237	.0206	.0169	.0341

MACH (1) = .898 TIME (8) = 437.000 RN/L = 4.0406 TTF = 86.660

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0067	.0166	.0275	-.0259	-.0109	.0214
2.8000			-.0106	-.0088		
6.2500	.0611	.0557			.0252	.0203
10.0600	.0374	.0830			.0191	.0211
14.6600	.0526	.0609			.0243	.0273
16.8600			.0079	-.0175		
19.6600	.0352	.0352	.0191	.0153	.0099	-.0059

MACH (1) = .896 TIME (9) = 438.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0094	.0143	.0288	-.0300	-.0136	.0217
2.8000			-.0130	-.0112		
6.2500	.0625	.0571			.0256	.0187
10.0600	.0338	.0829			.0226	.0242
14.6600	.0549	.0648			.0298	.0320
16.8600			.0095	-.0167		
19.6600	.0417	.0427	.0236	.0194	.0164	.0343

FRSI - DESIGN LIMIT (2ACS16)

MACH (1) = .898 TIME (10) = 439.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0114	.0123	.0284	-.0284	-.0121	.0222
2.8000			-.0146	-.0132		
6.2500	.0581	.0535			.0236	.0166
10.0600	.0364	.0817			.0163	.0183
14.6600	.0518	.0614			.0261	.0288
16.8600			.0068	-.0190		
19.6600	.0351	.0361	.0183	.0138	.0108	.0278

MACH (1) = .898 TIME (11) = 441.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0107	.0130	.0281	-.0302	-.0136	.0210
2.8000			-.0145	-.0137		
6.2500	.0603	.0544			.0255	.0180
10.0600	.0377	.0829			.0177	.0203
14.6600	.0537	.0633			.0304	.0317
16.8600			.0091	-.0179		
19.6600	.0383	.0393	.0206	.0171	.0138	.0317

MACH (2) = 1.101 TIME (1) = 505.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0056	.0508	.0495	-.0084	-.0258	.0257
2.8000			.0092	.0029		
6.2500	.0666	.0944			.0008	.0201
10.0600	.0442	.1237			.0026	.0254
14.6600	.0560	.0967			.0099	.0315
16.8600			.0238	-.0054		
19.6600	.0448	.0688	.0334	.0282	-.0074	.0326

FRSI - DESIGN LIMIT (2ACS16)

MACH (2) = 1.103 TIME (2) = 506.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0081	.0526	.0510	-.0077	-.0258	.0247
2.8000			.0118	.0058		
6.2500	.0663	.0970			.0031	.0217
10.0600	.0441	.1275			-.0002	.0222
14.6600	.0582	.0996			.0108	.0327
16.8600			.0250	-.0032		
19.6600	.0452	.0671	.0340	.0275	-.0043	.0316

MACH (2) = 1.102 TIME (3) = 507.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0103	.0539	.0486	-.0085	-.0268	.0239
2.8000			.0130	.0084		
6.2500	.0669	.0926			.0051	.0277
10.0600	.0452	.1250			.0044	.0275
14.6600	.0564	.0980			.0060	.0309
16.8600			.0239	-.0044		
19.6600	.0441	.0674	.0328	.0272	-.0054	.0326

MACH (2) = 1.103 TIME (4) = 508.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0082	.0515	.0493	-.0090	-.0272	.0226
2.8000			.0114	.0048		
6.2500	.0672	.0936			.0057	.0223
10.0600	.0455	.1247			.0028	.0242
14.6600	.0584	.0991			.0093	.0352
16.8600			.0258	-.0018		
19.6600	.0482	.0715	.0359	.0303	-.0023	.0372

FRSI - DESIGN LIMIT (2ACS16)

MACH (2) = 1.102 TIME (5) = 509.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0091	.0541	.0474	-.0118	-.0303	.0179
2.8000			.0123	.0068		
6.2500	.0676	.0956			.0051	.0237
10.0600	.0461	.1259			.0037	.0268
14.6600	.0568	.1028			.0080	.0311
16.8600			.0239	-.0037		
19.6600	.0455	.0711	.0343	.0290	-.0071	.0330

MACH (2) = 1.101 TIME (6) = 510.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0068	.0521	.0491	-.0099	-.0276	.0230
2.8000			.0108	.0047		
6.2500	.0651	.0875			.0034	.0212
10.0600	.0447	.1168			.0021	.0233
14.6600	.0567	.0991			.0063	.0311
16.8600			.0236	-.0035		
19.6600	.0449	.0697	.0336	.0283	-.0064	.0330

MACH (2) = 1.103 TIME (7) = 511.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0085	.0538	.0497	-.0097	-.0305	.0187
2.8000			.0120	.0062		
6.2500	.0680	.0917			.0011	.0202
10.0600	.0469	.1165			.0017	.0231
14.6600	.0592	.0982			.0110	.0342
16.8600			.0273	-.0011		
19.6600	.0483	.0730	.0367	.0320	-.0028	.0373

FRSI - DESIGN LIMIT (2ACS16)

MACH (2) = 1.102 TIME (8) = 512.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0072	.0520	.0491	-.0096	-.0282	.0214
2.8000			.0107	.0054		
6.2500	.0676	.0972			.0032	.0198
10.0600	.0450	.1275			.0007	.0245
14.6600	.0580	.0974			.0075	.0324
16.8600			.0254	-.0032		
19.6600	.0472	.0710	.0366	.0303	-.0006	.0380

MACH (2) = 1.101 TIME (9) = 513.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0056	.0508	.0473	-.0122	-.0310	.0191
2.8000			.0079	.0019		
6.2500	.0668	.0929			-.0041	.0177
10.0600	.0449	.1218			.0029	.0252
14.6600	.0558	.0965			.0069	.0309
16.8600			.0233	-.0045		
19.6600	.0462	.0697	.0346	.0296	-.0041	.0362

MACH (2) = 1.104 TIME (10) = 514.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0088	.0530	.0511	-.0090	-.0289	.0217
2.8000			.0120	.0054		
6.2500	.0678	.0947			.0011	.0195
10.0600	.0466	.1229			.0006	.0228
14.6600	.0584	.1012			.0059	.0303
16.8600			.0254	-.0029		
19.6600	.0464	.0712	.0342	.0298	-.0071	.0325

FRSI - DESIGN LIMIT (2ACS16)

MACH (2) = 1.102 TIME (11) = 515.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	.0086	.0519	.0498	-.0090	-.0289	.0218
2.8000			.0111	.0055		
6.2500	.0563	.0954			.0020	.0203
10.0600	.0443	.1269			-.0008	.0224
14.6600	.0576	.1012			.0091	.0334
16.8600			.0252	-.0029		
19.6600	.0457	.0688	.0342	.0288	-.0041	.0350

MACH (3) = 1.254 TIME (1) = 536.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0047	.0291	.0579	.0040	-.0281	.0076
2.8000			.0204	.0192		
6.2500	.0510	.0843			-.0101	.0008
10.0600	.0239	.1221			-.0011	.0089
14.6600	.0401	.0901			.0050	.0238
16.8600			.0286	.0069		
19.6600	.0434	.0500	.0371	.0356	-.0078	.0187

MACH (3) = 1.256 TIME (2) = 537.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0029	.0323	.0594	.0067	-.0270	.0073
2.8000			.0215	.0197		
6.2500	.0525	.0858			-.0059	.0048
10.0600	.0257	.1217			-.0005	.0102
14.6600	.0427	.0925			.0076	.0261
16.8600			.0302	.0114		
19.6600	.0431	.0518	.0379	.0361	-.0067	.0195

FRSI - DESIGN LIMIT (2ACS16)

MACH (3) = 1.257 TIME (3) = 538.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0030	.0297	.0601	.0060	-.0264	.0074
2.8000			.0226	.0220		
6.2500	.0542	.0866			-.0084	.0020
10.0600	.0266	.1244			.0020	.0103
14.6600	.0436	.0931			.0093	.0265
16.8600			.0311	.0112		
19.6600	.0453	.0529	.0393	.0370	-.0056	.0203

MACH (3) = 1.257 TIME (4) = 539.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0028	.0311	.0615	.0078	-.0265	.0103
2.8000			.0221	.0220		
6.2500	.0543	.0876			-.0050	.0047
10.0600	.0261	.1265			.0006	.0109
14.6600	.0426	.0930			.0080	.0260
16.8600			.0306	.0121		
19.6600	.0459	.0520	.0386	.0368	-.0071	.0196

MACH (3) = 1.256 TIME (5) = 540.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0031	.0306	.0610	.0076	-.0275	.0074
2.8000			.0221	.0212		
6.2500	.0543	.0868			-.0045	.0041
10.0600	.0256	.1236			-.0007	.0111
14.6600	.0429	.0927			.0085	.0268
16.8600			.0306	.0107		
19.6600	.0454	.0522	.0389	.0363	-.0075	.0196

FRSI - DESIGN LIMIT (2ACS16)

MACH (3) = 1.256 TIME (6) = 541.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0036	.0297	.0598	.0064	-.0265	.0084
2.8000			.0215	.0211		
6.2500	.0539	.0849			-.0070	.0027
10.0600	.0247	.1214			-.0021	.0087
14.6600	.0423	.0926			.0066	.0254
16.8500			.0303	.0109		
19.6600	.0461	.0514	.0391	.0381	-.0059	.0206

MACH (3) = 1.256 TIME (7) = 542.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0028	.0314	.0602	.0060	-.0281	.0072
2.8000			.0216	.0204		
6.2500	.0532	.0855			-.0069	.0030
10.0600	.0259	.1196			-.0028	.0098
14.6600	.0426	.0924			.0090	.0260
16.8600			.0306	.0123		
19.6600	.0443	.0517	.0381	.0366	-.0072	.0196

MACH (3) = 1.257 TIME (8) = 543.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0025	.0316	.0609	.0078	-.0272	.0074
2.8000			.0221	.0212		
6.2500	.0545	.0870			-.0079	.0025
10.0600	.0258	.1242			-.0010	.0095
14.6600	.0433	.0924			.0083	.0255
16.8600			.0300	.0105		
19.6600	.0453	.0532	.0386	.0370	-.0064	.0198

FRSI - DESIGN LIMIT (2ACS16)

MACH (3) = 1.256 TIME (9) = 544.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0030	.0304	.0605	.0063	-.0274	.0081
2.8000			.0219	.0210		
6.2500	.0538	.0866			-.0055	.0039
10.0600	.0254	.1237			-.0006	.0099
14.6600	.0424	.0928			.0052	.0245
16.8600			.0304	.0105		
19.6600	.0449	.0520	.0387	.0366	-.0066	.0202

MACH (3) = 1.255 TIME (10) = 545.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0034	.0308	.0608	.0072	-.0281	.0079
2.8000			.0207	.0201		
6.2500	.0520	.0848			-.0062	.0035
10.0600	.0247	.1224			-.0011	.0097
14.6600	.0414	.0910			.0079	.0262
16.8600			.0294	.0096		
19.6600	.0458	.0503	.0385	.0373	-.0070	.0195

MACH (3) = 1.256 TIME (11) = 546.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0040	.0294	.0606	.0064	-.0279	.0076
2.8000			.0207	.0203		
6.2500	.0524	.0857			-.0051	.0038
10.0600	.0247	.1239			.0003	.0097
14.6600	.0409	.0906			.0035	.0227
16.8600			.0290	.0085		
19.6600	.0435	.0516	.0367	.0346	-.0076	.0192

FRSI - DESIGN LIMIT (2ACS16)

MACH (4) = 1.401 TIME (1) = 611.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0097	.0124	.0689	.0264	-.0115	.0169
2.8000			.0325	.0386		
6.2500	.0470	.0679			.0015	.0066
10.0600	.0205	.1059			.0121	.0201
14.6600	.0370	.0752			.0174	.0346
16.8600			.0317	.0319		
19.6600	.0453	.0361	.0425	.0498	.0073	.0269

MACH (4) = 1.400 TIME (2) = 612.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0097	.0133	.0666	.0247	-.0115	.0170
2.8000			.0320	.0392		
6.2500	.0471	.0680			.0020	.0088
10.0600	.0195	.1050			.0121	.0194
14.6600	.0364	.0742			.0190	.0357
16.8600			.0322	.0307		
19.6600	.0447	.0351	.0417	.0494	.0063	.0257

MACH (4) = 1.401 TIME (3) = 613.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0093	.0122	.0684	.0266	-.0110	.0173
2.8000			.0327	.0400		
6.2500	.0481	.0674			.0065	.0091
10.0600	.0206	.1060			.0115	.0197
14.6600	.0369	.0755			.0180	.0351
16.8600			.0320	.0310		
19.6600	.0463	.0357	.0424	.0500	.0074	.0272

FRSI - DESIGN LIMIT (2ACS16)

MACH (4) = 1.400 TIME (4) = 614.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0095	.0132	.0681	.0261	-.0111	.0179
2.8000			.0318	.0383		
6.2500	.0459	.0689			.0020	.0066
10.0600	.0200	.1056			.0124	.0187
14.6600	.0363	.0751			.0166	.0348
16.8600			.0327	.0298		
19.6600	.0465	.0355	.0423	.0500	.0064	.0266

MACH (4) = 1.401 TIME (5) = 616.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0090	.0133	.0680	.0255	-.0116	.0173
2.8000			.0329	.0397		
6.2500	.0487	.0690			.0050	.0088
10.0600	.0212	.1058			.0133	.0204
14.6600	.0379	.0755			.0211	.0365
16.8600			.0339	.0315		
19.6600	.0469	.0359	.0439	.0512	.0077	.0270

MACH (4) = 1.400 TIME (6) = 617.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0089	.0445	.0679	.0260	-.0107	.0178
2.8000			.0325	.0400		
6.2500	.0485	.0973			.0019	.0077
10.0600	.0206	.1067			.0126	.0199
14.6600	.0372	.0765			.0190	.0654
16.8600			.0331	.0312		
19.6600	.0458	.0369	.0430	.0504	.0078	.0586

FRSI - DESIGN LIMIT (2ACS16)

MACH (4) = 1.401 TIME (7) = 618.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0089	.0132	.0688	.0264	-.0110	.0172
2.8000			.0332	.0409		
6.2500	.0483	.0702			.0027	.0079
10.0600	.0209	.1074			.0133	.0201
14.6600	.0382	.0751			.0220	.0375
16.8600			.0332	.0324		
19.6600	.0449	.0382	.0434	.0503	.0078	.0283

MACH (4) = 1.398 TIME (8) = 619.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0105	.0131	.0654	.0234	-.0121	.0146
2.8000			.0306	.0363		
6.2500	.0464	.0672			.0009	.0060
10.0600	.0191	.1045			.0112	.0185
14.6600	.0361	.0739			.0183	.0348
16.8600			.0321	.0297		
19.6600	.0425	.0354	.0411	.0472	.0059	.0255

MACH (4) = 1.400 TIME (9) = 620.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0096	.0119	.0676	.0253	-.0124	.0160
2.8000			.0319	.0395		
6.2500	.0478	.0678			.0023	.0066
10.0600	.0200	.1053			.0122	.0191
14.6600	.0368	.0745			.0179	.0356
16.8600			.0327	.0300		
19.6600	.0449	.0371	.0429	.0497	.0076	.0277

FRSI - DESIGN LIMIT (2ACS16)

MACH (4) = 1.401 TIME (10) = 621.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0086	.0138	.0684	.0263	-.0115	.0178
2.8000			.0330	.0400		
6.2500	.0489	.0685			.0018	.0083
10.0600	.0210	.1067			.0134	.0202
14.6600	.0378	.0763			.0200	.0360
16.8600			.0338	.0317		
19.6600	.0465	.0375	.0433	.0499	.0081	.0281

MACH (4) = 1.399 TIME (11) = 622.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI PANEL SURFACE DEPENDENT VARIABLE CP

X	6.0000	10.4400	19.0000	25.0000	33.5600	38.0000
Z						
1.2500	-.0099	.0136	.0677	.0251	-.0126	.0153
2.8000			.0321	.0378		
6.2500	.0465	.0677			.0035	.0071
10.0600	.0199	.1049			.0133	.0190
14.6600	.0360	.0744			.0162	.0337
16.8600			.0334	.0280		
19.6600	.0420	.0355	.0415	.0475	.0053	.0252

FRSI - STS-1 LIMIT (RACE08) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .039 MACH (1) = .938 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0395	-.0397	-.0376	-.0638	-.0130	.1396	.2592	.1914	-.0207	-.0690	-.0358	-.0388

WA (1) = .038 MACH (2) = 1.067 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0112	-.0116	-.0122	-.0335	.0210	.2090	.3524	.2359	.0077	-.0386	-.0116	-.0099

WA (1) = .035 MACH (3) = 1.142 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0179	.0176	.0158	.0019	.0486	.2122	.3520	.2322	.0435	-.0019	.0195	.0193

WA (1) = .035 MACH (4) = 1.186 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0163	.0157	.0130	.0064	.0439	.2107	.3344	.2399	.0418	.0052	.0166	.0180

FRSI - STS-1 LIMIT (RACE08)

WA (1) = .033 MACH (5) = 1.231 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0054	.0047	.0013	-.0030	.0301	.1908	.3294	.2134	.0237	-.0129	.0075	.0080

WA (1) = .031 MACH (6) = 1.261 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0027	-.0030	-.0072	-.0116	.0179	.1923	.3239	.2066	.0167	-.0192	-.0005	-.0001

WA (1) = .030 MACH (7) = 1.344 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0367	.0354	.0304	.0298	.0591	.2348	.3774	.2519	.0571	.0208	.0363	.0392

WA (1) = .030 MACH (8) = 1.376 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0346	.0334	.0280	.0293	.0598	.2246	.3645	.2246	.0576	.0216	.0342	.0371

WA (1) = .027 MACH (9) = 1.410 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0319	.0307	.0223	.0268	.0549	.2231	.3629	.2304	.0570	.0234	.0322	.0345

FRSI - STS-1 ULTIMATE (RACE09) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .056 MACH (1) = 1.058 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0280	-.0284	-.0293	-.0502	-.0045	.2059	.3344	.2276	-.0100	-.0523	-.0259	-.0266

WA (1) = .048 MACH (2) = 1.130 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0053	.0039	.0037	-.0105	.0278	.2023	.3415	.2075	.0239	-.0171	.0036	.0069

WA (1) = .044 MACH (3) = 1.226 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0273	.0264	.0240	.0186	.0508	.2061	.3267	.2333	.0403	.0096	.0267	.0303

WA (1) = .043 MACH (4) = 1.276 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0248	.0231	.0204	.0152	.0447	.2203	.3603	.2369	.0405	.0036	.0235	.0279

FRSI - STS-1 ULTIMATE (RACE09)

WA (1) = .039 MACH (5) = 1.335 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0360	.0342	.0294	.0276	.0548	.2327	.3724	.2551	.0544	.0175	.0349	.0391

WA (1) = .038 MACH (6) = 1.370 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0270	.0257	.0200	.0215	.0488	.2087	.3631	.2216	.0438	.0126	.0262	.0312

WA (1) = .036 MACH (7) = 1.400 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0237	.0221	.0134	.0188	.0460	.2069	.3524	.2256	.0466	.0155	.0241	.0278

FRSI - DESIGN ULTIMATE (RACE10) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .072 MACH (1) = .966 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0395	-.0403	-.0288	-.0671	-.0155	.1424	.2842	.1691	-.0282	-.0787	-.0416	-.0406

WA (1) = .055 MACH (2) = 1.095 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0157	-.0161	-.0134	-.0391	.0099	.1772	.3188	.2016	.0031	-.0393	-.0146	-.0164

WA (1) = .053 MACH (3) = 1.124 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0104	-.0108	-.0064	-.0286	.0118	.1791	.3333	.2289	.0045	-.0267	-.0102	-.0110

WA (1) = .052 MACH (4) = 1.242 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0013	.0006	.0049	-.0120	.0198	.1955	.3361	.2068	.0176	-.0187	.0013	.0012

FRSI - DESIGN ULTIMATE (RACE10)

WA (1) = .048 MACH (5) = 1.274 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0001	-.0003	.0034	-.0112	.0202	.1933	.3509	.2114	.0156	-.0185	.0003	.0008

WA (1) = .046 MACH (6) = 1.357 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0348	.0338	.0370	.0248	.0544	.2294	.3829	.2469	.0513	.0188	.0348	.0353

WA (1) = .046 MACH (7) = 1.378 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0309	.0300	.0324	.0213	.0492	.2191	.3791	.2414	.0487	.0180	.0311	.0319

WA (1) = .043 MACH (8) = 1.404 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0266	.0257	.0258	.0184	.0478	.2116	.3648	.2340	.0470	.0171	.0279	.0275

FRSI - DESIGN LIMIT (RACE11) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .901 TIME (1) = 2245.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0402	-.0402	-.0327	-.0601	-.0160	.1399	.2614	.1745	-.0322	-.0699	-.0386	-.0402

MACH (1) = .901 TIME (2) = 2246.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0375	-.0373	-.0321	-.0604	-.0150	.1381	.2535	.1772	-.0280	-.0644	-.0345	-.0373

MACH (1) = .901 TIME (3) = 2247.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0394	-.0398	-.0354	-.0635	-.0183	.1409	.2624	.1776	-.0267	-.0647	-.0350	-.0397

MACH (1) = .902 TIME (4) = 2248.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0385	-.0387	-.0345	-.0643	-.0175	.1446	.2529	.1782	-.0224	-.0601	-.0305	-.0384

FRSI - DESIGN LIMIT (RACE11)

MACH (1) = .906 TIME (5) = 2249.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0371	-.0380	-.0385	-.0665	-.0143	.1480	.2431	.1937	-.0176	-.0566	-.0282	-.0376

MACH (2) = 1.104 TIME (1) = 2257.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0146	-.0157	-.0153	-.0348	.0119	.1779	.3023	.1998	.0067	-.0367	-.0140	-.0141

MACH (2) = 1.109 TIME (2) = 2258.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0152	-.0153	-.0120	-.0341	.0105	.1872	.3226	.1985	.0061	-.0376	-.0137	-.0145

MACH (2) = 1.108 TIME (3) = 2259.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0125	-.0133	-.0124	-.0324	.0124	.1722	.3198	.2001	.0085	-.0350	-.0122	-.0119

MACH (2) = 1.104 TIME (4) = 2300.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0136	-.0144	-.0147	-.0346	.0131	.1745	.3076	.1909	.0052	-.0356	-.0125	-.0130

FRSI - DESIGN LIMIT (RACE11)

CH (2) = 1.103 TIME (5) = 2301.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0147	-.0155	-.0150	-.0383	.0118	.1747	.3132	.2021	.0049	-.0382	-.0131	-.0144

MACH (3) = 1.257 TIME (1) = 2304.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0051	-.0056	-.0087	-.0151	.0160	.1943	.3207	.2016	.0122	-.0235	-.0040	-.0022

MACH (3) = 1.251 TIME (2) = 2305.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0094	-.0100	-.0127	-.0198	.0127	.1914	.3124	.2030	.0092	-.0277	-.0076	-.0069

MACH (3) = 1.253 TIME (3) = 2306.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0080	-.0090	-.0107	-.0179	.0129	.1787	.3107	.2020	.0090	-.0264	-.0064	-.0061

MACH (3) = 1.256 TIME (4) = 2307.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0062	-.0074	-.0094	-.0155	.0139	.1890	.3199	.1941	.0100	-.0243	-.0053	-.0036

FRSI - DESIGN LIMIT (RACE11)

MACH (3) = 1.254 TIME (5) = 2308.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0066	-.0075	-.0095	-.0160	.0141	.1779	.2992	.2076	.0091	-.0244	-.0041	-.0042

MACH (4) = 1.409 TIME (1) = 2313.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0162	.0147	.0084	.0120	.0408	.1903	.3410	.2119	.0392	.0076	.0163	.0191

MACH (4) = 1.410 TIME (2) = 2314.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0150	.0138	.0079	.0100	.0396	.1904	.3396	.2072	.0385	.0074	.0148	.0184

MACH (4) = 1.409 TIME (3) = 2315.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0163	.0156	.0095	.0128	.0408	.1834	.3365	.2150	.0400	.0100	.0166	.0199

MACH (4) = 1.407 TIME (4) = 2316.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0150	.0135	.0075	.0120	.0387	.1943	.3427	.2092	.0397	.0084	.0150	.0185

FRSI - DESIGN LIMIT (RACE11)

MACH (4) = 1.408 TIME (5) = 2317.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE												
1.00000	.0150	.0132	.0078	.0117	.0382	.1875	.3410	.2087	.0379	.0079	.0145	.0183

FRSI - DESIGN LIMIT (IACE12) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 5.600

MACH (1) = .899 TIME (1) = 118.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.2071	.2084	.2119	.1794	.0098	.0013	.1617	-.0306	-.0499	.1866	.2104	.1958

MACH (1) = .899 TIME (2) = 119.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.2048	.2064	.2109	.1780	.0051	-.0003	.1577	-.0367	-.0560	.1834	.2090	.1942

MACH (1) = .899 TIME (3) = 120.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.2027	.2036	.2050	.1740	.0129	.0023	.1620	-.0262	-.0410	.1839	.2068	.1913

MACH (1) = .899 TIME (4) = 121.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.2040	.2056	.2111	.1794	.0133	.0076	.1626	-.0246	-.0416	.1854	.2082	.1933

FRSI - DESIGN LIMIT (1ACE12)

MACH (1) = .899 TIME (5) = 122.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.2031	.2056	.2094	.1776	.0087	-.0008	.1583	-.0326	-.0400	.1843	.2065	.1927

MACH (1) = .901 TIME (6) = 123.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1988	.2012	.2076	.1759	.0159	.0051	.1566	-.0257	-.0401	.1832	.2057	.1894

MACH (1) = .900 TIME (7) = 124.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.2005	.2027	.2069	.1766	.0102	.0087	.1585	-.0234	-.0446	.1820	.2043	.1905

MACH (1) = .898 TIME (8) = 125.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.2038	.2054	.2035	.1719	.0122	.0058	.1602	-.0385	-.0407	.1829	.2077	.1925

MACH (1) = .899 TIME (9) = 126.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.2005	.2023	.2086	.1786	.0094	-.0002	.1555	-.0361	-.0489	.1791	.2023	.1898

FRSI = DESIGN LIMIT (1ACE12)

MACH (1) = .899 TIME (10) = 127.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.2002	.2012	.2066	.1741	.0072	.0025	.1591	-.0409	-.0485	.1834	.2073	.1890

MACH (1) = .900 TIME (11) = 128.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.2030	.2056	.2066	.1751	.0113	.0028	.1600	-.0262	-.0421	.1842	.2065	.1922

FRSI - DESIGN LIMIT (2ACE12) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 5.600

MACH (1) = .896 TIME (1) = 129.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.2045	.2064	.2071	.1747	.0106	.0047	.1607	-.0454	-.0538	.1820	.2073	.1937

MACH (1) = .898 TIME (2) = 130.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1999	.2013	.2058	.1755	-.0008	-.0075	.1581	-.0375	-.0583	.1777	.2022	.1894

MACH (1) = .899 TIME (3) = 131.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.2027	.2046	.2118	.1804	.0101	.0047	.1579	-.0304	-.0436	.1829	.2062	.1918

MACH (1) = .898 TIME (4) = 132.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.2023	.2042	.2097	.1776	.0077	.0033	.1561	-.0376	-.0462	.1812	.2039	.1916

FRSI - DESIGN LIMIT (2ACE12)

MACH (1) = .898 TIME (5) = 133.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1995	.2025	.2090	.1770	.0102	.0031	.1574	-.0316	-.0439	.1825	.2063	.1546

MACH (1) = .898 TIME (6) = 134.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.2014	.2023	.2088	.1771	.0100	.0024	.1585	-.0186	-.0401	.1806	.2039	.1904

MACH (1) = .898 TIME (7) = 135.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1971	.1984	.2052	.1743	.0029	-.0054	.1556	-.0408	-.0453	.1805	.2045	.1866

MACH (1) = .896 TIME (8) = 136.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1998	.2017	.2086	.1765	.0094	.0027	.1553	-.0205	-.0489	.1815	.2049	.1892

MACH (1) = .898 TIME (9) = 137.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.2033	.2050	.2110	.1786	.0125	.0052	.1598	-.0273	-.0444	.1808	.2056	.1916

FRSI - DESIGN LIMIT (2ACE12)

MACH (1) = .898 TIME (10) = 138.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE												
1.00000	.1990	.2010	.2040	.1725	.0078	-.0059	.1557	-.0337	-.0423	.1800	.2052	.1886

MACH (1) = .899 TIME (11) = 139.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE												
1.00000	.2030	.2051	.2123	.1803	.0103	.0062	.1604	-.0295	-.0468	.1835	.2077	.1926

FRSI - DESIGN LIMIT (IACE13) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.730

MACH (1) = 1.104 TIME (1) = 153.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0931	.0928	.0915	.0817	.0886	.1044	.1544	.0999	.0820	.0841	.0833	.0932

MACH (1) = 1.104 TIME (2) = 155.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0925	.0919	.0928	.0830	.0855	.0991	.1465	.0955	.0820	.0835	.0932	.0923

MACH (1) = 1.100 TIME (3) = 156.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0906	.0902	.0905	.0811	.0831	.0972	.1589	.0831	.0753	.0802	.0889	.0907

MACH (1) = 1.101 TIME (4) = 157.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0934	.0929	.0920	.0817	.0865	.0964	.1441	.1028	.0839	.0842	.0937	.0935

FRSI - DESIGN LIMIT (1ACE13)

MACH (1) = 1.102 TIME (5) = 158.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0860	.0855	.0853	.0737	.0830	.1046	.1607	.0930	.0721	.0737	.0861	.0858

MACH (1) = 1.102 TIME (6) = 159.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0842	.0836	.0832	.0716	.0750	.0853	.1549	.1041	.0784	.0741	.0850	.0842

MACH (1) = 1.101 TIME (7) = 200.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0863	.0858	.0884	.0759	.0741	.0873	.1368	.0965	.0802	.0801	.0908	.0863

MACH (1) = 1.103 TIME (8) = 201.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0922	.0916	.0926	.0825	.0863	.1008	.1528	.0880	.0753	.0799	.0908	.0923

MACH (1) = 1.102 TIME (9) = 202.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0923	.0920	.0950	.0849	.0768	.0851	.1341	.0871	.0773	.0823	.0926	.0922

FRSI - DESIGN LIMIT (IACE13)

MACH (1) = 1.102 TIME (10) = 203.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0924	.0918	.0945	.0845	.0833	.0933	.1480	.0839	.0747	.0816	.0910	.0923

MACH (1) = 1.102 TIME (11) = 204.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0921	.0918	.0947	.0841	.0838	.0910	.1525	.0913	.0777	.0815	.0921	.0920

FRSI - DESIGN LIMIT (2ACE13) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.730

MACH (1) = 1.101 TIME (1) = 205.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0925	.0919	.0909	.0797	.0831	.0964	.1398	.0861	.0778	.0847	.0944	.0926

MACH (1) = 1.103 TIME (2) = 206.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0946	.0942	.0943	.0839	.0896	.1023	.1448	.0946	.0793	.0826	.0936	.0946

MACH (1) = 1.103 TIME (3) = 207.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0924	.0918	.0926	.0830	.0854	.0982	.1493	.0926	.0794	.0832	.0924	.0925

MACH (1) = 1.103 TIME (4) = 209.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0933	.0931	.0943	.0850	.0869	.1031	.1521	.0897	.0758	.0814	.0919	.0932

FRSI - DESIGN LIMIT (2ACE13)

MACH (1) = 1.103 TIME (5) = 210.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0925	.0921	.0926	.0821	.0819	.0972	.1429	.0908	.0783	.0838	.0935	.0925

MACH (1) = 1.102 TIME (6) = 211.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0931	.0928	.0943	.0845	.0887	.1051	.1501	.0895	.0773	.0811	.0912	.0933

MACH (1) = 1.102 TIME (7) = 212.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0932	.0924	.0944	.0858	.0849	.0968	.1448	.0874	.0765	.0823	.0926	.0931

MACH (1) = 1.104 TIME (8) = 213.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0937	.0934	.0946	.0865	.0879	.1023	.1593	.0932	.0793	.0831	.0934	.0936

MACH (1) = 1.103 TIME (9) = 214.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0971	.0965	.0968	.0867	.0929	.1082	.1519	.1023	.0857	.0857	.0949	.0970

FRSI - DESIGN LIMIT (2ACE13)

MACH (1) = 1.106 TIME (10) = 215.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0985	.0981	.0980	.0881	.0930	.1086	.1648	.1087	.0897	.0878	.0984	.0986

MACH (1) = 1.133 TIME (11) = 216.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1133	.1127	.1131	.1002	.1097	.1342	.1897	.1336	.1073	.1024	.1137	.1131

FRSI - DESIGN LIMIT (IACE14) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.100

MACH (1) = 1.253 TIME (1) = 234.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0637	.0636	.0631	.0552	.0666	.1181	.1659	.1024	.0576	.0570	.0641	.0641

MACH (1) = 1.252 TIME (2) = 235.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0591	.0586	.0576	.0494	.0609	.1093	.1837	.0991	.0540	.0520	.0581	.0586

MACH (1) = 1.251 TIME (3) = 236.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0589	.0585	.0589	.0497	.0584	.1074	.1778	.1042	.0544	.0517	.0591	.0586

MACH (1) = 1.252 TIME (4) = 237.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0586	.0580	.0578	.0493	.0607	.1076	.1873	.0950	.0530	.0511	.0582	.0579

FRSI - DESIGN LIMIT (1ACE14)

MACH (1) = 1.251 TIME (5) = 238.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0587	.0583	.0586	.0496	.0608	.1079	.1807	.0990	.0584	.0490	.0596	.0588

MACH (1) = 1.250 TIME (6) = 239.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0585	.0581	.0571	.0495	.0604	.1106	.1767	.0976	.0529	.0512	.0581	.0584

MACH (1) = 1.251 TIME (7) = 240.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0594	.0587	.0585	.0488	.0628	.1107	.1771	.1056	.0517	.0516	.0577	.0582

MACH (1) = 1.252 TIME (8) = 241.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0594	.0593	.0596	.0499	.0620	.1161	.1706	.0963	.0544	.0511	.0590	.0590

MACH (1) = 1.251 TIME (9) = 242.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0587	.0583	.0585	.0501	.0594	.1030	.1788	.1075	.0582	.0501	.0602	.0588

FRSI - DESIGN LIMIT (1ACE14)

MACH (1) = 1.251 TIME (10) = 243.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0594	.0592	.0592	.0495	.0620	.1069	.1809	.1005	.0516	.0521	.0582	.0592

MACH (1) = 1.252 TIME (11) = 244.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0592	.0590	.0590	.0514	.0591	.1014	.1791	.1016	.0546	.0529	.0595	.0590

FRSI - DESIGN LIMIT (2ACE14) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.100

MACH (1) = 1.251 TIME (1) = 245.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0596	.0597	.0597	.0498	.0614	.1110	.1761	.1095	.0553	.0532	.0595	.0598

MACH (1) = 1.251 TIME (2) = 246.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0591	.0592	.0587	.0505	.0590	.1064	.1772	.1050	.0556	.0510	.0592	.0594

MACH (1) = 1.250 TIME (3) = 247.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0590	.0588	.0591	.0497	.0629	.1186	.1733	.0994	.0540	.0506	.0591	.0591

MACH (1) = 1.251 TIME (4) = 248.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0601	.0601	.0594	.0501	.0600	.1038	.1804	.0983	.0550	.0520	.0599	.0601

FRSI - DESIGN LIMIT (2ACE14)

MACH (1) = 1.252 TIME (5) = 249.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0603	.0601	.0601	.0506	.0636	.1129	.1784	.0977	.0533	.0524	.0601	.0603

MACH (1) = 1.251 TIME (6) = 250.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0594	.0594	.0589	.0503	.0628	.1045	.1756	.0950	.0519	.0537	.0592	.0594

MACH (1) = 1.250 TIME (7) = 251.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0589	.0588	.0591	.0521	.0595	.1111	.1758	.1092	.0579	.0509	.0596	.0588

MACH (1) = 1.251 TIME (8) = 252.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0602	.0598	.0600	.0520	.0636	.1139	.1694	.1013	.0546	.0524	.0595	.0601

MACH (1) = 1.251 TIME (9) = 253.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0604	.0602	.0605	.0511	.0622	.1028	.1803	.1066	.0551	.0542	.0602	.0603

FRSI - DESIGN LIMIT (2ACE14)

MACH (1) = 1.252 TIME (10) = 254.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0606	.0604	.0612	.0526	.0613	.1093	.1773	.1039	.0576	.0528	.0612	.0604

MACH (1) = 1.251 TIME (11) = 255.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0600	.0601	.0598	.0509	.0616	.1045	.1772	.1063	.0557	.0538	.0604	.0604

FRSI - DESIGN LIMIT (IACE15) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.750

MACH (1) = 1.404 TIME (1) = 305.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1228	.1225	.1209	.1217	.1088	.0993	.1308	.0906	.1060	.1208	.1231	.1230

MACH (1) = 1.404 TIME (2) = 306.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1228	.1224	.1210	.1212	.1089	.0989	.1304	.0944	.1072	.1209	.1226	.1225

MACH (1) = 1.403 TIME (3) = 307.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1218	.1216	.1205	.1204	.1078	.0974	.1293	.0902	.1035	.1188	.1213	.1217

MACH (1) = 1.404 TIME (4) = 308.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1222	.1222	.1201	.1203	.1080	.0996	.1267	.0898	.1042	.1200	.1222	.1224

FRSI - DESIGN LIMIT (IACE15)

MACH (1) = 1.403 TIME (5) = 309.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1216	.1211	.1206	.1205	.1077	.0970	.1277	.0937	.1062	.1205	.1222	.1215

MACH (1) = 1.403 TIME (6) = 310.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1227	.1225	.1209	.1213	.1083	.0986	.1305	.0912	.1055	.1200	.1222	.1229

MACH (1) = 1.404 TIME (7) = 311.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1226	.1224	.1208	.1207	.1084	.1003	.1324	.0925	.1059	.1207	.1226	.1228

MACH (1) = 1.403 TIME (8) = 312.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1215	.1210	.1204	.1206	.1055	.0931	.1273	.0914	.1035	.1193	.1210	.1214

MACH (1) = 1.402 TIME (9) = 313.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1208	.1206	.1198	.1200	.1064	.0967	.1302	.0910	.1041	.1194	.1214	.1211

FRSI - DESIGN LIMIT (IACE15)

MACH (1) = 1.400 TIME (10) = 314.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1196	.1196	.1187	.1188	.1056	.0957	.1276	.0916	.1029	.1182	.1199	.1198

MACH (1) = 1.401 TIME (11) = 315.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1205	.1203	.1186	.1194	.1073	.0976	.1278	.0907	.1038	.1191	.1208	.1207

FRSI - DESIGN LIMIT (2ACE15) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.750

MACH (1) = 1.401 TIME (1) = 316.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1205	.1203	.1189	.1192	.1055	.0947	.1265	.0907	.1040	.1189	.1206	.1208

MACH (1) = 1.400 TIME (2) = 317.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1170	.1168	.1158	.1157	.1034	.0929	.1214	.0893	.1014	.1151	.1171	.1173

MACH (1) = 1.401 TIME (3) = 318.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1187	.1182	.1166	.1168	.1058	.0982	.1275	.0938	.1035	.1167	.1184	.1183

MACH (1) = 1.401 TIME (4) = 319.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1174	.1172	.1164	.1163	.1040	.0953	.1240	.0907	.1025	.1157	.1180	.1176

FRSI - DESIGN LIMIT (2ACE15)

MACH (1) = 1.401 TIME (5) = 320.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1176	.1171	.1164	.1168	.1034	.0927	.1280	.0915	.1020	.1160	.1179	.1176

MACH (1) = 1.401 TIME (6) = 321.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1191	.1187	.1171	.1172	.1060	.0994	.1293	.0919	.1030	.1167	.1184	.1191

MACH (1) = 1.402 TIME (7) = 322.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1186	.1186	.1173	.1175	.1057	.0978	.1249	.0893	.1019	.1169	.1189	.1188

MACH (1) = 1.402 TIME (8) = 323.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1196	.1191	.1173	.1397	.1067	.1001	.1303	.0921	.1037	.1174	.1191	.1420

MACH (1) = 1.401 TIME (9) = 324.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1187	.1185	.1167	.1166	.1050	.0953	.1256	.0904	.1030	.1163	.1183	.1187

FRSI - DESIGN LIMIT (2ACE15)

MACH (1) = 1.403 TIME (10) = 325.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1202	.1197	.1186	.1183	.1070	.0988	.1272	.0893	.1040	.1182	.1199	.1201

MACH (1) = 1.402 TIME (11) = 326.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.1192	.1193	.1182	.1187	.1058	.0974	.1288	.0925	.1035	.1178	.1198	.1197

FRSI - DESIGN LIMIT (IACE16) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .897 TIME (1) = 418.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE												
1.00000	-.0389	-.0384	-.0369	-.0640	-.0135	.1518	.2356	.1964	-.0235	-.0637	-.0352	-.0390

MACH (1) = .898 TIME (2) = 419.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE												
1.00000	-.0381	-.0380	-.0368	-.0651	-.0163	.1493	.2429	.1822	-.0263	-.0651	-.0367	-.0382

MACH (1) = .897 TIME (3) = 420.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE												
1.00000	-.0373	-.0368	-.0385	-.0679	-.0199	.1291	.2665	.1913	-.0248	-.0614	-.0336	-.0374

MACH (1) = .896 TIME (4) = 421.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE												
1.00000	-.0437	-.0435	-.0397	-.0672	-.0173	.1472	.2637	.1843	-.0286	-.0623	-.0380	-.0437

FRSI - DESIGN LIMIT (1ACE16)

MACH (1) = .898 TIME (5) = 423.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0393	-.0391	-.0386	-.0672	-.0149	.1448	.2538	.1829	-.0297	-.0694	-.0366	-.0397

MACH (1) = .896 TIME (6) = 424.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0402	-.0403	-.0349	-.0606	-.0173	.1469	.2573	.1816	-.0261	-.0627	-.0387	-.0406

MACH (1) = .898 TIME (7) = 425.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0424	-.0420	-.0385	-.0687	-.0209	.1504	.2636	.1961	-.0270	-.0658	-.0362	-.0424

MACH (1) = .897 TIME (8) = 426.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0420	-.0422	-.0361	-.0651	-.0198	.1442	.2722	.1842	-.0292	-.0673	-.0383	-.0423

MACH (1) = .897 TIME (9) = 427.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0438	-.0433	-.0369	-.0634	-.0196	.1343	.2487	.1783	-.0338	-.0673	-.0391	-.0438

FRSI - DESIGN LIMIT (IACE16)

MACH (1) = .897 TIME (10) = 428.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0435	-.0427	-.0402	-.0686	-.0174	.1559	.2509	.1931	-.0277	-.0695	-.0382	-.0435

MACH (1) = .896 TIME (11) = 429.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0419	-.0418	-.0350	-.0632	-.0190	.1395	.2457	.1828	-.0329	-.0725	-.0411	-.0420

MACH (2) = 1.104 TIME (1) = 454.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0157	-.0164	-.0101	-.0367	.0104	.1817	.3047	.1908	.0075	-.0398	-.0142	-.0157

MACH (2) = 1.103 TIME (2) = 455.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0154	-.0156	-.0109	-.0374	.0105	.1833	.3190	.1928	.0074	-.0381	-.0126	-.0155

MACH (2) = 1.103 TIME (3) = 456.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0163	-.0167	-.0125	-.0380	.0080	.1709	.3151	.1972	.0032	-.0392	-.0156	-.0164

FRSI - DESIGN LIMIT (1ACE16)

MACH (2) = 1.103 TIME (4) = 457.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0178	-.0181	-.0122	-.0392	.0063	.1862	.3252	.2077	.0063	-.0403	-.0147	-.0178

MACH (2) = 1.104 TIME (5) = 458.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0144	-.0147	-.0107	-.0379	.0137	.1715	.3015	.2092	.0067	-.0387	-.0127	-.0143

MACH (2) = 1.103 TIME (6) = 459.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0162	-.0167	-.0127	-.0393	.0141	.1829	.3147	.2070	.0035	-.0414	-.0153	-.0163

MACH (2) = 1.103 TIME (7) = 500.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0170	-.0175	-.0129	-.0407	.0114	.1730	.3051	.1960	.0080	-.0397	-.0136	-.0174

MACH (2) = 1.102 TIME (8) = 501.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0140	-.0144	-.0124	-.0396	.0166	.1615	.2785	.1995	.0055	-.0401	-.0147	-.0141

FRSI - DESIGN LIMIT (1ACE16)

MACH (2) = 1.102 TIME (9) = 502.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0162	-.0165	-.0133	-.0392	.0093	.1597	.3107	.2018	.0065	-.0390	-.0137	-.0162

MACH (2) = 1.103 TIME (10) = 503.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0160	-.0163	-.0131	-.0386	.0120	.1532	.3014	.2022	.0022	-.0398	-.0158	-.0160

MACH (2) = 1.104 TIME (11) = 504.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0142	-.0147	-.0124	-.0377	.0116	.1555	.2947	.1829	.0073	-.0378	-.0131	-.0139

MACH (3) = 1.260 TIME (1) = 525.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0012	-.0016	-.0001	-.0135	.0184	.1986	.3248	.2125	.0172	-.0183	.0005	-.0007

MACH (3) = 1.258 TIME (2) = 526.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0016	-.0019	-.0008	-.0139	.0195	.1975	.3441	.2124	.0140	-.0206	-.0006	-.0007

FRSI - DESIGN LIMIT (1ACE16)

MACH (3) = 1.257 TIME (3) = 527.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0025	-.0029	-.0004	-.0146	.0180	.1917	.3184	.2047	.0152	-.0200	-.0005	-.0020

MACH (3) = 1.255 TIME (4) = 528.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0031	-.0037	-.0025	-.0167	.0172	.1907	.3401	.2089	.0154	-.0219	-.0014	-.0026

MACH (3) = 1.257 TIME (5) = 529.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0024	-.0031	-.0003	-.0136	.0172	.1871	.3070	.2092	.0159	-.0199	-.0004	-.0019

MACH (3) = 1.256 TIME (6) = 530.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0029	-.0033	-.0016	-.0158	.0187	.1886	.3441	.2037	.0129	-.0209	-.0018	-.0024

MACH (3) = 1.256 TIME (7) = 531.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0030	-.0033	-.0008	-.0156	.0168	.1996	.3316	.2004	.0145	-.0217	-.0020	-.0024

FRSI - DESIGN LIMIT (1ACE16)

MACH (3) = 1.255 TIME (8) = 532.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0049	-.0050	-.0025	-.0159	.0151	.1898	.3381	.2053	.0157	-.0221	-.0026	-.0044

MACH (3) = 1.255 TIME (9) = 533.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0035	-.0039	-.0019	-.0166	.0170	.1980	.3319	.2057	.0137	-.0218	-.0023	-.0027

MACH (3) = 1.255 TIME (10) = 534.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0047	-.0051	-.0031	-.0176	.0201	.1915	.3202	.2138	.0136	-.0230	-.0030	-.0039

MACH (3) = 1.254 TIME (11) = 535.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0051	-.0055	-.0029	-.0163	.0142	.1867	.3233	.2018	.0135	-.0228	-.0028	-.0045

MACH (4) = 1.401 TIME (1) = 600.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0114	.0102	.0086	.0046	.0347	.1832	.3375	.1983	.0354	.0038	.0115	.0117

FRSI - DESIGN LIMIT (1ACE16)

MACH (4) = 1.400 TIME (2) = 601.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0111	.0103	.0095	.0045	.0341	.1894	.3289	.2045	.0341	.0034	.0111	.0114

MACH (4) = 1.399 TIME (3) = 602.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0098	.0089	.0078	.0026	.0335	.1832	.3416	.2007	.0299	.0001	.0099	.0105

MACH (4) = 1.401 TIME (4) = 603.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0111	.0104	.0087	.0049	.0365	.1892	.3283	.1999	.0344	.0024	.0110	.0121

MACH (4) = 1.399 TIME (5) = 604.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0107	.0099	.0093	.0044	.0355	.1798	.3474	.2118	.0345	.0031	.0117	.0115

MACH (4) = 1.398 TIME (6) = 605.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0100	.0091	.0080	.0026	.0302	.1759	.3395	.2082	.0298	.0006	.0104	.0103

FRSI - DESIGN LIMIT (IACE16)

MACH (4) = 1.399 TIME (7) = 606.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0109	.0100	.0080	.0049	.0347	.1871	.3351	.2087	.0369	.0033	.0113	.0115

MACH (4) = 1.397 TIME (8) = 607.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0097	.0085	.0074	.0022	.0314	.1799	.3366	.1973	.0318	.0013	.0093	.0096

MACH (4) = 1.399 TIME (9) = 608.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.600	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0099	.0090	.0080	.0034	.0357	.1820	.3448	.2128	.0318	-.0005	.0106	.0102

MACH (4) = 1.399 TIME (10) = 609.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0098	.0089	.0083	.0035	.0327	.1890	.3437	.2039	.0336	.0009	.0094	.0101

MACH (4) = 1.399 TIME (11) = 610.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0085	.0082	.0076	.0010	.0334	.1838	.3432	.2007	.0346	.0016	.0098	.0095

FRSI - DESIGN LIMIT (2ACE16) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .895 TIME (1) = 430.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0416	-.0411	-.0330	-.0611	-.0177	.1485	.2494	.1843	-.0274	-.0645	-.0382	-.0417

MACH (1) = .896 TIME (2) = 431.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0419	-.0417	-.0412	-.0696	-.0158	.1480	.2446	.1741	-.0248	-.0606	-.0356	-.0422

MACH (1) = .896 TIME (3) = 432.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0394	-.0392	-.0367	-.0649	-.0158	.1485	.2511	.1802	-.0281	-.0642	-.0369	-.0396

MACH (1) = .897 TIME (4) = 433.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0400	-.0401	-.0383	-.0680	-.0190	.1452	.2562	.1848	-.0303	-.0673	-.0379	-.0404

FRSI - DESIGN LIMIT (2ACE16)

MACH (1) = .897 TIME (5) = 434.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0420	-.0416	-.0352	-.0617	-.0169	.1398	.2479	.1820	-.0308	-.0665	-.0396	-.0417

MACH (1) = .897 TIME (6) = 435.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0434	-.0433	-.0401	-.0676	-.0182	.1392	.2594	.1803	-.0321	-.0672	-.0378	-.0438

MACH (1) = .898 TIME (7) = 436.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0401	-.0399	-.0384	-.0664	-.0163	.1386	.2513	.1789	-.0317	-.0695	-.0399	-.0401

MACH (1) = .898 TIME (8) = 437.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0431	-.0433	-.0360	-.0628	-.0175	.1527	.2699	.1784	-.0313	-.0647	-.0385	-.0435

MACH (1) = .896 TIME (9) = 438.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0415	-.0416	-.0392	-.0669	-.0182	.1347	.2354	.1823	-.0309	-.0733	-.0410	-.0415

FRSI - DESIGN LIMIT (2ACE16)

MACH (1) = .898 TIME (10) = 439.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0399	-.0401	-.0379	-.0666	-.0164	.1499	.2612	.1836	-.0270	-.0640	-.0342	-.0399

MACH (1) = .898 TIME (11) = 441.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0432	-.0431	-.0387	-.0644	-.0211	.1361	.2515	.1873	-.0265	-.0685	-.0382	-.0429

MACH (2) = 1.101 TIME (1) = 505.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0159	-.0162	-.0127	-.0382	.0110	.1681	.3128	.1892	.0074	-.0406	-.0145	-.0160

MACH (2) = 1.103 TIME (2) = 506.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0166	-.0168	-.0113	-.0383	.0101	.1691	.3002	.2072	.0067	-.0408	-.0154	-.0167

MACH (2) = 1.102 TIME (3) = 507.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0169	-.0171	-.0132	-.0376	.0104	.1683	.2983	.1927	.0039	-.0432	-.0169	-.0168

FRSI - DESIGN LIMIT (2ACE16)

MACH (2) = 1.103 TIME (4) = 508.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0168	-.0170	-.0128	-.0385	.0093	.1858	.2990	.1938	.0065	-.0420	-.0159	-.0169

MACH (2) = 1.102 TIME (5) = 509.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0162	-.0162	-.0139	-.0397	.0096	.1537	.3089	.2026	.0046	-.0417	-.0165	-.0158

MACH (2) = 1.101 TIME (6) = 510.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0164	-.0168	-.0139	-.0394	.0117	.1652	.3114	.2029	.0069	-.0385	-.0132	-.0161

MACH (2) = 1.103 TIME (7) = 511.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0173	-.0177	-.0130	.0398	.0154	.1826	.3031	.1762	.0054	-.0411	-.0147	-.0174

MACH (2) = 1.102 TIME (8) = 512.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0168	-.0171	-.0138	-.0397	.0124	.1792	.3041	.2093	.0073	-.0401	-.0146	-.0170

FRSI - DESIGN LIMIT (2ACE16)

MACH (2) = 1.101 TIME (9) = 513.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0170	-.0172	-.0154	-.0418	.0095	.1796	.3040	.1931	.0074	-.0402	-.0128	-.0168

MACH (2) = 1.104 TIME (10) = 514.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0159	-.0162	-.0122	-.0386	.0110	.1676	.3054	.1853	.0093	-.0411	-.0140	-.0156

MACH (2) = 1.102 TIME (11) = 515.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0173	-.0176	-.0135	-.0396	.0089	.1735	.3051	.1967	.0041	-.0403	-.0151	-.0171

MACH (3) = 1.254 TIME (1) = 536.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0046	-.0052	-.0037	-.0180	.0131	.1998	.3428	.1990	.0153	-.0228	-.0034	-.0040

MACH (3) = 1.256 TIME (2) = 537.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0033	-.0034	-.0008	-.0142	.0191	.1866	.3253	.2100	.0153	-.0215	-.0012	-.0025

FRSI - DESIGN LIMIT (2ACE16)

MACH (3) = 1.257 TIME (3) = 538.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0021	-.0025	-.0007	-.0155	.0190	.1972	.3278	.2165	.0172	-.0208	-.0001	-.0016

MACH (3) = 1.257 TIME (4) = 539.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0026	-.0033	-.0010	-.0144	.0182	.1887	.3232	.2062	.0175	-.0209	-.0017	-.0018

MACH (3) = 1.256 TIME (5) = 540.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0029	-.0033	-.0010	-.0152	.0198	.2014	.3437	.2103	.0172	-.0211	-.0014	-.0018

MACH (3) = 1.256 TIME (6) = 541.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0027	-.0031	-.0011	-.0153	.0210	.1854	.3512	.2151	.0161	-.0218	-.0018	-.0022

MACH (3) = 1.256 TIME (7) = 542.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0032	-.0038	-.0013	-.0158	.0148	.1966	.3225	.2153	.0159	-.0206	-.0012	-.0026

FRSI - DESIGN LIMIT (2ACE16)

MACH (3) = 1.257 TIME (8) = 543.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0027	-.0027	.0003	-.0128	.0182	.1903	.3345	.2170	.0164	-.0201	-.0009	-.0016

MACH (3) = 1.256 TIME (9) = 544.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0020	-.0027	-.0015	-.0157	.0193	.1866	.3324	.2115	.0144	-.0208	-.0014	-.0015

MACH (3) = 1.255 TIME (10) = 545.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0035	-.0039	-.0014	-.0153	.0157	.1871	.3329	.2088	.0140	-.0210	-.0015	-.0030

MACH (3) = 1.256 TIME (11) = 546.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	-.0030	-.0034	-.0016	-.0162	.0181	.1874	.3458	.2175	.0140	-.0223	-.0018	-.0025

MACH (4) = 1.401 TIME (1) = 611.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0117	.0105	.0088	.0055	.0367	.1826	.3460	.2071	.0321	.0029	.0116	.0122

FRSI - DESIGN LIMIT (2ACE16)

MACH (4) = 1.400 TIME (2) = 612.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0105	.0098	.0088	.0038	.0372	.1798	.3400	.2046	.0324	.0018	.0111	.0115

MACH (4) = 1.401 TIME (3) = 613.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0118	.0107	.0089	.0045	.0367	.1811	.3366	.2098	.0361	.0031	.0114	.0119

MACH (4) = 1.400 TIME (4) = 614.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0111	.0102	.0090	.0050	.0343	.1891	.3429	.2040	.0331	.0028	.0107	.0118

MACH (4) = 1.401 TIME (5) = 616.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0115	.0106	.0100	.0051	.0378	.1892	.3307	.2082	.0350	.0033	.0119	.0122

MACH (4) = 1.400 TIME (6) = 617.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0118	.0109	.0094	.0360	.0357	.1888	.3394	.2031	.0350	.0039	.0119	.0435

FRSI - DESIGN LIMIT (2ACE16)

MACH (4) = 1.401 TIME (7) = 618.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0125	.0116	.0096	.0056	.0389	.1874	.3376	.1958	.0360	.0041	.0124	.0132

MACH (4) = 1.398 TIME (8) = 619.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0099	.0091	.0080	.0033	.0350	.1804	.3490	.1846	.0347	.0031	.0094	.0107

MACH (4) = 1.400 TIME (9) = 620.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0102	.0095	.0088	.0045	.0340	.1808	.3403	.1989	.0350	.0031	.0105	.0111

MACH (4) = 1.401 TIME (10) = 621.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0113	.0104	.0094	.0046	.0356	.1744	.3392	.1995	.0350	.0040	.0114	.0120

MACH (4) = 1.399 TIME (11) = 622.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI VENT EDGE DEPENDENT VARIABLE CP

PHI	.000	29.500	43.200	90.000	136.800	150.500	180.000	209.500	223.200	270.000	316.800	330.500
EDGE 1.00000	.0101	.0092	.0081	.0052	.0331	.1873	.3370	.2053	.0307	.0015	.0097	.0112

FRSI - STS-1 LIMIT (RACU08) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .039 MACH (1) = .938 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0274	
10.0600	.0290		-.0560
15.7800		-.0061	

WA (1) = .038 MACH (2) = 1.067 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0383	
10.0600	.0617		-.0950
15.7800		-.0028	

WA (1) = .035 MACH (3) = 1.142 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0064	
10.0600	.0747		-.0576
15.7800		.0202	

WA (1) = .035 MACH (4) = 1.186 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0069	
10.0600	.0721		-.0552
15.7800		.0217	

FRSI - STS-1 LIMIT (RACU08)

WA (1) = .033 MACH (5) = 1.231 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0170	
10.0600	.0433		-.0601
15.7800		.0071	

WA (1) = .031 MACH (6) = 1.261 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0266	
10.0600	.0381		-.0716
15.7800		-.0015	

WA (1) = .030 MACH (7) = 1.344 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		.0075	
10.0600	.0684		-.0368
15.7800		.0307	

WA (1) = .030 MACH (8) = 1.376 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		.0077	
10.0600	.0634		-.0350
15.7800		.0298	

FRSI - STS-1 LIMIT (RACU08)

WA (1) = .027 MACH (9) = 1.410 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		.0079	
10.0600	.0588		-.0325
15.7800		.0277	

FRSI - STS-1 ULTIMATE (RACU09) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .056 MACH (1) = 1.058 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0383	
10.0600	.0471		-.0801
15.7800		-.0056	

WA (1) = .048 MACH (2) = 1.130 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0208	
10.0600	.0566		-.0629
15.7800		.0114	

WA (1) = .044 MACH (3) = 1.226 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0012	
10.0600	.0633		-.0413
15.7800		.0270	

WA (1) = .043 MACH (4) = 1.276 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0054	
10.0600	.0637		-.0478
15.7800		.0217	

FRSI - STS-1 ULTIMATE (RACU09)

WA (1) = .039 MACH (5) = 1.335 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		.0039	
10.0600	.0675		-.0380
15.7800		.0266	

WA (1) = .038 MACH (6) = 1.370 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0006	
10.0600	.0564		-.0404
15.7800		.0193	

WA (1) = .036 MACH (7) = 1.400 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0007	
10.0600	.0515		-.0383
15.7800		.0160	

FRSI - DESIGN ULTIMATE (RACU10) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .072 MACH (1) = .966 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0436	
10.0600	.0272		-.0713
15.7800		-.0007	

WA (1) = .055 MACH (2) = 1.095 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0389	
10.0600	.0365		-.0781
15.7800		.0007	

WA (1) = .053 MACH (3) = 1.124 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0366	
10.0600	.0393		-.0768
15.7800		.0050	

WA (1) = .052 MACH (4) = 1.242 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0280	
10.0600	.0375		-.0665
15.7800		.0070	

FRSI - DESIGN ULTIMATE (RACUIO)

WA (1) = .048 MACH (5) = 1.274 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0395	
10.0600	.0316		-.0793
15.7800		-.0007	

WA (1) = .046 MACH (6) = 1.357 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0051	
10.0600	.0601		-.0444
15.7800		.0288	

WA (1) = .046 MACH (7) = 1.378 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0061	
10.0600	.0550		-.0433
15.7800		.0266	

WA (1) = .043 MACH (8) = 1.404 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0062	
10.0600	.0483		-.0420
15.7800		.0227	

FRSI - DESIGN LIMIT (RACU11) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .901 TIME (1) = 2245.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0300	
10.0600	.0240		-.0546
15.7800		-.0032	

MACH (1) = .901 TIME (2) = 2246.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0272	
10.0600	.0277		-.0516
15.7800		.0000	

MACH (1) = .901 TIME (3) = 2247.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0302	
10.0600	.0284		-.0553
15.7800		.0009	

MACH (1) = .902 TIME (4) = 2248.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0277	
10.0600	.0313		-.0527
15.7800		.0048	

FRSI - DESIGN LIMIT (RACUII)

MACH (1) = .905 TIME (5) = 2249.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0245	
10.0600	.0338		-.0499
15.7800		.0075	

MACH (2) = 1.104 TIME (1) = 2257.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0409	
10.0600	.0398		-.0822
15.7800		-.0034	

MACH (2) = 1.109 TIME (2) = 2258.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0385	
10.0600	.0395		-.0811
15.7800		-.0043	

MACH (2) = 1.108 TIME (3) = 2259.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0395	
10.0600	.0407		-.0815
15.7800		-.0017	

FRSI - DESIGN LIMIT (RACUII)

MACH (2) = 1.104 TIME (4) = 2300.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0329	
10.0600	.0408		-.0718
15.7800		-.0005	

MACH (2) = 1.103 TIME (5) = 2301.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30 0500
Z			
5.1400		-.0374	
10.0600	.0400		-.0780
15.7800		-.0003	

MACH (3) = 1.257 TIME (1) = 2304.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0366	
10.0600	.0336		-.0795
15.7800		-.0051	

MACH (3) = 1.251 TIME (2) = 2305.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0397	
10.0600	.0300		-.0810
15.7800		-.0071	

FRSI - DESIGN LIMIT (RACUII)

MACH (3) = 1.253 TIME (3) = 2306.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0387	
10.0600	.0300		-.0813
15.7800		-.0079	

MACH (3) = 1.256 TIME (4) = 2307.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0384	
10.0600	.0326		-.0807
15.7800		-.0055	

MACH (3) = 1.254 TIME (5) = 2308.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0376	
10.0600	.0332		-.0807
15.7800		-.0057	

MACH (4) = 1.409 TIME (1) = 2313.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0157	
10.0600	.0392		-.0543
15.7800		.0099	

FRSI - DESIGN LIMIT (RACU11)

MACH (4) = 1.410 TIME (2) = 2314.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0164	
10.0600	.0384		-.0552
15.7800		.0089	

MACH (4) = 1.409 TIME (3) = 2315.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0146	
10.0600	.0405		-.0531
15.7800		.0110	

MACH (4) = 1.407 TIME (4) = 2316.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0164	
10.0600	.0388		-.0543
15.7800		.0095	

MACH (4) = 1.408 TIME (5) = 2317.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0174	
10.0600	.0378		-.0559
15.7800		.0085	

FRSI - DESIGN LIMIT (IACU12) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

HA = 5.600

MACH (1) = .899 TIME (1) = 118.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1550	
10.0600	.0793		-.2876
15.7800		-.0584	

MACH (1) = .899 TIME (2) = 119.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1527	
10.0600	.0774		-.2843
15.7800		-.0608	

MACH (1) = .899 TIME (3) = 120.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1444	
10.0600	.0786		-.2727
15.7800		-.0569	

MACH (1) = .899 TIME (4) = 121.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1492	
10.0600	.0796		-.2793
15.7800		-.0566	

FRSI - DESIGN LIMIT (IACU12)

MACH (1) = .899 TIME (5) = 122.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1476	
10.0600	.0784		-.2755
15.7800		-.0578	

MACH (1) = .901 TIME (6) = 123.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1542	
10.0600	.0769		-.2857
15.7800		-.0599	

MACH (1) = .900 TIME (7) = 124.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1531	
10.0600	.0760		-.2806
15.7800		-.0600	

MACH (1) = .898 TIME (8) = 125.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1520	
10.0600	.0790		-.2824
15.7800		-.0574	

FRSI - DESIGN LIMIT (IACU12)

MACH (1) = .899 TIME (9) = 126.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1553	
10.0600	.0751		-.2871
15.7800		-.0606	

MACH (1) = .899 TIME (10) = 127.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1536	
10.0600	.0797		-.2851
15.7800		-.0562	

MACH (1) = .900 TIME (11) = 128.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1489	
10.0600	.0763		-.2802
15.7800		-.0622	

FRSI - DESIGN LIMIT (2ACU12) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 5.600

MACH (1) = .896 TIME (1) = 129.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1506	
10.0600	.0786		-.2813
15.7800		-.0572	

MACH (1) = .898 TIME (2) = 130.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1521	
10.0600	.0774		-.2833
15.7800		-.0570	

MACH (1) = .899 TIME (3) = 131.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1486	
10.0600	.0766		-.2783
15.7800		-.0604	

MACH (1) = .898 TIME (4) = 132.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1510	
10.0600	.0773		-.2807
15.7800		-.0578	

FRSI - DESIGN LIMIT (2ACU12)

MACH (1) = .898 TIME (5) = 133.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1498	
10.0600	.0777		-.2805
15.7800		-.0590	

MACH (1) = .898 TIME (6) = 134.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1461	
10.0600	.0761		-.2747
15.7800		-.0597	

MACH (1) = .898 TIME (7) = 135.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1487	
10.0600	.0756		-.2781
15.7800		-.0608	

MACH (1) = .896 TIME (8) = 136.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1515	
10.0600	.0778		-.2834
15.7800		-.0585	

FRSI - DESIGN LIMIT (2ACU12)

MACH (1) = .898 TIME (9) = 137.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1588	
10.0600	.0755		-.2905
15.7800		-.0615	

MACH (1) = .898 TIME (10) = 138.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1553	
10.0600	.0766		-.2861
15.7800		-.0596	

MACH (1) = .898 TIME (11) = 139.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.1473	
10.0600	.0788		-.2770
15.7800		-.0584	

FRSI - DESIGN LIMIT (IACU13) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.730

MACH (1) = 1.104 TIME (1) = 153.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0591	
10.0600	.0558		-.1537
15.7800		-.0109	

MACH (1) = 1.104 TIME (2) = 155.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0586	
10.0600	.0555		-.1544
15.7800		-.0123	

MACH (1) = 1.100 TIME (3) = 156.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0617	
10.0600	.0527		-.1549
15.7800		-.0128	

MACH (1) = 1.101 TIME (4) = 157.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0547	
10.0600	.0552		-.1462
15.7800		-.0105	

FRSI - DESIGN LIMIT (IACU13)

MACH (1) = 1.102 TIME (5) = 158.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0540	
10.0600	.0543		-.1410
15.7800		-.0094	

MACH (1) = 1.102 TIME (6) = 159.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0551	
10.0600	.0547		-.1[illegible]
15.7800		-.0089	

MACH (1) = 1.101 TIME (7) = 200.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0609	
10.0600	.0548		-.1535
15.7800		-.0102	

MACH (1) = 1.103 TIME (8) = 201.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0608	
10.0600	.0541		-.1552
15.7800		-.0132	

FRSI - DESIGN LIMIT (1ACU13)

MACH (1) = 1.102 TIME (9) = 202.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0605	
10.0600	.0548		-.1530
15.7800		-.0119	

MACH (1) = 1.102 TIME (10) = 203.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0590	
10.0600	.0539		-.1523
15.7800		-.0132	

MACH (1) = 1.102 TIME (11) = 204.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0604	
10.0600	.0541		-.1549
15.7800		-.0126	

FRSI - DESIGN LIMIT (2ACU13) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.730

MACH (1) = 1.101 TIME (1) = 205.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0536	
10.0600	.0572		-.1461
15.7800		-.0077	

MACH (1) = 1.103 TIME (2) = 206.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0632	
10.0600	.0550		-.1610
15.7800		-.0123	

MACH (1) = 1.103 TIME (3) = 207.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0613	
10.0600	.0552		-.1571
15.7800		-.0112	

MACH (1) = 1.103 TIME (4) = 209.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0595	
10.0600	.0555		-.1528
15.7800		-.0106	

FRSI - DESIGN LIMIT (2ACU13)

MACH (1) = 1.103 TIME (5) = 210.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0615	
10.0600	.0563		-.1569
15.7800		-.0105	

MACH (1) = 1.102 TIME (6) = 211.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0604	
10.0600	.0539		-.1556
15.7800		-.0138	

MACH (1) = 1.102 TIME (7) = 212.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0597	
10.0600	.0554		-.1543
15.7800		-.0105	

MACH (1) = 1.104 TIME (8) = 213.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0616	
10.0600	.0548		-.1558
15.7800		-.0121	

FRSI - DESIGN LIMIT (2ACU13)

MACH (1) = 1.103 TIME (9) = 214.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0616	
10.0600	.0572		-.1593
15.7800		-.0118	

MACH (1) = 1.106 TIME (10) = 215.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0525	
10.0600	.0602		-.1476
15.7800		-.0099	

MACH (1) = 1.133 TIME (11) = 216.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0402	
10.0600	.0762		-.1356
15.7800		.0077	

FRSI - DESIGN LIMIT (1ACU14) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.100

MACH (1) = 1.253 TIME (1) = 234.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0430	
10.0600	.0395		-.1128
15.7800		-.0062	

MACH (1) = 1.252 TIME (2) = 235.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0453	
10.0600	.0383		-.1130
15.7800		-.0064	

MACH (1) = 1.251 TIME (3) = 236.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0465	
10.0600	.0378		-.1156
15.7800		-.0068	

MACH (1) = 1.252 TIME (4) = 237.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0457	
10.0600	.0380		-.1140
15.7800		-.0068	

FRSI - DESIGN LIMIT (IACU14)

MACH (1) = 1.251 TIME (5) = 238.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0453	
10.0600	.0380		-.1136
15.7800		-.0063	

MACH (1) = 1.250 TIME (6) = 239.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0464	
10.0600	.0368		-.1158
15.7800		-.0081	

MACH (1) = 1.251 TIME (7) = 240.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0462	
10.0600	.0366		-.1145
15.7800		-.0077	

MACH (1) = 1.252 TIME (8) = 241.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0459	
10.0600	.0380		-.1147
15.7800		-.0074	

FRSI - DESIGN LIMIT (IACU14)

MACH (1) = 1.251 TIME (9) = 242.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0467	
10.0600	.0383		-.1157
15.7800		-.0066	

MACH (1) = 1.251 TIME (10) = 243.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0468	
10.0600	.0368		-.1161
15.7800		-.0087	

MACH (1) = 1.252 TIME (11) = 244.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0462	
10.0600	.0377		-.1152
15.7800		-.0076	

FRSI - DESIGN LIMIT (2ACU14) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.100

MACH (1) = 1.251 TIME (1) = 245.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0462	
10.0600	.0379		-.1144
15.7800		-.0072	

MACH (1) = 1.251 TIME (2) = 246.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0468	
10.0600	.0376		-.1166
15.7800		-.0077	

MACH (1) = 1.250 TIME (3) = 247.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0469	
10.0600	.0373		-.1162
15.7800		-.0078	

MACH (1) = 1.251 TIME (4) = 248.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0460	
10.0600	.0385		-.1159
15.7800		-.0070	

FRSI - DESIGN LIMIT (2ACU14)

MACH (1) = 1.252 TIME (5) = 249.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0459	
10.0600	.0377		-.1147
15.7800		-.0076	

MACH (1) = 1.251 TIME (6) = 250.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0460	
10.0600	.0376		-.1150
15.7800		-.0074	

MACH (1) = 1.250 TIME (7) = 251.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0472	
10.0600	.0370		-.1163
15.7800		-.0086	

MACH (1) = 1.251 TIME (8) = 252.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0456	
10.0600	.0374		-.1144
15.7800		-.0079	

FRSI - DESIGN LIMIT (2ACU14)

MACH (1) = 1.251 TIME (9) = 253.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0450	
10.0600	.0379		-.1143
15.7800		-.0072	

MACH (1) = 1.252 TIME (10) = 254.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0470	
10.0600	.0386		-.1169
15.7800		-.0068	

MACH (1) = 1.251 TIME (11) = 255.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0466	
10.0600	.0377		-.1163
15.7800		-.0080	

FRSI - DESIGN LIMIT (1ACU15) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.750

MACH (1) = 1.404 TIME (1) = 305.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0230	
10.0600	.0490		-.1105
15.7800		.0109	

MACH (1) = 1.404 TIME (2) = 306.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0222	
10.0600	.0493		-.1087
15.7800		.0115	

MACH (1) = 1.403 TIME (3) = 307.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0219	
10.0600	.0497		-.1097
15.7800		.0125	

MACH (1) = 1.404 TIME (4) = 308.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0216	
10.0600	.0496		-.1082
15.7800		.0124	

FRSI - DESIGN LIMIT (IACU15)

MACH (1) = 1.403 TIME (5) = 309.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0223	
10.0600	.0498		-.1098
15.7800		.0121	

MACH (1) = 1.403 TIME (6) = 310.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0212	
10.0600	.0499		-.1082
15.7800		.0122	

MACH (1) = 1.404 TIME (7) = 311.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0198	
10.0600	.0494		-.1070
15.7800		.0116	

MACH (1) = 1.403 TIME (8) = 312.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0241	
10.0600	.0488		-.1115
15.7800		.0108	

FRSI - DESIGN LIMIT (1ACU15)

MACH (1) = 1.402 TIME (9) = 313.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0229	
10.0600	.0477		-.1104
15.7800		.0098	

MACH (1) = 1.400 TIME (10) = 314.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0254	
10.0600	.0456		-.1128
15.7800		.0078	

MACH (1) = 1.401 TIME (11) = 315.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0239	
10.0600	.0469		-.1114
15.7800		.0093	

FRSI - DESIGN LIMIT (2ACU15) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.750

MACH (1) = 1.401 TIME (1) = 316.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0236	
10.0600	.0465		-.1106
15.7800		.0092	

MACH (1) = 1.400 TIME (2) = 317.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0254	
10.0600	.0454		-.1120
15.7800		.0078	

MACH (1) = 1.401 TIME (3) = 318.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0243	
10.0600	.0462		-.1105
15.7800		.0092	

MACH (1) = 1.401 TIME (4) = 319.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0250	
10.0600	.0455		-.1115
15.7800		.0080	

FRSI - DESIGN LIMIT (2ACU15)

MACH (1) = 1.401 TIME (5) = 320.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0248	
10.0600	.0466		-.1105
15.7800		.0090	

MACH (1) = 1.401 TIME (6) = 321.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0233	
10.0600	.0465		-.1085
15.7800		.0092	

MACH (1) = 1.402 TIME (7) = 322.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0240	
10.0600	.0472		-.1109
15.7800		.0099	

MACH (1) = 1.402 TIME (8) = 323.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0241	
10.0600	.0719		-.1108
15.7800		.0088	

FRSI - DESIGN LIMIT (2ACU15)

MACH (1) = 1.401 TIME (9) = 324.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0254	
10.0600	.0459		-.1125
15.7800		.0083	

MACH (1) = 1.403 TIME (10) = 325.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0237	
10.0600	.0474		-.1106
15.7800		.0101	

MACH (1) = 1.402 TIME (11) = 326.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0230	
10.0600	.0471		-.1091
15.7800		.0091	

FRSI - DESIGN LIMIT (IACU16) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .897 TIME (1) = 418.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0381	
10.0600	.0250		-.0627
15.7800		-.0003	

MACH (1) = .898 TIME (2) = 419.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0389	
10.0600	.0234		-.0632
15.7800		-.0012	

MACH (1) = .897 TIME (3) = 420.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0394	
10.0600	.0217		-.0624
15.7800		-.0036	

MACH (1) = .896 TIME (4) = 421.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0403	
10.0600	.0209		-.0640
15.7800		-.0041	

FRSI - DESIGN LIMIT (1ACU16)

MACH (1) = .898 TIME (5) = 423.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0391	
10.0600	.0251		-.0627
15.7800		-.0009	

MACH (1) = .896 TIME (6) = 424.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0429	
10.0600	.0193		-.0672
15.7800		-.0045	

MACH (1) = .898 TIME (7) = 425.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0397	
10.0600	.0242		-.0639
15.7800		-.0011	

MACH (1) = .897 TIME (8) = 426.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0396	
10.0600	.0219		-.0635
15.7800		-.0038	

FRSI - DESIGN LIMIT (IACU16)

MACH (1) = .897 TIME (9) = 427.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0378	
10.0600	.0209		-.0618
15.7800		-.0043	

MACH (1) = .897 TIME (10) = 428.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0385	
10.0600	.0237		-.0631
15.7800		-.0020	

MACH (1) = .896 TIME (11) = 429.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0444	
10.0600	.0209		-.0686
15.7800		-.0049	

MACH (2) = 1.104 TIME (1) = 454.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0477	
10.0600	.0384		-.0888
15.7800		-.0013	

FRSI - DESIGN LIMIT (IACU16)

MACH (2) = 1.103 TIME (2) = 455.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0417	
10.0600	.0392		-.0791
15.7800		.0010	

MACH (2) = 1.103 TIME (3) = 456.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0488	
10.0600	.0372		-.0891
15.7800		-.0023	

MACH (2) = 1.103 TIME (4) = 457.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0472	
10.0600	.0375		-.0880
15.7800		-.0019	

MACH (2) = 1.104 TIME (5) = 458.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0454	
10.0600	.0387		-.0862
15.7800		-.0004	

FRSI - DESIGN LIMIT (IACU16)

MACH (2) = 1.103 TIME (6) = 459.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0458	
10.0600	.0373		-.0855
15.7800		-.0027	

MACH (2) = 1.103 TIME (7) = 500.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0480	
10.0600	.0376		-.0882
15.7800		-.0005	

MACH (2) = 1.102 TIME (8) = 501.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0452	
10.0600	.0370		-.0833
15.7800		-.0016	

MACH (2) = 1.102 TIME (9) = 502.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0442	
10.0600	.0382		-.0831
15.7800		-.0001	

FRSI - DESIGN LIMIT (IACU16)

MACH (2) = 1.103 TIME (10) = 503.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0464	
10.0600	.0361		-.0863
15.7800		-.0037	

MACH (2) = 1.104 TIME (11) = 504.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0465	
10.0600	.0392		-.0866
15.7800		.0005	

MACH (3) = 1.260 TIME (1) = 525.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0405	
10.0600	.0350		-.0828
15.7800		-.0006	

MACH (3) = 1.258 TIME (2) = 526.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0408	
10.0600	.0343		-.0831
15.7800		-.0013	

FRSI = DESIGN LIMIT (IACUI6)

MACH (3) = 1.257 TIME (3) = 527.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0404	
10.0600	.0341		-.0830
15.7800		-.0017	

MACH (3) = 1.255 TIME (4) = 528.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0431	
10.0600	.0330		-.0856
15.7800		-.0023	

MACH (3) = 1.257 TIME (5) = 529.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0402	
10.0600	.0336		-.0826
15.7800		-.0015	

MACH (3) = 1.256 TIME (6) = 530.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0417	
10.0600	.0332		-.0843
15.7800		-.0016	

FRSI - DESIGN LIMIT (1ACU16)

MACH (3) = 1.256 TIME (7) = 531.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0422	
10.0600	.0329		-.0845
15.7800		-.0026	

MACH (3) = 1.255 TIME (8) = 532.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0425	
10.0600	.0315		-.0843
15.7800		-.0033	

MACH (3) = 1.255 TIME (9) = 533.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0433	
10.0600	.0326		-.0859
15.7800		-.0024	

MACH (3) = 1.255 TIME (10) = 534.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0424	
10.0600	.0317		-.0839
15.7800		-.0036	

FRSI - DESIGN LIMIT (1ACU16)

MACH (3) = 1.254 TIME (11) = 535.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0433	
10.0600	.0316		-.0853
15.7800		-.0027	

MACH (4) = 1.401 TIME (1) = 600.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0249	
10.0600	.0320		-.0619
15.7800		.0071	

MACH (4) = 1.400 TIME (2) = 601.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0254	
10.0600	.0312		-.0633
15.7800		.0060	

MACH (4) = 1.399 TIME (3) = 602.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0261	
10.0600	.0309		-.0631
15.7600		.0058	

FRSI - DESIGN LIMIT (IACU16)

MACH (4) = 1.401 TIME (4) = 603.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0253	
10.0600	.0316		-.0628
15.7800		.0067	

MACH (4) = 1.399 TIME (5) = 604.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0253	
10.0600	.0324		-.0622
15.7800		.0076	

MACH (4) = 1.398 TIME (6) = 605.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0269	
10.0600	.0306		-.0641
15.7800		.0067	

MACH (4) = 1.399 TIME (7) = 606.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0249	
10.0600	.0318		-.0622
15.7800		.0075	

FRSI - DESIGN LIMIT (1ACU16)

MACH (4) = 1.397 TIME (8) = 607.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0266	
10.0600	.0296		-.0637
15.7800		.0054	

MACH (4) = 1.399 TIME (9) = 608.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0256	
10.0600	.0308		-.0634
15.7800		.0058	

MACH (4) = 1.399 TIME (10) = 609.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0266	
10.0600	.0300		-.0639
15.7800		.0058	

MACH (4) = 1.399 TIME (11) = 610.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0270	
10.0600	.0301		-.0640
15.7800		.0064	

FRSI - DESIGN LIMIT (2ACU16) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .895 TIME (1) = 430.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0424	
10.0600	.0219		-.0658
15.7800		-.0032	

MACH (1) = .896 TIME (2) = 431.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0352	
10.0600	.0222		-.0599
15.7800		-.0026	

MACH (1) = .896 TIME (3) = 432.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0411	
10.0600	.0230		-.0655
15.7800		-.0017	

MACH (1) = .897 TIME (4) = 433.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0388	
10.0600	.0237		-.0632
15.7800		-.0023	

FRSI - DESIGN LIMIT (2ACU16)

MACH (1) = .897 TIME (5) = 434.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0406	
10.0600	.0213		-.0645
15.7800		-.0048	

MACH (1) = .897 TIME (6) = 435.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0339	
10.0600	.0238		-.0582
15.7800		-.0015	

MACH (1) = .898 TIME (7) = 436.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0389	
10.0600	.0215		-.0632
15.7800		-.0046	

MACH (1) = .898 TIME (8) = 437.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0385	
10.0600	.0210		-.0624
15.7800		-.0041	

FRSI - DESIGN LIMIT (2ACU16)

MACH (1) = .896 TIME (9) = 438.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0413	
10.0600	.0209		-.0660
15.7800		-.0052	

MACH (1) = .898 TIME (10) = 439.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0368	
10.0600	.0262		-.0611
15.7800		.0010	

MACH (1) = .898 TIME (11) = 441.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0347	
10.0600	.0225		-.0583
15.7800		-.0029	

MACH (2) = 1.101 TIME (1) = 505.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0453	
10.0600	.0374		-.0838
15.7800		-.0006	

FRSI - DESIGN LIMIT (2ACU16)

MACH (2) = 1.103 TIME (2) = 506.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0456	
10.0600	.0363		-.0862
15.7800		-.0029	

MACH (2) = 1.102 TIME (3) = 507.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0470	
10.0600	.0362		-.0873
15.7800		-.0021	

MACH (2) = 1.103 TIME (4) = 508.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0461	
10.0600	.0366		-.0850
15.7800		-.0025	

MACH (2) = 1.102 TIME (5) = 509.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0456	
10.0600	.0372		-.0858
15.7800		-.0020	

FRSI - DESIGN LIMIT (2ACU16)

MACH (2) = 1.101 TIME (6) = 510.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0456	
10.0600	.0381		-.0859
15.7800		.0006	

MACH (2) = 1.103 TIME (7) = 511.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0471	
10.0600	.0367		-.0879
15.7800		-.0020	

MACH (2) = 1.102 TIME (8) = 512.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0478	
10.0600	.0360		-.0889
15.7800		-.0020	

MACH (2) = 1.101 TIME (9) = 513.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0441	
10.0600	.0387		-.0838
15.7800		.0018	

FRSI - DESIGN LIMIT (2ACU16)

MACH (2) = 1.104 TIME (10) = 514.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0455	
10.0600	.0376		-.0857
15.7800		-.0011	

MACH (2) = 1.102 TIME (11) = 515.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0472	
10.0600	.0373		-.0876
15.7800		-.0011	

MACH (3) = 1.254 TIME (1) = 536.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0433	
10.0600	.0321		-.0850
15.7800		-.0030	

MACH (3) = 1.256 TIME (2) = 537.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0411	
10.0600	.0336		-.0840
15.7800		-.0008	

FRSI - DESIGN LIMIT (2ACU16)

MACH (3) = 1.257 TIME (3) = 538.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0413	
10.0600	.0340		-.0835
15.7800		-.0015	

MACH (3) = 1.257 TIME (4) = 539.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0413	
10.0600	.0335		-.0845
15.7800		-.0033	

MACH (3) = 1.256 TIME (5) = 540.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0416	
10.0600	.0330		-.0839
15.7800		-.0028	

MACH (3) = 1.256 TIME (6) = 541.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0412	
10.0600	.0335		-.0835
15.7800		-.0018	

FRSI - DESIGN LIMIT (2ACU16)

MACH (3) = 1.256 TIME (7) = 542.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0414	
10.0600	.0335		-.0837
15.7800		-.0015	

MACH (3) = 1.257 TIME (8) = 543.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0410	
10.0600	.0340		-.0834
15.7800		-.0015	

MACH (3) = 1.256 TIME (9) = 544.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0407	
10.0600	.0333		-.0831
15.7800		-.0030	

MACH (3) = 1.255 TIME (10) = 545.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0417	
10.0600	.0329		-.0832
15.7800		-.0026	

FRSI - DESIGN LIMIT (2ACU16)

MACH (3) = 1.256 TIME (11) = 546.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0420	
10.0600	.0321		-.0843
15.7800		-.0037	

MACH (4) = 1.401 TIME (1) = 611.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0255	
10.0600	.0320		-.0627
15.7800		.0070	

MACH (4) = 1.400 TIME (2) = 612.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0256	
10.0600	.0318		-.0636
15.7800		.0071	

MACH (4) = 1.401 TIME (3) = 613.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0250	
10.0600	.0317		-.0627
15.7800		.0076	

FRSI - DESIGN LIMIT (2ACU16)

MACH (4) = 1.400 TIME (4) = 614.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0260	
10.0600	.0316		-.0628
15.7800		.0069	

MACH (4) = 1.401 TIME (5) = 616.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0251	
10.0600	.0326		-.0626
15.7800		.0085	

MACH (4) = 1.400 TIME (6) = 617.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0246	
10.0600	.0624		-.0621
15.7800		.0073	

MACH (4) = 1.401 TIME (7) = 618.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0236	
10.0600	.0330		-.0613
15.7800		.0086	

FRSI - DESIGN LIMIT (2ACU16)

MACH (4) = 1.398 TIME (8) = 619.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0264	
10.0600	.0308		-.0636
15.7800		.0072	

MACH (4) = 1.400 TIME (9) = 620.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0260	
10.0600	.0317		-.0630
15.7800		.0071	

MACH (4) = 1.401 TIME (10) = 621.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0245	
10.0600	.0321		-.0625
15.7800		.0074	

MACH (4) = 1.399 TIME (11) = 622.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)FRSI SUB SURFACE DEPENDENT VARIABLE CP

X	13.4500	25.0000	30.0500
Z			
5.1400		-.0260	
10.0600	.0310		-.0626
15.7800		.0061	

FRSI - STS-1 LIMIT (RACP08) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .039 MACH (1) = .938 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.0700	6.0700	6.0100	6.0100	6.1110	6.1090	6.1120	6.1080	6.1180	6.0990	6.1400	6.1370

WA (1) = .038 MACH (2) = 1.067 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.9100	5.8900	5.8400	5.8400	5.4250	5.4010	5.4100	5.3890	5.4120	5.3540	5.4180	5.4100

WA (1) = .035 MACH (3) = 1.142 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.2000	5.1900	5.1400	5.1300	5.1190	5.1090	5.1230	5.1100	5.1310	5.0810	5.1510	5.1450

WA (1) = .035 MACH (4) = 1.186 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.1000	5.1000	5.0300	5.0200	4.8680	4.8430	4.8570	4.8420	4.8490	4.8090	4.8600	4.8610

FRSI - STS-1 LIMIT (RACP08)

WA (1) = .033 MACH (5) = 1.231 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	4.7300	4.7300	4.6600	4.6500	4.5680	4.5440	4.5380	4.5290	4.5250	4.5030	4.5470	4.5420

WA (1) = .031 MACH (6) = 1.261 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	4.3400	4.3200	4.2800	4.2800	4.3530	4.3310	4.3350	4.3340	4.3400	4.3160	4.3660	4.3590

WA (1) = .030 MACH (7) = 1.344 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	4.1700	4.1500	4.1100	4.1000	4.1300	4.1000	4.1000	4.1030	4.1060	4.0740	4.1290	4.1230

WA (1) = .030 MACH (8) = 1.376 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	4.0800	4.0700	4.0200	4.0100	4.0050	3.9740	3.9710	3.9730	3.9740	3.9420	3.9910	3.9890

WA (1) = .027 MACH (9) = 1.410 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	3.8100	3.8100	3.7600	3.7500	3.7940	3.7780	3.7790	3.7930	3.8000	3.7790	3.8370	3.8490

FRSI - STS-1 ULTIMATE (RACP09) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .056 MACH (1) = 1.058 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	8.6900	8.6500	8.6100	8.5900	7.6780	7.6580	7.6760	7.6710	7.6740	7.6060	7.6920	7.6870

WA (1) = .048 MACH (2) = 1.130 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	7.5800	7.5700	7.5000	7.5000	7.2280	7.2080	7.2250	7.2030	7.2030	7.1410	7.2030	7.1830

WA (1) = .044 MACH (3) = 1.226 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	6.8000	6.8100	6.7300	6.7200	6.5780	6.5460	6.5320	6.5210	6.5040	6.4730	6.5130	6.4940

WA (1) = .043 MACH (4) = 1.276 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	6.3700	6.3300	6.2900	6.2800	6.1150	6.0800	6.0770	6.0720	6.0680	6.0280	6.0810	6.0780

FRSI - STS-1 ULTIMATE (RACP08)

WA (1) = .039 MACH (5) = 1.335 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	5.8600	5.8200	5.8200	5.8000	5.7270	5.6840	5.6840	5.6850	5.6850	5.6430	5.7090	5.7020

WA (1) = .038 MACH (6) = 1.370 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	5.5500	5.5100	5.5400	5.4800	5.4110	5.3760	5.3730	5.3760	5.3730	5.3270	5.3940	5.3910

WA (1) = .036 MACH (7) = 1.400 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	5.0300	5.0300	4.9800	4.9600	5.1190	5.0990	5.1050	5.1190	5.1280	5.0970	5.1690	5.1870

FRSI - DESIGN ULTIMATE (RACP10) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .072 MACH (1) = .966 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	10.8100	10.8000	10.7700	10.7300	10.3110	10.2710	10.2680	10.2300	10.2010	10.1300	10.1570	10.1410

WA (1) = .055 MACH (2) = 1.095 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.4600	8.4700	8.4100	8.3800	8.1030	8.0900	8.0950	8.0730	8.0950	8.0360	8.1240	8.1210

WA (1) = .053 MACH (3) = 1.124 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.1800	8.1900	8.1200	8.1000	8.1160	8.0610	8.0820	8.0410	8.0600	7.9860	8.0630	8.0260

WA (1) = .052 MACH (4) = 1.242 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	7.7300	7.7200	7.6700	7.6600	7.4520	7.4060	7.4000	7.3900	7.3800	7.3400	7.3940	7.3840

FRSI - DESIGN ULTIMATE (RACP10)

WA (1) = .048 MACH (5) = 1.274 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	7.2500	7.2300	7.2200	7.2100	7.1220	7.0820	7.0780	7.0810	7.0850	7.0350	7.1040	7.0910

WA (1) = .046 MACH (6) = 1.357 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	6.8700	6.8500	6.9000	6.8500	6.7010	6.6600	6.6490	6.6520	6.6460	6.5900	6.6680	6.6540

WA (1) = .046 MACH (7) = 1.378 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	6.5400	6.5300	6.5400	6.5000	6.4000	6.3640	6.3530	6.3640	6.3590	6.3140	6.3890	6.3770

WA (1) = .043 MACH (8) = 1.404 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	5.9900	6.0200	5.9700	5.9400	6.1050	6.0710	6.0820	6.0950	6.1040	6.0690	6.1520	6.1710

FRSI - DESIGN LIMIT (RACPII) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .901 TIME (1) = 2245.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0800	8.0400	8.0100	7.9700	8.0720	8.0870	8.0880	8.0720	8.0670	8.0350	8.0610	8.0780

MACH (1) = .901 TIME (2) = 2246.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0700	8.0300	8.0100	7.9700	8.0490	8.0470	8.0560	8.0620	8.0670	8.0420	8.0730	8.0890

MACH (1) = .901 TIME (3) = 2247.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0900	8.0500	8.0300	7.9900	8.0670	8.0860	8.0820	8.0790	8.0600	8.0390	8.0830	8.0800

MACH (1) = .902 TIME (4) = 2248.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0700	8.0300	8.0000	7.9600	8.0610	8.0630	8.0630	8.0520	8.0630	8.0420	8.1040	8.0980

FRSI - DESIGN LIMIT (RACP11)

MACH (1) = .906 TIME (5) = 2249.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0900	8.0500	8.0200	7.9800	8.0510	8.0420	8.0360	8.0420	8.0290	8.0290	8.0980	8.0920

MACH (2) = 1.104 TIME (1) = 2257.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.2000	6.1900	6.1300	6.1200	6.2220	6.2060	6.2360	6.2240	6.2390	6.1810	6.2530	6.2410

MACH (2) = 1.109 TIME (2) = 2258.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.2200	6.2100	6.1500	6.1400	6.2060	6.1950	6.2060	6.1950	6.2120	6.1470	6.2180	6.2230

MACH (2) = 1.108 TIME (3) = 2259.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.2200	6.2000	6.1500	6.1300	6.2090	6.1900	6.2050	6.1910	6.2180	6.1650	6.2360	6.2300

MACH (2) = 1.104 TIME (4) = 2300.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.2100	6.2000	6.1400	6.1300	6.2050	6.1970	6.2160	6.2090	6.2300	6.1800	6.2530	6.2590

FRSI - DESIGN LIMIT (RACP11)

MACH (2) = 1.103 TIME (5) = 2301.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.2100	6.1900	6.1400	6.1200	6.2190	6.2060	6.2280	6.2140	6.2330	6.1810	6.2610	6.2590

MACH (3) = 1.257 TIME (1) = 2304.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0000	4.9700	4.9700	5.0390	5.0140	5.0200	5.0170	5.0290	4.9980	5.0510	5.0520

MACH (3) = 1.251 TIME (2) = 2305.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0600	5.0300	4.9800	4.9800	5.0620	5.0370	5.0420	5.0430	5.0460	5.0180	5.0730	5.0640

MACH (3) = 1.253 TIME (3) = 2306.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0500	5.0200	4.9800	4.9800	5.0530	5.0320	5.0330	5.0380	5.0440	5.0100	5.0640	5.0660

MACH (3) = 1.256 TIME (4) = 2307.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0500	5.0200	4.9800	4.9800	5.0500	5.0230	5.0290	5.0280	5.0350	5.0070	5.0550	5.0540

FRSI - DESIGN LIMIT (RACP11)

MACH (3) = 1.254 TIME (5) = 2308.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0500	5.0100	4.9800	4.9800	5.0580	5.0290	5.0320	5.0350	5.0380	5.0070	5.0670	5.0580

MACH (4) = 1.409 TIME (1) = 2313.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.2000	4.2100	4.1400	4.1400	4.1990	4.1810	4.1800	4.1870	4.1940	4.1650	4.2270	4.2220

MACH (4) = 1.410 TIME (2) = 2314.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.2000	4.2100	4.1400	4.1400	4.2040	4.1820	4.1790	4.1890	4.1910	4.1600	4.2170	4.2260

MACH (4) = 1.409 TIME (3) = 2315.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.2100	4.2100	4.1400	4.1400	4.2140	4.1900	4.1890	4.1940	4.1990	4.1680	4.2250	4.2310

MACH (4) = 1.407 TIME (4) = 2316.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.2000	4.2000	4.1400	4.1300	4.2110	4.1870	4.1870	4.1980	4.1990	4.1680	4.2300	4.2360

FRSI - DESIGN LIMIT (RACP11)

MACH (4) = 1.408 TIME (5) = 2317.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.2000	4.2000	4.1300	4.1300	4.2000	4.1780	4.1750	4.1840	4.1890	4.1560	4.2150	4.2170

FRSI - DESIGN LIMIT (1ACP12) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 5.600

MACH (1) = .899 TIME (1) = 118.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	39.2000	38.6800	35.0800	37.6300	9.3380	9.4600	9.3920	9.3710	9.2280	9.2250	9.2230	9.2110

MACH (1) = .899 TIME (2) = 119.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	39.3800	38.9300	35.3400	37.8300	9.3410	9.4720	9.4010	9.3680	9.2160	9.2080	9.2110	9.2280

MACH (1) = .899 TIME (3) = 120.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.1600	37.6800	34.1600	36.6400	9.2880	9.4080	9.3530	9.3320	9.1900	9.1970	9.2020	9.1840

MACH (1) = .899 TIME (4) = 121.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.5200	38.0700	34.5600	36.9600	9.3110	9.4360	9.3600	9.3540	9.2200	9.2080	9.2120	9.1970

FRSI - DESIGN LIMIT (1ACP12)

MACH (1) = .899 TIME (5) = 122.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.2100	37.8700	34.3000	36.6800	9.3250	9.4240	9.3540	9.3460	9.2120	9.2070	9.2040	9.1850

MACH (1) = .901 TIME (6) = 123.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.2300	37.7900	34.3100	36.7000	9.2970	9.4200	9.3470	9.3290	9.1820	9.1690	9.1820	9.1750

MACH (1) = .900 TIME (7) = 124.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.3300	37.8900	34.3600	36.8100	9.3150	9.4180	9.3720	9.3350	9.1880	9.1810	9.1820	9.1610

MACH (1) = .898 TIME (8) = 125.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.3600	37.9600	34.4700	36.8400	9.3120	9.4230	9.3540	9.3530	9.1870	9.2060	9.2080	9.1990

MACH (1) = .899 TIME (9) = 126.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.4700	38.0600	34.5100	36.9300	9.3070	9.4410	9.3860	9.3490	9.2010	9.1840	9.1780	9.1930

FRSI - DESIGN LIMIT (IACP12)

MACH (1) = .899 TIME (10) = 127.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.4300	37.9800	34.5200	36.9300	9.3020	9.4330	9.3590	9.3470	9.1910	9.1870	9.2080	9.2080

MACH (1) = .900 TIME (11) = 128.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.5700	38.1500	34.5800	37.0100	9.3010	9.4260	9.3690	9.3600	9.1950	9.1980	9.1970	9.2180

FRSI - DESIGN LIMIT (2ACP12) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 5.600

MACH (1) = .896 TIME (1) = 129.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.5400	38.1800	34.6300	37.0400	9.3290	9.4630	9.3990	9.3620	9.2120	9.2250	9.2190	9.2360

MACH (1) = .898 TIME (2) = 130.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.4500	38.1600	34.6300	36.9400	9.3300	9.4450	9.3870	9.3550	9.1980	9.1910	9.1850	9.2130

MACH (1) = .899 TIME (3) = 131.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.3200	37.8800	34.3600	36.8300	9.3150	9.4350	9.3600	9.3420	9.2180	9.1990	9.2000	9.1910

MACH (1) = .898 TIME (4) = 132.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.4100	37.9100	34.3800	36.8700	9.3260	9.4310	9.3780	9.3570	9.2150	9.2050	9.1940	9.1990

FRSI - DESIGN LIMIT (2ACP12)

MACH (1) = .898 TIME (5) = 133.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.3100	38.0300	34.5100	36.8100	9.3140	9.4430	9.3630	9.3300	9.2090	9.1930	9.2020	9.2120

MACH (1) = .898 TIME (6) = 134.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.4500	38.0000	34.4400	36.9100	9.3300	9.4260	9.3780	9.3670	9.2160	9.2010	9.1950	9.1970

MACH (1) = .898 TIME (7) = 135.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.3800	38.0400	34.4700	36.8600	9.3310	9.4390	9.3700	9.3270	9.1980	9.1820	9.1970	9.2120

MACH (1) = .896 TIME (8) = 136.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.4800	38.0900	34.5100	36.9300	9.3240	9.4510	9.3810	9.3620	9.2210	9.2060	9.2100	9.2240

MACH (1) = .898 TIME (9) = 137.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.5200	38.0300	34.5100	36.9600	9.3180	9.4290	9.3680	9.3780	9.2210	9.2050	9.1990	9.1960

FRSI - DESIGN LIMIT (2ACP12)

MACH (1) = .898 TIME (10) = 138.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.5100	38.0900	34.5100	36.9600	9.3350	9.4570	9.3570	9.3620	9.1910	9.1870	9.1940	9.1880

MACH (1) = .898 TIME (11) = 139.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	38.5300	38.1600	34.5900	37.0000	9.3140	9.4380	9.3780	9.3530	9.2220	9.2050	9.2060	9.1990

FRSI - DESIGN LIMIT (1ACP13) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.730

MACH (1) = 1.104 TIME (1) = 153.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.0900	12.1300	10.8800	11.5500	6.7790	6.8020	6.7930	6.7760	6.7590	6.7570	6.7760	6.7790

MACH (1) = 1.104 TIME (2) = 155.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1100	12.1300	10.8800	11.5700	6.7840	6.7910	6.7880	6.7700	6.7600	6.7440	6.7700	6.7790

MACH (1) = 1.100 TIME (3) = 156.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1200	12.1400	10.8900	11.5800	6.8060	6.8180	6.8200	6.8000	6.7810	6.7690	6.7720	6.7850

MACH (1) = 1.101 TIME (4) = 157.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1400	12.1600	10.9000	11.5900	6.7850	6.7940	6.7980	6.7890	6.7730	6.7580	6.7890	6.7880

FRSI - DESIGN LIMIT (1ACP13)

MACH (1) = 1.102 TIME (5) = 158.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	11.6400	11.6500	10.5100	11.1600	6.7510	6.7770	6.7730	6.7520	6.7330	6.7260	6.7460	6.7350

MACH (1) = 1.102 TIME (6) = 159.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	11.3600	11.3900	10.2400	10.8700	6.7270	6.7550	6.7420	6.7360	6.7210	6.7150	6.7400	6.7150

MACH (1) = 1.101 TIME (7) = 200.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	11.8100	11.8500	10.6500	11.3000	6.7800	6.8050	6.7990	6.7800	6.7550	6.7350	6.7800	6.7580

MACH (1) = 1.103 TIME (8) = 201.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1400	12.1900	10.9200	11.6000	6.7840	6.8060	6.8060	6.7940	6.7700	6.7570	6.7690	6.7720

MACH (1) = 1.102 TIME (9) = 202.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1700	12.1900	10.9400	11.6300	6.7880	6.8060	6.7970	6.7870	6.7900	6.7600	6.7810	6.7730

FRSI - DESIGN LIMIT (IACP13)

MACH (1) = 1.102 TIME (10) = 203.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.2000	12.2000	10.9500	11.6600	6.7950	6.8100	6.8040	6.7940	6.7850	6.7630	6.7730	6.7840

MACH (1) = 1.102 TIME (11) = 204.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.2300	12.2300	10.9700	11.6900	6.7950	6.8070	6.7970	6.7910	6.7910	6.7640	6.7780	6.7920

FRSI - DESIGN LIMIT (2ACP13) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.730

MACH (1) = 1.101 TIME (1) = 205.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.2400	12.2500	10.9900	11.7100	6.7850	6.8030	6.8000	6.7940	6.7680	6.7680	6.7910	6.8060

MACH (1) = 1.103 TIME (2) = 206.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.2400	12.2900	11.0100	11.7100	6.7820	6.8060	6.8100	6.7880	6.7780	6.7690	6.7840	6.7750

MACH (1) = 1.103 TIME (3) = 207.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1200	12.1700	10.9200	11.5900	6.7760	6.7980	6.7900	6.7820	6.7670	6.7540	6.7700	6.7700

MACH (1) = 1.103 TIME (4) = 209.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1400	12.1800	10.9200	11.6000	6.7790	6.7960	6.7960	6.7830	6.7770	6.7620	6.7700	6.7760

FRSI - DESIGN LIMIT (2ACP13)

MACH (1) = 1.103 TIME (5) = 210.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1600	12.1800	10.9300	11.6300	6.7860	6.7970	6.7930	6.7900	6.7660	6.7500	6.7750	6.7780

MACH (1) = 1.102 TIME (6) = 211.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1600	12.2100	10.9500	11.6300	6.7840	6.8050	6.8060	6.7950	6.7860	6.7680	6.7740	6.7770

MACH (1) = 1.102 TIME (7) = 212.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1800	12.1900	10.9700	11.6600	6.7920	6.8050	6.8030	6.7900	6.7840	6.7650	6.7770	6.7750

MACH (1) = 1.104 TIME (8) = 213.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.2000	12.2400	10.9800	11.6600	6.7890	6.7970	6.7870	6.7890	6.7720	6.7580	6.7690	6.7800

MACH (1) = 1.103 TIME (9) = 214.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.2100	12.2400	10.9800	11.6700	6.8030	6.8220	6.8210	6.8190	6.8060	6.7940	6.8020	6.8100

FRSI - DESIGN LIMIT (2ACP13)

MACH (1) = 1.106 TIME (10) = 215.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.2300	12.2700	11.0000	11.7100	6.8830	6.8990	6.8990	6.8880	6.8740	6.8670	6.8880	6.8790

MACH (1) = 1.133 TIME (11) = 216.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1900	12.2400	11.0200	11.6900	6.9970	7.0230	7.0200	6.9970	6.9890	6.9760	7.0070	7.0060

FRSI - DESIGN LIMIT (IACP14) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.100

MACH (1) = 1.253 TIME (1) = 234.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.3700	8.4700	7.5600	8.0200	5.4250	5.4340	5.4310	5.4280	5.4290	5.4010	5.4370	5.4430

MACH (1) = 1.252 TIME (2) = 235.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	7.9800	8.1000	7.2600	7.6500	5.4060	5.4090	5.4120	5.3990	5.4050	5.3750	5.4060	5.4150

MACH (1) = 1.251 TIME (3) = 236.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	7.9900	8.1000	7.2600	7.6600	5.4020	5.4080	5.4110	5.4030	5.4140	5.3800	5.4120	5.4170

MACH (1) = 1.252 TIME (4) = 237.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0000	8.1200	7.2700	7.6800	5.4060	5.4130	5.4190	5.4090	5.4080	5.3780	5.4090	5.4220

FRSI - DESIGN LIMIT (IACP14)

MACH (1) = 1.251 TIME (5) = 238.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0100	8.1300	7.2800	7.6900	5.4080	5.4150	5.4180	5.4000	5.4120	5.3800	5.4210	5.4200

MACH (1) = 1.250 TIME (6) = 239.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0200	8.1300	7.2800	7.7000	5.4060	5.4140	5.4200	5.4110	5.4060	5.3860	5.4180	5.4180

MACH (1) = 1.251 TIME (7) = 240.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0200	8.1600	7.3000	7.7000	5.4090	5.4160	5.4180	5.4080	5.4180	5.3870	5.4150	5.4180

MACH (1) = 1.252 TIME (8) = 241.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0400	8.1500	7.3000	7.7200	5.4060	5.4180	5.4180	5.4090	5.4170	5.3810	5.4170	5.4150

MACH (1) = 1.251 TIME (9) = 242.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0500	8.1700	7.3100	7.7200	5.4110	5.4200	5.4200	5.4090	5.4090	5.3800	5.4260	5.4200

FRSI - DESIGN LIMIT (1ACP14)

MACH (1) = 1.251 TIME (10) = 243.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0500	8.1700	7.3100	7.7300	5.4110	5.4170	5.4230	5.4110	5.4210	5.3870	5.4180	5.4200

MACH (1) = 1.252 TIME (11) = 244.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0500	8.2000	7.3300	7.7300	5.4150	5.4160	5.4240	5.4120	5.4130	5.3810	5.4180	5.4250

FRSI - DESIGN LIMIT (2ACP14) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.100

MACH (1) = 1.251 TIME (1) = 245.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0700	8.1900	7.3200	7.7400	5.4150	5.4180	5.4210	5.4110	5.4210	5.3900	5.4220	5.4280

MACH (1) = 1.251 TIME (2) = 246.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0800	8.1900	7.3400	7.7500	5.4090	5.4210	5.4280	5.4180	5.4150	5.3870	5.4220	5.4260

MACH (1) = 1.250 TIME (3) = 247.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0800	8.2000	7.3400	7.7500	5.4130	5.4220	5.4250	5.4150	5.4240	5.3900	5.4240	5.4240

MACH (1) = 1.251 TIME (4) = 248.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0900	8.2100	7.3400	7.7600	5.4120	5.4210	5.4160	5.4160	5.4160	5.3870	5.4190	5.4190

FRSI - DESIGN LIMIT (2ACP14)

MACH (1) = 1.252 TIME (5) = 249.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.1000	8.2100	7.3400	7.7700	5.4180	5.4190	5.4270	5.4090	5.4190	5.3870	5.4190	5.4240

MACH (1) = 1.251 TIME (6) = 250.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.1100	8.2200	7.3500	7.7800	5.4120	5.4190	5.4220	5.4150	5.4150	5.3870	5.4160	5.4250

MACH (1) = 1.250 TIME (7) = 251.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.1100	8.2300	7.3600	7.7900	5.4150	5.4250	5.4280	5.4190	5.4180	5.3850	5.4280	5.4220

MACH (1) = 1.251 TIME (8) = 252.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.1200	8.2400	7.3700	7.7900	5.4160	5.4230	5.4260	5.4150	5.4230	5.3940	5.4250	5.4280

MACH (1) = 1.251 TIME (9) = 253.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.1300	8.2300	7.3600	7.8100	5.4160	5.4210	5.4250	5.4190	5.4250	5.3930	5.4250	5.4270

FRSI - DESIGN LIMIT (2ACP14)

MACH (1) = 1.252 TIME (10) = 254.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.1400	8.2400	7.3800	7.8200	5.4120	5.4210	5.4220	5.4120	5.4240	5.3860	5.4270	5.4240

MACH (1) = 1.251 TIME (11) = 255.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.1500	8.2600	7.3900	7.8300	5.4110	5.4210	5.4220	5.4150	5.4180	5.3870	5.4250	5.4210

FRSI - DESIGN LIMIT (IACP15) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.750

MACH (1) = 1.404 TIME (1) = 305.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1000	12.2200	10.8400	11.5700	4.8500	4.8590	4.8520	4.8430	4.8190	4.8120	4.8190	4.8180

MACH (1) = 1.404 TIME (2) = 306.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.0400	12.1400	10.7500	11.5100	4.8450	4.8570	4.8530	4.8380	4.8140	4.8080	4.8160	4.8160

MACH (1) = 1.403 TIME (3) = 307.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.0300	12.0900	10.7300	11.5000	4.8470	4.8590	4.8500	4.8420	4.8160	4.8090	4.8100	4.8170

MACH (1) = 1.404 TIME (4) = 308.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.0400	12.0900	10.7400	11.5200	4.8480	4.8590	4.8500	4.8370	4.8130	4.8100	4.8160	4.8170

FRSI - DESIGN LIMIT (1ACP15)

MACH (1) = 1.403 TIME (5) = 309.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.0600	12.1300	10.7600	11.5400	4.8480	4.8590	4.8510	4.8420	4.8140	4.8060	4.8160	4.8190

MACH (1) = 1.403 TIME (6) = 310.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.0600	12.1500	10.7700	11.5400	4.8510	4.8590	4.8510	4.8410	4.8170	4.8130	4.8160	4.8190

MACH (1) = 1.404 TIME (7) = 311.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1000	12.1500	10.7800	11.5700	4.8460	4.8600	4.8520	4.8360	4.8110	4.8060	4.8150	4.8180

MACH (1) = 1.403 TIME (8) = 312.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1000	12.1600	10.7900	11.5700	4.8460	4.8550	4.8460	4.8400	4.8120	4.8050	4.8090	4.8140

MACH (1) = 1.402 TIME (9) = 313.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1200	12.1800	10.8000	11.5900	4.8480	4.8570	4.8520	4.8450	4.8170	4.8090	4.8170	4.8200

FRSI - DESIGN LIMIT (1ACP15)

MACH (1) = 1.400 TIME (10) = 314.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1300	12.1900	10.8100	11.6100	4.8490	4.8600	4.8570	4.8490	4.8230	4.8150	4.8230	4.8200

MACH (1) = 1.401 TIME (11) = 315.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1500	12.2100	10.8400	11.6200	4.8520	4.8610	4.8550	4.8430	4.8200	4.8150	4.8230	4.8240

FRSI - DESIGN LIMIT (2ACP15) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.750

MACH (1) = 1.401 TIME (1) = 316.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.1500	12.2400	10.8700	11.6300	4.8520	4.8620	4.8550	4.8480	4.8220	4.8170	4.8220	4.8220

MACH (1) = 1.400 TIME (2) = 317.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	12.0500	12.1500	10.7800	11.5300	4.8420	4.8510	4.8460	4.8340	4.8060	4.7990	4.8080	4.8140

MACH (1) = 1.401 TIME (3) = 318.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	11.8700	11.9600	10.6000	11.3500	4.8390	4.8460	4.8340	4.8280	4.8030	4.8000	4.8060	4.8080

MACH (1) = 1.401 TIME (4) = 319.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	11.8700	11.9500	10.6100	11.3500	4.8370	4.8450	4.8420	4.8330	4.8050	4.7980	4.8090	4.8080

FRSI - DESIGN LIMIT (2ACP15)

MACH (1) = 1.401 TIME (5) = 320.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	11.8900	11.9600	10.6200	11.3800	4.8400	4.8480	4.8390	4.8300	4.8030	4.7980	4.8050	4.8090

MACH (1) = 1.401 TIME (6) = 321.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	11.9100	11.9800	10.6300	11.3800	4.8360	4.8480	4.8400	4.8330	4.8060	4.8020	4.8080	4.8030

MACH (1) = 1.402 TIME (7) = 322.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	11.9200	11.9800	10.6300	11.4100	4.8360	4.8480	4.8400	4.8310	4.8060	4.7990	4.8050	4.8080

MACH (1) = 1.402 TIME (8) = 323.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	11.9200	12.0000	10.6600	11.4100	4.8390	4.8460	4.8400	4.8340	4.8060	4.8050	4.8110	4.8090

MACH (1) = 1.401 TIME (9) = 324.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	11.9300	12.0300	10.6600	11.4200	4.8370	4.8480	4.8430	4.8370	4.8050	4.8030	4.8080	4.8120

FRSI - DESIGN LIMIT (2ACP15)

MACH (1) = 1.403 TIME (10) = 325.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	11.9500	12.0400	10.6800	11.4400	4.8340	4.8460	4.8400	4.8300	4.8060	4.8020	4.8090	4.8080

MACH (1) = 1.402 TIME (11) = 326.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	11.9800	12.0500	10.6900	11.4600	4.8390	4.8510	4.8400	4.8330	4.8090	4.8020	4.8120	4.8170

FRSI - DESIGN LIMIT (1ACP16) (02 APR 82)

REFERENCE DATA

PARAMETRIC DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

WA = .000

MACH (1) = .897 TIME (1) = 418.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0500	8.0700	7.9900	7.9900	8.0740	8.0890	8.0830	8.0930	8.0860	8.0720	8.1160	8.1080

MACH (1) = .898 TIME (2) = 419.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0600	8.0700	8.0000	7.9900	8.0830	8.0720	8.0750	8.0810	8.0780	8.0710	8.0980	8.0930

MACH (1) = .897 TIME (3) = 420.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0400	8.0500	7.9700	7.9600	8.0990	8.0950	8.0920	8.0770	8.0750	8.0770	8.1050	8.0960

MACH (1) = .896 TIME (4) = 421.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0500	8.0600	7.9900	7.9800	8.0920	8.1080	8.1070	8.1130	8.0860	8.0690	8.1140	8.1100

FRSI - DESIGN LIMIT (1ACP16)

MACH (1) = .898 TIME (5) = 423.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0500	8.0600	7.9900	7.9800	8.1090	8.0770	8.0750	8.0750	8.0690	8.0660	8.0970	8.0950

MACH (1) = .896 TIME (6) = 424.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0400	8.0500	7.9800	7.9700	8.0960	8.0950	8.0990	8.1050	8.1020	8.0800	8.1040	8.0960

MACH (1) = .898 TIME (7) = 425.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0600	8.0600	7.9900	7.9800	8.0750	8.0800	8.0750	8.0680	8.0630	8.0470	8.0980	8.0890

MACH (1) = .897 TIME (8) = 426.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0500	8.0500	7.9900	7.9700	8.1020	8.0830	8.0860	8.0980	8.0890	8.0630	8.0990	8.0960

MACH (1) = .897 TIME (9) = 427.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0500	8.0600	8.0000	7.9800	8.0920	8.1070	8.0980	8.0980	8.0860	8.0580	8.1000	8.1130

FRSI - DESIGN LIMIT (IACPI6)

MACH (1) = .897 TIME (10) = 428.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0600	8.0600	8.0000	7.9800	8.1070	8.0880	8.0940	8.0890	8.0730	8.0600	8.1060	8.1120

MACH (1) = .896 TIME (11) = 429.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0600	8.0600	8.0000	7.9800	8.0910	8.0910	8.1010	8.1040	8.1010	8.0680	8.0920	8.0880

MACH (2) = 1.104 TIME (1) = 454.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.1800	6.1900	6.1100	6.1000	6.2040	6.1980	6.2200	6.2120	6.2390	6.1760	6.2510	6.2380

MACH (2) = 1.103 TIME (2) = 455.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.1900	6.2000	6.1200	6.1100	6.1990	6.1970	6.2160	6.2060	6.2370	6.1790	6.2620	6.2560

MACH (2) = 1.103 TIME (3) = 456.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.1900	6.2000	6.1200	6.1100	6.2120	6.2100	6.2240	6.2100	6.2280	6.1750	6.2440	6.2360

FRSI - DESIGN LIMIT (1ACP16)

MACH (2) = 1.103 TIME (4) = 457.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	6.1800	6.1900	6.1200	6.1100	6.2210	6.2120	6.2280	6.2070	6.2270	6.1680	6.2560	6.2500

MACH (2) = 1.104 TIME (5) = 458.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	6.1800	6.1900	6.1200	6.1100	6.2050	6.1930	6.2160	6.2050	6.2340	6.1820	6.2610	6.2490

MACH (2) = 1.103 TIME (6) = 459.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	6.1900	6.2000	6.1200	6.1100	6.2140	6.2010	6.2270	6.2080	6.2270	6.1750	6.2520	6.2510

MACH (2) = 1.103 TIME (7) = 500.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	6.1900	6.2000	6.1200	6.1100	6.2090	6.2050	6.2270	6.2190	6.2300	6.1740	6.2620	6.2500

MACH (2) = 1.102 TIME (8) = 501.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	6.1800	6.1900	6.1100	6.1000	6.2120	6.2000	6.2340	6.2190	6.2400	6.1970	6.2620	6.2680

FRSI - DESIGN LIMIT (IACP16)

MACH (2) = 1.102 TIME (9) = 502.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	6.1900	6.1900	6.1200	6.1100	6.2100	6.2070	6.2350	6.2170	6.2350	6.1820	6.2680	6.2690

MACH (2) = 1.103 TIME (10) = 503.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	6.1800	6.1900	6.1100	6.1000	6.2220	6.2130	6.2250	6.2190	6.2280	6.1790	6.2510	6.2470

MACH (2) = 1.104 TIME (11) = 504.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	6.1800	6.1900	6.1200	6.1100	6.2070	6.1990	6.2180	6.2070	6.2260	6.1800	6.2520	6.2510

MACH (3) = 1.260 TIME (1) = 525.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	5.0700	5.0700	5.0100	5.0100	5.1010	5.0730	5.0760	5.0760	5.0820	5.0550	5.1060	5.1030

MACH (3) = 1.258 TIME (2) = 526.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	5.0400	5.0500	4.9800	5.0000	5.0790	5.0500	5.0530	5.0570	5.0600	5.0370	5.0840	5.0750

FRSI - DESIGN LIMIT (1ACP16)

MACH (3) = 1.257 TIME (3) = 527.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0400	4.9700	4.9900	5.0790	5.0540	5.0570	5.0600	5.0640	5.0350	5.0830	5.0860

MACH (3) = 1.255 TIME (4) = 528.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0500	4.9800	4.9900	5.0850	5.0570	5.0580	5.0630	5.0610	5.0380	5.0940	5.0850

MACH (3) = 1.257 TIME (5) = 529.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0500	4.9800	4.9900	5.0820	5.0590	5.0600	5.0620	5.0690	5.0380	5.0890	5.0880

MACH (3) = 1.256 TIME (6) = 530.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0400	4.9800	4.9900	5.0770	5.0520	5.0560	5.0550	5.0620	5.0360	5.0860	5.0830

MACH (3) = 1.256 TIME (7) = 531.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0500	4.9800	4.9900	5.0790	5.0550	5.0600	5.0670	5.0670	5.0370	5.0830	5.0790

FRSI - DESIGN LIMIT (1ACP16)

MACH (3) = 1.255 TIME (8) = 532.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0500	4.9800	5.0000	5.0790	5.0580	5.0630	5.0670	5.0720	5.0410	5.0940	5.0880

MACH (3) = 1.255 TIME (9) = 533.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0500	4.9800	5.0000	5.0820	5.0550	5.0570	5.0630	5.0670	5.0420	5.0910	5.0910

MACH (3) = 1.255 TIME (10) = 534.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0500	4.9800	5.0000	5.0860	5.0600	5.0630	5.0630	5.0660	5.0380	5.0940	5.0890

MACH (3) = 1.254 TIME (11) = 535.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0500	4.9800	4.9900	5.0820	5.0600	5.0610	5.0640	5.0720	5.0410	5.0920	5.0890

MACH (4) = 1.401 TIME (1) = 600.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1700	4.2300	4.1200	4.1500	4.2250	4.2050	4.2050	4.2090	4.2150	4.1840	4.2420	4.2460

FRSI - DESIGN LIMIT (1ACP16)

MACH (4) = 1.400 TIME (2) = 601.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	4.1700	4.2300	4.1200	4.1400	4.2220	4.1990	4.1970	4.2060	4.2140	4.1800	4.2340	4.2390

MACH (4) = 1.399 TIME (3) = 602.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	4.1700	4.2300	4.1200	4.1400	4.2230	4.1980	4.1980	4.2040	4.2130	4.1820	4.2350	4.2440

MACH (4) = 1.401 TIME (4) = 603.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	4.1700	4.2300	4.1200	4.1400	4.2200	4.1940	4.1910	4.2030	4.2070	4.1780	4.2290	4.2410

MACH (4) = 1.399 TIME (5) = 604.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	4.1700	4.2300	4.1200	4.1400	4.2250	4.2010	4.2030	4.2100	4.2170	4.1850	4.2450	4.2480

MACH (4) = 1.398 TIME (6) = 605.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI 1.00000	4.1700	4.2300	4.1200	4.1400	4.2300	4.2060	4.2020	4.2120	4.2180	4.1870	4.2460	4.2500

FRSI - DESIGN LIMIT (IACP18)

MACH (4) = 1.399 TIME (7) = 606.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1700	4.2300	4.1200	4.1400	4.2280	4.2040	4.2030	4.2080	4.2140	4.1850	4.2390	4.2420

MACH (4) = 1.397 TIME (8) = 607.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1700	4.2300	4.1200	4.1400	4.2270	4.2040	4.2070	4.2130	4.2170	4.1850	4.2380	4.2510

MACH (4) = 1.399 TIME (9) = 608.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1700	4.2300	4.1100	4.1400	4.2240	4.2000	4.2020	4.2070	4.2130	4.1800	4.2430	4.2470

MACH (4) = 1.399 TIME (10) = 609.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1700	4.2300	4.1200	4.1400	4.2180	4.1960	4.1960	4.2050	4.2120	4.1780	4.2330	4.2390

MACH (4) = 1.399 TIME (11) = 610.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1700	4.2300	4.1200	4.1400	4.2210	4.2000	4.1990	4.2090	4.2120	4.1800	4.2370	4.2470

FRSI - DESIGN LIMIT (2ACP16) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .895 TIME (1) = 430.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0600	8.0600	8.0000	7.9800	8.1000	8.1120	8.1120	8.1210	8.1250	8.0890	8.1300	8.1150

MACH (1) = .896 TIME (2) = 431.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0600	8.0600	8.0000	7.9800	8.0800	8.0940	8.1060	8.0890	8.0740	8.0670	8.1120	8.1150

MACH (1) = .896 TIME (3) = 432.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0500	8.0500	7.9900	7.9700	8.0830	8.0950	8.1040	8.1120	8.0950	8.0860	8.1180	8.1070

MACH (1) = .897 TIME (4) = 433.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0700	8.0700	8.0100	7.9900	8.0770	8.0790	8.0910	8.0970	8.0830	8.0730	8.1040	8.1070

FRSI - DESIGN LIMIT (2ACP16)

MACH (1) = .897 TIME (5) = 434.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0700	8.0700	8.0100	7.9900	8.0820	8.0880	8.0910	8.0890	8.0890	8.0610	8.0950	8.0940

MACH (1) = .897 TIME (6) = 435.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0400	8.0400	7.9800	7.9600	8.1030	8.0930	8.0970	8.0810	8.0760	8.0610	8.1140	8.1370

MACH (1) = .898 TIME (7) = 436.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0500	8.0500	7.9900	7.9700	8.0980	8.0780	8.0840	8.0780	8.0690	8.0620	8.0840	8.0900

MACH (1) = .898 TIME (8) = 437.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0500	8.0500	7.9900	7.9700	8.0890	8.0900	8.0810	8.0900	8.0870	8.0540	8.0920	8.0980

MACH (1) = .896 TIME (9) = 438.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0400	8.0400	7.9800	7.9600	8.1050	8.1020	8.1030	8.0910	8.0840	8.0700	8.0930	8.0970

FRSI - DESIGN LIMIT (2ACP16)

MACH (1) = .898 TIME (10) = 439.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0500	8.0500	7.9900	7.9700	8.0600	8.0770	8.0770	8.0700	8.0790	8.0670	8.1130	8.1060

MACH (1) = .898 TIME (11) = 441.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	8.0500	8.0500	7.9900	7.9600	8.0770	8.0840	8.0800	8.0710	8.0710	8.0510	8.0950	8.1110

MACH (2) = 1.101 TIME (1) = 505.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.1800	6.2000	6.1200	6.1100	6.2160	6.2130	6.2330	6.2180	6.2470	6.1960	6.2680	6.2640

MACH (2) = 1.103 TIME (2) = 506.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.1800	6.1900	6.1200	6.1000	6.2140	6.2100	6.2230	6.2170	6.2420	6.1800	6.2570	6.2580

MACH (2) = 1.102 TIME (3) = 507.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.1800	6.2000	6.1200	6.1100	6.2140	6.2110	6.2380	6.2350	6.2430	6.1870	6.2570	6.2580

FRSI - DESIGN LIMIT (2ACP16)

MACH (2) = 1.103 TIME (4) = 509.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.1800	6.1900	6.1200	6.1100	6.2210	6.2150	6.2300	6.2210	6.2360	6.1800	6.2500	6.2520

MACH (2) = 1.102 TIME (5) = 509.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.1900	6.2000	6.1300	6.1200	6.2130	6.2020	6.2360	6.2270	6.2310	6.1840	6.2520	6.2530

MACH (2) = 1.101 TIME (6) = 510.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.2000	6.2100	6.1300	6.1300	6.2180	6.2090	6.2340	6.2250	6.2400	6.1900	6.2780	6.2590

MACH (2) = 1.103 TIME (7) = 511.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.1800	6.1900	6.1200	6.1000	6.2220	6.2180	6.2340	6.2150	6.2300	6.1710	6.2460	6.2460

MACH (2) = 1.102 TIME (8) = 512.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.2000	6.2100	6.1300	6.1300	6.2280	6.2160	6.2370	6.2180	6.2340	6.1810	6.2720	6.2460

FRSI - DESIGN LIMIT (2ACP16)

MACH (2) = 1.101 TIME (9) = 513.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.2000	6.2000	6.1300	6.1300	6.2270	6.2120	6.2400	6.2120	6.2360	6.1900	6.2740	6.2670

MACH (2) = 1.104 TIME (10) = 514.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.2000	6.2100	6.1300	6.1300	6.2090	6.1990	6.2250	6.2110	6.2330	6.1770	6.2490	6.2580

MACH (2) = 1.102 TIME (11) = 515.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	6.1900	6.2000	6.1300	6.1200	6.2200	6.2120	6.2290	6.2190	6.2380	6.1810	6.2560	6.2560

MACH (3) = 1.254 TIME (1) = 536.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0500	4.9800	4.9900	5.0850	5.0590	5.0620	5.0650	5.0650	5.0430	5.0930	5.0870

MACH (3) = 1.256 TIME (2) = 537.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0500	4.9700	4.9900	5.0820	5.0540	5.0580	5.0610	5.0660	5.0360	5.0880	5.0860

FRSI - DESIGN LIMIT (2ACP16)

MACH (3) = 1.257 TIME (3) = 538.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0300	5.0400	4.9800	4.9900	5.0760	5.0540	5.0580	5.0580	5.0630	5.0380	5.0980	5.0860

MACH (3) = 1.257 TIME (4) = 539.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0500	4.9800	5.0000	5.0770	5.0520	5.0580	5.0580	5.0610	5.0330	5.0830	5.0780

MACH (3) = 1.256 TIME (5) = 540.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0500	4.9800	5.0000	5.0820	5.0560	5.0620	5.0620	5.0700	5.0390	5.0920	5.0870

MACH (3) = 1.256 TIME (6) = 541.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0500	4.9800	5.0000	5.0830	5.0540	5.0540	5.0560	5.0670	5.0360	5.0890	5.0860

MACH (3) = 1.256 TIME (7) = 542.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0300	5.0500	4.9700	4.9900	5.0820	5.0570	5.0610	5.0610	5.0670	5.0390	5.0950	5.0920

FRSI - DESIGN LIMIT (2ACP16)

MACH (3) = 1.257 TIME (8) = 543.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0500	4.9800	5.0000	5.0770	5.0490	5.0580	5.0550	5.0710	5.0380	5.0890	5.0850

MACH (3) = 1.256 TIME (9) = 544.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0500	4.9800	5.0000	5.0820	5.0510	5.0540	5.0600	5.0630	5.0380	5.0880	5.0860

MACH (3) = 1.255 TIME (10) = 545.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0400	5.0600	4.9800	5.0000	5.0880	5.0570	5.0610	5.0630	5.0700	5.0410	5.0960	5.0890

MACH (3) = 1.256 TIME (11) = 546.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	5.0300	5.0500	4.9700	4.9900	5.0700	5.0470	5.0510	5.0530	5.0640	5.0350	5.0910	5.0790

MACH (4) = 1.401 TIME (1) = 611.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1600	4.2200	4.1100	4.1400	4.2210	4.1950	4.1940	4.2010	4.2100	4.1800	4.2350	4.2410

FRSI - DESIGN LIMIT (2ACP16)

MACH (4) = 1.400 TIME (2) = 612.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1700	4.2300	4.1100	4.1400	4.2210	4.1990	4.1970	4.2060	4.2100	4.1780	4.2340	4.2400

MACH (4) = 1.401 TIME (3) = 613.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1700	4.2300	4.1100	4.1400	4.2220	4.1940	4.1940	4.2030	4.2100	4.1800	4.2330	4.2360

MACH (4) = 1.400 TIME (4) = 614.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1600	4.2300	4.1100	4.1400	4.2210	4.1940	4.1940	4.2020	4.2090	4.1800	4.2300	4.2360

MACH (4) = 1.401 TIME (5) = 616.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1600	4.2300	4.1100	4.1400	4.2210	4.1990	4.2000	4.2050	4.2130	4.1780	4.2380	4.2400

MACH (4) = 1.400 TIME (6) = 617.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1600	4.2300	4.1100	4.1400	4.2250	4.2000	4.2000	4.2060	4.2120	4.1810	4.2400	4.2440

FRSI - DESIGN LIMIT (2ACP16)

MACH (4) = 1.401 TIME (7) = 618.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1700	4.2300	4.1200	4.1500	4.2260	4.1980	4.1960	4.2040	4.2100	4.1820	4.2360	4.2440

MACH (4) = 1.398 TIME (8) = 619.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1600	4.2300	4.1100	4.1400	4.2240	4.2000	4.2000	4.2060	4.2130	4.1810	4.2310	4.2430

MACH (4) = 1.400 TIME (9) = 620.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1600	4.2300	4.1100	4.1500	4.2290	4.2020	4.1990	4.2050	4.2130	4.1790	4.2350	4.2380

MACH (4) = 1.401 TIME (10) = 621.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1600	4.2300	4.1100	4.1400	4.2240	4.1980	4.1990	4.2050	4.2100	4.1770	4.2320	4.2390

MACH (4) = 1.399 TIME (11) = 622.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY PRESS DEPENDENT VARIABLE PSIA

TAP NO	601.000	602.000	603.000	604.000	611.000	612.000	613.000	614.000	621.000	622.000	623.000	624.000
PSI												
1.00000	4.1600	4.2300	4.1100	4.1400	4.2240	4.1990	4.2010	4.2100	4.2160	4.1830	4.2410	4.2490

FRSI - STS-1 LIMIT (RACT08) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .039 MACH (1) = .938 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.5400 .0000522.8200522.0000

WA (1) = .038 MACH (2) = 1.067 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.5400 .0000519.5600518.7500

WA (1) = .035 MACH (3) = 1.142 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 532.6700 .0000517.4200516.0800

WA (1) = .035 MACH (4) = 1.186 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 532.6000 .0000517.7700516.4000

FRSI - STS-1 LIMIT (RACT09)

WA (1) = .033 MACH (5) = 1.231 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 532.4200 .0000518.3600516.1900

WA (1) = .031 MACH (6) = 1.261 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.5100 .0000513.6900511.6200

WA (1) = .030 MACH (7) = 1.344 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 527.4700 .0000513.3100511.0900

WA (1) = .030 MACH (8) = 1.376 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 527.2900 .0000513.5200511.5800

WA (1) = .027 MACH (9) = 1.410 PT = 11.307 RN/L = 3.5123 TTF = 82.043

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.1700 .0000513.8300513.3800

FRSI - STS-1 ULTIMATE (RACT09) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .056 MACH (1) = 1.058 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.9600 .0000522.3900522.4600

WA (1) = .048 MACH (2) = 1.130 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.1200 .0000518.6800519.4500

WA (1) = .044 MACH (3) = 1.226 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.8300 .0000520.2900519.8000

WA (1) = .043 MACH (4) = 1.276 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.8100 .0000517.1700516.2200

FRSI - STS-I ULTIMATE (RACT09)

WA (1) = .039 MACH (5) = 1.335 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.8600 .0000515.6600515.8700

WA (1) = .038 MACH (6) = 1.370 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.5600 .0000516.2600517.2400

WA (1) = .036 MACH (7) = 1.400 PT = 15.712 RN/L = 4.8006 TTF = 90.290

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.8500 .0000517.5600519.2400

FRSI - DESIGN ULTIMATE (RACT10) (24 FEB 81)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

WA (1) = .072 MACH (1) = .966 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.1000 .0000526.0300526.6600

WA (1) = .055 MACH (2) = 1.095 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.4100 .0000521.3100522.1500

WA (1) = .053 MACH (3) = 1.124 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.0000 .0000524.6000525.0900

WA (1) = .052 MACH (4) = 1.242 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 532.5300 .0000522.5000522.7100

FRSI - DESIGN ULTIMATE (RACT10)

WA (1) = .048 MACH (5) = 1.274 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 532.4600 .0000520.6400521.6900

WA (1) = .046 MACH (6) = 1.357 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.3600 .0000520.6400522.0400

WA (1) = .046 MACH (7) = 1.378 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.4700 .0000522.0400523.5500

WA (1) = .043 MACH (8) = 1.404 PT = 18.482 RN/L = 5.5176 TTF = 98.370

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.5600 .0000524.1800524.8400

FRSI - DESIGN LIMIT (RACT11) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .901 TIME (1) = 2245.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 527.5700 .0000520.6100519.7300

MACH (1) = .901 TIME (2) = 2246.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 527.1900 .0000520.6100519.7700

MACH (1) = .901 TIME (3) = 2247.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 527.2600 .0000520.8900519.9400

MACH (1) = .902 TIME (4) = 2248.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 527.1500 .0000521.0300520.0100

FRSI - DESIGN LIMIT (RACT11)

MACH (1) = .906 TIME (5) = 2249.000 RN/L = 4.1010 TTF = 81.620

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 527.0800 .0000520.9200520.1500

MACH (2) = 1.104 TIME (1) = 2257.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.1900 .0000518.5700517.3500

MACH (2) = 1.109 TIME (2) = 2258.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.4700 .0000518.7100517.9100

MACH (2) = 1.108 TIME (3) = 2259.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.5400 .0000519.0000517.8700

MACH (2) = 1.104 TIME (4) = 2300.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.0600 .0000519.3800518.3600

FRSI - DESIGN LIMIT (RACT11)

MACH (2) = 1.103 TIME (5) = 2301.000 RN/L = 4.1168 TTF = 87.716

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.9600 .0000519.5900518.4300

MACH (3) = 1.257 TIME (1) = 2304.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 525.8900 .0000514.3600513.5200

MACH (3) = 1.251 TIME (2) = 2305.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 526.0300 .0000514.6400513.7300

MACH (3) = 1.253 TIME (3) = 2306.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 525.7200 .0000514.6800513.9000

MACH (3) = 1.256 TIME (4) = 2307.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 525.8900 .0000514.9200513.8000

FRSI - DESIGN LIMIT (RACT11)

MACH (3) = 1.254 TIME (5) = 2308.000 RN/L = 4.0116 TTF = 92.792

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 526.0300 .0000514.8900514.0800

MACH (4) = 1.409 TIME (1) = 2313.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.2000 .0000517.9100518.1200

MACH (4) = 1.410 TIME (2) = 2314.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.2700 .0000518.1200518.4000

MACH (4) = 1.409 TIME (3) = 2315.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.6500 .0000518.540[illegible].6100

MACH (4) = 1.407 TIME (4) = 2316.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.9000 .0000518.8200519.0700

FRSI - DESIGN LIMIT (RACT11)

MACH (4) = 1.408 TIME (5) = 2317.000 RN/L = 3.8828 TTF = 100.16

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.1400 .0000519.2100519.3100

FRSI - DESIGN LIMIT (IACT12) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 5.600

MACH (1) = .899 TIME (1) = 118.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 521.6200518.8600518.8600516.6400

MACH (1) = .899 TIME (2) = 119.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 526.2400522.6800522.6800521.4100

MACH (1) = .899 TIME (3) = 120.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 527.8500524.5300524.4900523.7600

MACH (1) = .899 TIME (4) = 121.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.1400525.7200525.7200525.1200

FRSI - DESIGN LIMIT (1ACT12)

MACH (1) = .899 TIME (5) = 122.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.1200526.5600526.5200526.0300

MACH (1) = .901 TIME (6) = 123.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.0600527.5000527.4700527.1200

MACH (1) = .900 TIME (7) = 124.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.5900527.9600527.9200527.5400

MACH (1) = .898 TIME (8) = 125.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 532.0400528.3400528.3400527.9600

MACH (1) = .899 TIME (9) = 126.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 532.5600528.8300528.8300528.4100

FRSI - DESIGN LIMIT (IACT12)

MACH (1) = .899 TIME (10) = 127.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 532.8100529.0400529.0400528.5800

MACH (1) = .900 TIME (11) = 128.000 RN/L = 4.0898 TTF = 82.268

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.1200529.2500529.2500528.7900

FRSI - DESIGN LIMIT (2ACT12) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 5.600

MACH (1) = .896 TIME (1) = 129.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.5400529.5600529.5600529.1400

MACH (1) = .898 TIME (2) = 130.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.7100529.6300529.6000529.1800

MACH (1) = .899 TIME (3) = 131.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.7800529.8100529.8100529.3200

MACH (1) = .898 TIME (4) = 132.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.9600529.9800529.9800529.4900

FRSI - DESIGN LIMIT (2ACT12)

MACH (1) = .898 TIME (5) = 133.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.9900530.0500530.0500529.4600

MACH (1) = .898 TIME (6) = 134.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.9600529.9800529.9500529.4200

MACH (1) = .898 TIME (7) = 135.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.9900530.1200530.1200529.4900

MACH (1) = .896 TIME (8) = 136.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.2700530.1900530.1600529.5600

MACH (1) = .898 TIME (9) = 137.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.2700530.2900530.2900529.7000

FRSI - DESIGN LIMIT (2ACT12)

MACH (1) = .898 TIME (10) = 138.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.4100530.4000530.4000529.7700

MACH (1) = .898 TIME (11) = 139.000 RN/L = 4.0583 TTF = 85.167

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.2900529.0700529.0700528.4100

FRSI - DESIGN LIMIT (IACT13) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.730

MACH (1) = 1.104 TIME (1) = 153.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 544.6300540.9800540.9800541.5000

MACH (1) = 1.104 TIME (2) = 155.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 545.0400541.5700541.5400542.0200

MACH (1) = 1.100 TIME (3) = 156.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 545.3900542.1300542.1300542.7200

MACH (1) = 1.101 TIME (4) = 157.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 545.7000542.3700542.4100542.8600

FRSI - DESIGN LIMIT (1ACT13)

MACH (1) = 1.102 TIME (5) = 158.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 545.9400541.9200541.8800542.4700

MACH (1) = 1.102 TIME (6) = 159.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 546.1800540.9100540.9100541.4700

MACH (1) = 1.101 TIME (7) = 200.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 546.5000541.8500541.8200542.4100

MACH (1) = 1.103 TIME (8) = 201.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 546.7400543.1700543.1700543.6500

MACH (1) = 1.102 TIME (9) = 202.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 546.9800543.4800543.4500544.2100

FRSI - DESIGN LIMIT (IACT13)

MACH (1) = 1.102 TIME (10) = 203.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 547.1200543.8300543.8300544.4200

MACH (1) = 1.102 TIME (11) = 204.000 RN/L = 4.0725 TTF = 91.941

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 547.2200544.0400544.0000544.6900

FRSI - DESIGN LIMIT (2ACT13) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.730

MACH (1) = 1.101 TIME (1) = 205.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 547.4000544.3500544.3100544.9000

MACH (1) = 1.103 TIME (2) = 206.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 545.8700542.6500542.6500543.1300

MACH (1) = 1.103 TIME (3) = 207.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 545.6700542.5400542.5400543.0600

MACH (1) = 1.103 TIME (4) = 209.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 545.8400542.8200542.7900543.2000

FRSI - DESIGN LIMIT (2ACT13)

MACH (1) = 1.103 TIME (5) = 210.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 546.0100542.9600542.9300543.4500

MACH (1) = 1.102 TIME (6) = 211.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 546.0800543.1000543.1000543.4500

MACH (1) = 1.102 TIME (7) = 212.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 546.2200543.2000543.2000543.8600

MACH (1) = 1.104 TIME (8) = 213.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 546.3200543.5200543.4800543.8600

MACH (1) = 1.103 TIME (9) = 214.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 546.4300543.4800543.4500544.0000

FRSI - DESIGN LIMIT (2ACT13)

MACH (1) = 1.106 TIME (10) = 215.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 546.7400543.4100543.3800544.0700

MACH (1) = 1.133 TIME (11) = 216.000 RN/L = 4.0998 TTF = 91.834

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 547.3600542.6500542.6500543.3100

FRSI - DESIGN LIMIT (1ACT14) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.100

MACH (1) = 1.253 TIME (1) = 234.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.8200537.3300537.3300541.2200

MACH (1) = 1.252 TIME (2) = 235.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 549.8900535.0400535.0400538.6900

MACH (1) = 1.251 TIME (3) = 236.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 550.3000534.6200534.5800538.5800

MACH (1) = 1.252 TIME (4) = 237.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 550.6500534.5800534.5500538.4500

FRSI - DESIGN LIMIT (IACT14)

MACH (1) = 1.251 TIME (5) = 238.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 551.0600534.4800534.4400538.2700

MACH (1) = 1.250 TIME (6) = 239.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 551.4100535.2100535.1700539.2500

MACH (1) = 1.251 TIME (7) = 240.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 551.9300535.5600535.5600539.7700

MACH (1) = 1.252 TIME (8) = 241.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 552.0700535.9400535.9400539.9700

MACH (1) = 1.251 TIME (9) = 242.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 552.4800536.2500536.2500540.6000

FRSI - DESIGN LIMIT (IACT14)

MACH (1) = 1.251 TIME (10) = 243.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 552.9600536.4300536.4300540.4300

MACH (1) = 1.252 TIME (11) = 244.000 RN/L = 3.9630 TTF = 97.058

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 553.1700536.4300536.4300540.8800

FRSI - DESIGN LIMIT (2ACT14) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.100

MACH (1) = 1.251 TIME (1) = 245.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 553.4800537.1200537.1200541.5400

MACH (1) = 1.251 TIME (2) = 246.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 553.6900536.9500536.9500541.5700

MACH (1) = 1.250 TIME (3) = 247.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 553.9000537.1200537.1200541.5000

MACH (1) = 1.251 TIME (4) = 248.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 554.1000538.0600538.0300542.3700

FRSI - DESIGN LIMIT (2ACT14)

MACH (1) = 1.252 TIME (5) = 249.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 554.2400537.4400537.4400542.1300

MACH (1) = 1.251 TIME (6) = 250.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 554.4100538.1300538.1000542.4400

MACH (1) = 1.250 TIME (7) = 251.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 554.6200537.9900537.9600542.5800

MACH (1) = 1.251 TIME (8) = 252.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 554.8300538.4100538.4100543.1300

MACH (1) = 1.251 TIME (9) = 253.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 554.9300538.8600538.8600543.3100

FRSI - DESIGN LIMIT (2ACT14)

MACH (1) = 1.252 TIME (10) = 254.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 554.9700538.9300538.9300543.4100

MACH (1) = 1.251 TIME (11) = 255.000 RN/L = 3.9516 TTF = 98.247

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 555.2400538.8600538.8600543.2700

FRSI - DESIGN LIMIT (1ACT15) (02 APR 82)

REFERENCE DATA

PARAMETRIC DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

WA = 1.750

MACH (1) = 1.404 TIME (1) = 305.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.9500544.9400544.9400545.2500

MACH (1) = 1.404 TIME (2) = 306.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.8200544.8700544.8700545.0800

MACH (1) = 1.403 TIME (3) = 307.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.7500544.9000544.9000545.1500

MACH (1) = 1.404 TIME (4) = 308.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.7500544.9700544.9700545.2100

FRSI - DESIGN LIMIT (IACT15)

MACH (1) = 1.403 TIME (5) = 309.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.7100544.9400544.9400545.1100

MACH (1) = 1.403 TIME (6) = 310.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.6400545.0100545.0100545.0800

MACH (1) = 1.404 TIME (7) = 311.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.7100545.0400545.0400545.0800

MACH (1) = 1.403 TIME (8) = 312.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.6800545.1100545.1100545.2100

MACH (1) = 1.402 TIME (9) = 313.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.7500545.1500545.1500545.1500

FRSI - DESIGN LIMIT (1ACT15)

MACH (1) = 1.400 TIME (10) = 314.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.6800545.1100545.1100545.1500

MACH (1) = 1.401 TIME (11) = 315.000 RN/L = 3.8515 TTF = 103.74

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.8200545.1800545.1500545.2100

FRSI - DESIGN LIMIT (2ACT15) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = 1.750

MACH (1) = 1.401 TIME (1) = 316.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.8200545.3200545.2800545.2500

MACH (1) = 1.400 TIME (2) = 317.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.8200545.3500545.3500545.3200

MACH (1) = 1.401 TIME (3) = 318.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.8200545.4900545.4600545.4200

MACH (1) = 1.401 TIME (4) = 319.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.9200545.6300545.6000545.5600

FRSI - DESIGN LIMIT (2ACT15)

MACH (1) = 1.401 TIME (5) = 320.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.9900545.7700545.7700545.6700

MACH (1) = 1.401 TIME (6) = 321.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.9900545.8000545.7700545.7000

MACH (1) = 1.402 TIME (7) = 322.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 548.2600544.7300544.7300544.6600

MACH (1) = 1.402 TIME (8) = 323.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 547.1200543.8300543.8300543.7600

MACH (1) = 1.401 TIME (9) = 324.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 546.9800543.7900543.7900543.6500

FRSI - DESIGN LIMIT (2ACT15)

MACH (1) = 1.403 TIME (10) = 325.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 547.0200543.8600543.8300543.6900

MACH (1) = 1.402 TIME (11) = 326.000 RN/L = 3.8440 TTF = 104.67

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 547.1900543.9700543.9700543.7900

FRSI - DESIGN LIMIT (IACT16) (02 APR 82

REFERENCE DATA

PARAMETRIC DATA

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SREF  =      .0000 SQ. FT   XMRP  =      .0000 IN. XO                    WA    =      .000
LREF  =      .0000 INCHES   YMRP  =      .0000 IN. YO
BREF  =      .0000 INCHES   ZMRP  =      .0000 IN. ZO
SCALE =     1.0000

MACH  ( 1) =     .897    TIME  ( 1) =  418.000   RN/L   =  4.0555     TTF    =  85.038

 SECTION ( 1)AIR SUPPLY TEMP.              DEPENDENT VARIABLE TEMP R

T/C NO    721.000 722.000 723.000 724.000

  DEG R
 1.00000 532.3500524.1800524.1800523.8300

MACH  ( 1) =     .898    TIME  ( 2) =  419.000   RN/L   =  4.0555     TTF    =  85.038

 SECTION ( 1)AIR SUPPLY TEMP.              DEPENDENT VARIABLE TEMP R

T/C NO    721.000 722.000 723.000 724.000

  DEG R
 1.00000 532.1100523.9400523.9400523.7300

MACH  ( 1) =     .897    TIME  ( 3) =  420.000   RN/L   =  4.0555     TTF    =  85.038

 SECTION ( 1)AIR SUPPLY TEMP.              DEPENDENT VARIABLE TEMP R

T/C NO    721.000 722.000 723.000 724.000

  DEG R
 1.00000 532.1800524.0800524.0800523.8000

MACH  ( 1) =     .896    TIME  ( 4) =  421.000   RN/L   =  4.0555     TTF    =  85.038

 SECTION ( 1)AIR SUPPLY TEMP.              DEPENDENT VARIABLE TEMP R

T/C NO    721.000 722.000 723.000 724.000

  DEG R
 1.00000 531.5200524.1800524.1800523.8300
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FRSI - DESIGN LIMIT (1ACT16)

MACH (1) = .898 TIME (5) = 423.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.6200524.0400524.0400523.8700

MACH (1) = .896 TIME (6) = 424.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.7300523.9000523.9000523.6600

MACH (1) = .898 TIME (7) = 425.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.5500524.1100524.1100523.8300

MACH (1) = .897 TIME (8) = 426.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.4100524.2100524.2100523.9700

MACH (1) = .897 TIME (9) = 427.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.1300524.0800524.0400524.0800

FRSI - DESIGN LIMIT (1ACT16)

MACH (1) = .897 TIME (10) = 428.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.3800524.2800524.2800524.0100

MACH (1) = .896 TIME (11) = 429.000 RN/L = 4.0555 TTF = 85.038

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.1700524.1800524.1800523.9400

MACH (2) = 1.104 TIME (1) = 454.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.4800521.9400521.9700521.3800

MACH (2) = 1.103 TIME (2) = 455.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.4400522.3600522.3600521.5500

MACH (2) = 1.103 TIME (3) = 456.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.5800522.5300522.5300521.6600

FRSI - DESIGN LIMIT (1ACT16)

MACH (2) = 1.103 TIME (4) = 457.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.7200522.5300522.5300521.5200

MACH (2) = 1.104 TIME (5) = 458.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.0700522.8200522.8200521.9700

MACH (2) = 1.103 TIME (6) = 459.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.9700522.9600522.9600522.0800

MACH (2) = 1.103 TIME (7) = 500.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.7700523.0600523.0600521.8000

MACH (2) = 1.102 TIME (8) = 501.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.4900523.1700523.1700522.1500

FRST - DESIGN LIMIT (IACT16)

MACH (2) = 1.102 TIME (9) = 502.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.2800523.6200523.6200522.6400

MACH (2) = 1.103 TIME (10) = 503.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.4500523.4500523.4500522.6800

MACH (2) = 1.104 TIME (11) = 504.000 RN/L = 4.0686 TTF = 92.421

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.1000521.6600521.6600520.7100

MACH (3) = 1.260 TIME (1) = 525.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.8100517.7700517.8000517.1400

MACH (3) = 1.258 TIME (2) = 526.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.6300517.6300517.6300517.2800

FRSI - DESIGN LIMIT (1ACT16)

MACH (3) = 1.257 TIME (3) = 527.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.9100517.8000517.8000517.2800

MACH (3) = 1.255 TIME (4) = 528.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 530.1900517.9400517.9400517.4200

MACH (3) = 1.257 TIME (5) = 529.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.3400516.2200516.1900515.7700

MACH (3) = 1.256 TIME (6) = 530.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.0300515.8700515.8400515.6600

MACH (3) = 1.256 TIME (7) = 531.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.1700516.0100515.9800515.6300

FRSI - DESIGN LIMIT (1AGT16)

MACH (3) = 1.255 TIME (8) = 532.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 527.8500515.9800515.9400515.8400

MACH (3) = 1.255 TIME (9) = 533.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.3400516.2200516.2200515.8400

MACH (3) = 1.255 TIME (10) = 534.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.3400516.3300516.3300516.0800

MACH (3) = 1.254 TIME (11) = 535.000 RN/L = 3.9899 TTF = 96.841

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.4800516.5000516.5000516.4300

MACH (4) = 1.401 TIME (1) = 600.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.1300520.3300520.3300520.9600

3

)

FRSI - DESIGN LIMIT (1ACT16)

MACH (4) = 1.400 TIME (2) = 601.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.2000520.3300520.3300521.1700

MACH (4) = 1.399 TIME (3) = 602.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.6500520.6400520.6400521.3400

MACH (4) = 1.401 TIME (4) = 603.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.8300520.6800520.6800521.4800

MACH (4) = 1.399 TIME (5) = 604.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.8300520.9200520.9200521.8000

MACH (4) = 1.398 TIME (6) = 605.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.0000521.1700521.1700521.6200

FRSI - DESIGN LIMIT (IACT16)

MACH (4) = 1.399 TIME (7) = 606.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.8000521.4800521.4800522.0800

MACH (4) = 1.397 TIME (8) = 607.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.3100521.5500521.5500522.1800

MACH (4) = 1.399 TIME (9) = 608.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.5200521.6600521.6900522.5000

MACH (4) = 1.399 TIME (10) = 609.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 536.0100521.9400521.9400522.5000

MACH (4) = 1.399 TIME (11) = 610.000 RN/L = 3.8487 TTF = 103.62

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.8400521.8300521.8700522.8500

FRSI - DESIGN LIMIT (2ACT16) (02 APR 82)

REFERENCE DATA

SREF = .0000 SQ. FT XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = 1.0000

PARAMETRIC DATA

WA = .000

MACH (1) = .895 TIME (1) = 430.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.2400524.4900524.4600524.2100

MACH (1) = .896 TIME (2) = 431.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.1000524.3200524.3200524.1100

MACH (1) = .896 TIME (3) = 432.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.1700524.3900524.3900524.1800

MACH (1) = .897 TIME (4) = 433.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.0600524.1100524.1100524.3500

FRSI - DESIGN LIMIT (2ACT16)

MACH (1) = .897 TIME (5) = 434.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.3100524.5600524.5600524.4600

MACH (1) = .897 TIME (6) = 435.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.1700524.4600524.4600524.4900

MACH (1) = .898 TIME (7) = 436.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.2000524.6400524.6400524.6700

MACH (1) = .898 TIME (8) = 437.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 531.1700524.7400524.7400524.6000

MACH (1) = .896 TIME (9) = 438.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.6700523.2700523.2700523.3400

FRSI - DESIGN LIMIT (2ACT16)

MACH (1) = .898 TIME (10) = 439.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.0000522.5300522.5300522.5700

MACH (1) = .898 TIME (11) = 441.000 RN/L = 4.0406 TTF = 86.668

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.6900522.5000522.5300522.5700

MACH (2) = 1.101 TIME (1) = 505.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.6800521.4100521.4100520.3600

MACH (2) = 1.103 TIME (2) = 506.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.5700521.4500521.4500520.3600

MACH (2) = 1.102 TIME (3) = 507.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 533.9900521.5900521.5900520.5700

(2ACT16)

FRSI - DESIGN LIMIT

MACH (2) = 1.103 TIME (4) = 508.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.1000522.6800522.7100520.8500

MACH (2) = 1.102 TIME (5) = 509.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.3700522.6800522.6800520.7800

MACH (2) = 1.101 TIME (6) = 510.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.7200523.0300523.0300520.9900

MACH (2) = 1.103 TIME (7) = 511.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.4100523.0600523.0600521.0600

MACH (2) = 1.102 TIME (8) = 512.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.6500523.1700523.1700521.3800

FRSI - DESIGN LIMIT (2ACT16)

MACH (2) = 1.101 TIME (9) = 513.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 534.0600523.3400523.3400521.3800

MACH (2) = 1.104 TIME (10) = 514.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.1700523.4100523.3800521.5500

MACH (2) = 1.102 TIME (11) = 515.000 RN/L = 4.0740 TTF = 91.895

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.2100523.6600523.6600521.6600

MACH (3) = 1.254 TIME (1) = 536.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.8300516.6800516.7100516.4700

MACH (3) = 1.256 TIME (2) = 537.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.7600516.7800516.7800516.4000

FRSI - DESIGN LIMIT (2ACT16)

MACH (3) = 1.257 TIME (3) = 538.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 528.7200516.8500516.8500516.6800

MACH (3) = 1.257 TIME (4) = 539.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.1100516.9300516.9300516.7500

MACH (3) = 1.256 TIME (5) = 540.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.1400517.1400517.1000517.1400

MACH (3) = 1.256 TIME (6) = 541.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.3200517.2100517.2100517.0700

MACH (3) = 1.256 TIME (7) = 542.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.3500517.3100517.2800517.2800

FRSI - DESIGN LIMIT (2ACT16)

MACH (3) = 1.257 TIME (8) = 543.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.4600517.3500517.3100517.1400

MACH (3) = 1.256 TIME (9) = 544.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.7400517.4900517.4900517.4500

MACH (3) = 1.255 TIME (10) = 545.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.9500517.8400517.8400517.7700

MACH (3) = 1.256 TIME (11) = 546.000 RN/L = 3.9788 TTF = 97.752

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 529.9500518.0800518.0800517.9800

MACH (4) = 1.401 TIME (1) = 611.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 536.2500522.3200522.2900522.8500

FRSI - DESIGN LIMIT (2ACT16)

MACH (4) = 1.400 TIME (2) = 612.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 536.4300522.3200522.3200523.1300

MACH (4) = 1.401 TIME (3) = 613.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 536.3600522.6800522.6800523.3100

MACH (4) = 1.400 TIME (4) = 614.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 536.7400522.8900522.8500523.3400

MACH (4) = 1.401 TIME (5) = 616.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 537.1600523.0600523.0600523.6900

MACH (4) = 1.400 TIME (6) = 617.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 536.7400522.5000522.5000523.2000

FRSI - DESIGN LIMIT (2ACT16)

MACH (4) = 1.401 TIME (7) = 618.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.5200521.3100521.3100522.0400

MACH (4) = 1.398 TIME (8) = 619.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.1100521.1300521.1700521.9400

MACH (4) = 1.400 TIME (9) = 620.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.7300521.4100521.4100522.1100

MACH (4) = 1.401 TIME (10) = 621.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.5200521.6200521.6200522.3600

MACH (4) = 1.399 TIME (11) = 622.000 RN/L = 3.8399 TTF = 104.46

SECTION (1)AIR SUPPLY TEMP. DEPENDENT VARIABLE TEMP R

T/C NO 721.000 722.000 723.000 724.000

DEG R
1.00000 535.6300521.6900521.7300522.3900