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Houston, Texas 77058

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Volume 2 of 2

AERODYNAMIC LOADS TEST OF A 0.66-SCALE SPACE SHUTTLE ORBITER TILE ARRAY MODEL (106-0) IN THE NASA/ARC 2-FOOT TRANSONIC WIND TUNNEL

(OA252)

SPACE SHUTTLE AEROTHERMODYNAMIC DATA REPORT

Data Management Services
HUNTSVILLE ELECTRONICS DIVISION CHRYSLER CORPORATION

November 1982

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by

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Prepared under NASA Contract Number NAS9-16283

by

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Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	ARC 382-1-22; 382-2-22
NASA Series Number:	OA252
Model Number:	106-Ø
Test Dates:	Oct. 16, 1979 - Nov. 14, 1979
Occupancy Hours:	360

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ABSTRACT

The subject test (OA252) was successfully accomplished during the period from October 16, 1979 through November 14, 1979. Two simulated tile arrays were tested with and without a cavity (missing tile) in the NASA/ARC 2x2-Foot Transonic Wind Tunnel. Tests were conducted at freestream Mach numbers from 0.6 through 1.4 and at dynamic pressures from 264 to 1318 psf. The test objectives were to measure the flow field over the tile arrays while varying flow parameters such as Reynolds number, boundary layer thickness, and incident shock. The effects due to gap width and step height were also evaluated.

The flow field was measured with static pressure orifices on the tile OML surface, tile side walls, and in the cavity.

The boundary layer was measured at the trailing edge of the arrays by a single, remotely controllable total pressure probe. Boundary layer thickness was varied by moving the test panel and tunnel wall out into the freestream flow allowing some of the flow to pass under the panel.

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6	SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 2.0	A	Mach	69-74
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	SURFACE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 6.0	A	Mach	89-94
7	SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 2.0	A	Mach	95-98
	SURFACE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 4.5	A	Mach	99-108

*A complete set of static pressure plotted displays for all tested conditions were generated for initial data analysis as shown by this index. Due to the volume involved, only representative samples are included in this report (volume 1). The samples are for panel P90, at Mach = 0.9, RN/FT = 4.5, and for all configurations tested. The complete set of displays are maintained by Data Management Services. In addition to the sample static pressure plots, all boundary layer plotted data are presented in volume 1 (figures 100 to 115).

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13	SURFACE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 4.5	A	Mach	279-306
14	SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 2.0	A	Mach	307-318
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16	SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 2.0	A	Mach	395-410
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18	SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 2.0	A	Mach	483-494
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19	SURFACE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 2.0	A	Mach	527-538
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25	SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5	A	Mach	672-699
26	SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5	A	Mach	700-727
27	SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5	A	Mach	728-755
28	SURFACE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5	A	Mach	756-783
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37	CAVITY PRESSURES ON 45 DEGREE PANEL W/SHOCK GENERATOR, WALL OUT, RN/FT = 2.0	A	Mach	950-955
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40	CAVITY PRESSURES ON 90 DEGREE PANEL W/+0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5	A	Mach	986-992
41	CAVITY PRESSURES ON 90 DEGREE PANEL W/+0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5	A	Mach	993-999
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46	CAVITY PRESSURES ON 45 DEGREE PANEL W/+0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5	A	Mach	1028-1034
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52	GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 2.0	B	Mach	1546-1581
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61	GAP PRESSURES ON 45 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 4.5	B	Mach	2672-2748
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	GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 6.0	B	Mach	2837-2869
63	GAP PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 2.0	B	Mach	2870-2902
	GAP PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 4.5	B	Mach	2903-2946
	GAP PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 6.0	B	Mach	2947-2979

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FIGURE NUMBER	TITLE	PLOTTED COEFFICIENT SCHEDULE	CONDITIONS VARYING	PAGES
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65	GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5	B	Mach	3043-3105
66	GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5	B	Mach	3106-3168
67	GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5	B	Mach	3169-3231
68	GAP PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5	B	Mach	3232-3294
69	GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5	B	Mach	3295-3371
70	GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5	B	Mach	3372-3448
71	GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5	B	Mach	3449-3525
72	GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5	B	Mach	3526-3602
73	GAP PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5	A	Mach	3603-3679
74	FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 2.0	A	Mach	3680-3683
	FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 4.5	A	Mach	3684-3690

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75	FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 2.0	A	Mach	3695-3699
	FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 4.5	A	Mach	3700-3706
	FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 6.0	A	Mach	3707-3713
76	FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 2.0	A	Mach	3714-3716
	FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 4.5	A	Mach	3717-3723
	FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 6.0	A	Mach	3724-3726
77	FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 2.0	A	Mach	3727-3728
	FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 4.5	A	Mach	3729-3733
	FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 6.0	A	Mach	3734-3735
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	FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 6.0	A	Mach	3747-3750
79	FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 2.0	A	Mach	3751-3755
	FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 4.5	A	Mach	3756-3762
	FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 6.0	A	Mach	3763-3766
80	FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 2.0	A	Mach	3767-3769
	FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 4.5	A	Mach	3770-3776
	FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 6.0	A	Mach	3777-3779
81	FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 2.0	A	Mach	3780-3781
	FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 4.5	A	Mach	3782-3786
	FIXTURE PRESSURES ON 90 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 6.0	A	Mach	3787-3788

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	FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 4.5	A	Mach	3793-3799
	FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL IN, RN/FT = 6.0	A	Mach	3800-3803
83	FIXTURE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, WALL IN, RN/FT = 4.5	A	Mach	3804-3810
84	FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 2.0	A	Mach	3811-3813
	FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 4.5	A	Mach	3814-3818
	FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL IN, RN/FT = 6.0	A	Mach	3819-3821
85	FIXTURE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 2.0	A	Mach	3822-3824
	FIXTURE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 4.5	A	Mach	3825-3829
	FIXTURE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL IN, RN/FT = 6.0	A	Mach	3830-3832

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	FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 4.5	A	Mach	3837-3843
	FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY, WALL OUT, RN/FT = 6.0	A	Mach	3844-3847
87	FIXTURE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, WALL OUT, RN/FT = 4.5	A	Mach	3848-3854
88	FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 2.0	A	Mach	3855-3857
	FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 4.5	A	Mach	3858-3862
	FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND SHOCK GENERATOR, WALL OUT, RN/FT = 6.0	A	Mach	3863-3865
89	FIXTURE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 2.0	A	Mach	3866-3868
	FIXTURE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 4.5	A	Mach	3869-3872
	FIXTURE PRESSURES ON 45 DEGREE PANEL W/O CAVITY, W/SHOCK GENERATOR, WALL OUT, RN/FT = 6.0	A	Mach	3873-3875

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FIGURE NUMBER	TITLE	PLOTTED COEFFICIENT SCHEDULE	CONDITIONS VARYING	PAGES
90	FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5	A	Mach	3876-3882
91	FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5	A	Mach	3883-3889
92	FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5	A	Mach	3890-3896
93	FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5	A	Mach	3897-3903
94	FIXTURE PRESSURES ON 90 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5	A	Mach	3904-3910
95	FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND -.02 INCH TILE STEP, WALL IN, RN/FT = 4.5	A	Mach	3911-3917
96	FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND +.02 INCH TILE STEP, WALL IN, RN/FT = 4.5	A	Mach	3918-3924
97	FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.16 INCH TILE STEP, WALL IN, RN/FT = 4.5	A	Mach	3925-3931
98	FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.017 INCH GAP SIZE, WALL IN, RN/FT = 4.5	A	Mach	3932-3938
99	FIXTURE PRESSURES ON 45 DEGREE PANEL W/CAVITY AND 0.067 INCH GAP SIZE, WALL IN, RN/FT = 4.5	A	Mach	3939-3945

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FIGURE NUMBER	TITLE	PLOTTED COEFFICIENT SCHEDULE	CONDITIONS VARYING	PAGES
BOUNDARY LAYER DATA				
100	BOUNDARY LAYER VELOCITY PROFILE, P90	C	HWALL	1-7
101	BOUNDARY LAYER VELOCITY PROFILE, P90+A	C	HWALL	8-14
102	BOUNDARY LAYER VELOCITY PROFILE, P90+S	C	HWALL	15-21
103	BOUNDARY LAYER VELOCITY PROFILE, P90+A+S	C	HWALL	22-26
104	BOUNDARY LAYER VELOCITY PROFILE, P45	C	HWALL	27-33
105	BOUNDARY LAYER VELOCITY PROFILE, P45+A	C	HWALL	34-40
106	BOUNDARY LAYER VELOCITY PROFILE, P45+S	C	HWALL	41-45
107	BOUNDARY LAYER VELOCITY PROFILE, P45+A+S	C	HWALL	46-50
108	BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90	D	HWALL	51-57
109	BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90+A	D	HWALL	58-64
110	BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90+S	D	HWALL	65-71
111	BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P90+A+S	D	HWALL	72-76
112	BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45	D	HWALL	77-83
113	BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45+A	D	HWALL	84-90
114	BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45+S	D	HWALL	91-95
115	BOUNDARY LAYER/TUNNEL STATIC PRESSURE RATIO, P45+A+S	D	HWALL	96-100

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PLOTTED COEFFICIENT SCHEDULES:

(A): CP VS. X (B): CP VS. Z (C): h VS. $U/U_{freestream}$

(D): h VS. $P_{boundary\ layer}/P_{freestream}$

INTRODUCTION

OV102 Ferry Flight Operations revealed unanticipated sensitivity of thermal protection system (TPS) elements to airstream effects such as gap filler migration, loosening of small footprint tiles, and lifting of mini-tile segments. Inasmuch as the ferry flight speed (200 K_n) was substantially less than mission speed, further assessments of TPS sensitivities to airstream effects were undertaken. A TPS flow test program was initiated to obtain additional performance data on various reusable surface insulation (RSI) tile configurations, components and installations in high dynamic pressure environments. The wind tunnel test described in this report is part of that program.

Wind tunnel test OA252 was initiated with the objective of determining the effects on surface and gap pressures due to a cavity (missing tile) in an array of tiles. Two different tile arrays were used; one had the gaps between the tiles alined 45 degrees to the flow while the other's gaps were perpendicular and parallel to the flow direction.

Data were taken with and without a missing tile, in and out of the effects of a reflected shock and with a thick or thin boundary layer. The effects of gap size and step heights were also investigated. The test was conducted from October 16, 1979 through November 14, 1979 in the NASA/ARC 2-foot transonic wind tunnel. The tunnel conditions used were Reynolds numbers per foot x 10^6 of 2, 4.5 and 6 with Mach numbers of 0.6 through 1.4.

This report presents information on the conduct of the test and details of the test article, test facility and instrumentation. The tabulated

pressure data are in the Appendix of Volume 2; the tunnel condition and boundary layer data appear in the Appendix of Volume 1.

NOMENCLATURE

SYMBOL	MNEMONIC	DEFINITION
A	A	Tile-size block to fill array cavity
ARC		Ames Research Center
B.L.		Boundary layer
℄		Centerline
	CONF	Configuration designation
C_{p_i}	CP	Static pressure coefficient, non-dimensional (See Data Reduction)
	DATE	Date of data acquisition in month and day, MMDD
	GAP	Distance separating Tile A from the surrounding tiles, inches
h	H	Height of retractable total pressure probe above panel surface, inches
	HWALL	Projection of wall into tunnel, inches (HWALL = 0 -wall flush, HWALL = 1.4 - wall out into flow)
IML		Orbiter Inner Mold Line
K_n		Nautical miles per hour
Mach,M	MACH	Mach number
OML		Orbiter Outer Mold Line
	PANEL	Tile array on which data were recorded, P45 or P90
P45	P45	45 degree tile array with cavity
P90	P90	90 degree tile array with cavity
P_i		Local static pressure, psf
P_o	P	Tunnel freestream static pressure, psfa
P_{SL}	PBL	Bounday layer static pressure, psf
P_{T_i}	PTBL	Boundary layer total pressure, psf
P_{T_o}	PT	Tunnel total pressure, psfa
	POS NO.	Orifice location in XY plane for tile gap pressure. For P90, POS NO. is defined by Figure 1 and Table Vb. For P45, POS NO. is defined by Figure 2 and Table IIIb.

NOMENCLATURE (Concluded)

SYMBOL	MNEMONIC	DEFINITION
$P_{boundary\ layer}/P_{freestream}$	PBL/P	Ratio of boundary layer static pressure to freestream static pressure
q	Q	Tunnel freestream dynamic pressure, psf
RN/FT	RN/L	Reynolds number, per foot $x10^{-6}$
RSI	RSI	Reusable Surface Insulation
S	S	Shock generator
	STEP-A	Difference in height between Tile A and the tile aft of A in the flow, inches
	STEP-F	Difference in height between Tile A and the tile forward of A in the flow, inches
	TIME	Time of day in hours and minutes, HHMM (24 hour clock)
TPS	TPS	Thermal Protection System
T_{T_o}	TTF	Tunnel total temperature, ^oF
$U/U_{freestream}$	U/UF	Local velocity as a percent of freestream velocity $U/UF = \left\{ \left[PTBL/PT \right] * K \right\}^{1/2}$, where $K = 1$, if $M < 1$ $K = \left[6M^2/(M^2+5) \right]^{3.5} * \left[6/(7M^2-1) \right]^{2.5}$, if $M \geq 1$
	X	Longitudinal distance from center of array, positive aft, inches
	Y	Lateral distance from center of array, positive to right, inches
	Z	Vertical distance along edge of tile, positive down from Outer Mold Line, inches

CONFIGURATIONS INVESTIGATED

Two tile array configurations were tested. One array was made with the gaps between the tiles perpendicular to the flow (P90), Figure 1. The other array's gaps were 45 degrees to the flow (P45), Figure 2.

The simulated tiles were 2/3 scale and were constructed from laminated mahogany. Each panel's tiled area was 24.15 inches long by 20.12 inches wide. A wood border was used to enclose this area.

Both panels were installed in the tunnels moveable wall and were tested with the wall flush (HWALL = 0) and with the wall extended into the airstream (HWALL = 1.4). This feature provided the capability of exposing the arrays to different boundary layer thicknesses.

The panels were tested with and without a shock generator and with and without Tile A (See Figures 1 and 2). The longitudinal axis of the shock generator was one foot from the array's surface. Figures 3 and 4 present the plan view of the shock generator location relative to the arrays.

The gaps between tiles were varied by changing the position of tiles B, C, E, and F in each array. Step height changes were achieved by manipulating the height of tiles B and F for array P90 and tiles C and G for array P45.

INSTRUMENTATION

Each tile array panel was instrumented with 214 static pressure orifices. The location of the orifices is tabulated in Table III and V and shown in Figures 1 and 2. Each of the six tiles surrounding the cavity (areas B through G) had 16 static orifices on its OML surface. The cavity (area A) also had 16 static orifices on the IML. These orifices were not available while testing with Tile A. The orifice pattern used in these areas is shown in Figure 5.

Tile sidewall static pressures were measured at 34 locations as shown by x's in Figures 1 and 2. There were three orifices at each location. Each orifice position is shown in Figure 5.

The moveable wall had thirty static orifices installed around the tile array panels. Their locations are tabulated in Table IV. Figures 1 and 2 show their relative positions to the overall model.

Two six-transducer scanivalves were used to measure the above static pressures.

A total pressure probe used to measure the boundary layer thickness was mounted to an ARC remotely controlled mechanism. The probe height above the panel and the total pressure were measured by ARC furnished transducers. The position of the moveable wall was also recorded.

TEST FACILITY DESCRIPTION

The Ames Research Center 2 x 2-foot wind tunnel was used for these tests. The tunnel is of the continuous flow type with porous test section walls surrounded by a plenum chamber. Mach number is continuously variable over the range from 0.6 to 1.4 and dynamic pressure is continuously variable over the range from 200 to 1500 psf.

The tunnel can be operated so that one section of the side wall moves up to 1.0 inch into the airstream. The upstream edge of the moveable wall is a sharp edged splitter plate which scoops off all or part of the tunnel sidewall boundary layer. It is possible to position the wall to achieve a boundary layer thickness from 0.25 to 1.0 inch in the panel test region. A retractable boundary layer total pressure probe was employed downstream of the test panel to measure boundary layer thickness.

DATA REDUCTION

The data reduction consisted of pressure coefficients and total pressures as follows:

$$C_{p_i} = \frac{P_i - P_o}{q} = \text{Static Pressure Coefficient}$$

where

P_i = local pressure at i

P_o = tunnel freestream static pressure

q = tunnel freestream dynamic pressure

P_{T_i} = the boundary layer total pressure

P_{SL} = the boundary layer static pressure

REMARKS

Periphery data indicates an adverse pressure gradient ($dp/dx>0$) for Mach numbers greater than 0.9 when the test panel is flush to the tunnel wall. This flow field implies flow separation. The separated flow also showed up in the boundary layer data. This is a tunnel phenomenon and the data downstream of the separation point should be disregarded.

REFERENCES

1. STS79-0285, "Pretest Information for Tests of the 2/3 Scale TPS Tile Cavity Flow Field Model in the Ames Research Center 2x2 Foot Transonic Wind Tunnel Test OA252," Sept. 1979.

2. SAS/AERO/80-059, "Preliminary Post-Test Report of Wind Tunnel Test," Jan. 25, 1980.

TABLE I

TEST : OA 252

DATE : 11-14-79

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per foot $\times 10^{-6}$)	DYNAMIC PRESSURE (pounds/sq. ft.)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.6	2.0, 4.5, 6.0	264, 594, 792	60 → 120
0.8		330, 743, 990	
0.9		357, 804, 1072	
1.05		391, 881, 1174	
1.1		401, 902, 1203	
1.25		424, 954, 1272	
1.4		439, 989, 1318	

BALANCE UTILIZED: None.

	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF			
SF			
AF			
PM			
RM			
YM			

COMMENTS:

LMS 010

TABLE II

TEST: ØA252 (ARC 382-22) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 11/29/79

DATA SET IDENTIFIER	CONFIGURATION	PANEL	TILE A	SHOCK GEN	GAP SIZE	TILE STEP FWD	TILE STEP AFT	WALL POSITION	B.L. DATA	RN/FT	MACH NUMBERS 0.6	0.8	0.9	1.05	1.10	1.25	1.4
R3T*01	P90	90°	OUT	OUT	.03	0	0	FLUSH		2.0	255.1		254.1		253.1	252.1	
02											154.1		153.1				
03											154.2		153.2				
04									X	4.5	148.1	174.1	173.1	170.1	169.2	160.1	159.1
05									X		148.2					160.2	
06										6.0	145.2		150.1		157.1	161.1	
07															157.2	161.2	
08								OUT		2.0	155.1		152.1		167.1	164.1	
09											155.2		152.2			164.2	
10									X	4.5	147.1	175.1	176.1	171.1	168.1	163.1	158.1
11									X		147.2						158.2
12										6.0	146.1		172.1		156.1	162.1	
13											146.2				156.2	162.2	
14	P90+A		IN					FLUSH		2.0	126.1		127.2		140.1	144.1	111.1
15															140.2	144.2	
16																112.1	
17									X	4.5	118.2	119.1	120.1	121.1	139.1	117.3	116.2
18									X		118.3	119.2	120.2		139.2		

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

* S = SURFACE PRESSURES (INCLUDING CAVITY)
W = TILE WALL PRESSURES (G-HP)
F = FIXTURE PRESSURES
L = BOUNDARY LAYER DATA
C = TUNNEL CONDITIONS

NASA-MSFC-MAF

TABLE II (Continued)

TEST: ØA252 (ARC 382-22) DATA SET/RUN NUMBER CORRELATION SUMMARY DATE: 11/29/79

DATA SET IDENTIFIER	CONFIGURATION	PANEL	TIME R	SHOCK GEN	GAP SIZE	TILT STEP FWD	TILT STEP AFT	WALL POSITION	B.L. TRIP	RAMPS	MACH NUMBERS 0.6	0.8	0.9	1.05	1.10	1.25	1.4
R3T*19	P90+A	90°	IN	OUT	.03	0	0	FLUSH	X	4.5	102.1	102.4	102.5		122.1		
20									X						122.2		
21										6.0	103.3	104.1	105.1	106.1	107.1	108.1	109.101
22											103.4	101.4	101.5				
23											101.3						
24								OUT		2.0	125.1		128.1		141.3	142.1	143.2
25															141.4	142.2	143.3
26									X	4.5	121.1	124.2	123.1	136.1	135.1	137.2	138.2
27									X						135.2		138.3
28										6.0	130.1		129.1		134.1	132.5	
29															134.2		
30	P90+S		OUT	IN				FLUSH		2.0	196.1		191.1			184.1	
31									X	4.5	197.1	201.1	190.1	188.1	185.1	180.1	177.1
32									X								177.2
33										6.0	202.1		193.1			181.1	
34								OUT		2.0	195.1		192.1			183.1	
35									X	4.5	198.1	200.1	189.1	187.2	186.1	179.1	178.1
36										6.0	199.1		194.1			182.1	

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

NASA-MSFC-MAF

TABLE II (Continued)

TEST: QA252 (ARC 382-22)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 11/29/79

DATA SET IDENTIFIER	CONFIGURATION	PANEL	TIME A	SHOCK GEN	GAP SIZE	TILE STEP FWD	TILE STEP AFT	WALL POSITION	B.L. DATA	RN/FT	MACH NUMBERS 0.6	0.8	0.9	1.05	1.10	1.25	1.4
R3T*37	P90 + A + 5	90°	IN	IN	.03	0	0	FLUSH		2.0			219.1			209.3	
38									X	4.5			216.1	213.1	212.1	205.1	204.1
39										6.0			218.1			208.1	
40								OUT		2.0			220.1			210.1	
41									X	4.5			215.1	214.1	211.1	206.1	203.1
42										6.0			217.1			207.1	
43	P90		OUT	OUT		-.02	-.02	FLUSH		4.5	231.11	231.9	231.8	231.4	231.3	231.2	231.1
44						.02	.02				232.9	232.8	232.7	232.6	232.5	232.4	232.3
45																	232.2
46						0	.16				233.4	233.3	233.2	237.1	236.1	235.1	234.2
47					.017	0	0				244.1	243.1	242.1	241.1	240.1	239.1	238.1
48					.067	0	0				251.1	250.1	249.1	248.1	247.1	246.1	245.1
49					.067												245.2
50	P45	45°			.03					2.0	281.1		284.1		265.1	262.1	
51									X	4.5	277.1	274.1	273.1	270.1	269.1	261.1	257.1
52									X	4.5						261.2	
53										6.0	278.1		283.1		266.1	258.1	
54								OUT		2.0	280.1		285.1		264.1	263.1	
55										4.5	276.1	275.1	272.1	271.1	268.1	260.1	256.1

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

NASA-MSFC-MAF

TABLE II (Continued)

TEST: ØA252 (ARC 382-22) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE: 11/29/79

DATA SET IDENTIFIER	CONFIGURATION	PANEL	TUNE A	SHOCK GEN	GAP SIZE	TILE STEP FWD	TILE STEP AFT	WALL POSITION	B.L. DATA	RN/FT	MACH NUMBERS 0.6	0.8	0.9	1.05	1.10	1.25	1.4	TEST RUN NUMBERS
R3T*56	P45	45°	OUT	OUT	.03	0	0	OUT		6.0	279.1		282.1		267.1	259.1		
57	P45+A		IN					FLUSH	X	4.5	339.1	342.1	398.1	397.2	354.1	353.1	352.1	
58									X				398.2	355.1				
59									X				398.3					
60									X				356.1					
61								OUT	X		340.1	341.2	351.1	350.1	345.1	344.1	343.2	
62	P45+A+S			IN				FLUSH		2.0				338.1	335.1	334.1		
63									X	4.5			314.1	315.1	316.1	317.1	318.1	
64										6.0				331.1	330.4	319.2		
65								OUT		2.0				337.1	336.1	333.1		
66									X	4.5			313.1	312.2	311.1	310.1	309.1	
67										6.0				332.1	321.1	320.1		
68	P45+S		OUT					FLUSH		2.0				300.1	299.1	296.2		
69									X	4.5			307.1	306.1	303.1	288.1	287.2	
70										6.0				295.1	292.1	302.2		
71														295.2		291.1		
72														295.3				
73								OUT		2.0				301.1	298.1	297.1		

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

COEFFICIENTS — IDVAR (1) — IDVAR (2) — NDV

α OR β SCHEDULES

NASA-MSFC-MAF

TABLE II (Concluded)

TEST: ØA252 (ARC 382-22

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 11/29/79

DATA SET IDENTIFIER	CONFIGURATION	PANEL	TILE A	SHOCK GEN	GAP SIZE	TILE STOP FWD.	TILE STOP AFT.	WALL POSITION	B.L. DATA	RN/FT	MACH NUMBERS 0.6	0.8	0.9	1.05	1.10	1.25	1.4
R3T 74	P45 + 5	45°	OUT	IN	.03	0	0	OUT		2.0					298.2		
75									X	4.5			308.1	305.1	304.1	289.1	286.1
76										6.0				294.1	293.1	290.1	
77	P45			OUT		-.02	-.02	FLUSH		4.5	367.1	366.1	365.1	364.1	363.1	362.1	361.3
78						.02	.02				374.1	373.1	372.1	371.1	370.1	369.1	368.1
79						0	.16				381.1	380.1	379.1	378.1	377.1	376.1	375.1
80					.017	0	0				388.1	387.1	386.1	385.1	384.1	383.1	382.1
81					.067	0	0				395.1	394.1	393.1	392.1	391.1	390.1	389.1
82	P45+A		IN		.03	-.02	-.02							360.1	359.1	358.1	357.2

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

NASA-MSFC-MAF

a. SURFACE MEASUREMENTS-45 DEG. PANEL

ORIFICE NO.	ID	LOCATION X	Y	Z
1	A 1	0.000	2.121	-2.400
2	A 2	0.707	1.414	-2.400
3	A 3	1.414	0.707	-2.400
4	A 4	2.121	0.000	-2.400
5	A 5	-0.707	1.414	-2.400
6	A 6	0.000	0.707	-2.400
7	A 7	0.707	0.000	-2.400
8	A 8	1.414	-0.707	-2.400
9	A 9	-1.414	0.707	-2.400
10	A10	-0.707	0.000	-2.400
11	A11	0.000	-0.707	-2.400
12	A12	0.707	-1.414	-2.400
13	A13	-2.121	0.000	-2.400
14	A14	-1.414	-0.707	-2.400
15	A15	-0.707	-1.414	-2.400
16	A16	0.000	-2.121	-2.400
17	B 1	-1.425	6.396	0.000
18	B 2	-0.718	5.689	0.000
19	B 3	-0.011	4.982	0.000
20	B 4	0.697	4.274	0.000
21	B 5	-2.132	5.689	0.000
22	B 6	-1.425	4.982	0.000
23	B 7	-0.718	4.274	0.000
24	B 8	-0.011	3.567	0.000
25	B 9	-2.839	4.982	0.000
26	B10	-2.132	4.274	0.000
27	B11	-1.425	3.567	0.000
28	B12	-0.718	2.860	0.000
29	B13	-3.546	4.274	0.000
30	B14	-2.839	3.567	0.000
31	B15	-2.132	2.860	0.000
32	B16	-1.425	2.153	0.000
33	C 1	-4.274	3.546	0.000
34	C 2	-3.567	2.839	0.000
35	C 3	-2.860	2.132	0.000
36	C 4	-2.153	1.425	0.000
37	C 5	-4.982	2.839	0.000
38	C 6	-4.274	2.132	0.000
39	C 7	-3.567	1.425	0.000
40	C 8	-2.860	0.718	0.000
41	C 9	-5.689	2.132	0.000
42	C10	-4.982	1.425	0.000
43	C11	-4.274	0.718	0.000
44	C12	-3.567	0.011	0.000
45	C13	-6.396	1.425	0.000
46	C14	-5.689	0.718	0.000
47	C15	-4.982	0.011	0.000
48	C16	-4.274	-0.697	0.000
49	D 1	-2.850	-0.728	0.000
50	D 2	-2.143	-1.435	0.000

TABLE III (Continued)

a. SURFACE MEASUREMENTS-45 DEG. PANEL

ORIFICE NO.	ID	LOCATION X	Y	Z
51	D 3	-1.435	-2.143	0.000
52	D 4	-0.728	-2.850	0.000
53	D 5	-3.557	-1.435	0.000
54	D 6	-2.850	-2.143	0.000
55	D 7	-2.143	-2.850	0.000
56	D 8	-1.435	-3.557	0.000
57	D 9	-4.264	-2.143	0.000
58	D10	-3.557	-2.850	0.000
59	D11	-2.850	-3.557	0.000
60	D12	-2.143	-4.264	0.000
61	D13	-4.971	-2.850	0.000
62	D14	-4.264	-3.557	0.000
63	D15	-3.557	-4.264	0.000
64	D16	-2.850	-4.971	0.000
65	E 1	1.425	-2.153	0.000
66	E 2	2.132	-2.860	0.000
67	E 3	2.839	-3.567	0.000
68	E 4	3.546	-4.274	0.000
69	E 5	0.718	-2.860	0.000
70	E 6	1.425	-3.567	0.000
71	E 7	2.132	-4.274	0.000
72	E 8	2.839	-4.982	0.000
73	E 9	0.011	-3.567	0.000
74	E10	0.718	-4.274	0.000
75	E11	1.425	-4.982	0.000
76	E12	2.132	-5.689	0.000
77	E13	-0.697	-4.274	0.000
78	E14	0.011	-4.982	0.000
79	E15	0.718	-5.689	0.000
80	E16	1.425	-6.396	0.000
81	F 1	4.274	0.697	0.000
82	F 2	4.982	-0.011	0.000
83	F 3	5.689	-0.718	0.000
84	F 4	6.396	-1.425	0.000
85	F 5	3.567	-0.011	0.000
86	F 6	4.274	-0.718	0.000
87	F 7	4.982	-1.425	0.000
88	F 8	5.689	-2.132	0.000
89	F 9	2.860	-0.718	0.000
90	F10	3.567	-1.425	0.000
91	F11	4.274	-2.132	0.000
92	F12	4.982	-2.839	0.000
93	F13	2.153	-1.425	0.000
94	F14	2.860	-2.132	0.000
95	F15	3.567	-2.839	0.000
96	F16	4.274	-3.546	0.000
97	G 1	2.850	4.971	0.000
98	G 2	3.557	4.264	0.000
99	G 3	4.264	3.557	0.000
100	G 4	4.971	2.850	0.000

a. SURFACE MEASUREMENTS-45 DEG. PANEL

ORIFICE NO.	ID	LOCATION X	Y	Z
101	G 5	2.143	4.264	0.000
102	G 6	2.850	3.557	0.000
103	G 7	3.557	2.850	0.000
104	G 8	4.264	2.143	0.000
105	G 9	1.435	3.557	0.000
106	G10	2.143	2.850	0.000
107	G11	2.850	2.143	0.000
108	G12	3.557	1.435	0.000
109	G13	0.728	2.850	0.000
110	G14	1.435	2.143	0.000
111	G15	2.143	1.435	0.000
112	G16	2.850	0.728	0.000

b. TILE WALL MEASUREMENTS-45 DEG. PANEL

ORIFICE NO.	ID	LOCATION X	Y	Z
113	1A	-1.435	7.135	-0.400
114	1B	-1.435	7.135	-1.200
115	1C	-1.435	7.135	-2.000
116	2A	-4.285	4.285	-0.400
117	2B	-4.285	4.285	-1.200
118	2C	-4.285	4.285	-2.000
119	3A	-7.135	1.435	-0.400
120	3B	-7.135	1.435	-1.200
121	3C	-7.135	1.435	-2.000
122	4A	-2.860	5.710	-0.400
123	4B	-2.860	5.710	-1.200
124	4C	-2.860	5.710	-2.000
125	5A	-5.710	2.860	-0.400
126	5B	-5.710	2.860	-1.200
127	5C	-5.710	2.860	-2.000
128	6A	0.011	5.710	-0.400
129	6B	0.011	5.710	-1.200
130	6C	0.011	5.710	-2.000
131	7A	-2.860	2.839	-0.400
132	7B	-2.860	2.839	-1.200
133	7C	-2.860	2.839	-2.000
134	8A	-5.710	-0.011	-0.400
135	8B	-5.710	-0.011	-1.200
136	8C	-5.710	-0.011	-2.000
137	9A	2.839	5.710	-0.400
138	9B	2.839	5.710	-1.200
139	9C	2.839	5.710	-2.000
140	10A	-0.099	2.772	-0.400
141	10B	-0.099	2.772	-1.200
142	10C	-0.099	2.772	-2.000
143	11A	-1.534	1.336	-0.400
144	11B	-1.534	1.336	-1.200
145	11C	-1.534	1.336	-2.000
146	12A	-2.772	0.099	-0.400
147	12B	-2.772	0.099	-1.200
148	12C	-2.772	0.099	-2.000
149	13A	-5.710	-2.839	-0.400
150	13B	-5.710	-2.839	-1.200
151	13C	-5.710	-2.839	-2.000
152	14A	1.435	4.264	-0.400
153	14B	1.435	4.264	-1.200
154	14C	1.435	4.264	-2.000
155	15A	-4.264	-1.435	-0.400
156	15B	-4.264	-1.435	-1.200
157	15C	-4.264	-1.435	-2.000
158	16A	4.285	4.285	-0.400
159	16B	4.285	4.285	-1.200
160	16C	4.285	4.285	-2.000

b. TILE WALL MEASUREMENTS-45 DEG. PANEL

ORIFICE NO.	ID	LOCATION X	Y	Z
161	17A	1.435	1.435	-0.400
162	17B	1.435	1.435	-1.200
163	17C	1.435	1.435	-2.000
164	18A	-1.435	-1.435	-0.400
165	18B	-1.435	-1.435	-1.200
166	18C	-1.435	-1.435	-2.000
167	19A	-4.285	-4.285	-0.400
168	19B	-4.285	-4.285	-1.200
169	19C	-4.285	-4.285	-2.000
170	20A	4.264	1.435	-0.400
171	20B	4.264	1.435	-1.200
172	20C	4.264	1.435	-2.000
173	21A	-1.435	-4.264	-0.400
174	21B	-1.435	-4.264	-1.200
175	21C	-1.435	-4.264	-2.000
176	22A	5.710	2.839	-0.400
177	22B	5.710	2.839	-1.200
178	22C	5.710	2.839	-2.000
179	23A	2.772	-0.099	-0.400
180	23B	2.772	-0.099	-1.200
181	23C	2.772	-0.099	-2.000
182	24A	1.336	-1.534	-0.400
183	24B	1.336	-1.534	-1.200
184	24C	1.336	-1.534	-2.000
185	25A	0.099	-2.772	-0.400
186	25B	0.099	-2.772	-1.200
187	25C	0.099	-2.772	-2.000
188	26A	-2.839	-5.710	-0.400
189	26B	-2.839	-5.710	-1.200
190	26C	-2.839	-5.710	-2.000
191	27A	5.710	0.011	-0.400
192	27B	5.710	0.011	-1.200
193	27C	5.710	0.011	-2.000
194	28A	2.839	-2.860	-0.400
195	28B	2.839	-2.860	-1.200
196	28C	2.839	-2.860	-2.000
197	29A	-0.011	-5.710	-0.400
198	29B	-0.011	-5.710	-1.200
199	29C	-0.011	-5.710	-2.000
200	30A	5.689	-2.839	-0.400
201	30B	5.689	-2.839	-1.200
202	30C	5.689	-2.839	-2.000
203	31A	2.839	-5.689	-0.400
204	31B	2.839	-5.689	-1.200
205	31C	2.839	-5.689	-2.000
206	32A	7.135	-1.435	-0.400
207	32B	7.135	-1.435	-1.200
208	32C	7.135	-1.435	-2.000

b. TILE WALL MEASUREMENTS-45 DEG. PANEL

ORIFICE NO.	ID	LOCATION X	Y	Z
209	33A	4.285	-4.285	-0.400
210	33B	4.285	-4.285	-1.200
211	33C	4.285	-4.285	-2.000
212	34A	1.435	-7.135	-0.400
213	34B	1.435	-7.135	-1.200
214	34C	1.435	-7.135	-2.000

TABLE IV

FIXTURE MEASUREMENTS

ORIFICE NO.	ID	LOCATION X	Y	Z
215	P 1	-14.475	9.000	0.000
216	P 2	-14.475	6.000	0.000
217	P 3	-14.475	3.000	0.000
218	P 4	-14.475	0.000	0.000
219	P 5	-14.475	-3.000	0.000
220	P 6	-14.475	-6.000	0.000
221	P 7	-14.475	-9.000	0.000
222	P 8	-12.000	10.700	0.000
223	P 9	-9.000	10.700	0.000
224	P10	-6.000	10.700	0.000
225	P11	-3.000	10.700	0.000
226	P12	0.000	10.700	0.000
227	P13	3.000	10.700	0.000
228	P14	6.000	10.700	0.000
229	P15	9.000	10.700	0.000
230	P16	12.000	10.700	0.000
231	P17	-12.000	-10.700	0.000
232	P18	-9.000	-10.700	0.000
233	P19	-6.000	-10.700	0.000
234	P20	-3.000	-10.700	0.000
235	P21	0.000	-10.700	0.000
236	P22	3.000	-10.700	0.000
237	P23	6.000	-10.700	0.000
238	P24	9.000	-10.700	0.000
239	P25	12.000	-10.700	0.000
240	P26	14.475	9.000	0.000
241	P27	14.475	3.000	0.000
242	P28	14.475	0.000	0.000
243	P29	14.475	-6.000	0.000
244	P30	14.475	-9.000	0.000

TABLE V

Pressure Orifice Locations-(P90)

a. SURFACE MEASUREMENTS-90 DEG. PANEL

ORIFICE NO.	ID	LOCATION X	Y	Z
1	A 1	0.515	1.500	-2.400
2	A 2	1.515	1.500	-2.400
3	A 3	2.515	1.500	-2.400
4	A 4	3.515	1.500	-2.400
5	A 5	0.515	0.500	-2.400
6	A 6	1.515	0.500	-2.400
7	A 7	2.515	0.500	-2.400
8	A 8	3.515	0.500	-2.400
9	A 9	0.515	-0.500	-2.400
10	A10	1.515	-0.500	-2.400
11	A11	2.515	-0.500	-2.400
12	A12	3.515	-0.500	-2.400
13	A13	0.515	-1.500	-2.400
14	A14	1.515	-1.500	-2.400
15	A15	2.515	-1.500	-2.400
16	A16	3.515	-1.500	-2.400
17	B 1	-3.515	3.515	0.000
18	B 2	-2.515	3.515	0.000
19	B 3	-1.515	3.515	0.000
20	B 4	-0.515	3.515	0.000
21	B 5	-3.515	2.515	0.000
22	B 6	-2.515	2.515	0.000
23	B 7	-1.515	2.515	0.000
24	B 8	-0.515	2.515	0.000
25	B 9	-3.515	1.515	0.000
26	B10	-2.515	1.515	0.000
27	B11	-1.515	1.515	0.000
28	B12	-0.515	1.515	0.000
29	B13	-3.515	0.515	0.000
30	B14	-2.515	0.515	0.000
31	B15	-1.515	0.515	0.000
32	B16	-0.515	0.515	0.000
33	C 1	-3.515	-0.515	0.000
34	C 2	-2.515	-0.515	0.000
35	C 3	-1.515	-0.515	0.000
36	C 4	-0.515	-0.515	0.000
37	C 5	-3.515	-1.515	0.000
38	C 6	-2.515	-1.515	0.000
39	C 7	-1.515	-1.515	0.000
40	C 8	-0.515	-1.515	0.000
41	C 9	-3.515	-2.515	0.000
42	C10	-2.515	-2.515	0.000
43	C11	-1.515	-2.515	0.000
44	C12	-0.515	-2.515	0.000
45	C13	-3.515	-3.515	0.000
46	C14	-2.515	-3.515	0.000
47	C15	-1.515	-3.515	0.000
48	C16	-0.515	-3.515	0.000
49	D 1	0.515	-2.530	0.000
50	D 2	1.515	-2.530	0.000

TABLE V (Continued)

a. SURFACE MEASUREMENTS-90 DEG. PANEL

ORIFICE NO.	ID	LOCATION X	Y	Z
51	D 3	2.515	-2.530	0.000
52	D 4	3.515	-2.530	0.000
53	D 5	0.515	-3.530	0.000
54	D 6	1.515	-3.530	0.000
55	D 7	2.515	-3.530	0.000
56	D 8	3.515	-3.530	0.000
57	D 9	0.515	-4.530	0.000
58	D10	1.515	-4.530	0.000
59	D11	2.515	-4.530	0.000
60	D12	3.515	-4.530	0.000
61	D13	0.515	-5.530	0.000
62	D14	1.515	-5.530	0.000
63	D15	2.515	-5.530	0.000
64	D16	3.515	-5.530	0.000
65	E 1	4.545	-0.515	0.000
66	E 2	5.545	-0.515	0.000
67	E 3	6.545	-0.515	0.000
68	E 4	7.545	-0.515	0.000
69	E 5	4.545	-1.515	0.000
70	E 6	5.545	-1.515	0.000
71	E 7	6.545	-1.515	0.000
72	E 8	7.545	-1.515	0.000
73	E 9	4.545	-2.515	0.000
74	E10	5.545	-2.515	0.000
75	E11	6.545	-2.515	0.000
76	E12	7.545	-2.515	0.000
77	E13	4.545	-3.515	0.000
78	E14	5.545	-3.515	0.000
79	E15	6.545	-3.515	0.000
80	E16	7.545	-3.515	0.000
81	F 1	4.545	3.515	0.000
82	F 2	5.545	3.515	0.000
83	F 3	6.545	3.515	0.000
84	F 4	7.545	3.515	0.000
85	F 5	4.545	2.515	0.000
86	F 6	5.545	2.515	0.000
87	F 7	6.545	2.515	0.000
88	F 8	7.545	2.515	0.000
89	F 9	4.545	1.515	0.000
90	F10	5.545	1.515	0.000
91	F11	6.545	1.515	0.000
92	F12	7.545	1.515	0.000
93	F13	4.545	0.515	0.000
94	F14	5.545	0.515	0.000
95	F15	6.545	0.515	0.000
96	F16	7.545	0.515	0.000
97	G 1	0.515	5.530	0.000
98	G 2	1.515	5.530	0.000
99	G 3	2.515	5.530	0.000
100	G 4	3.515	5.530	0.000

TABLE V (Continued)

a. SURFACE MEASUREMENTS-90 DEG. PANEL

ORIFICE NO.	ID	LOCATION X	Y	Z
101	G 5	0.515	4.530	0.000
102	G 6	1.515	4.530	0.000
103	G 7	2.515	4.530	0.000
104	G 8	3.515	4.530	0.000
105	G 9	0.515	3.530	0.000
106	G10	1.515	3.530	0.000
107	G11	2.515	3.530	0.000
108	G12	3.515	3.530	0.000
109	G13	0.515	2.530	0.000
110	G14	1.515	2.530	0.000
111	G15	2.515	2.530	0.000
112	G16	3.515	2.530	0.000

b. TILE WALL MEASUREMENTS-90 DEG. PANEL

ORIFICE NO.	ID	LOCATION X	Y	Z
113	1A	-4.045	4.030	-0.400
114	1B	-4.045	4.030	-1.200
115	1C	-4.045	4.030	-2.000
116	2A	-4.045	0.000	-0.400
117	2B	-4.045	0.000	-1.200
118	2C	-4.045	0.000	-2.000
119	3A	-4.045	-4.030	-0.400
120	3B	-4.045	-4.030	-1.200
121	3C	-4.045	-4.030	-2.000
122	4A	-4.045	2.015	-0.400
123	4B	-4.045	2.015	-1.200
124	4C	-4.045	2.015	-2.000
125	5A	-4.045	-2.015	-0.400
126	5B	-4.045	-2.015	-1.200
127	5C	-4.045	-2.015	-2.000
128	6A	-2.015	4.045	-0.400
129	6B	-2.015	4.045	-1.200
130	6C	-2.015	4.045	-2.000
131	7A	-2.015	-0.015	-0.400
132	7B	-2.015	-0.015	-1.200
133	7C	-2.015	-0.015	-2.000
134	8A	-2.015	-4.045	-0.400
135	8B	-2.015	-4.045	-1.200
136	8C	-2.015	-4.045	-2.000
137	9A	-0.015	6.045	-0.400
138	9B	-0.015	6.045	-1.200
139	9C	-0.015	6.045	-2.000
140	10A	-0.015	1.890	-0.400
141	10B	-0.015	1.890	-1.200
142	10C	-0.015	1.890	-2.000
143	11A	-0.015	-0.140	-0.400
144	11B	-0.015	-0.140	-1.200
145	11C	-0.015	-0.140	-2.000
146	12A	-0.015	-1.890	-0.400
147	12B	-0.015	-1.890	-1.200
148	12C	-0.015	-1.890	-2.000
149	13A	-0.015	-6.045	-0.400
150	13B	-0.015	-6.045	-1.200
151	13C	-0.015	-6.045	-2.000
152	14A	0.015	4.030	-0.400
153	14B	0.015	4.030	-1.200
154	14C	0.015	4.030	-2.000
155	15A	0.015	-4.030	-0.400
156	15B	0.015	-4.030	-1.200
157	15C	0.015	-4.030	-2.000
158	16A	2.015	6.060	-0.400
159	16B	2.015	6.060	-1.200
160	16C	2.015	6.060	-2.000

b. TILE WALL MEASUREMENTS-90 DEG. PANEL

ORIFICE NO.	ID	LOCATION X	Y	Z
161	17A	2.015	2.030	-0.400
162	17B	2.015	2.030	-1.200
163	17C	2.015	2.030	-2.000
164	18A	2.015	-2.030	-0.400
165	18B	2.015	-2.030	-1.200
166	18C	2.015	-2.030	-2.000
167	19A	2.015	-6.060	-0.400
168	19B	2.015	-6.060	-1.200
169	19C	2.015	-6.060	-2.000
170	20A	4.015	4.030	-0.400
171	20B	4.015	4.030	-1.200
172	20C	4.015	4.030	-2.000
173	21A	4.015	-4.030	-0.400
174	21B	4.015	-4.030	-1.200
175	21C	4.015	-4.030	-2.000
176	22A	4.045	6.045	-0.400
177	22B	4.045	6.045	-1.200
178	22C	4.045	6.045	-2.000
179	23A	4.045	1.890	-0.400
180	23B	4.045	1.890	-1.200
181	23C	4.045	1.890	-2.000
182	24A	4.045	-0.140	-0.400
183	24B	4.045	-0.140	-1.200
184	24C	4.045	-0.140	-2.000
185	25A	4.045	-1.890	-0.400
186	25B	4.045	-1.890	-1.200
187	25C	4.045	-1.890	-2.000
188	26A	4.045	-6.045	-0.400
189	26B	4.045	-6.045	-1.200
190	26C	4.045	-6.045	-2.000
191	27A	6.045	4.045	-0.400
192	27B	6.045	4.045	-1.200
193	27C	6.045	4.045	-2.000
194	28A	6.045	-0.015	-0.400
195	28B	6.045	-0.015	-1.200
196	28C	6.045	-0.015	-2.000
197	29A	6.045	-4.045	-0.400
198	29B	6.045	-4.045	-1.200
199	29C	6.045	-4.045	-2.000
200	30A	8.045	2.015	-0.400
201	30B	8.045	2.015	-1.200
202	30C	8.045	2.015	-2.000
203	31A	8.045	-2.015	-0.400
204	31B	8.045	-2.015	-1.200
205	31C	8.045	-2.015	-2.000
206	32A	8.075	4.030	-0.400
207	32B	8.075	4.030	-1.200
208	32C	8.075	4.030	-2.000

b. TILE WALL MEASUREMENTS-90 DEG. PANEL

ORIFICE NO.	ID	LOCATION X	Y	Z
209	33A	8.075	0.000	-0.400
210	33B	8.075	0.000	-1.200
211	33C	8.075	0.000	-2.000
212	34A	8.075	-4.030	-0.400
213	34B	8.075	-4.030	-1.200
214	34C	8.075	-4.030	-2.000

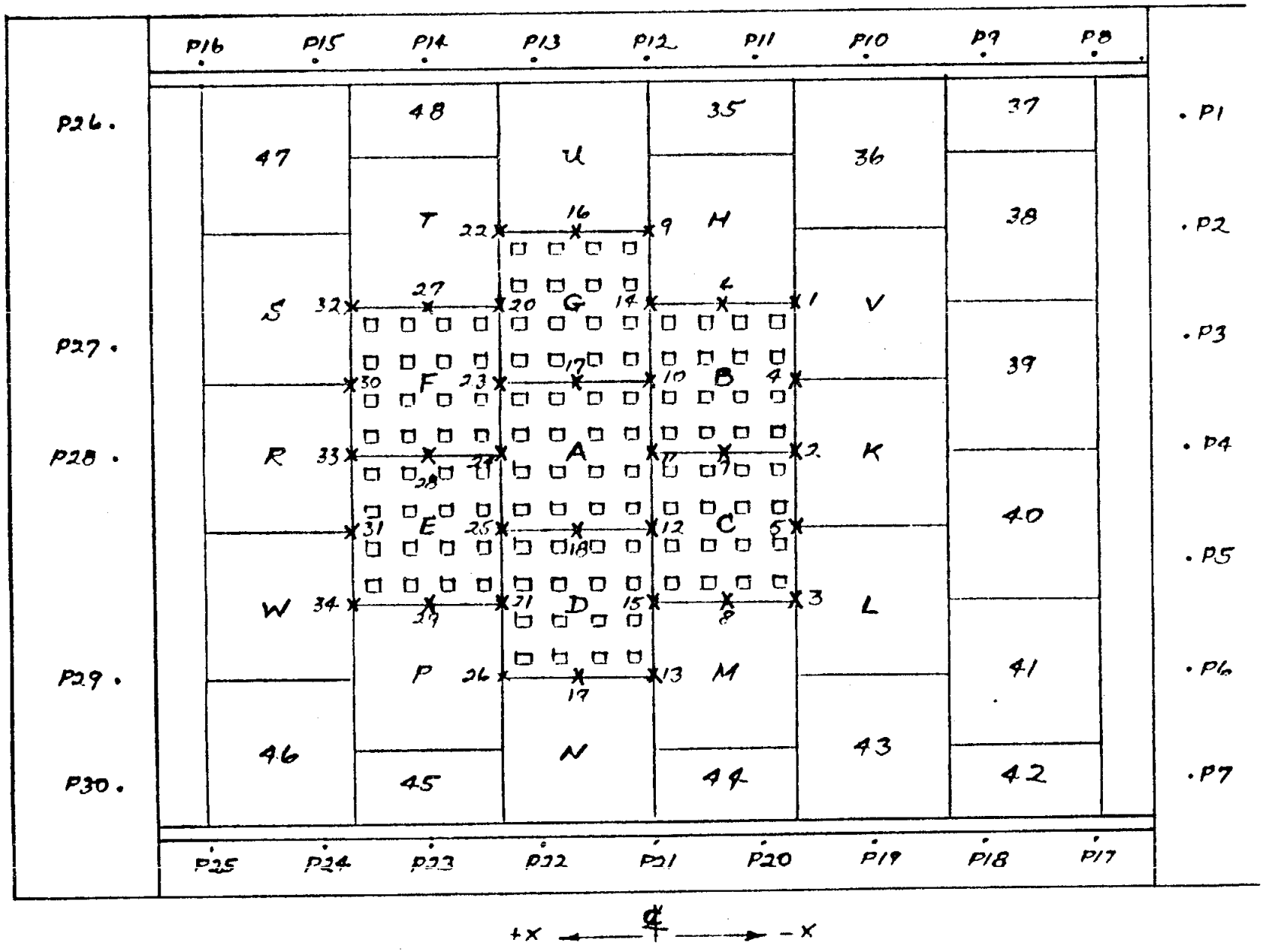


FIGURE 1. 90° PANEL AND MOVEABLE WALL

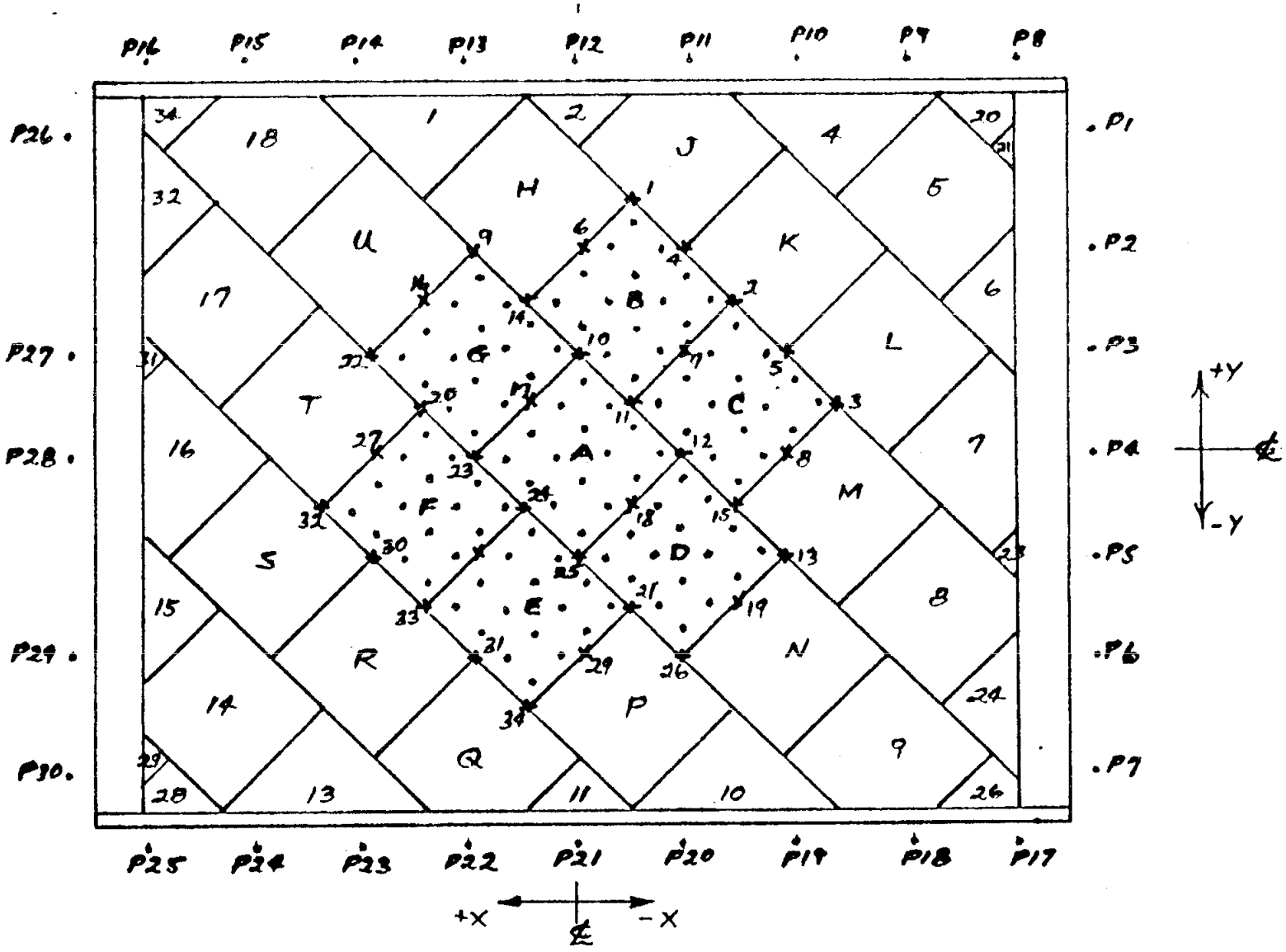


FIGURE 2. 45° PANEL

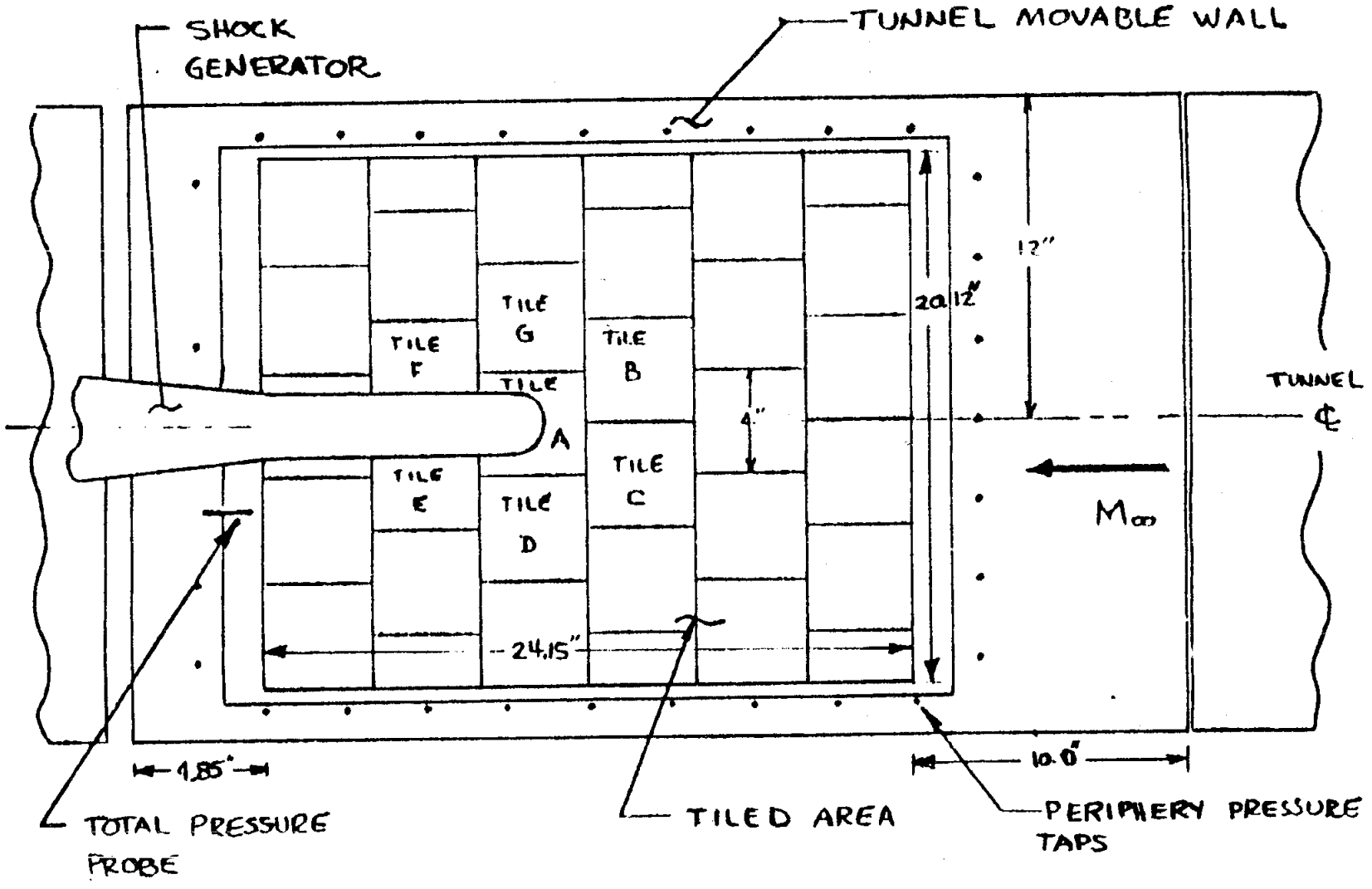


FIGURE 3. 90° PANEL AND SHOCK GENERATOR

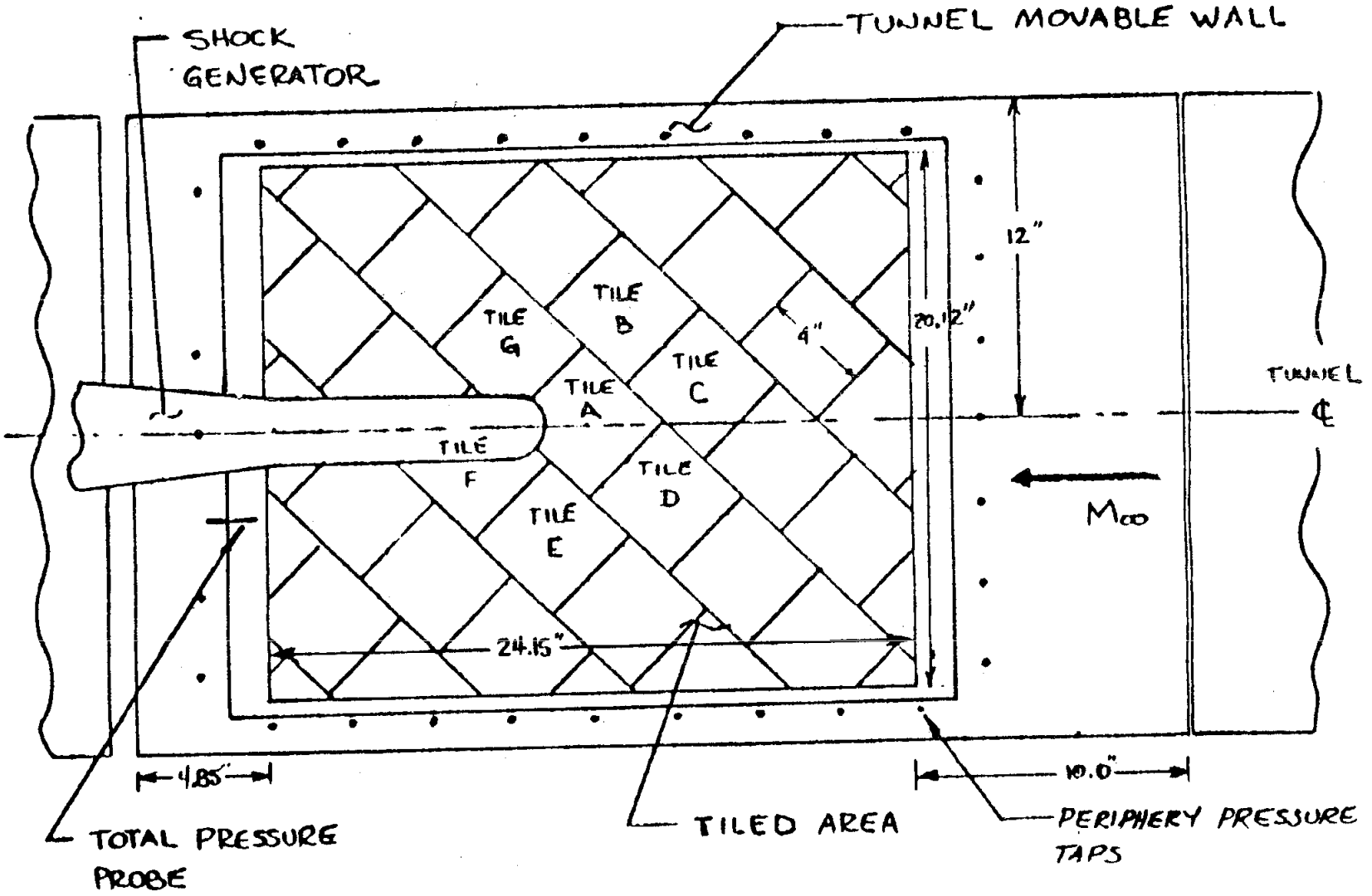
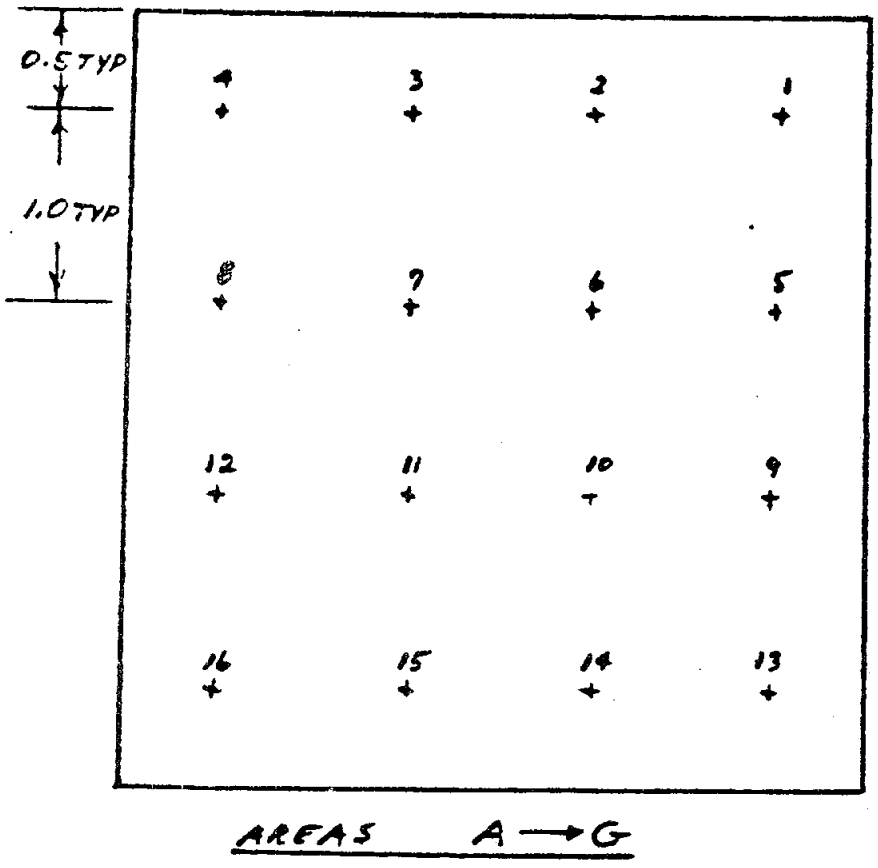


FIGURE 4. 45° PANEL AND SHOCK GENERATOR



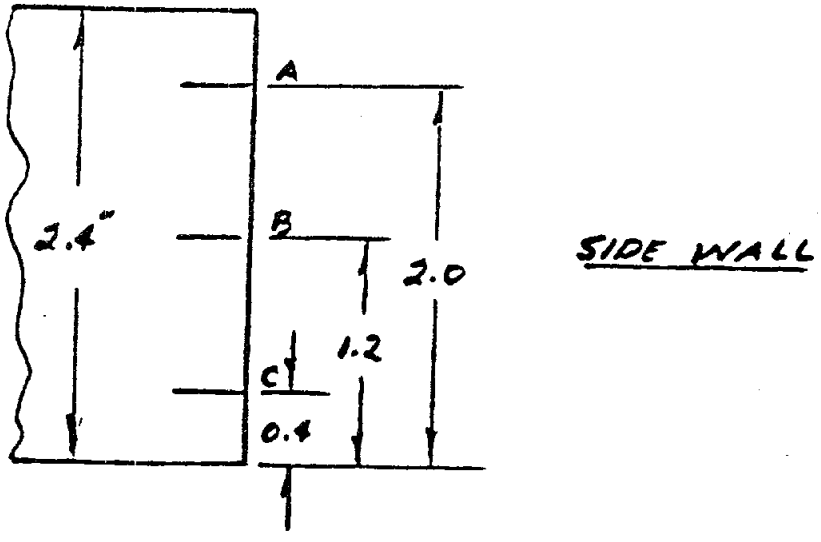
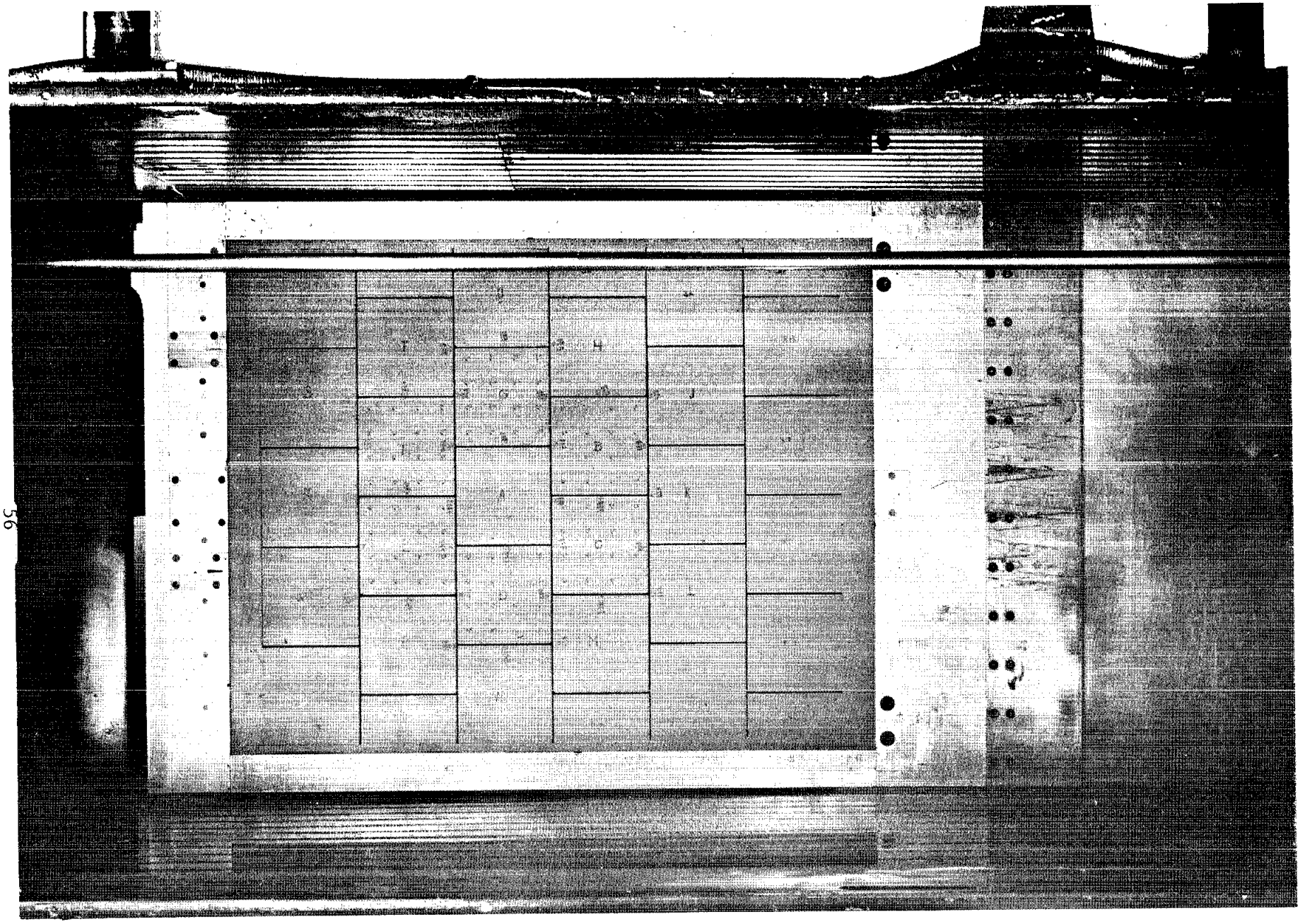
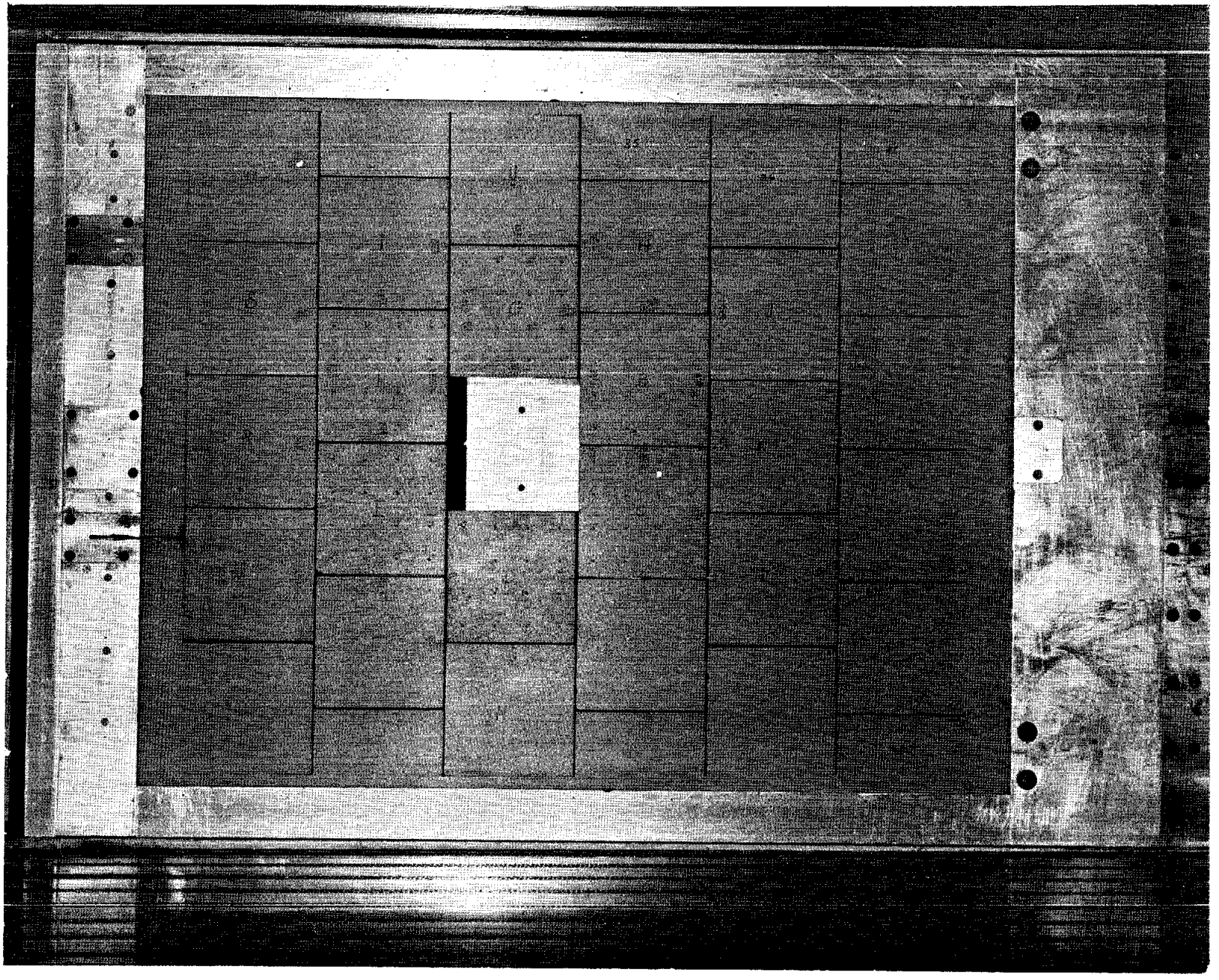


FIGURE 5. PRESSURE ORIFICE ARRANGEMENT



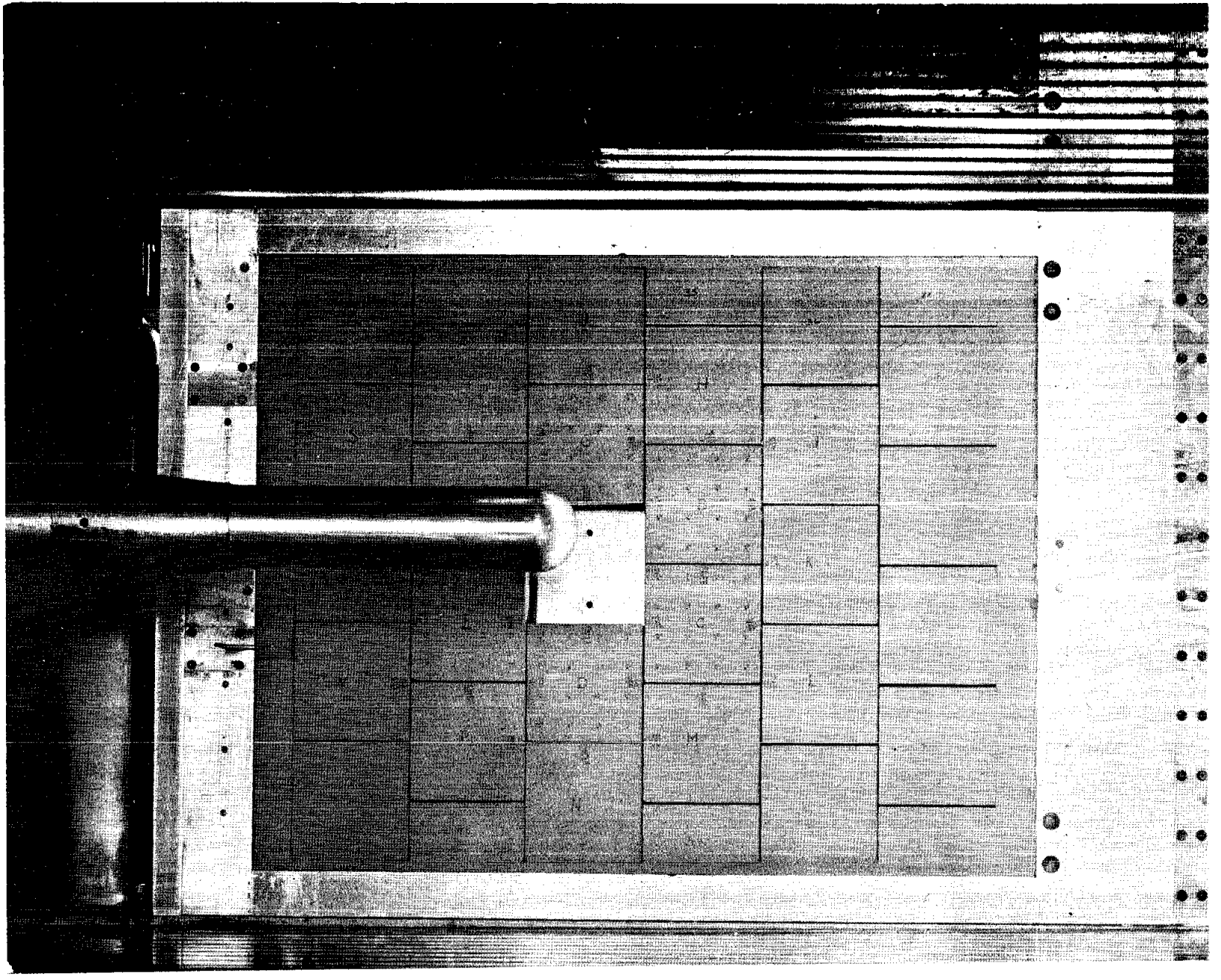
a. 90° TPS PANEL - CONFIG. P90+A

FIGURE 6. MODEL PHOTOGRAPHS



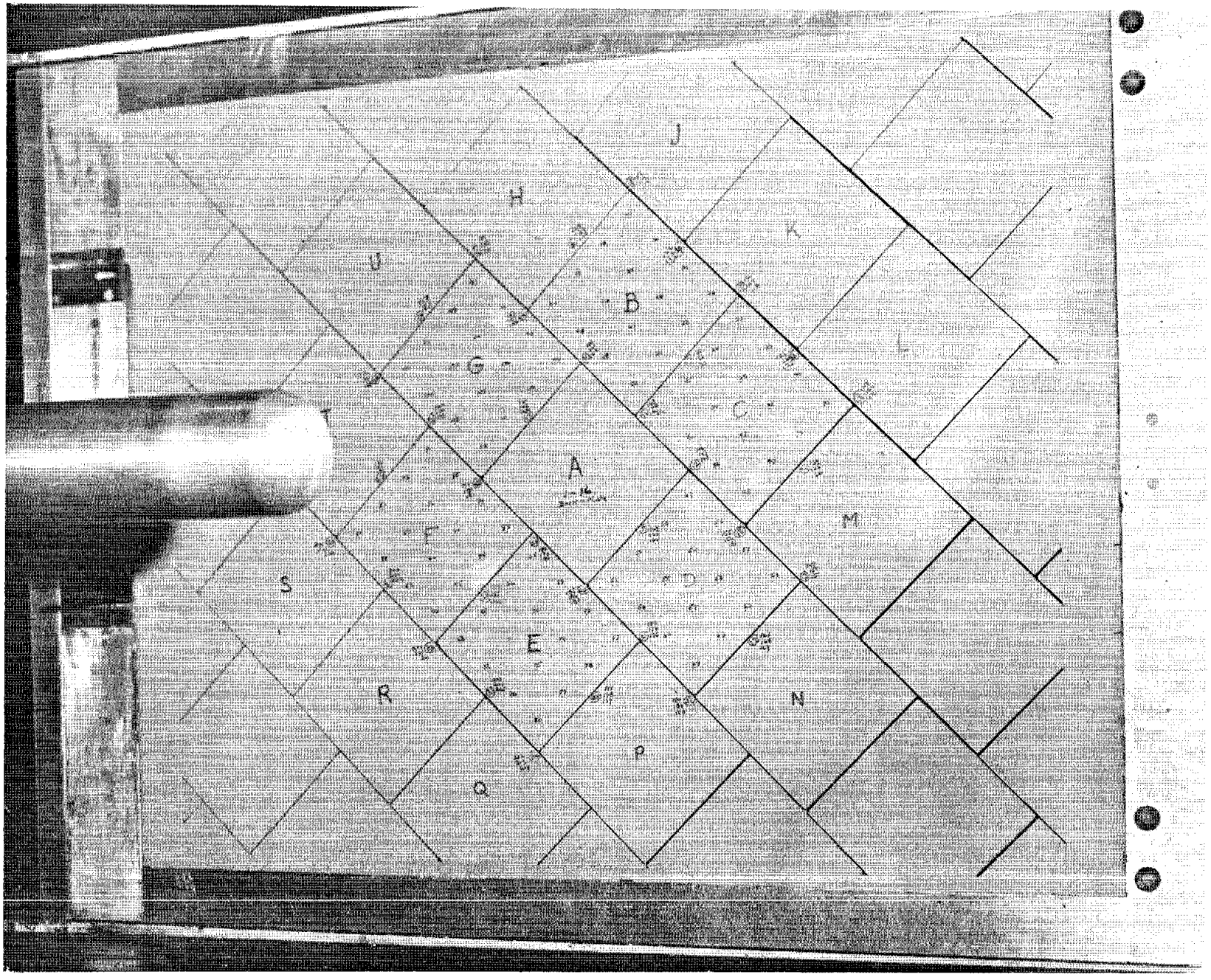
b. 90° TPS PANEL - CONFIG. P90

FIGURE 6. (Continued)



c. 90° TPS PANEL - CONFIG. P90+S

FIGURE 6. (Continued)



d. 45° TPS PANEL - CONFIG. P45+A+S

FIGURE 6. (Concluded)

Appendix

VOLUME 2

TABULATED SOURCE DATA

STATIC PRESSURES

Dataset Name	Description	Page No.
R3TS01-S13	Surface Pressures - P90	1- 44
R3TS14-S29	- P90+A	45- 98
R3TS30-S36	- P90+S	99-123
R3TS37-S42	- P90+A+S	124-141
R3TS43-S49	- P90	142-173
R3TS50-S56	- P45	174-242
R3TS57-S61	- P45+A	243-283
R3TS62-S67	- P45+A+S	284-331
R3TS68-S76	- P45+S	332-392
R3TS77-S81	- P45	393-467
R3TS82	- P45+A	468-476
R3TW01-W13	Tile Wall Pressures-P90	477-510
R3TW14-W29	- P90+A	511-549
R3TW30-W36	- P90+S	550-566
R3TW37-W42	- P90+A+S	567-580
R3TW43-W49	- P90	581-602
R3TW50-W56	- P45	603-623
R3TW57-W61	- P45+A	624-635
R3TW62-W67	- P45+A+S	636-649
R3TW68-W76	- P45+S	650-667
R3TW77-W81	- P45	668-687
R3TW82	- P45+A	688-690
R3TF01-F13	Fixture Pressures - P90	691-713
R3TF14-F29	- P90+A	714-744
R3TF30-F36	- P90+S	745-759
R3TF37-F42	- P90+A+S	760-769
R3TF43-F49	- P90	770-786
R3TF50-F56	- P45	787-801
R3TF57-F61	- P45+A	802-810
R3TF62-F67	- P45+A+S	811-823
R3TF68-F76	- P45+S	824-840
R3TF77-F81	- P45	841-855
R3TF82	- P45+A	856-857

OA-252 (PS0) SURFACE PRESS ON 90 DEG PANEL (R3TS01) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .603 RN/L (1) = 2.025 P = 937.84 PT = 1198.8 TTF = 68.790 Q = 238.51

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					.0000		-.0274	-.0036		.0083			.0176		-.0031	-.0087
-2.51500					-.0042		.0012	.0095		.0012			-.0375		-.0109	-.0144
-1.51500					.0053		.0155	.0125		.0220			.0123		.0295	.0083
-.51500					-.0215		.0059	.0053		-.0012			.0224		.0675	.0372
.51500	-.0187	-.0240	-.0281			-.0240			-.0147		.0036	.0116		.0493		
1.51500	-.0051	-.0240	-.0057			-.0240			-.0393		-.0662	-.0674		.0001		
2.51500	-.0139	-.0157	-.0334			.0326			.0184		-.0399	-.0708		-.0136		
3.51500	-.0157	-.0033	-.0269			.0090			.1271		.0871	.0173		.0430		
4.54500					-.0321		-.0032	-.0751		-.0509			-.0360		-.0390	-.0431
5.54500					-.0144		-.0509	-.0280		-.0191			-.0220		-.0143	-.0349
6.54500					-.0097		.0074	-.0127		-.0374			-.0114		.0115	-.0143
7.54500					-.0068		-.0044	.0044		-.0386			-.0225		-.0149	-.0009

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0073			
-2.51500		.0058			
-1.51500		.0034			
-.51500		.0176			
.51500	-.0438		-.0438	.0163	-.0214
1.51500	.0322		-.0426	-.0037	-.0037
2.51500	.0304		-.0426	-.0438	-.0261
3.51500	-.0527		-.0426	-.0438	-.0155
4.54500		-.0343			
5.54500		-.0548			
6.54500		-.0366			
7.54500		.0068			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS01)

MACH (2) = .895 RN/L (1) = 1.980 P = 562.28 PT = 947.03 TTF = 72.628 Q = 316.07

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0017		-.0317	-.0095		.0076			.0092		-.0119	-.0151
-2.51500				-.0028		-.0085	.0072		-.0082			-.0411		-.0231	-.0263
-1.51500				.0022		.0090	.0153		.0176			.0096		.0226	.0024
-.51500				-.0163		.0112	.0117		.0036			.0164		.0644	.0271
.51500	-.0149	-.0251	-.0278		-.0234			-.0079		.0098	.0081		.0423		
1.51500	-.0032	-.0265	.0003		-.0283			-.0378		-.0603	-.0646		.0012		
2.51500	-.0140	-.0167	-.0341		.0285			.0090		-.0248	-.0568		-.0144		
3.51500	-.0117	.0102	-.0162		.0151			.1037		.0790	.0315		.0315		
4.54500				-.0194		-.0082	-.0725		-.0582			-.0316		-.0525	-.0471
5.54500				-.0029		-.0390	-.0176		-.0127			-.0183		-.0121	-.0285
6.54500				-.0047		.0043	-.0038		-.0301			.0022		.0097	-.0041
7.54500				.0025		.0105	.0145		-.0314			-.0121		-.0050	.0097

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0047			
-2.51500		.0016			
-1.51500		.0016			
-.51500		.0141			
.51500	-.0235		-.0235	.0055	-.0324
1.51500	.0247		-.0231	.0010	-.0008
2.51500	-.0017		-.0231	.0010	-.0280
3.51500	-.0275		-.0231	-.0239	-.0311
4.54500		-.0431			
5.54500		-.0476			
6.54500		-.0343			
7.54500		.0057			

MACH (3) = 1.081 RN/L (1) = 1.983 P = 429.31 PT = 895.40 TTF = 71.164 Q = 351.15

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0130		-.0142	.0077		.0240			.0222		-.0093	-.0053
-2.51500				.0045		.0118	.0232		.0061			-.0335		-.0093	-.0323
-1.51500				.0276		.0321	.0362		.0345			.0318		.0335	.0097
-.51500				.0386		.0605	.0707		.0670			.0726		.0827	.0617
.51500	.0440	.0348	.0432		.0569			.0817		.0833	.0918		.1058		
1.51500	.0826	.0521	.0794		.0565			.0476		.0546	.0515		.0814		
2.51500	.1064	.0971	.0718		.1024			.0728		.0530	.0538		.0619		
3.51500	.1229	.1369	.1164		.1172			.1384		.1213	.1035		.0833		
4.54500				.1426		.1578	.1186		.1374			.1468		.1393	.1421

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS01)

MACH (3) = 1.081 RN/L (1) = 1.983

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					.1739		.1571	.1699		.1783		.1748		.1712	.1600
6.54500					.1904		.1996	.1940		.1807		.1947		.2055	.1959
7.54500					.2068		.2180	.2249		.2012		.2055		.2031	.2150

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0117			
-2.51500		.0189			
-1.51500		.0133			
-.51500		.0403			
.51500	.0778		.0702	.0626	.0302
1.51500	.0778		.0658	.0734	.0654
2.51500	.0766		.0658	.0738	.0802
3.51500	.0770		.0650	.0738	.1142
4.54500		.1341			
5.54500		.1632			
6.54500		.1760			
7.54500		.2191			

MACH (4) = 1.255 RN/L (1) = 2.049 P = 352.22 PT = 918.74 TTF = 72.419 Q = 388.45

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					.0118		-.0077	.0107		.0195		.0207		.0028	-.0041
-2.51500					.0070		.0085	.0199		.0033		-.0293		-.0074	-.0154
-1.51500					.0144		.0203	.0258		.0239		.0123		.0244	.0050
-.51500					-.0018		.0280	.0354		.0280		.0284		.0565	.0240
.51500	.0060	.0049	-.0002			.0119			.0416		.0514	.0532		.0658	
1.51500	.0155	.0031	.0199			.0086			.0018		-.0031	.0075		.0363	
2.51500	.0188	.0042	.0079			.0476			.0215		.0064	.0011		.0180	
3.51500	.0426	.0567	.0304			.0621			.0975		.1003	.0644		.0602	
4.54500					.0196		.0530	-.0334		-.0091		.0072		-.0069	-.0011
5.54500					.0799		.0581	.0563		.0745		.0650		.0473	.0607
6.54500					.1330		.1105	.1054		.1105		.1099		.0936	.1095
7.54500					.1780		.1846	.1889		.1962		.1670		.1485	.1713

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0105			
-2.51500		.0193			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS01)

MACH (4) = 1.255 RN/L (1) = 2.049

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		.0105			
-.51500		.0200			
.51500	.0062		.0233	.0334	-.0043
1.51500	.0345		.0222	.0363	.0327
2.51500	.0327		.0233	.0363	.0102
3.51500	.0146		.0066	.0098	.0218
4.54500		-.0142			
5.54500		.0556			
6.54500		.1330			
7.54500		.1941			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS02) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = -.003 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .608 RN/L (1) = 2.046 P = 943.50 PT = 1210.8 TTP = 71.024 Q = 243.98

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0091		-.0208	.0158		.0147			.0049		-.0124	-.0020
-2.51500				-.0033		.0007	-.0039		-.0161			-.0211		.0055	-.0113
-1.51500				-.0016		-.0109	.0100		-.0289			.0298		.0373	.0147
-.51500				-.0202		-.0202	.0083		-.0074			.0014		.0344	.0303
.51500	-.0100	-.0141	-.0117		-.0175			-.0372		-.0024	.0020		.0479		
1.51500	-.0037	-.0037	-.0002		-.0198			-.0472		-.0752	-.0808		-.0069		
2.51500	-.0025	-.0037	-.0037		-.0100			.0127		-.0495	-.0943		-.0136		
3.51500	-.0233	.0061	-.0123		.0217			.1196		.0882	.0043		.0300		
4.54500				-.0023		-.0249	-.0580		-.0354			-.0198		-.0439	-.0370
5.54500				-.0232		-.0354	-.0273		.0157			-.0210		-.0112	-.0261
6.54500				-.0075		.0041	-.0273		-.0331			-.0210		.0043	-.0049
7.54500				-.0064		.0110	-.0104		-.0273			-.0032		-.0072	-.0009

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0246			
-2.51500		-.0188			
-1.51500		.0107			
-.51500		.0246			
.51500	-.0436		.0041	.0110	-.0137
1.51500	.0150		.0041	.0064	.0116
2.51500	-.0155		.0041	.0058	-.0143
3.51500	-.0603		-.0436	.0041	-.0039
4.54500		-.0393			
5.54500		-.0273			
6.54500		-.0244			
7.54500		-.0106			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS02)

MACH (2) = .903 RN/L (1) = 2.030 P = 572.18 PT = 971.08 TTF = 74.022 Q = 326.71

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0071		-.0145	.0151		.0059			.0032		-.0179	-.0024
-2.51500				.0055		-.0006	-.0023		-.0019			-.0209		-.0058	-.0110
-1.51500				.0038		-.0102	.0168		-.0302			.0282		.0304	.0114
-.51500				-.0180		-.0106	.0186		-.0045			.0002		.0166	.0381
.51500	-.0083	-.0105	-.0105		-.0191			-.0168		.0058	.0150		.0317		
1.51500	.0068	-.0018	.0051		-.0122			-.0457		-.0632	-.0708		.0054		
2.51500	.0055	.0051	-.0001		-.0053			.0121		-.0377	-.0616		-.0172		
3.51500	-.0139	.0207	-.0053		.0276			.1007		.0836	.0188		.0221		
4.54500				.0011		-.0206	-.0522		-.0379			-.0171		-.0420	-.0428
5.54500				-.0036		-.0201	-.0184		.0224			-.0098		-.0068	-.0205
6.54500				.0094		.0137	-.0167		-.0219			-.0068		.0138	.0073
7.54500				.0129		.0302	.0042		-.0214			.0155		.0052	.0120

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0334			
-2.51500		-.0024			
-1.51500		.0097			
-.51500		.0261			
.51500	-.0245		.0074	.0044	-.0103
1.51500	.0233		.0078	.0104	.0155
2.51500	.0078		.0069	.0104	-.0176
3.51500	-.0395		-.0245	.0087	-.0085
4.54500		-.0356			
5.54500		-.0210			
6.54500		-.0171			
7.54500		-.0090			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS03) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = -.003 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 2.034 P = 946.33 PT = 1208.4 TTF = 70.431 Q = 240.46

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0133		-.0251	.0097		.0126			.0051		-.0201	-.0049
-2.51500				.0044		.0014	.0020		-.0109			-.0195		.0039	.0019
-1.51500				.0067		-.0139	.0165		-.0310			.0362		.0367	.0127
-.51500				-.0098		-.0227	.0174		-.0109			.0010		.0373	.0537
.51500	-.0128	-.0152	-.0204		-.0210			-.0305		.0013	-.0044		.0490		
1.51500	.0024	-.0011	.0047		-.0222			-.0504		-.0703	-.0862		-.0090		
2.51500	.0036	-.0011	-.0034		-.0081			.0206		-.0533	-.0658		-.0160		
3.51500	-.0175	.0071	-.0075		.0246			.1218		.0945	.0149		.0354		
4.54500				-.0076		-.0235	-.0608		-.0329			-.0185		-.0435	-.0439
5.54500				-.0089		-.0206	-.0271		.0153			-.0173		.0048	-.0226
6.54500				.0000		.0035	-.0241		-.0294			-.0191		.0025	.0077
7.54500				.0088		.0106	-.0036		-.0300			.0141		-.0133	.0048

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0201			
-2.51500		-.0119			
-1.51500		.0092			
-.51500		.0309			
.51500	-.0440		.0016	.0074	-.0101
1.51500	.0220		.0062	.0121	.0156
2.51500	.0202		.0068	.0103	-.0142
3.51500	-.0498		-.0428	.0109	-.0043
4.54500		-.0354			
5.54500		-.0278			
6.54500		-.0278			
7.54500		-.0109			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS03)

MACH (2) = .903 RN/L (1) = 2.034 P = 572.89 PT = 971.79 TTF = 73.395 Q = 326.77

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0088		-.0215	.0103		.0068			.0034		-.0216	-.0087
-2.51500				.0025		-.0075	-.0036		-.0115			-.0225		-.0117	-.0186
-1.51500				-.0041		-.0115	.0129		-.0262			.0198		.0318	.0086
-.51500				-.0167		-.0080	.0155		-.0088			-.0070		.0189	.0336
.51500	-.0138	-.0138	+.0173		-.0173			-.0170		.0005	.0089		.0319		
1.51500	.0034	-.0104	.0004		-.0177			-.0409		-.0651	-.0689		-.0032		
2.51500	-.0022	.0030	-.0043		-.0069			.0022		-.0317	-.0593		-.0187		
3.51500	-.0225	.0177	-.0138		.0246			.0979		.0787	.0151		.0260		
4.54500				-.0038		-.0277	-.0537		-.0346			-.0257		-.0420	-.0412
5.54500				-.0090		-.0316	-.0242		.0205			-.0150		-.0120	-.0270
6.54500				-.0021		.0092	-.0159		-.0229			-.0154		.0060	.0051
7.54500				.0023		.0278	-.0018		-.0220			.0021		.0025	.0043

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0328			
-2.51500		-.0100			
-1.51500		.0077			
-.51500		.0228			
.51500	-.0358		.0016	.0037	-.0135
1.51500	.0158		.0063	.0059	.0175
2.51500	.0149		.0063	.0067	-.0208
3.51500	-.0453		-.0324	.0055	-.0104
4.54500		-.0373			
5.54500		-.0236			
6.54500		-.0197			
7.54500		-.0112			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS04) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .604 RN/L (1) = 4.612 P = 2187.6 PT = 2798.0 TTF = 79.347 Q = 557.69

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0195		-.0405	.0050		-.0041			-.0070		-.0661	-.0204
-2.51500				-.0029		-.0185	-.0225		-.0268			-.0409		-.0409	-.0444
-1.51500				-.0044		-.0188	.0166		-.0294			.0147		.0034	-.0232
-.51500				-.0180		.0035	.0519		.0014			-.0484		-.0560	-.0181
.51500	-.0145	-.0206	-.0045		.0298			.0425		.0028	.0004		-.0246		
1.51500	.0096	-.0193	.0008		-.0095			-.0003		-.0728	-.0658		-.0388		
2.51500	-.0082	-.0168	-.0482		-.0563			-.0175		-.0802	-.0388		.0249		
3.51500	-.0482	-.0060	-.0432		-.0691			.0322		.0082	.0790		.0998		
4.54500				-.0278		-.0534	-.0351		-.0194			-.0235		-.0410	-.0218
5.54500				-.0295		-.0407	-.0164		.0244			-.0252		-.0112	-.0232
6.54500				-.0209		.0021	-.0169		-.0437			-.0290		-.0019	-.0026
7.54500				-.0103		.0115	-.0017		-.0270			-.0074		-.0277	-.0069

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0323			
-2.51500		-.0204			
-1.51500		-.0002			
-.51500		-.0002			
.51500	-.0157		-.0154	.0030	-.0096
1.51500	-.0159		-.0152	.0032	.0239
2.51500	-.0356		-.0157	-.0147	-.0069
3.51500	.0199		-.0157	-.0260	.0141
4.54500		-.0210			
5.54500		-.0172			
6.54500		-.0212			
7.54500		-.0167			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS04)

MACH (2) = .797 RN/L (1) = 4.544 P = 1532.7 PT = 2329.0 TTF = 79.521 Q = 681.22

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0407		-.0483	-.0114		-.0082			-.0033		-.0504	-.0368
-2.51500				-.0236		-.0276	-.0282		-.0367			-.0533		-.0257	-.0342
-1.51500				-.0308		-.0286	-.0054		-.0489			.0068		.0247	-.0194
-.51500				-.0471		-.0409	.0033		-.0341			-.0340		-.0097	.0249
.51500	-.0243	-.0282	-.0352		-.0223			-.0222		.0066	.0106		.0457		
1.51500	-.0097	-.0285	.0057		-.0274			-.0444		-.0637	-.0717		.0068		
2.51500	-.0067	-.0102	-.0200		-.0089			.0068		-.0316	-.0552		-.0112		
3.51500	-.0384	.0209	-.0309		.0149			.1148		.0907	.0243		.0419		
4.54500				-.0173		-.0345	-.0660		-.0419			-.0140		-.0418	-.0385
5.54500				-.0236		-.0374	-.0343		.0125			-.0183		.0069	-.0305
6.54500				.0006		.0150	-.0395		-.0388			-.0277		.0086	-.0009
7.54500				.0099		.0401	-.0166		-.0316			.0129		-.0052	.0040

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0484			
-2.51500		-.0187			
-1.51500		.0014			
-.51500		.0152			
.51500	-.0423		-.0008	.0034	-.0149
1.51500	.0092		-.0008	.0092	.0125
2.51500	-.0217		-.0012	-.0207	-.0124
3.51500	-.0361		-.0315	-.0211	-.0145
4.54500		-.0279			
5.54500		-.0295			
6.54500		-.0238			
7.54500		-.0050			

MACH (3) = .900 RN/L (1) = 4.589 P = 1324.7 PT = 2241.3 TTF = 82.091 Q = 751.65

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0386		-.0597	-.0171		-.0122			-.0030		-.0620	-.0346
-2.51500				-.0207		-.0348	-.0369		-.0535			-.0493		-.0404	-.0508
-1.51500				-.0359		-.0388	-.0206		-.0654			.0028		.0164	-.0325
-.51500				-.0473		-.0543	.0004		-.0344			-.0351		-.0180	.0134
.51500	-.0157	-.0380	-.0516		-.0291			-.0162		-.0033	.0098		.0394		
1.51500	-.0089	-.0377	-.0140		-.0406			-.0425		-.0766	-.0805		-.0100		
2.51500	-.0192	-.0153	-.0414		-.0298			-.0020		-.0369	-.0768		-.0262		
3.51500	-.0472	.0009	-.0406		.0008			.1020		.0846	.0163		.0221		
4.54500				-.0214		-.0492	-.0874		-.0618			-.0290		-.0557	-.0544

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS04)

MACH (3) = .900 RN/L (1) = 4.589

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500				-.0307		-.0529	-.0551		-.0042			-.0284		-.0113	-.0411
6.54500				-.0193		-.0023	-.0527		-.0570			-.0377		-.0115	-.0150
7.54500				-.0064		.0197	-.0204		-.0544			-.0043		-.0173	-.0035

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0436			
-2.51500		-.0368			
-1.51500		-.0182			
-.51500		.0044			
.51500	-.0384		-.0145	-.0083	-.0226
1.51500	.0105		-.0141	-.0023	.0060
2.51500	-.0456		-.0145	-.0433	-.0249
3.51500	-.0441		-.0460	-.0431	-.0264
4.54500		-.0344			
5.54500		-.0446			
6.54500		-.0334			
7.54500		-.0255			

MACH (4) = 1.054 RN/L (1) = 4.530 P = 1014.9 PT = 2047.5 TTF = 69.663 Q = 788.69

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0230		-.0430	-.0112		-.0023			.0112		-.0518	-.0424
-2.51500				-.0098		-.0154	-.0215		-.0345			-.0426		-.0369	-.0488
-1.51500				-.0222		-.0206	.0041		-.0405			.0078		.0176	-.0208
-.51500				-.0192		-.0124	.0362		-.0014			.0037		-.0070	.0115
.51500	-.0006	-.0052	-.0091		.0123			.0412		.0516	.0648		.0736		
1.51500	.0190	.0073	.0228		.0041			.0056		.0025	.0077		.0495		
2.51500	.0395	.0493	.0219		.0265			.0212		.0087	.0091		.0246		
3.51500	.0546	.1080	.0635		.0753			.1267		.1130	.0648		.0561		
4.54500				.1163		.0956	.0629		.1017			.1278		.0786	.0834
5.54500				.1074		.1067	.1132		.1618			.1392		.1394	.1346
6.54500				.1636		.1774	.1474		.1557			.1719		.1737	.1712
7.54500				.1991		.2178	.1893		.1707			.1966		.1911	.1944

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0465			
-2.51500		-.0340			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS04)

MACH (4) = 1.054 RN/L (1) = 4.530

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		-.0128			
-.51500		-.0006			
.51500	.0365		.0259	.0131	.0040
1.51500	.0370		.0261	.0269	.0377
2.51500	.0156		.0090	.0266	.0264
3.51500	.0442		.0370	.0485	.0637
4.54500		.0919			
5.54500		.1314			
6.54500		.1567			
7.54500		.1854			

MACH (5) = 1.100 RN/L (1) = 4.579 P = 964.72 PT = 2061.0 TTF = 71.024 Q = 817.75

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0277		-.0411	.0050		-.0007			.0121		-.0353	-.0327
-2.51500				-.0115		-.0209	-.0238		-.0297			-.0415		-.0348	-.0373
-1.51500				-.0236		-.0270	.0016		-.0546			.0035		.0112	-.0277
-.51500				-.0425		-.0352	.0218		-.0262			-.0372		-.0401	.0007
.51500	-.0257	-.0333	-.0340		-.0137			.0097		.0231	.0365		.0432		
1.51500	-.0128	-.0261	-.0056		-.0335			-.0304		-.0323	-.0239		.0097		
2.51500	-.0075	-.0115	-.0263		-.0247			-.0103		-.0283	-.0288		-.0043		
3.51500	-.0189	.0398	.0028		.0176			.0780		.0882	.0465		.0465		
4.54500				.0348		-.0148	-.0148		-.0041			.0400		-.0087	.0136
5.54500				.0385		.0506	.0291		.0846			.0581		.0827	.0538
6.54500				.1210		.1281	.1015		.0918			.0910		.1154	.1425
7.54500				.1664		.1931	.1654		.1379			.1769		.1538	.1587

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0477			
-2.51500		-.0396			
-1.51500		-.0077			
-.51500		-.0058			
.51500	-.0457		.0018	-.0020	-.0173
1.51500	-.0027		-.0065	.0089	.0107
2.51500	-.0102		-.0226	-.0273	-.0225
3.51500	.0011		-.0457	-.0268	-.0095
4.54500		.0199			
5.54500		.0571			
6.54500		.1148			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS04)

MACH (5) = 1.100 RN/L (1) = 4.579

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
7.54500		.1610			

MACH (6) = 1.251 RN/L (1) = 4.535 P = 786.48 PT = 2039.8 TTF = 73.779 Q = 861.45

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0281		-.0345	.0007		-.0086			-.0013		-.0451	-.0430
-2.51500				-.0174		-.0247	-.0202		-.0469			-.0566		-.0435	-.0451
-1.51500				-.0306		-.0294	-.0051		-.0626			-.0054		.0072	-.0239
-.51500				-.0370		-.0134	.0338		-.0127			-.0515		-.0548	-.0114
.51500	-.0115	-.0121	-.0097		.0271			.0533		.0494	.0362		.0233		
1.51500	.0026	-.0072	.0233		.0016			.0159		-.0186	-.0259		-.0197		
2.51500	-.0154	-.0146	-.0270		-.0370			-.0057		-.0221	-.0122		.0038		
3.51500	-.0343	.0166	-.0288		-.0288			.0495		.0540	.0879		.0832		
4.54500				-.0168		-.0218	-.0458		.0044			.0068		-.0289	-.0153
5.54500				.0061		.0013	.0083		.0478			.0088		.0248	.0214
6.54500				.1117		.1228	.0721		.0786			.0758		.1327	.1164
7.54500				.2249		.1901	.1825		.2128			.2108		.1934	.2037

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0632			
-2.51500		-.0381			
-1.51500		-.0173			
-.51500		-.0124			
.51500	.0196		.0121	.0009	-.0087
1.51500	-.0023		-.0039	.0132	.0124
2.51500	-.0027		-.0041	-.0182	-.0195
3.51500	.0461		.0104	.0081	.0344
4.54500		.0083			
5.54500		.0646			
6.54500		.1134			
7.54500		.2365			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS04)

MACH (7) = 1.403 RN/L (1) = 4.552 P = 659.18 PT = 2107.0 TTF = 79.521 Q = 908.39

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.61500
X															
-3.51500				-.0357		-.0544	-.0183		-.0241			-.0169		-.0648	-.0574
-2.51500				-.0244		-.0408	-.0409		-.0593			-.0642		-.0596	-.0674
-1.51500				-.0289		-.0398	-.0099		-.0811			-.0157		-.0081	-.0294
-.51500				-.0575		-.0380	.0141		-.0376			-.0620		-.0534	-.0175
.51500	-.0257	-.0281	-.0216		.0178			.0389		.0269	.0212		.0066		
1.51500	.0049	-.0070	.0223		-.0011			-.0004		-.0421	-.0454		-.0356		
2.51500	-.0187	-.0188	-.0275		-.0463			-.0177		-.0408	-.0264		-.0117		
3.51500	-.0531	-.0070	-.0545		-.0530			.0434		.0544	.0808		.0681		
4.54500				-.0451		-.0592	-.0782		-.0641			-.0587		-.0729	-.0558
5.54500				-.0538		-.0652	-.0542		-.0122			-.0526		-.0355	-.0521
6.54500				-.0327		-.0208	-.0544		-.0652			-.0550		-.0236	-.0202
7.54500				-.0278		.0058	-.0312		-.0595			-.0238		-.0495	-.0249

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0718			
-2.51500		-.0568			
-1.51500		-.0302			
-.51500		-.0172			
.51500	-.0291		-.0060	-.0057	-.0191
1.51500	-.0288		-.0160	.0149	.0177
2.51500	-.0293		-.0162	-.0329	-.0288
3.51500	.0277		-.0291	-.0322	-.0160
4.54500		-.0346			
5.54500		-.0470			
6.54500		-.0447			
7.54500		-.0412			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS05) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .604 RN/L (1) = 4.619 P = 2187.6 PT = 2798.0 TTF = 78.721 Q = 557.69

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0116		-.0374	.0012		-.0063			.0020		-.0598	-.0316
-2.51500				.0012		-.0081	-.0008		-.0301			-.0341		-.0306	-.0295
-1.51500				-.0134		-.0235	.0306		-.0498			.0088		.0050	-.0157
-.51500				-.0139		.0103	.0677		-.0089			-.0424		-.0545	-.0030
.51500	-.0081	-.0088	-.0118		.0365			.0510		.0143	.0028		-.0279		
1.51500	.0113	-.0111	.0168		-.0184			.0057		-.0729	-.0661		-.0504		
2.51500	-.0151	-.0196	-.0315		-.0644			-.0188		-.0744	-.0377		.0143		
3.51500	-.0400	.0043	-.0284		-.0601			.0251		.0189	.0963		.0936		
4.54500				-.0202		-.0445	-.0483		-.0159			-.0217		-.0380	-.0307
5.54500				-.0286		-.0301	-.0023		.0172			-.0214		-.0099	-.0149
6.54500				-.0248		.0010	-.0015		-.0542			-.0367		-.0011	.0107
7.54500				-.0045		.0251	.0026		-.0202			-.0029		-.0179	.0031

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0351			
-2.51500		-.0293			
-1.51500		-.0159			
-.51500		-.0040			
.51500	-.0122		-.0090	-.0039	-.0085
1.51500	-.0125		-.0085	.0238	.0122
2.51500	-.0130		-.0125	-.0158	-.0173
3.51500	.0203		-.0125	-.0115	.0117
4.54500		-.0109			
5.54500		-.0239			
6.54500		-.0282			
7.54500		-.0152			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS05)

MACH (2) = 1.251 RN/L (1) = 4.550 P = 765.07 PT = 2036.9 TTF = 71.861 Q = 860.33

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0247		-.0339	-.0007		-.0087			.0034		-.0524	-.0390
-2.51500				-.0122		-.0225	-.0223		-.0462			-.0542		-.0441	-.0506
-1.51500				-.0311		-.0273	-.0016		-.0556			-.0048		.0116	-.0260
-.51500				-.0334		-.0129	.0407		-.0178			-.0374		-.0351	-.0033
.51500	-.0046	-.0153	-.0059		.0262			.0609		.0401	.0350		.0261		
1.51500	.0068	-.0063	.0234		.0019			.0213		-.0208	-.0259		-.0178		
2.51500	-.0227	-.0053	-.0197		-.0377			-.0063		-.0172	-.0113		.0067		
3.51500	-.0318	.0304	-.0276		-.0236			.0528		.0617	.0941		.0640		
4.54500				-.0040		-.0244	-.0350		-.0081			.0067		-.0246	-.0029
5.54500				-.0197		.0536	.0031		.0323			.0068		.0550	.0421
6.54500				.1216		.1340	.1056		.0794			.0693		.1428	.1663
7.54500				.2034		.2298	.2097		.1893			.2177		.2074	.2173

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0590			
-2.51500		-.0361			
-1.51500		-.0175			
-.51500		-.0090			
.51500	.0209		.0090	.0059	-.0081
1.51500	-.0005		.0039	.0131	.0077
2.51500	.0049		-.0048	-.0187	.0024
3.51500	.0430		.0321	.0367	.0288
4.54500		.0080			
5.54500		.0206			
6.54500		.1610			
7.54500		.2303			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS06) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = +.001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 6.125 P = 2935.2 PT = 3749.2 TTF = 82.299 Q = 744.17

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0121		-.0424	.0121		-.0055			.0038		-.0592	-.0161
-2.51500				-.0039		-.0168	-.0187		-.0281			-.0401		-.0423	-.0410
-1.51500				-.0007		-.0060	.0153		-.0488			.0242		.0165	-.0317
-.51500				-.0092		.0077	.0611		.0044			-.0537		-.0577	-.0159
.51500	-.0254	-.0210	-.0022		.0277			.0578		.0065	.0026		-.0187		
1.51500	.0065	-.0225	.0097		-.0086			.0034		-.0779	-.0757		-.0617		
2.51500	-.0065	-.0197	-.0520		-.0652			-.0113		-.0713	-.0521		.0050		
3.51500	-.0501	-.0018	-.0350		-.0784			.0317		.0151	.0933		.0938		
4.54500				-.0293		-.0506	-.0413		-.0251			-.0263		-.0376	-.0255
5.54500				-.0324		-.0449	-.0105		.0269			-.0274		-.0210	-.0314
6.54500				-.0128		.0028	-.0141		-.0601			-.0263		-.0039	.0038
7.54500				-.0062		.0208	-.0050		-.0286			-.0037		-.0255	-.0045

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0493			
-2.51500		-.0363			
-1.51500		-.0178			
-.51500		.0023			
.51500	-.0183		-.0036	-.0006	-.0206
1.51500	-.0268		-.0183	.0070	.0197
2.51500	-.0100		-.0181	-.0229	-.0210
3.51500	.0172		-.0179	-.0229	.0017
4.54500		-.0263			
5.54500		-.0218			
6.54500		-.0280			
7.54500		-.0248			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS06)

MACH (2) = .898 RN/L (1) = 6.133 P = 1768.9 PT = 2984.0 TTF = 80.007 Q = 997.57

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0325		-.0490	-.0142		-.0209			-.0095		-.0538	-.0466
-2.51500				-.0280		-.0348	-.0311		-.0518			-.0646		-.0516	-.0552
-1.51500				-.0230		-.0324	.0048		-.0683			.0062		.0048	-.0313
-.51500				-.0274		-.0098	.0589		-.0240			-.0518		-.0682	-.0083
.51500	-.0246	-.0246	-.0189		.0190			.0330		.0168	-.0044		-.0206		
1.51500	-.0110	-.0303	-.0023		-.0322			-.0141		-.0622	-.0769		-.0548		
2.51500	-.0140	-.0282	-.0407		-.0730			-.0206		-.0719	-.0435		-.0072		
3.51500	-.0623	-.0042	-.0424		-.0724			.0253		.0187	.0806		.0869		
4.54500				-.0329		-.0547	-.0573		-.0343			-.0375		-.0485	-.0464
5.54500				-.0442		-.0496	-.0256		.0064			-.0372		-.0178	-.0337
6.54500				-.0207		-.0058	-.0181		-.0479			-.0417		-.0073	.0051
7.54500				-.0075		.0218	.0017		-.0456			-.0076		-.0272	-.0021

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0615			
-2.51500		-.0529			
-1.51500		-.0296			
-.51500		-.0181			
.51500	-.0297		-.0232	-.0165	-.0257
1.51500	-.0373		-.0232	.0014	.0007
2.51500	-.0155		-.0293	-.0182	-.0350
3.51500	.0311		-.0298	-.0183	-.0062
4.54500		-.0310			
5.54500		-.0433			
6.54500		-.0345			
7.54500		-.0216			

MACH (3) = 1.101 RN/L (1) = 5.989 P = 1329.7 PT = 2843.2 TTF = 93.068 Q = 1128.6

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0172		-.0240	.0058		.0047			.0163		-.0254	-.0147
-2.51500				-.0155		-.0243	-.0250		-.0338			-.0400		-.0339	-.0426
-1.51500				-.0257		-.0381	-.0058		-.0650			.0086		.0192	-.0197
-.51500				-.0508		-.0450	.0070		-.0373			-.0427		-.0308	.0092
.51500	-.0297	-.0379	-.0426		-.0267			-.0018		.0082	.0140		.0338		
1.51500	-.0072	-.0337	-.0135		-.0482			-.0491		-.0672	-.0546		-.0100		
2.51500	-.0236	-.0254	-.0350		-.0467			-.0158		-.0455	-.0551		-.0285		
3.51500	-.0578	-.0057	-.0454		.0024			.0775		.0818	.0300		.0205		
4.54500				-.0359		-.0811	-.1180		-.0900			-.0543		-.0899	-.0716

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS06)

MACH (3) = 1.101 RN/L (1) = 5.989

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					-.0445		-.0800	-.0733		-.0053			-.0393		-.0395 -.0570
6.54500					-.0257		-.0031	-.0367		-.0303			-.0435		-.0147 -.0110
7.54500					.0073		.0285	-.0109		-.0277			.0152		-.0212 -.0096

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0373			
-2.51500		-.0271			
-1.51500		-.0080			
-.51500		.0049			
.51500	-.0268		-.0143	-.0041	-.0256
1.51500	.0006		-.0143	.0044	.0093
2.51500	-.0247		-.0324	-.0277	-.0241
3.51500	-.0255		-.0488	-.0280	-.0257
4.54500		-.0579			
5.54500		-.0549			
6.54500		-.0343			
7.54500		-.0192			

MACH (4) = 1.250 RN/L (1) = 6.112 P = 1053.8 PT = 2730.8 TTF = 71.129 Q = 1153.1

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0327		-.0439	-.0074		-.0156			-.0070		-.0566 -.0476
-2.51500					-.0300		-.0336	-.0301		-.0553			-.0700		-.0561 -.0565
-1.51500					-.0393		-.0398	-.0086		-.0780			-.0128		.0049 -.0328
-.51500					-.0491		-.0366	.0259		-.0244			-.0549		-.0565 -.0165
.51500	-.0239	-.0256	-.0166			.0221			.0494		.0364	.0316		.0249	
1.51500	-.0042	-.0156	.0228			-.0015			.0057		-.0228	-.0332		-.0227	
2.51500	-.0272	-.0242	-.0332			-.0498			-.0132		-.0243	-.0214		-.0006	
3.51500	-.0371	-.0108	-.0504			-.0415			.0535		.0548	.0897		.0747	
4.54500					-.0254		-.0416	-.0552		-.0352			-.0258		-.0414 -.0368
5.54500					-.0215		-.0245	-.0249		.0278			-.0106		.0111 -.0212
6.54500					.0471		.0684	.0100		-.0138			-.0197		.0936 .0500
7.54500					.1882		.1721	.1711		.1368			.1769		.1508 .1861

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0589			
-2.51500		-.0547			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS06)

MACH (4) = 1.250 RN/L (1) = 6.112

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		-.0267			
-.51500		-.0197			
.51500	.0068		.0002	-.0054	-.0180
1.51500	-.0259		-.0148	.0121	.0057
2.51500	-.0076		-.0249	-.0356	-.0377
3.51500	.0486		.0011	.0218	.0143
4.54500		-.0092			
5.54500		-.0393			
6.54500		.0064			
7.54500		.1802			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3T507) (11 APR 80)

REFERENCE DATA

SREF =	.0000 SQ.FT.	XMRP =	.0000 IN. XO	HWALL =	-.002	PANEL =	90.000
LREF =	.0000 INCHES	YMRP =	.0000 IN. YO	GAP =	.030	STEP-F =	.000
BREF =	.0000 INCHES	ZMRP =	.0000 IN. ZO	STEP-A =	.000		
SCALE =	.6670						

PARAMETRIC DATA

MACH (1) = 1.100 RN/L (1) = 5.995 P = 1331.8 PT = 2842.5 TTF = 92.446 Q = 1127.4

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0275		-.0345	.0121		.0025			.0105		-.0345	-.0208
-2.51500					-.0092		-.0305	-.0260		-.0358			-.0408		-.0373	-.0396
-1.51500					-.0279		-.0389	-.0067		-.0638			.0054		.0165	-.0236
-.51500					-.0556		-.0439	.0119		-.0328			-.0431		-.0360	.0072
.51500	-.0245	-.0349	-.0474			-.0299			.0002		.0114	.0069		.0365		
1.51500	-.0044	-.0356	-.0142			-.0493			-.0493		-.0639	-.0515		-.0064		
2.51500	-.0275	-.0290	-.0391			-.0495			-.0206		-.0396	-.0613		-.0338		
3.51500	-.0615	-.0024	-.0441			.0018			.0779		.0769	.0420		.0222		
4.54500					-.0366		-.0709	-.1099		-.0995			-.0651		-.0771	-.0771
5.54500					-.0212		-.0797	-.0750		-.0187			-.0195		-.0452	-.0688
6.54500					-.0206		-.0108	-.0447		-.0446			-.0370		-.0128	-.0114
7.54500					-.0081		.0379	.0022		-.0300			.0040		-.0097	.0033

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0410			
-2.51500		-.0276			
-1.51500		-.0006			
-.51500		.0025			
.51500	-.0316		-.0102	-.0081	-.0247
1.51500	.0034		-.0105	.0054	.0072
2.51500	-.0264		-.0348	-.0324	-.0258
3.51500	-.0291		-.0472	-.0321	-.0276
4.54500		-.0633			
5.54500		-.0814			
6.54500		-.0400			
7.54500		-.0232			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS07)

MACH (2) = 1.251 RN/L (1) = 6.095 P = 1051.7 PT = 2728.6 TTF = 71.896 Q = 1152.5

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0243		-.0423	-.0086		-.0181			.0006		-.0543	-.0531
-2.51500				-.0208		-.0330	-.0325		-.0529			-.0567		-.0555	-.0605
-1.51500				-.0357		-.0391	-.0136		-.0796			-.0121		.0047	-.0362
-.51500				-.0397		-.0248	.0366		-.0388			-.0484		-.0520	-.0144
.51500	-.0140	-.0286	-.0193		.0195			.0577		.0352	.0329		.0201		
1.51500	.0059	-.0159	.0160		-.0052			.0166		-.0269	-.0355		-.0258		
2.51500	-.0297	-.0243	-.0292		-.0480			-.0097		-.0307	-.0211		.0010		
3.51500	-.0407	.0031	-.0309		-.0415			.0602		.0561	.1012		.0795		
4.54500				-.0103		-.0464	-.0554		-.0301			-.0070		-.0496	-.0247
5.54500				-.0034		-.0372	-.0113		.0317			.0019		.0296	-.0129
6.54500				.0699		.0326	.0480		.0463			.0344		.0379	.1284
7.54500				.1579		.1587	.1805		.1538			.1723		.1366	.2003

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0638			
-2.51500		-.0472			
-1.51500		-.0241			
-.51500		-.0207			
.51500	.0086		-.0057	-.0004	-.0148
1.51500	-.0081		-.0244	.0062	.0039
2.51500	-.0049		-.0245	-.0251	-.0362
3.51500	.0540		-.0094	.0375	.0183
4.54500		-.0085			
5.54500		-.0099			
6.54500		.1020			
7.54500		.2117			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS08) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.414 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .599 RN/L (1) = 2.021 P = 948.45 PT = 1208.0 TTF = 70.675 Q = 237.54

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0239		-.0389	-.0054		-.0132			-.0109		-.0382	-.0346
-2.51500				-.0066		-.0227	-.0275		-.0443			-.0382		-.0251	-.0499
-1.51500				-.0239		-.0335	-.0094		-.0634			.0140		.0295	-.0061
-.51500				-.0490		-.0371	-.0132		-.0562			-.0358		-.0002	.0247
.51500	-.0449	-.0485	-.0449		-.0603			-.0580		-.0344	-.0229		.0214		
1.51500	-.0200	-.0413	-.0259		-.0591			-.0897		-.1352	-.1358		-.0390		
2.51500	-.0455	-.0330	-.0419		-.0455			-.0045		-.0788	-.1277		-.0678		
3.51500	-.0841	-.0176	-.0591		.0247			.1095		.0847	-.0120		-.0034		
4.54500				-.0625		-.0899	-.1316		-.1161			-.0911		-.1241	-.1011
5.54500				-.0755		-.0959	-.0971		-.0500			-.0888		-.0758	-.0893
6.54500				-.0798		-.0643	-.1161		-.1239			-.1118		-.0640	-.0764
7.54500				-.0804		-.0476	-.0977		-.1453			-.0793		-.0947	-.0876

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0649			
-2.51500		-.0417			
-1.51500		-.0174			
-.51500		-.0032			
.51500	-.0863		-.0277	-.0153	-.0461
1.51500	.0031		-.0236	-.0147	-.0188
2.51500	-.0372		-.0230	-.0153	-.0561
3.51500	-.0887		-.0863	-.0336	-.0567
4.54500		-.1041			
5.54500		-.1082			
6.54500		-.1059			
7.54500		-.1188			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS08)

MACH (2) = .900 RN/L (1) = 2.002 P = 575.01 PT = 972.50 TTF = 79.833 Q = 326.00

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0156		-.0304	-.0008		-.0042			.0005		-.0323	-.0245
-2.51500				-.0042		-.0143	-.0156		-.0308			-.0392		-.0254	-.0401
-1.51500				-.0112		-.0173	.0040		-.0504			.0135		.0247	-.0064
-.51500				-.0286		-.0190	.0145		-.0204			-.0133		.0160	.0290
.51500	-.0201	-.0288	-.0340		-.0331			-.0036		.0065	.0040		.0425		
1.51500	-.0046	-.0193	-.0115		-.0396			-.0748		-.1024	-.0890		-.0111		
2.51500	-.0193	-.0123	-.0175		-.0236			-.0094		-.0488	-.0965		-.0463		
3.51500	-.0495	.0101	-.0219		.0127			.1124		.1053	.0132		.0199		
4.54500				-.0272		-.0584	-.1040		-.0754			-.0491		-.0766	-.0654
5.54500				-.0345		-.0623	-.0589		-.0063			-.0440		-.0333	-.0573
6.54500				-.0315		-.0224	-.0654		-.0693			-.0526		-.0251	-.0272
7.54500				-.0298		-.0068	-.0458		-.0741			-.0294		-.0573	-.0380

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0444			
-2.51500		-.0383			
-1.51500		-.0096			
-.51500		.0100			
.51500	-.0413		-.0147	-.0048	-.0207
1.51500	.0137		-.0155	.0034	.0051
2.51500	-.0164		-.0142	-.0400	-.0353
3.51500	-.0431		-.0413	-.0396	-.0267
4.54500		-.0581			
5.54500		-.0624			
6.54500		-.0646			
7.54500		-.0641			

MACH (3) = 1.099 RN/L (1) = 2.015 P = 421.53 PT = 898.94 TTF = 67.323 Q = 356.38

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0055		-.0319	.0038		.0139			.0133		-.0270	-.0333
-2.51500				.0306		.0252	.0411		.0147			.0010		.0133	.0062
-1.51500				.0139		-.0016	.0221		-.0273			.0219		.0275	-.0053
-.51500				-.0249		-.0164	.0497		-.0016			-.0274		-.0183	-.0049
.51500	-.0219	-.0251	-.0203		-.0044			.0213		.0175	.0206		.0436		
1.51500	-.0005	-.0203	-.0096		-.0473			-.0660		-.0798	-.0752		-.0158		
2.51500	-.0330	-.0374	-.0516		-.0481			-.0369		-.0530	-.0718		-.0446		
3.51500	-.0774	-.0128	-.0536		.0114			.1026		.1255	.1244		.0623		
4.54500				-.0384		-.1064	-.1934		-.1693			-.1145		-.1177	-.0906

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS08)

MACH (3) = 1.099 RN/L (1) = 2.015

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					-.0724		-.0969	-.1100		-.0278			-.0831	-.0709	-.1055
6.54500					-.0305		-.0210	-.0669		-.0697			-.0607	-.0383	-.0324
7.54500					-.0218		.0122	-.0400		-.0602			-.0301	-.0505	-.0309

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0419			
-2.51500		.0042			
-1.51500		.0121			
-.51500		.0042			
.51500	-.0657		-.0322	-.0079	-.0410
1.51500	-.0649		-.0306	-.0075	-.0107
2.51500	-.0633		-.0310	-.0530	-.0386
3.51500	-.0641		-.0338	-.0530	-.0378
4.54500		-.0595			
5.54500		-.0752			
6.54500		-.0635			
7.54500		-.0450			

MACH (4) = 1.249 RN/L (1) = 2.012 P = 348.68 PT = 901.77 TTF = 72.349 Q = 380.63

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0097		-.0257	.0084		-.0003			-.0015	-.0465	-.0373
-2.51500					-.0036		-.0159	-.0152		-.0366			-.0425	-.0351	-.0547
-1.51500					-.0090		-.0177	.0015		-.0558			.0008	.0115	-.0251
-.51500					-.0264		-.0221	.0168		-.0326			-.0443	-.0277	-.0022
.51500	-.0153	-.0224	-.0216			.0021			.0152		.0353	.0360		.0547	
1.51500	.0073	-.0161	.0025			-.0216			-.0387		-.0487	-.0404		.0102	
2.51500	-.0112	-.0038	-.0124			-.0150			-.0060		-.0286	-.0455		-.0186	
3.51500	-.0369	.0244	-.0031			.0296			.1020		.1071	.0626		.0618	
4.54500					-.0077		-.0507	-.1262		-.0903			-.0541	-.0784	-.0658
5.54500					-.0370		-.0766	-.0855		-.0359			-.0555	-.0415	-.0552
6.54500					-.0277		-.0196	-.0614		-.0681			-.0541	-.0275	-.0183
7.54500					-.0077		.0189	-.0226		-.0503			.0019	-.0283	-.0088

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0572			
-2.51500		-.0410			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS08)

MACH (4) = 1.249 RN/L (1) = 2.012

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		-.0214			
-.51500		-.0133			
.51500	-.0208		-.0011	-.0081	-.0201
1.51500	.0135		-.0014	.0213	.0142
2.51500	.0127		-.0007	.0183	-.0141
3.51500	-.0081		-.0014	-.0059	-.0040
4.54500		-.0570			
5.54500		-.0592			
6.54500		-.0555			
7.54500		-.0401			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS09) (11 APR 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
SREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = 1.413 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .597 RN/L (1) = 2.018 P = 949.86 PT = 1208.7 TTF = 70.954 Q = 236.97

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0315		-.0482	-.0135		-.0124			-.0090		-.0518	-.0328
-2.51500				-.0076		-.0279	-.0321		-.0458			-.0441		-.0292	-.0554
-1.51500				-.0225		-.0446	-.0135		-.0680			.0130		.0130	-.0120
-.51500				-.0482		-.0554	-.0124		-.0560			-.0316		-.0090	.0255
.51500	-.0523	-.0558	-.0576		-.0570			-.0638		-.0368	-.0403		.0070		
1.51500	-.0202	-.0463	-.0333		-.0683			-.0895		-.1348	-.1394		-.0472		
2.51500	-.0463	-.0452	-.0541		-.0428			-.0126		-.0870	-.1382		-.0530		
3.51500	-.0897	-.0273	-.0570		-.0244			.1141		.0749	-.0149		.0035		
4.54500				-.0710		-.0967	-.1486		-.1146			-.0908		-.1334	-.1204
5.54500				-.0734		-.0997	-.1086		-.0549			-.0891		-.0719	-.1032
6.54500				-.0806		-.0728	-.1242		-.1128			-.1074		-.0737	-.0826
7.54500				-.0877		-.0543	-.0931		-.1439			-.0861		-.0968	-.0897

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0744			
-2.51500		-.0482			
-1.51500		-.0167			
-.51500		.0041			
.51500	-.0925		-.0357	-.0262	-.0464
1.51500	-.0049		-.0274	-.0227	-.0120
2.51500	-.0742		-.0292	-.0227	-.0570
3.51500	-.0736		-.0955	-.0238	-.0499
4.54500		-.1056			
5.54500		-.1080			
6.54500		-.1027			
7.54500		-.1139			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS09)

MACH (2) = .900 RN/L (1) = 2.001 P = 575.72 PT = 973.91 TTF = 80.598 Q = 326.55

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0115		-.0358	.0020		-.0014			.0025		-.0376	-.0250
-2.51500				-.0006		-.0115	-.0136		-.0284			-.0341		-.0220	-.0238
-1.51500				-.0136		-.0197	.0107		-.0476			.0176		.0254	-.0048
-.51500				-.0284		-.0197	.0212		-.0128			-.0177		.0168	.0362
.51500	-.0267	-.0306	-.0327		-.0306			-.0066		.0047	.0063		.0322		
1.51500	-.0038	-.0193	-.0102		-.0383			-.0660		-.0856	-.0856		-.0167		
2.51500	-.0163	-.0034	-.0124		-.0236			-.0108		-.0451	-.0915		-.0376		
3.51500	-.0478	.0028	-.0133		.0252			.1054		.1175	.0168		.0251		
4.54500				-.0227		-.0540	-.0969		-.0761			-.0523		-.0832	-.0660
5.54500				-.0323		-.0609	-.0588		-.0028			-.0437		-.0334	-.0553
6.54500				-.0284		-.0184	-.0601		-.0648			-.0540		-.0227	-.0248
7.54500				-.0301		-.0045	-.0375		-.0739			-.0274		-.0574	-.0304

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0522			
-2.51500		-.0371			
-1.51500		-.0125			
-.51500		.0142			
.51500	-.0477		-.0210	-.0021	-.0228
1.51500	.0108		-.0202	.0026	.0048
2.51500	-.0129		-.0206	.0022	-.0339
3.51500	-.0391		-.0382	-.0387	-.0236
4.54500		-.0660			
5.54500		-.0617			
6.54500		-.0592			
7.54500		-.0574			

MACH (3) = 1.250 RN/L (1) = 2.019 P = 348.68 PT = 903.89 TTF = 72.036 Q = 381.70

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0092		-.0263	.0066		-.0001			.0014		-.0476	-.0325
-2.51500				-.0009		-.0139	-.0165		-.0357			-.0414		-.0314	-.0499
-1.51500				-.0117		-.0212	-.0001		-.0621			-.0001		.0095	-.0244
-.51500				-.0259		-.0208	.0136		-.0284			-.0469		-.0314	-.0052
.51500	-.0133	-.0196	-.0178		.0029			.0170		.0335	.0385		.0503		
1.51500	.0029	-.0137	.0015		-.0203			-.0389		-.0471	-.0403		.0084		
2.51500	-.0167	-.0052	-.0159		-.0170			-.0023		-.0285	-.0435		-.0195		
3.51500	-.0485	.0214	-.0026		.0347			.1037		.1083	.0618		.0632		
4.54500				-.0073		-.0465	-.1196		-.0901			-.0544		-.0776	-.0618

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS09)

MACH (3) = 1.250 RN/L (1) = 2.019

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					-.0398		-.0771	-.0867		-.0295			-.0651	-.0434	-.0515
6.54500					-.0310		-.0199	-.0646		-.0712			-.0500	-.0331	-.0185
7.54500					-.0096		.0093	-.0258		-.0432			.0032	-.0317	-.0126

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0576			
-2.51500		-.0355			
-1.51500		-.0215			
-.51500		-.0134			
.51500	-.0131		.0096	-.0049	-.0202
1.51500	.0163		.0092	.0148	.0151
2.51500	.0170		.0103	.0155	-.0146
3.51500	-.0112		-.0127	-.0094	.0006
4.54500		-.0629			
5.54500		-.0537			
6.54500		-.0533			
7.54500		-.0298			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS10) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	1.390	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .603 RN/L (1) = 4.568 P = 2191.8 PT = 2801.5 TTF = 83.687 Q = 557.18

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0360		-.0605	-.0219		-.0254			-.0206		-.0956	-.0547
-2.51500					-.0226		-.0388	-.0524		-.0620			-.0651		-.0679	-.0848
-1.51500					-.0315		-.0443	-.0014		-.0801			-.0065		-.0186	-.0585
-.51500					-.0453		-.0136	.0412		-.0342			-.0939		-.0913	-.0424
.51500	-.0483	-.0445	-.0433			.0048			.0326			-.0255	-.0343	-.0588	
1.51500	-.0274	-.0486	-.0322			-.0493			-.0392			-.1161	-.1293	-.0994	
2.51500	-.0423	-.0602	-.0828			-.1148			-.0605			-.1293	-.0828	-.0279	
3.51500	-.1040	-.0380	-.0883			-.1100			-.0091			-.0100	.0901	.0960	
4.54500					-.0850		-.1121	-.1179		-.0870			-.1037		-.1123	-.0917
5.54500					-.0936		-.1055	-.0900		-.0343			-.0992		-.0791	-.1072
6.54500					-.0855		-.0710	-.0898		-.1498			-.1155		-.0736	-.0648
7.54500					-.0814		-.0452	-.0890		-.1232			-.0786		-.1130	-.0939

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0802			
-2.51500		-.0679			
-1.51500		-.0482			
-.51500		-.0325			
.51500	-.0606		-.0470	-.0323	-.0570
1.51500	-.0606		-.0475	-.0207	-.0076
2.51500	-.0306		-.0606	-.0598	-.0545
3.51500	.0055		-.0606	-.0636	-.0427
4.54500		-.0934			
5.54500		-.1005			
6.54500		-.1133			
7.54500		-.1193			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS10)

MACH (2) = .794 RN/L (1) = 4.482 P = 1535.5 PT = 2326.9 TTF = 84.173 Q = 677.71

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0583		-.0676	-.0331		-.0236			-.0138		-.0786	-.0666
-2.51500				-.0390		-.0474	-.0481		-.0698			-.0755		-.0616	-.0585
-1.51500				-.0483		-.0579	-.0176		-.0941			-.0033		.0025	-.0277
-.51500				-.0765		-.0686	-.0049		-.0632			-.0637		-.0306	.0108
.51500	-.0375	-.0503	-.0708		-.0503			-.0324		-.0105	-.0070		.0440		
1.51500	-.0278	-.0534	-.0247		-.0600			-.0794		-.1020	-.1072		-.0255		
2.51500	-.0511	-.0503	-.0516		-.0472			-.0091		-.0678	-.1016		-.0493		
3.51500	-.0848	-.0148	-.0654		-.0175			.1116		.0967	.0207		.0243		
4.54500				-.0575		-.0807	-.1342		-.1133			-.0671		-.0933	-.0920
5.54500				-.0720		-.1040	-.1106		-.0297			-.0721		-.0517	-.0824
6.54500				-.0631		-.0478	-.1003		-.1195			-.0955		-.0572	-.0435
7.54500				-.0553		-.0179	-.0778		-.1286			-.0626		-.0953	-.0562

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0778			
-2.51500		-.0546			
-1.51500		-.0298			
-.51500		-.0132			
.51500	-.0655		-.0205	-.0209	-.0455
1.51500	.0012		-.0205	-.0103	.0045
2.51500	-.0405		-.0413	-.0505	-.0518
3.51500	-.0605		-.0726	-.0507	-.0580
4.54500		-.0787			
5.54500		-.0768			
6.54500		-.0869			
7.54500		-.0916			

MACH (3) = .900 RN/L (1) = 4.422 P = 1303.5 PT = 2204.6 TTF = 90.683 Q = 739.00

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0442		-.0615	-.0152		-.0226			-.0062		-.0779	-.0520
-2.51500				-.0212		-.0360	-.0411		-.0572			-.0691		-.0623	-.0699
-1.51500				-.0383		-.0344	-.0078		-.0751			-.0043		.0006	-.0452
-.51500				-.0373		-.0219	.0475		-.0241			-.0744		-.0687	-.0296
.51500	-.0309	-.0330	-.0322		.0080			.0378		.0143	.0132		-.0038		
1.51500	-.0064	-.0339	-.0100		-.0298			-.0160		-.0729	-.0854		-.0695		
2.51500	-.0417	-.0430	-.0637		-.0832			-.0455		-.0847	-.0603		-.0289		
3.51500	-.0278	-.0127	-.0766		-.0590			.0293		.0487	.0984		.0838		
4.54500				-.0455		-.0722	-.0973		-.0844			-.0660		-.0857	-.0662

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS10)

MACH (3) = .900 RN/L (1) = 4.422

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500				-.0582		-.0901	-.0857		-.0155			-.0560		-.0494	-.0702
6.54500				-.0514		-.0381	-.0810		-.0916			-.0872		-.0554	-.0282
7.54500				-.0415		-.0021	-.0618		-.0963			-.0560		-.0849	-.0456

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0710			
-2.51500		-.0551			
-1.51500		-.0340			
-.51500		-.0309			
.51500	-.0389		-.0331	-.0190	-.0431
1.51500	-.0438		-.0333	-.0052	.0111
2.51500	-.0249		-.0499	-.0417	-.0440
3.51500	.0285		-.0498	-.0262	-.0377
4.54500		-.0547			
5.54500		-.0741			
6.54500		-.0773			
7.54500		-.0809			

MACH (4) = 1.048 RN/L (1) = 4.506 P = 1022.0 PT = 2048.3 TTF = 71.512 Q = 785.95

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0662		-.0928	-.0483		-.0537			-.0301		-.1005	-.0839
-2.51500				-.0297		-.0365	-.0418		-.0714			-.0848		-.0598	-.0651
-1.51500				-.0378		-.0374	-.0069		-.0751			.0032		.0150	-.0308
-.51500				-.0455		-.0203	.0311		-.0129			-.0224		.0014	.0318
.51500	-.0115	-.0174	-.0215		-.0022			.0352		.0388	.0350		.0699		
1.51500	.0028	-.0337	-.0035		-.0390			-.0399		-.0548	-.0569		.0060		
2.51500	-.0204	-.0274	-.0312		-.0263			.0030		-.0237	-.0491		-.0197		
3.51500	-.0714	.0067	-.0326		.0335			.1207		.1481	.0699		.0619		
4.54500				-.0604		-.1126	-.1855		-.1703			-.1102		-.1202	-.0947
5.54500				-.0804		-.1183	-.1285		-.0404			-.0899		-.0727	-.0880
6.54500				-.0486		-.0345	-.1047		-.1133			-.0828		-.0542	-.0421
7.54500				-.0275		.0143	-.0543		-.0903			-.0400		-.0668	-.0430

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.1095			
-2.51500		-.0776			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS10)

MACH (4) = 1.048 RN/L (1) = 4.506

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-1.51500		-.0194			
-.51500		.0153			
.51500	-.0372		-.0051	.0261	-.0112
1.51500	.0360		.0166	.0202	.0330
2.51500	-.0145		-.0341	-.0509	-.0278
3.51500	-.0264		-.0635	-.0502	-.0441
4.54500		-.0725			
5.54500		-.0789			
6.54500		-.0862			
7.54500		-.0661			

MACH (5) = 1.100 RN/L (1) = 4.575 P = 965.42 PT = 2061.7 TTF = 71.547 Q = 817.88

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0791		-.1117	-.0661		-.0607			-.0416		-.1059	-.0904
-2.51500				-.0244		-.0258	-.0183		-.0538			-.0786		-.0630	-.0681
-1.51500				-.0279		-.0261	.0023		-.0428			.0196		.0253	-.0233
-.51500				-.0458		-.0372	.0283		-.0249			-.0338		-.0285	.0163
.51500	-.0241	-.0334	-.0327		-.0099			.0313		.0342	.0330		.0630		
1.51500	-.0048	-.0303	.0002		-.0430			-.0504		-.0699	-.0633		-.0013		
2.51500	-.0393	-.0404	-.0432		-.0529			-.0154		-.0380	-.0643		-.0270		
3.51500	-.0851	-.0068	-.0547		.0099			.1143		.1349	.0735		.0591		
4.54500				-.0265		-.1078	-.1880		-.1705			-.1049		-.1155	-.0785
5.54500				-.0783		-.1133	-.1221		-.0286			-.0883		-.0716	-.0992
6.54500				-.0499		-.0301	-.0921		-.0926			-.0792		-.0482	-.0427
7.54500				-.0308		.0066	-.0585		-.0914			-.0477		-.0860	-.0530

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0860			
-2.51500		-.0621			
-1.51500		-.0026			
-.51500		.0065			
.51500	-.0676		-.0004	.0149	-.0094
1.51500	.0045		-.0002	.0074	.0040
2.51500	-.0209		-.0516	-.0532	-.0461
3.51500	-.0299		-.0671	-.0532	-.0344
4.54500		-.0548			
5.54500		-.0818			
6.54500		-.0749			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS10)

MACH (5) = 1.100 RN/L (1) = 4.575

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
7.54500		-.0658			

MACH (6) = 1.252 RN/L (1) = 4.487 P = 795.68 PT = 2068.1 TTF = 83.652 Q = 873.77

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0308		-.0460	-.0033		-.0124			-.0056		-.0690	-.0667
-2.51500					-.0195		-.0352	-.0413		-.0573			-.0690		-.0698	-.0751
-1.51500					-.0410		-.0415	-.0135		-.0818			-.0128		.0058	-.0337
-.51500					-.0638		-.0476	.0119		-.0509			-.0602		-.0805	-.0285
.51500	-.0257	-.0371	-.0268			.0301			.0566		.0388	.0273		.0107		
1.51500	.0015	-.0183	.0129			-.0159			.0051		-.0364	-.0570		-.0498		
2.51500	-.0225	-.0157	-.0310			-.0558			-.0318		-.0515	-.0392		-.0116		
3.51500	-.0641	-.0046	-.0688			-.0641			.0638		.0656	.1084		.0981		
4.54500					-.0485		-.0729	-.0899		-.0693			-.0738		-.1114	-.0607
5.54500					-.0671		-.0957	-.0942		-.0389			-.0952		-.0664	-.0940
6.54500					-.0597		-.0374	-.0902		-.1024			-.1047		-.0522	-.0370
7.54500					-.0425		.0019	-.0475		-.0848			-.0358		-.0667	-.0353

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0770			
-2.51500		-.0531			
-1.51500		-.0261			
-.51500		-.0245			
.51500	-.0359		-.0049	-.0121	-.0285
1.51500	-.0207		-.0087	-.0032	.0128
2.51500	-.0154		-.0361	-.0298	-.0366
3.51500	.0333		-.0359	-.0217	-.0343
4.54500		-.0233			
5.54500		-.0730			
6.54500		-.0770			
7.54500		-.0683			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS10)

MACH (7) = 1.400 RN/L (1) = 4.576 P = 660.59 PT = 2101.3 TTF = 76.530 Q = 905.89

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0408		-.0428	-.0047		-.0099			-.0002		-.0542	-.0643
-2.51500				-.0210		-.0406	-.0452		-.0708			-.0607		-.0722	-.0873
-1.51500				-.0409		-.0394	-.0001		-.0783			-.0126		.0059	-.0346
-.51500				-.0723		-.0479	.0087		-.0586			-.0924		-.0882	-.0297
.51500	-.0384	-.0465	-.0353		.0187			.0500		.0375	.0246		.0055		
1.51500	.0034	-.0109	.0174		-.0123			.0058		-.0299	-.0451		-.0389		
2.51500	-.0167	-.0034	-.0093		-.0398			-.0244		-.0415	-.0327		-.0101		
3.51500	-.0559	.0050	-.0591		-.0577			.0580		.0610	.0955		.0774		
4.54500				-.0491		-.0690	-.0820		-.0609			-.0663		-.1275	-.0668
5.54500				-.0623		-.0820	-.0691		-.0103			-.0936		-.0548	-.0873
6.54500				-.0424		-.0235	-.0784		-.0947			-.0889		-.0351	-.0295
7.54500				-.0357		-.0072	-.0599		-.1011			-.0488		-.0899	-.0572

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0887			
-2.51500		-.0936			
-1.51500		-.0287			
-.51500		-.0351			
.51500	-.0303		-.0115	-.0027	-.0275
1.51500	-.0193		-.0123	.0034	.0079
2.51500	-.0065		-.0477	-.0428	-.0448
3.51500	.0142		-.0472	-.0115	-.0287
4.54500		-.0346			
5.54500		-.0677			
6.54500		-.0655			
7.54500		-.0723			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS11) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.331 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .601 RN/L (1) = 4.552 P = 2190.4 PT = 2797.3 TTF = 83.791 Q = 554.78

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0510		-.0736	-.0292		-.0477			-.0353		-.1128	-.0615
-2.51500				-.0348		-.0510	-.0543		-.0708			-.0884		-.0737	-.0892
-1.51500				-.0447		-.0521	-.0155		-.1021			-.0196		-.0221	-.0666
-.51500				-.0612		-.0254	.0228		-.0450			-.1088		-.1113	-.0554
.51500	-.0567	-.0587	-.0527		-.0111			.0061		-.0397	-.0431		-.0682		
1.51500	-.0314	-.0668	-.0443		-.0643			-.0522		-.1307	-.1526		-.1046		
2.51500	-.0560	-.0722	-.1033		-.1284			-.0736		-.1435	-.0975		-.0389		
3.51500	-.1200	-.0542	-.1023		-.1357			-.0200		-.0301	.0687		.0947		
4.54500				-.0969		-.1299	-.1254		-.1060			-.1070		-.1272	-.1033
5.54500				-.1060		-.1312	-.1017		-.0489			-.1159		-.1045	-.1143
6.54500				-.0976		-.0854	-.0986		-.1663			-.1272		-.0846	-.0753
7.54500				-.0989		-.0676	-.1116		-.1439			-.1028		-.1343	-.1086

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0996			
-2.51500		-.0742			
-1.51500		-.0615			
-.51500		-.0437			
.51500	-.0890		-.0585	-.0489	-.0727
1.51500	-.0892		-.0585	-.0345	-.0162
2.51500	-.0532		-.0506	-.0474	-.0737
3.51500	-.0251		-.0748	-.0859	-.0525
4.54500		-.1096			
5.54500		-.1128			
6.54500		-.1348			
7.54500		-.1234			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS11)

MACH (2) = 1.398 RN/L (1) = 4.502 P = 663.42 PT = 2104.8 TTF = 83.826 Q = 907.38

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0369		-.0448	-.0046		-.0116			-.0011		-.0592	-.0618
-2.51500				-.0177		-.0384	-.0472		-.0653			-.0624		-.0761	-.0903
-1.51500				-.0405		-.0369	-.0013		-.0775			-.0152		.0051	-.0381
-.51500				-.0633		-.0437	.0066		-.0536			-.0956		-.0840	-.0322
.51500	-.0289	-.0466	-.0355		.0277			.0487		.0360	.0235		.0066		
1.51500	.0045	-.0122	.0159		-.0101			.0036		-.0299	-.0472		-.0392		
2.51500	-.0146	-.0074	-.0158		-.0433			-.0259		-.0424	-.0341		-.0109		
3.51500	-.0537	.0052	-.0613		-.0595			.0618		.0598	.0922		.0781		
4.54500				-.0525		-.0711	-.0841		-.0618			-.0636		-.1199	-.0659
5.54500				-.0606		-.0835	-.0700		-.0126			-.0933		-.0589	-.0796
6.54500				-.0438		-.0248	-.0784		-.0928			-.0912		-.0355	-.0312
7.54500				-.0361		-.0073	-.0587		-.0942			-.0484		-.0841	-.0543

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0869			
-2.51500		-.0586			
-1.51500		-.0316			
-.51500		-.0349			
.51500	-.0456		-.0154	-.0069	-.0231
1.51500	-.0131		-.0156	-.0034	.0084
2.51500	-.0244		-.0461	-.0458	-.0390
3.51500	.0114		-.0459	-.0295	-.0308
4.54500		-.0350			
5.54500		-.0612			
6.54500		-.0679			
7.54500		-.0677			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS12) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.414 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .601 RN/L (1) = 5.090 P = 2940.8 PT = 3754.2 TTF = 84.936 Q = 743.69

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0381		-.0689	-.0304		-.0322			-.0248		-.1069	-.0697
-2.51500				-.0237		-.0434	-.0436		-.0780			-.0747		-.0758	-.0680
-1.51500				-.0521		-.0547	.0037		-.0671			-.0262		-.0212	-.0546
-.51500				-.0377		-.0358	.0396		-.0421			-.0820		-.1144	-.0472
.51500	-.1312	-.0481	-.0468		.0017			.0224		-.0430	-.0410		-.0509		
1.51500	-.1054	-.0581	-.0294		-.0627			-.0378		-.1293	-.1404		-.1091		
2.51500	-.0540	-.0693	-.0853		-.1073			-.0790		-.1286	-.0823		-.0320		
3.51500	-.1016	-.0530	-.0908		-.1180			-.0026		-.0097	.0849		.1119		
4.54500				-.0899		-.1162	-.1171		-.0865			-.1021		-.1134	-.0866
5.54500				-.0964		-.1207	-.0905		-.0431			-.1062		-.0904	-.0936
6.54500				-.0952		-.0802	-.0888		-.1523			-.1209		-.0898	-.0701
7.54500				-.0918		-.0500	-.0916		-.1245			-.0964		-.1169	-.0882

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0934			
-2.51500		-.0764			
-1.51500		-.0479			
-.51500		-.0362			
.51500	-.0749		-.0524	-.0289	-.0652
1.51500	-.0749		-.0528	-.0221	-.0108
2.51500	-.0418		-.0753	-.0626	-.0645
3.51500	-.0093		-.0749	-.0626	-.0463
4.54500		-.1021			
5.54500		-.1135			
6.54500		-.1245			
7.54500		-.1214			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS12)

MACH (2) = .898 RN/L (1) = 5.908 P = 1794.3 PT = 3029.2 TTF = 102.51 Q = 1013.5

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0543		-.0655	-.0237		-.0231			-.0070		-.0689	-.0598
-2.51500				-.0260		-.0448	-.0491		-.0687			-.0767		-.0633	-.0671
-1.51500				-.0445		-.0422	-.0193		-.0845			-.0022		.0131	-.0403
-.51500				-.0664		-.0647	.0082		-.0497			-.0544		-.0321	.0091
.51500	-.0315	-.0459	-.0640		-.0417			-.0048		.0121	.0041		.0445		
1.51500	-.0128	-.0530	-.0186		-.0623			-.0736		-.0992	-.0968		-.0191		
2.51500	-.0362	-.0403	-.0560		-.0548			-.0268		-.0527	-.0895		-.0464		
3.51500	-.0764	-.0071	-.0540		-.0059			.1080		.1053	.0374		.0334		
4.54500				-.0495		-.0831	-.1278		-.1007			-.0624		-.0913	-.0781
5.54500				-.0628		-.0947	-.1050		-.0270			-.0600		-.0472	-.0846
6.54500				-.0499		-.0326	-.1037		-.1166			-.0873		-.0589	-.0428
7.54500				-.0484		-.0025	-.0756		-.1170			-.0516		-.0902	-.0512

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0641			
-2.51500		-.0594			
-1.51500		-.0231			
-.51500		-.0065			
.51500	-.0673		-.0140	-.0144	-.0397
1.51500	-.0033		-.0142	-.0077	.0084
2.51500	-.0409		-.0386	-.0636	-.0576
3.51500	-.0454		-.0676	-.0541	-.0506
4.54500		-.0665			
5.54500		-.0842			
6.54500		-.0850			
7.54500		-.0858			

MACH (3) = 1.100 RN/L (1) = 5.975 P = 1357.3 PT = 2898.4 TTF = 102.20 Q = 1149.8

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0246		-.0196	.0133		.0197			.0046		-.0187	-.0144
-2.51500				.0254		.0172	.0195		.0059			.0003		.0087	-.0095
-1.51500				-.0090		-.0221	.0154		-.0518			.0268		.0416	-.0035
-.51500				-.0547		-.0465	.0191		-.0368			-.0455		-.0320	.0112
.51500	-.0411	-.0504	-.0530		-.0154			.0177		.0230	.0154		.0570		
1.51500	-.0110	-.0479	-.0143		-.0668			-.0710		-.0853	-.0810		-.0186		
2.51500	-.0344	-.0452	-.0654		-.0740			-.0366		-.0563	-.0792		-.0489		
3.51500	-.0962	-.0270	-.0631		.0096			.1016		.1293	.0565		.0539		
4.54500				-.0473		-.1322	-.2127		-.1845			-.1339		-.1272	-.0989

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS12)

MACH (3) = 1.100 RN/L (1) = 5.975

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					-.1112		-.1429	-.1357		-.0442			-.1187	-.0924	-.1185
6.54500					-.0652		-.0515	-.1054		-.0979			-.0916	-.0596	-.0600
7.54500					-.0350		.0008	-.0445		-.0881			-.0349	-.0713	-.0416

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0174			
-2.51500		.0038			
-1.51500		.0163			
-.51500		.0102			
.51500	-.0439		-.0244	-.0178	-.0427
1.51500	-.0036		-.0238	-.0056	.0020
2.51500	-.0505		-.0618	-.0648	-.0449
3.51500	-.0380		-.0745	-.0546	-.0366
4.54500		-.0705			
5.54500		-.0957			
6.54500		-.0895			
7.54500		-.0645			

MACH (4) = 1.248 RN/L (1) = 5.982 P = 1065.1 PT = 2752.0 TTF = 82.993 Q = 1161.4

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0444		-.0566	-.0075		-.0120			-.0055	-.0713	-.0669
-2.51500					-.0276		-.0397	-.0504		-.0680			-.0669	-.0674	-.0806
-1.51500					-.0418		-.0475	-.0115		-.0829			-.0072	.0040	-.0424
-.51500					-.0700		-.0603	.0081		-.0524			-.0737	-.0694	-.0285
.51500	-.0272	-.0487	-.0528			-.0134			.0201		.0333	.0369			
1.51500	-.0129	-.0444	-.0123			-.0553			-.0469		-.0837	-.0404		.0581	
2.51500	-.0345	-.0334	-.0399			-.0484			-.0132		-.0413	-.0550		.0065	
3.51500	-.0803	-.0080	-.0555			.0100			.1049		.1080	.0668		-.0318	
4.54500														.0627	
5.54500					-.0158		-.0700	-.1371		-.0993			-.0601	-.0919	-.0789
6.54500					-.0779		-.1200	-.1175		-.0547			-.1007	-.0671	-.0948
7.54500					-.0569		-.0409	-.0960		-.1033			-.0933	-.0446	-.0313
					-.0392		.0042	-.0518		-.0948			-.0296	-.0716	-.0500

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0684			
-2.51500		-.0648			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS12)

MACH (4) = 1.248 RN/L (1) = 5.982

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-1.51500		-.0353			
-.51500		-.0278			
.51500	-.0039		-.0021	-.0040	-.0242
1.51500	.0135		-.0026	.0197	.0174
2.51500	-.0214		-.0206	-.0235	-.0186
3.51500	-.0213		-.0457	-.0140	-.0251
4.54500		-.0671			
5.54500		-.0957			
6.54500		-.0742			
7.54500		-.0630			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS13) (11 APR 80)

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 = .9570

PARAMETRIC DATA

HWALL = 1.413 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 6.060 P = 2926.0 PT = 3737.2 TTF = 85.421 Q = 741.60

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0325		-.0634	-.0233		-.0302			-.0130		-.0983	-.0482
-2.51500				-.0209		-.0368	-.0397		-.0581			-.0712		-.0736	-.0670
-1.51500				-.0414		-.0391	-.0008		-.0866			-.0117		-.0062	-.0533
-.51500				-.0420		-.0353	.0661		-.0368			-.0871		-.1048	-.0296
.51500	-.0492	-.0468	-.0414		.0070			.0365		-.0192	-.0238		-.0570		
1.51500	-.0165	-.0507	-.0182		-.0414			-.0345		-.1375	-.1301		-.1029		
2.51500	-.0551	-.0592	-.0933		-.1123			-.0636		-.1161	-.0874		-.0300		
3.51500	-.1142	-.0483	-.0706		-.1142			.0026		-.0136	.0935		.1285		
4.54500				-.0836		-.1130	-.1204		-.0890			-.0930		-.1136	-.0981
5.54500				-.0876		-.1132	-.0787		-.0196			-.0909		-.0826	-.0981
6.54500				-.0981		-.0756	-.0886		-.1439			-.1330		-.0815	-.0700
7.54500				-.0939		-.0558	-.0840		-.1229			-.0992		-.1211	-.0883

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0262			
-2.51500		-.0611			
-1.51500		-.0488			
-.51500		-.0332			
.51500	-.0629		-.0439	-.0325	-.0619
1.51500	-.0625		-.0446	-.0192	-.0059
2.51500	-.0314		-.0454	-.0689	-.0515
3.51500	-.0054		-.0780	-.0579	-.0416
4.54500		-.1000			
5.54500		-.0892			
6.54500		-.1083			
7.54500		-.1211			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS13)

MACH (2) = 1.101 RN/L (1) = 5.957 P = 1356.5 PT = 2001.2 TTF = 103.96 Q = 1151.7

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0129		-.0237	.0293		.0011			.0176		-.0297	-.0008
-2.51500				.0336		.0288	.0219		.0073			.0085		.0128	-.0099
-1.51500				-.0050		-.0207	.0144		-.0489			.0355		.0427	-.0069
-.51500				-.0573		-.0465	.0185		-.0273			-.0396		-.0390	.0120
.51500	-.0450	-.0483	-.0489		-.0150			.0183		.0240	.0135		.0557		
1.51500	-.0093	-.0442	-.0155		-.0657			-.0702		-.0906	-.0813		-.0131		
2.51500	-.0345	-.0432	-.0638		-.0739			-.0311		-.0529	-.0797		-.0437		
3.51500	-.0338	-.0203	-.0669		.0093			.1060		.1275	.0734		.0592		
4.54500				-.0480		-.1331	-.2103		-.1797			-.1306		-.1327	-.0371
5.54500				-.1037		-.1436	-.1292		-.0461			-.1132		-.0917	-.1272
6.54500				-.0726		-.0510	-.0928		-.0927			-.0970		-.0582	-.0470
7.54500				-.0283		.0059	-.0509		-.0912			-.0350		-.0651	-.0465

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0244			
-2.51500		.0126			
-1.51500		.0139			
-.51500		.0164			
.51500	-.0298		-.0261	-.0161	-.0474
1.51500	.0078		-.0170	.0034	-.0033
2.51500	-.0507		-.0756	-.0616	-.0405
3.51500	-.0342		-.0752	-.0423	-.0354
4.54500		-.0717			
5.54500		-.0953			
6.54500		-.0795			
7.54500		-.0692			

MACH (3) = 1.247 RN/L (1) = 5.971 P = 1067.3 PT = 2754.1 TTF = 84.034 Q = 1162.0

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0421		-.0572	-.0078		-.0148			-.0054		-.0714	-.0709
-2.51500				-.0278		-.0383	-.0434		-.0690			-.0721		-.0610	-.0754
-1.51500				-.0404		-.0444	-.0145		-.0808			-.0106		.0073	-.0385
-.51500				-.0734		-.0590	.0091		-.0534			-.0696		-.0562	-.0204
.51500	-.0299	-.0468	-.0483		-.0095			.0052		.0272	.0433		.0681		
1.51500	-.0143	-.0521	-.0165		-.0589			-.0480		-.0555	-.0491		.0052		
2.51500	-.0338	-.0233	-.0402		-.0439			-.0132		-.0355	-.0507		-.0319		
3.51500	-.0867	-.0086	-.0572		.0141			.1016		.1121	.0668		.0640		
4.54500				-.0199		-.0711	-.1461		-.1026			-.0584		-.0934	-.0862

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS13)

MACH (3) = 1.247 RN/L (1) = 5.971

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500				-.0813		-.1209	-.1237		-.0585			-.0991		-.0645	-.1000
6.54500				-.0531		-.0257	-.0943		-.0980			-.0928		-.0397	-.0334
7.54500				-.0296		.0113	-.0470		-.0905			-.0255		-.0684	-.0364

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0775			
-2.51500		-.0666			
-1.51500		-.0267			
-.51500		-.0228			
.51500	-.0135		-.0052	-.0013	-.0232
1.51500	.0075		-.0055	.0160	.0178
2.51500	-.0224		-.0190	-.0213	-.0293
3.51500	-.0223		-.0359	-.0208	-.0271
4.54500		-.0734			
5.54500		-.0920			
6.54500		-.0722			
7.54500		-.0604			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS14) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .598 RN/L (1) = 2.039 P = 934.30 PT = 1189.6 TTF = 60.463 Q = 233.68

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0183		.0061	.0249		.0201			.0098		-.0137	-.0029
-2.51500				.0280		.0225	.0170		.0061			-.0053		.0038	-.0035
-1.51500				.0219		.0116	.0316		.0055			.0206		.0242	.0074
-.51500				.0049		.0213	.0353		.0079			-.0167		.0002	.0212
.51500	-.0033	.0058	-.0063		.0021			.0334		.0328	.0258		.0222		
1.51500	.0172	.0142	.0070		.0033			.0299		.0363	.0304		.0269		
2.51500	.0106	.0154	-.0003		.0009			.0304		.0304	.0281		.0263		
3.51500	-.0099	.0220	-.0033		.0106			.0246		.0269	.0363		.0299		
4.54500				.0055		.0091	-.0035		.0109			.0068		.0008	-.0016
5.54500				-.0017		.0043	-.0023		.0223			-.0075		.0092	-.0046
6.54500				.0067		.0211	-.0083		-.0149			-.0022		.0170	.0116
7.54500				.0079		.0211	-.0023		-.0095			.0092		-.0052	.0014

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0245			
-2.51500		-.0083			
-1.51500		.0062			
-.51500		.0134			
.51500	.0125		.0137	.0113	-.0068
1.51500	.0113		.0125	.0131	.0173
2.51500	.0113		.0131	.0137	.0010
3.51500	.0113		.0125	.0125	.0173
4.54500		-.0129			
5.54500		-.0105			
6.54500		-.0087			
7.54500		-.0052			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS14)

MACH (2) = .902 RN/L (1) = 2.030 P = 559.45 PT = 948.45 TTF = 64.385 Q = 318.73

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0126		.0005	.0256		.0202			.0032		-.0176	-.0030
-2.51500				.0140		.0108	.0162		.0064			-.0110		-.0070	-.0061
-1.51500				.0166		.0032	.0260		-.0102			.0195		.0217	.0054
-.51500				.0050		.0081	.0314		.0055			-.0096		-.0088	.0133
.51500	-.0024	.0011	.0011		.0064			.0251		.0272	.0238		.0268		
1.51500	.0099	.0099	.0170		.0095			.0251		.0247	.0285		.0294		
2.51500	.0148	.0153	.0077		-.0038			.0290		.0307	.0307		.0277		
3.51500	-.0007	.0188	.0024		.0095			.0311		.0281	.0302		.0298		
4.54500				.0099		.0077	.0069		.0196			.0059		.0085	.0050
5.54500				-.0002		.0016	.0099		.0254			-.0030		.0129	.0081
6.54500				.0181		.0232	.0007		-.0165			.0037		.0160	.0178
7.54500				.0139		.0302	.0130		-.0055			.0160		.0072	.0147

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0158			
-2.51500		-.0088			
-1.51500		-.0004			
-.51500		.0133			
.51500	.0190		.0194	.0106	-.0027
1.51500	.0181		.0185	.0190	.0141
2.51500	.0123		.0190	.0185	.0022
3.51500	.0119		.0181	.0181	.0070
4.54500		-.0029			
5.54500		-.0046			
6.54500		-.0046			
7.54500		-.0020			

MACH (3) = 1.103 RN/L (1) = 2.019 P = 427.19 PT = 915.91 TTF = 74.301 Q = 364.02

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0114		-.0019	.0243		.0153			.0114		-.0215	.0006
-2.51500				.0114		.0004	.0040		-.0043			-.0169		-.0118	-.0134
-1.51500				-.0003		-.0136	.0079		-.0332			.0064		.0099	-.0091
-.51500				-.0222		-.0175	.0098		-.0242			-.0417		-.0347	-.0052
.51500	-.0169	-.0177	-.0270		-.0165			.0097		.0127	.0094		.0079		
1.51500	-.0037	-.0099	-.0072		-.0232			.0090		.0112	.0101		.0082		
2.51500	-.0092	-.0084	-.0270		-.0255			.0082		.0097	.0082		.0056		
3.51500	-.0302	-.0022	-.0200		-.0165			.0097		.0060	.0075		-.0413		
4.54500				-.0198		-.0233	-.0369		-.0168			-.0203		-.0250	-.0280

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS14)

MACH (3) = 1.103 RN/L (1) = 2.019

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					-.0260		-.0225	-.0217		-.0049			-.0273		-.0065	-.0207
6.54500					-.0018		.0103	-.0135		-.0361			-.0180		.0020	.0051
7.54500					.0115		.0310	.0177		.0037			.0178		.0082	.0240

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0153			
-2.51500		-.0095			
-1.51500		-.0079			
-.51500		-.0025			
.51500	-.0203		-.0203	-.0164	-.0258
1.51500	-.0187		-.0203	-.0106	-.0086
2.51500	-.0203		-.0203	-.0102	-.0289
3.51500	-.0203		-.0195	-.0109	-.0145
4.54500		-.0315			
5.54500		-.0277			
6.54500		-.0211			
7.54500		.0047			

MACH (4) = 1.251 RN/L (1) = 2.011 P = 350.81 PT = 910.26 TTF = 76.286 Q = 384.46

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					.0099		-.0080	.0188		.0091			.0070		-.0312	-.0081
-2.51500					.0106		.0010	.0028		-.0065			-.0176		-.0162	-.0176
-1.51500					.0058		-.0083	.0140		-.0243			.0154		.0132	-.0022
-.51500					-.0121		-.0050	.0199		-.0128			-.0261		-.0191	.0059
.51500	-.0050	-.0086	-.0131			-.0035			.0235		.0239	.0214		.0214		
1.51500	.0054	-.0057	.0002			-.0116			.0203		.0221	.0210		.0203		
2.51500	.0054	.0024	-.0127			-.0075			.0157		.0171	.0168		.0150		
3.51500	-.0123	.0146	-.0050			.0002			.0175		.0161	.0150		-.0756		
4.54500					-.0024		-.0073	-.0158		-.0024			-.0056		-.0140	-.0126
5.54500					-.0183		-.0291	-.0254		.0075			-.0188		-.0104	-.0177
6.54500					.0027		.0101	-.0165		-.0309			-.0137		.0031	.0024
7.54500					.0042		.0212	-.0024		-.0176			.0035		-.0027	.0031

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0184			
-2.51500		-.0089			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3T$14)

MACH (4) = 1.251 RN/L (1) = 2.011

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		-.0037			
-.51500		.0059			
.51500	.0013		.0010	.0065	-.0042
1.51500	.0013		.0017	.0090	.0127
2.51500	.0010		.0017	.0090	-.0060
3.51500	.0006		.0013	.0087	.0017
4.54500		-.0188			
5.54500		-.0184			
6.54500		-.0188			
7.54500		-.0126			

MACH (5) = 1.412 RN/L (1) = 2.022 P = 281.49 PT = 911.67 TTF = 68.406 Q = 393.09

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0127		.0156	.0410		.0424			.0080		.0127	.0276
-2.51500				.0035		.0072	.0259		.0211			.0044		.0051	.0160
-1.51500				-.0057		-.0057	.0274		.0211			-.0014		.0131	.0232
-.51500				-.0204		-.0031	.0222		.0119			-.0137		.0008	.0204
.51500	-.0090	-.0040	.0068		.0125			.0151		.0214	.0288		.0320		
1.51500	-.0051	.0057	.0233		.0197			.0200		.0257	.0362		.0327		
2.51500	-.0044	.0071	.0161		.0136			.0387		.0341	.0348		.0338		
3.51500	-.0141	.0075	.0043		.0172			.0045		.0098	.0200		.0786		
4.54500				-.0002		-.0020	.0062		.0134			.0005		-.0024	.0052
5.54500				-.0074		-.0031	.0070		.0095			-.0128		.0012	.0091
6.54500				-.0052		.0055	-.0017		-.0042			-.0142		.0016	.0091
7.54500				-.0088		-.0002	.0005		-.0099			-.0059		-.0110	.0012

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0204			
-2.51500		.0156			
-1.51500		.0214			
-.51500		.0189			
.51500	-.0015		.0075	.0225	.0168
1.51500	.0010		.0067	.0189	.0182
2.51500	.0039		.0046	.0196	.0132
3.51500	.0039		-.0004	.0193	.0182
4.54500		.0009			
5.54500		.0027			
6.54500		.0016			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS14)

MACH (5) = 1.412 RN/L (1) = 2.022

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
7.54500	.0016				

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS15) (11 APR 80)

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 =	.5670				

PARAMETRIC DATA

HWALL =	.000	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = 1.103 RN/L (1) = 2.021 P = 427.19 PT = 915.91 TTF = 73.953 Q = 364.02

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0121		-.0012	.0266		.0157			.0127		-.0253	.0018
-2.51500				.0121		.0020	.0074		-.0031			-.0168		-.0110	-.0141
-1.51500				.0024		-.0102	.0110		-.0282			.0088		.0107	-.0083
-.51500				-.0164		-.0157	.0094		-.0219			-.0362		-.0315	-.0052
.51500	-.0172	-.0188	-.0254		-.0184			.0105		.0105	.0105		.0071		
1.51500	-.0013	-.0129	-.0063		-.0219			.0094		.0127	.0101		.0071		
2.51500	-.0129	-.0090	-.0238		-.0242			.0075		.0075	.0064		.0037		
3.51500	-.0328	-.0009	-.0297		-.0176			.0135		.0052	.0037		-.0375		
4.54500				-.0212		-.0263	-.0368		-.0220			-.0228		-.0240	-.0278
5.54500				-.0259		-.0259	-.0228		-.0072			-.0309		-.0082	-.0216
6.54500				-.0118		.0108	-.0216		-.0317			-.0182		.0073	.0019
7.54500				.0162		.0322	.0065		.0030			.0177		.0123	.0150

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0145			
-2.51500		-.0083			
-1.51500		-.0056			
-.51500		-.0025			
.51500	-.0188		-.0203	-.0157	-.0258
1.51500	-.0188		-.0184	-.0094	-.0094
2.51500	-.0192		-.0184	-.0094	-.0274
3.51500	-.0188		-.0180	-.0110	-.0137
4.54500		-.0359			
5.54500		-.0301			
6.54500		-.0174			
7.54500		.0042			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3T515)

MACH (2) = 1.245 RN/L (1) = 2.013 P = 353.63 PT = 810.26 TTF = 75.973 Q = 383.84

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0095		-.0079	.0182		.0070			.0047		-.0362	-.0071
-2.51500				.0096		-.0008	.0018		-.0098			-.0174		-.0174	-.0178
-1.51500				.0026		-.0060	.0119		-.0247			.0139		.0135	-.0082
-.51500				-.0157		-.0075	.0167		-.0127			-.0285		-.0204	.0025
.51500	-.0115	-.0111	-.0134		+.0071			.0195		.0195	.0198		.0173		
1.51500	.0047	-.0037	-.0001		-.0104			.0166		.0184	.0188		.0159		
2.51500	.0044	.0007	-.0130		-.0089			.0138		.0141	.0124		.0113		
3.51500	-.0170	.0143	-.0085		.0033			.0124		.0124	.0124		.0106		
4.54500				-.0090		-.0157	-.0245		-.0071			-.0120		-.0190	-.0153
5.54500				-.0179		-.0249	-.0216		.0062			-.0219		-.0047	-.0164
6.54500				-.0001		.0110	-.0142		-.0316			-.0157		.0023	.0048
7.54500				.0025		.0199	-.0034		-.0153			.0012		-.0087	.0012

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0248			
-2.51500		-.0093			
-1.51500		-.0038			
-.51500		.0069			
.51500	-.0024		-.0031	.0042	-.0079
1.51500	-.0027		-.0024	.0083	.0123
2.51500	-.0027		-.0024	.0083	-.0079
3.51500	-.0024		-.0031	.0079	.0013
4.54500		-.0234			
5.54500		-.0193			
6.54500		-.0182			
7.54500		-.0087			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS16) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.242 RN/L (1) = 2.023 P = 349.39 PT = 895.40 TTF = 67.533 Q = 377.23

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0163		-.0002	.0078		.0021			.0083		-.0060	-.0041
-2.51500				.0140		.0044	.0029		-.0113			.0144		-.0007	-.0049
-1.51500				.0247		.0017	.0044		-.0170			.0332		.0204	-.0003
-.51500				.0059		.0040	.0040		-.0136			.0110		.0008	.0081
.51500	-.0003	-.0105	-.0165		-.0165			.0199		.0140	.0074		.0044		
1.51500	.0139	.0012	-.0094		-.0161			.0191		.0158	.0092		.0052		
2.51500	.0181	.0203	-.0022		-.0225			.0191		.0100	.0107		-.0022		
3.51500	.0068	.0139	-.0097		-.0015			.0331		.0155	.0070		.0346		
4.54500				.0005		-.0092	-.0096		-.0058			-.0010		-.0130	-.0148
5.54500				.0088		-.0085	-.0126		-.0092			.0005		.0001	-.0088
6.54500				.0215		.0260	-.0036		-.0279			.0282		.0200	.0031
7.54500				.0193		.0208	.0035		-.0129			.0357		.0065	.0020

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0128			
-2.51500		-.0120			
-1.51500		-.0052			
-.51500		-.0011			
.51500	-.0015		-.0037	-.0037	-.0108
1.51500	-.0030		-.0033	-.0030	-.0048
2.51500	.0000		-.0033	-.0030	-.0116
3.51500	-.0003		-.0015	-.0037	-.0045
4.54500		-.0205			
5.54500		-.0242			
6.54500		-.0205			
7.54500		-.0122			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS17) (11 APR 80)

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 = .6670

PARAMETRIC DATA

WALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .596 RN/L (1) = 4.567 P = 2160.0 PT = 2746.3 TTF = 71.966 Q = 536.92

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0076		-.0208	.0176		.0109			.0040		-.0339	-.0004
-2.51500				.0076		-.0026	.0005		-.0200			-.0106		-.0151	-.0104
-1.51500				.0076		-.0164	.0178		-.0241			.0310		.0190	-.0043
-.51500				-.0292		-.0047	.0219		-.0164			-.0279		-.0122	.0132
.51500	.0034	-.0084	-.0126		-.0039			.0367		.0265	.0357		.0341		
1.51500	.0118	.0003	.0097		-.0024			.0339		.0298	.0354		.0313		
2.51500	.0123	.0141	-.0013		-.0128			.0339		.0313	.0334		.0288		
3.51500	-.0155	.0123	-.0066		.0029			.0303		.0354	.0326		.0109		
4.54500				.0137		.0014	.0006		.0173			.0056		-.0054	-.0041
5.54500				-.0046		-.0103	.0035		.0213			-.0111		.0056	.0001
6.54500				.0093		.0333	-.0028		-.0192			-.0054		.0262	.0212
7.54500				.0082		.0223	.0090		-.0166			.0113		-.0132	.0134

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0122			
-2.51500		-.0174			
-1.51500		-.0022			
-.51500		.0054			
.51500	.0086		.0157	.0131	-.0073
1.51500	.0080		.0157	.0260	.0286
2.51500	.0078		.0083	.0054	.0102
3.51500	.0080		.0080	.0049	.0160
4.54500		-.0111			
5.54500		-.0085			
6.54500		-.0056			
7.54500		-.0064			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS17)

MACH (2) = .799 RN/L (1) = 4.492 P = 1492.3 PT = 2273.2 TTF = 74.858 Q = 667.29

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0035		-.0153	.0088		.0056			.0056		-.0286	-.0090
-2.51500				.0012		-.0033	-.0044		-.0196			-.0107		-.0149	-.0215
-1.51500				-.0013		-.0173	.0076		-.0208			.0178		.0208	-.0099
-.51500				-.0245		-.0064	.0226		-.0025			-.0202		-.0175	.0121
.51500	.0033	-.0043	-.0132		-.0026			.0429		.0347	.0323		.0314		
1.51500	.0104	.0041	.0126		.0009			.0343		.0392	.0308		.0277		
2.51500	.0073	.0199	-.0064		-.0035			.0333		.0351	.0284		.0323		
3.51500	-.0138	.0229	-.0043		.0176			.0372		.0384	.0347		.0084		
4.54500				.0216		.0174	.0042		.0210			.0167		.0110	-.0016
5.54500				-.0032		.0033	.0124		.0258			-.0018		.0150	.0133
6.54500				.0138		.0462	-.0019		-.0053			.0047		.0393	.0217
7.54500				.0181		.0441	.0155		.0044			.0177		.0135	.0194

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0183			
-2.51500		-.0213			
-1.51500		.0028			
-.51500		.0197			
.51500	-.0011		.0138	.0070	-.0139
1.51500	-.0011		.0134	.0244	.0261
2.51500	-.0013		.0136	-.0011	.0062
3.51500	.0219		-.0023	-.0021	.0219
4.54500		-.0114			
5.54500		-.0024			
6.54500		.0026			
7.54500		.0081			

MACH (3) = .898 RN/L (1) = 4.513 P = 1296.4 PT = 2188.3 TTF = 78.756 Q = 732.03

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0012		-.0230	.0061		.0012			-.0008		-.0348	-.0117
-2.51500				-.0089		-.0070	-.0130		-.0275			-.0240		-.0156	-.0234
-1.51500				.0011		-.0352	.0110		-.0320			.0210		.0054	-.0042
-.51500				-.0294		-.0004	.0148		-.0189			-.0315		-.0100	.0071
.51500	-.0093	-.0159	-.0139		-.0109			.0292		.0277	.0232		.0223		
1.51500	-.0016	-.0022	.0016		-.0097			.0264		.0273	.0238		.0215		
2.51500	.0103	-.0013	-.0070		-.0216			.0219		.0257	.0264		.0232		
3.51500	-.0170	.0212	-.0074		.0014			.0245		.0380	.0300		.0251		
4.54500				.0058		.0001	.0031		.0104			.0028		-.0016	-.0011

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS17)

MACH (3) = .898 RN/L (1) = 4.513

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
5.54500				-.0183		-.0103	.0029		.0144			-.0246		.0016	.0018
6.54500				.0056		.0206	-.0076		-.0246			-.0108		.0159	.0157
7.54500				.0127		.0309	.0089		-.0068			.0136		.0045	.0066

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0240			
-2.51500		-.0263			
-1.51500		-.0048			
-.51500		.0010			
.51500	-.0015		.0062	.0070	-.0132
1.51500	-.0023		.0066	.0151	.0132
2.51500	-.0021		-.0118	.0147	-.0056
3.51500	.0128		-.0021	-.0008	.0112
4.54500		-.0131			
5.54500		-.0156			
6.54500		-.0125			
7.54500		.0005			

MACH (4) = 1.056 RN/L (1) = 4.506 P = 1038.3 PT = 2100.6 TTF = 82.473 Q = 810.43

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0061		-.0068	.0191		.0167			.0036		-.0247	.0027
-2.51500				.0099		.0014	.0021		-.0095			-.0066		-.0106	-.0143
-1.51500				-.0010		-.0173	.0138		-.0205			.0194		.0177	-.0030
-.51500				-.0292		-.0064	.0128		-.0178			-.0313		-.0233	.0027
.51500	-.0183	-.0237	-.0265		-.0185			.0215		.0225	.0197		.0212		
1.51500	-.0032	-.0127	-.0110		-.0171			.0198		.0198	.0202		.0183		
2.51500	-.0134	-.0011	-.0237		-.0332			.0176		.0202	.0202		.0171		
3.51500	-.0198	.0135	-.0172		-.0146			.0200		.0192	.0257		.0382		
4.54500				.0000		-.0085	-.0125		.0076			-.0011		-.0166	-.0133
5.54500				-.0208		-.0085	-.0078		.0110			-.0258		.0030	-.0090
6.54500				-.0070		.0190	-.0125		-.0284			-.0196		.0127	.0143
7.54500				.0017		.0244	.0041		-.0211			.0024		-.0047	.0068

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0084			
-2.51500		-.0106			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3T617)

MACH (4) = 1.056 RN/L (1) = 4.506

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		.0026			
-.51500		.0041			
.51500	-.0165		-.0078	-.0029	-.0185
1.51500	-.0169		-.0082	.0044	.0098
2.51500	-.0169		-.0082	.0046	-.0087
3.51500	.0030		-.0082	-.0092	-.0022
4.54500		-.0203			
5.54500		-.0168			
6.54500		-.0151			
7.54500		-.0168			

MACH (5) = 1.100 RN/L (1) = 4.536 P = 984.52 PT = 2102.7 TTF = 83.097 Q = 834.20

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0002		-.0143	.0237		.0083			.0115		-.0370	-.0049
-2.51500				.0044		-.0087	-.0036		-.0155			-.0268		-.0263	-.0283
-1.51500				-.0084		-.0231	.0076		-.0454			.0102		.0129	-.0160
-.51500				-.0367		-.0291	.0106		-.0343			-.0532		-.0538	-.0106
.51500	-.0233	-.0272	-.0384		-.0255			.0166		.0187	.0195		.0171		
1.51500	-.0045	-.0218	-.0092		-.0248			.0154		.0195	.0181		.0167		
2.51500	-.0196	-.0177	-.0394		-.0405			.0154		.0172	.0143		.0161		
3.51500	-.0463	-.0045	-.0351		-.0311			.0220		.0207	.0171		.0334		
4.54500				-.0340		-.0347	-.0532		-.0335			-.0400		-.0366	-.0475
5.54500				-.0425		-.0443	-.0282		.0191			-.0457		-.0269	-.0188
6.54500				-.0045		.0161	.0040		-.0308			-.0190		.0144	.0350
7.54500				.0558		.0807	.0592		.0261			.0464		.0501	.0566

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0285			
-2.51500		-.0193			
-1.51500		-.0121			
-.51500		-.0027			
.51500	-.0341		-.0230	-.0157	-.0272
1.51500	-.0339		-.0231	-.0039	.0018
2.51500	-.0346		-.0342	-.0289	-.0285
3.51500	-.0118		-.0342	-.0326	-.0211
4.54500		-.0448			
5.54500		-.0125			
6.54500		-.0101			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS17)

MACH (5) = 1.100 RN/L (1) = 4.536

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
7.54500		.0330			

MACH (6) = 1.252 RN/L (1) = 4.546 P = 796.39 PT = 2068.1 TTF = 78.373 Q = 873.62

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0082		-.0084	.0180		.0138			.0001		-.0262	-.0057
-2.51500				.0091		.0033	.0037		-.0168			-.0091		-.0081	-.0107
-1.51500				.0037		-.0146	.0154		-.0214			.0254		.0214	-.0001
-.51500				-.0267		-.0013	.0165		-.0147			-.0242		-.0146	.0093
.51500	-.0110	-.0150	-.0202		-.0054			.0249		.0246	.0249		.0262		
1.51500	.0034	-.0031	.0027		-.0099			.0223		.0254	.0249		.0205		
2.51500	-.0047	-.0002	-.0183		-.0280			.0187		.0204	.0190		.0176		
3.51500	-.0247	.0124	-.0150		-.0026			.0177		.0168	.0174		.0042		
4.54500				.0019		-.0045	-.0082		.0085			.0014		-.0106	-.0099
5.54500				-.0225		-.0211	-.0116		.0056			-.0306		-.0114	-.0167
6.54500				-.0153		-.0007	-.0337		-.0482			-.0357		-.0040	.0001
7.54500				-.0057		.0179	-.0018		-.0281			-.0042		-.0159	-.0056

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0171			
-2.51500		-.0220			
-1.51500		.0020			
-.51500		.0055			
.51500	-.0020		.0082	.0119	-.0053
1.51500	.0015		.0082	.0164	.0140
2.51500	.0092		-.0040	-.0066	-.0042
3.51500	.0082		-.0042	-.0059	.0038
4.54500		-.0197			
5.54500		-.0230			
6.54500		-.0338			
7.54500		-.0216			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS17)

MACH (7) = 1.398 RN/L (1) = 4.595 P = 666.25 PT = 2114.7 TTF = 77.504 Q = 911.65

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0009		-.0267	-.0018		-.0049			-.0195		-.0456	-.0246
-2.51500				-.0018		-.0138	-.0149		-.0336			-.0252		-.0295	-.0401
-1.51500				-.0100		-.0288	-.0033		-.0330			.0003		.0001	-.0107
-.51500				-.0356		-.0164	.0009		-.0221			-.0367		-.0255	-.0042
.51500	-.0190	-.0203	-.0196		-.0161			.0135		.0135	.0145		.0081		
1.51500	.0051	-.0017	.0030		-.0024			.0099		.0129	.0121		.0081		
2.51500	-.0141	-.0090	-.0226		-.0291			.0084		.0096	.0075		.0075		
3.51500	-.0389	.0017	-.0237		-.0082			.0067		.0064	.0061		.0240		
4.54500				-.0138		-.0200	-.0197		-.0095			-.0163		-.0195	-.0250
5.54500				-.0223		-.0180	-.0135		.0000			-.0287		-.0060	-.0149
6.54500				-.0157		.0034	-.0291		-.0431			-.0318		-.0011	-.0016
7.54500				-.0168		.0065	-.0135		-.0345			-.0168		-.0290	-.0183

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0342			
-2.51500		-.0391			
-1.51500		-.0030			
-.51500		.0013			
.51500	-.0196		-.0007	-.0007	-.0196
1.51500	-.0063		-.0007	.0211	.0185
2.51500	-.0061		-.0007	-.0143	-.0165
3.51500	-.0041		-.0196	-.0181	-.0036
4.54500		-.0395			
5.54500		-.0272			
6.54500		-.0326			
7.54500		-.0327			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS18) (11 APR 80)

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 = .6570

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .596 RN/L (1) = 4.577 P = 2155.8 PT = 2742.1 TTF = 70.675 Q = 536.83

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0197		.0100	.0325		.0279			.0184		-.0018	.0116
-2.51500				.0203		.0210	.0123		.0008			.0063		.0110	-.0038
-1.51500				.0200		.0024	.0407		-.0015			.0412		.0383	.0223
-.51500				-.0079		.0197	.0453		.0034			-.0115		.0037	.0323
.51500	.0113	.0116	.0085		.0163			.0497		.0538	.0484		.0502		
1.51500	.0250	.0208	.0242		.0168			.0484		.0528	.0495		.0466		
2.51500	.0265	.0315	.0147		.0069			.0495		.0512	.0510		.0472		
3.51500	.0027	.0393	.0184		.0174			.0466		.0502	.0489		.0186		
4.54500				.0242		.0242	.0239		.0357			.0218		.0158	.0233
5.54500				.0096		.0114	.0192		.0373			.0103		.0267	.0142
6.54500				.0239		.0508	.0065		-.0009			.0108		.0496	.0293
7.54500				.0226		.0488	.0253		.0002			.0220		.0100	.0293

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0034			
-2.51500		.0063			
-1.51500		.0218			
-.51500		.0273			
.51500	.0192		.0397	.0329	.0112
1.51500	.0192		.0392	.0347	.0395
2.51500	.0189		.0192	.0345	.0218
3.51500	.0366		.0192	.0218	.0350
4.54500		.0095			
5.54500		.0053			
6.54500		.0082			
7.54500		.0121			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS18)

MACH (2) = .800 RN/L (1) = 4.482 P = 1490.2 PT = 2272.5 TTF = 75.973 Q = 668.21

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0104		-.0168	.0278		.0062			-.0142		-.0273	.0043
-2.51500				-.0051		.0019	-.0043		-.0201			-.0195		-.0046	-.0159
-1.51500				.0017		-.0191	.0194		-.0242			.0273		.0233	-.0012
-.51500				-.0292		-.0035	.0229		-.0032			-.0282		-.0185	.0150
.51500	-.0143	-.0034	.0110		-.0051			.0223		.0422	.0371		.0328		
1.51500	.0034	.0126	.0118		.0013			.0233		.0363	.0393		.0303		
2.51500	.0093	.0160	.0029		-.0067			.0373		.0402	.0363		.0301		
3.51500	-.0152	.0223	.0008		.0143			.0373		.0344	.0447		.0155		
4.54500				.0042		.0143	.0223		.0200			.0010		.0109	.0136
5.54500				-.0130		.0174	.0137		.0311			-.0147		.0297	.0102
6.54500				.0149		.0347	.0025		-.0048			.0042		.0270	.0270
7.54500				.0185		.0452	.0248		.0109			.0203		.0111	.0260

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0159			
-2.51500		-.0187			
-1.51500		.0011			
-.51500		.0193			
.51500	-.0052		.0092	.0184	-.0088
1.51500	-.0046		.0090	.0239	.0207
2.51500	.0245		.0094	.0235	.0097
3.51500	.0245		.0092	.0088	.0264
4.54500		-.0061			
5.54500		-.0023			
6.54500		.0042			
7.54500		.0161			

MACH (3) = .899 RN/L (1) = 4.521 P = 1295.0 PT = 2189.0 TTF = 78.339 Q = 733.36

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0037		-.0187	.0060		-.0001			-.0065		-.0295	-.0117
-2.51500				.0025		-.0052	.0053		-.0204			-.0103		-.0140	-.0069
-1.51500				-.0045		-.0208	.0128		-.0251			.0194		.0177	-.0057
-.51500				-.0284		-.0101	.0171		-.0136			-.0268		-.0222	.0077
.51500	-.0083	-.0110	-.0200		-.0122			.0261		.0293	.0250		.0261		
1.51500	.0087	.0034	.0143		-.0047			.0265		.0306	.0287		.0248		
2.51500	.0034	.0101	-.0033		-.0135			.0285		.0309	.0285		.0268		
3.51500	-.0204	.0128	-.0041		-.0001			.0294		.0250	.0328		.0309		
4.54500				.0059		.0027	-.0021		.0124			.0043		-.0033	-.0047

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS18)

MACH (3) = .899 RN/L (1) = 4.521

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					-.0090		.0006	.0142		.0195			-.0062		.0178	.0108
6.54500					.0052		.0325	-.0002		-.0208			-.0043		.0299	.0262
7.54500					.0107		.0294	.0120		-.0109			.0081		-.0047	.0142

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0222			
-2.51500		-.0184			
-1.51500		.0014			
-.51500		.0119			
.51500	-.0078		.0188	.0064	-.0094
1.51500	-.0075		.0072	.0259	.0171
2.51500	-.0077		.0066	.0045	-.0001
3.51500	.0146		-.0078	-.0003	.0153
4.54500		-.0123			
5.54500		-.0113			
6.54500		-.0075			
7.54500		-.0016			

MACH (4) = 1.100 RN/L (1) = 4.536 P = 983.81 PT = 2101.3 TTF = 82.785 Q = 833.66

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					.0022		-.0148	.0218		.0119			.0141		-.0371	-.0091
-2.51500					.0059		-.0056	-.0026		-.0165			-.0258		-.0243	-.0292
-1.51500					-.0071		-.0218	.0107		-.0437			.0101		.0168	-.0163
-.51500					-.0393		-.0267	.0124		-.0355			-.0515		-.0518	-.0096
.51500	-.0228	-.0316	-.0384			-.0228			.0188		.0195	.0187		.0226		
1.51500	-.0028	-.0232	-.0122			-.0333			.0174		.0177	.0172		.0160		
2.51500	-.0176	-.0169	-.0408			-.0367			.0160		.0160	.0123		.0147		
3.51500	-.0503	-.0059	-.0347			-.0299			.0172		.0124	.0174		.0337		
4.54500					-.0287		-.0505	-.0559		-.0335			-.0334		-.0516	-.0447
5.54500					-.0447		-.0474	-.0437		-.0301			-.0489		-.0230	-.0301
6.54500					.0107		.0010	-.0253		-.0189			-.0008		-.0060	.0166
7.54500					.0487		.0616	.0486		.0212			.0452		.0351	.0565

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0185			
-2.51500		-.0194			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS18)

MACH (4) = 1.100 RN/L (1) = 4.536

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		-.0102			
-.51500		-.0028			
.51500	-.0321		-.0252	-.0159	-.0287
1.51500	-.0333		-.0252	-.0093	-.0031
2.51500	-.0328		-.0319	-.0210	-.0279
3.51500	-.0129		-.0321	-.0230	-.0217
4.54500		-.0504			
5.54500		-.0578			
6.54500		-.0028			
7.54500		.0294			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS19) (11 APR 80)

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 = .8670

PARAMETRIC DATA

MWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .604 RN/L (1) = 4.579 P = 2162.1 PT = 2766.8 TTF = 77.956 Q = 552.41

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					.0158		.0140	.0326		.0318		.0022		.0149	.0224
-2.51500					.0225		.0207	.0164		.0145		.0147		.0116	.0026
-1.51500					.0282		-.0058	.0254		.0096		.0336		.0211	.0139
-.51500					.0096		.0305	.0365		.0192		.0100		.0201	.0341
.51500	.0039	.0057	.0026			.0059			.0353		.0363	.0401	.0353		
1.51500	.0185	.0206	.0155			.0253			.0343		.0389	.0351	.0409		
2.51500	.0242	.0222	.0155			.0121			.0379		.0363	.0374	.0368		
3.51500	.0181	.0302	.0126			.0284			.0434		.0404	.0379	.0444		
4.54500					.0168		.0150	.0155		.0271		.0204		.0093	.0096
5.54500					.0101		.0189	.0209		.0300		.0106		.0202	.0178
6.54500					.0271		.0354	.0122		.0163		.0150		.0235	.0282
7.54500					.0336		.0320	.0259		.0109		.0313		.0083	.0264

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0131			
-2.51500		.0190			
-1.51500		.0237			
-.51500		.0294			
.51500	.0159		.0198	.0216	.0118
1.51500	.0159		.0177	.0334	.0342
2.51500	.0262		.0118	.0200	.0252
3.51500	.0262		.0076	.0360	.0265
4.54500		.0047			
5.54500		.0145			
6.54500		.0166			
7.54500		.0145			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS19)

MACH (2) = .803 RN/L (1) = 4.519 P = 1501.5 PT = 2295.8 TTF = 77.469 Q = 677.78

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0107		-.0028	.0103		.0170			-.0043		-.0026	-.0013
-2.51500				.0113		.0031	-.0007		-.0077			.0031		-.0024	-.0174
-1.51500				.0192		-.0104	.0008		-.0047			.0281		.0185	-.0060
-.51500				-.0077		.0120	.0177		-.0039			-.0018		-.0005	.0181
.51500	-.0027	-.0090	-.0180		-.0073			.0274		.0231	.0142		.0231		
1.51500	.0102	.0047	.0015		.0074			.0247		.0243	.0167		.0183		
2.51500	.0171	.0196	-.0062		-.0062			.0264		.0231	.0127		.0196		
3.51500	-.0012	.0150	-.0010		.0074			.0301		.0297	.0280		.0175		
4.54500				.0122		.0057	-.0019		.0141			.0136		.0045	-.0060
5.54500				.0042		.0038	.0055		.0088			.0024		.0083	.0031
6.54500				.0191		.0336	-.0075		-.0088			.0098		.0275	.0081
7.54500				.0153		.0244	.0120		-.0105			.0102		.0033	.0106

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0005			
-2.51500		-.0134			
-1.51500		.0122			
-.51500		.0065			
.51500	.0030		.0092	.0054	-.0064
1.51500	.0033		.0028	.0119	.0075
2.51500	.0197		.0033	-.0033	-.0037
3.51500	.0195		.0030	.0163	.0123
4.54500		-.0079			
5.54500		-.0093			
6.54500		-.0106			
7.54500		-.0030			

MACH (3) = .904 RN/L (1) = 4.507 P = 1285.1 PT = 2184.0 TTF = 79.590 Q = 735.84

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0310		.0250	.0348		.0369			.0166		.0240	.0179
-2.51500				.0392		.0193	.0287		.0147			.0343		.0109	.0174
-1.51500				.0353		.0100	.0349		.0205			.0428		.0364	.0251
-.51500				.0197		.0412	.0451		.0164			.0259		.0347	.0442
.51500	.0337	.0232	.0112		.0217			.0580		.0554	.0405		.0516		
1.51500	.0434	.0338	.0341		.0352			.0554		.0470	.0474		.0499		
2.51500	.0492	.0476	.0379		.0331			.0542		.0516	.0554		.0531		
3.51500	.0337	.0523	.0406		.0443			.0614		.0677	.0599		.0765		
4.54500				.0565		.0366	.0366		.0480			.0610		.0399	.0339

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS19)

MACH (3) = .904 RN/L (1) = 4.507

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					.0434		.0426	.0472		.0459		.0438		.0430	.0463
6.54500					.0525		.0666	.0467		.0472		.0378		.0649	.0540
7.54500					.0527		.0708	.0594		.0442		.0502		.0482	.0593

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0220			
-2.51500		.0131			
-1.51500		.0329			
-.51500		.0310			
.51500	.0351		.0298	.0325	.0242
1.51500	.0422		.0306	.0442	.0442
2.51500	.0392		.0374	.0260	.0325
3.51500	.0489		.0442	.0457	.0477
4.54500		.0320			
5.54500		.0370			
6.54500		.0384			
7.54500		.0446			

MACH (4) = 1.103 RN/L (1) = 4.574 P = 985.93 PT = 2112.6 TTF = 81.709 Q = 839.40

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					.0138		-.0047	.0287		.0222		.0104		-.0220	.0086
-2.51500					.0120		.0049	.0064		-.0041		-.0035		-.0057	-.0092
-1.51500					-.0021		-.0146	.0182		-.0146		.0189		.0213	.0018
-.51500					-.0306		-.0115	.0090		-.0205		-.0315		-.0277	.0017
.51500	-.0187	-.0266	-.0326			-.0175			.0179		.0192	.0186		.0204	
1.51500	-.0024	-.0081	-.0031			-.0152			.0148		.0179	.0179		.0166	
2.51500	-.0172	-.0011	-.0124			-.0229			.0098		.0132	.0129		.0127	
3.51500	-.0400	.0016	-.0259			-.0168			.0049		.0112	.0104		.0421	
4.54500					-.0132		-.0196	-.0199		-.0021		-.0137		-.0260	-.0217
5.54500					-.0300		-.0191	-.0107		.0015		-.0327		-.0090	-.0133
6.54500					-.0301		.0110	-.0211		-.0288		-.0438		.0073	.0022
7.54500					-.0124		.0190	-.0036		-.0259		-.0127		-.0145	-.0043

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0028			
-2.51500		-.0102			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS19)

MACH (4) = 1.103 RN/L (1) = 4.574

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		.0060			
-.51500		.0054			
.51500	-.0185		-.0037	-.0054	-.0184
1.51500	-.0179		-.0037	.0051	.0054
2.51500	-.0179		-.0185	-.0152	-.0104
3.51500	-.0094		-.0180	-.0145	-.0022
4.54500		-.0240			
5.54500		-.0250			
6.54500		-.0178			
7.54500		-.0133			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS20) (11 APR 80)

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 = .6870

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.100 RN/L (1) = 4.585 P = 990.18 PT = 2113.3 TTF = 80.667 Q = 838.14

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					.0105		-.0087	.0248		.0172			.0095		-.0217	.0063
-2.51500					.0092		.0000	.0023		-.0102			-.0083		-.0113	-.0145
-1.51500					.0011		-.0214	.0115		-.0217			.0176		.0156	-.0056
-.51500					-.0357		-.0152	.0029		-.0245			-.0373		-.0313	-.0022
.51500	-.0201	-.0269	-.0284			-.0218			.0179		.0179	.0192		.0161		
1.51500	-.0006	-.0107	-.0015			-.0114			.0165		.0150	.0160		.0156		
2.51500	-.0097	-.0023	-.0201			-.0264			.0143		.0140	.0170		.0129		
3.51500	-.0343	.0044	-.0282			-.0134			.0124		.0107	.0117		.0129		
4.54500					-.0045		-.0172	-.0152		-.0061			-.0028		-.0229	-.0195
5.54500					-.0212		-.0175	.0031		.0103			-.0239		-.0015	-.0013
6.54500					-.0085		.0170	-.0162		-.0249			-.0215		.0103	.0083
7.54500					.0002		.0258	-.0033		-.0157			.0000		-.0064	.0007

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0059			
-2.51500		-.0116			
-1.51500		.0006			
-.51500		.0021			
.51500	-.0131		-.0014	-.0073	-.0243
1.51500	-.0106		-.0136	.0048	.0072
2.51500	-.0038		-.0131	-.0131	-.0092
3.51500	-.0035		-.0131	-.0138	-.0011
4.54500		-.0282			
5.54500		-.0102			
6.54500		-.0128			
7.54500		-.0072			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS21) (11 APR 80)

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 = .6570

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 6.043 P = 2827.7 PT = 3612.0 TTF = 72.349 Q = 717.01

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0143		.0025	.0271		.0237			.0030		.0024	.0105
-2.51500				.0097		.0129	.0045		-.0076			.0024		.0075	-.0106
-1.51500				.0125		-.0120	.0205		.0023			.0312		.0231	.0127
-.51500				-.0082		.0169	.0215		-.0066			-.0016		.0071	.0197
.51500	.0046	-.0003	.0040		.0046			.0373		.0319	.0299		.0285		
1.51500	.0131	.0177	.0125		.0115			.0299		.0387	.0254		.0328		
2.51500	.0183	.0218	.0101		.0060			.0356		.0367	.0324		.0321		
3.51500	.0068	.0258	.0008		.0088			.0383		.0406	.0387		.0336		
4.54500				.0204		.0153	.0194		.0256			.0187		.0127	.0103
5.54500				.0024		.0179	.0155		.0246			.0011		.0226	.0145
6.54500				.0191		.0418	.0056		.0064			.0054		.0325	.0264
7.54500				.0262		.0325	.0137		-.0071			.0191		.0072	.0147

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0022			
-2.51500		-.0070			
-1.51500		.0282			
-.51500		.0133			
.51500	.0089		.0254	.0260	.0008
1.51500	.0052		.0250	.0207	.0270
2.51500	.0278		.0220	.0207	.0167
3.51500	.0232		.0220	.0242	.0258
4.54500		-.0029			
5.54500		.0046			
6.54500		.0044			
7.54500		.0044			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS21)

MACH (2) = .798 RN/L (1) = 6.048 P = 2032.7 PT = 3092.2 TTF = 78.756 Q = 905.90

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0095		-.0099	.0165		.0155			-.0048		-.0084	.0037
-2.51500				.0100		.0003	-.0018		-.0121			.0004		-.0073	-.0101
-1.51500				.0039		-.0178	.0063		-.0087			.0224		.0211	-.0024
-.51500				-.0130		.0065	.0114		-.0094			-.0079		-.0027	.0078
.51500	.0028	-.0115	-.0068		-.0068			.0275		.0225	.0280		.0275		
1.51500	.0117	.0083	.0011		.0086			.0293		.0249	.0263		.0179		
2.51500	.0053	.0152	-.0039		-.0052			.0281		.0278	.0222		.0241		
3.51500	-.0021	.0152	-.0077		.0131			.0278		.0247	.0219		.0125		
4.54500				.0177		.0031	.0108		.0202			.0214		-.0013	.0075
5.54500				.0026		.0077	.0042		.0229			.0028		.0155	.0018
6.54500				.0077		.0265	-.0105		-.0049			-.0066		.0172	.0034
7.54500				.0171		.0215	.0108		-.0025			.0130		-.0029	.0126

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0049			
-2.51500		-.0161			
-1.51500		.0126			
-.51500		.0044			
.51500	.0022		.0192	.0148	-.0041
1.51500	.0030		.0132	.0144	.0218
2.51500	.0204		.0133	-.0031	.0038
3.51500	.0206		.0021	.0195	.0218
4.54500		-.0056			
5.54500		-.0015			
6.54500		-.0024			
7.54500		.0028			

MACH (3) = .898 RN/L (1) = 6.011 P = 1747.7 PT = 2950.0 TTF = 83.791 Q = 986.87

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0137		-.0098	.0124		.0076			-.0003		-.0084	-.0004
-2.51500				-.0011		.0014	-.0028		-.0145			-.0084		-.0046	-.0148
-1.51500				.0098		-.0188	.0073		-.0162			.0263		.0163	.0024
-.51500				-.0194		.0059	.0273		-.0136			-.0135		-.0087	.0292
.51500	.0077	-.0119	-.0151		-.0158			.0292		.0244	.0152		.0194		
1.51500	.0003	.0084	.0003		.0048			.0227		.0244	.0179		.0229		
2.51500	.0100	.0172	-.0017		-.0152			.0231		.0240	.0219		.0199		
3.51500	-.0099	.0172	.0074		.0042			.0247		.0220	.0315		.0248		
4.54500				.0194		.0030	.0008		.0088			.0153		-.0014	-.0047

OA-252 (PS0+A) SURFACE PRESS ON 90 DEG PANEL (R3TS21)

MACH (3) = .899 RN/L (1) = 6.011

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500				-.0118		.0017	.0016		.0136			-.0166		.0050	.0002
6.54500				.0129		.0260	-.0062		-.0161			-.0018		.0147	.0107
7.54500				.0113		.0266	.0183		-.0128			.0038		.0015	.0165

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0101			
-2.51500		-.0142			
-1.51500		.0097			
-.51500		.0030			
.51500	-.0005		.0187	.0060	-.0073
1.51500	-.0006		.0190	.0037	.0204
2.51500	.0260		.0115	-.0001	-.0047
3.51500	.0121		-.0012	.0198	.0167
4.54500		-.0192			
5.54500		-.0077			
6.54500		-.0169			
7.54500		-.0020			

MACH (4) = 1.046 RN/L (1) = 6.007 P = 1412.4 PT = 2824.8 TTF = 85.248 Q = 1082.6

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0012		-.0082	.0109		.0117			-.0116		-.0128	.0009
-2.51500				.0033		-.0076	-.0060		-.0130			-.0065		-.0150	-.0161
-1.51500				-.0027		-.0320	.0092		-.0180			.0158		.0086	.0034
-.51500				-.0303		.0041	.0050		-.0215			-.0200		-.0135	.0048
.51500	-.0079	-.0005	-.0170		-.0062			.0233		.0194	.0181		.0149		
1.51500	.0133	.0112	.0086		-.0113			.0153		.0174	.0181		.0156		
2.51500	.0091	.0115	.0033		-.0066			.0220		.0225	.0233		.0175		
3.51500	-.0142	.0150	-.0079		.0065			.0227		.0225	.0251		.0196		
4.54500				.0063		-.0012	.0008		.0105			.0044		-.0066	-.0040
5.54500				-.0092		.0012	-.0005		.0052			-.0164		.0080	-.0011
6.54500				.0021		.0160	-.0054		-.0161			-.0087		.0065	.0111
7.54500				.0064		.0225	.0057		-.0123			.0026		-.0046	.0055

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0063			
-2.51500		-.0182			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS21)

MACH (4) = 1.046 RN/L (1) = 6.007

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		.0077			
-.51500		.0007			
.51500	-.0006		.0112	-.0019	-.0112
1.51500	-.0005		.0111	.0165	.0046
2.51500	.0210		.0100	.0166	-.0019
3.51500	.0213		-.0007	.0099	.0120
4.54500		-.0130			
5.54500		-.0139			
6.54500		-.0142			
7.54500		-.0030			

MACH (5) = 1.093 RN/L (1) = 5.939 P = 1331.1 PT = 2816.3 TTF = 92.100 Q = 1112.4

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0064		-.0065	.0193		.0174			-.0030		-.0071	.0113
-2.51500				.0047		.0018	.0053		-.0086			-.0012		-.0095	-.0113
-1.51500				-.0049		-.0294	.0006		-.0208			.0056		.0016	-.0008
-.51500				-.0297		-.0095	.0051		-.0150			-.0235		-.0221	.0092
.51500	-.0121	-.0147	-.0140		-.0124			.0125		.0203	.0170		.0160		
1.51500	.0012	.0010	.0001		.0006			.0130		.0147	.0139		.0160		
2.51500	-.0032	.0016	-.0121		-.0215			.0115		.0145	.0175		.0125		
3.51500	-.0243	.0014	-.0224		-.0054			.0082		.0076	.0130		-.0054		
4.54500				-.0026		-.0110	-.0055		-.0014			-.0022		-.0174	-.0113
5.54500				-.0146		.0019	.0083		.0086			-.0166		.0064	.0072
6.54500				-.0075		.0144	-.0160		-.0206			-.0213		.0060	.0039
7.54500				.0037		.0147	.0015		-.0146			-.0026		-.0123	-.0008

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0021			
-2.51500		-.0102			
-1.51500		.0039			
-.51500		.0039			
.51500	-.0014		-.0009	.0023	-.0099
1.51500	-.0012		-.0005	.0124	.0124
2.51500	.0016		-.0012	-.0083	-.0059
3.51500	.0014		-.0188	-.0081	.0108
4.54500		-.0024			
5.54500		-.0072			
6.54500		-.0128			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS21)

MACH (5) = 1.093 RN/L (1) = 5.939

SECTION (1)50 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
7.54500		-.0035			

MACH (5) = 1.248 RN/L (1) = 5.951 P = 1097.7 PT = 2827.6 TTF = 97.898 Q = 1197.6

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					.0088		-.0098	.0149		.0201			-.0063		-.0173	.0018
-2.51500					.0052		-.0039	.0025		-.0072			-.0047		-.0143	-.0154
-1.51500					.0012		-.0243	.0043		-.0019			.0104		.0082	.0033
-.51500					-.0210		-.0047	.0076		-.0055			-.0107		-.0143	.0080
.51500	-.0107	-.0213	-.0186			-.0048			.0187		.0143	.0176		.0201		
1.51500	.0016	.0030	.0030			.0022			.0157		.0171	.0171		.0190		
2.51500	-.0080	.0005	-.0119			-.0064			.0145		.0137	.0159		.0157		
3.51500	-.0183	.0041	-.0148			.0063			.0176		.0125	.0151		.0300		
4.54500					.0043		-.0110	-.0056		.0127			.0041		-.0122	-.0050
5.54500					-.0051		-.0020	-.0024		.0058			-.0149		-.0031	-.0065
6.54500					-.0140		.0026	-.0230		-.0141			-.0257		-.0069	-.0056
7.54500					-.0063		.0014	-.0044		-.0217			-.0096		-.0172	-.0048

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0026			
-2.51500		-.0101			
-1.51500		.0174			
-.51500		.0119			
.51500	.0056		.0000	.0118	.0025
1.51500	.0056		.0006	.0150	.0166
2.51500	.0047		.0000	-.0008	.0061
3.51500	.0049		-.0099	-.0010	.0089
4.54500		-.0113			
5.54500		-.0151			
6.54500		-.0108			
7.54500		-.0146			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS21)

MACH (7) = 1.406 RN/L (1) = 5.981 P = 927.94 PT = 2876.9 TTF = 109.45 Q = 1283.5

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0367		.0223	.0498		.0448			.0225		.0209	.0379
-2.51500				.0331		.0282	.0293		.0210			.0290		.0169	.0104
-1.51500				.0249		.0001	.0280		.0129			.0359		.0291	.0218
-.51500				.0019		.0229	.0340		.0156			.0135		.0169	.0359
.51500	.0035	-.0006	.0005		.0113			.0372		.0372	.0370		.0355		
1.51500	.0183	.0225	.0206		.0226			.0331		.0355	.0347		.0338		
2.51500	.0184	.0300	.0154		.0075			.0307		.0309	.0302		.0287		
3.51500	.0009	.0232	.0109		.0247			.0294		.0265	.0277		.0037		
4.54500				.0191		.0116	.0118		.0201			.0156		.0064	.0050
5.54500				.0022		.0083	.0114		.0167			-.0042		.0104	.0055
6.54500				.0097		.0196	-.0050		-.0101			-.0058		.0113	.0130
7.54500				.0049		.0146	-.0006		-.0203			-.0014		-.0087	.0055

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0188			
-2.51500		.0104			
-1.51500		.0287			
-.51500		.0309			
.51500	.0212		.0263	.0252	.0102
1.51500	.0217		.0263	.0446	.0332
2.51500	.0292		.0265	.0132	.0132
3.51500	.0288		.0146	.0260	.0225
4.54500		-.0092			
5.54500		-.0047			
6.54500		-.0031			
7.54500		-.0038			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS22) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 6.016 P = 2831.2 PT = 3612.0 TTF = 73.465 Q = 714.10

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					.0080		-.0018	.0254		.0196		-.0046		.0002	.0144
-2.51500					.0164		.0102	.0018		.0030		.0046		.0020	-.0122
-1.51500					.0092		-.0098	.0220		.0014		.0318		.0238	.0104
-.51500					-.0098		.0110	.0182		-.0054		-.0048		.0086	.0172
.51500	.0003	-.0051	-.0081			-.0015			.0334		.0342	.0374	.0295		
1.51500	.0235	.0168	.0108			.0215			.0321		.0350	.0328	.0289		
2.51500	.0118	.0259	.0154			.0074			.0383		.0334	.0354	.0342		
3.51500	.0017	.0155	.0005			.0102			.0366		.0413	.0358	.0246		
4.54500					.0174		.0098	.0040		.0253		.0194		.0057	.0004
5.54500					.0072		.0144	.0126		.0287		.0029		.0185	.0119
6.54500					.0134		.0468	.0164		.0092		-.0012		.0381	.0377
7.54500					.0204		.0319	.0152		-.0055		.0185		.0071	.0149

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0014			
-2.51500		-.0016			
-1.51500		.0246			
-.51500		.0180			
.51500	.0165		.0233	.0115	.0113
1.51500	.0141		.0233	.0221	.0289
2.51500	.0310		.0227	.0229	.0205
3.51500	.0308		.0229	.0245	.0285
4.54500		.0020			
5.54500		.0053			
6.54500		.0123			
7.54500		.0073			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS22)

MACH (2) = .808 RN/L (1) = 6.022 P = 1998.7 PT = 3070.3 TTF = 80.146 Q = 912.72

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0192		-.0056	.0179		.0189			.0000		-.0045	.0039
-2.51500				.0167		.0066	.0066		-.0087			.0036		-.0034	-.0114
-1.51500				.0066		-.0079	.0148		-.0068			.0172		.0197	.0041
-.51500				-.0129		.0095	.0207		.0038			-.0139		-.0024	.0174
.51500	.0112	-.0081	-.0082		-.0072			.0321		.0215	.0216		.0261		
1.51500	.0193	.0140	.0100		.0084			.0284		.0284	.0196		.0232		
2.51500	.0089	.0281	.0045		-.0009			.0235		.0265	.0229		.0209		
3.51500	.0009	.0190	.0014		.0218			.0207		.0316	.0302		.0294		
4.54500				.0249		.0082	.0099		.0149			.0274		.0092	.0081
5.54500				.0099		.0127	.0106		.0159			.0050		.0178	.0090
6.54500				.0134		.0428	.0012		.0039			.0022		.0374	.0182
7.54500				.0230		.0275	.0157		.0075			.0174		.0061	.0168

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0027			
-2.51500		-.0164			
-1.51500		.0083			
-.51500		.0116			
.51500	.0093		.0073	.0164	-.0103
1.51500	.0097		.0009	.0143	.0137
2.51500	.0143		.0097	.0009	.0103
3.51500	.0154		-.0014	.0212	.0260
4.54500		-.0085			
5.54500		-.0005			
6.54500		.0067			
7.54500		.0168			

MACH (3) = .904 RN/L (1) = 6.064 P = 1746.2 PT = 2967.0 TTF = 83.548 Q = 999.36

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0205		.0169	.0310		.0406			-.0088		.0060	.0071
-2.51500				.0206		.0156	.0073		.0093			.0003		-.0053	-.0191
-1.51500				.0140		-.0108	.0149		.0031			.0156		.0055	-.0085
-.51500				.0035		.0166	.0202		.0049			-.0079		-.0106	.0091
.51500	-.0036	-.0028	-.0105		.0040			.0224		.0241	.0207		.0274		
1.51500	.0081	.0095	-.0065		.0141			.0196		.0237	.0171		.0196		
2.51500	.0103	.0171	-.0011		-.0067			.0224		.0232	.0132		.0209		
3.51500	-.0003	.0142	-.0095		.0120			.0307		.0253	.0237		.0202		
4.54500				.0173		.0132	.0142		.0324			.0218		.0154	.0117

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS22)

MACH (3) = .904 RN/L (1) = 6.054

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
5.54500				.0025		.0143	.0002		.0227			.0001		.0204	.0013
6.54500				.0251		.0358	.0021		.0032			.0138		.0281	.0194
7.54500				.0247		.0310	.0142		.0047			.0207		.0084	.0235

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		.0087			
-2.51500		-.0135			
-1.51500		.0071			
-.51500		.0054			
.51500	-.0001		.0079	.0116	-.0049
1.51500	-.0063		-.0005	-.0004	.0128
2.51500	.0106		.0009	-.0075	.0024
3.51500	.0093		-.0056	.0143	.0158
4.54500		.0051			
5.54500		.0073			
6.54500		.0088			
7.54500		.0158			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS23) (11 APR 80)

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 = .8670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .592 RN/L (1) = 6.019 P = 2837.6 PT = 3614.9 TTF = 72.663 Q = 711.27

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0122		.0075	.0276		.0309			.0013		.0101	.0162
-2.51500				.0116		.0166	.0045		.0011			.0063		.0110	-.0035
-1.51500				.0232		-.0094	.0242		-.0053			.0363		.0254	.0122
-.51500				-.0031		.0156	.0250		.0011			.0029		.0063	.0258
.51500	-.0006	.0034	.0016		.0136			.0378		.0329	.0319		.0353		
1.51500	.0106	.0196	.0092		.0192			.0304		.0380	.0341		.0361		
2.51500	.0262	.0254	.0136		-.0004			.0345		.0333	.0321		.0349		
3.51500	.0074	.0212	.0028		.0164			.0349		.0384	.0364		.0288		
4.54500				.0142		.0102	.0178		.0362			.0196		.0072	.0132
5.54500				-.0003		.0190	.0130		.0272			.0016		.0218	.0074
6.54500				.0290		.0402	.0071		.0005			.0198		.0278	.0218
7.54500				.0252		.0300	.0139		-.0021			.0232		.0076	.0128

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0101			
-2.51500		.0001			
-1.51500		.0214			
-.51500		.0140			
.51500	.0122		.0108	.0281	.0098
1.51500	.0106		.0211	.0219	.0315
2.51500	.0311		.0114	.0098	.0148
3.51500	.0305		.0062	.0255	.0251
4.54500		.0074			
5.54500		.0072			
6.54500		.0036			
7.54500		.0036			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS24) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.241 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .593 RN/L (1) = 2.044 P = 934.30 PT = 1189.6 TTF = 59.446 Q = 233.68

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					.0029		-.0020	.0205		.0144			-.0144		-.0258	-.0174
-2.51500					.0114		.0035	.0011		-.0117			-.0240		-.0156	-.0288
-1.51500					.0083		-.0141	.0260		-.0166			.0139		.0037	-.0041
-.51500					-.0032		-.0008	.0260		-.0154			-.0246		-.0174	-.0005
.51500	-.0271	-.0097	-.0211			-.0091			.0121		.0261	.0162		.0243	
1.51500	-.0030	-.0091	-.0066			-.0181			.0185		.0203	.0179		.0179	
2.51500	-.0127	-.0066	-.0127			-.0211			.0115		.0121	.0132		.0097	
3.51500	-.0332	-.0030	-.0187			-.0229			.0144		.0097	.0050		.0115	
4.54500					-.0204		-.0258	-.0312		-.0114			-.0199		-.0324	-.0360
5.54500					-.0432		-.0378	-.0300		-.0114			-.0426		-.0241	-.0336
6.54500					-.0372		-.0114	-.0372		-.0564			-.0576		-.0157	-.0121
7.54500					-.0234		-.0138	-.0330		-.0612			-.0259		-.0450	-.0336

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0373			
-2.51500		-.0294			
-1.51500		-.0060			
-.51500		.0025			
.51500	-.0247		.0006	-.0054	-.0205
1.51500	-.0235		.0012	.0072	.0060
2.51500	-.0229		.0012	.0072	-.0163
3.51500	.0000		.0018	.0018	-.0127
4.54500		-.0390			
5.54500		-.0486			
6.54500		-.0492			
7.54500		-.0605			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS24)

MACH (2) = .995 RN/L (1) = 2.023 P = 563.69 PT = 949.16 TTF = 64.875 Q = 316.69

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0133		-.0155	.0197		.0147			-.0010		-.0394	-.0099
-2.51500				.0138		.0043	.0065		-.0137			-.0220		-.0157	-.0228
-1.51500				.0115		-.0096	.0139		-.0218			.0172		.0127	-.0099
-.51500				-.0128		.0012	.0205		-.0060			-.0277		-.0220	-.0006
.51500	-.0189	-.0169	-.0178		-.0071			.0281		.0220	.0263		.0259		
1.51500	-.0009	-.0035	.0036		-.0067			.0229		.0225	.0220		.0203		
2.51500	-.0004	-.0009	-.0182		-.0169			.0181		.0160	.0138		.0139		
3.51500	-.0303	.0045	-.0187		-.0084			.0138		.0095	.0082		.0099		
4.54500				-.0100		-.0197	-.0224		-.0082			-.0142		-.0239	-.0266
5.54500				-.0264		-.0264	-.0175		.0024			-.0372		-.0160	-.0226
6.54500				-.0175		-.0033	-.0397		-.0512			-.0359		-.0065	-.0133
7.54500				-.0188		-.0024	-.0251		-.0437			-.0209		-.0385	-.0266

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0317			
-2.51500		-.0205			
-1.51500		-.0096			
-.51500		.0034			
.51500	-.0071		-.0071	-.0045	-.0178
1.51500	-.0071		-.0057	.0029	.0107
2.51500	-.0071		-.0037	.0065	-.0134
3.51500	-.0067		-.0071	.0049	.0031
4.54500		-.0354			
5.54500		-.0376			
6.54500		-.0474			
7.54500		-.0474			

MACH (3) = 1.100 RN/L (1) = 2.016 P = 428.61 PT = 915.21 TTF = 74.475 Q = 363.05

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0099		-.0072	.0374		.0110			.0062		-.0289	.0112
-2.51500				.0433		.0307	.0425		.0165			.0081		.0241	.0190
-1.51500				.0220		.0023	.0291		-.0174			.0311		.0331	.0105
-.51500				-.0135		-.0166	.0209		-.0159			-.0390		-.0332	-.0005
.51500	-.0342	-.0315	-.0295		-.0143			.0228		.0251	.0251		.0224		
1.51500	-.0045	-.0201	-.0123		-.0307			.0130		.0190	.0179		.0130		
2.51500	-.0291	-.0295	-.0510		-.0498			-.0025		-.0044	-.0085		-.0100		
3.51500	-.0551	-.0252	-.0600		-.0555			-.0168		-.0172	-.0210		-.0096		
4.54500				-.0512		-.0779	-.0881		-.0571			-.0498		-.0707	-.0661

OA-252 (PS0+A) SURFACE PRESS ON 90 DEG PANEL (R3TS24)

MACH (3) = 1.100 RN/L (1) = 2.016

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					-.0544		-.0681	-.0559		-.0152			-.0622	-.0413	-.0537
6.54500					-.0403		-.0128	-.0575		-.0783			-.0584	-.0239	-.0328
7.54500					-.0175		.0079	-.0226		-.0332			-.0165	-.0154	-.0169

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0312			
-2.51500		.0233			
-1.51500		.0175			
-.51500		.0077			
.51500	-.0493		-.0275	-.0213	-.0415
1.51500	-.0353		-.0264	-.0345	-.0295
2.51500	-.0353		-.0493	-.0345	-.0427
3.51500	-.0353		-.0493	-.0345	-.0337
4.54500		-.0707			
5.54500		-.0357			
6.54500		-.0634			
7.54500		-.0413			

MACH (4) = 1.247 RN/L (1) = 2.050 P = 357.88 PT = 923.69 TTF = 74.510 Q = 389.72

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0008		-.0262	.0054		-.0027			-.0097	-.0604	-.0361
-2.51500					-.0005		-.0188	-.0152		-.0313			-.0405	-.0408	-.0484
-1.51500					-.0137		-.0262	.0006		-.0507			-.0017	.0019	-.0260
-.51500					-.0324		-.0225	.0032		-.0397			-.0564	-.0372	-.0115
.51500	-.0172	-.0190	-.0241			-.0110			.0167		.0202	.0160		.0192	
1.51500	-.0020	-.0227	-.0118			-.0241			.0160		.0202	.0174		.0167	
2.51500	-.0136	-.0050	-.0241			-.0205			.0150		.0129	.0108		.0104	
3.51500	-.0419	.0024	-.0227			-.0132			.0080		.0087	.0080		.0736	
4.54500					-.0141		-.0226	-.0332		-.0160			-.0206	-.0285	-.0289
5.54500					-.0335		-.0511	-.0427		-.0072			-.0361	-.0235	-.0383
6.54500					-.0240		-.0061	-.0423		-.0621			-.0473	-.0166	-.0098
7.54500					-.0226		.0009	-.0236		-.0453			-.0177	-.0271	-.0141

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0495			
-2.51500		-.0388			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS24)

MACH (4) = 1.247 RN/L (1) = 2.050

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		-.0245			
-.51500		-.0115			
.51500	-.0275		-.0123	-.0050	-.0217
1.51500	-.0275		-.0127	-.0007	-.0036
2.51500	-.0275		-.0127	-.0007	-.0224
3.51500	-.0174		-.0275	-.0022	-.0148
4.54500		-.0415			
5.54500		-.0498			
6.54500		-.0473			
7.54500		-.0462			

MACH (5) = 1.399 RN/L (1) = 2.025 P = 294.93 PT = 936.43 TTF = 79.312 Q = 403.69

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					.0137		-.0161	.0151		.0126			.0145	-.0523	-.0229
-2.51500					.0073		-.0037	.0069		-.0122			-.0278	-.0232	-.0348
-1.51500					-.0009		-.0136	.0172		-.0338			.0156	.0142	-.0159
-.51500					-.0275		-.0172	.0083		-.0356			-.0581	-.0509	-.0099
.51500	.0017	.0031	-.0008			.0066			.0294		.0277	.0263		.0270	
1.51500	.0157	.0017	.0098			-.0053			.0260		.0253	.0260		.0246	
2.51500	.0108	.0109	-.0159			-.0127			.0233		.0199	.0165		.0158	
3.51500	-.0250	.0077	-.0211			-.0053			.0131		.0111	.0118		.0649	
4.54500					-.0034		-.0147	-.0260		-.0094			-.0113	-.0231	-.0245
5.54500					-.0161		-.0284	-.0214		.0082			-.0263	-.0078	-.0231
6.54500					-.0119		-.0013	-.0337		-.0453			-.0336	-.0089	-.0057
7.54500					-.0147		.0050	-.0193		-.0397			-.0099	-.0276	-.0162

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0393			
-2.51500		-.0302			
-1.51500		-.0187			
-.51500		.0030			
.51500	-.0176		-.0002	.0058	-.0068
1.51500	-.0092		-.0029	.0110	.0149
2.51500	-.0092		-.0022	.0103	-.0082
3.51500	-.0092		-.0176	-.0026	-.0029
4.54500		-.0322			
5.54500		-.0343			
6.54500		-.0391			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS24)

MACH (5) = 1.398 RN/L (1) = 2.025

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
7.54500	-.0423				

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS25) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.315 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.101 RN/L (1) = 2.015 P = 427.90 PT = 915.21 TTF = 74.684 Q = 363.33

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0091		-.0137	.0249		.0331			.0127		-.0285	-.0060
-2.51500				.0446		.0280	.0465		.0308			.0232		.0228	.0182
-1.51500				.0253		.0040	.0284		-.0145			.0325		.0398	.0115
-.51500				-.0130		-.0141	.0201		-.0153			-.0343		-.0308	.0003
.51500	-.0343	-.0276	-.0300		-.0183			.0246		.0276	.0254		.0227		
1.51500	-.0070	-.0163	-.0113		-.0276			.0141		.0216	.0186		.0141		
2.51500	-.0276	-.0257	-.0475		-.0491			-.0010		-.0032	-.0092		-.0085		
3.51500	-.0659	-.0253	-.0604		-.0545			-.0164		-.0160	-.0205		-.0073		
4.54500				-.0549		-.0784	-.0827		-.0518			-.0559		-.0706	-.0691
5.54500				-.0612		-.0596	-.0588		-.0326			-.0625		-.0355	-.0582
6.54500				-.0377		-.0143	-.0577		-.0675			-.0598		-.0212	-.0316
7.54500				-.0150		.0077	-.0213		-.0350			-.0135		-.0165	-.0088

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0258			
-2.51500		.0235			
-1.51500		.0220			
-.51500		.0053			
.51500	-.0539		-.0244	-.0225	-.0395
1.51500	-.0364		-.0302	-.0322	-.0337
2.51500	-.0333		-.0535	-.0322	-.0453
3.51500	-.0341		-.0535	-.0298	-.0341
4.54500		-.0648			
5.54500		-.0718			
6.54500		-.0621			
7.54500		-.0397			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS25)

MACH (2) = 1.248 RN/L (1) = 2.047 P = 357.17 PT = 922.99 TTF = 74.789 Q = 389.52

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0019		-.0224	.0119		-.0007			-.0082		-.0566	-.0290
-2.51500				-.0018		-.0165	-.0124		-.0297			-.0388		-.0366	-.0445
-1.51500				-.0073		-.0224	.0034		-.0485			.0030		.0048	-.0221
-.51500				-.0308		-.0216	.0058		-.0282			-.0446		-.0377	-.0112
.51500	-.0163	-.0163	-.0214		-.0094			.0192		.0234	.0227		.0223		
1.51500	-.0054	-.0239	-.0127		-.0243			.0192		.0230	.0206		.0178		
2.51500	-.0108	-.0028	-.0199		-.0214			.0160		.0160	.0132		.0118		
3.51500	-.0301	.0037	-.0155		.0004			.0132		.0090	.0111		.0740		
4.54500				-.0101		-.0185	-.0324		-.0141			-.0173		-.0267	-.0285
5.54500				-.0309		-.0463	-.0401		-.0039			-.0353		-.0274	-.0451
6.54500				-.0185		.0009	-.0324		-.0580			-.0451		-.0104	-.0057
7.54500				-.0148		.0049	-.0214		-.0309			-.0104		-.0202	-.0104

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0540			
-2.51500		-.0351			
-1.51500		-.0229			
-.51500		-.0050			
.51500	-.0291		-.0099	-.0052	-.0208
1.51500	-.0252		-.0117	.0010	.0010
2.51500	-.0259		-.0113	.0006	-.0200
3.51500	-.0200		-.0284	.0028	-.0059
4.54500		-.0397			
5.54500		-.0473			
6.54500		-.0476			
7.54500		-.0303			

MACH (3) = 1.398 RN/L (1) = 2.023 P = 294.93 PT = 936.43 TTF = 79.764 Q = 403.69

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0118		-.0159	.0162		.0115			.0146		-.0533	-.0246
-2.51500				.0090		-.0013	.0090		-.0084			-.0263		-.0249	-.0333
-1.51500				.0012		-.0087	.0168		-.0346			.0164		.0160	-.0113
-.51500				-.0236		-.0165	.0100		-.0342			-.0550		-.0463	-.0085
.51500	.0001	.0044	-.0041		.0093			.0296		.0303	.0279		.0279		
1.51500	.0164	.0030	.0131		-.0072			.0269		.0276	.0273		.0256		
2.51500	.0149	.0121	-.0181		-.0156			.0212		.0201	.0168		.0171		
3.51500	-.0237	.0079	-.0220		-.0009			.0161		.0130	.0117		.0634		
4.51500				-.0030		-.0139	-.0252		-.0097			-.0099		-.0242	-.0183

OA-252 (PS0+A) SURFACE PRESS ON 90 DEG PANEL (R3TS25)

MACH (3) = 1.399 RN/L (1) = 2.023

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500				-.0125		-.0273	-.0199		.0093			-.0231		-.0069	-.0214
6.54500				-.0111		.0009	-.0329		-.0484			-.0297		-.0061	-.0054
7.54500				-.0114		.0044	-.0199		-.0347			-.0099		-.0249	-.0155

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0333			
-2.51500		-.0277			
-1.51500		-.0176			
-.51500		.0104			
.51500	-.0182		.0006	.0076	-.0074
1.51500	-.0043		-.0008	.0118	.0160
2.51500	-.0036		-.0011	.0125	-.0098
3.51500	-.0036		-.0182	-.0018	-.0015
4.54500		-.0297			
5.54500		-.0367			
6.54500		-.0374			
7.54500		-.0391			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS26) (11 APR 80)

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 =	.6570				

PARAMETRIC DATA

HWALL =	1.305	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .602 RN/L (1) = 4.512 P = 2152.2 PT = 2749.2 TTF = 80.320 Q = 545.68

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0023		-.0357	.0046		.0003			-.0052		-.0511	-.0155
-2.51500					-.0101		-.0171	-.0179		-.0424			-.0395		-.0358	-.0359
-1.51500					-.0202		-.0339	.0176		-.0473			.0108		.0173	-.0085
-.51500					-.0434		-.0253	.0109		-.0344			-.0472		-.0459	.0057
.51500	-.0146	-.0259	-.0382			-.0166			.0325		.0263	.0318		.0197		
1.51500	-.0069	-.0156	-.0063			-.0295			.0152		.0197	.0202		.0142		
2.51500	-.0174	-.0068	-.0200			-.0331			.0152		.0172	.0127		.0037		
3.51500	-.0450	-.0002	-.0362			-.0269			.0120		.0022	.0157		.0167		
4.54500					-.0164		-.0305	-.0382		-.0115			-.0246		-.0348	-.0369
5.54500					-.0464		-.0420	-.0338		-.0094			-.0486		-.0230	-.0429
6.54500					-.0379		-.0020	-.0456		-.0687			-.0525		-.0084	-.0176
7.54500					-.0318		-.0030	-.0497		-.0660			-.0305		-.0486	-.0417

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0379			
-2.51500		-.0336			
-1.51500		-.0214			
-.51500		.0000			
.51500	-.0207		-.0065	.0020	-.0277
1.51500	-.0207		-.0062	.0155	.0134
2.51500	-.0212		-.0070	-.0057	-.0212
3.51500	-.0044		-.0207	-.0057	-.0091
4.54500		-.0520			
5.54500		-.0594			
6.54500		-.0566			
7.54500		-.0686			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS26)

MACH (2) = .802 RN/L (1) = 4.630 P = 1599.1 PT = 2441.5 TTF = 92.826 Q = 719.23

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0012		-.0236	.0113		.0046			-.0008		-.0411	-.0120
-2.51500				-.0009		-.0125	-.0190		-.0253			-.0253		-.0294	-.0284
-1.51500				-.0074		-.0331	.0107		-.0386			.0180		.0154	-.0041
-.51500				-.0261		-.0102	.0145		-.0217			-.0284		-.0294	.0058
.51500	-.0110	-.0122	-.0204		-.0130			.0345		.0324	.0263		.0255		
1.51500	.0042	-.0065	-.0065		-.0087			.0225		.0255	.0285		.0267		
2.51500	-.0022	.0023	-.0200		-.0304			.0233		.0200	.0240		.0187		
3.51500	-.0271	.0046	-.0218		-.0122			.0278		.0200	.0149		-.0099		
4.54500				-.0068		-.0128	-.0204		-.0003			-.0100		-.0178	-.0239
5.54500				-.0301		-.0259	-.0171		.0032			-.0342		-.0093	-.0227
6.54500				-.0233		.0075	-.0426		-.0559			-.0445		-.0013	-.0151
7.54500				-.0169		.0022	-.0278		-.0563			-.0217		-.0420	-.0248

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0259			
-2.51500		-.0223			
-1.51500		-.0093			
-.51500		.0103			
.51500	-.0138		.0090	.0086	-.0097
1.51500	-.0130		.0088	.0088	.0196
2.51500	-.0136		-.0136	-.0091	-.0091
3.51500	.0102		-.0136	-.0093	-.0012
4.54500		-.0295			
5.54500		-.0355			
6.54500		-.0425			
7.54500		-.0529			

MACH (3) = .901 RN/L (1) = 4.385 P = 1317.6 PT = 2230.0 TTF = 99.345 Q = 748.08

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0013		-.0277	.0123		.0085			-.0048		-.0475	-.0067
-2.51500				.0054		-.0093	-.0075		-.0234			-.0195		-.0234	-.0257
-1.51500				-.0055		-.0275	.0101		-.0313			.0221		.0202	-.0088
-.51500				-.0319		-.0084	.0173		-.0256			-.0338		-.0270	.0087
.51500	-.0146	-.0172	-.0221		-.0108			.0323		.0279	.0321		.0285		
1.51500	.0080	-.0051	.0014		-.0078			.0248		.0308	.0279		.0283		
2.51500	-.0022	.0035	-.0155		-.0202			.0232		.0226	.0199		.0208		
3.51500	-.0326	.0059	-.0148		-.0127			.0215		.0171	.0191		.0305		
4.54500				-.0066		-.0141	-.0177		.0009			-.0102		-.0208	-.0193

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS26)

MACH (3) = .901 RN/L (1) = 4.385

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					-.0265		-.0270	-.0145		.0055			-.0313	-.0109	-.0180
6.54500					-.0188		.0059	-.0323		-.0503			-.0356	-.0006	-.0040
7.54500					-.0214		.0048	-.0196		-.0561			-.0216	-.0328	-.0186

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0233			
-2.51500		-.0214			
-1.51500		.0003			
-.51500		.0067			
.51500	-.0172		.0066	.0100	-.0165
1.51500	-.0029		.0058	.0208	.0244
2.51500	.0056		-.0121	-.0093	-.0049
3.51500	.0055		-.0119	-.0093	.0039
4.54500		-.0367			
5.54500		-.0371			
6.54500		-.0359			
7.54500		-.0431			

MACH (4) = 1.050 RN/L (1) = 4.545 P = 1075.1 PT = 2159.3 TTF = 89.819 Q = 829.62

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0441		-.0762	-.0283		-.0314			-.0385	-.1030	-.0504
-2.51500					-.0301		-.0326	-.0291		-.0438			-.0729	-.0580	-.0548
-1.51500					-.0281		-.0289	.0157		-.0470			.0007	.0315	.0035
-.51500					-.0276		-.0241	.0221		-.0172			-.0307	-.0324	.0083
.51500	-.0123	-.0028	-.0150			-.0007			.0440		.0460	.0483		.0467	
1.51500	.0094	-.0058	.0079			-.0038			.0365		.0445	.0434		.0384	
2.51500	-.0058	.0077	-.0177			-.0191			.0307		.0310	.0285		.0285	
3.51500	-.0347	.0132	-.0192			-.0109			.0254		.0233	.0256		.0452	
4.54500					-.0115		-.0209	-.0272		-.0028			-.0077	-.0232	-.0262
5.54500					-.0358		-.0334	-.0241		.0088			-.0348	-.0147	-.0341
6.54500					-.0297		-.0012	-.0395		-.0640			-.0459	-.0033	-.0019
7.54500					-.0199		.0044	-.0277		-.0409			-.0173	-.0340	-.0149

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0655			
-2.51500		-.0477			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS26)

MACH (4) = 1.050 RN/L (1) = 4.545

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		.0041			
-.51500		.0175			
.51500	-.0212		.0127	.0191	-.0093
1.51500	.0061		.0120	.0169	.0188
2.51500	.0044		-.0178	.0002	-.0066
3.51500	.0100		-.0231	-.0104	.0066
4.54500		-.0389			
5.54500		-.0373			
6.54500		-.0439			
7.54500		-.0380			

MACH (5) = 1.101 RN/L (1) = 4.582 P = 1017.1 PT = 2173.4 TTF = 92.722 Q = 862.49

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					.0157		-.0022	.0399		.0051			.0206	-.0168	.0136
-2.51500					.0387		.0284	.0327		.0178			.0170	.0189	.0142
-1.51500					.0116		-.0091	.0314		-.0221			.0405	.0462	.0149
-.51500					-.0346		-.0213	.0171		-.0330			-.0399	-.0326	.0070
.51500	-.0272	-.0298	-.0395			-.0194			.0408		.0403	.0405		.0367	
1.51500	-.0003	-.0175	-.0080			-.0194			.0273		.0365	.0332		.0276	
2.51500	-.0225	-.0178	-.0484			-.0512			.0141		.0143	.0092		.0076	
3.51500	-.0655	-.0199	-.0587			-.0510			.0051		.0032	.0048		-.0260	
4.54500					-.0383		-.0617	-.0625		-.0351			-.0327	-.0550	-.0527
5.54500					-.0541		-.0510	-.0400		-.0070			-.0447	-.0340	-.0556
6.54500					-.0208		.0140	-.0198		-.0547			-.0342	.0161	.0109
7.54500					-.0177		.0130	-.0198		-.0426			-.0068	-.0235	-.0063

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0187			
-2.51500		.0204			
-1.51500		.0220			
-.51500		.0132			
.51500	-.0555		-.0138	-.0063	-.0366
1.51500	-.0245		-.0136	-.0079	-.0089
2.51500	-.0242		-.0312	-.0322	-.0239
3.51500	-.0245		-.0415	-.0323	-.0131
4.54500		-.0567			
5.54500		-.0572			
6.54500		-.0290			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS26)

MACH (5) = 1.101 RN/L (1) = 4.582

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
7.54500		-.0283			

MACH (6) = 1.248 RN/L (1) = 4.465 P = 822.55 PT = 2126.1 TTF = 97.347 Q = 897.28

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0016		-.0241	.0174		.0067			-.0050		-.0608	-.0252
-2.51500				.0016		-.0108	-.0083		-.0287			-.0367		-.0316	-.0381
-1.51500				-.0077		-.0249	.0154		-.0386			.0159		.0201	-.0105
-.51500				-.0388		-.0172	.0137		-.0337			-.0404		-.0379	.0010
.51500	-.0184	-.0176	-.0330		-.0149			.0313		.0331	.0320		.0328		
1.51500	-.0089	-.0275	-.0173		-.0293			.0249		.0285	.0297		.0299		
2.51500	-.0141	.0017	-.0228		-.0235			.0221		.0233	.0209		.0213		
3.51500	-.0458	.0049	-.0228		-.0074			.0198		.0197	.0191		.0476		
4.54500				-.0069		-.0239	-.0272		-.0078			-.0128		-.0300	-.0294
5.54500				-.0437		-.0504	-.0421		-.0045			-.0484		-.0323	-.0518
6.54500				-.0232		0131	-.0221		-.0481			-.0375		.0068	.0075
7.54500				-.0183		.0171	-.0139		-.0373			-.0122		-.0226	-.0130

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0353			
-2.51500		-.0241			
-1.51500		-.0028			
-.51500		.0076			
.51500	-.0176		.0081	.0106	-.0060
1.51500	-.0049		.0085	.0150	.0201
2.51500	-.0144		-.0110	-.0072	-.0107
3.51500	.0075		-.0180	-.0075	.0006
4.54500		-.0415			
5.54500		-.0481			
6.54500		-.0362			
7.54500		-.0294			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS26)

MACH (7) = 1.392 RN/L (1) = 4.420 P = 682.52 PT = 2146.6 TTF = 100.00 Q = 925.20

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0157		-.0397	-.0043		-.0116			-.0048		-.0663	-.0426
-2.51500				-.0111		-.0279	-.0206		-.0524			-.0563		-.0541	-.0581
-1.51500				-.0302		-.0421	-.0047		-.0652			.0013		.0120	-.0283
-.51500				-.0539		-.0347	.0018		-.0489			-.0713		-.0628	-.0151
.51500	-.0215	-.0256	-.0230		-.0102			.0222		.0224	.0215		.0216		
1.51500	-.0041	-.0221	-.0148		-.0351			.0191		.0206	.0203		.0187		
2.51500	-.0230	-.0157	-.0395		-.0392			.0150		.0144	.0129		.0122		
3.51500	-.0462	-.0041	-.0392		-.0236			.0100		.0102	.0114		.0116		
4.54500				-.0201		-.0329	-.0375		-.0152			-.0248		-.0405	-.0422
5.54500				-.0354		-.0378	-.0302		.0044			-.0421		-.0184	-.0359
6.54500				-.0316		-.0023	-.0395		-.0757			-.0542		-.0048	-.0069
7.54500				-.0297		-.0011	-.0343		-.0548			-.0228		-.0505	-.0315

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0537			
-2.51500		-.0359			
-1.51500		-.0212			
-.51500		-.0039			
.51500	-.0413		-.0132	.0069	-.0093
1.51500	-.0172		-.0132	.0014	.0081
2.51500	-.0035		-.0276	-.0216	-.0306
3.51500	-.0035		-.0274	-.0266	-.0145
4.54500		-.0537			
5.54500		-.0465			
6.54500		-.0580			
7.54500		-.0511			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS27) (11 APR 80)

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 = .6570

PARAMETRIC DATA

HWALL = 1.397 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.099 RN/L (1) = 4.574 P = 1018.5 PT = 2172.0 TTF = 93.068 Q = 861.11

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0277		.0121	.0541		.0434			.0415		-.0003	.0206
-2.51500				.0375		.0237	.0286		.0162			.0160		.0088	.0020
-1.51500				.0091		-.0095	.0274		-.0299			.0376		.0431	.0118
-.51500				-.0378		-.0234	.0153		-.0302			-.0407		-.0362	.0023
.51500	-.0297	-.0330	-.0387		-.0248			.0407		.0410	.0388		.0363		
1.51500	-.0007	-.0119	-.0083		-.0183			.0281		.0383	.0320		.0270		
2.51500	-.0256	-.0207	-.0495		-.0561			.0134		.0146	.0092		.0070		
3.51500	-.0692	-.0193	-.0607		-.0508			.0045		.0037	.0035		-.0254		
4.54500				-.0342		-.0531	-.0548		-.0301			-.0327		-.0502	-.0527
5.54500				-.0609		-.0366	-.0272		-.0098			-.0579		-.0119	-.0346
6.54500				-.0134		.0151	-.0218		-.0435			-.0293		.0111	.0085
7.54500				-.0182		.0078	-.0127		-.0371			-.0051		-.0252	-.0061

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0023			
-2.51500		.0137			
-1.51500		.0229			
-.51500		.0079			
.51500	-.0432		-.0161	-.0092	-.0378
1.51500	-.0278		-.0164	-.0076	-.0033
2.51500	-.0275		-.0420	-.0340	-.0236
3.51500	-.0275		-.0432	-.0334	-.0154
4.54500		-.0567			
5.54500		-.0645			
6.54500		-.0282			
7.54500		-.0269			

OA-252 (P90*A) SURFACE PRESS ON 90 DEG PANEL (R3TS27)

MACH (2) = 1.395 RN/L (1) = 4.364 P = 673.69 PT = 2146.6 TTF = 105.23 Q = 925.28

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0136		-.0376	-.0016		-.0111			-.0065		-.0599	-.0351
-2.51500				-.0076		-.0272	-.0274		-.0452			-.0526		-.0555	-.0579
-1.51500				-.0274		-.0394	-.0016		-.0555			.0066		.0084	-.0225
-.51500				-.0537		-.0300	.0033		-.0502			-.0542		-.0599	-.0142
.51500	-.0274	-.0203	-.0250		-.0059			.0216		.0235	.0235		.0225		
1.51500	-.0014	-.0183	-.0142		-.0296			.0179		.0211	.0211		.0205		
2.51500	-.0157	-.0157	-.0322		-.0363			.0155		.0149	.0136		.0137		
3.51500	-.0347	.0040	-.0364		-.0241			.0130		.0111	.0116		.0294		
4.54500				-.0236		-.0314	-.0394		-.0149			-.0267		-.0370	-.0423
5.54500				-.0362		-.0437	-.0311		.0069			-.0418		-.0194	-.0392
6.54500				-.0257		.0008	-.0411		-.0712			-.0500		-.0016	-.0046
7.54500				-.0279		.0026	-.0314		-.0518			-.0279		-.0509	-.0294

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0572			
-2.51500		-.0362			
-1.51500		-.0170			
-.51500		-.0069			
.51500	-.0436		-.0008	.0107	-.0100
1.51500	-.0170		-.0091	.0064	.0113
2.51500	-.0167		-.0277	-.0231	-.0266
3.51500	-.0027		-.0277	-.0240	-.0166
4.54500		-.0455			
5.54500		-.0411			
6.54500		-.0491			
7.54500		-.0582			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3T528) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.272 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 6.045 P = 2952.1 PT = 3766.2 TTF = 89.057 Q = 744.52

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0221		-.0410	-.0122		-.0085			-.0205		-.0623	-.0347
-2.51500				-.0136		-.0264	-.0283		-.0414			-.0419		-.0358	-.0492
-1.51500				-.0226		-.0429	.0006		-.0550			.0118		.0155	-.0239
-.51500				-.0512		-.0312	.0063		-.0493			-.0513		-.0485	-.0058
.51500	-.1119	-.1089	-.1229		-.0488			.0219		.0238	.0146		.0201		
1.51500	-.0835	-.1014	-.0957		-.1025			.0190		.0208	.0216		.0249		
2.51500	-.0150	-.0938	-.1152		-.1184			.0146		.0107	.0122		.0098		
3.51500	-.0552	-.0885	-.1150		-.1140			.0142		.0107	.0080		-.0178		
4.54500				-.0283		-.0321	-.0394		-.0194			-.0303		-.0402	-.0363
5.54500				-.0483		-.0515	-.0436		-.0010			-.0495		-.0282	-.0451
6.54500				-.0404		-.0078	-.0518		-.0741			-.0596		-.0098	-.0190
7.54500				-.0475		-.0127	-.0483		-.0777			-.0442		-.0585	-.0397

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0479			
-2.51500		-.0332			
-1.51500		-.0217			
-.51500		-.0086			
.51500	-.0417		-.0084	.0015	-.0243
1.51500	-.0201		-.0084	-.0123	.0212
2.51500	-.0212		-.0120	-.0231	-.0209
3.51500	-.0061		-.0243	-.0235	-.0137
4.54500		-.0449			
5.54500		-.0510			
6.54500		-.0639			
7.54500		-.0716			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS28)

MACH (2) = .899 RN/L (1) = 5.868 P = 1789.0 PT = 3019.3 TTF = 104.02 Q = 1010.5

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0142		-.0406	.0050		-.0047			-.0070		-.0624	-.0183
-2.51500				-.0097		-.0201	-.0216		-.0364			-.0395		-.0385	-.0396
-1.51500				-.0207		-.0392	.0050		-.0532			.0121		.0192	-.0201
-.51500				-.0468		-.0230	.0111		-.0361			-.0545		-.0354	-.0017
.51500	-.0243	-.0280	-.0286		-.0194			.0338		.0279	.0349		.0287		
1.51500	-.0002	-.0127	-.0002		-.0179			.0237		.0273	.0273		.0233		
2.51500	-.0127	-.0059	-.0280		-.0330			.0208		.0200	.0197		.0187		
3.51500	-.0452	.0054	-.0280		-.0186			.0170		.0178	.0180		.0360		
4.54500				-.0167		-.0250	-.0271		-.0087			-.0168		-.0326	-.0232
5.54500				-.0407		-.0399	-.0235		.0080			-.0426		-.0193	-.0248
6.54500				-.0325		-.0013	-.0499		-.0674			-.0557		-.0040	-.0118
7.54500				-.0349		-.0019	-.0370		-.0598			-.0347		-.0484	-.0326

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0382			
-2.51500		-.0375			
-1.51500		-.0124			
-.51500		.0023			
.51500	-.0276		.0003	.0073	-.0271
1.51500	-.0128		.0003	.0048	.0260
2.51500	-.0114		-.0197	-.0173	-.0165
3.51500	.0004		-.0195	-.0170	.0017
4.54500		-.0414			
5.54500		-.0478			
6.54500		-.0529			
7.54500		-.0521			

MACH (3) = 1.102 RN/L (1) = 5.957 P = 1323.3 PT = 2832.6 TTF = 93.793 Q = 1124.9

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0114		-.0426	.0302		-.0080			-.0093		-.0647	-.0159
-2.51500				.0478		.0392	.0391		.0258			.0246		.0356	.0105
-1.51500				.0195		-.0021	.0419		-.0173			.0496		.0532	.0142
-.51500				-.0375		-.0205	.0258		-.0295			-.0412		-.0317	.0096
.51500	-.0291	-.0288	-.0393		-.0153			.0436		.0436	.0436		.0403		
1.51500	-.0092	-.0238	-.0040		-.0265			.0308		.0400	.0379		.0327		
2.51500	-.0176	-.0132	-.0451		-.0446			.0173		.0185	.0137		.0117		
3.51500	-.0659	-.0143	-.0541		-.0516			.0061		.0059	.0069		.0035		
4.54500				-.0408		-.0642	-.0646		-.0368			-.0422		-.0567	-.0515

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS28)

MACH (3) = 1.102 RN/L (1) = 5.957

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500				-.0565		-.0486	-.0267		.0016			-.0520		-.0291	-.0470
6.54500				-.0415		-.0108	-.0297		-.0702			-.0550		-.0030	.0112
7.54500				-.0238		.0067	-.0257		-.0465			-.0148		-.0365	-.0210

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0224			
-2.51500		.0216			
-1.51500		.0261			
-.51500		.0186			
.51500	-.0418		-.0089	-.0026	-.0239
1.51500	-.0248		-.0286	-.0069	-.0088
2.51500	-.0161		-.0449	-.0338	-.0249
3.51500	-.0158		-.0446	-.0203	-.0113
4.54500		-.0581			
5.54500		-.0567			
6.54500		-.0489			
7.54500		-.0398			

MACH (4) = 1.249 RN/L (1) = 5.960 P = 1106.2 PT = 2862.3 TTF = 100.89 Q = 1208.3

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0004		-.0206	.0137		-.0006			-.0086		-.0576	-.0215
-2.51500				-.0020		-.0151	-.0170		-.0264			-.0359		-.0425	-.0541
-1.51500				-.0122		-.0346	.0086		-.0453			.0142		.0180	-.0121
-.51500				-.0453		-.0245	.0028		-.0416			-.0430		-.0354	-.0012
.51500	-.0146	-.0252	-.0231		-.0113			.0283		.0281	.0274		.0258		
1.51500	.0043	-.0092	-.0039		-.0162			.0251		.0265	.0260		.0242		
2.51500	-.0195	-.0139	-.0353		-.0388			.0220		.0216	.0223		.0186		
3.51500	-.0367	.0101	-.0285		-.0115			.0203		.0185	.0179		.0179		
4.54500				.0081		-.0140	-.0175		.0021			.0016		-.0189	-.0143
5.54500				-.0262		-.0305	-.0248		.0091			-.0407		-.0137	-.0318
6.54500				-.0291		-.0025	-.0451		-.0625			-.0497		-.0064	-.0043
7.54500				-.0089		.0228	-.0189		-.0432			.0006		-.0356	-.0240

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0451			
-2.51500		-.0343			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS28)

MACH (4) = 1.249 RN/L (1) = 5.960

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		-.0106			
-.51500		.0014			
.51500	-.0169		.0037	.0055	-.0190
1.51500	-.0039		.0001	.0193	.0188
2.51500	.0113		-.0320	-.0172	-.0121
3.51500	.0069		-.0255	-.0019	-.0072
4.54500		-.0337			
5.54500		-.0420			
6.54500		-.0399			
7.54500		-.0431			

OA-252 (P90+A) SURFACE PRESS ON 90 DEG PANEL (R3TS29) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.415 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.101 RN/L (1) = 5.936 P = 1324.7 PT = 2831.9 TTF = 95.105 Q = 1124.0

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0065		-.0072	.0270		.0052			.0020		-.0153	-.0105
-2.51500				.0433		.0355	.0359		.0208			.0186		.0280	.0194
-1.51500				.0167		-.0037	.0406		-.0242			.0448		.0512	.0130
-.51500				-.0372		-.0222	.0217		-.0323			-.0387		-.0326	.0062
.51500	-.0310	-.0334	-.0364		-.0172			.0425		.0448	.0426		.0407		
1.51500	-.0039	-.0232	-.0094		-.0269			.0294		.0382	.0358		.0318		
2.51500	-.0198	-.0189	-.0444		-.0507			.0170		.0171	.0121		.0107		
3.51500	-.0639	-.0172	-.0559		-.0529			.0085		.0051	.0049		.0063		
4.54500				-.0418		-.0576	-.0673		-.0327			-.0378		-.0531	-.0514
5.54500				-.0588		-.0532	-.0367		.0006			-.0540		-.0312	-.0522
6.54500				-.0323		.0154	-.0263		-.0808			-.0413		.0165	.0101
7.54500				-.0251		.0093	-.0270		-.0519			-.0133		-.0272	-.0140

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0301			
-2.51500		.0198			
-1.51500		.0228			
-.51500		.0159			
.51500	-.0508		-.0183	-.0002	-.0284
1.51500	-.0230		-.0285	-.0076	-.0099
2.51500	-.0228		-.0511	-.0405	-.0234
3.51500	-.0229		-.0508	-.0233	-.0120
4.54500		-.0596			
5.54500		-.0674			
6.54500		-.0407			
7.54500		-.0432			

OA-252 (PS04S) SURFACE PRESS ON 90 DEG PANEL (R3TS30) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .597 RN/L (1) = 2.010 P = 948.45 PT = 1207.3 TTF = 72.315 Q = 236.94

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0096		-.0191	.0072		.0054			.0110		-.0258	-.0246
-2.51500				.0137		.0048	-.0060		-.0149			-.0353		-.0199	-.0288
-1.51500				.0096		.0113	.0245		-.0137			.0110		.0044	-.0128
-.51500				.0185		.0257	.0681		.0113			-.0246		-.0585	-.0056
.51500	-.0092	-.0080	-.0140		.0365			.0423		.0089	-.0038		-.0205		
1.51500	.0039	-.0116	.0044		-.0045			.0008		-.0625	-.0904		-.0393		
2.51500	-.0036	-.0258	-.0430		-.0448			-.0153		-.0769	-.0360		.0181		
3.51500	-.0650	-.0051	-.0519		-.0792			.0273		.0095	.0849		.1137		
4.54500				-.0331		-.0568	-.0545		-.0527			-.0280		-.0475	-.0392
5.54500				-.0349		-.0586	-.0379		-.0053			-.0174		-.0280	-.0427
6.54500				-.0237		-.0201	-.0302		-.0290			-.0032		-.0374	-.0115
7.54500				-.0254		.0089	-.0290		-.0414			-.0245		-.0363	-.0203

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0472			
-2.51500		-.0246			
-1.51500		-.0140			
-.51500		-.0116			
.51500	-.0172		-.0172	-.0113	-.0184
1.51500	-.0178		-.0161	.0018	.0089
2.51500	-.0165		-.0178	.0018	-.0256
3.51500	.0130		-.0172	.0006	-.0101
4.54500		-.0315			
5.54500		-.0280			
6.54500		-.0392			
7.54500		-.0315			

OA-252 (PS0+S) SURFACE PRESS ON 90 DEG PANEL (R3TS30)

MACH (2) = .900 RN/L (1) = 1.998 P = 568.65 PT = 961.89 TTF = 76.112 Q = 322.49

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0069		-.0063	.0192		.0153			.0192		-.0156	-.0139
-2.51500				.0153		.0144	.0065		-.0036			-.0235		-.0099	-.0130
-1.51500				.0104		.0170	.0267		-.0047			.0214		.0219	-.0069
-.51500				.0135		.0227	.0688		.0170			-.0073		-.0409	.0027
.51500	-.0012	.0062	.0010		.0351			.0422		.0320	.0050		-.0073		
1.51500	.0124	.0019	.0105		-.0016			.0113		-.0415	-.0529		-.0356		
2.51500	-.0099	-.0155	-.0378		-.0405			-.0132		-.0525	-.0288		.0092		
3.51500	-.0466	-.0060	-.0479		-.0575			.0371		.0308	.0687		.1052		
4.54500				-.0368		-.0595	-.0695		-.0621			-.0421		-.0569	-.0387
5.54500				-.0386		-.0569	-.0425		-.0102			-.0248		-.0235	-.0417
6.54500				-.0259		-.0159	-.0325		-.0251			-.0023		-.0309	-.0066
7.54500				-.0146		.0111	-.0194		-.0281			-.0149		-.0274	-.0075

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0261			
-2.51500		-.0187			
-1.51500		-.0038			
-.51500		.0009			
.51500	-.0152		-.0012	-.0008	-.0121
1.51500	-.0191		-.0016	.0053	.0158
2.51500	-.0191		-.0008	.0049	-.0208
3.51500	-.0034		-.0016	.0101	-.0091
4.54500		-.0309			
5.54500		-.0348			
6.54500		-.0393			
7.54500		-.0227			

MACH (3) = 1.255 RN/L (1) = 2.044 P = 350.81 PT = 915.21 TTF = 71.826 Q = 386.96

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0082		-.0199	.0117		.0051			.0092		-.0260	-.0194
-2.51500				.0029		-.0057	-.0082		-.0203			-.0350		-.0212	-.0216
-1.51500				-.0118		-.0078	.0058		-.0177			.0086		.0165	-.0071
-.51500				-.0155		-.0052	.0378		.0113			.0173		.0046	.0253
.51500	-.0023	-.0016	.0014		.0240			.0363		.0504	.0599		.0641		
1.51500	.0072	.0021	.0222		.0050			.0028		-.0015	.0133		.0356		
2.51500	.0222	.0209	.0240		.0182			.0204		.0091	.0017		.0183		
3.51500	.0435	.0905	.0667		.0755			.0920		.0930	.0779		.0620		
4.54500				.1466		.1408	.1342		.1473			.1479		.1290	.1359

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS30)

MACH (3) = 1.255 RN/L (1) = 2.044

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500				.1481		.1335	.1309		.1641			.1562		.1508	.1410
6.54500				.1269		.1295	.1058		.1211			.1385		.1236	.1348
7.54500				.0934		.1174	.0854		.0752			.0943		.0784	.1012

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0340			
-2.51500		-.0234			
-1.51500		-.0049			
-.51500		.0082			
.51500	.0310		.0571	.0200	.0055
1.51500	.0310		.0302	.0284	.0266
2.51500	.0310		.0299	.0288	.0059
3.51500	.0310		.0135	.0280	.0404
4.54500		.1290			
5.54500		.1471			
6.54500		.1229			
7.54500		.0928			

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS31) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .601 RN/L (1) = 4.600 P = 2176.3 PT = 2777.4 TTF = 75.973 Q = 549.74

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0295		-.0462	-.0078		-.0091			.0089		-.0511	-.0511
-2.51500				-.0147		-.0185	-.0229		-.0433			-.0703		-.0455	-.0473
-1.51500				-.0198		-.0206	-.0006		-.0341			.0010		-.0087	-.0498
-.51500				-.0211		.0040	.0577		-.0149			-.0417		-.0779	-.0322
.51500	-.0194	-.0316	-.0148		.0370			.0494		.0080	-.0077		-.0149		
1.51500	-.0018	-.0349	.0089		-.0176			.0018		-.0802	-.0663		-.0474		
2.51500	-.0196	-.0490	-.0684		-.0735			-.0129		-.0750	-.0494		.0174		
3.51500	-.0617	-.0082	-.0643		-.1005			.0340		.0306	.1023		.1180		
4.54500				-.0461		-.0716	-.0533		-.0571			-.0321		-.0478	-.0402
5.54500				-.0533		-.0676	-.0214		-.0127			-.0326		-.0438	-.0272
6.54500				-.0374		-.0260	-.0308		-.0356			-.0059		-.0578	-.0104
7.54500				-.0303		.0154	-.0185		-.0471			-.0219		-.0537	-.0117

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0547			
-2.51500		-.0358			
-1.51500		-.0199			
-.51500		-.0233			
.51500	-.0285		-.0206	-.0070	-.0254
1.51500	-.0300		-.0277	-.0108	.0117
2.51500	-.0303		-.0288	-.0121	-.0326
3.51500	.0058		-.0288	-.0147	-.0229
4.54500		-.0257			
5.54500		-.0382			
6.54500		-.0438			
7.54500		-.0359			

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS31)

MACH (2) = .799 RN/L (1) = 4.529 P = 1514.3 PT = 2305.0 TTF = 77.086 Q = 675.93

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0027		-.0193	.0032		.0114			.0048		-.0469	-.0471
-2.51500				-.0070		-.0181	.0158		-.0058			-.0463		-.0409	-.0448
-1.51500				.0022		.0240	.0281		.0154			.0102		.0050	-.0297
-.51500				-.0160		.0514	.0502		.0214			.0038		-.0750	-.0280
.51500	-.0157	-.0150	-.0073		.0414			.0497		.0340	.0101		-.0064		
1.51500	.0064	-.0296	.0095		-.0182			.0101		-.0524	-.0546		-.0427		
2.51500	-.0207	-.0419	-.0567		-.0685			-.0088		-.0548	-.0282		.0073		
3.51500	-.0481	-.0090	-.0677		-.0775			.0344		.0420	.0969		.1106		
4.54500				-.0357		-.0635	-.0556		-.0415			-.0271		-.0445	-.0348
5.54500				-.0477		-.0548	-.0349		-.0116			-.0271		-.0209	-.0365
6.54500				-.0301		-.0085	-.0324		-.0301			.0000		-.0292	-.0104
7.54500				-.0203		.0241	-.0133		-.0382			-.0201		-.0433	-.0125

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0417			
-2.51500		-.0411			
-1.51500		-.0249			
-.51500		-.0251			
.51500	-.0239		-.0003	.0024	-.0116
1.51500	-.0232		-.0074	-.0095	.0073
2.51500	.0067		-.0116	-.0257	-.0297
3.51500	.0067		-.0232	-.0259	-.0116
4.54500		-.0170			
5.54500		-.0363			
6.54500		-.0358			
7.54500		-.0236			

MACH (3) = .902 RN/L (1) = 4.506 P = 1322.6 PT = 2240.6 TTF = 89.922 Q = 752.42

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0155		-.0344	.0071		.0037			.0220		-.0377	-.0368
-2.51500				.0013		-.0144	-.0067		-.0267			-.0422		-.0392	-.0304
-1.51500				-.0023		-.0045	.0099		-.0226			.0193		.0141	-.0347
-.51500				-.0062		.0050	.0547		-.0015			-.0228		-.0586	-.0073
.51500	-.0084	-.0092	-.0076		.0265			.0584		.0292	.0129		-.0019		
1.51500	.0036	-.0293	.0081		-.0128			.0136		-.0494	-.0521		-.0360		
2.51500	-.0139	-.0452	-.0576		-.0539			-.0106		-.0606	-.0375		.0075		
3.51500	-.0688	-.0083	-.0757		-.0775			.0307		.0345	.0837		.1098		
4.54500				-.0506		-.0685	-.0830		-.0636			-.0451		-.0621	-.0577

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS31)

MACH (3) = .902 RN/L (1) = 4.506

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500				-.0547		-.0782	-.0541		-.0172				-.0280	-.0356	-.0512
6.54500				-.0364		-.0205	-.0420		-.0351				-.0058	-.0365	-.0191
7.54500				-.0256		.0184	-.0252		-.0349				-.0223	-.0362	-.0151

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0317			
-2.51500		-.0259			
-1.51500		-.0034			
-.51500		-.0075			
.51500	-.0245		.0016	-.0025	-.0103
1.51500	-.0245		-.0155	.0065	.0169
2.51500	-.0248		-.0323	-.0301	-.0247
3.51500	.0054		-.0306	-.0302	-.0166
4.54500		-.0371			
5.54500		-.0373			
6.54500		-.0399			
7.54500		-.0273			

MACH (4) = 1.048 RN/L (1) = 4.554 P = 1039.0 PT = 2081.5 TTF = 73.709 Q = 798.53

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.2540		.2416	.2792		.2771				.2830	.2331	.2463
-2.51500				.2735		.2711	.2702		.2517				.2442	.2421	.2437
-1.51500				.2840		.2828	.2987		.2675				.2904	.2895	.2532
-.51500				.2948		.2994	.3357		.2913				.2856	.2389	.2761
.51500	.2810	.2755	.2902		.3162			.3329		.3025	.2941		.2844		
1.51500	.2958	.2747	.2977		.2812			.2970		.2483	.2486		.2672		
2.51500	.2875	.2725	.2592		.2458			.2852		.2534	.2732		.3015		
3.51500	.2574	.2916	.2525		.2423			.3225		.3083	.3530		.3699		
4.54500				.2738		.2626	.2752		.2816				.2840	.2724	.2787
5.54500				.2766		.2684	.2881		.3073				.2992	.2973	.2803
6.54500				.2976		.3101	.2986		.2960				.3213	.2941	.3115
7.54500				.3171		.3347	.3169		.3020				.3171	.2992	.3073

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.2421			
-2.51500		.2504			

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS31)

MACH (4) = 1.048 RN/L (1) = 4.554

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		.2661			
-.51500		.2706			
.51500	.2807		.2826	.2787	.2750
1.51500	.2801		.2722	.2949	.2979
2.51500	.2791		.2722	.2951	.2895
3.51500	.3075		.2731	.2859	.3004
4.54500		.2929			
5.54500		.2782			
6.54500		.2933			
7.54500		.3003			

MACH (5) = 1.102 RN/L (1) = 4.585 P = 964.72 PT = 2063.8 TTF = 71.164 Q = 819.40

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500						.0027		-.0168	.0200		.0233			.0358	-.0219	-.0099
-2.51500						-.0111		-.0051	-.0059		-.0188			-.0382	-.0241	-.0226
-1.51500						.0351		.0401	.0512		.0129			.0418	.0471	-.0078
-.51500						.1035		.1094	.1532		.1052			.0812	.0298	.0605
.51500	.1053	.1087	.1173		.1489					.1508		.1311	.1234		.0956	
1.51500	.1224	.0972	.1298		.1101					.1146		.0546	.0498		.0781	
2.51500	.0941	.0735	.0664		.0590					.0999		.0600	.0781		.1341	
3.51500	.0331	.0774	.0263		.0279					.1416		.1299	.1814		.1964	
4.54500						.0173		.0012	-.0023		.0173			.0256	.0021	.0065
5.54500						-.0102		-.0367	-.0156		.0185			-.0006	-.0054	-.0385
6.54500						-.0194		-.0143	-.0359		-.0453			-.0136	-.0486	-.0121
7.54500						-.0348		.0108	-.0401		-.0672			-.0380	-.0564	-.0308

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0262			
-2.51500		-.0143			
-1.51500		.0020			
-.51500		.0587			
.51500	.0750		.0977	.0985	.0844
1.51500	.0753		.0977	.1100	.1095
2.51500	.1140		.0975	.0831	.0853
3.51500	.1386		.0860	.0838	.0793
4.54500		.0277			
5.54500		-.0150			
6.54500		-.0411			

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS31)

MACH (5) = 1.102 RN/L (1) = 4.585

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
7.54500	-.0353				

MACH (6) = 1.251 RN/L (1) = 4.525 P = 800.63 PT = 2078.0 TTF = 82.195 Q = 877.71

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0242		-.0418	-.0047		-.0138			.0022		-.0522	-.0442
-2.51500				-.0225		-.0294	-.0299		-.0518			-.0650		-.0481	-.0538
-1.51500				-.0397		-.0356	-.0176		-.0603			-.0169		-.0010	-.0308
-.51500				-.0383		-.0234	.0346		-.0113			-.0263		-.0458	-.0129
.51500	-.0100	-.0188	-.0127		.0283			.0637		.0554	.0433		.0233		
1.51500	-.0012	-.0117	.0247		-.0012			.0270		-.0016	-.0141		-.0109		
2.51500	-.0196	-.0146	-.0316		-.0289			-.0021		-.0164	-.0053		.0198		
3.51500	.0097	.0448	.0022		-.0031			.0602		.0736	.0941		.0892		
4.54500				.1379		.1200	.1129		.1321			.1527		.1250	.1368
5.54500				.1465		.1257	.1368		.1609			.1458		.1396	.1298
6.54500				.1214		.1305	.1075		.1201			.1314		.1090	.1248
7.54500				.0905		.1224	.0793		.0652			.0831		.0589	.0807

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0538			
-2.51500		-.0466			
-1.51500		-.0181			
-.51500		-.0135			
.51500	.0549		.0154	.0076	-.0148
1.51500	.0005		-.0011	.0143	.0126
2.51500	-.0004		-.0116	-.0012	-.0169
3.51500	.0686		.0313	.0236	.0419
4.54500		.1256			
5.54500		.1326			
6.54500		.1110			
7.54500		.0703			

OA-252 (PS0+S) SURFACE PRESS ON 90 DEG PANEL (R3TS31)

MACH (7) = 1.392 RN/L (1) = 4.578 P = 673.32 PT = 2117.6 TTF = 80.111 Q = 912.70

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0491		-.0699	-.0357		-.0328			-.0145		-.0705	-.0551
-2.51500				-.0356		-.0451	-.0481		-.0719			-.0745		-.0654	-.0508
-1.51500				-.0429		-.0378	-.0155		-.0591			-.0213		-.0008	-.0323
-.51500				-.0667		-.0462	.0065		-.0387			-.0450		-.0444	-.0095
.51500	-.0189	-.0305	-.0225		-.0011			.0159		.0256	.0316		.0424		
1.51500	-.0121	-.0356	-.0107		-.0447			-.0246		-.0381	-.0270		.0101		
2.51500	-.0469	-.0331	-.0428		-.0404			-.0065		-.0186	-.0267		-.0105		
3.51500	-.0520	.0040	-.0393		.0027			.0648		.0838	.0517		.0410		
4.54500				-.0004		-.0519	-.0950		-.0549			-.0256		-.0552	-.0416
5.54500				-.0383		-.0492	-.0354		.0283			.0101		-.0012	-.0189
6.54500				.0105		.0768	.0658		.0862			.0901		.0885	.0822
7.54500				.1552		.1831	.1429		.1264			.1353		.1283	.1327

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0773			
-2.51500		-.0477			
-1.51500		-.0265			
-.51500		-.0222			
.51500	-.0296		.0038	.0120	-.0053
1.51500	.0050		.0038	.0145	.0135
2.51500	-.0064		-.0036	-.0254	-.0203
3.51500	-.0110		-.0296	-.0123	-.0211
4.54500		-.0307			
5.54500		-.0385			
6.54500		.0479			
7.54500		.1353			

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS32) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.002	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = 1.401 RN/L (1) = 4.551 P = 664.13 PT = 2117.6 TTF = 81.709 Q = 912.93

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0349		-.0624	-.0232		-.0290			-.0156		-.0773	-.0639
-2.51500				-.0284		-.0415	-.0505		-.0675			-.0764		-.0646	-.0699
-1.51500				-.0441		-.0432	-.0243		-.0691			-.0232		-.0138	-.0369
-.51500				-.0602		-.0455	.0058		-.0440			-.0425		-.0751	-.0283
.51500	-.0243	-.0326	-.0193		.0184			.0409		.0283	.0252		.0161		
1.51500	.0038	-.0107	.0221		-.0047			.0063		-.0311	-.0373		-.0308		
2.51500	-.0241	-.0233	-.0357		-.0508			-.0140		-.0344	-.0242		-.0041		
3.51500	-.0650	-.0056	-.0604		-.0521			.0440		.0500	.0760		.0668		
4.54500				-.0377		-.0553	-.0795		-.0430			-.0387		-.0665	-.0479
5.54500				-.0569		-.0569	-.0461		.0162			.0027		-.0100	-.0430
6.54500				.0039		.0517	.0402		.0672			.0779		.0638	.0662
7.54500				.1464		.1595	.1397		.1298			.1411		.1302	.1435

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0696			
-2.51500		-.0580			
-1.51500		-.0254			
-.51500		-.0241			
.51500	-.0188		-.0046	-.0095	-.0210
1.51500	-.0188		-.0170	.0124	.0161
2.51500	-.0187		-.0170	-.0417	-.0335
3.51500	.0269		-.0370	-.0128	-.0238
4.54500		-.0077			
5.54500		-.0398			
6.54500		.0041			
7.54500		.1325			

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS33) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 6.050 P = 2869.4 PT = 3660.1 TTF = 76.530 Q = 723.21

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0091		-.0393	-.0133		-.0021			-.0042		-.0626	-.0567
-2.51500				-.0234		-.0288	.0161		-.0097			-.0573		-.0626	-.0470
-1.51500				-.0187		.0134	.0197		.0140			-.0039		-.0081	-.0392
-.51500				-.0242		.0374	.0443		.0117			-.0093		-.0937	-.0393
.51500	-.0305	-.0445	-.0247		.0237			.0463		.0043	.0088		-.0165		
1.51500	-.0072	-.0421	.0060		-.0266			.0007		-.0775	-.0775		-.0434		
2.51500	-.0369	-.0616	-.0678		-.0810			-.0177		-.0786	-.0398		.0202		
3.51500	-.0861	-.0336	-.0666		-.1018			.0319		.0227	.0940		.1192		
4.54500				-.0561		-.0878	-.0682		-.0586			-.0399		-.0606	-.0495
5.54500				-.0579		-.0697	-.0394		-.0205			-.0321		-.0395	-.0517
6.54500				-.0586		-.0273	-.0431		-.0421			-.0251		-.0637	-.0300
7.54500				-.0526		-.0053	-.0298		-.0643			-.0515		-.0716	-.0205

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0614			
-2.51500		-.0558			
-1.51500		-.0196			
-.51500		-.0309			
.51500	-.0313		-.0052	-.0181	-.0333
1.51500	-.0321		-.0310	-.0123	-.0019
2.51500	-.0520		-.0319	-.0323	-.0380
3.51500	-.0013		-.0315	-.0317	-.0364
4.54500		-.0385			
5.54500		-.0556			
6.54500		-.0557			
7.54500		-.0546			

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS33)

MACH (2) = .900 RN/L (1) = 5.937 P = 1757.6 PT = 2973.4 TTF = 92.688 Q = 997.02

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0294		-.0463	-.0026		-.0007			.0082		-.0464	-.0427
-2.51500				-.0074		-.0132	-.0169		-.0270			-.0498		-.0408	-.0342
-1.51500				-.0109		-.0084	.0175		-.0286			.0116		.0079	-.0256
-.51500				-.0095		-.0042	.0497		-.0045			-.0221		-.0702	-.0185
.51500	-.0150	-.0223	-.0153		.0297			.0491		.0249	.0106		.0021		
1.51500	.0058	-.0292	.0030		-.0077			.0080		-.0538	-.0594		-.0342		
2.51500	-.0213	-.0477	-.0602		-.0660			-.0141		-.0590	-.0251		.0084		
3.51500	-.0692	-.0136	-.0819		-.0855			.0369		.0339	.0905		.1035		
4.54500				-.0591		-.0803	-.0941		-.0743			-.0522		-.0717	-.0666
5.54500				-.0568		-.0814	-.0589		-.0161			-.0337		-.0399	-.0559
6.54500				-.0393		-.0234	-.0440		-.0364			-.0032		-.0495	-.0147
7.54500				-.0300		.0108	-.0348		-.0436			-.0270		-.0504	-.0235

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0346			
-2.51500		-.0201			
-1.51500		-.0090			
-.51500		-.0170			
.51500	-.0449		-.0104	-.0053	-.0194
1.51500	-.0367		-.0176	-.0076	.0161
2.51500	-.0146		-.0345	-.0203	-.0300
3.51500	.0065		-.0310	-.0414	-.0320
4.54500		-.0393			
5.54500		-.0421			
6.54500		-.0526			
7.54500		-.0362			

MACH (3) = 1.254 RN/L (1) = 5.986 P = 1063.7 PT = 2769.0 TTF = 85.178 Q = 1170.3

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0283		-.0436	-.0065		-.0121			-.0008		-.0562	-.0496
-2.51500				-.0202		-.0301	-.0333		-.0593			-.0739		-.0585	-.0691
-1.51500				-.0440		-.0385	-.0157		-.0603			-.0164		-.0042	-.0342
-.51500				-.0511		-.0290	.0310		-.0148			-.0299		-.0587	-.0180
.51500	-.0214	-.0240	-.0189		.0257			.0548		.0541	.0338		.0285		
1.51500	-.0017	-.0171	.0099		-.0126			.0260		-.0047	-.0257		-.0155		
2.51500	-.0332	-.0309	-.0385		-.0440			-.0046		-.0185	-.0131		.0062		
3.51500	-.0275	.0134	-.0267		-.0150			.0534		.0573	.0923		.0863		
4.54500				.1194		.1133	.0939		.1263			.1374		.1253	.1205

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS33)

MACH (3) = 1.254 RN/L (1) = 5.986

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					.1434		.1265	.1308		.1518		.1460		.1397	.1257
6.54500					.1210		.1307	.1042		.1165		.1282		.1057	.1211
7.54500					.0870		.1174	.0770		.0632		.0793		.0530	.0794

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0635			
-2.51500		-.0506			
-1.51500		-.0268			
-.51500		-.0225			
.51500	.0294		-.0019	-.0055	-.0187
1.51500	-.0127		-.0091	.0030	.0039
2.51500	.0017		-.0247	-.0151	-.0348
3.51500	.0592		.0135	.0280	.0180
4.54500		.1210			
5.54500		.1268			
6.54500		.1054			
7.54500		.0708			

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS34) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	1.395	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .597 RN/L (1) = 2.007 P = 951.28 PT = 1210.8 TTF = 74.127 Q = 237.59

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0180		-.0412	-.0013		-.0085			-.0003		-.0512	-.0453
-2.51500				.0028		-.0270	-.0258		-.0460			-.0672		-.0500	-.0666
-1.51500				-.0067		-.0216	-.0019		-.0526			-.0069		-.0160	-.0642
-.51500				-.0222		.0028	.0487		-.0264			-.0547		-.0980	-.0447
.51500	-.0499	-.0457	-.0310		.0092			.0243		-.0119	-.0165		-.0482		
1.51500	-.0138	-.0534	-.0227		-.0416			-.0315		-.1074	-.1074		-.0809		
2.51500	-.0434	-.0670	-.0759		-.0936			-.0539		-.1149	-.0785		-.0205		
3.51500	-.1232	-.0522	-.0095		-.1167			.0019		-.0131	.0721		.0847		
4.54500				-.0973		-.1304	-.1399		-.1227			-.1023		-.1141	-.1100
5.54500				-.0937		-.1476	-.1091		-.0712			-.0911		-.0976	-.1223
6.54500				-.0834		-.1002	-.1091		-.1292			-.0717		-.1265	-.0858
7.54500				-.1038		-.0701	-.1056		-.1420			-.1100		-.1447	-.1035

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0879			
-2.51500		-.0654			
-1.51500		-.0459			
-.51500		-.0512			
.51500	-.0699		-.0462	-.0397	-.0557
1.51500	-.0575		-.0580	-.0260	-.0059
2.51500	-.0675		-.0586	-.0272	-.0610
3.51500	-.0302		-.0580	-.0272	-.0640
4.54500		-.0958			
5.54500		-.1164			
6.54500		-.1359			
7.54500		-.1423			

OA-252 (PS04S) SURFACE PRESS ON 90 DEG PANEL (R3TS34)

MACH (2) = .899 RN/L (1) = 2.014 P = 577.84 PT = 976.74 TTF = 79.069 Q = 327.23

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0012		-.0178	.0233		.0142			.0233		-.0316	-.0204
-2.51500				.0198		.0077	.0012		-.0109			-.0282		-.0196	-.0273
-1.51500				.0159		.0099	.0281		-.0074			.0263		.0276	-.0123
-.51500				.0151		.0120	.0674		.0181			-.0058		-.0453	-.0028
.51500	-.0084	-.0101	-.0011		.0260			.0518		.0334	.0180		.0026		
1.51500	.0028	-.0256	.0062		-.0170			.0009		-.0549	-.0674		-.0582		
2.51500	-.0317	-.0399	-.0575		-.0691			-.0366		-.0624	-.0495		-.0174		
3.51500	-.1092	-.0196	-.0721		-.0773			.0451		.0593	.0934		.0951		
4.54500				-.0586		-.0951	-.1303		-.1007			-.0850		-.1072	-.0858
5.54500				-.0608		-.0973	-.1059		-.0402			-.0547		-.0619	-.0735
6.54500				-.0488		-.0466	-.0874		-.0565			-.0278		-.0653	-.0355
7.54500				-.0393		-.0084	-.0634		-.0677			-.0470		-.0662	-.0414

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0522			
-2.51500		-.0286			
-1.51500		-.0097			
-.51500		-.0101			
.51500	-.0475		-.0131	-.0002	-.0165
1.51500	-.0458		-.0127	.0011	.0088
2.51500	-.0475		-.0140	-.0354	-.0354
3.51500	-.0105		-.0470	-.0346	-.0363
4.54500		-.0764			
5.54500		-.0794			
6.54500		-.0828			
7.54500		-.0696			

MACH (3) = 1.248 RN/L (1) = 2.016 P = 354.34 PT = 915.91 TTF = 77.886 Q = 386.56

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0201		-.0381	.0046		-.0027			.0019		-.0516	-.0458
-2.51500				-.0064		-.0197	-.0223		-.0455			-.0599		-.0410	-.0629
-1.51500				-.0190		-.0175	-.0086		-.0507			-.0017		.0089	-.0316
-.51500				-.0227		-.0267	.0172		-.0308			-.0061		-.0337	-.0079
.51500	-.0037	-.0183	-.0157		.0209			.0373		.0546	.0704		.0736		
1.51500	.0004	-.0015	.0157		-.0011			-.0033		-.0075	.0045		.0398		
2.51500	-.0168	.0018	-.0011		.0022			.0239		.0038	-.0061		.0144		
3.51500	.0209	.0944	.0820		.0823			.1202		.1110	.0874		.0708		
4.54500				.2138		.1956	.1606		.1887			.2045		.1711	.1664

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS34)

MACH (3) = 1.248 RN/L (1) = 2.016

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					.1658		.1522	.1376		.1868		.1949		.1780	.1544
6.54500					.1496		.1467	.0898		.1139		.1512		.1301	.1435
7.54500					.1059		.1310	.0690		.0486		.0902		.0670	.0982

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0589			
-2.51500		-.0476			
-1.51500		-.0279			
-.51500		-.0239			
.51500	.0122		.0294	-.0069	-.0171
1.51500	.0118		.0268	.0250	.0158
2.51500	.0129		.0239	-.0047	-.0149
3.51500	.0129		-.0025	-.0040	.0034
4.54500		.1911			
5.54500		.1686			
6.54500		.1312			
7.54500		.0887			

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS35) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.399 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 4.527 P = 2167.8 PT = 2765.4 TTF = 80.632 Q = 546.59

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0548		-.0805	-.0206		-.0319			-.0097		-.0842	-.0750
-2.51500				-.0291		-.0456	-.0507		-.0744			-.0914		-.0837	-.0842
-1.51500				-.0476		-.0368	-.0060		-.0731			-.0282		-.0231	-.0614
-.51500				-.0394		-.0345	.0476		-.0497			-.0699		-.1261	-.0573
.51500	-.0508	-.0649	-.0482		.0092			.0259		-.0195	-.0305		-.0512		
1.51500	-.0287	-.0713	-.0274		-.0564			-.0255		-.1305	-.1368		-.0878		
2.51500	-.0525	-.0954	-.1056		-.1320			-.0587		-.1128	-.0741		-.0205		
3.51500	-.1197	-.0546	-.1164		-.1579			.0120		-.0025	.0878		.1113		
4.54500				-.1125		-.1548	-.1384		-.1387			-.1068		-.1347	-.1055
5.54500				-.1186		-.1438	-.1151		-.0794			-.0960		-.1091	-.1198
6.54500				-.1112		-.1040	-.1184		-.1346			-.0863		-.1500	-.0899
7.54500				-.1174		-.0583	-.1192		-.1551			-.1296		-.1620	-.1139

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0955			
-2.51500		-.0704			
-1.51500		-.0521			
-.51500		-.0665			
.51500	-.0849		-.0595	-.0460	-.0738
1.51500	-.0852		-.0615	-.0332	-.0110
2.51500	-.0682		-.0620	-.0620	-.0834
3.51500	-.0241		-.0795	-.0661	-.0754
4.54500		-.1027			
5.54500		-.1347			
6.54500		-.1544			
7.54500		-.1472			

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS35)

MACH (2) = .800 RN/L (1) = 4.443 P = 1511.4 PT = 2303.6 TTF = 85.178 Q = 676.81

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0025		-.0430	-.0130		-.0008			.0128		-.0737	-.0631
-2.51500				-.0224		-.0383	.0113		-.0112			-.0670		-.0585	-.0627
-1.51500				-.0102		.0195	.0201		.0115			.0018		-.0047	-.0529
-.51500				-.0281		.0421	.0519		.0162			.0001		-.0999	-.0311
.51500	-.0350	-.0497	-.0316		.0235			.0539		.0202	-.0004		-.0152		
1.51500	-.0175	-.0654	-.0092		-.0412			-.0079		-.0737	-.0988		-.0751		
2.51500	-.0472	-.0731	-.0912		-.1022			-.0412		-.0945	-.0640		-.0129		
3.51500	-.0937	-.0420	-.1001		-.1195			.0355		.0367	.1120		.1195		
4.54500				-.0814		-.1298	-.1365		-.1064			-.0837		-.1105	-.0980
5.54500				-.0978		-.1240	-.1115		-.0513			-.0798		-.0773	-.1069
6.54500				-.0862		-.0623	-.0987		-.0958			-.0558		-.1094	-.0603
7.54500				-.0765		-.0367	-.0989		-.1194			-.0875		-.1175	-.0723

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0691			
-2.51500		-.0872			
-1.51500		-.0363			
-.51500		-.0408			
.51500	-.0557		-.0322	-.0332	-.0474
1.51500	-.0559		-.0511	-.0272	-.0014
2.51500	-.0105		-.0513	-.0599	-.0599
3.51500	-.0099		-.0507	-.0599	-.0569
4.54500		-.0767			
5.54500		-.1001			
6.54500		-.1098			
7.54500		-.1047			

MACH (3) = .900 RN/L (1) = 4.430 P = 1344.5 PT = 2273.9 TTF = 103.23 Q = 762.21

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0210		-.0443	.0055		.0016			.0222		-.0446	-.0374
-2.51500				-.0047		-.0130	-.0163		-.0378			-.0483		-.0380	-.0385
-1.51500				-.0121		-.0084	.0160		-.0337			.0181		.0194	-.0271
-.51500				-.0139		-.0039	.0645		-.0047			-.0136		-.0719	-.0079
.51500	-.0137	-.0199	-.0229		.0214			.0535		.0306	.0227		.0071		
1.51500	-.0002	-.0391	-.0031		-.0347			-.0017		-.0698	-.0727		-.0605		
2.51500	-.0367	-.0688	-.0652		-.0992			-.0357		-.0779	-.0456		-.0200		
3.51500	-.0977	-.0299	-.1021		-.0910			.0453		.0605	.1273		.1107		
4.54500				-.0752		-.1135	-.1362		-.1132			-.0992		-.1244	-.0950

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS35)

MACH (3) = .900 RN/L (1) = 4.430

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					-.0813		-.1250	-.1141		-.0492			-.0601	-.0737	-.1000
6.54500					-.0625		-.0533	-.0995		-.0688			-.0304	-.0864	-.0411
7.54500					-.0523		-.0081	-.0745		-.0730			-.0506	-.0902	-.0504

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0468			
-2.51500		-.0298			
-1.51500		-.0099			
-.51500		-.0199			
.51500	-.0601		-.0260	-.0034	-.0248
1.51500	-.0428		-.0260	-.0032	.0110
2.51500	-.0418		-.0450	-.0478	-.0437
3.51500	-.0108		-.0599	-.0472	-.0485
4.54500		-.0774			
5.54500		-.0996			
6.54500		-.0754			
7.54500		-.0836			

MACH (4) = 1.043 RN/L (1) = 4.474 P = 1037.6 PT = 2080.1 TTF = 80.702 Q = 798.31

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					.0936		.0952	.1235		.1042			.1240	.0873	.0845
-2.51500					.1253		.1230	.1219		.1033			.0915	.1000	.0917
-1.51500					.1402		.1414	.1584		.1221			.1601	.1587	.1120
-.51500					.1435		.1572	.2131		.1574			.1366	.0959	.1322
.51500	.1282	.1335	.1406			.1793			.2020		.1685	.1667		.1575	
1.51500	.1421	.1099	.1525			.1235			.1449		.0785	.0782		.0970	
2.51500	.0936	.0758	.0575			.0534			.1180		.0749	.1066		.1500	
3.51500	.0036	.0754	.0096			.0286			.1922		.1844	.2615		.2558	
4.54500					-.0414		-.0831	-.1093		-.1267			-.1232	-.1404	-.0879
5.54500					-.1024		-.1665	-.1482		-.0711			-.1050	-.0987	-.1274
6.54500					-.1314		-.1279	-.1332		-.1793			-.1187	-.1798	-.1262
7.54500					-.1409		-.1036	-.2062		-.2326			-.1966	-.2366	-.1739

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0568			
-2.51500		.0899			

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS35)

MACH (4) = 1.048 RN/L (1) = 4.474

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		.1224			
-.51500		.1305			
.51500	.0657		.1267	.1435	.1253
1.51500	.1052		.1267	.1408	.1475
2.51500	.1273		.1008	.1017	.0870
3.51500	.1528		.1010	.0939	.0720
4.54500		-.0509			
5.54500		-.1276			
6.54500		-.1532			
7.54500		-.1595			

MACH (5) = 1.100 RN/L (1) = 4.521 P = 966.13 PT = 2062.4 TTF = 76.460 Q = 818.01

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0467		.0327	.0684		.0592			.0766		.0304	.0309
-2.51500				.0121		.0026	.0017		-.0104			-.0133		-.0116	-.0260
-1.51500				-.0208		-.0141	.0133		-.0278			.0187		.0254	-.0157
-.51500				.1368		.1481	.1897		.1472			.1087		.0374	.0517
.51500	.1428	.1406	.1564		.1973			.2077		.1491	.1692		.1414		
1.51500	.1578	.1265	.1664		.1423			.1394		.0698	.0558		.0944		
2.51500	.1148	.0818	.0823		.0632			.1161		.0658	.1014		.1622		
3.51500	.0164	.0880	.0283		.0254			.2007		.1761	.2752		.2674		
4.54500				-.0055		-.0305	-.0398		-.0343			-.0353		-.0510	-.0549
5.54500				-.0489		-.0967	-.0834		-.0129			-.0408		-.0597	-.0891
6.54500				-.0888		-.0796	-.1489		-.1225			-.0732		-.1360	-.0865
7.54500				-.1166		-.0779	-.1802		-.2044			-.1671		-.2265	-.1603

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0178			
-2.51500		-.0116			
-1.51500		-.0045			
-.51500		.0482			
.51500	.1129		.1274	.1339	.1124
1.51500	.1131		.1279	.1451	.1499
2.51500	.1523		.1272	.1138	.1074
3.51500	.1778		.1126	.1102	.0913
4.54500		-.0030			
5.54500		-.0746			
6.54500		-.1210			

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS35)

MACH (5) = 1.100 RN/L (1) = 4.521

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
7.54500		-.1586			

MACH (6) = 1.252 RN/L (1) = 4.483 P = 811.24 PT = 2107.0 TTF = 91.755 Q = 890.08

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0257		-.0524	-.0037		-.0125			.0028		-.0708	-.0686
-2.51500				-.0225		-.0338	-.0333		-.0588			-.0844		-.0631	-.0678
-1.51500				-.0438		-.0408	-.0136		-.0684			-.0115		.0018	-.0370
-.51500				-.0623		-.0530	.0141		-.0460			-.0345		-.0762	-.0241
.51500	-.0071	-.0145	-.0128		.0416			.0858		.0818	.0548		.0284		
1.51500	.0002	-.0145	.0301		.0109			.0418		.0108	-.0116		-.0078		
2.51500	-.0234	-.0001	-.0086		-.0267			.0111		-.0033	-.0024		.0232		
3.51500	-.0190	.0153	-.0315		-.0096			.0880		.0984	.1222		.1159		
4.54500				.1927		.1627	.1523		.1918			.1873		.1669	.1807
5.54500				.1681		.1355	.1474		.1897			.1669		.1553	.1372
6.54500				.1291		.1341	.0920		.1078			.1300		.0986	.1273
7.54500				.0831		.1261	.0512		.0257			.0591		.0224	.0632

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0738			
-2.51500		-.0497			
-1.51500		-.0252			
-.51500		-.0244			
.51500	.0448		.0006	-.0013	-.0152
1.51500	.0082		.0003	.0116	.0246
2.51500	.0112		-.0070	-.0111	-.0386
3.51500	.0808		.0191	.0214	.0126
4.54500		.1914			
5.54500		.1572			
6.54500		.0960			
7.54500		.0541			

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS35)

MACH (7) = 1.396 RN/L (1) = 4.451 P = 675.44 PT = 2137.4 TTF = 95.001 Q = 921.36

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0436		-.0617	-.0168		-.0221			-.0030		-.0673	-.0695
-2.51500				-.0302		-.0459	-.0572		-.0750			-.0832		-.0734	-.0977
-1.51500				-.0527		-.0424	-.0205		-.0737			-.0211		-.0101	-.0458
-.51500				-.0781		-.0623	-.0051		-.0657			-.0710		-.1018	-.0420
.51500	-.0323	-.0438	-.0314		.0232			.0432		.0372	.0194		.0052		
1.51500	-.0027	-.0247	.0064		-.0210			.0033		-.0253	-.0451		-.0417		
2.51500	-.0337	-.0172	-.0247		-.0518			-.0234		-.0427	-.0329		-.0108		
3.51500	-.0592	-.0054	-.0730		-.0680			.0516		.0568	.0847		.0712		
4.54500				-.0414		-.0784	-.0947		-.0599			-.0594		-.1222	-.0559
5.54500				-.0590		-.0454	-.0264		.0417			.0081		-.0113	-.0621
6.54500				.1340		.1774	.1837		.1971			.2209		.2137	.1844
7.54500				.1736		.1863	.1386		.1230			.1521		.1214	.1572

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0863			
-2.51500		-.0640			
-1.51500		-.0365			
-.51500		-.0368			
.51500	-.0527		-.0189	-.0034	-.0209
1.51500	-.0323		-.0189	-.0030	.0076
2.51500	-.0325		-.0351	-.0414	-.0565
3.51500	.0161		-.0530	-.0395	-.0481
4.54500		-.0172			
5.54500		-.0321			
6.54500		.1103			
7.54500		.1567			

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS36) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.339 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .601 RN/L (1) = 6.112 P = 2947.9 PT = 3764.1 TTF = 84.624 Q = 746.22

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0517		-.0835	-.0321		-.0328			-.0043		-.0998	-.0753
-2.51500				-.0389		-.0630	-.0488		-.0814			-.1041		-.1022	-.0855
-1.51500				-.0519		-.0502	-.0238		-.0764			-.0288		-.0347	-.0770
-.51500				-.0434		-.0310	.0421		-.0511			-.0689		-.1390	-.0593
.51500	-.0573	-.0628	-.0519		.0071			.0369		-.0239	-.0232		-.0517		
1.51500	-.0357	-.0914	-.0299		-.0602			-.0363		-.1399	-.1220		-.0900		
2.51500	-.0679	-.1024	-.1143		-.1259			-.0589		-.1202	-.0762		-.0107		
3.51500	-.1387	-.0673	-.1147		-.1870			.0087		-.0025	.1031		.1207		
4.54500				-.1101		-.1510	-.1402		-.1374			-.1058		-.1317	-.1000
5.54500				-.1246		-.1600	-.1255		-.0901			-.1051		-.1246	-.1319
6.54500				-.1249		-.1053	-.1319		-.1344			-.0940		-.1542	-.1006
7.54500				-.1225		-.0733	-.1355		-.1564			-.1293		-.1767	-.1173

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.1009			
-2.51500		-.0936			
-1.51500		-.0540			
-.51500		-.0578			
.51500	-.0767		-.0760	-.0441	-.0692
1.51500	-.0903		-.0758	-.0309	-.0143
2.51500	-.0583		-.0783	-.0713	-.0894
3.51500	-.0113		-.0818	-.0758	-.0792
4.54500		-.0935			
5.54500		-.1283			
6.54500		-.1626			
7.54500		-.1502			

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS36)

MACH (2) = .893 RN/L (1) = 5.969 P = 1846.7 PT = 3100.0 TTF = 107.08 Q = 1030.9

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0285		-.0531	.0002		-.0056			.0189		-.0596	-.0473
-2.51500				-.0080		-.0190	-.0284		-.0446			-.0582		-.0473	-.0542
-1.51500				-.0168		-.0173	.0054		-.0463			.0135		.0121	-.0432
-.51500				-.0244		-.0037	.0603		-.0108			-.0286		-.0828	-.0144
.51500	-.0238	-.0355	-.0257		.0170			.0549		.0204	.0223		.0082		
1.51500	-.0042	-.0494	-.0068		-.0423			.0003		-.0697	-.0828		-.0629		
2.51500	-.0426	-.0702	-.0984		-.1063			-.0334		-.0743	-.0527		-.0297		
3.51500	-.1064	-.0332	-.0954		-.0995			.0435		.0583	.1145		.1111		
4.54500				-.0791		-.1199	-.1409		-.1165			-.0984		-.1262	-.1029
5.54500				-.0812		-.1236	-.1266		-.0510			-.0628		-.0735	-.0981
6.54500				-.0669		-.0543	-.1074		-.0722			-.0330		-.0909	-.0475
7.54500				-.0592		-.0069	-.0766		-.0755			-.0578		-.0848	-.0498

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0531			
-2.51500		-.0445			
-1.51500		-.0230			
-.51500		-.0194			
.51500	-.0629		-.0331	-.0110	-.0326
1.51500	-.0397		-.0276	-.0076	.0095
2.51500	-.0260		-.0633	-.0529	-.0600
3.51500	.0245		-.0631	-.0536	-.0560
4.54500		-.0767			
5.54500		-.1057			
6.54500		-.0912			
7.54500		-.0730			

MACH (3) = 1.254 RN/L (1) = 5.947 P = 1089.2 PT = 2835.4 TTF = 97.795 Q = 1198.4

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0212		-.0560	.0055		.0044			.0089		-.0743	-.0607
-2.51500				-.0150		-.0325	-.0333		-.0532			-.0677		-.0595	-.0728
-1.51500				-.0447		-.0366	-.0110		-.0676			-.0123		.0035	-.0408
-.51500				-.0589		-.0489	.0256		-.0283			-.0376		-.0776	-.0224
.51500	-.0026	-.0149	-.0106		.0532			.0942		.0865	.0577		.0409		
1.51500	.0061	-.0079	.0397		.0163			.0469		.0129	-.0099		-.0031		
2.51500	-.0265	-.0057	-.0106		-.0267			.0117		-.0026	.0035		.0308		
3.51500	-.0154	.0304	-.0079		.0001			.0929		.1012	.1286		.1258		
4.54500				.2056		.1692	.1534		.2017			.1980		.1684	.1836

OA-252 (P90+S) SURFACE PRESS ON 90 DEG PANEL (R3TS36)

MACH (3) = 1.254 RN/L (1) = 5.947

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					.1693		.1367	.1493		.1967		.1688		.1637	.1414
6.54500					.1353		.1378	.0978		.1121		.1395		.1023	.1367
7.54500					.0903		.1345	.0571		.0392		.0695		.0367	.0740

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0712			
-2.51500		-.0614			
-1.51500		-.0219			
-.51500		-.0206			
.51500	.0276		-.0079	.0041	-.0089
1.51500	.0041		-.0089	.0221	.0220
2.51500	.0161		-.0157	-.0169	-.0458
3.51500	.1027		.0427	.0601	.0161
4.54500		.2058			
5.54500		.1591			
6.54500		.1185			
7.54500		.0628			

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS37) (11 APR 80)

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 = .6570

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .901 RN/L (1) = 1.996 P = 560.16 PT = 948.45 TTF = 70.850 Q = 318.31

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0082		-.0031	.0156		.0191			.0124		-.0217	-.0217
-2.51500				.0086		-.0040	.0226		.0104			-.0287		-.0252	-.0283
-1.51500				.0112		.0243	.0182		.0217			.0110		.0119	-.0137
-.51500				-.0123		.0200	.0261		.0084			.0009		-.0438	.0004
.51500	-.0116	-.0129	-.0134		.0017			.0364		.0483	.0407		.0441		
1.51500	.0026	-.0214	.0039		-.0178			.0321		.0391	.0381		.0373		
2.51500	-.0160	-.0249	-.0302		-.0271			.0278		.0287	.0261		.0278		
3.51500	-.0506	-.0085	-.0435		-.0506			.0145		.0124	.0167		.0167		
4.54500				-.0422		-.0532	-.0652		-.0293			-.0205		-.0359	-.0298
5.54500				-.0404		-.0661	-.0603		-.0156			-.0311		-.0276	-.0350
6.54500				-.0284		-.0178	-.0493		-.0369			-.0161		-.0333	-.0135
7.54500				-.0218		.0074	-.0280		-.0360			-.0126		-.0328	-.0104

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0305			
-2.51500		-.0199			
-1.51500		-.0119			
-.51500		-.0071			
.51500	-.0360		-.0059	-.0041	-.0165
1.51500	-.0214		-.0059	.0012	.0073
2.51500	-.0271		-.0019	-.0329	-.0249
3.51500	-.0086		-.0333	-.0307	-.0236
4.54500		-.0311			
5.54500		-.0469			
6.54500		-.0416			
7.54500		-.0328			

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS37)

MACH (2) = 1.253 RN/L (1) = 2.041 P = 343.03 PT = 892.57 TTF = 62.530 Q = 377.20

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0073		-.0149	.0047		.0069			.0041		-.0350	-.0361
-2.51500				-.0052		-.0178	.0099		-.0027			-.0406		-.0331	-.0361
-1.51500				.0014		.0114	.0091		.0073			.0049		.0064	-.0193
-.51500				.0081		.0376	.0265		.0110			.0190		-.0193	.0045
.51500	.0356	.0267	.0267		.0225			.0742		.0739	.0734		.0705		
1.51500	.0903	.0993	.1094		.0959			.1143		.0955	.1027		.0991		
2.51500	.1977	.1936	.1595		.1895			.1894		.2010	.2209		.1891		
3.51500	.2385	.2377	.2288		.2329			.2661		.2751	.2679		.2523		
4.54500				.2634		.2559	.2582		.2649			.2624		.2568	.2620
5.54500				.2641		.2671	.2690		.2776			.2754		.2773	.2758
6.54500				.2929		.2978	.2828		.2911			.2918		.2814	.2962
7.54500				.3247		.3254	.3015		.3060			.3282		.3152	.3163

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0432			
-2.51500		-.0354			
-1.51500		-.0156			
-.51500		.0026			
.51500	.1944		.0561	.0370	.0113
1.51500	.0493		.0643	.1034	.0851
2.51500	.1698		.1187	.1448	.1605
3.51500	.2104		.1657	.2022	.2351
4.54500		.2583			
5.54500		.2739			
6.54500		.2944			
7.54500		.3223			

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS38) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .897 RN/L (1) = 4.487 P = 1302.8 PT = 2196.8 TTF = 82.577 Q = 734.07

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0005		-.0331	-.0050		-.0054			.0152		-.0528	-.0361
-2.51500				-.0137		-.0321	.0072		-.0110			-.0509		-.0526	-.0501
-1.51500				-.0060		.0081	.0027		-.0043			.0004		.0008	-.0413
-.51500				-.0464		.0127	.0036		-.0193			-.0105		-.0738	-.0172
.51500	-.0157	-.0376	-.0418		-.0207			.0502		.0473	.0476		.0357		
1.51500	-.0046	-.0445	-.0033		-.0353			.0398		.0402	.0376		.0305		
2.51500	-.0236	-.0458	-.0696		-.0583			.0289		.0289	.0244		.0227		
3.51500	-.0688	-.0205	-.0775		-.0801			.0229		.0274	.0218		.0116		
4.54500				-.0484		-.0778	-.0778		-.0449			-.0177		-.0501	-.0386
5.54500				-.0503		-.0949	-.0745		-.0262			-.0314		-.0405	-.0461
6.54500				-.0426		-.0253	-.0673		-.0587			-.0224		-.0546	-.0201
7.54500				-.0421		.0150	-.0503		-.0594			-.0363		-.0356	-.0266

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0622			
-2.51500		-.0444			
-1.51500		-.0339			
-.51500		-.0252			
.51500	-.0363		-.0185	-.0141	-.0363
1.51500	-.0336		-.0248	-.0057	.0039
2.51500	-.0287		-.0248	-.0424	-.0453
3.51500	-.0122		-.0359	-.0413	-.0438
4.54500		-.0466			
5.54500		-.0577			
6.54500		-.0619			
7.54500		-.0581			

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS38)

MACH (2) = 1.051 RN/L (1) = 4.478 P = 1010.0 PT = 2030.5 TTF = 70.745 Q = 780.60

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0187		-.0105	.0183		.0224			.0315		-.0315	-.0149
-2.51500				.0261		.0169	.0504		.0354			-.0110		-.0031	-.0144
-1.51500				.0684		.0789	.0805		.0760			.0736		.0711	.0277
-.51500				.0609		.1039	.1035		.0893			.0920		.0302	.0729
.51500	.0716	.0671	.0780		.0924			.1487		.1420	.1385		.1307		
1.51500	.0924	.0617	.0987		.0794			.1342		.1359	.1349		.1322		
2.51500	.0692	.0475	.0444		.0578			.1273		.1282	.1268		.1259		
3.51500	.0263	.0749	.0318		.0369			.1294		.1275	.1231		.1240		
4.54500				.0229		.0058	.0008		.0251			.0359		.0183	.0266
5.54500				.0051		-.0104	-.0163		.0267			.0338		.0172	.0009
6.54500				.0742		.0862	.0511		.0702			.0847		.0684	.0887
7.54500				.1458		.1874	.1411		.1366			.1529		.1452	.1432

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0200			
-2.51500		-.0146			
-1.51500		.0365			
-.51500		.0880			
.51500	.0423		.0693	.0792	.0668
1.51500	.0549		.0685	.0846	.0920
2.51500	.0549		.0695	.0563	.0590
3.51500	.0861		.0522	.0549	.0628
4.54500		.0314			
5.54500		.0269			
6.54500		.0820			
7.54500		.1446			

MACH (3) = 1.100 RN/L (1) = 4.582 P = 974.62 PT = 2080.8 TTF = 74.580 Q = 825.36

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0158		-.0205	.0116		.0175			.0306		-.0436	-.0259
-2.51500				-.0121		-.0325	.0108		-.0023			-.0463		-.0485	-.0572
-1.51500				-.0124		.0180	.0187		.0062			.0063		.0102	-.0340
-.51500				.0396		.0803	.0741		.0527			.0611		-.0060	.0384
.51500	.0832	.0984	.1002		.1148			.1335		.1423	.1360		.1317		
1.51500	.1135	.0963	.1291		.1111			.1332		.1332	.1344		.1317		
2.51500	.0951	.0823	.0813		.0970			.1360		.1383	.1342		.1321		
3.51500	.0444	.1018	.0616		.0658			.1459		.1443	.1436		.1400		
4.54500				.0529		.0354	.0265		.0631			.0800		.0485	.0540

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS38)

MACH (3) = 1.100 RN/L (1) = 4.582

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
5.54500					.0136		-.0259	-.0191		.0473		.0310		.0180	.0056
6.54500					-.0083		.0013	-.0478		-.0153		.0083		-.0173	.0239
7.54500					.0578		.1001	.0572		.0691		.0627		.0542	.0879

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0368			
-2.51500		-.0340			
-1.51500		-.0228			
-.51500		.0347			
.51500	.0813		.1024	.0985	.0786
1.51500	.0813		.1019	.1147	.1145
2.51500	.0816		.1019	.0896	.0876
3.51500	.1186		.0912	.0845	.0806
4.54500		.0600			
5.54500		.0015			
6.54500		-.0098			
7.54500		.0839			

MACH (4) = 1.262 RN/L (1) = 4.511 P = 794.26 PT = 2062.4 TTF = 80.354 Q = 871.22

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500					-.0020		-.0306	-.0133		-.0084			-.0019		-.0610	-.0560
-2.51500					-.0319		-.0414	-.0034		-.0235			-.0702		-.0660	-.0713
-1.51500					-.0306		-.0122	-.0119		-.0164			-.0196		-.0135	-.0489
-.51500					-.0297		.0055	.0090		.0012			.0070		-.0731	-.0091
.51500	.0094	.0093	-.0170			.0061			.0899		.0991	.0902		.0840		
1.51500	.1400	.0867	.0917			.0875			.1278		.1070	.1181		.1189		
2.51500	.2214	.1922	.2083			.2167			.2213		.2296	.2546		.2280		
3.51500	.2657	.2512	.2561			.2780			.3077		.3012	.3100		.3008		
4.54500					.2970		.2979	.2853		.2989			.2947		.2936	.2910
5.54500					.3042		.2892	.3013		.3163			.3103		.3035	.3082
6.54500					.3408		.3414	.3313		.3408			.3401		.3332	.3401
7.54500					.3722		.3684	.3537		.3608			.3768		.3613	.3639

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0546			
-2.51500		-.0621			

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS38)

MACH (4) = 1.252 RN/L (1) = 4.511

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		-.0486			
-.51500		.0015			
.51500	.2521		.0501	.0232	.0217
1.51500	.0833		.0301	.1295	.1358
2.51500	.1928		.1616	.2070	.1951
3.51500	.2440		.1799	.1952	.2618
4.54500		.2868			
5.54500		.3093			
6.54500		.3270			
7.54500		.3578			

MACH (5) = 1.403 RN/L (1) = 4.471 P = 657.76 PT = 2103.4 TTF = 86.045 Q = 906.86

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0203		-.0458	-.0171		-.0180			-.0138		-.0714	-.0664
-2.51500					-.0333		-.0504	-.0203		-.0379			-.0796		-.0639	-.0805
-1.51500					-.0333		-.0127	-.0154		-.0200			-.0248		-.0216	-.0554
-.51500					-.0632		-.0108	-.0172		-.0403			-.0307		-.0816	-.0388
.51500	-.0295	-.0532	-.0595			-.0300			.0256		.0254	.0248		.0256		
1.51500	-.0191	-.0500	-.0196			-.0421			.0268		.0286	.0247		.0256		
2.51500	-.0399	-.0407	-.0528			-.0524			.0316		.0366	.0384		.0316		
3.51500	-.0676	-.0331	-.0825			-.0648			.0497		.0551	.0452		.0402		
4.54500					-.0362		-.0589	-.0694		-.0426			-.0273		-.0431	-.0486
5.54500					-.0657		-.0818	-.0733		-.0280			-.0384		-.0358	-.0590
6.54500					-.0149		.0150	-.0131		.0285			.0650		.0642	.0188
7.54500					.1685		.1882	.1744		.1730			.1844		.1756	.1594

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0693			
-2.51500		-.0672			
-1.51500		-.0455			
-.51500		-.0351			
.51500	-.0361		-.0234	-.0231	-.0335
1.51500	-.0363		-.0360	-.0242	.0002
2.51500	-.0364		-.0363	-.0327	-.0395
3.51500	-.0135		-.0358	-.0372	-.0332
4.54500		-.0352			
5.54500		-.0836			
6.54500		.0718			

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS3B)

MACH (5) = 1.403 RN/L (1) = 4.471

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
7.54500		.1675			

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS39) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .900 RN/L (1) = 6.007 P = 1769.6 PT = 2993.2 TTF = 90.476 Q = 1003.5

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0019		-.0390	-.0084		.0027			.0122		-.0591	-.0464
-2.51500				-.0166		-.0334	.0070		-.0191			-.0604		-.0510	-.0468
-1.51500				-.0078		.0048	.0151		-.0011			-.0024		.0012	-.0413
-.51500				-.0478		-.0003	.0114		-.0198			-.0114		-.0698	-.0074
.51500	-.0277	-.0431	-.0412		-.0150			.0524		.0512	.0459		.0472		
1.51500	-.0005	-.0430	-.0024		-.0484			.0388		.0400	.0397		.0382		
2.51500	-.0312	-.0578	-.0604		-.0607			.0304		.0319	.0301		.0237		
3.51500	-.0781	-.0301	-.0578		-.0842			.0241		.0272	.0285		.0181		
4.54500				-.0580		-.0767	-.0848		-.0398			-.0275		-.0507	-.0459
5.54500				-.0583		-.0980	-.0785		-.0342			-.0280		-.0489	-.0583
6.54500				-.0399		-.0338	-.0697		-.0594			-.0170		-.0652	-.0276
7.54500				-.0446		.0010	-.0504		-.0641			-.0350		-.0639	-.0319

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0530			
-2.51500		-.0523			
-1.51500		-.0259			
-.51500		-.0206			
.51500	-.0383		-.0243	-.0170	-.0327
1.51500	-.0383		-.0243	-.0042	-.0007
2.51500	-.0389		-.0244	-.0310	-.0431
3.51500	-.0159		-.0431	-.0382	-.0383
4.54500		-.0421			
5.54500		-.0640			
6.54500		-.0626			
7.54500		-.0434			

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS39)

MACH (2) = 1.252 RN/L (1) = 6.126 P = 1096.3 PT = 2947.5 TTF = 87.153 Q = 1202.9

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0060		-.0434	-.0198		-.0153			-.0025		-.0680	-.0648
-2.51500				-.0408		-.0572	-.0078		-.0366			-.0750		-.0778	-.0772
-1.51500				-.0456		-.0220	-.0193		-.0276			-.0304		-.0272	-.0686
-.51500				-.0428		.0003	.0060		-.0019			.0033		-.0679	-.0140
.51500	.0264	.0031	-.0178		-.0097			.0992		.0982	.0937		.0828		
1.51500	.1356	.1218	.1374		.0731			.1405		.1099	.1260		.1139		
2.51500	.2303	.2161	.2201		.1947			.2293		.2400	.2745		.2278		
3.51500	.2776	.2898	.2785		.2774			.3168		.3233	.3232		.2973		
4.54500				.3066		.3108	.2924		.2873			.3081		.3064	.3088
5.54500				.3087		.3008	.3147		.3181			.3254		.3134	.3127
6.54500				.3426		.3504	.3392		.3480			.3546		.3512	.3544
7.54500				.3768		.3907	.3825		.3750			.3698		.3722	.3699

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0640			
-2.51500		-.0720			
-1.51500		-.0639			
-.51500		.0000			
.51500	.2459		.0296	.0541	.0127
1.51500	.0236		.0749	.1450	.1087
2.51500	.2251		.2265	.2310	.1998
3.51500	.2911		.2485	.2605	.2829
4.54500		.2876			
5.54500		.3185			
6.54500		.3335			
7.54500		.3752			

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS40) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.413 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .894 RN/L (1) = 1.968 P = 565.11 PT = 949.86 TTF = 76.182 Q = 316.33

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0119		-.0149	.0084		.0167			.0154		-.0379	-.0432
-2.51500				.0031		-.0153	.0250		.0101			-.0432		-.0290	-.0468
-1.51500				.0127		.0202	.0206		.0202			.0118		.0105	-.0344
-.51500				-.0162		.0242	.0237		.0013			.0025		-.0530	-.0113
.51500	-.0254	-.0308	-.0237		-.0068			.0476		.0510	.0454		.0428		
1.51500	-.0059	-.0317	-.0036		-.0326			.0355		.0450	.0381		.0342		
2.51500	-.0428	-.0526	-.0646		-.0575			.0192		.0175	.0106		.0097		
3.51500	-.0913	-.0303	-.0770		-.0873			.0015		-.0049	-.0041		-.0015		
4.54500				-.0665		-.0883	-.1083		-.0674			-.0474		-.0766	-.0717
5.54500				-.0794		-.1167	-.1065		-.0474			-.0584		-.0664	-.0832
6.54500				-.0643		-.0554	-.1007		-.0874			-.0487		-.0836	-.0593
7.54500				-.0634		-.0225	-.0776		-.0874			-.0602		-.0770	-.0615

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0559			
-2.51500		-.0488			
-1.51500		-.0259			
-.51500		-.0224			
.51500	-.0715		-.0311	-.0111	-.0235
1.51500	-.0400		-.0306	-.0084	-.0004
2.51500	-.0271		-.0324	-.0609	-.0546
3.51500	-.0209		-.0666	-.0609	-.0546
4.54500		-.0801			
5.54500		-.1000			
6.54500		-.1062			
7.54500		-.0316			

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS40)

MACH (2) = 1.250 RN/L (1) = 2.026 P = 343.73 PT = 890.45 TTF = 64.560 Q = 375.98

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0052		-.0253	-.0015		-.0026			-.0038		-.0653	-.0683
-2.51500				-.0126		-.0342	.0011		-.0193			-.0701		-.0589	-.0754
-1.51500				-.0030		.0007	-.0015		-.0067			-.0053		-.0083	-.0533
-.51500				-.0387		.0000	-.0026		-.0253			-.0113		-.0791	-.0271
.51500	-.0159	-.0249	-.0279		-.0076			.0465		.0468	.0450		.0416		
1.51500	-.0061	-.0343	-.0087		-.0287			.0534		.0505	.0541		.0494		
2.51500	-.0437	-.0238	-.0302		-.0490			.0925		.1121	.1194		.0795		
3.51500	-.0084	.0394	.0262		.0225			.1680		.1767	.1716		.1404		
4.54500				.2127		.2315	.2262		.2292			.2303		.2359	.2310
5.54500				.1902		.1655	.1718		.2037			.1952		.1915	.1863
6.54500				.1508		.1399	.1017		.1092			.1474		.1139	.1482
7.54500				.0938		.1249	.0630		.0439			.0669		.0579	.0855

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0832			
-2.51500		-.0600			
-1.51500		-.0364			
-.51500		-.0375			
.51500	-.0098		-.0087	-.0188	-.0256
1.51500	-.0098		-.0211	.0014	.0018
2.51500	-.0312		-.0338	-.0402	-.0398
3.51500	-.0207		-.0454	-.0443	-.0375
4.54500		.2079			
5.54500		.1814			
6.54500		.1202			
7.54500		.0777			

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS41) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.388 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .899 RN/L (1) = 4.430 P = 1315.5 PT = 2220.8 TTF = 92.757 Q = 743.02

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0025		-.0414	-.0025		.0029			.0177		-.0637	-.0613
-2.51500				-.0114		-.0356	.0120		-.0094			-.0684		-.0592	-.0597
-1.51500				-.0055		.0075	.0083		.0044			.0034		-.0014	-.0450
-.51500				-.0482		.0112	.0122		-.0138			-.0050		-.0909	-.0172
.51500	-.0307	-.0473	-.0454		-.0189			.0636		.0639	.0566		.0515		
1.51500	-.0125	-.0579	-.0104		-.0454			.0445		.0540	.0502		.0425		
2.51500	-.0466	-.0748	-.0892		-.0795			.0278		.0263	.0186		.0171		
3.51500	-.1140	-.0468	-.1060		-.1064			.0127		.0094	.0103		.0100		
4.54500				-.0838		-.1057	-.1165		-.0715			-.0507		-.0806	-.0691
5.54500				-.0908		-.1323	-.1114		-.0462			-.0567		-.0767	-.0911
6.54500				-.0713		-.0600	-.1034		-.0934			-.0507		-.0930	-.0554
7.54500				-.0709		-.0183	-.0825		-.0957			-.0725		-.0855	-.0610

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0686			
-2.51500		-.0558			
-1.51500		-.0276			
-.51500		-.0205			
.51500	-.0720		-.0385	-.0135	-.0391
1.51500	-.0376		-.0383	-.0154	-.0012
2.51500	-.0476		-.0589	-.0739	-.0640
3.51500	-.0262		-.0599	-.0739	-.0648
4.54500		-.0825			
5.54500		-.1045			
6.54500		-.0983			
7.54500		-.1002			

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS41)

MACH (2) = 1.050 RN/L (1) = 4.499 P = 1024.8 PT = 2059.6 TTF = 74.510 Q = 791.56

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0450		-.0932	-.0602		-.0490			-.0354		-.1182	-.0979
-2.51500				-.0025		.0182	.0362		-.0049			-.0249		-.0123	-.0230
-1.51500				.0933		.1079	.1087		.1058			.1042		.0994	.0639
-.51500				.0931		.1373	.1387		.1205			.1223		.0596	.1010
.51500	.0809	.0795	.0684		.1115			.1970		.1872	.1792		.1742		
1.51500	.1022	.0651	.1141		.0902			.1510		.1718	.1599		.1494		
2.51500	.0594	.0289	.0289		.0483			.1071		.1025	.0840		.0890		
3.51500	-.0448	.0229	-.0356		-.0185			.0637		.0485	.0468		.0563		
4.54500				-.0601		-.0840	-.1027		-.0528			-.0292		-.0558	-.0529
5.54500				-.1184		-.1816	-.1626		-.0778			-.0908		-.1191	-.1465
6.54500				-.1655		-.1621	-.2329		-.2036			-.1419		-.2120	-.1557
7.54500				-.1944		-.1520	-.2560		-.2492			-.2192		-.2664	-.2365

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.1043			
-2.51500		-.0791			
-1.51500		.0623			
-.51500		.0854			
.51500	.0065		.0897	.1075	.0776
1.51500	.0812		.0897	.0956	.1036
2.51500	.0810		.0659	.0323	.0449
3.51500	.0812		.0190	.0328	.0079
4.54500		-.0529			
5.54500		-.1403			
6.54500		-.2137			
7.54500		-.2125			

MACH (3) = 1.100 RN/L (1) = 4.566 P = 975.33 PT = 2081.5 TTF = 76.182 Q = 825.49

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				.0559		.0238	.0565		.0507			.0665		.0064	.0103
-2.51500				.0166		-.0072	.0448		.0295			-.0213		-.0380	-.0438
-1.51500				-.0055		.0097	.0104		.0039			.0011		.0016	-.0472
-.51500				-.0627		.0017	.0017		-.0180			-.0173		-.0935	-.0256
.51500	.0887	.1027	.1210		.1415			.1209		.1165	.1143		.1089		
1.51500	.1486	.1251	.1676		.1469			.1123		.1189	.1117		.1080		
2.51500	.1117	.0890	.0955		.1084			.1183		.1133	.1067		.1059		
3.51500	.0345	.0846	.0359		.0369			.1246		.1100	.1060		.1199		
4.54500				.0066		-.0108	-.0397		.0103			.0379		.0077	.0109

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS41)

MACH (3) = 1.100 RN/L (1) = 4.566

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					-.0598		-.1150	-.1012		-.0118			-.0283	-.0598	-.0786
6.54500					-.1092		-.1037	-.1810		-.1412			-.0809	-.1511	-.1005
7.54500					-.1684		-.1092	-.2157		-.2229			-.1830	-.2406	-.1931

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0086			
-2.51500		-.0329			
-1.51500		-.0072			
-.51500		-.0266			
.51500	.0640		.0942	.1036	.0596
1.51500	.0640		.0947	.1423	.1401
2.51500	.1203		.1189	.0950	.0964
3.51500	.1360		.0942	.0944	.0603
4.54500		.0029			
5.54500		-.0819			
6.54500		-.1390			
7.54500		-.1845			

MACH (4) = 1.249 RN/L (1) = 4.559 P = 814.07 PT = 2106.2 TTF = 84.693 Q = 889.11

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0148		-.0495	-.0135		-.0166			-.0143	-.0982	-.0935
-2.51500					-.0371		-.0648	-.0140		-.0358			-.0947	-.0865	-.0955
-1.51500					-.0311		-.0105	-.0165		-.0216			-.0250	-.0219	-.0681
-.51500					-.0728		-.0196	-.0205		-.0502			-.0276	-.1142	-.0459
.51500	-.0255	-.0417	-.0455		-.0166				.0499		.0520	.0489		.0494	
1.51500	-.0170	-.0548	-.0151		-.0459				.0486		.0497	.0548		.0495	
2.51500	-.0702	-.0656	-.0738		-.0813				.0757		.1043	.1112		.0651	
3.51500	-.0388	-.0082	-.0550		-.0195				.1642		.1736	.1688		.1408	
4.54500				.2193		.2294	.2272			.2343			.2372		.2391	.2334
5.54500				.1818		.1515	.1645			.2006			.1924		.1798	.1564
6.54500				.1295		.1286	.0816			.0919			.1310		.0918	.1236
7.54500				.0697		.1083	.0398			.0030			.0448		.0207	.0387

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0876			
-2.51500		-.0803			

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS41)

MACH (4) = 1.249 RN/L (1) = 4.559

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		-.0483			
-.51500		-.0461			
.51500	-.0386		-.0109	-.0210	-.0305
1.51500	-.0384		-.0449	-.0029	-.0023
2.51500	-.0552		-.0500	-.0568	-.0590
3.51500	.0245		-.0624	-.0570	-.0657
4.54500		.2129			
5.54500		.1713			
6.54500		.1001			
7.54500		.0639			

MACH (5) = 1.396 RN/L (1) = 4.508 P = 685.34 PT = 2167.8 TTF = 95.588 Q = 934.46

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0184		-.0522	-.0214		-.0152			-.0017		-.0746	-.0787
-2.51500					-.0353		-.0673	-.0196		-.0365			-.0879		-.0909	-.1034
-1.51500					-.0340		-.0063	-.0070		-.0193			-.0335		-.0154	-.0554
-.51500					-.0782		-.0196	-.0183		-.0382			-.0299		-.1165	-.0492
.51500	-.0405	-.0589	-.0616		-.0237				.0340		.0317	.0312		.0314		
1.51500	-.0077	-.0475	-.0187		-.0484				.0334		.0340	.0341		.0325		
2.51500	-.0458	-.0565	-.0669		-.0640				.0374		.0407	.0416		.0343		
3.51500	-.0848	-.0289	-.0887		-.0716				.0518		.0511	.0445		.0375		
4.54500					-.0494		-.0759	-.0849		-.0475			-.0391		-.0661	-.0673
5.54500					-.0644		-.0906	-.0635		-.0244			-.0469		-.0491	-.0669
6.54500					.0948		.1928	.2055		.2058			.2145		.2059	.1872
7.54500					.1832		.2061	.1678		.1615			.1734		.1522	.1680

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0887			
-2.51500		-.0876			
-1.51500		-.0443			
-.51500		-.0454			
.51500	-.0651		-.0335	-.0230	-.0354
1.51500	-.0648		-.0341	-.0130	.0007
2.51500	-.0638		-.0525	-.0595	-.0725
3.51500	-.0229		-.0654	-.0516	-.0540
4.54500		-.0742			
5.54500		-.0762			
6.54500		.0941			

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS41)

MACH (5) = 1.396 RN/L (1) = 4.508

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
7.54500		.1686			

OA-252 (P90+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS42) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.272 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .903 RN/L (1) = 5.980 P = 1794.3 PT = 3046.2 TTF = 100.62 Q = 1025.2

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0025		-.0466	-.0081		.0000			.0119		-.0763	-.0583
-2.51500					-.0180		-.0388	.0088		-.0139			-.0711		-.0541	-.0671
-1.51500					-.0094		.0002	.0084		.0026			.0013		-.0074	-.0494
-.51500					-.0483		.0046	.0068		-.0181			-.0039		-.1023	-.0261
.51500	-.0336	-.0572	-.0500			-.0241			.0620			.0601		.0589		.0558
1.51500	-.0120	-.0651	-.0125			-.0490			.0435			.0549		.0512		.0421
2.51500	-.0447	-.0827	-.0933			-.0788			.0288			.0276		.0243		.0190
3.51500	-.1034	-.0557	-.1047			-.1146			.0181			.0091		.0139		.0113
4.54500					-.0916		-.1146	-.1172		-.0771			-.0519		-.0836	-.0680
5.54500					-.0965		-.1351	-.1161		-.0490			-.0623		-.0807	-.0853
6.54500					-.0725		-.0688	-.1098		-.0839			-.0494		-.1080	-.0544
7.54500					-.0775		-.0230	-.0890		-.0897			-.0650		-.0856	-.0623

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0717			
-2.51500		-.0565			
-1.51500		-.0250			
-.51500		-.0275			
.51500	-.0741		-.0477	-.0145	-.0403
1.51500	-.0403		-.0478	-.0180	.0011
2.51500	-.0547		-.0591	-.0670	-.0630
3.51500	-.0203		-.0814	-.0669	-.0678
4.54500		-.0777			
5.54500		-.0923			
6.54500		-.1084			
7.54500		-.0991			

OA-252 (PS0+A+S) SURFACE PRESS ON 90 DEG PANEL (R3TS42)

MACH (2) = 1.252 RN/L (1) = 6.030 P = 1097.7 PT = 2851.0 TTF = 94.242 Q = 1204.4

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0137		-.0518	-.0197		-.0181			-.0136		-.0942	-.0929
-2.51500				-.0403		-.0636	-.0133		-.0346			-.1044		-.1013	-.1081
-1.51500				-.0333		-.0128	-.0137		-.0201			-.0271		-.0269	-.0784
-.51500				-.0832		-.0260	-.0252		-.0520			-.0367		-.1130	-.0527
.51500	-.0286	-.0557	-.0528		-.0191			.0462		.0473	.0505		.0463		
1.51500	-.0190	-.0579	-.0124		-.0487			.0458		.0480	.0526		.0485		
2.51500	-.0700	-.0741	-.0809		-.0904			.0680		.0962	.1048		.0622		
3.51500	-.0942	-.0319	-.0755		-.0429			.1314		.1595	.1507		.1198		
4.54500				.2084		.2232	.2180		.2275			.2375		.2339	.2259
5.54500				.1784		.1449	.1572		.2010			.1887		.1703	.1537
6.54500				.1219		.1236	.0750		.0872			.1268		.0842	.1239
7.54500				.0593		.1031	.0286		-.0084			.0373		.0119	.0512

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.1056			
-2.51500		-.0911			
-1.51500		-.0505			
-.51500		-.0503			
.51500	-.0459		-.0261	-.0326	-.0375
1.51500	-.0461		-.0413	-.0028	-.0057
2.51500	-.0553		-.0521	-.0532	-.0583
3.51500	-.0038		-.0653	-.0632	-.0762
4.54500		.1813			
5.54500		.1655			
6.54500		.0949			
7.54500		.0500			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS43) (11 APR 80)

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 = .6570

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = -.020
STEP-A = -.020

MACH (1) = .600 RN/L (1) = 4.516 P = 2122.5 PT = 2706.7 TTF = 72.489 Q = 534.37

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0201		-.0529	-.0207		-.0098			.0042		-.0196	-.0169
-2.51500				-.0257		-.0527	-.0072		-.0305			-.0497		-.0441	-.0304
-1.51500				-.0215		-.0082	-.0117		-.0080			-.0026		.0021	-.0172
-.51500				-.0554		-.0138	-.0114		-.0109			.0185		.0478	-.0011
.51500	-.0316	-.0597	-.0466		-.0377			-.0210		.0050	.0121		.0405		
1.51500	-.0183	-.0482	-.0112		-.0560			-.0458		-.0818	-.0619		-.0006		
2.51500	-.0358	-.0426	-.0586		-.0377			.0080		-.0430	-.0608		-.0190		
3.51500	-.0597	-.0243	-.0542		-.0240			.1333		.0836	.0126		.0246		
4.54500				-.0455		-.0791	-.1048		-.0602			-.0366		-.0529	-.0319
5.54500				-.0301		-.0468	-.0841		-.0183			-.0194		-.0105	-.0495
6.54500				-.0235		-.0122	-.0804		-.0589			-.0115		-.0115	-.0293
7.54500				-.0222		-.0057	-.0421		-.0584			-.0395		-.0311	-.0230

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0132			
-2.51500		-.0032			
-1.51500		-.0149			
-.51500		.0011			
.51500	-.0605		-.0447	.0015	-.0384
1.51500	-.0006		-.0447	-.0079	-.0053
2.51500	-.0263		-.0447	-.0421	-.0376
3.51500	-.0426		-.0468	-.0505	-.0374
4.54500		-.0280			
5.54500		-.0432			
6.54500		-.0476			
7.54500		.0069			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS43)

MACH (2) = .799 RN/L (1) = 4.527 P = 1501.5 PT = 2286.6 TTF = 74.022 Q = 670.98

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0231		-.0563	-.0240		-.0037			.0091		-.0278	-.0152
-2.51500				-.0172		-.0479	-.0077		-.0240			-.0422		-.0350	-.0360
-1.51500				-.0168		-.0003	-.0102		.0005			.0013		.0061	-.0154
-.51500				-.0510		-.0153	.0014		-.0100			.0217		.0348	.0051
.51500	-.0369	-.0517	-.0463		-.0264			-.0042		.0153	.0178		.0461		
1.51500	-.0025	-.0431	-.0092		-.0454			-.0303		-.0561	-.0455		.0117		
2.51500	-.0256	-.0389	-.0425		-.0276			.0094		-.0299	-.0492		-.0073		
3.51500	-.0448	-.0182	-.0415		-.0159			.1139		.0750	.0276		.0265		
4.54500				-.0376		-.0619	-.0989		-.0475			-.0249		-.0440	-.0324
5.54500				-.0159		-.0477	-.0604		.0042			-.0098		-.0082	-.0392
6.54500				-.0100		.0031	-.0504		-.0282			-.0032		-.0005	.0012
7.54500				-.0065		.0138	-.0201		-.0429			-.0123		-.0155	-.0005

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		.0150			
-2.51500		.0042			
-1.51500		-.0051			
-.51500		-.0046			
.51500	-.0505		-.0319	.0021	-.0296
1.51500	.0069		-.0319	-.0017	.0019
2.51500	-.0180		-.0319	-.0375	-.0231
3.51500	-.0187		-.0508	-.0296	-.0342
4.54500		-.0136			
5.54500		-.0284			
6.54500		-.0173			
7.54500		.0264			

MACH (3) = .898 RN/L (1) = 4.581 P = 1298.5 PT = 2191.8 TTF = 73.221 Q = 733.20

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0225		-.0508	-.0353		-.0070			.0091		-.0253	-.0246
-2.51500				-.0217		-.0487	-.0116		-.0258			-.0474		-.0327	-.0478
-1.51500				-.0227		-.0132	-.0178		-.0093			-.0122		-.0041	-.0244
-.51500				-.0630		-.0070	-.0004		-.0126			.0153		.0404	-.0079
.51500	-.0399	-.0519	-.0628		-.0267			-.0003		.0121	.0173		.0523		
1.51500	-.0098	-.0544	-.0165		-.0613			-.0418		-.0545	-.0509		.0098		
2.51500	-.0330	-.0615	-.0651		-.0346			-.0092		-.0414	-.0638		-.0190		
3.51500	-.0574	-.0205	-.0521		-.0267			.1040		.0799	.0261		.0242		
4.54500				-.0469		-.0736	-.1079		-.0617			-.0340		-.0479	-.0368

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS43)

MACH (3) = .898 RN/L (1) = 4.581

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					-.0258		-.0642	-.0747		-.0221			-.0169	-.0246	-.0577
6.54500					-.0162		-.0143	-.0726		-.0436			-.0024	-.0120	-.0259
7.54500					-.0116		.0063	-.0331		-.0651			-.0165	-.0278	-.0165

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0168			
-2.51500		.0045			
-1.51500		-.0099			
-.51500		-.0048			
.51500	-.0540		-.0386	-.0016	-.0247
1.51500	.0019		-.0382	-.0099	-.0047
2.51500	-.0413		-.0382	-.0559	-.0420
3.51500	-.0413		-.0393	-.0266	-.0451
4.54500		-.0144			
5.54500		-.0483			
6.54500		-.0389			
7.54500		.0106			

MACH (4) = 1.053 RN/L (1) = 4.551 P = 1037.6 PT = 2092.8 TTF = 76.599 Q = 806.04

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0226		-.0572	-.0266		-.0162			.0068	-.0245	-.0213
-2.51500					-.0277		-.0526	-.0109		-.0296			-.0579	-.0435	-.0542
-1.51500					-.0219		-.0074	-.0190		-.0169			-.0164	-.0064	-.0307
-.51500					-.0607		-.0095	-.0042		-.0115			.0171	.0264	-.0143
.51500	-.0382	-.0584	-.0619			-.0340			.0091		.0138	.0138		.0372	
1.51500	-.0235	-.0581	-.0216			-.0375			-.0359		-.0566	-.0403		.0208	
2.51500	-.0358	-.0411	-.0549			-.0445			-.0118		-.0364	-.0494		-.0162	
3.51500	-.0354	-.0137	-.0591			-.0212			.0913		.0723	.0289		.0216	
4.54500					-.0416		-.0732	-.1155		-.0551			-.0390	-.0549	-.0341
5.54500					-.0216		-.0558	-.0700		-.0120			-.0115	-.0372	-.0513
6.54500					-.0127		.0038	-.0507		-.0349			.0104	.0012	-.0077
7.54500					.0169		.0432	-.0105		-.0284			.0135	.0052	.0052

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0108			
-2.51500		.0031			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS43)

MACH (4) = 1.053 RN/L (1) = 4.551

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		-.0177			
-.51500		-.0163			
.51500	-.0542		-.0376	-.0011	-.0304
1.51500	-.0186		-.0385	-.0063	-.0074
2.51500	-.0336		-.0430	-.0338	-.0472
3.51500	-.0337		-.0751	-.0585	-.0411
4.54500		-.0214			
5.54500		-.0482			
6.54500		-.0251			
7.54500		.0422			

MACH (5) = 1.099 RN/L (1) = 4.544 P = 971.79 PT = 2073.0 TTF = 76.425 Q = 821.95

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0180		-.0485	-.0362		-.0123		.0130		-.0245	-.0297
-2.51500					-.0272		-.0541	-.0159		-.0329		-.0521		-.0454	-.0556
-1.51500					-.0208		.0056	-.0229		-.0185		-.0068		.0046	-.0314
-.51500					-.0544		.0049	.0101		-.0076		.0137		.0444	.0010
.51500	-.0267	-.0476	-.0559		-.0230				.0244		.0273	.0158	.0529		
1.51500	-.0072	-.0456	-.0185		-.0500				-.0192		-.0386	-.0361	.0120		
2.51500	-.0135	-.0228	-.0488		-.0312				.0040		-.0088	-.0396	-.0197		
3.51500	-.0201	.0262	-.0291		-.0087				.0924		.0952	.0467	.0356		
4.54500				.0224			-.0552	-.0873		-.0491		.0196		-.0410	-.0288
5.54500				.0080			.0029	-.0508		.0239		.0373		.0375	-.0161
6.54500				.0371			.1009	.0313		.0298		.0685		.0849	.0537
7.54500				.1116			.1282	.0797		.0494		.0787		.0977	.0769

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0082			
-2.51500		-.0056			
-1.51500		-.0221			
-.51500		-.0094			
.51500	-.0271		-.0256	.0018	-.0218
1.51500	.0041		-.0258	-.0067	.0053
2.51500	-.0235		-.0263	-.0359	-.0396
3.51500	-.0235		-.0271	-.0354	-.0468
4.54500		-.0064			
5.54500		.0149			
6.54500		.0459			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS43)

MACH (5) = 1.099 RN/L (1) = 4.544

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
7.54500		.1021			

MACH (6) = 1.249 RN/L (1) = 4.606 P = 810.53 PT = 2096.3 TTF = 78.617 Q = 884.86

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0098		-.0452	-.0210		-.0156			.0030		-.0280	-.0335
-2.51500				-.0236		-.0507	-.0110		-.0318			-.0631		-.0423	-.0578
-1.51500				-.0186		-.0068	-.0202		-.0166			-.0147		-.0066	-.0293
-.51500				-.0591		-.0069	.0024		-.0071			.0091		.0342	-.0123
.51500	-.0332	-.0493	-.0515		-.0231			.0210		.0318	.0246		.0510		
1.51500	-.0102	-.0515	-.0102		-.0509			-.0302		-.0371	-.0320		.0103		
2.51500	-.0391	-.0664	-.0715		-.0394			.0009		-.0232	-.0415		-.0156		
3.51500	-.0681	-.0212	-.0518		-.0076			.0935		.0954	.0504		.0379		
4.54500				-.0356		-.0843	-.1231		-.0887			-.0528		-.0710	-.0371
5.54500				-.0539		-.0965	-.1126		-.0418			-.0514		-.0631	-.0791
6.54500				-.0481		-.0464	-.1029		-.0819			-.0336		-.0449	-.0555
7.54500				-.0298		- 0100	-.0493		-.0712			-.0419		-.0622	-.0514

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0046			
-2.51500		-.0077			
-1.51500		-.0212			
-.51500		-.0130			
.51500	-.0513		-.0258	.0118	-.0255
1.51500	-.0057		-.0258	.0075	.0066
2.51500	-.0162		-.0258	-.0338	-.0346
3.51500	-.0287		-.0513	-.0340	-.0414
4.54500		-.0256			
5.54500		-.0650			
6.54500		-.0737			
7.54500		-.0224			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS43)

MACH (7) = 1.407 RN/L (1) = 4.592 P = 664.83 PT = 2136.0 TTF = 82.091 Q = 920.93

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0218		-.0580	-.0294		-.0238			-.0130		-.0449	-.0428
-2.51500				-.0334		-.0588	-.0223		-.0412			-.0657		-.0541	-.0606
-1.51500				-.0246		-.0165	-.0265		-.0227			-.0300		-.0189	-.0317
-.51500				-.0676		-.0165	-.0112		-.0283			-.0223		.0171	-.0203
.51500	-.0381	-.0598	-.0521		-.0186			.0145		.0271	.0255		.0508		
1.51500	-.0111	-.0367	.0018		-.0386			-.0306		-.0349	-.0203		.0122		
2.51500	-.0413	-.0513	-.0701		-.0361			-.0043		-.0242	-.0324		-.0090		
3.51500	-.0997	-.0372	-.0674		-.0238			.0717		.0874	.0590		.0463		
4.54500				-.0380		-.0880	-.1252		-.0869			-.0533		-.0696	-.0330
5.54500				-.0496		-.0879	-.0996		-.0324			-.0495		-.0551	-.0708
6.54500				-.0468		-.0364	-.0914		-.0649			-.0313		-.0350	-.0383
7.54500				-.0343		-.0187	-.0598		-.0833			-.0507		-.0688	-.0575

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0033			
-2.51500		-.0181			
-1.51500		-.0132			
-.51500		-.0212			
.51500	-.0684		-.0353	.0097	-.0287
1.51500	-.0094		-.0348	.0215	.0204
2.51500	-.0100		-.0223	-.0356	-.0344
3.51500	-.0195		-.0448	-.0354	-.0453
4.54500		-.0281			
5.54500		-.0540			
6.54500		-.0644			
7.54500		-.0283			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS44) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .020
STEP-A = .020

MACH (1) = .599 RN/L (1) = 4.484 P = 2124.6 PT = 2706.7 TTF = 74.824 Q = 532.64

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0124		-.0512	-.0235		-.0087			-.0094		-.0880	-.0423
-2.51500				-.0129		-.0156	-.0110		-.0265			-.0720		-.0588	-.0795
-1.51500				-.0153		.0076	.0105		.0038			-.0221		-.0118	-.0482
-.51500				-.0278		.0256	.0461		.0009			-.0089		-.0105	-.0362
.51500	-.0357	-.0510	-.0310		.0228			.0498		-.0066	.0100		-.0305		
1.51500	-.0052	-.0531	-.0091		-.0194			.0054		-.0754	-.1033		-.0464		
2.51500	-.0363	-.0626	-.0895		-.0721			-.0287		-.0772	-.0469		.0046		
3.51500	-.0737	-.0389	-.0656		-.1040			.0395		.0118	.0882		.1306		
4.54500				-.0551		-.0917	-.0559		-.0548			-.0364		-.0721	-.0479
5.54500				-.0374		-.0627	-.0205		-.0198			-.0429		-.0553	-.0390
6.54500				-.0258		-.0061	-.0190		-.0585			-.0222		-.0314	-.0295
7.54500				-.0242		-.0105	-.0274		-.0854			-.0532		-.0472	-.0164

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0386			
-2.51500		-.0083			
-1.51500		-.0354			
-.51500		-.0344			
.51500	-.0307		-.0339	-.0159	-.0434
1.51500	-.0310		-.0333	-.0170	-.0101
2.51500	-.0312		-.0339	-.0434	-.0487
3.51500	.0095		-.0339	-.0460	-.0286
4.54500		-.0435			
5.54500		-.0514			
6.54500		-.0661			
7.54500		-.0064			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS44)

MACH (2) = .800 RN/L (1) = 4.479 P = 1497.3 PT = 2282.4 TTF = 77.886 Q = 670.73

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0036		-.0438	-.0117		-.0155			.0073		-.0805	-.0402
-2.51500				-.0172		-.0191	-.0038		-.0252			-.0862		-.0674	-.0647
-1.51500				-.0097		.0063	.0061		.0131			-.0138		-.0134	-.0501
-.51500				-.0256		.0323	.0531		.0203			-.0064		-.0060	-.0276
.51500	-.0213	-.0419	-.0176		.0252			.0655		.0174	.0180		-.0122		
1.51500	-.0046	-.0505	.0040		-.0140			.0101		-.0599	-.0572		-.0380		
2.51500	-.0295	-.0620	-.0804		-.0574			-.0162		-.0717	-.0452		.0168		
3.51500	-.0754	-.0192	-.0716		-.0750			.0404		.0217	.0861		.1124		
4.54500				-.0395		-.0692	-.0403		-.0510			-.0310		-.0471	-.0358
5.54500				-.0288		-.0569	-.0068		.0011			-.0262		-.0425	-.0369
6.54500				-.0087		.0034	-.0104		-.0355			-.0033		-.0116	-.0168
7.54500				-.0056		.0068	-.0033		-.0521			-.0289		-.0350	-.0097

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0284			
-2.51500		-.0084			
-1.51500		-.0200			
-.51500		-.0276			
.51500	.0007		-.0182	-.0060	-.0398
1.51500	-.0203		-.0182	-.0085	.0022
2.51500	-.0203		-.0316	-.0375	-.0362
3.51500	.0106		-.0305	-.0303	-.0177
4.54500		-.0460			
5.54500		-.0291			
6.54500		-.0399			
7.54500		.0137			

MACH (3) = .900 RN/L (1) = 4.528 P = 1292.9 PT = 2186.2 TTF = 77.226 Q = 732.68

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0199		-.0590	-.0228		-.0120			-.0135		-.0966	-.0567
-2.51500				-.0158		-.0257	-.0031		-.0313			-.0850		-.0765	-.0719
-1.51500				-.0065		.0072	.0039		.0041			-.0137		-.0127	-.0538
-.51500				-.0352		.0194	.0385		.0033			-.0141		-.0050	-.0486
.51500	-.0326	-.0504	-.0324		.0201			.0451		.0116	.0094		-.0092		
1.51500	-.0127	-.0393	.0000		-.0295			.0042		-.0654	-.0615		-.0461		
2.51500	-.0255	-.0561	-.0837		-.0644			-.0211		-.0667	-.0429		.0018		
3.51500	-.0925	-.0349	-.0860		-.0912			.0252		.0204	.0760		.1179		
4.54500				-.0550		-.0913	-.0626		-.0580			-.0442		-.0776	-.0566

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS44)

MACH (3) = .900 RN/L (1) = 4.528

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					-.0355		-.0588	-.0226		-.0217			-.0387	-.0442	-.0576
6.54500					-.0205		-.0004	-.0224		-.0389			-.0177	-.0152	-.0212
7.54500					-.0217		-.0001	-.0270		-.0695			-.0481	-.0484	-.0204

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0320			
-2.51500		-.0144			
-1.51500		-.0326			
-.51500		-.0357			
.51500	-.0310		-.0312	-.0130	-.0387
1.51500	-.0310		-.0310	-.0176	-.0118
2.51500	-.0312		-.0312	-.0333	-.0371
3.51500	.0009		-.0312	-.0371	-.0371
4.54500		-.0431			
5.54500		-.0553			
6.54500		-.0448			
7.54500		-.0019			

MACH (4) = 1.049 RN/L (1) = 4.532 P = 1031.2 PT = 2068.1 TTF = 73.116 Q = 793.86

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0028		-.0358	-.0121		.0036			.0065	-.0678	-.0464
-2.51500					-.0184		-.0125	.0027		-.0155			-.0738	-.0521	-.0694
-1.51500					.0042		.0172	.0316		.0196			.0025	.0115	-.0106
-.51500					.0276		.0581	.0739		.0681			.0655	.0520	.0190
.51500	.0461	.0241	.0432			.0822			.1076		.1076	.0982		.0711	
1.51500	.0751	.0454	.0739			.0514			.0871		.0682	.0471		.0503	
2.51500	.0866	.0578	.0507			.0473			.0548		.0491	.0656		.0744	
3.51500	.0872	.1093	.0893			.0815			.0920		.0971	.1379		.1439	
4.54500					.1335		.1204	.1453		.1566			.1591	.1381	.1432
5.54500					.1771		.1580	.1823		.1984			.1871	.1580	.1628
6.54500					.2088		.2125	.2129		.2053			.2174	.2069	.2148
7.54500					.2378		.2336	.2198		.2122			.2262	.2121	.2262

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0202			
-2.51500		.0037			

OA-252 (. P90) SURFACE PRESS ON 90 DEG PANEL (R3TS44)

MACH (4) = 1.049 RN/L (1) = 4.532

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		-.0104			
-.51500		.0074			
.51500	.1281		.0514	.0452	.0280
1.51500	.0817		.0514	.0838	.0716
2.51500	.0817		.0514	.1013	.0939
3.51500	.1566		.0769	.0889	.1320
4.54500		.1364			
5.54500		.1603			
6.54500		.1866			
7.54500		.2388			

MACH (5) = 1.103 RN/L (1) = 4.515 P = 951.99 PT = 2039.8 TTF = 72.698 Q = 810.43

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0020		-.0219	.0072		.0106			.0109		-.0572	-.0415
-2.51500				-.0096		-.0098	.0041		-.0145			-.0617		-.0544	-.0745
-1.51500				-.0073		.0048	.0058		.0111			-.0038		.0015	-.0445
-.51500				-.0485		.0136	.0316		.0053			.0046		.0172	-.0251
.51500	-.0293	-.0316	-.0270		.0107			.0602		.0596	.0382		.0184		
1.51500	-.0062	-.0362	.0009		-.0048			.0320		.0007	-.0174		-.0214		
2.51500	-.0018	-.0097	-.0566		-.0422			.0003		-.0125	-.0049		.0074		
3.51500	.0060	.0275	.0004		-.0048			.0414		.0625	.0893		.0903		
4.54500				.0714		.0502	.0672		.0911			.1135		.0788	.0916
5.54500				.1730		.1213	.1260		.1711			.1626		.1313	.1139
6.54500				.1931		.2127	.1882		.1789			.1928		.2080	.1968
7.54500				.2218		.2302	.2179		.2222			.2110		.2153	.2224

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0102			
-2.51500		.0046			
-1.51500		-.0223			
-.51500		-.0268			
.51500	.0660		.0161	-.0009	-.0279
1.51500	.0262		-.0166	-.0018	.0067
2.51500	-.0079		-.0166	.0102	.0159
3.51500	.0687		.0397	.0303	.0666
4.54500		.0783			
5.54500		.1405			
6.54500		.1826			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS44)

MACH (5) = 1.103 RN/L (1) = 4.515

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
7.54500		.2428			

MACH (6) = 1.250 RN/L (1) = 4.559 P = 790.02 PT = 2045.4 TTF = 72.838 Q = 863.55

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0087		-.0394	-.0094		-.0033			-.0014		-.0849	-.0579
-2.51500					-.0147		-.0133	.0005		-.0242			-.0720		-.0648	-.0767
-1.51500					-.0142		.0026	.0035		.0043			-.0153		-.0042	-.0293
-.51500					-.0598		.0117	.0308		.0068			-.0104		.0190	-.0270
.51500	-.0173	-.0314	-.0144			.0234			.0561		.0510	.0429		.0297		
1.51500	-.0111	-.0307	.0154			-.0053			.0259		-.0064	-.0167		-.0140		
2.51500	-.0240	-.0384	-.0477			-.0361			-.0013		-.0209	-.0084		.0085		
3.51500	-.0394	.0048	-.0532			-.0255			.0567		.0695	.0995		.0948		
4.54500					-.0033		-.0192	-.0026		.0148			.0015		-.0244	.0119
5.54500					.0806		-.0046	.0541		.0712			.0475		.0332	.0909
6.54500					.1413		.1546	.1785		.1439			.1625		.1309	.2095
7.54500					.2235		.2165	.2128		.2357			.2484		.2446	.2331

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0279			
-2.51500		-.0039			
-1.51500		-.0193			
-.51500		-.0232			
.51500	.0419		.0002	.0072	-.0181
1.51500	.0161		.0005	.0046	-.0051
2.51500	.0002		-.0166	-.0116	-.0174
3.51500	.0709		-.0165	-.0129	.0321
4.54500		.0078			
5.54500		.0868			
6.54500		.1646			
7.54500		.2565			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS44)

MACH (7) = 1.403 RN/L (1) = 4.611 P = 658.47 PT = 2104.1 TTF = 73.813 Q = 907.16

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0048		-.0388	-.0125		-.0061			.0003		-.0729	-.0560
-2.51500				-.0190		-.0220	-.0051		-.0242			-.0602		-.0707	-.0865
-1.51500				-.0073		.0023	-.0017		-.0020			-.0191		-.0106	-.0333
-.51500				-.0656		-.0015	.0078		-.0114			-.0097		.0142	-.0324
.51500	-.0367	-.0435	-.0303		.0149			.0502		.0360	.0261		.0157		
1.51500	-.0016	-.0270	.0150		-.0038			.0130		-.0246	-.0378		-.0265		
2.51500	-.0239	-.0348	-.0575		-.0387			-.0086		-.0353	-.0226		.0029		
3.51500	-.0764	-.0248	-.0792		-.0530			.0529		.0588	.0933		.0799		
4.54500				-.0547		-.0854	-.0756		-.0668			-.0530		-.0863	-.0610
5.54500				-.0426		-.0742	-.0393		-.0287			-.0542		-.0709	-.0751
6.54500				-.0311		-.0200	-.0544		-.0571			-.0248		-.0318	-.0344
7.54500				-.0329		-.0191	-.0422		-.0643			-.0356		-.0704	-.0273

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0282			
-2.51500		-.0116			
-1.51500		-.0205			
-.51500		-.0278			
.51500	-.0172		-.0133	-.0054	-.0273
1.51500	-.0029		-.0135	.0058	.0056
2.51500	-.0209		-.0136	-.0368	-.0368
3.51500	.0391		-.0172	-.0436	-.0321
4.54500		-.0511			
5.54500		-.0582			
6.54500		-.0656			
7.54500		-.0132			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS45) (11 APR 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
SREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6570

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .020
STEP-A = .020

MACH (1) = 1.404 RN/L (1) = 4.662 P = 658.47 PT = 2108.4 TTF = 70.152 Q = 909.01

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0051		-.0347	-.0075		-.0023			.0008		-.0707	-.0459
-2.51500				-.0213		-.0189	-.0020		-.0197			-.0801		-.0676	-.0860
-1.51500				-.0100		.0098	.0073		-.0021			-.0184		-.0044	-.0261
-.51500				-.0581		.0018	.0141		-.0152			-.0100		.0162	-.0298
.51500	-.0317	-.0363	-.0255		.0199			.0508		.0450	.0324		.0146		
1.51500	-.0093	-.0211	.0219		-.0006			.0134		-.0226	-.0345		-.0261		
2.51500	-.0241	-.0290	-.0514		-.0398			-.0071		-.0300	-.0155		-.0020		
3.51500	-.0724	-.0236	-.0763		-.0485			.0559		.0678	.0940		.0836		
4.54500				-.0517		-.0819	-.0702		-.0616			-.0577		-.0782	-.0565
5.54500				-.0422		-.0730	-.0312		-.0241			-.0531		-.0725	-.0545
6.54500				-.0252		-.0021	-.0432		-.0585			-.0244		-.0261	-.0336
7.54500				-.0305		-.0128	-.0308		-.0560			-.0326		-.0671	-.0089

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0256			
-2.51500		-.0093			
-1.51500		-.0237			
-.51500		-.0256			
.51500	-.0128		-.0103	-.0020	-.0276
1.51500	-.0094		-.0100	.0117	.0075
2.51500	-.0041		-.0100	-.0321	-.0361
3.51500	.0452		-.0134	-.0088	-.0305
4.54500		-.0511			
5.54500		-.0557			
6.54500		-.0656			
7.54500		.0984			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS46) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .160

MACH (1) = .600 RN/L (1) = 4.504 P = 2142.3 PT = 2731.5 TTF = 77.226 Q = 538.94

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0146		-.0370	-.0125		-.0018			.0013		-.0596	-.0278
-2.51500				-.0118		-.0118	.0003		-.0123			-.0643		-.0470	-.0467
-1.51500				.0051		.0266	.0282		.0261			.0013		.0084	-.0276
-.51500				.0030		.0529	.0836		.0261			.0008		.0066	-.0157
.51500	-.0348	-.0426	-.0116		.0649			.0778		-.0101	.0337		-.0225		
1.51500	-.0043	-.0564	.0014		-.0043			.0160		-.0858	-.0985		-.0357		
2.51500	-.0319	-.0733	-.0960		-.0939			.0008		-.0967	-.0374		.0520		
3.51500	-.0418	-.0473	-.0957		-.1475			.0788		.0284	.1234		.1753		
4.54500				-.0769		-.0895	-.0895		-.1129			-.1113		-.1453	-.1168
5.54500				-.0540		-.0738	-.0396		-.0446			-.0716		-.0789	-.0739
6.54500				-.0308		-.0276	-.0237		-.0722			-.0389		-.0584	-.0482
7.54500				-.0297		-.0216	-.0054		-.1096			-.0913		-.0911	-.0477

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0144			
-2.51500		.0018			
-1.51500		-.0118			
-.51500		-.0184			
.51500	.0702		-.0269	-.0071	-.0478
1.51500	-.0311		-.0397	-.0016	.0088
2.51500	-.0299		-.0126	-.0019	-.0327
3.51500	.1051		.0075	-.0227	-.0426
4.54500		-.0939			
5.54500		-.0729			
6.54500		-.0802			
7.54500		-.0389			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS46)

MACH (2) = .799 RN/L (1) = 4.460 P = 1491.6 PT = 2271.0 TTF = 77.365 Q = 666.20

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0105		-.0371	-.0080		-.0005			.0038		-.0467	-.0178
-2.51500				-.0146		-.0103	.0129		-.0078			-.0618		-.0457	-.0467
-1.51500				.0046		.0310	.0374		.0267			.0059		.0108	-.0255
-.51500				.0037		.0706	.0842		.0395			.0104		.0229	-.0013
.51500	-.0233	-.0218	.0015		.0688			.0725		.0030	.0448		.0018		
1.51500	.0013	-.0362	.0205		.0095			.0297		-.0752	-.0791		-.0150		
2.51500	-.0290	-.0553	-.0777		-.0640			.0098		-.0865	-.0250		.0661		
3.51500	-.0332	-.0336	-.0901		-.1175			.0838		.0348	.1378		.1821		
4.54500				-.0705		-.0677	-.0854		-.1130			-.1111		-.1388	-.1149
5.54500				-.0437		-.0682	-.0267		-.0317			-.0597		-.0725	-.0572
6.54500				-.0347		-.0084	-.0094		-.0583			-.0326		-.0429	-.0330
7.54500				-.0174		.0017	.0104		-.0844			-.0754		-.0735	-.0227

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0127			
-2.51500		.0064			
-1.51500		-.0085			
-.51500		-.0036			
.51500	.0933		-.0213	.0068	-.0445
1.51500	-.0107		-.0217	.0177	.0171
2.51500	.0270		-.0086	-.0126	-.0181
3.51500	.1110		.0230	-.0105	-.0223
4.54500		-.0947			
5.54500		-.0557			
6.54500		-.0570			
7.54500		-.0143			

MACH (3) = .898 RN/L (1) = 4.493 P = 1283.0 PT = 2165.0 TTF = 76.077 Q = 723.98

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0093		-.0481	-.0215		-.0042			.0027		-.0565	-.0338
-2.51500				-.0215		-.0167	.0056		-.0067			-.0637		-.0543	-.0506
-1.51500				.0037		.0233	.0284		.0154			.0018		.0041	-.0289
-.51500				.0042		.0725	.0696		.0413			.0078		.0156	-.0131
.51500	-.0205	-.0323	-.0069		.0715			.0731		-.0005	.0388		.0052		
1.51500	-.0069	-.0447	.0168		.0127			.0225		-.0727	-.0812		-.0137		
2.51500	-.0298	-.0638	-.0981		-.0737			.0037		-.0929	-.0239		.0595		
3.51500	-.0440	-.0560	-.1059		-.1338			.0761		.0305	.1426		.1803		
4.54500				-.0867		-.0867	-.1220		-.1429			-.1600		-.1594	-.1789

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS46)

MACH (3) = .898 RN/L (1) = 4.493

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500				-.0643		-.0914	-.0482		-.0503			-.0879		-.0970	-.0740
6.54500				-.0433		-.0294	-.0319		-.0858			-.0571		-.0622	-.0508
7.54500				-.0338		-.0170	-.0015		-.1053			-.0892		-.0933	-.0529

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0139			
-2.51500		.0102			
-1.51500		-.0147			
-.51500		-.0055			
.51500	.0960		-.0323	.0000	-.0369
1.51500	-.0191		-.0323	.0089	.0070
2.51500	.0280		-.0268	-.0156	-.0307
3.51500	.1430		.0730	-.0200	-.0397
4.54500		-.1256			
5.54500		-.0786			
6.54500		-.0832			
7.54500		-.0372			

MACH (4) = 1.050 RN/L (1) = 4.479 P = 1040.4 PT = 2088.6 TTF = 81.987 Q = 802.20

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0068		-.0408	-.0178		-.0001			.0103		-.0589	-.0370
-2.51500				-.0188		-.0153	.0123		-.0146			-.0586		-.0432	-.0575
-1.51500				.0178		.0499	.0559		.0454			.0177		.0214	-.0024
-.51500				.0414		.1221	.1443		.1115			.0549		.0907	.0279
.51500	.0566	.0579	.0713		.1307			.1400		.1134	.1104		.0675		
1.51500	.0775	.0388	.1051		.0827			.1094		.0356	.0354		.0661		
2.51500	.0421	.0414	.0139		.0166			.0871		.0174	.0669		.1107		
3.51500	.0556	.0825	.0369		.0117			.1308		.1236	.1804		.2447		
4.54500				.0701		.0691	.0408		.0560			.0416		.0144	.0252
5.54500				.1247		.1037	.1316		.1277			.1096		.0897	.1052
6.54500				.1646		.1743	.1615		.1331			.1567		.1595	.1474
7.54500				.1970		.2094	.2094		.1583			.1724		.1574	.1820

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0067			
-2.51500		-.0009			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS46)

MACH (4) = 1.050 RN/L (1) = 4.479

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		-.0125			
-.51500		.0427			
.51500	.1913		.0592	.0660	.0372
1.51500	.0618		.0436	.0888	.0653
2.51500	.1104		.1186	.0881	.0736
3.51500	.2330		.1695	.0886	.1032
4.54500		.0611			
5.54500		.1040			
6.54500		.1096			
7.54500		.1848			

MACH (5) = 1.102 RN/L (1) = 4.549 P = 973.20 PT = 2083.6 TTF = 78.234 Q = 827.56

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0101		-.0166	.0113		.0183			.0324		-.0320	-.0104
-2.51500				-.0058		-.0023	.0195		-.0054			-.0398		-.0320	-.0414
-1.51500				.0020		.0216	.0230		.0255			.0030		.0151	-.0191
-.51500				.0176		.0761	.1054		.0644			.0331		.0423	.0098
.51500	.0063	.0172	.0301		.0975			.1191		.0826	.0777		.0592		
1.51500	.0233	.0085	.0660		.0563			.0737		.0193	-.0086		.0331		
2.51500	.0238	-.0071	-.0095		-.0029			.0615		-.0119	.0277		.0878		
3.51500	.0515	.0566	-.0015		-.0250			.1074		.0943	.1813		.1932		
4.54500				.0517		.0758	.0282		.0510			.0171		.0117	-.0066
5.54500				.1086		.0992	.1184		.1245			.1075		.0936	.1022
6.54500				.1765		.1792	.1854		.1522			.1706		.1675	.1892
7.54500				.2205		.2302	.2161		.1804			.1944		.1863	.2100

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0055			
-2.51500		.0165			
-1.51500		-.0119			
-.51500		-.0073			
.51500	.2067		.0084	.0157	-.0149
1.51500	.0164		-.0105	.0472	.0394
2.51500	.0947		.0605	.0964	.0576
3.51500	.2445		.1685	.0809	.0977
4.54500		.0455			
5.54500		.1037			
6.54500		.1334			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS46)

MACH (5) = 1.102 RN/L (1) = 4.549

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
7.54500		.2120			

MACH (6) = 1.250 RN/L (1) = 4.644 P = 809.82 PT = 2098.5 TTF = 75.694 Q = 886.09

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0131		-.0395	-.0224		-.0086			.0010		-.0606	-.0406
-2.51500				-.0289		-.0277	-.0145		-.0369			-.0856		-.0555	-.0760
-1.51500				-.0200		-.0049	-.0034		.0024			-.0169		-.0051	-.0351
-.51500				-.0195		.0417	.0576		.0270			.0042		.0204	-.0172
.51500	-.0133	-.0140	.0140		.0805			.0937		.0490	.0592		.0378		
1.51500	.0177	-.0006	.0409		.0417			.0495		-.0207	-.0395		.0080		
2.51500	-.0176	-.0289	-.0429		-.0162			.0304		-.0407	.0058		.0737		
3.51500	-.0188	-.0154	-.0738		-.0706			.0842		.0606	.1534		.1869		
4.54500				-.0365		-.0535	-.0907		-.0999			-.1023		-.1524	-.1468
5.54500				-.0637		-.0694	-.0404		-.0472			-.1029		-.1285	-.0920
6.54500				-.0385		.0104	-.0170		-.0597			-.0341		-.0365	-.0257
7.54500				.0646		.0522	.0531		.0112			.0059		-.0020	.0368

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0203			
-2.51500		-.0091			
-1.51500		-.0201			
-.51500		-.0187			
.51500	.1558		-.0032	.0010	-.0248
1.51500	.0089		-.0229	.0056	.0073
2.51500	.0487		.0142	.0134	-.0102
3.51500	.2172		.1558	.0134	.0165
4.54500		-.1171			
5.54500		-.1070			
6.54500		-.0871			
7.54500		.0536			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS46)

MACH (7) = 1.408 RN/L (1) = 4.639 P = 664.83 PT = 2138.8 TTF = 77.608 Q = 922.16

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0125		-.0538	-.0260		-.0198			-.0116		-.0742	-.0557
-2.51500				-.0287		-.0342	-.0232		-.0463			-.0833		-.0700	-.0791
-1.51500				-.0268		-.0155	-.0135		-.0180			-.0291		-.0146	-.0380
-.51500				-.0541		-.0011	.0211		-.0046			-.0203		.0038	-.0232
.51500	-.0278	-.0326	.0077		.0592			.0725		.0503	.0568		.0337		
1.51500	.0139	.0014	.0536		.0407			.0453		-.0120	-.0262		.0051		
2.51500	-.0171	-.0238	-.0401		-.0079			.0260		-.0244	.0052		.0636		
3.51500	-.0454	-.0269	-.0659		-.0601			.0784		.0530	.1309		.1641		
4.54500				-.0805		-.0534	-.0827		-.0964			-.0765		-.1404	-.1270
5.54500				-.0569		-.0798	-.0421		-.0440			-.1015		-.1256	-.1259
6.54500				-.0471		-.0330	-.0358		-.0889			-.0696		-.0741	-.0752
7.54500				-.0488		-.0344	-.0185		-.1096			-.0835		-.1144	-.0656

Y / X	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0276			
-2.51500		-.0197			
-1.51500		-.0177			
-.51500		-.0219			
.51500	.1547		-.0062	.0001	-.0358
1.51500	.0001		-.0251	.0168	.0162
2.51500	.0528		-.0069	-.0028	-.0228
3.51500	.2053		.1573	.0359	-.0065
4.54500		-.1448			
5.54500		-.0987			
6.54500		-.1047			
7.54500		-.0319			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS47) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .017 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 4.521 P = 2251.9 PT = 2877.9 TTF = 99.414 Q = 572.09

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0187		-.0544	-.0290		-.0167			-.0067		-.0445	-.0292
-2.51500				-.0137		-.0251	.0013		-.0233			-.0559		-.0455	-.0551
-1.51500				-.0157		.0063	.0048		.0045			-.0156		-.0121	-.0440
-.51500				-.0406		.0285	.0361		.0048			-.0121		.0099	-.0272
.51500	-.0356	-.0474	-.0376		.0198			.0399		-.0005	.0110		-.0122		
1.51500	-.0091	-.0550	.0015		-.0162			.0091		-.0568	-.0797		-.0401		
2.51500	-.0334	-.0655	-.0891		-.0756			-.0196		-.0730	-.0437		.0158		
3.51500	-.0515	-.0390	-.0756		-.0891			.0322		.0277	.0850		.1196		
4.54500				-.0564		-.0393	-.0571		-.0437			-.0418		-.0621	-.0396
5.54500				-.0162		-.0618	-.0150		-.0179			-.0267		-.0550	-.0514
6.54500				-.0275		-.0084	-.0103		-.0552			-.0201		-.0225	-.0196
7.54500				-.0312		-.0089	.0041		-.0535			-.0482		-.0347	-.0147

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0208			
-2.51500		-.0064			
-1.51500		-.0225			
-.51500		-.0227			
.51500	-.0258		-.0366	-.0068	-.0472
1.51500	-.0255		-.0366	-.0039	.0025
2.51500	-.0260		-.0521	-.0140	-.0422
3.51500	.0054		-.0255	-.0435	-.0363
4.54500		-.0367			
5.54500		-.0423			
6.54500		-.0634			
7.54500		-.0122			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS47)

MACH (2) = .799 RN/L (1) = 4.497 P = 1587.1 PT = 2416.0 TTF = 100.10 Q = 708.56

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0215		-.0429	-.0269		-.0167			-.0014		-.0266	-.0394
-2.51500				-.0201		-.0167	-.0039		-.0309			-.0626		-.0500	-.0516
-1.51500				-.0141		.0003	.0195		.0057			-.0128		-.0066	-.0346
-.51500				-.0301		.0317	.0496		.0051			-.0110		.0174	-.0212
.51500	-.0266	-.0321	-.0278		.0178			.0551		.0302	.0109		-.0132		
1.51500	-.0026	-.0456	.0034		-.0187			.0115		-.0369	-.0583		-.0450		
2.51500	-.0369	-.0533	-.0615		-.0514			-.0095		-.0639	-.0253		.0075		
3.51500	-.0496	-.0214	-.0496		-.0789			.0316		.0352	.0898		.1066		
4.54500				-.0431		-.0221	-.0530		-.0502			-.0277		-.0486	-.0364
5.54500				-.0072		-.0534	-.0108		-.0060			-.0229		-.0320	-.0389
6.54500				-.0108		.0011	.0106		-.0326			-.0008		.0020	.0008
7.54500				-.0167		.0086	.0280		-.0357			-.0316		-.0356	.0123

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0254			
-2.51500		-.0128			
-1.51500		-.0276			
-.51500		-.0210			
.51500	-.0234		-.0210	-.0139	-.0468
1.51500	-.0234		-.0403	-.0016	.0004
2.51500	-.0234		-.0333	-.0220	-.0329
3.51500	.0024		-.0176	-.0224	-.0313
4.54500		-.0275			
5.54500		-.0342			
6.54500		-.0512			
7.54500		.0058			

MACH (3) = .895 RN/L (1) = 4.383 P = 1328.1 PT = 2230.7 TTF = 98.587 Q = 743.50

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0250		-.0555	-.0315		-.0288			-.0063		-.0395	-.0422
-2.51500				-.0303		-.0311	-.0088		-.0357			-.0742		-.0662	-.0763
-1.51500				-.0122		-.0017	.0113		-.0050			-.0096		-.0143	-.0305
-.51500				-.0364		.0201	.0368		-.0004			-.0166		.0049	-.0189
.51500	-.0397	-.0454	-.0424		.0041			.0449		.0243	.0093		-.0198		
1.51500	-.0151	-.0603	-.0025		-.0284			.0014		-.0617	-.0705		-.0529		
2.51500	-.0289	-.0622	-.0781		-.0677			-.0198		-.0654	-.0415		.0001		
3.51500	-.0414	-.0407	-.0842		-.0794			.0330		.0363	.0837		.0889		
4.54500				-.0616		-.0419	-.0656		-.0599			-.0499		-.0631	-.0516

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS47)

MACH (3) = .895 RN/L (1) = 4.383

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					-.0291		-.0724	-.0206		-.0189			-.0405	-.0424	-.0516
6.54500					-.0183		-.0145	-.0157		-.0448			-.0143	-.0143	-.0201
7.54500					-.0140		-.0106	.0015		-.0467			-.0239	-.0461	-.0131

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0332			
-2.51500		-.0134			
-1.51500		-.0309			
-.51500		-.0292			
.51500	-.0326		-.0222	-.0134	-.0582
1.51500	-.0332		-.0529	-.0102	-.0044
2.51500	-.0411		-.0489	-.0354	-.0415
3.51500	.0025		-.0329	-.0354	-.0362
4.54500		-.0420			
5.54500		-.0518			
6.54500		-.0490			
7.54500		-.0007			

MACH (4) = 1.047 RN/L (1) = 4.476 P = 1058.1 PT = 2118.3 TTF = 87.984 Q = 812.31

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0152		-.0530	-.0292		-.0117			-.0029	-.0396	-.0401
-2.51500					-.0222		-.0180	-.0028		-.0273			-.0724	-.0453	-.0619
-1.51500					-.0108		.0180	.0413		.0310			.0072	.0088	.0016
-.51500					-.0037		.0416	.0723		.0618			.0452	.0437	.0278
.51500	.0030	.0117	.0155			.0492			.0947		.0987	.0841		.0553	
1.51500	.0532	.0210	.0710			.0395			.0797		.0526	.0436		.0247	
2.51500	.0548	.0420	.0395			.0231			.0577		.0389	.0577		.0639	
3.51500	.0902	.0852	.0539			.0631			.0989		.0940	.1433		.1428	
4.54500					.1149		.1399	.1060		.1254			.1368	.0994	.1231
5.54500					.1589		.1313	.1546		.1676			.1691	.1512	.1448
6.54500					.1793		.1830	.2044		.1764			.1939	.1906	.1965
7.54500					.2153		.2054	.2181		.2042			.2056	.1889	.2179

Y	2.53000	3.51500	3.63000	4.53000	5.53000
X					
-3.51500		-.0183			
-2.51500		-.0094			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS47)

MACH (4) = 1.047 RN/L (1) = 4.476

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		-.0043			
-.51500		.0208			
.51500	.0819		.0341	.0388	-.0024
1.51500	.0440		.0253	.0656	.0592
2.51500	.0443		.0256	.0758	.0800
3.51500	.1188		.0428	.0627	.1165
4.54500		.1084			
5.54500		.1263			
6.54500		.1636			
7.54500		.2218			

MACH (5) = 1.098 RN/L (1) = 4.424 P = 977.45 PT = 2081.5 TTF = 89.092 Q = 824.65

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				.0000		-.0293	-.0036		.0086			.0159		-.0145	-.0154
-2.51500				-.0179		-.0224	-.0019		-.0224			-.0541		-.0518	-.0565
-1.51500				-.0133		.0029	.0038		.0067			-.0089		.0016	-.0346
-.51500				-.0169		.0360	.0692		.0579			.0406		.0562	.0080
.51500	.0136	.0131	.0169		.0448			.1063		.1065	.0849		.0652		
1.51500	.0586	.0450	.0810		.0472			.0717		.0682	.0462		.0520		
2.51500	.0987	.0755	.0426		.0477			.0634		.0528	.0371		.0656		
3.51500	.1412	.1519	.1086		.1054			.0992		.1199	.1361		.1409		
4.54500				.1632		.1906	.1819		.1875			.1956		.1745	.1830
5.54500				.2074		.2050	.2222		.2350			.2210		.2088	.2036
6.54500				.2535		.2551	.2452		.2469			.2519		.2511	.2411
7.54500				.2660		.2827	.2772		.2667			.2663		.2575	.2703

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		.0016			
-2.51500		.0071			
-1.51500		-.0231			
-.51500		-.0109			
.51500	.1377		.0402	.0385	.0000
1.51500	.0399		.0187	.0678	.0733
2.51500	.0777		.0813	.0903	.1411
3.51500	.1381		.0810	.0980	.1473
4.54500		.1627			
5.54500		.1990			
6.54500		.2477			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS47)

MACH (5) = 1.098 RN/L (1) = 4.424

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
7.54500		.2784			

MACH (6) = 1.252 RN/L (1) = 4.500 P = 808.41 PT = 2098.5 TTF = 89.538 Q = 886.40

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0142		-.0420	-.0208		-.0122			-.0039		-.0339	-.0435
-2.51500				-.0202		-.0268	-.0112		-.0327			-.0789		-.0614	-.0756
-1.51500				-.0227		-.0048	-.0040		-.0107			-.0249		-.0064	-.0339
-.51500				-.0537		.0086	.0264		.0055			-.0055		.0212	-.0249
.51500	-.0247	-.0358	-.0261		.0185			.0645		.0387	.0404		.0317		
1.51500	-.0104	-.0349	.0152		-.0133			.0139		-.0189	-.0310		-.0244		
2.51500	-.0409	-.0517	-.0657		-.0461			-.0113		-.0286	-.0141		-.0015		
3.51500	-.0055	-.0064	-.0546		-.0349			.0580		.0709	.1085		.0990		
4.54500				-.0338		.0007	-.0595		-.0497			-.0291		-.0421	-.0285
5.54500				-.0112		-.0294	-.0051		.0037			.0020		.0105	-.0184
6.54500				.0486		.0710	.0521		.0511			.0655		.0795	.0808
7.54500				.1458		.1548	.1399		.1634			.1372		.1400	.1762

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0211			
-2.51500		-.0086			
-1.51500		-.0323			
-.51500		-.0221			
.51500	-.0012		-.0164	.0075	-.0244
1.51500	-.0098		-.0209	.0034	.0031
2.51500	-.0291		-.0323	-.0237	-.0369
3.51500	.0353		-.0320	-.0320	.0166
4.54500		-.0271			
5.54500		-.0010			
6.54500		.1241			
7.54500		.1906			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS47)

MACH (7) = 1.402 RN/L (1) = 4.504 P = 669.78 PT = 2136.7 TTF = 89.542 Q = 921.17

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0176		-.0556	-.0318		-.0247			-.0135		-.0461	-.0492
-2.51500				-.0302		-.0333	-.0236		-.0379			-.0847		-.0695	-.0721
-1.51500				-.0276		-.0131	-.0137		-.0117			-.0323		-.0177	-.0360
-.51500				-.0662		-.0120	.0032		-.0318			-.0339		.0086	-.0340
.51500	-.0340	-.0438	-.0455		-.0080			.0539		.0394	.0366		.0507		
1.51500	-.0049	-.0298	.0176		-.0308			.0156		-.0201	-.0313		.0166		
2.51500	-.0378	-.0476	-.0629		-.0349			-.0110		-.0317	-.0191		-.0065		
3.51500	-.0525	-.0383	-.0811		.0082			.0575		.0714	.0933		.0557		
4.54500				-.0497		-.0239	-.0886		-.0837			-.0669		-.0920	-.0522
5.54500				-.0264		-.0791	-.0462		-.0367			-.0537		-.0625	-.0779
6.54500				-.0502		-.0270	-.0404		-.0598			-.0358		-.0259	-.0507
7.54500				-.0407		-.0200	-.0049		-.0384			-.0416		-.0562	-.0182

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0250			
-2.51500		-.0129			
-1.51500		-.0201			
-.51500		-.0223			
.51500	-.0300		-.0307	-.0043	-.0335
1.51500	-.0132		-.0303	.0090	.0122
2.51500	-.0135		-.0301	-.0401	-.0387
3.51500	.0351		-.0303	-.0404	-.0361
4.54500		-.0426			
5.54500		-.0630			
6.54500		-.0735			
7.54500		.0040			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS48) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .067 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 4.545 P = 2253.4 PT = 2876.6 TTF = 97.036 Q = 571.52

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0188		-.0611	-.0311		-.0247			.0002		-.0399	-.0323
-2.51500				-.0188		-.0272	-.0027		-.0287			-.0677		-.0432	-.0523
-1.51500				-.0049		.0099	.0174		.0018			-.0157		-.0063	-.0380
-.51500				-.0188		.0364	.0409		.0070			-.0248		-.0003	-.0362
.51500	-.0301	-.0384	-.0360		.0202			.0515		-.0011	-.0004		-.0350		
1.51500	-.0041	-.0468	-.0051		-.0139			-.0059		-.0683	-.0707		-.0410		
2.51500	-.0311	-.0576	-.0750		-.0757			-.0219		-.0769	-.0444		.0099		
3.51500	-.0566	-.0443	-.0804		-.0968			.0316		.0209	.0653		.1258		
4.54500				-.0600		-.0418	-.0588		-.0588			-.0373		-.0628	-.0432
5.54500				-.0150		-.0650	-.0163		-.0069			-.0243		-.0361	-.0469
6.54500				-.0227		-.0118	-.0037		-.0399			-.0086		-.0211	-.0231
7.54500				-.0315		-.0251	-.0064		-.0551			-.0596		-.0694	-.0263

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0283			
-2.51500		-.0011			
-1.51500		-.0303			
-.51500		-.0214			
.51500	-.0156		-.0131	-.0107	-.0424
1.51500	-.0306		-.0500	-.0028	-.0023
2.51500	-.0306		-.0382	-.0321	-.0353
3.51500	.0068		-.0178	-.0323	-.0173
4.54500		-.0302			
5.54500		-.0371			
6.54500		-.0498			
7.54500		-.0128			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS48)

MACH (2) = .802 RN/L (1) = 4.451 P = 1578.6 PT = 2411.1 TTF = 104.57 Q = 710.67

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0067		-.0456	-.0221		-.0137			.0113		-.0313	-.0313
-2.51500				-.0083		-.0143	.0054		-.0197			-.0641		-.0452	-.0474
-1.51500				.0042		.0190	.0154		.0154			-.0078		.0048	-.0324
-.51500				-.0187		.0463	.0497		.0130			-.0179		.0066	-.0205
.51500	-.0122	-.0312	-.0241		.0202			.0613		.0183	.0106		-.0209		
1.51500	.0044	-.0241	.0087		-.0051			.0127		-.0553	-.0540		-.0305		
2.51500	-.0193	-.0436	-.0661		-.0438			-.0075		-.0478	-.0317		.0184		
3.51500	-.0405	-.0209	-.0604		-.0683			.0355		.0306	.0688		.1205		
4.54500				-.0384		-.0235	-.0484		-.0476			-.0208		-.0405	-.0222
5.54500				-.0089		-.0330	.0035		.0098			-.0143		-.0092	-.0271
6.54500				.0021		.0160	.0144		-.0087			.0199		.0105	.0006
7.54500				-.0085		.0140	.0341		-.0204			-.0329		-.0313	.0103

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0211			
-2.51500		.0022			
-1.51500		-.0189			
-.51500		-.0197			
.51500	-.0005		-.0084	.0034	-.0464
1.51500	-.0175		-.0322	.0054	.0034
2.51500	-.0337		-.0318	-.0108	-.0252
3.51500	.0086		-.0155	-.0159	.0058
4.54500		-.0358			
5.54500		-.0232			
6.54500		-.0267			
7.54500		.0239			

MACH (3) = .898 RN/L (1) = 4.383 P = 1326.8 PT = 2239.2 TTF = 100.83 Q = 748.92

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0205		-.0538	-.0254		-.0133			.0025		-.0391	-.0431
-2.51500				-.0317		-.0211	-.0025		-.0311			-.0822		-.0522	-.0524
-1.51500				.0070		.0022	.0053		-.0002			-.0051		-.0068	-.0431
-.51500				-.0235		.0328	.0388		.0041			-.0234		.0019	-.0312
.51500	-.0294	-.0457	-.0257		.0178			.0494		.0101	-.0028		-.0221		
1.51500	-.0154	-.0450	.0049		-.0178			-.0072		-.0659	-.0665		-.0437		
2.51500	-.0277	-.0476	-.0840		-.0617			-.0039		-.0628	-.0349		.0132		
3.51500	-.0538	-.0309	-.0830		-.0842			.0304		.0229	.0572		.1046		
4.54500				-.0638		-.0381	-.0552		-.0610			-.0468		-.0860	-.0368

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS48)

MACH (3) = .898 RN/L (1) = 4.383

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
5.54500					-.0205		-.0557	-.0045		-.0119			-.0219	-.0376	-.0382
6.54500					-.0120		.0033	.0009		-.0336			.0052	.0030	-.0174
7.54500					-.0126		.0001	.0131		-.0443			-.0337	-.0445	-.0064

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0270			
-2.51500		-.0102			
-1.51500		-.0255			
-.51500		-.0300			
.51500	-.0108		-.0194	-.0040	-.0430
1.51500	-.0322		-.0432	-.0014	-.0087
2.51500	-.0262		-.0361	-.0299	-.0421
3.51500	.0023		-.0295	-.0378	-.0157
4.54500		-.0339			
5.54500		-.0488			
6.54500		-.0473			
7.54500		-.0032			

MACH (4) = 1.050 RN/L (1) = 4.479 P = 1065.1 PT = 2138.8 TTF = 91.928 Q = 821.60

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500					-.0065		-.0299	-.0008		.0251			.0330	-.0080	-.0151
-2.51500					.0034		.0127	.0010		-.0381			-.0757	-.0211	-.0425
-1.51500					.0459		.0490	.0396		.0324			.0220	.0468	.0089
-.51500					.0638		.0914	.0954		.0811			.0985	.1000	.0581
.51500	.0627	.0663	.0661			.1040			.1423		.1440	.1263		.0993	
1.51500	.1003	.0774	.1039			.1025			.1199		.1187	.1004		.0956	
2.51500	.1066	.0955	.0813			.0849			.1074		.1056	.0941		.1187	
3.51500	.1348	.1255	.0893			.1003			.1451		.1471	.1305		.1586	
4.54500					.1580		.1824	.1641		.1693			.1735	.1607	.1624
5.54500					.1980		.1768	.2082		.2099			.1886	.1870	.1823
6.54500					.2121		.2214	.2246		.2113			.2176	.2177	.2157
7.54500					.2319		.2359	.2446		.2152			.2215	.2177	.2361

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0051			
-2.51500		.0271			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS48)

MACH (4) = 1.050 RN/L (1) = 4.479

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-1.51500		.0244			
-.51500		.0433			
.51500	.1375		.0681	.0818	.0712
1.51500	.0930		.0683	.1232	.1089
2.51500	.0930		.0869	.1177	.1192
3.51500	.1621		.1147	.1187	.1416
4.54500		.1610			
5.54500		.1847			
6.54500		.1919			
7.54500		.2416			

MACH (5) = 1.096 RN/L (1) = 4.478 P = 994.42 PT = 2113.3 TTF = 90.303 Q = 836.45

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0069		-.0434	-.0026		.0061			.0190		-.0175	-.0232
-2.51500				-.0170		-.0151	.0005		-.0257			-.0690		-.0469	-.0622
-1.51500				-.0005		.0029	.0072		.0065			-.0119		-.0045	-.0401
-.51500				-.0094		.0321	.0408		.0099			-.0150		.0090	-.0255
.51500	-.0193	-.0299	-.0294		.0142			.0481		.0355	.0165		.0044		
1.51500	-.0030	-.0282	.0122		-.0081			.0111		-.0287	-.0329		-.0262		
2.51500	-.0299	-.0534	-.0561		-.0434			-.0010		-.0354	-.0180		-.0033		
3.51500	-.0248	-.0199	-.0577		-.0454			.0371		.0371	.0679		.0899		
4.54500				-.0119		.0357	-.0203		.0008			.0115		.0138	-.0070
5.54500				.0633		.0273	.0571		.0859			.0713		.0481	.0486
6.54500				.1082		.1215	.1090		.0974			.1200		.1182	.0992
7.54500				.1527		.1520	.1561		.1306			.1291		.1378	.1462

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0096			
-2.51500		.0006			
-1.51500		-.0303			
-.51500		-.0252			
.51500	.0128		-.0169	-.0024	-.0358
1.51500	-.0141		-.0495	.0001	-.0023
2.51500	-.0340		-.0422	-.0259	-.0328
3.51500	.0588		-.0254	-.0225	.0246
4.54500		.0113			
5.54500		.0491			
6.54500		.0787			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS48)

MACH (5) = 1.096 RN/L (1) = 4.478

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
7.54500		.1670			

MACH (6) = 1.245 RN/L (1) = 4.505 P = 819.73 PT = 2109.8 TTF = 90.372 Q = 889.64

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0140		-.0432	-.0161		-.0076			.0100		-.0294	-.0388
-2.51500				-.0280		-.0236	-.0087		-.0350			-.0774		-.0477	-.0613
-1.51500				-.0166		-.0058	-.0063		-.0090			-.0174		-.0031	-.0373
-.51500				-.0459		.0076	.0149		-.0090			-.0149		.0056	-.0359
.51500	-.0266	-.0347	-.0272		.0003			.0428		.0349	.0176		.0057		
1.51500	-.0079	-.0380	.0067		-.0141			.0099		-.0185	-.0330		-.0300		
2.51500	-.0347	-.0477	-.0737		-.0458			-.0104		-.0279	-.0250		-.0064		
3.51500	-.0266	-.0218	-.0688		-.0428			.0308		.0397	.0578		.0713		
4.54500				-.0426		-.0183	-.0440		-.0482			-.0203		-.0565	-.0397
5.54500				-.0090		-.0397	.0054		.0163			.0090		-.0178	-.0319
6.54500				.0736		.0806	.0812		.0744			.0745		.1093	.1082
7.54500				.1664		.1852	.1730		.1664			.1348		.1509	.1878

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0238			
-2.51500		-.0104			
-1.51500		-.0322			
-.51500		-.0257			
.51500	-.0033		-.0130	.0030	-.0310
1.51500	-.0130		-.0297	-.0033	-.0073
2.51500	-.0327		-.0452	-.0348	-.0342
3.51500	.0304		-.0326	-.0383	.0230
4.54500		-.0203			
5.54500		-.0127			
6.54500		.0853			
7.54500		.2283			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS48)

MACH (7) = 1.407 RN/L (1) = 4.519 P = 664.83 PT = 2137.4 TTF = 87.984 Q = 921.55

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
X															
-3.51500				-.0203		-.0486	-.0204		-.0084			.0033		-.0338	-.0416
-2.51500				-.0320		-.0289	-.0193		-.0426			-.0753		-.0578	-.0813
-1.51500				-.0271		-.0091	-.0132		-.0135			-.0292		-.0082	-.0415
-.51500				-.0522		-.0042	-.0042		-.0187			-.0362		.0064	-.0369
.51500	-.0331	-.0468	-.0465		-.0014			.0350		.0289	.0093		-.0009		
1.51500	-.0107	-.0364	.0017		-.0162			.0084		-.0264	-.0404		-.0316		
2.51500	-.0285	-.0364	-.0511		-.0346			-.0168		-.0300	-.0290		-.0098		
3.51500	-.0557	-.0407	-.0949		-.0603			.0259		.0382	.0508		.0584		
4.54500				-.0665		-.0284	-.0810		-.0723			-.0646		-.0795	-.0543
5.54500				-.0386		-.0834	-.0438		-.0229			-.0456		-.0677	-.0818
6.54500				-.0382		-.0163	-.0257		-.0406			-.0172		-.0147	-.0445
7.54500				-.0331		-.0147	-.0084		-.0492			-.0476		-.0470	.0072

Y	2.53000	3.51500	3.53000	4.53000	5.53000
X					
-3.51500		-.0265			
-2.51500		-.0178			
-1.51500		-.0281			
-.51500		-.0239			
.51500	-.0243		-.0283	-.0048	-.0426
1.51500	-.0237		-.0408	-.0011	-.0031
2.51500	-.0272		-.0359	-.0399	-.0394
3.51500	.0308		-.0362	-.0396	-.0268
4.54500		-.0433			
5.54500		-.0705			
6.54500		-.0728			
7.54500		.0043			

OA-252 (P90) SURFACE PRESS ON 90 DEG PANEL (R3TS49) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .067 STEP-F = .000
STEP-A = .000

MACH (1) = 1.401 RN/L (1) = 4.523 P = 671.20 PT = 2139.5 TTF = 88.469 Q = 922.38

SECTION (1)90 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-5.53000	-4.53000	-3.53000	-3.51500	-2.53000	-2.51500	-1.51500	-1.50000	-.51500	-.50000	.50000	.51500	1.50000	1.51500	2.51500
-3.51500				-.0203		-.0583	-.0358		-.0166			-.0013		-.0462	-.0488
-2.51500				-.0370		-.0404	-.0211		-.0491			-.0852		-.0708	-.0797
-1.51500				-.0234		-.0218	-.0181		-.0157			-.0345		-.0173	-.0400
-.51500				-.0573		-.0113	-.0089		-.0248			-.0311		.0022	-.0400
.51500	-.0350	-.0506	-.0335		.0063			.0421		.0312	.0142		-.0012		
1.51500	-.0060	-.0322	.0101		-.0099			.0083		-.0264	-.0369		-.0310		
2.51500	-.0351	-.0457	-.0619		-.0371			-.0160		-.0369	-.0279		-.0042		
3.51500	-.0552	-.0373	-.0941		-.0582			.0255		.0419	.0501		.0628		
4.54500				-.0663		-.0361	-.0809		-.0753			-.0636		-.0875	-.0542
5.54500				-.0376		-.0877	-.0429		-.0274			-.0439		-.0686	-.0740
6.54500				-.0385		-.0256	-.0260		-.0449			-.0177		-.0200	-.0442
7.54500				-.0400		-.0169	-.0101		-.0498			-.0469		-.0530	-.0186

X \ Y	2.53000	3.51500	3.53000	4.53000	5.53000
-3.51500		-.0317			
-2.51500		-.0216			
-1.51500		-.0224			
-.51500		-.0260			
.51500	-.0220		-.0266	-.0008	-.0409
1.51500	-.0221		-.0408	.0058	.0059
2.51500	-.0255		-.0322	-.0449	-.0449
3.51500	.0273		-.0389	-.0406	-.0247
4.54500		-.0432			
5.54500		-.0642			
6.54500		-.0750			
7.54500		-.0136			

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS50) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .603 RN/L (1) = 2.017 P = 937.84 PT = 1198.8 TTF = 70.536 Q = 238.51

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0114				
-4.26400								.0285						.0091	
-3.55700						.0185					.0144				
-2.85000				.0067				.0244						.0297	
-2.14300						.0185					.0250				
-1.43500								.0303						.0810	
-.72800											.0468				
-.69700					.0098										
.01100			-.0056				-.0209								
.71800		.0003			-.0209					-.0874					
1.42500	.0003		-.0073				-.0173						-.1156		
2.13200		-.0085			-.0067					-.0285					
2.83900			-.0008				-.0150								
2.86000															-.0291
3.54500					-.0061										
3.56700												.0004			
4.27400									.0039						.0069
4.98200												.0051			
5.69900															.0122

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														.0187	
-4.27400											.0377				
-3.56700								.0306						.0246	
-3.55700		.0265									.0455				
-2.86000															
-2.85000					.0409									.0431	
-2.14300		.0621													
-2.12100										-.0359					
-1.41400							.0099						-.0817		
-.70700				.0579						-.0502					
.00000	.0963						-.0542						-.0748		
.70700				-.0405						-.0622					
1.41400							-.0113						.0671		
2.12100										.1764					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS50)

MACH (1) = .603 RN/L (1) = 2.017

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
2.15300			-.0669												
2.85000															.0098
2.86000						-.0232									
3.56700			-.0096						-.0061						
4.27400						.0169						-.0020			
4.98200			.0140						.0181						
5.68900						.0075									
6.39600			.0140												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0242													
-5.68900					.0121										
-4.98200		.0252						.0193							
-4.27400					.0246						.0145				
-3.56700		.0193						.0145							
-3.54600															.0146
-2.86000					.0085										
-2.83900													.0158		
-2.15300		.0026													
-2.13200										.0158					.0247
-1.42500							-.0092						.0152		
-.71800										.0063					.0181
-.70700	-.0651														
-.01100													.0146		
.00000				.0001											
.69700															-.0270
.70700	.0087														
.72800									.0110						
1.43500						.0110						.0016			
2.14300			.0110						.0039					.0098	
2.85000						.0098						.0134			
3.55700			.0110						.0169					.0063	
4.26400						.0104						-.0026			
4.97100									-.0055						

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		.0075		
-2.13200			.0099	
-1.42500		.0092		.0045
-.71800			.0086	
-.01100		-.0038		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS50)

MACH (1) = .603 RN/L (1) = 2.017

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.0051			

MACH (2) = .929 RN/L (1) = 2.035 P = 546.72 PT = 954.81 TTF = 70.361 Q = 330.44

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0569				
-4.26400								.0732						.0604	
-3.55700						.0638					.0638				
-2.85000				.0621				.0753						.0796	
-2.14300						.0723					.0711				
-1.43500								.0770						.1202	
-.72800											.0937				
-.69700					.0619										
.01100			.0449				.0346								
.71800		.0449			.0346					-.0218					
1.42500	.0478		.0431				.0256						-.0479		
2.13200		.0431			.0414					.0124					
2.83900			.0449				.0393								
2.85000															.0246
3.54600					.0517										
3.56700												.0442			
4.27400									.0494						.0588
4.98200												.0656			
5.68900															.0579

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0558	
-4.98200											.0701				
-4.27400								.0744						.0683	
-3.56700											.0917				
-3.55700		.0698													
-2.86000														.0874	
-2.85000					.0929										
-2.14300		.0989													
-2.12100										.0255					
-1.41400							.0627						-.0175		
-.70700				.1139						.0106					
.00000	.1354						.0135						-.0108		
.70700				.0218						.0115					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS50)

MACH (2) = .929 RN/L (1) = 2.035

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							.0445						.1040		
2.12100										.2127					
2.15300			-.0165												
2.85000															.0373
2.80000						.0263									
3.56700			.0468					.0370							
4.27400						.0609						.0567			
4.98200			.0678					.0596							
5.68900						.0682									
6.39600			.0738												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		.0164													
-5.68900					.0554										
-4.98200		.0714						.0640							
-4.27400					.0722						.0658				
-3.56700		.0645						.0528							
-3.54600															.0562
-2.86000					.0588										
-2.83900													.0592		
-2.15300		.0597													
-2.13200										.0592					.0686
-1.42500							.0424						.0596		
-.71800										.0587					.0630
-.70700	.0106														
-.01100													.0575		
.00000				.0553											
.69700															.0227
.70700	.0594														
.72800								.0497							
1.43500						.0510						.0476			
2.14300			.0382					.0600						.0578	
2.85000						.0578						.0583			
3.55700			.0597					.0706						.0446	
4.26400						.0510						.0493			
4.97100								.0467							

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0527		
-2.13200			.0553	
-1.42500		.0579		.0549

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS50)

MACH (2) = .929 RN/L (1) = 2.035

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			.0489	
-.01100		.0411		
2.85000	.0621			

MACH (3) = 1.103 RN/L (1) = 2.008 P = 422.24 PT = 904.60 TTF = 71.478 Q = 359.39

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0279				
-4.26400								.0412						.0267	
-3.55700						.0224					.0239				
-2.85000				.0137				.0302						.0326	
-2.14300						.0298					.0287				
-1.43500								.0357						.0684	
-.72800											.0503				
-.69700					.0360										
.01100			.0149				.0094								
.71800		.0086			-.0012					-.0404					
1.42500	.0117		.0023				-.0177						-.0675		
2.13200		.0047			.0007					-.0102					
2.83900			.0125				.0125								
2.86000															.0126
3.54600					.0227										
3.56700												.0209			
4.27400									.0452						.0570
4.98200												.0727			
5.68900															.1167

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0344	
-4.98200											.0428				
-4.27400								.0396						.0324	
-3.56700											.0503				
-3.55700		.0287													
-2.86000														.0471	
-2.85000					.0420										
-2.14300		.0546													
-2.12100										.0002					
-1.41400							.0252						-.0405		
-.70700				.0587						-.0166					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS50)

MACH (3) = 1.103 RN/L (1) = 2.008

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.0526						-.0158						-.0261		
.70700				-.0105						-.0215					
1.41400							.0142						.0564		
2.12100										.1537					
2.15300			-.0373												
2.83000															.0124
2.85000						-.0035									
3.56700			.0366					.0087							
4.27400						.0527						.0558			
4.98200			.0876					.0864							
5.68900						.1159									
6.39600			.1450												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		.0034													
-5.68900					.0292										
-4.98200		.0396						.0352							
-4.27400					.0384						.0300				
-3.56700		.0241						.0237							
-3.54600															.0184
-2.85000					.0273										
-2.83300													.0200		
-2.15300		.0261													
-2.13200										.0208					.0267
-1.42500							.0066						.0224		
-.71800										.0145					.0184
-.70700	-.0097														
-.01100													.0200		
.00000				.0074											
.69700															.0003
.70700	.0154														
.72800								.0148							
1.43500						.0132						.0136			
2.14300			.0128					.0301						.0207	
2.85000						.0305						.0266			
3.55700			.0356					.0482						.0435	
4.26400						.0662						.0639			
4.97100								.0819							

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0133		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS50)

MACH (3) = 1.103 RN/L (1) = 2.008

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			.0102	
-1.42500		.0165		.0114
-.71800			.0153	
-.01100		.0117		
2.85000	.0309			

MACH (4) = 1.247 RN/L (1) = 2.000 P = 349.39 PT = 901.77 TTF = 74.824 Q = 380.47

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											.0077				
-3.55700								.0218						.0066	
-2.85000				.0043			.0125				.0081				
-2.14300								.0148						.0159	
-1.43500							.0103				.0043				
-.72800								.0200						.0411	
-.69700					.0164						.0192				
.01100			.0119					.0097							
.71800		.0104			.0023					-.0200					
1.42500	.0093		-.0007					-.0063					-.0404		
2.13200		.0030			-.0044					-.0003					
2.83900			.0164					.0049							
2.86000															
3.54600					.0086										.0034
3.56700												.0108			
4.27400									.0186						.0260
4.98200												.0453			
5.68900															.0635

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														.0149	
-4.27400											.0198				
-3.56700								.0183						.0092	
-3.55700		.0103									.0288				
-2.86000															
-2.85000					.0237									.0307	
-2.14300		.0341													
-2.12100										.0133					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS50)

MACH (4) = 1.247 RN/L (1) = 2.000

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-1.41400							.0183						-.0309		
-.70700				.0438						-.0130					
.00000	.0330						-.0148						-.0148		
.70700				-.0130						-.0097					
1.41400							.0122						.0291		
2.12100										.1023					
2.15300			-.0185												
2.85000															-.0105
2.86000						-.0141									
3.56700			.0112					-.0078							
4.27400						.0238						.0264			
4.98200			.0490					.0446							
5.68900						.0665									
6.39600			.1025												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0069													
-5.68900					.0092										
-4.98200		.0145						.0126							
-4.27400					.0179						.0108				
-3.56700		.0055						.0104							
-3.54600															.0046
-2.86000					.0145										
-2.83900													.0075		
-2.15300		.0164													
-2.13200										.0180					.0157
-1.42500							.0072						.0105		
-.71600										.0038					.0046
-.70700	-.0015														
-.01100													.0075		
.00000				-.0015											
.69700															-.0081
.70700	.0046														
.72000									.0155						
1.43500						.0155						.0077			
2.14300			.0114						.0140					.0159	
2.85000						.0196						.0229			
3.55700			.0155						.0348					.0270	
4.26400						.0393						.0318			
4.97100									.0441						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS50)

MACH (4) = 1.247 RN/L (1) = 2.000

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83300		.0068		
-2.13200			.0012	
-1.42500		.0046		-.0040
-.71800			.0053	
-.01100		.0031		
2.85000	.0237			

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS51) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 4.515 P = 2159.3 PT = 2757.6 TTF = 81.292 Q = 547.01

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											.0062				
-4.26400								.0293						.0188	
-3.55700						.0078					.0137				
-2.85000				-.0073				.0270						.0339	
-2.14300						.0149					.0142				
-1.43500								.0356						.1006	
-.72800											.0408				
-.69700					.0194										
.01100			-.0037				-.0124								
.71800		-.0075			-.0149					-.0913					
1.42500	-.0078		-.0052				-.0255						-.1216		
2.13200		-.0088			-.0180					-.0242					
2.83900			-.0006				-.0124								
2.86000															-.0240
3.54300					-.0062										
3.56700												-.0041			
4.27400									-.0108						.0113
4.98200												.0151			
5.68900															.0095

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.0007	
-4.98200											.0212				
-4.27400								.0148						.0055	
-3.56700											.0287				
-3.55700		.0254													
-2.82000														.0346	
-2.85000					.0443										
-2.14300		.0679													
-2.12100										-.0387					
-1.41400							.0046						-.0820		
-.70700				.0714						-.0606					
.00000	.1382						-.0633						-.0808		
.70700				-.0389						-.0733					
1.41400							-.0098						.0751		
2.12100										.2094					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS51)

MACH (1) = .602 RN/L (1) = 4.515

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			-.0577												
2.85000															-.0002
2.83000					-.0155										
3.55700			-.0008						.0020						
4.27400					.0141							.0031			
4.98200			.0126						.0296						
5.68300					.0226										
6.39600			.0185												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0517													
-5.68900					.0024										
-4.98200		.0156						.0055							
-4.27400					.0171						.0024				
-3.56700		-.0084						.0047							
-3.54600															.0082
-2.86000					.0029										
-2.83900													.0062		
-2.15300		-.0066													
-2.13200									.0088						.0253
-1.42500							-.0108						.0134		
-.71800										-.0002					.0101
-.70700	-.0681														
-.01100													.0160		
.00000				-.0033											
.69700															-.0276
.70700	.0121														
.72800								-.0022							
1.43500						-.0020						.0050			
2.14300			.0006					.0066						.0173	
2.85000						.0152						.0017			
3.55700			-.0022					.0255						.0173	
4.26400						.0019						.0024			
4.97100								-.0187							

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0098		
-2.13200			.0054	
-1.42500		.0129		.0013
-.71800			.0085	
-.01100		-.0010		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS51)

MACH (1) = .602 RN/L (1) = 4.515

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.0173			

MACH (2) = .799 RN/L (1) = 4.478 P = 1528.4 PT = 2326.9 TTF = 85.802 Q = 682.54

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400															
-3.55700															
-2.85000															
-2.14300															
-1.43500															
-.72800															
-.69700															
.01100															
.71800															
1.42500															
2.13200															
2.83900															
2.85000															
3.54600															
3.56700															
4.27400															
4.98200															
5.68900															

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200															
-4.27400															
-3.56700															
-3.55700															
-2.86000															
-2.85000															
-2.14300															
-2.12100															
-1.41400															
-.70700															
.00000															
.70700															

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS51)

MACH (2) = .799 RN/L (1) = 4.478

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
1.41400							-.0137						.0750		
2.12100										.1972					
2.15300			-.0707												
2.85000															.0054
2.86000						-.0222									
3.56700			-.0006					.0019							
4.27400						.0218						.0076			
4.98200			.0161					.0268							
5.68900						.0249									
6.39500			.0363												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0497													
-5.68900					-.0112										
-4.98200		.0134						.0126							
-4.27400					.0136						.0051				
-3.56700		-.0004						-.0042							
-3.54600															.0108
-2.86000					.0000										
-2.83900													.0083		
-2.15300		.0000													
-2.13200										.0125					.0191
-1.42500							-.0043						.0147		
-.71800										.0058					.0172
-.70700	-.0549														
-.01100													.0029		
.00000				.0080											
.69700															-.0217
.70700	.0118														
.72800									.0116						
1.43500						-.0012						-.0004			
2.14300			.0056						.0114					.0167	
2.85000						.0180						.0130			
3.55700			.0116						.0182					.0120	
4.26400						.0112						.0067			
4.97100									-.0041						

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		.0009		
-2.13200			.0077	
-1.42500		.0102		.0067

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS51)

MACH (2) = .799 RN/L (1) = 4.478

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			.0038	
-.01100		-.0049		
2.85000	.0161			

MACH (3) = .903 RN/L (1) = 4.498 P = 1312.7 PT = 2228.6 TTF = 88.711 Q = 750.05

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0038				
-4.26400								.0362						.0107	
-3.56700						.0064					.0113				
-2.85000				.0027				.0244						.0246	
-2.14300						.0178					.0143				
-1.43500								.0311						.0861	
-.72800											.0420				
-.69700					.0208										
.01100			-.0024				-.0164								
.71800		-.0080			-.0232					-.0772					
1.42500	-.0028		-.0157				-.0351						-.1008		
2.13200		-.0112			-.0170					-.0406					
2.83900			-.0091				-.0202								
2.85000															
3.54600					-.0144										-.0258
3.56700												.0001			
4.27400									.0052						.0008
4.98200												.0179			
5.68900															.0160

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														.0052	
-4.27400											.0175				
-3.56700								.0211						.0080	
-3.55700		.0233									.0332				
-2.86000															
-2.85000					.0399									.0275	
-2.14300		.0487													
-2.12100															
-1.41400										-.0242					
-.70700				.0672			.0136						-.0712		
										-.0446					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS51)

MACH (3) = .903 RN/L (1) = 4.498

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
.00000	.1098														
.70700				-.0337			-.0410						-.0681		
1.41400							-.0095			-.0483					
2.12100													.0767		
2.15300			-.0773							.1801					
2.85000															-.0180
2.86000						-.0288									
3.56700			-.0082						-.0172						
4.27400						.0082						.0085			
4.98200			.0097						.0174						
5.68900						.0204									
6.39600			.0219												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0492													
-5.68900					.0027										
-4.98200		.0146						.0060							
-4.27400					.0118						.0060				
-3.56700		.0003						-.0054							
-3.54600															.0068
-2.86000					.0101										
-2.83900													.0098		
-2.15300		-.0010													
-2.13200										.0125					.0181
-1.42500							-.0090						.0146		
-.71800										.0029					.0117
-.70700	-.0446														
-.01100													.0012		
.00000				.0002											
.69700															-.0254
.70700	.0056														
.72800									.0008						
1.43500						.0008						-.0015			
2.14300			.0010						.0064					.0057	
2.85000						-.0011						.0017			
3.55700			.0010						.0134					.0043	
4.26400						.0064						.0074			
4.97100									-.0109						

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		.0098		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS51)

MACH (3) = .903 RN/L (1) = 4.498

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.38200	5.68900	6.39600
X				
-2.13200			.0027	
-1.42500		.0059		.0021
-.71800			.0000	
-.01100		.0066		
2.85000	.0132			

MACH (4) = 1.055 RN/L (1) = 4.483 P = 1024.1 PT = 2068.8 TTF = 78.130 Q = 797.45

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0078				
-4.26400								.0297						.0216	
-3.55700						.0165					.0265				
-2.85000				.0107				.0406						.0397	
-2.14300						.0436					.0343				
-1.43500								.0526						.1018	
-.72800											.0595				
-.69700					.0522										
.01100			.0267				.0406								
.71800		.0426			.0360					-.0089					
1.42500	.0537		.0582				.0478						-.0160		
2.13200		.0863			.0900					.0685					
2.83900			.1189				.1122								
2.86000															.1014
3.54600					.1347										
3.56700												.1323			
4.27400									.1443						.1595
4.98200												.1809			
5.68900															.1959

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0058	
-4.98200											.0215				
-4.27400								.0173						.0174	
-3.56700											.0495				
-3.56700		.0297													
-2.86000														.0574	
-2.85000					.0561										
-2.14300		.0706													
-2.12100										.0305					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS51)

MACH (4) = 1.055 RN/L (1) = 4.483

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-1.41400							.0566								
-.70700				.0006						.0120			-.0065		
.00000	.0768						.0096								
.70700				.0139						.0123			.0161		
1.41400							.0499								
2.12100										.1708			.0868		
2.15300			.0387												
2.85000															
2.86000						.1182									.0960
3.56700			.1316						.1426						
4.27400						.1654						.1560			
4.98200			.1836						.1853						
5.68900						.1970									
6.39600			.2179												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54500	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0419													
-5.68900					.0044										
-4.98200		.0222						.0051							
-4.27400					.0276						.0087				
-3.56700		.0130						.0094							
-3.54600															
-2.98000					.0294										.0193
-2.83900															
-2.15300		.045											.0311		
-2.13200															
-1.42500										.0396					.0410
-.71800							.0261						.0384		
-.70700	.0206									.0323					.0364
-.01100															
.00000				.0218									.0456		
.69700															
.70700	.0322														.0286
.72800															
1.43500									.0548						
2.14300						.0649						.0891			
2.85000			.0918						.0960					.1137	
3.56700						.1353						.1222			
4.26400			.1501						.1601					.1410	
4.97100						.1648						.1581			
									.1756						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS51)

MACH (4) = 1.055 RN/L (1) = 4.483

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0254		
-2.13200			.0175	
-1.42500		.0351		.0199
-.71800			.0241	
-.01100		.0382		
2.85000	.1077			

MACH (5) = 1.102 RN/L (1) = 4.535 P = 972.50 PT = 2080.8 TTF = 78.895 Q = 826.20

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0098				
-4.26400								.0360						.0135	
-3.56700							.0168				.0239				
-2.85000					.0084			.0341						.0377	
-2.14300							.0346				.0270				
-1.43500								.0472						.0839	
-.72800											.0458				
-.59700					.0459										
.01100			.0168				.0162								
.71800		.0141			.0077					-.0262					
1.42500	.0245		.0146				-.0042						-.0415		
2.13200		.0480			.0291					.0289					
2.83900			.0510				.0600								
2.86000															.0553
3.54600					.0871										
3.56700												.0812			
4.27400									.1364						.1322
4.98200												.1698			
5.68900															.1853

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0057	
-4.98200											.0104				
-4.27400								.0237						.0156	
-3.56700											.0538				
-3.55700		.0329													
-2.86000														.0464	
-2.85000					.0452										
-2.14300		.0569													

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS51)

MACH (5) = 1.102 RN/L (1) = 4.535

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100															
-1.41400										.0226					
-.70700				.0649			.0451						-.0244		
.00000	.0681									.0096					
.70700				.0061			-.0020						.0013		
1.41400										.0048					
2.12100							.0373						.0643		
2.15300			.0113							.1616					
2.85000															
2.86000						.0536									.0487
3.56700			.1000						.1127						
4.27400						.1383						.1373			
4.98200			.1611						.1688						
5.68900						.1944									
6.39600			.2104												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0597													
-5.68900					-.0171										
-4.98200		.0178						.0029							
-4.27400					.0202						.0073				
-3.56700		.0161						.0098							
-3.54600															
-2.85000					.0221										.0193
-2.83900															
-2.15300		.0321											.0321		
-2.13200															
-1.42500										.0378					.0446
-.71800							.0234						.0333		
-.70700	.0172									.0237					.0239
-.01100															
.00000				.0173									.0227		
.69700															
.70700	.0220														.0059
.72800															
1.43500									.0283						
2.14300						.0276						.0368			
2.85000			.0385						.0634					.0576	
3.55700						.0732						.0715			
4.26400			.1186						.1109					.1104	
4.97100						.1451						.1431			
									.1530						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS51)

MACH (5) = 1.102 RN/L (1) = 4.535

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0193		
-2.13200			.0189	
-1.42500		.0265		.0186
-.71800			.0189	
-.01100		.0076		
2.85000	.0828			

MACH (6) = 1.251 RN/L (1) = 4.515 P = 799.92 PT = 2075.8 TTF = 82.716 Q = 876.79

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											-.0025				
-3.55700								.0203							
-2.85000						.0041								-.0025	
-2.14300				.0001				.0123			.0033				
-1.43500						.0123								.0071	
-.72800								.0171			.0002				
-.69700					.0273									.0456	
.01100			.0001								.0167				
.71800		.0121			.0043		.0172								
1.42500	.0155		.0063							-.0239					
2.13200		-.0009			-.0050		-.0143						-.0425		
2.83900			.0009							-.0279					
2.85000							-.0239								
3.54600					.0006										-.0189
3.56700												-.0040			
4.27400									.0122						
4.98200												.0222			.0079
5.68900															.0320

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														.0017	
-4.27400											.0134				
-3.56700								.0085						-.0028	
-3.55700		.0058									.0276				
-2.86000															
-2.85000					.0180									.0266	
-2.14300		.0312													

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS51)

MACH (6) = 1.251 RN/L (1) = 4.515

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100															
-1.41400										.0036					
-.70700							.0220						-.0366		
.00000	.0363			.0531						-.0169					
.70700							-.0172						-.0166		
1.41400				-.0107						-.0158					
2.12100							.0204						.0338		
2.15300			-.0279							.1195					
2.85000															-.0165
2.86000						-.0347									
3.56700			.0005						-.0339						
4.27400						.0060						.0071			
4.98200			.0222						.0193						
5.68900						.0231									
6.39600			.0548												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0271													
-5.68900					-.0015										
-4.98200		.0124						-.0001							
-4.27400					.0101						.0020				
-3.56700		-.0100						-.0061							
-3.54600															.0007
-2.86000					-.0022										
-2.83900													.0024		
-2.15300		.0096													
-2.13200										.0186					.0178
-1.42500							.0114						.0165		
-.71800										.0022					.0038
-.70700	-.0060														
-.01100													.0104		
.00000				-.0018											
.69700															-.0110
.70700	.0049														
.72800									.0164						
1.43500						.0001						.0060			
2.14300			.0058						.0147					.0139	
2.85000						.0145						.0116			
3.55700			.0038						.0293					.0124	
4.26400						.0282						.0153			
4.97100									.0317						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS51)

MACH (6) = 1.251 RN/L (1) = 4.515

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0020		
-2.13200			-.0012	
-1.42500		.0038		-.0057
-.71800			-.0002	
-.01100		-.0051		
2.85000	.0179			

MACH (7) = 1.402 RN/L (1) = 4.528 P = 663.42 PT = 2116.9 TTF = 83.583 Q = 912.63

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											-.0023				
-3.55700								.0193						-.0033	
-2.85000				-.0090		.0044					-.0050				
-2.14300								.0045						-.0138	
-1.43500						-.0016					-.0214				
-.72800								.0064						.0338	
-.69700					.0111						.0121				
.01100			-.0003				.0050								
.71800		.0068			.0111					-.0215					
1.42500	.0105		.0099				-.0109						-.0392		
2.13200		-.0007			-.0047					-.0124					
2.83900			-.0090				-.0177								
2.85000															-.0125
3.54600					-.0115										
3.56700												-.0185			
4.27400									-.0169						-.0105
4.98200												-.0025			
5.68900															-.0011

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														.0051	
-4.27400											.0054				
-3.56700								-.0014						-.0204	
-3.55700		-.0078									.0107				
-2.86000															
-2.85000														.0107	
-2.14300		.0179			.0014										

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS51)

MACH (7) = 1.402 RN/L (1) = 4.528

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100															
-1.41400										.0061					
-.70700							.0171						-.0365		
.00000	.0270			.0469						-.0205					
.70700							-.0250						-.0226		
1.41400				-.0165						-.0207					
2.12100							.0135						.0316		
2.15300			-.0142							.1062					
2.85000															-.0132
2.86000						-.0221									
3.56700			-.0037						-.0346						
4.27400						-.0193						-.0142			
4.96200			-.0048						-.0034						
5.68900						-.0008									
6.39600			.0154												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0176													
-5.68900					.0014										
-4.96200		.0075						-.0017							
-4.27400					-.0042						-.0069				
-3.56700		-.0312						-.0189							
-3.54600															-.0063
-2.86000					-.0142										
-2.83900													-.0108		
-2.15300		.0037													
-2.13200										.0080					.0038
-1.42500							.0038						.0123		
-.71800										.0024					.0039
-.70700	-.0089														
-.01100													-.0035		
.00000				-.0032											
.69700															-.0170
.70700	-.0045														
.72800									.0121						
1.43500						.0119						.0090			
2.14300			.0075						.0207					.0133	
2.85000						.0138						.0034			
3.55700			-.0104						.0156					.0078	
4.26400						.0019						.0001			
4.97100									.0124						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS51)

MACH (7) = 1.402 RN/L (1) = 4.528

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0102		
-2.13200			-.0153	
-1.42500		.0007		-.0060
-.71800			-.0018	
-.01100		-.0105		
2.85000	.0125			

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS52) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.002	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = 1.252 RN/L (1) = 4.526 P = 799.92 PT = 2076.5 TTF = 81.778 Q = 877.15

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0023				
-4.28400								.0222						-.0001	
-3.55700						.0009					-.0010				
-2.85000				-.0042				.0118						.0057	
-2.14300						.0110					-.0055				
-1.43500								.0200						.0480	
-.72800											.0190				
-.69700					.0214										
.01100			.0094				.0123								
.71800		.0057			-.0029					-.0306					
1.42500	.0083		.0051				-.0186						-.0542		
2.13200		-.0013			-.0114					-.0162					
2.83900			-.0066				-.0186								
2.86000															-.0153
3.54600					-.0159										
3.56700												-.0134			
4.27400									.0046						.0082
4.98200												.0276			
5.68900															.0287

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0069	
-4.98200											.0101				
-4.27400								.0054						-.0033	
-3.56700											.0270				
-3.55700		.0057													
-2.85000														.0231	
-2.85000					.0182										
-2.14300		.0211													
-2.12100										.0136					
-1.41400							.0248						-.0409		
-.70700				.0304						-.0166					
.00000	.0396						-.0205						-.0209		
.70700				-.0105						-.0155					
1.41400							.0147						.0351		
2.12100										.1207					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS52)

MACH (1) = 1.252 RN/L (1) = 4.526

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			-.0225												
2.85000															-.0250
2.86000						-.0317									
3.56700			-.0055						-.0330						
4.27400						-.0047						.0037			
4.98200			.0160						.0250						
5.68900						.0273									
6.39600			.0385												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0258													
-5.68900					.0007										
-4.98200		.0087						.0004							
-4.27400					.0093						.0006				
-3.56700		-.0117						-.0072							
-3.54600															.0019
-2.86000					-.0031										
-2.83900													.0084		
-2.15300		.0064													
-2.13200										.0139					.0166
-1.42500							.0071						.0145		
-.71800										.0015					.0011
-.70700	-.0066														
-.01100													.0042		
.00000				-.0029											
.69700															-.0150
.70700	-.0001														
.72800									.0209						
1.43500						.0007						.0081			
2.14300			.0012						.0119					.0107	
2.85000						.0135						.0030			
3.55700			.0135						.0233					.0153	
4.26400						.0261						.0153			
4.97100									.0222						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0016		
-2.13200			-.0023	
-1.42500		.0011		-.0073
-.71800			-.0037	
-.01100		-.0065		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS52)

MACH (1) = 1.252 RN/L (1) = 4.526

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.0152			

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS53) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 5.925 P = 2843.9 PT = 3628.3 TTF = 81.709 Q = 717.34

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68300	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											-.0022				
-4.26400									.0353					.0051	
-3.55700							-.0020				.0021				
-2.85000				-.0084					.0281					.0228	
-2.14300							.0107				.0072				
-1.43500									.0213					.0843	
-.72800											.0431				
-.69700					.0196										
.01100			-.0105				-.0276								
.71800		-.0117			-.0234					-.0878					
1.42500	-.0037		-.0117				-.0405						-.1342		
2.13200		-.0119			-.0193					-.0360					
2.83900			-.0117				-.0289								
2.86000															-.0414
3.54600					-.0084										
3.56700												-.0122			
4.27400								-.0094							.0016
4.98200												.0142			
5.68900															.0012

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.0052	
-4.98200											.0088				
-4.27400								.0088						.0033	
-3.56700											.0190				
-3.55700		.0205													
-2.86000														.0176	
-2.85000					.0283										
-2.14300		.0627													
-2.12100										-.0514					
-1.41400							.0051						-.0938		
-.70700				.0746						-.0588					
.00000	.1352						-.0582						-.1079		
.70700				-.0432						-.0717					
1.41400							-.0223						.0748		
2.12100										.2111					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS53)

MACH (1) = .600 RN/L (1) = 5.925

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			-.0756												
2.85000															-.0123
2.86000						-.0261									
3.56700			-.0051						-.0078						
4.27400						.0092						-.0078			
4.98200			.0037						.0149						
5.68900						.0063									
6.39600			.0187												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0712													
-5.68900					-.0085										
-4.98200		.0019						-.0004							
-4.27400					.0005						-.0057				
-3.56700		-.0156						-.0057							
-3.54600															-.0012
-2.85000					-.0165										
-2.83900													.0061		
-2.15300		-.0101													
-2.13200										.0053					.0179
-1.42500							-.0168						.0112		
-.71800										-.0073					.0083
-.70700	-.0850														
-.01100													-.0026		
.00000				-.0063											
.69700															-.0452
.70700	.0192														
.72800									.0095						
1.43500						-.0060						-.0048			
2.14300			.0014						.0093					.0050	
2.85000						.0085						.0042			
3.55700			.0081						.0120					.0018	
4.26400						-.0066						-.0056			
4.97100									-.0166						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0026		
-2.13200			-.0004	
-1.42500		-.0037		-.0004
-.71800			.0073	
-.01100		-.0152		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS53)

MACH (1) = .600 RN/L (1) = 5.925

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.0062			

MACH (2) = .899 RN/L (1) = 6.004 P = 1762.5 PT = 2976.9 TTF = 88.158 Q = 996.50

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100												-.0018			
-4.26400									.0364					.0069	
-3.55700						.0032						.0092			
-2.85000				-.0044					.0251					.0316	
-2.14300						.0303						.0162			
-1.43500									.0286					.0911	
-.72800												.0413			
-.69700					.0184										
.01100			-.0047				-.0219								
.71800		-.0074			-.0222						-.0817				
1.42500	-.0064		-.0118				-.0275						-.1132		
2.13200		.0007			-.0118						-.0363				
2.63900			-.0071				-.0191								
2.86000															-.0443
3.54600					-.0041										
3.56700												-.0185			
4.27400								-.0127							.0089
4.98200												.0288			
5.68900															.0112

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0086	
-4.98200											.0046				
-4.27400								.0069						.0049	
-3.56700											.0415				
-3.55700		.0111													
-2.86000														.0211	
-2.85000					.0303										
-2.14300		.0534													
-2.12100										-.0279					
-1.41400							.0185						-.0792		
-.70700				.0687						-.0357					
.00000	.1050						-.0465						-.0499		
.70700				-.0202						-.0440					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS53)

MACH (2) = .899 RN/L (1) = 6.004

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							-.0079						.0721		
2.12100										.1940					
2.15300			-.0744												
2.85000															-.0313
2.86000						-.0315									
3.56700			-.0079						-.0127						
4.27400						.0125						-.0114			
4.98200			.0109						.0156						
5.68900						.0180									
6.39600			.0241												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0784													
-5.68900					-.0048										
-4.98200		.0198						-.0019							
-4.27400					.0174						-.0078				
-3.56700		-.0039						-.0190							
-3.54600															.0013
-2.85000					-.0053										
-2.83900													.0103		
-2.15300		.0023													
-2.13200										.0078					.0252
-1.42500							-.0152						.0091		
-.71800										.0149					.0115
-.70700	-.0498														
-.01100													-.0082		
.00000				-.0059											
.69700															-.0355
.70700	.0058														
.72800									-.0029						
1.43500						-.0170						-.0077			
2.14300			-.0344						.0080					.0136	
2.85000						.0080						.0016			
3.55700			.0140						.0214					-.0043	
4.26400						-.0035						-.0136			
4.97100									-.0255						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0077		
-2.13200			.0016	
-1.42500		.0121		-.0072

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS53)

MACH (2) = .899 RN/L (1) = 6.004

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			-.0055	
-.01100		-.0131		
2.85000	-.0009			

MACH (3) = 1.100 RN/L (1) = 6.020 P = 1293.6 PT = 2761.9 TTF = 78.756 Q = 1095.5

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100												-.0015			
-4.26400										.0392				.0207	
-3.55700							.0109					.0248			
-2.85000					.0079					.0332				.0360	
-2.14300							.0305					.0106			
-1.43500										.0320				.0676	
-.72800												.0446			
-.69700						.0374									
.01100				.0115					.0053						
.71800			.0024				-.0006						-.0264		
1.42500		.0084		-.0025					-.0067						-.0700
2.13200			.0032				.0044						-.0134		
2.83900				.0233					.0153						
2.86000															.0269
3.54600						.0405									
3.56700												.0307			
4.27400											.1010				.0818
4.98200												.1428			
5.68900															.1558

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0093	
-4.98200											.0110				
-4.27400								.0193						.0161	
-3.56700											.0467				
-3.55700			.0314												
-2.86000														.0406	
-2.85000						.0433									
-2.14300			.0551												
-2.12100										.0074					
-1.41400							.0345						-.0245		
-.70700					.0694					-.0070					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS53)

MACH (3) = 1.100 RN/L (1) = 6.020

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.0754						-.0112						-.0117		
.70700				-.0077						-.0086					
1.41400							.0256						.0535		
2.12100										.1387					
2.15300			-.0213												
2.85000															.0270
2.86000						.0011									
3.56700			.0704						.0553						
4.27400						.1032						.0845			
4.98200			.1282						.1291						
5.68900						.1504									
6.39600			.1888												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39500		-.0611													
-5.68900					-.0066										
-4.98200		.0180						.0071							
-4.27400					.0277						.0002				
-3.56700		.0117						.0038							
-3.54600															.0128
-2.86000					.0169										
-2.83900													.0296		
-2.15300		.0227													
-2.13200										.0355					.0361
-1.42500							.0154						.0258		
-.71800										.0114					.0160
-.70700	.0036														
-.01100													.0151		
.00000				.0100											
.69700															-.0187
.70700	.0132														
.72800									.0131						
1.43500						.0136						.0200			
2.14300			.0096						.0409					.0342	
2.85000						.0402						.0513			
3.55700			.0856						.0825					.0671	
4.26400						.1005						.0954			
4.97100									.1224						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0237		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS53)

MACH (3) = 1.100 RN/L (1) = 6.020

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			.0169	
-1.42500		.0184		.0087
-.71800			.0103	
-.01100		.0014		
2.85000	.0432			

MACH (4) = 1.246 RN/L (1) = 6.014 P = 1074.3 PT = 2769.0 TTF = 83.340 Q = 1167.9

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0124				
-4.26400								.0180						-.0076	
-3.55700							.0000				-.0023				
-2.85000					-.0111			.0082						.0063	
-2.14300							.0087				-.0065				
-1.43500								.0155						.0539	
-.72800											.0159				
-.69700						.0168									
.01100				.0005				.0050							
.71800			.0109			.0002				-.0284					
1.42500		.0113		.0048				-.0095						-.0434	
2.13200			.0007			-.0070				-.0137					
2.83900				.0050				-.0084							
2.86000															-.0118
3.54600						.0086									
3.56700												.0005			
4.27400									.0215						.0194
4.98200												.0621			
5.68900															.0871

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0017	
-4.98200											.0064				
-4.27400								-.0020						-.0132	
-3.56700											.0240				
-3.55700			.0028												
-2.85000														.0174	
-2.85000						.0133									
-2.14300			.0270												
-2.12100										.0103					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS53)

MACH (4) = 1.246 RN/L (1) = 6.014

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-1.41400							.0281						-.0288		
-.70700				.0386						-.0148					
.00000	.0400						-.0232						-.0135		
.70700				-.0127						-.0135					
1.41400							.0167						.0362		
2.12100										.1190					
2.15300			-.0088												
2.85000															-.0056
2.86000						-.0244									
3.56700			.0154						-.0007						
4.27400						.0294						.0509			
4.98200			.0724						.0613						
5.68900						.1110									
6.39600			.1643												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0358													
-5.68900					-.0068										
-4.98200		.0082						-.0064							
-4.27400					.0051						-.0077				
-3.56700		-.0167						-.0148							
-3.54600															-.0059
-2.86000					-.0064										
-2.83900													.0015		
-2.15300		.0117													
-2.13200										.0171					.0164
-1.42500							.0061						.0115		
-.71800										.0004					.0031
-.70700	-.0053														
-.01100													.0018		
.00000				-.0051											
.69700															-.0041
.70700	.0074														
.72800									.0184						
1.43500						-.0021						.0102			
2.14300			-.0009						.0195					.0162	
2.85000						.0124						.0149			
3.55700			.0315						.0512					.0214	
4.26400						.0616						.0417			
4.97100									.0563						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS53)

MACH (4) = 1.246 RN/L (1) = 6.014

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0016		
-2.13200			-.0079	
-1.42500		-.0004		-.0105
-.71800			-.0018	
-.01100		-.0088		
2.85000	.0237			

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS54) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.412 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 2.015 P = 943.50 PT = 1205.2 TTF = 72.663 Q = 239.22

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											-.0035				
-4.26400									.0165					-.0017	
-3.55700							-.0111				.0007				
-2.85000				-.0111					.0107					.0118	
-2.14300							.0048				-.0005				
-1.43500									.0124					.0747	
-.72800											.0447				
-.69700					-.0111										
.01100			-.0375				-.0463								
.71800		-.0393			-.0475					-.1386					
1.42500	-.0287		-.0440				-.0728						-.1944		
2.13200		-.0463			-.0546					-.0746					
2.83900			-.0416				-.0622								
2.85000															-.0809
3.54600					-.0522										
3.56700												-.0562			
4.27400								-.0527							-.0497
4.98200												-.0438			
5.68900															-.0491

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														.0023	
-4.98200											.0100				
-4.27400								.0082						.0046	
-3.56700											.0290				
-3.55700		.0159													
-2.85000														.0266	
-2.85000					.0295										
-2.14300		.0477													
-2.12100										-.0823					
-1.41400							-.0167						-.1291		
-.70700				.0558						-.0892					
.00000	.1038						-.0960						-.1280		
.70700				-.0812						-.1006					
1.41400							-.0378						.0690		
2.12100										.2157					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS54)

MACH (1) = .602 RN/L (1) = 2.015

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72600	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			-.1292												-.0531
2.85000															
2.86000						-.0692									
3.56700			-.0474						-.0615						
4.27400						-.0409						-.0556			
4.98200			-.0432						-.0356						
5.68900						-.0538									
6.39600			-.0468												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0601													
-5.68900					-.0025										
-4.98200		.0130						.0106							
-4.27400					.0076						-.0031				
-3.55700		-.0060						-.0037							
-3.54600															-.0045
-2.86000					-.0049										
-2.83900													.0003		
-2.15300		-.0173													
-2.13200										-.0092					.0116
-1.42500							-.0418						-.0039		
-.71800										-.0222					-.0009
-.70700	-.1052														
-.01100													-.0104		
.00000				-.0264											
.69700															-.0554
.70700	-.0081														
.72800									-.0248						
1.43500						-.0342						-.0336			
2.14300			-.0413						-.0248					-.0260	
2.85000						-.0378						-.0319			
3.55700			-.0378						-.0272					-.0368	
4.26400						-.0472						-.0484			
4.97100									-.0672						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0086		
-2.13200			-.0021	
-1.42500		-.0098		-.0145
-.71800			-.0056	
-.01100		-.0199		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS54)

MACH (1) = .602 RN/L (1) = 2.015

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	-.0277			

MACH (2) = .899 RN/L (1) = 1.998 P = 565.82 PT = 955.52 TTF = 73.186 Q = 319.80

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0047				
-4.26400									.0268					.0105	
-3.55700							.0078				.0167				
-2.85000					.0012				.0233					.0255	
-2.14300							.0171				.0100				
-1.43500									.0273					.0755	
-.72800											.0525				
-.69700					.0169										
.01100			-.0126				-.0188								
.71800		-.0175			-.0223					-.0911					
1.42500	-.0161		-.0232				-.0413						-.1189		
2.13200		-.0223			-.0285					-.0475					
2.83900			-.0153				-.0329								
2.86000															-.0401
3.54600					-.0175										
3.56700												-.0228			
4.27400								-.0215							-.0096
4.98200												-.0038			
5.68900															-.0136

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0012	
-4.98200											.0176				
-4.27400								.0189						.0145	
-3.56700											.0404				
-3.55700		.0136													
-2.83000														.0328	
-2.85000					.0312										
-2.14300		.0436													
-2.12100										-.0308					
-1.41400							.0132						-.0855		
-.70700				.0696						-.0415					
.00000	.0842						-.0500						-.0705		
.70700				-.0393						-.0538					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3T554)

MACH (2) = .899 RN/L (1) = 1.998

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
1.41400							-.0081								
2.12100													.0551		
2.15300			-.0830							.1996					
2.85000															-.0461
2.86000						-.0472									
3.56700			-.0144						-.0405						
4.27400						-.0052						-.0237			
4.98200			-.0074						-.0096						
5.68900						-.0118									
6.39600			-.0012												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0593													
-5.68900					.0042										
-4.98200		.0252						.0082							
-4.27400					.0207						-.0007				
-3.56700		.0028						-.0106							
-3.54600															.0040
-2.86000					-.0012										
-2.83900													.0111		
-2.15300		.0118													
-2.13200										.0133					.0239
-1.42500							-.0138						.0093		
-.71800										.0000					-.0018
-.70700	-.0453														
-.01100													-.0018		
.00000				-.0133											
.69700															-.0471
.70700	-.0013														
.72800									-.0095						
1.43500						-.0095						-.0095			
2.14300			-.0272						.0028					-.0020	
2.85000						-.0095						-.0078			
3.56700			-.0095						.0046					-.0228	
4.26400						-.0170						-.0333			
4.97100									-.0316						

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		.0026		
-2.13200			-.0005	
-1.42500		.0026		-.0103

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS54)

MACH (2) = .899 RN/L (1) = 1.998

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			-.0098	
-.01100		-.0258		
2.85000	-.0069			

MACH (3) = 1.102 RN/L (1) = 2.005 P = 422.24 PT = 903.89 TTF = 71.792 Q = 358.98

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0279				
-4.26400								.0263						.0106	
-3.55700							-.0004				-.0012				
-2.85000					.0224			.0504						.0692	
-2.14300							.0500				.0468				
-1.43500								.0618						.0842	
-.72800											.0665				
-.69700						.0624									
.01100				.0168				.0270							
.71800			.0093			-.0044				-.0500					
1.42500		-.0056		-.0166				-.0379					-.0779		
2.13200			-.0280			-.0300				-.0335					
2.83900				-.0296				-.0355							
2.86000															-.0515
3.54600						-.0320									
3.55700												-.0542			
4.27400									-.0527						-.0586
4.98200												-.0440			
5.68900															-.0369

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0488	
-4.98200											.0484				
-4.27400								.0284						.0105	
-3.56700											.0380				
-3.55700		-.0048													
-2.86000														.0799	
-2.85000						.0567									
-2.14300		.0791													
-2.12100										.0133					
-1.41400							.0441						-.0397		
-.70700				.0879						-.0084					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS54)

MACH (3) = 1.102 RN/L (1) = 2.005

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.0608						-.0149						-.0199		
.70700				-.0054						-.0088					
1.41400							.0273						.0700		
2.12100										.1857					
2.15300			-.0637												
2.85000															-.0645
2.86000						-.0668									
3.56700			-.0594						-.1109						
4.27400						-.0578						-.0672			
4.98200			-.0413						-.0346						
5.68900						-.0310									
6.39600			-.0228												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0106													
-5.68900					.0428										
-4.98200		.0332						.0316							
-4.27400					.0181						.0141				
-3.56700		-.0003						.0021							
-3.54600															.0022
-2.86000					.0288										
-2.83900													.0425		
-2.15300		.0543													
-2.13200										.0701					.0654
-1.42500							.0275						.0445		
-.71800										.0172					.0267
-.70700	-.0004														
-.01100													.0149		
.00000				.0121											
.69700															-.0128
.70700	.0228														
.72800									.0079						
1.43500						.0075						-.0066			
2.14300			-.0090						.0048					-.0086	
2.85000						-.0184						-.0141			
3.55700			-.0755						-.0204					-.0153	
4.26400						-.0527						-.0334			
4.97100									-.0495						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0109		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS54)

MACH (3) = 1.102 RN/L (1) = 2.005

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			.0251	
-1.42500		.0405		.0307
-.71800			.0267	
-.01100		.0121		
2.85000	-.0047			

MACH (4) = 1.248 RN/L (1) = 2.014 P = 349.39 PT = 903.18 TTF = 72.524 Q = 381.19

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											-.0033				
-3.55700								.0212							
-2.85000							.0048				.0034			.0037	
-2.14300					.0022			.0119						.0026	
-1.43500							.0078				-.0044				
-.72800								.0226						.0556	
-.69700											.0415				
.01100						.0155									
.71800			.0110						.0288						
1.42500		.0147				.0173						-.0223			
2.13200	.0103		.0077						-.0241						
2.83900		-.0060				-.0193							-.0830		
2.86000			-.0130						-.0175			-.0175			
3.54600															-.0032
3.56700						-.0108									
4.27400													-.0069		
4.98200										.0016					-.0095
5.68900													-.0139		
															-.0199

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														.0076	
-4.27400											.0087				
-3.56700								.0110						.0020	
-3.55700		.0004									.0290				
-2.86000															
-2.85000						.0186								.0331	
-2.14300		.0345													
-2.12100										.0078					

DATE 21 OCT 82 STATIC PRESSURE SOURCE DATA TABULATION- OA252(ARC 22-382)

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS54)

MACH (4) = 1.248 RN/L (1) = 2.014

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-1.41400							.0279						-.0413		
-.70700				.0584			-.0262			-.0266			-.0273		
.00000	.0408			-.0176			.0171			-.0219			.0455		
.70700										.1616					
1.41400															
2.12100			-.0165												-.0231
2.15300						-.0206			-.0536			-.0250			
2.85000															
2.86000			-.0043			-.0150			-.0143						
3.56700															
4.27400			-.0176			-.0128									
4.98200															
5.68900			-.0043												
6.39600															

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0314													
-5.68900					.0039										
-4.98200		.0117						.0054							
-4.27400					.0102						.0016				
-3.56700		-.0100						-.0100							-.0037
-3.54600															
-2.86000					.0024								.0019		
-2.83900															
-2.15300		.0223								.0138					.0146
-2.13200							.0138						.0168		
-1.42500										.0027					.0049
-.71800															
-.70700	-.0069												.0027		
-.01100															
.00000				.0007											-.0211
.69700															
.70700	.0025								.0099			.0024			
.72800						.0098								.0098	
1.43500									.0165						
2.14300			-.0054									.0142			
2.85000						.0109								.0091	
3.55700			-.0157						.0224						
4.26400						-.0050						.0065			
4.97100									-.0243						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS54)

MACH (4) = 1.248 RN/L (1) = 2.014

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0045		
-2.13200			-.0070	
-1.42500		.0023		-.0159
-.71800			-.0066	
-.01100		-.0081		
2.85000	.0098			

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS55) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.382 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 4.465 P = 2164.2 PT = 2759.8 TTF = 85.352 Q = 544.74

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0123				
-4.26400								.0191						.0003	
-3.55700						-.0094					-.0020				
-2.85000					-.0156			.0085						.0116	
-2.14300						.0016					.0011				
-1.43500								.0191						.0968	
-.72800											.0329				
-.69700					-.0059										
.01100			-.0378				-.0453								
.71800		-.0370			-.0486					-.1398					
1.42500	-.0270		-.0427				-.0692						-.1964		
2.13200		-.0473			-.0625					-.0759					
2.83900			-.0363				-.0679								
2.86000															-.0901
3.54600					-.0553										
3.56700												-.0555			
4.27400									-.0596						-.0449
4.98200												-.0426			
5.68900															-.0462

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0147	
-4.98200											.0132				
-4.27400								.0008						-.0176	
-3.56700											.0181				
-3.55700		.0062													
-2.86000														.0109	
-2.85000					.0244										
-2.14300		.0529													
-2.12100										-.0768					
-1.41400							-.0195						-.1324		
-.70700				.0717						-.0981					
.00000	.1534						-.1046						-.1419		
.70700				-.0813						-.1229					
1.41400							-.0440						.0752		
2.12100										.2260					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS55)

MACH (1) = .600 RN/L (1) = 4.465

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			-.1447												
2.85000															-.0599
2.86000						-.0707									
3.56700			-.0529						-.0573						
4.27400						-.0361						-.0558			
4.98200			-.0462						-.0237						
5.68900						-.0477									
6.39600			-.0400												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0958													
-5.68900					-.0101										
-4.98200		.0057						-.0155							
-4.27400					.0018						-.0186				
-3.56700		-.0292						-.0254							
-3.54600															-.0060
-2.86000					-.0160										
-2.83900													-.0070		
-2.15300		-.0269													
-2.13200										.0018					.0145
-1.42500							-.0438						-.0135		
-.71800										-.0254					-.0109
-.70700	-.1124														
-.01100													-.0200		
.00900				-.0325											
.69700															-.0708
.70700	-.0167														
.72800									-.0291						
1.43500						-.0436						-.0341			
2.14300			-.0408						-.0291					-.0281	
2.85000						-.0328						-.0379			
3.56700			-.0338						-.0253					-.0297	
4.26400						-.0480						-.0495			
4.97100									-.0746						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0041		
-2.13200			-.0161	
-1.42500		-.0057		-.0220
-.71800			-.0200	
-.01100		-.0223		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS55)

MACH (1) = .600 RN/L (1) = 4.465

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	-.0291			

MACH (2) = .800 RN/L (1) = 4.474 P = 1541.1 PT = 2348.8 TTF = 90.407 Q = 690.11

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0009				
-4.26400									.0380					.0065	
-3.55700						.0036					.0117				
-2.85000				.0044					.0280					.0209	
-2.14300						.0209					.0130				
-1.43500									.0317					.0904	
-.72800											.0532				
-.69700					.0161										
.01100			-.0152				-.0278								
.71800		-.0187			-.0284					-.1201					
1.42500	-.0028		-.0205				-.0439						-.1445		
2.13200		-.0231			-.0321					-.0603					
2.83900			-.0115				-.0447								
2.86000															-.0453
3.54600					-.0250										
3.56700												-.0253			
4.27400								-.0159							-.0147
4.98200												-.0057			
5.68900															-.0100

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0003	
-4.98200											.0177				
-4.27400								.0222						.0028	
-3.56700											.0343				
-3.55700		.0093													
-2.86000														.0296	
-2.85000					.0438										
-2.14300		.0516													
-2.12100										-.0473					
-1.41400							.0085						-.1118		
-.70700				.0909						-.0647					
.00000	.1344						-.0754						-.0920		
.70700				-.0499						-.0786					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS55)

MACH (2) = .800 RN/L (1) = 4.474

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
1.41400							-.0170								
2.12100													.0675		
2.15300			-.1061							.2213					
2.85000															-.0284
2.86000					-.0500										
3.56700			-.0177						-.0426						
4.27400					-.0047							-.0281			
4.98200			-.0132						-.0063						
5.68900					-.0069										
6.39600			-.0020												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0852													
-5.68900					-.0087										
-4.98200		.0204						-.0050							
-4.27400					.0120						-.0005				
-3.56700		-.0128						-.0128							
-3.54600															.0010
-2.86000					-.0087										
-2.83900													.0143		
-2.15300		-.0038													
-2.13200										.0116					.0272
-1.42500							-.0146						.0092		
-.71800										-.0048					.0059
-.70700	-.0754														
-.01100													-.0013		
.00000				-.0132											
.69700															-.0484
.70700	-.0002														
.72800									.0010						
1.43500						-.0190						-.0112			
2.14300			-.0100						-.0006					-.0072	
2.85000						-.0137						-.0133			
3.55700			-.0153						-.0039					-.0117	
4.26400						-.0174						-.0198			
4.97100									-.0419						

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		.0006		
-2.13200			-.0035	
-1.42500		.0036		-.0007

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS55)

MACH (2) = .800 RN/L (1) = 4.474

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			-.0033	
-.01100		-.0160		
2.85000	-.0076			

MACH (3) = .897 RN/L (1) = 4.428 P = 1321.9 PT = 2227.9 TTF = 94.000 Q = 744.09

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400															
-3.55700															
-2.85000															
-2.14300															
-1.43500															
-.72800															
-.69700															
.01100															
.71800															
1.42500															
2.13200															
2.83900															
2.86000															
3.54600															
3.56700															
4.27400															
4.98200															
5.68900															

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200															
-4.27400															
-3.56700															
-3.55700															
-2.96000															
-2.85000															
-2.14300															
-2.12100															
-1.41400															
-.70700															

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS55)

MACH (3) = .897 RN/L (1) = 4.428

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
.00000	.1092														
.70700				-.0445			-.0505						-.0725		
1.41400							-.0001			-.0558					
2.12100										.2433			.0650		
2.15300			-.0827												
2.85000															-.0256
2.86000						-.0392									
3.56700			-.0115						-.0382						
4.27400						.0019						-.0159			
4.98200			.0027						.0042						
5.68900						.0006									
6.39600			.0122												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0714													
-5.68900					.0030										
-4.98200		.0228						-.0004							
-4.27400					.0190						.0055				
-3.56700		-.0116						-.0059							
-3.54600															.0121
-2.86000					-.0042										
-2.83900															
-2.15300		.0066											.0127		
-2.13200										.0178					.0310
-1.42500							-.0122						.0186		
-.71800										-.0014					.0081
-.70700	-.0452														
-.01100													.0049		
.00000				-.0074											
.69700															-.0366
.70700	.0021														
.72800									.0066						
1.43500						-.0154						.0034			
2.14300			-.0021						.0066					-.0004	
2.85000						-.0084						-.0076			
3.55700			-.0080						.0140					-.0036	
4.26400						-.0048						-.0112			
4.97100									-.0309						

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		.0155		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS55)

MACH (3) = .897 RN/L (1) = 4.428

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			.0003	
-1.42500		.0108		.0009
-.71800			-.0004	
-.01100		-.0130		
2.85000	-.0004			

MACH (4) = 1.048 RN/L (1) = 4.526 P = 1046.8 PT = 2097.1 TTF = 79.277 Q = 804.49

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0461				
-4.26400								-.0134						-.0396	
-3.55700						-.0283					-.0386				
-2.85000				-.0292				.0021						.0228	
-2.14300						.0065					.0355				
-1.43500								.0663						.1024	
-.72800											.0589				
-.69700					.0714										
.01100			.0312				.0263								
.71800		.0123			-.0083					-.0476					
1.42500	-.0013		-.0174				-.0284						-.0893		
2.13200		-.0294			-.0292					-.0366					
2.83900			-.0090				-.0298								
2.86000															-.0318
3.54600					-.0142										
3.56700												-.0306			
4.27400									-.0285						-.0152
4.98200												-.0064			
5.68900															-.0080

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0384	
-4.98200											-.0326				
-4.27400								-.0294						-.0480	
-3.56700											-.0070				
-3.55700		-.0302													
-2.86000														.0331	
-2.85000					.0138										
-2.14300		.0647													
-2.12100										.0081					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3T655)

MACH (4) = 1.048 RN/L (1) = 4.526

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-1.41400							.0449						-.0381		
-.70700				.0834						-.0232					
.00000	.0793						-.0252						-.0262		
.70700				-.0184						-.0144					
1.41400							.0274						.0702		
2.12100										.1989					
2.15300			-.0595												
2.85000															-.0345
2.86000						-.0477									
3.56700			-.0192						-.0603						
4.27400						-.0115						-.0355			
4.98200			-.0092						-.0048						
5.68900						-.0036									
6.39600			.0050												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.1031													
-5.68900					-.0404										
-4.98200		-.0310						-.0453							
-4.27400					-.0241						-.0400				
-3.56700		-.0376						-.0356							
-3.54600															-.0314
-2.86000					-.0165										
-2.83900													-.0046		
-2.15300		.0059													
-2.13200										.0324					.0155
-1.42500							.0169						.0299		
-.71800										.0146					.0278
-.70700	-.0101														
-.01100													.0221		
.00000				.0026											
.69700															-.0191
.70700	.0174														
.72800									.0281						
1.43500						.0104						.0202			
2.14300			.0111						.0237					.0167	
2.85000						-.0010						.0006			
3.55700			-.0375						.0023					-.0071	
4.26400						-.0292						-.0268			
4.97100									-.0446						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS55)

MACH (4) = 1.048 RN/L (1) = 4.526

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0022		
-2.13200			.0086	
-1.42500		.0295		-.0029
-.71800			.0169	
-.01100		.0114		
2.85000	.0076			

MACH (5) = 1.101 RN/L (1) = 4.512 P = 973.20 PT = 2079.4 TTF = 80.632 Q = 825.09

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400															
-3.55700															
-2.85000															
-2.14300															
-1.43500															
-.72800															
-.69700															
.01100															
.71800															
1.42500															
2.13200															
2.83900															
2.86000															
3.54600															
3.56700															
4.27400															
4.98200															
5.68900															

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200															
-4.27400															
-3.56700															
-3.55700															
-2.86000															
-2.85000															
-2.14300															

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											.0186				
-3.55700							.0273							.0024	
-2.85000				.0428		.0113					.0121				
-2.14300							.0740							.0578	
-1.43500						.0406					.0326				
-.72800							.0476							.0963	
-.69700											.0552				
.01100			.0054		.0613										
.71800		-.0034					.0183								
1.42500	-.0086		-.0166		-.0157				-.0533						
2.13200		-.0317			-.0389		-.0385						-.0862		
2.83900			-.0310						-.0358						
2.86000							-.0418								
3.54600					-.0259										-.0517
3.56700															
4.27400												-.0593			
4.98200								-.0507							-.0434
5.68900												-.0224			
															-.0304

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														.0257	
-4.27400											.0319				
-3.56700							.0189							-.0073	
-3.55700		.0135									.0464				
-2.86000															
-2.85000					.0702									.0749	
-2.14300		.0724													

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS55)

MACH (5) = 1.101 RN/L (1) = 4.512

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.68700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0131					
-1.41400							.0452						-.0365		
-.70700				.0684						-.0127					
.00000	.0601						-.0168						-.0213		
.70700				-.0054						-.0142					
1.41400							.0383						.0661		
2.12100										.2190					
2.15300			-.0555												
2.85000															-.0737
2.86000					-.0804										
3.56700			-.0582						-.1081						
4.27400					-.0412							-.0545			
4.98200			-.0265						-.0210						
5.68900					-.0214										
6.39600			-.0075												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0463													
-5.68900					.0192										
-4.98200		.0214						.0065							
-4.27400					.0051						-.0052				
-3.56700		.0051						.0111							
-3.54600															.0116
-2.86000					.0579										
-2.83900													.0725		
-2.15300		.0423													
-2.13200										.0742					.0732
-1.42500							.0248						.0442		
-.71800										.0037					.0150
-.70700	.0077														
-.01100													-.0013		
.00000				.0082											
.69700															-.0322
.70700	.0184														
.72800									.0069						
1.43500					-.0076							-.0042			
2.14300			-.0142						.0022					-.0069	
2.85000					-.0223							-.0136			
3.55700			-.0672						-.0101					-.0054	
4.26400					-.0417							-.0282			
4.97100									-.0624						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS55)

MACH (5) = 1.101 RN/L (1) = 4.512

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	4.97100	4.98200	5.68900	6.39600
-2.83900		.0560		
-2.13200			.0447	
-1.42500		.0361		.0232
-.71800			.0107	
-.01100		-.0106		
2.85000	-.0047			

MACH (6) = 1.250 RN/L (1) = 4.519 P = 814.07 PT = 2109.1 TTF = 88.850 Q = 890.54

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100															
-4.26400											-.0036				
-3.55700							.0283							-.0008	
-2.85000						.0041					.0014				
-2.14300				.0010			.0183							-.0001	
-1.43500						.0114					-.0033				
-.72800							.0207							.0698	
-.69700											.0385				
.01100					.0208										
.71800			.0038				.0300								
1.42500		.0186			.0208					-.0323					
2.13200	.0161		.0084				-.0279						-.0728		
2.83900		-.0157			-.0299					-.0315					
2.86000			-.0197				-.0225								
3.54600															-.0077
3.56700					-.0131										
4.27400												-.0155			
4.98200									.0018						-.0112
5.68900												-.0115			
															-.0249

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900															
-4.98200														.0093	
-4.27400											.0082				
-3.56700								.0068						-.0051	
-3.55700		.0043									.0337				
-2.85000															
-2.85000														.0310	
-2.14300		.0385			.0220										

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS55)

MACH (6) = 1.250 RN/L (1) = 4.519

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0132					
-1.41400							.0345						-.0472		
-.70700				.0660						-.0236					
.00000	.0529						-.0268						-.0271		
.70700				-.0162						-.0207					
1.41400							.0222						.0532		
2.12100										.1720					
2.15300			-.0283												
2.85000															-.0224
2.86000						-.0238									
3.56700			-.0083						-.0550						
4.27400						-.0175						-.0257			
4.98200			-.0136						-.0132						
5.68900						-.0186									
6.39600			-.0009												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0298													
-5.68900					.0012										
-4.98200		.0144						.0081							
-4.27400					.0116						.0011				
-3.56700		-.0225						-.0114							
-3.54600															.0039
-2.86000					-.0018										
-2.83900													.0053		
-2.15300		.0219													
-2.13200										.0214					.0258
-1.42500							.0233						.0263		
-.71800										.0047					.0134
-.70700	-.0038														
-.01100													.0039		
.00000				.0040											
.69700															-.0136
.70700	.0031														
.72800									.0199						
1.43500						-.0142						.0013			
2.14300			-.0079						.0199					.0104	
2.85000						.0202						.0147			
3.55700			-.0114						.0294					.0145	
4.26400						-.0101						.0044			
4.97100									-.0252						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3T655)

MACH (6) = 1.250 RN/L (1) = 4.519

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0055		
-2.13200			-.0018	
-1.42500		.0012		-.0144
-.71800			-.0039	
-.01100		-.0031		
2.85000	.0133			

MACH (7) = 1.397 RN/L (1) = 4.489 P = 667.66 PT = 2116.9 TTF = 87.430 Q = 912.55

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											-.0083				
-3.55700							.0178							-.0169	
-2.85000						-.0078					-.0103				
-2.14300				-.0051			.0025							-.0155	
-1.43500						.0050					-.0217				
-.72800							-.0075							.0518	
-.69700											.0362				
.01100					.0049										
.71800			-.0019				.0261								
1.42500		.0022			.0228					-.0144					
2.13200	-.0048		.0179				-.0090						-.0833		
2.83900		-.0030			-.0150					-.0230					
2.86000			-.0141				-.0210								
3.54600					-.0220										-.0136
3.56700												-.0201			
4.27400								-.0218							-.0127
4.98200												-.0071			
5.68900															-.0195

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														-.0060	
-4.27400											-.0112				
-3.56700								-.0147						-.0356	
-3.55700		-.0217									.0144				
-2.85000															
-2.85000					.0023									.0163	
-2.14300		.0324													

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS55)

MACH (7) = 1.397 RN/L (1) = 4.489

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100															
-1.41400										.0121					
-.70700							.0320						-.0442		
.00000	.0368			.0609						-.0227					
.70700							-.0301						-.0239		
1.41400				-.0152						-.0188					
2.12100							.0207						.0535		
2.15300			-.0187							.1684					
2.85000															
2.83000						-.0111									-.0173
3.56700			-.0067						-.0559						
4.27400						-.0210						-.0287			
4.99200			-.0161						-.0090						
5.68900						-.0071									
6.39600			.0063												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0239													
-5.68900					-.0201										
-4.99200		-.0076						-.0055							
-4.27400					-.0023						-.0096				
-3.56700		-.0444						-.0216							
-3.54600															-.0058
-2.86900					-.0088										
-2.83900													-.0002		
-2.15300		.0310													
-2.13200										.0150					.0214
-1.42500							.0162						.0085		
-.71800										.0054					-.0049
-.70700	-.0028														
-.01100													.0049		
.00000				-.0012											
.69700															-.0018
.70700	.0018														
.72800									.0217						
1.43500					-.0060							.0086			
2.14300			-.0181						.0166					.0089	
2.85000					.0024							.0034			
3.55700			-.0060						.0222					-.0005	
4.26400					-.0054							.0032			
4.97100									-.0114						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS55)

MACH (7) = 1.397 RN/L (1) = 4.489

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0006		
-2.13200			.0035	
-1.42500		-.0008		-.0123
-.71800			-.0150	
-.01100		.0119		
2.85000	.0100			

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS56) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	1.407	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .599 RN/L (1) = 5.921 P = 2872.9 PT = 3662.2 TTF = 85.456 Q = 722.09

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0054				
-4.26400								.0276						-.0120	
-3.55700						-.0062					-.0089				
-2.85000				-.0128				.0188						.0134	
-2.14300						.0043					.0066				
-1.43500								.0210						.0942	
-.72800											.0365				
-.69700					.0015										
.01100			-.0347				-.0580								
.71800		-.0335			-.0584					-.1388					
1.42500	-.0252		-.0378				-.0765						-.2053		
2.13200		-.0456			-.0417					-.0701					
2.83900			-.0397				-.0656								
2.86000															-.0895
3.54600					-.0530										
3.56700												-.0555			
4.27400									-.0576						-.0387
4.98200												-.0397			
5.68900															-.0524

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0209	
-4.98200											.0068				
-4.27400								.0019						-.0110	
-3.56700											.0213				
-3.55700		.0111													
-2.86000														.0111	
-2.85000					.0237										
-2.14300		.0577													
-2.12100										-.0799					
-1.41400							-.0155						-.1560		
-.70700				.0689						-.1049					
.00000	.1405						-.1106						-.1416		
.70700				-.0812						-.1299					
1.41400							-.0487						.0689		
2.12100										.2558					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS58)

MACH (1) = .599 RN/L (1) = 5.921

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			-.1507												
2.85000															-.0545
2.86000						-.0711									
3.56700			-.0529						-.0588						
4.27400						-.0262						-.0654			
4.98200			-.0330						-.0291						
5.68900						-.0459									
6.39600			-.0405												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.1017													
-5.68900					-.0241										
-4.98200		.0002						-.0032							
-4.27400					-.0055						-.0235				
-3.56700		-.0276						-.0258							
-3.54600															-.0040
-2.85000					-.0280										
-2.83900													-.0093		
-2.15300		-.0329													
-2.13200										-.0060					.0048
-1.42500							-.0444						-.0021		
-.71800										-.0238					-.0119
-.70700	-.1238														
-.01100													-.0242		
.00000				-.0330											
.69700															-.0742
.70700	-.0178														
.72800									-.0225						
1.43500						-.0404						-.0357			
2.14300			-.0433						-.0301					-.0281	
2.85000						-.0297						-.0316			
3.55700			-.0453						-.0160					-.0355	
4.26400						-.0584						-.0506			
4.97100									-.0931						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0120		
-2.13200			-.0024	
-1.42500		-.0113		-.0226
-.71800			-.0166	
-.01100		-.0430		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS56)

MACH (1) = .599 RN/L (1) = 5.921

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	-.0324			

MACH (2) = .901 RN/L (1) = 5.874 P = 1756.2 PT = 2973.4 TTF = 97.416 Q = 997.86

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											-.0060				
-3.55700								.0406						.0035	
-2.85000				-.0072		.0007					.0052				
-2.14300								.0247						.0250	
-1.43500						.0127					.0092				
-.72800								.0315						.1002	
-.69700					.0261						.0476				
.01100			-.0080				-.0248								
.71800		-.0154			-.0270					-.1048					
1.42500	-.0144		-.0242				-.0445						-.1336		
2.13200		-.0272			-.0261					-.0496					
2.83900			-.0118				-.0344								
2.86000															-.0493
3.54600					-.0135										
3.56700												-.0330			
4.27400									-.0295						-.0077
4.98200												-.0026			
5.68900															-.0077

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														-.0129	
-4.27400											.0039				
-3.56700								.0064						-.0041	
-3.55700		.0049									.0329				
-2.88000															
-2.85000					.0279									.0296	
-2.14300		.0556													
-2.12100															
-1.41400										-.0266					
-.70700				.0817			.0178						-.0903		
.00000	.1038									-.0501					
.70700				-.0492			-.0596						-.0758		
										-.0649					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS56)

MACH (2) = .901 RN/L (1) = 5.874

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							-.0024								
2.12100													.0727		
2.15300			-.0951							.2255					
2.85000															
2.86000						-.0492									-.0614
3.56700			-.0151						-.0445						
4.27400						-.0011						-.0263			
4.98200			-.0019						-.0036						
5.68900						-.0107									
6.39600			.0098												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.1120													
-5.68900					-.0102										
-4.98200		.0177						-.0097							
-4.27400					.0128						-.0149				
-3.55700		-.0225						-.0347							
-3.54600															.0005
-2.86000					-.0167										
-2.83900													.0129		
-2.15300		.0028													
-2.13200										.0111					.0272
-1.42500							-.0224						.0058		
-.71800										-.0051					-.0030
-.70700	-.0512														
-.01100													-.0073		
.00000				-.0144											
.69700															-.0542
.70700	.0027														
.72800									-.0033						
1.43500						-.0281						-.0127			
2.14300			-.0511						.0053					-.0037	
2.85000						-.0179						-.0109			
3.55700			-.0212						.0185					-.0256	
4.26400						-.0185						-.0442			
4.97100									-.0432						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0059		
-2.13200			-.0031	
-1.42500		.0034		-.0104

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS56)

MACH (2) = .901 RN/L (1) = 5.874

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			-.0168	
-.01100		-.0284		
2.85000	-.0061			

MACH (3) = 1.102 RN/L (1) = 5.944 P = 1290.8 PT = 2762.6 TTF = 84.207 Q = 1097.1

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400															
-3.55700										.0222			.0024		
-2.85000							-.0047							-.0005	
-2.14300				.0420						.0809			-.0102		
-1.43500							.0542							.0748	
-.72800										.0512			.0463		
-.69700														.0975	
.01100					.0643								.0617		
.71800			.0192												
1.42500		.0032			-.0046					.0238					
2.13200	-.0084		-.0190												
2.83300		-.0442			-.0486					-.0363			-.0465		
2.85000			-.0376											-.0800	
3.54600					-.0295					-.0445			-.0395		
3.56700															
4.27400															-.0602
4.59200															
5.68900															

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														-.0015	
-4.27400											.0260				
-3.56700								.0070						-.0178	
-3.55700		-.0035									.0246				
-2.86000															
-2.85000														.0769	
-2.14300					.0731										
-2.12100		.0791													
-1.41400										.0240					
-.70700							.0524								
				.1044						-.0091			-.0315		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3T866)

MACH (3) = 1.102 RN/L (1) = 5.944

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.0743						-.0148						-.0165		
.70700				-.0006						-.0057					
1.41400							.0422						.0830		
2.12100										.1967					
2.15300			-.0629												
2.85000															-.0724
2.86000						-.0831									
3.56700			-.0646						-.1262						
4.27400						-.0524						-.0703			
4.98200			-.0292						-.0304						
5.68900						-.0088									
6.39600			-.0001												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0659													
-5.68900					.0015										
-4.98200		.0048						-.0077							
-4.27400					-.0040						-.0201				
-3.56700		-.0204						-.0195							
-3.54600															.0083
-2.86000					.0590										
-2.83900													.0508		
-2.15300		.0554													
-2.13200										.0762					.0739
-1.42500							.0327						.0557		
-.71800										.0081					.0243
-.70700	.0118														
-.01100													.0068		
.00000				.0163											
.69700															-.0322
.70700	.0280														
.72800									.0095						
1.43500						-.0221						-.0098			
2.14300			-.0203						.0015					-.0149	
2.85000						-.0239						-.0194			
3.55700			-.0880						-.0065					-.0213	
4.26400						-.0593						-.0321			
4.97100									-.0503						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0372		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS56)

MACH (3) = 1.102 RN/L (1) = 5.944

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			.0483	
-1.42500		.0443		.0318
-.71800			.0143	
-.01100		-.0064		
2.85000	-.0107			

MACH (4) = 1.249 RN/L (1) = 5.899 P = 1070.1 PT = 2769.7 TTF = 91.409 Q = 1169.2

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0078				
-4.26400								.0266						-.0038	
-3.55700							.0040				-.0051				
-2.65000					-.0018			.0143						-.0027	
-2.14300							.0120				-.0131				
-1.43500								.0191						.0752	
-.72800											.0343				
-.69700						.0241									
.01100				.0008				.0275							
.71800			.0236			.0225				-.0309					
1.42500		.0181		.0145				-.0232					-.0721		
2.13200			-.0168			-.0328				-.0358					
2.83900				-.0141				-.0155							
2.85000															-.0137
3.54600						-.0104									
3.56700												-.0094			
4.27400									-.0079						-.0161
4.98200												-.0091			
5.68900															-.0250

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0013	
-4.98200											.0088				
-4.27400								.0020						-.0137	
-3.56700											.0327				
-3.55700			.0034												
-2.86000														.0286	
-2.85000						.0210									
-2.14300			.0374												
-2.12100										.0130					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS56)

MACH (4) = 1.249 RN/L (1) = 5.899

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-1.41400							.0331						-.0447		
-.70700				.0633						-.0239					
.00000	.0503						-.0309						-.0267		
.70700				-.0141						-.0192					
1.41400							.0248						.0578		
2.12100										.1734					
2.15300			-.0306												
2.85000															-.0194
2.86000						-.0248									
3.56700			-.0041						-.0547						
4.27400						-.0162						-.0284			
4.98200			-.0156						-.0112						
5.68900						-.0207									
6.39600			.0022												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0372													
-5.68900					-.0001										
-4.98200		.0126						.0075							
-4.27400					.0077						-.0024				
-3.56700		-.0283						-.0205							
-3.54600															-.0007
-2.86000					-.0085										
-2.83900													.0030		
-2.15300		.0242													
-2.13200										.0245					.0244
-1.42500							.0195						.0261		
-.71800										.0037					.0100
-.70700	-.0009														
-.01100													.0003		
.00000				.0038											
.69700															-.0137
.70700	.0060														
.72800									.0193						
1.43500						-.0187						.0011			
2.14300			-.0066						.0150					.0134	
2.85000						.0184						.0121			
3.55700			-.0168						.0382					.0138	
4.26400						-.0128						.0033			
4.97100									-.0263						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS56)

MACH (4) = 1.249 RN/L (1) = 5.899

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0037		
-2.13200			-.0010	
-1.42500		.0014		-.0165
-.71800			-.0076	
-.01100		-.0041		
2.85000	.0097			

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS57) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = -.001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 4.510 P = 2122.5 PT = 2706.7 TTF = 73.047 Q = 534.37

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											-.0278				
-4.26400							.0118							-.0003	
-3.55700						-.0152					-.0168				
-2.85000				-.0338			-.0042							-.0053	
-2.14300						-.0150					-.0304				
-1.43500							-.0359							.0005	
-.72800											-.0307				
-.69700					.0067										
.01100			-.0112				-.0222								
.71800		-.0027			-.0064					-.0119					
1.42500	-.0004		.0028				.0064						-.0196		
2.13200		-.0101			-.0014					.0078					
2.83900			-.0104				.0078								
2.85000															-.0215
3.54600					.0022										
3.56700												-.0429			
4.27400									-.0378						-.0009
4.98200												.0083			
5.68900															-.0239

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.0447	
-4.98200											-.0196				
-4.27400								-.0236						-.0188	
-3.56700											.0135				
-3.55700		-.0197													
-2.85000														-.0291	
-2.85000					-.0267										
-2.14300		-.0074													
-2.12100										.0306					
-1.41400							.0301						.0313		
-.70700				.0285						.0290					
.00000	.0194						.0270						.0268		
.70700				.0280						.0265					
1.41400							.0296						.0255		
2.12100										.0280					

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS57)

MACH (1) = .600 RN/L (1) = 4.510

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			-.0089												
2.85000															-.0203
2.86000						.0056									
3.56700			.0033						-.0049						
4.27400						.0064						-.0160			
4.98200			.0006						-.0141						
5.68900						-.0081									
6.39600			.0014												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0580													
-5.68900					-.0257										
-4.98200		-.0032						-.0151							
-4.27400					.0058						-.0119				
-3.56700		-.0241						-.0431							
-3.54600															-.0151
-2.86000					-.0545										
-2.83900													.0000		
-2.15300		.0066													
-2.13200										.0021					.0116
-1.42500							-.0175						-.0032		
-.71800										-.0053					-.0069
-.70700	.0255														
-.01100													-.0291		
.00000				.0260											
.69700															-.0979
.70700	.0250														
.72800									-.0203						
1.43500						-.0571						-.0506			
2.14300			-.0545						-.0013					.0034	
2.85000						-.0158						-.0111			
3.55700			.0129						.0202					-.0587	
4.26400						-.0342						-.0687			
4.97100									-.0156						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0027		
-2.13200			-.0016	
-1.42500		-.0003		-.0225
-.71800			-.0617	
-.01100		-.0516		

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS57)

MACH (1) = .600 RN/L (1) = 4.510

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	-.0269			

MACH (2) = .798 RN/L (1) = 4.559 P = 1551.0 PT = 2360.2 TTF = 84.069 Q = 691.75

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0238				
-4.26400								.0182						-.0053	
-3.55700						-.0221					-.0244				
-2.85000				-.0292				-.0079						-.0132	
-2.14300						-.0191					-.0244				
-1.43500								-.0290						.0006	
-.72800											-.0211				
-.69700					.0057										
.01100			-.0065				-.0238								
.71800		-.0081			-.0152					-.0100					
1.42500	-.0018		-.0055				-.0028						-.0166		
2.13200		-.0201			.0047					.0059					
2.83900			-.0014				.0107								
2.86000															-.0190
3.54600					.0112										
3.55700												-.0459			
4.27400									-.0394						-.0137
4.98200												-.0025			
5.68900															-.0261

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0415	
-4.98200											-.0358				
-4.27400								-.0143						-.0219	
-3.56700											.0117				
-3.55700		-.0187													
-2.86000														-.0294	
-2.85000					-.0231										
-2.14300		-.0106													
-2.12100										.0292					
-1.41400							.0278						.0219		
-.70700				.0223						.0243					
.00000	.0223						.0185						.0260		
.70700				.0193						.0215					

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS57)

MACH (2) = .798 PN/L (1) = 4.559

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							.0174								
2.12100													.0231		
2.15300			-.0116							.0288					
2.85000															
2.88000															-.0166
3.56700			-.0098			.0040									
4.27400						-.0031			-.0070						
4.98200			.0016									-.0129			
5.68900						-.0088			-.0153						
6.39600			.0079												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.88000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0599													
-5.68900					-.0362										
-4.98200		-.0110						-.0159							
-4.27400					-.0063						-.0108				
-3.56700		-.0213						-.0589							
-3.54600															
-2.88000					-.0561										-.0184
-2.83300															
-2.15300		.0150											.0025		
-2.13200										-.0086					
-1.42500							-.0092						-.0080		.0020
-.71800										-.0057					
-.70700	.0235														.0002
-.01100															
.00000				.0231									-.0380		
.69700															
.70700	.0225														-.0855
.72800															
1.43500									-.0142						
2.14300			-.0628			-.0579						-.0496			
2.85000									-.0176					-.0008	
3.56700			.0068			-.0178						-.0178			
4.28400									.0163					-.0463	
4.97100						-.0402						-.0640			
									-.0150						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0151		
-2.13200			-.0072	
-1.42500		-.0121		-.0268

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3T657)

MACH (2) = .798 RN/L (1) = 4.559

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			-.0667	
-.01100		-.0417		
2.85000	-.0146			

MACH (3) = .901 RN/L (1) = 4.447 P = 1292.9 PT = 2188.3 TTF = 85.352 Q = 734.14

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0102				
-4.26400								.0656						.0490	
-3.55700						.0587					.0473				
-2.85000				.0129				.0614						.0674	
-2.14300						.0641					.0625				
-1.43500								.0739						.0770	
-.72800											.0913				
-.69700					.1098										
.01100			.1094				.0739								
.71800		.1304			.1157					.1044					
1.42500	.1358		.1306				.1408						.1105		
2.13200		.1337			.1402					.1418					
2.83900			.1429				.1537								
2.86000															.1417
3.54600					.1707										
3.58700												.1381			
4.27400									.1483						.1699
4.98200												.2015			
5.68900															.1801

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0083	
-4.98200											.0165				
-4.27400								.0461						.0688	
-3.56700											.0803				
-3.55700		.0687													
-2.88000														.0900	
-2.85000					.0703										
-2.14300		.0776													
-2.12100										.1293					
-1.41400							.1248						.1338		
-.70700				.1332						.1386					

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS57)

MACH (3) = .901 RN/L (1) = 4.447

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.1532						.1571						.1508		
.70700				.1692						.1647					
1.41400							.1770						.1558		
2.12100										.1884					
2.15300			.1367												
2.85000															.1540
2.86000						.1547									
3.56700			.1630						.1616						
4.27400						.1873						.1572			
4.98200			.1811						.1736						
5.68900						.1925									
6.39600			.2156												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0128													
-5.68900					.0495										
-4.98200		.0582						.0629							
-4.27400					.0627						.0805				
-3.56700		.0483						.0432							
-3.54600															.0385
-2.86000					.0719										
-2.83900													.0517		
-2.15300		.0949													
-2.13200										.0713					.0898
-1.42500							.0696						.0888		
-.71800										.1086					.0806
-.70700	.1383														
-.01100													.1069		
.00000				.1394											
.69700															.0598
.70700	.1495														
.72800									.0942						
1.43500						.1082						.1221			
2.14300			.1481						.1490					.1502	
2.85000						.1317						.1702			
3.55700			.1798						.1746					.1427	
4.26400						.1756						.1725			
4.97100									.1844						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0641		

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS57)

MACH (3) = .901 RN/L (1) = 4.447

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	4.97100	4.98200	5.68900	6.39600
-2.13200			.0672	
-1.42500		.0711		.0589
-.71800			.0797	
-.01100		.0836		
2.85000	.1352			

MACH (4) = 1.054 RN/L (1) = 4.481 P = 1034.7 PT = 2088.6 TTF = 82.230 Q = 804.72

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											-.0436				
-4.26400								.0162						-.0011	
-3.55700						-.0232					-.0162				
-2.85000				-.0679				-.0047						-.0037	
-2.14300						-.0144					-.0285				
-1.43500								-.0144						-.0056	
-.72800											-.0032				
-.69700					.0042										
.01100			.0128				-.0076								
.71800		.0419			.0219					.0068					
1.42500	.0612		.0618				.0698						.0281		
2.13200		.0546			.0654					.0830					
2.83900			.0872				.1333								
2.86000															.0830
3.54600					.1244										
3.56700												.1083			
4.27400									.1345						.1401
4.98200												.1675			
5.68900															.1603

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.0379	
-4.98200											-.0464				
-4.27400								-.0239						.0088	
-3.56700											.0104				
-3.55700		-.0134													
-2.86000														.0157	
-2.85000					.0060										
-2.14300		.0090													
-2.12100										.0551					

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS57)

MACH (4) = 1.054 RN/L (1) = 4.481

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-1.41400															
-.70700				.0610			.0520						.0619		
.00000	.0626									.0704					
.70700				.0861			.0861						.0804		
1.41400										.1068					
2.12100							.1192						.0934		
2.15300			.0602							.1309					
2.85000															
2.86000						.1245									.1068
3.56700			.1264						.1255						
4.27400						.1542						.1322			
4.98200			.1596						.1514						
5.68900						.1702									
6.39600			.2041												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0510													
-5.68900					.0053										
-4.98200		.0010						-.0148							
-4.27400					.0013						.0058				
-3.56700		-.0278						-.0262							
-3.54600															
-2.86000					.0029										-.0398
-2.83900															
-2.15300		.0207											-.0264		
-2.13200															
-1.42500										-.0080					.0129
-.71800							-.0156						.0007		
-.70700	.0698									.0235					-.0071
-.01100															
.00000				.0734									.0210		
.69700															
.70700	.0771														-.0303
.72800															
1.43500									-.0046						
2.14300						.0415						.0580			
2.85000			.0755						.0858					.0823	
3.55700						.0853						.1105			
4.26400			.1343						.1366					.1065	
4.97100						.1394						.1389			
									.1573						

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS57)

MACH (4) = 1.054 RN/L (1) = 4.481

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0055		
-2.13200			-.0158	
-1.42500		-.0096		-.0159
-.71800			-.0066	
-.01100		-.0098		
2.85000	.0765			

MACH (5) = 1.103 RN/L (1) = 4.499 P = 951.99 PT = 2039.8 TTF = 74.057 Q = 810.43

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.839	0	-2.15300	-2.14300	-2.13200
X																
-4.97100											-.0119					
-4.26400								.0354							.0161	
-3.55700						-.0163					.0012					
-2.85000				-.0196				.0096							.0116	
-2.14300						-.0058					-.0133					
-1.43500								-.0065							.0065	
-.72800											-.0084					
-.69700					.0038											
.01100			.0003				-.0186									
.71200		.0054			.0024					-.0158						
1.42500	.0328		.0159				.0166							-.0086		
2.13200		.0250			.0374					.0171						
2.83900			.0776				.0568									
2.86000																.0497
3.54600					.0934											
3.56700												.0855				
4.27400									.1016							.1152
4.98200												.1602				
5.68900																.1815

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0494	
-4.98200											-.0553				
-4.27400								-.0004						-.0100	
-3.56700											.0308				
-3.55700		-.0119													
-2.86000														-.0063	
-2.85000					-.0137										
-2.14300		.0067													

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS57)

MACH (5) = 1.103 RN/L (1) = 4.499

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0623					
-1.41400							.0532						.0625		
-.70700				.0507						.0601					
.00000	.0522						.0658						.0658		
.70700				.0608						.0817					
1.41400							.0925						.0704		
2.12100										.0879					
2.15300			.0182												
2.85000															.0522
2.86000						.0689									
3.55700			.1081						.0927						
4.27400						.1425						.1119			
4.98200			.1591						.1441						
5.68900						.1913									
6.39600			.2116												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0558													
-5.68900					-.0317										
-4.98200		.0024						-.0370							
-4.27400					.0150						.0219				
-3.56700		-.0054						-.0601							
-3.54600															-.0057
-2.85000					-.0411										
-2.83900													.0119		
-2.15300		.0369													
-2.13200										.0068					.0218
-1.42500							.0026						.0084		
-.71800										.0014					-.0032
-.70700	.0614														
-.01100													-.0274		
.00000				.0611											
.69700															-.0854
.70700	.0626														
.72800									-.0254						
1.43500						-.0262						-.0269			
2.14300			-.0034						.0347					.0427	
2.85000						.0324						.0625			
3.55700			.1066						.1059					.0520	
4.26400						.1045						.0923			
4.97100									.1515						

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS57)

MACH (5) = 1.103 RN/L (1) = 4.499

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0033		
-2.13200			-.0076	
-1.42500		.0049		-.0159
-.71800			-.0464	
-.01100		-.0344		
2.85000	.0352			

MACH (6) = 1.252 RN/L (1) = 4.511 P = 783.66 PT = 2035.5 TTF = 75.102 Q = 859.92

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0306				
-4.26400								.0255						.0063	
-3.55700						-.0190					-.0026				
-2.85000				-.0323				.0000						-.0083	
-2.14300						-.0146					-.0248				
-1.43500								-.0154						-.0002	
-.72800											-.0134				
-.69700					-.0027										
.01100			-.0037				-.0231								
.71800		-.0002			.0038					-.0188					
1.42500	.0036		.0067				.0048						-.0050		
2.13200		-.0035			.0072					.0099					
2.83900			.0079				.0147								
2.85000															-.0164
3.54600					.0151										
3.56700												-.0385			
4.27400									-.0047						.0062
4.98200												.0382			
5.68900															.0629

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0463	
-4.98200											-.0572				
-4.27400								-.0173						-.0164	
-3.56700											.0119				
-3.55700		-.0273													
-2.86000														-.0276	
-2.85000					-.0227										
-2.14300		-.0041													

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS57)

MACH (6) = 1.252 RN/L (1) = 4.511

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100															
-1.41400										.0358					
-.70700				.0331			.0363						.0359		
.00000	.0334									.0383					
.70700				.0469			.0459						.0405		
1.41400										.0445					
2.12100							.0493						.0410		
2.15300			-.0149							.0506					
2.85000															-.0084
2.85000						.0109									
3.56700			.0175						-.0032						
4.27400						.0273						.0401			
4.98200			.0372						.0383						
5.68900						.0660									
6.39600			.1505												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0600													
-5.68900					-.0315										
-4.98200		.0050						-.0322							
-4.27400					.0035						.0206				
-3.56700		-.0251						-.0605							
-3.54600															-.0231
-2.86000					-.0620										
-2.83900													-.0061		
-2.15300		.0211													
-2.13200										-.0121					.0153
-1.42500							-.0138						.0017		
-.71800										-.0069					-.0121
-.70700	.0367														
-.01100													-.0272		
.00000				.0394											
.69700															-.0776
.70700	.0423														
.72800									-.0280						
1.43500						-.0445						-.0496			
2.14300			-.0591						.0001					.0036	
2.85000						-.0017						-.0050			
3.55700			.0256						.0294					-.0288	
4.26400						.0024						-.0502			
4.97100									.0455						

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS57)

MACH (6) = 1.252 RN/L (1) = 4.511

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0104		
-2.13200			-.0189	
-1.42500		-.0096		-.0271
-.71800			-.0663	
-.01100		-.0402		
2.85000	.0014			

MACH (7) = 1.396 RN/L (1) = 4.513 P = 658.47 PT = 2083.6 TTF = 78.930 Q = 898.19

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0349				
-4.26400								.0185						-.0067	
-3.55700							-.0214				-.0170				
-2.85000					-.0397			-.0159						-.0240	
-2.14300							-.0271				-.0446				
-1.43500								-.0243						-.0162	
-.72800											-.0251				
-.69700						-.0104									
.01100			-.0090				-.0307								
.71800		-.0106				-.0089				-.0262					
1.42500	-.0054		-.0002				.0065						-.0169		
2.13200		-.0152				-.0037				-.0041					
2.83900			.0009				-.0085								
2.86000															-.0172
3.54600						.0028									
3.56700												-.0437			
4.27400									-.0172						-.0196
4.98200												.0034			
5.68900															.0038

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0475	
-4.98200											-.0662				
-4.27400								-.0328						-.0358	
-3.56700											-.0005				
-3.55700		-.0428													
-2.86000														-.0379	
-2.85000					-.0462										
-2.14300		-.0183													

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS57)

MACH (7) = 1.396 RN/L (1) = 4.513

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100															
-1.41400										.0226					
-.70700				.0203			.0267						.0207		
.00000	.0207									.0226					
.70700				.0264			.0241						.0233		
1.41400										.0265					
2.12100							.0262						.0241		
2.15300			-.0169							.0268					
2.85000															-.0193
2.86000						.0045									
3.56700			-.0064						-.0166						
4.27400						-.0091						-.0128			
4.98200			-.0083						-.0180						
5.68900						-.0175									
6.39600			.0079												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0606													
-5.68900					-.0355										
-4.98200		-.0091						-.0430							
-4.27400					-.0106						.0069				
-3.56700		-.0403						-.0729							
-3.54600															-.0300
-2.85000					-.0816										
-2.83900													-.0125		
-2.15300		.0076													
-2.13200										-.0188					.0017
-1.42500							-.0193						-.0032		
-.71800										-.0150					-.0234
-.70700	.0226														
-.01100													-.0476		
.00000				.0247											
.69700															-.0956
.70700	.0235														
.72800									-.0313						
1.43500						-.0532						-.0451			
2.14300			-.0596						-.0130					-.0041	
2.85000						-.0221						-.0242			
3.55700			.0093						.0116					-.0600	
4.26400						-.0404						-.0754			
4.97100									-.0026						

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS57)

MACH (7) = 1.396 RN/L (1) = 4.513

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0263		
-2.13200			-.0242	
-1.42500		-.0101		-.0363
-.71800			-.0738	
-.01100		-.0496		
2.85000	-.0250			

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS58) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = -.000 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .898 RN/L (1) = 4.420 P = 1297.1 PT = 2188.3 TTF = 87.292 Q = 731.61

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											.0261				
-4.26400								.0734						.0711	
-3.55700						.0622					.0459				
-2.85000				.0116				.0696						.0674	
-2.14300						.0676					.0655				
-1.43500								.0717						.1004	
-.72800											.0960				
-.69700					.1129										
.01100			.1181				.0957								
.71800		.1353			.1158					.1067					
1.42500	.1305		.1334				.1374						.1208		
2.13200		.1353			.1456					.1502					
2.83900			.1409				.1661								
2.86000															.1395
3.54600					.1639										
3.56700												.1422			
4.27400									.1455						.1744
4.98200												.1937			
5.68900															.1868

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														.0168	
-4.98200											.0180				
-4.27400								.0498						.0801	
-3.56700											.0893				
-3.55700		.0583													
-2.86000														.0905	
-2.85000					.0851										
-2.14300		.0824													
-2.12100										.1189					
-1.41400							.1159						.1434		
-.70700				.1303						.1457					
.00000	.1477						.1621						.1503		
.70700				.1724						.1649					
1.41400							.1827						.1558		
2.12100										.1831					

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS58)

MACH (1) = .898 RN/L (1) = 4.420

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			.1424												
2.85000															.1403
2.86000						.1628									
3.56700			.1701					.1732							
4.27400						.1815						.1569			
4.98200			.1899					.1713							
5.68900						.1831									
6.39600			.2061												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0098													
-5.68900					.0651										
-4.98200		.0618						.0571							
-4.27400					.0659						.0854				
-3.56700		.0586						.0510							
-3.54600															.0403
-2.86000					.0891										
-2.83900													.0559		
-2.15300		.1018													
-2.13200										.0711					.0925
-1.42500							.0725						.0906		
-.71800										.1176					.0898
-.70700	.1385														
-.01100													.1131		
.00000				.1447											
.69700															.0625
.70700	.1481														
.72800								.0987							
1.43500						.1130						.1295			
2.14300			.1459					.1500						.1480	
2.85000						.1357						.1594			
3.55700			.1704					.1881						.1419	
4.26400						.1856						.1719			
4.97100								.1745							

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0742		
-2.13200			.0639	
-1.42500		.0779		.0738
-.71800			.0832	
-.01100		.0892		

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS58)

MACH (1) = .898 RN/L (1) = 4.420

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.1307			

MACH (2) = 1.049 RN/L (1) = 4.506 P = 1020.6 PT = 2047.5 TTF = 71.443 Q = 786.18

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0341				
-4.26400								.0139						.0013	
-3.55700						-.0213					-.0114				
-2.85000				-.0385				-.0023						-.0060	
-2.14300						-.0099					-.0217				
-1.43500								-.0042						-.0005	
-.72800											.0117				
-.69700					.0128										
.01100			.0467				.0290								
.71800		.0652			.0595					.0623					
1.42500	.0867		.0979				.0973						.0741		
2.13200		.0997			.1246					.1141					
2.83300			.1267				.1381								
2.86000															.1311
3.54600					.1554										
3.56700												.1230			
4.27400									.1479						.1657
4.98200												.1826			
5.68900															.1907

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0533	
-4.98200											-.0532				
-4.27400								-.0102						-.0158	
-3.56700											.0176				
-3.55700		-.0251													
-2.86000														-.0184	
-2.85000					-.0172										
-2.14300		-.0034													
-2.12100										.0557					
-1.41400							.0538						.0623		
-.70700				.0571						.0726					
.00000	.0776						.1011						.0790		
.70700				.1039						.1124					

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS58)

MACH (2) = 1.049 RN/L (1) = 4.506

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
1.41400															
2.12100							.1516								
2.15300													.1040		
2.85000			.0943							.1454					
2.86000															.1312
3.56700					.1520										
4.27400			.1592						.1542						
4.98200					.1870							.1713			
5.68900			.1985						.1769						
6.39600					.1983										
			.2261												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0607													
-5.68900					-.0372										
-4.98200		-.0039						-.0349							
-4.27400					.0059						.0145				
-3.56700		-.0197						-.0515							
-3.54600															
-2.86000					-.0603										-.0207
-2.83900															
-2.15300		.0266											.0007		
-2.13200															
-1.42500										.0018					.0153
-.71800							.0075						.0231		
-.70700	.0615									.0075					.0213
-.01100															
.00000				.0712									.0213		
.69700															
.70700	.0893														.0087
.72800															
1.43500									.0387						
2.14300			.0707			.0567						.0579			
2.85000									.1143					.1125	
3.55700			.1645			.1229						.1240			
4.26400									.1621					.1038	
4.97100						.1412						.1096			
									.1895						

Y / X	4.97100	4.88200	5.68900	6.39600
-2.83900		-.0042		
-2.13200			-.0031	
-1.42500		.0015		-.0087

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS58)

MACH (2) = 1.049 RN/L (1) = 4.506

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			-.0200	
-.01100		.0018		
2.85000	.1233			

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS59) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .898 RN/L (1) = 4.400 P = 1296.4 PT = 2188.3 TTF = 89.369 Q = 732.03

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0283				
-4.26400									.0815					.0656	
-3.55700						.0687					.0740				
-2.85000				.0234					.0747					.0645	
-2.14300						.0716					.0747				
-1.43500									.0794					.0864	
-.72800											.0970				
-.69700					.1120										
.01100			.1279				.0950								
.71800		.1360			.1240					.1031					
1.42500	.1294		.1379				.1360						.1279		
2.13200		.1379			.1484					.1457					
2.83900			.1337				.1584								
2.86000															.1517
3.54600					.1727										
3.56700												.1410			
4.27400								.1447							.1809
4.98200												.2027			
5.68900															.1669

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0192	
-4.98200											.0330				
-4.27400								.0625						.0869	
-3.56700											.0823				
-3.55700		.0672													
-2.80000														.1000	
-2.85000					.0891										
-2.14300		.0883													
-2.12100										.1291					
-1.41400							.1164						.1316		
-.70700				.1372							.1439				
.00000	.1495						.1637						.1521		
.70700				.1712						.1673					
1.41400							.1839						.1581		
2.12100										.1839					

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS59)

MACH (1) = .898 RN/L (1) = 4.400

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			.1323												
2.85000															.1579
2.86000						.1619									
3.56700			.1621						.1611						
4.27400						.1820						.1607			
4.98200			.1834						.1774						
5.68900						.1863									
6.39600			.2087												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		.0063													
-5.68900					.0619										
-4.98200		.0770						.0573							
-4.27400					.0633						.0844				
-3.56700		.0584						.0571							
-3.54600															.0569
-2.85000					.0789										
-2.83900													.0552		
-2.15300		.1039													
-2.13200										.0888					.1005
-1.42500							.1005						.1013		
-.71800										.1029					.0832
-.70700	.1407														
-.01100													.1229		
.00000				.1419											
.69700															.0717
.70700	.1521														
.72800									.1055						
1.43500						.1267						.1317			
2.14300			.1508						.1483					.1518	
2.95000						.1481						.1745			
3.55700			.1888						.1801					.1412	
4.26400						.1695						.1651			
4.97100									.1759						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0709		
-2.13200			.0692	
-1.42500		.0789		.0670
-.71800			.0842	
-.01100		.0816		

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS59)

MACH (1) = .898 RN/L (1) = 4.400

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.1373			

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3T560) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = -.002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .900 RN/L (1) = 4.500 P = 1268.8 PT = 2145.1 TTF = 72.001 Q = 718.81

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0347				
-4.26400								.0642						.0581	
-3.55700						.0443					.0426				
-2.85000				.0607				.0708						.0607	
-2.14300						.0597					.0629				
-1.43500								.0794						.0810	
-.72800											.0812				
-.69700					.1078										
.01100			.1015				.0958								
.71800		.1167			.1078					.1106					
1.42500	.1348		.1293				.1332						.1110		
2.13200		.1249			.1541					.1409					
2.83900			.1444				.1429								
2.86000															.1390
3.54600					.1734										
3.56700												.1323			
4.27400									.1503						.1777
4.98200												.1741			
5.68900															.1723

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0117	
-4.98200											-.0073				
-4.27400								.0681						.0547	
-3.56700											.0681				
-3.56700		.0445													
-2.86000														.0473	
-2.85000					.0548										
-2.14300		.0698													
-2.12100										.1086					
-1.41400							.1060						.1211		
-.70700				.1217						.1276					
.00000	.1438						.1479						.1352		
.70700				.1553						.1521					
1.41400							.1789						.1458		
2.12100										.1739					

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS60)

MACH (1) = .900 RN/L (1) = 4.500

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			.1333												
2.85000															.1431
2.85000						.1601									
3.56700			.1743						.1581						
4.27400						.1850						.1536			
4.98200			.1938						.1688						
5.68900						.1700									
6.39600			.2185												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0186													
-5.68900					.0057										
-4.98200		.0437						.0229							
-4.27400					.0589						.0965				
-3.56700		.0447						.0005							
-3.54600															.0407
-2.85000					.0129										
-2.83900													.0655		
-2.15300		.0905													
-2.13200										.0721					.0800
-1.42500							.0868						.0945		
-.71800										.0826					.0858
-.70700	.1238														
-.01100													.0882		
.00000				.1341											
.69700															.0510
.70700	.1367														
.72800									.1067						
1.43500						.0728						.0815			
2.14300			.0817						.1441					.1437	
2.85000						.1415						.1452			
3.55700			.1665						.1779					.1065	
4.26400						.1264						.1037			
4.97100									.1767						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0550		
-2.13200			.0669	
-1.42500		.0709		.0868
-.71800			.0391	
-.01100		.0765		

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3T860)

MACH (1) = .900 RN/L (1) = 4.500

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.1254			

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS61) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.376 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .597 RN/L (1) = 4.479 P = 2128.2 PT = 2708.8 TTF = 75.067 Q = 531.51

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0480				
-4.26400								.0185						-.0076	
-3.55700						-.0348					-.0313				
-2.85000				-.0488				-.0195						-.0208	
-2.14300						-.0374					-.0577				
-1.43500								-.0408						-.0216	
-.72800											-.0411				
-.69700					-.0114										
.01100			-.0201				-.0437								
.71800		-.0265			-.0344					-.0503					
1.42500	-.0307		-.0296				-.0177						-.0637		
2.13200		-.0553			-.0320					-.0355					
2.83900			-.0349				-.0386								
2.86000															-.0580
3.54600					-.0180										
3.56700												-.1015			
4.27400									-.0917						-.0575
4.98200												-.0593			
5.68900															-.0917

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0585	
-4.98200											-.0446				
-4.27400								-.0260						-.0390	
-3.56700											.0012				
-3.55700		-.0482													
-2.86000														-.0398	
-2.85000					-.0530										
-2.14300		-.0353													
-2.12100										.0178					
-1.41400							.0204						.0188		
-.70700				.0157						.0137					
.00000	.0093						.0055						.0031		
.70700				.0026						.0011					
1.41400							-.0017						-.0002		
2.12100										-.0064					

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS61)

MACH (1) = .597 RN/L (1) = 4.479

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			-.0476												
2.85000															-.0582
2.86000						-.0219									
3.56700			-.0463						-.0561						
4.27400						-.0322						-.0763			
4.98200			-.0527						-.0821						
5.68900						-.0882									
6.39600			-.0556												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0841													
-5.68900					-.0366										
-4.98200		-.0105						-.0478							
-4.27400					-.0100						-.0310				
-3.56700		-.0497						-.0913							
-3.54600															-.0399
-2.86000					-.0971										
-2.83900													-.0096		
-2.15300		.0015													
-2.13200										-.0183					.0019
-1.42500							-.0285						-.0237		
-.71800										-.0333					-.0341
-.70700	.0078														
-.01100													-.0567		
.00000				.0039											
.69700															-.1457
.70700	.0011														
.72800									-.0365						
1.43500						-.0991						-.0813			
2.14300			-.1145						-.0460					-.0381	
2.85000						-.0715						-.0468			
3.55700			-.0354						-.0121					-.1256	
4.26400						-.1001						-.1537			
4.97100									-.0773						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0210		
-2.13200			-.0231	
-1.42500		-.0271		-.0455
-.71800			-.1012	
-.01100		-.0761		

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS61)

MACH (1) = .597 RN/L (1) = 4.479

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	-.0768			

MACH (2) = .800 RN/L (1) = 4.508 P = 1490.2 PT = 2271.0 TTF = 73.151 Q = 667.16

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0301				
-4.26400								.0411						.0111	
-3.55700							-.0229				-.0087				
-2.85000				-.0299				.0071						.0124	
-2.14300							.0016				-.0142				
-1.43500								.0016						.0248	
-.72800											-.0027				
-.69700					.0297										
.01100			.0291				.0066								
.71800		.0197			.0229					.0170					
1.42500	.0248		.0356				.0492						.0191		
2.13200		.0176			.0486					.0554					
2.83900			.0509				.0588								
2.86000															.0324
3.54600					.0649										
3.56700												.0051			
4.27400									.0217						.0455
4.98200												.0647			
5.68900															.0449

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0468	
-4.98200											-.0621				
-4.27400								-.0049						-.0143	
-3.56700											.0322				
-3.55700		-.0167													
-2.86000														-.0145	
-2.85000					-.0174										
-2.14300		.0122													
-2.12100										.0613					
-1.41400							.0652						.0685		
-.70700				.0634						.0722					
.00000	.0660						.0795						.0748		
.70700				.0886						.0789					

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS61)

MACH (2) = .800 RN/L (1) = 4.508

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							.0869						.0763		
2.12100										.0890					
2.15300			.0298												
2.85000															.0248
2.86000						.0634									
3.56700			.0489						.0468						
4.27400						.0657						.0421			
4.98200			.0721						.0500						
5.68900						.0538									
6.39600			.0742												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0722													
-5.68900					-.0371										
-4.98200		.0037						-.0354							
-4.27400					.0203						.0304				
-3.56700		-.0165						-.0656							
-3.54600															-.0200
-2.86000					-.0561										
-2.83900													.0201		
-2.15300		.0416													
-2.13200										.0089					.0331
-1.42500							.0100						.0134		
-.71800										.0160					.0081
-.70700	.0697														
-.01100													-.0117		
.00000				.0767											
.69700															-.0785
.70700	.0746														
.72800									-.0002						
1.43500						-.0240						-.0231			
2.14300			-.0356						.0259					.0439	
2.85000						.0274						.0274			
3.56700			.0719						.0821					-.0218	
4.26400						.0057						-.0426			
4.97100									.0454						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0023		
-2.13200			.0040	
-1.42500		.0081		-.0097

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3T561)

MACH (2) = .800 RN/L (1) = 4.508

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			-.0564	
-.01100		-.0217		
2.85000	.0163			

MACH (3) = .900 RN/L (1) = 4.562 P = 1293.6 PT = 2187.6 TTF = 74.475 Q = 733.23

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68800	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0376				
-4.26400									.0213					-.0056	
-3.55700						-.0324					-.0140				
-2.85000				-.0529					-.0053					-.0118	
-2.14300						-.0180					-.0246				
-1.43500									-.0221					-.0027	
-.72800											-.0202				
-.69700					.0071										
.01100			.0015				-.0258								
.71800		.0011			.0013					-.0111					
1.42500	-.0007		.0055				.0173						-.0157		
2.13200		-.0074			.0248					.0196					
2.83900			.0094				.0210								
2.86000															-.0035
3.54600					.0297										
3.56700												-.0282			
4.27400								-.0155							.0114
4.98200												.0431			
5.68900															.0158

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0781	
-4.98200											-.0753				
-4.27400								-.0281						-.0248	
-3.56700											.0158				
-3.55700		-.0366													
-2.86000														-.0375	
-2.85000					-.0357										
-2.14300		-.0140													
-2.12100										.0514					
-1.41400							.0346						.0434		
-.70700				.0406						.0458					

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS61)

MACH (3) = .900 RN/L (1) = 4.562

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.0368						.0461						.0471		
.70700				.0473						.0448					
1.41400							.0514						.0458		
2.12100										.0562					
2.15300			.0015												
2.85000															-.0036
2.86000						.0272									
3.56700			.0193						.0170						
4.27400						.0307						.0085			
4.98200			.0396						.0135						
5.68900						.0104									
6.39600			.0423												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0763													
-5.68900					-.0505										
-4.98200		-.0013						-.0514							
-4.27400					.0036						.0187				
-3.56700		-.0250						-.0877							
-3.54600															-.0296
-2.85000					-.0812										
-2.83900													-.0093		
-2.15300		.0226													
-2.13200										-.0068					.0184
-1.42500							-.0175						.0002		
-.71800										-.0078					-.0095
-.70700	.0441														
-.01100													-.0343		
.00000				.0439											
.69700															-.1094
.70700	.0443														
.72800									-.0213						
1.43500						-.0692						-.0642			
2.14300			-.0617						-.0024					.0217	
2.85000						-.0028						-.0034			
3.55700			.0352						.0503					-.0545	
4.26400						-.0264						-.0800			
4.97100									.0032						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0138		

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS61)

MACH (3) = .900 RN/L (1) = 4.562

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	4.97100	4.98200	5.68900	6.39600
-2.13200			-.0185	
-1.42500		-.0056		-.0359
-.71800			-.0901	
-.01100		-.0475		
2.85000	-.0159			

MACH (4) = 1.051 RN/L (1) = 4.501 P = 1037.6 PT = 2087.9 TTF = 79.972 Q = 803.03

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											-.0687				
-4.26400								-.0049						-.0402	
-3.55700						-.0623					-.0547				
-2.85000				-.0742				-.0422						-.0537	
-2.14300						-.0415					-.0430				
-1.43500								-.0282						-.0153	
-.72800											-.0328				
-.69700					.0053										
.01100			.0118				-.0166								
.71800		.0090			.0086					-.0053					
1.42500	-.0026		.0081				.0174						-.0245		
2.13200		-.0264			.0074					.0157					
2.83900			-.0033				.0107								
2.86000															-.0131
3.54600					.0160										
3.56700												-.0512			
4.27400									-.0470						-.0214
4.98200												-.0008			
5.68900															-.0347

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.1037	
-4.98200											-.1071				
-4.27400								-.0560						-.0679	
-3.56700											-.0191				
-3.55700		-.0842													
-2.86000														-.0696	
-2.85000					-.0476										
-2.14300		-.0183													
-2.12100										.0233					

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS61)

MACH (4) = 1.051 RN/L (1) = 4.501

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-1.41400							.0219						.0228		
-.70700				.0209						.0274					
.00000	.0301						.0376						.0287		
.70700				.0451						.0345					
1.41400							.0413						.0311		
2.12100										.0381					
2.15300			.0019												
2.85000															-.0187
2.86000						.0200									
3.56700			.0024						-.0080						
4.27400						.0017						-.0234			
4.98200			-.0036						-.0184						
5.68900						-.0213									
6.39600			-.0006												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.1046													
-5.68900					-.0679										
-4.98200		-.0333						-.0855							
-4.27400					-.0336						-.0086				
-3.56700		-.0704						-.1066							
-3.54600															-.0643
-2.86000					-.1130										
-2.83900													-.0340		
-2.15300		-.0036													
-2.13200										-.0342					-.0102
-1.42500							-.0180						-.0186		
-.71800										-.0076					-.0086
-.70700	.0252														
-.01100													-.0269		
.00000				.0279											
.69700															-.1226
.70700	.0318														
.72800									-.0208						
1.43500						-.0638						-.0546			
2.14300			-.0722						-.0028					.0116	
2.85000						-.0215						-.0125			
3.55700			.0113						.0278					-.0740	
4.26400						-.0493						-.0956			
4.97100									-.0229						

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS61)

MACH (4) = 1.051 RN/L (1) = 4.501

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0461		
-2.13200			-.0431	
-1.42500		-.0303		-.0364
-.71800			-.0692	
-.01100		-.0483		
2.85000	-.0363			

MACH (5) = 1.101 RN/L (1) = 4.547 P = 983.11 PT = 2102.7 TTF = 82.126 Q = 834.76

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0339				
-4.26400								.0165						-.0135	
-3.55700						-.0298					-.0393				
-2.85000				-.0015				.0398						.0582	
-2.14300						.0138					.0151				
-1.43500								-.0065						.0175	
-.72800											-.0089				
-.69700					.0268										
.01100			.0095				-.0221								
.71800		-.0128			-.0251					-.0387					
1.42500	-.0243		-.0238				-.0212						-.0511		
2.13200		-.0465			-.0214					-.0182					
2.83900			-.0329				-.0255								
2.86000															-.0555
3.54600					-.0119										
3.56700												-.0887			
4.27400									-.0750						-.0667
4.98200												-.0212			
5.68900															-.0463

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0553	
-4.98200											-.0720				
-4.27400								-.0335						-.0447	
-3.56700											.0113				
-3.55700		-.0580													
-2.86000														.0238	
-2.85000					.0291										
-2.14300		.0359													

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS61)

MACH (5) = 1.101 RN/L (1) = 4.547

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0604					
-1.41400							.0588						.0601		
-.70700				.0545						.0542					
.00000	.0482						.0364						.0447		
.70700				.0268						.0284					
1.41400							.0248						.0300		
2.12100										.0230					
2.15300			-.0375												
2.85000															-.0647
2.86000					-.0290										
3.56700			-.0460						-.0682						
4.27400					-.0480							-.0604			
4.98200			-.0292						-.0341						
5.68900					-.0363										
6.39600			-.0120												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0713													
-5.68900					-.0266										
-4.98200		-.0052						-.0558							
-4.27400					-.0206						.0085				
-3.56700		-.0462						-.1033							
-3.54600															-.0403
-2.86000					-.0219										
-2.83900													.0339		
-2.15300		.0560													
-2.13200										.0427					.0572
-1.42500							.0144						.0274		
-.71800										-.0119					-.0090
-.70700	.0503														
-.01100													-.0509		
.00000				.0351											
.69700															-.1087
.70700	.0325														
.72800									-.0681						
1.43500					-.1155							-.0972			
2.14300			-.1004						-.0454					-.0285	
2.85000					-.0798							-.0517			
3.55700			-.0302						-.0112					-.0894	
4.26400					-.0810							-.1079			
4.97100									-.0420						

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS61)

MACH (5) = 1.101 RN/L (1) = 4.547

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	4.97100	4.98200	5.68900	6.39600
-2.83900		.0127		
-2.13200			.0315	
-1.42500		.0163		-.0235
-.71800			-.0817	
-.01100		-.0533		
2.85000	-.0456			

MACH (6) = 1.257 RN/L (1) = 4.550 P = 805.58 PT = 2105.5 TTF = 85.248 Q = 890.57

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											-.0344				
-4.26400									.0339					.0042	
-3.55700							-.0252				-.0110				
-2.85000				-.0499					-.0097					-.0156	
-2.14300							-.0237				-.0410				
-1.43500									-.0266					-.0078	
-.72800											-.0249				
-.69700					-.0047										
.01100			-.0156				-.0352								
.71800		-.0218			-.0200					-.0328					
1.42500	-.0184		-.0133				-.0143						-.0520		
2.13200		-.0376			-.0168					-.0199					
2.83900			-.0325				-.0216								
2.86000															-.0543
3.54600					.0013										
3.56700												-.0679			
4.27400								-.0671							-.0330
4.98200												-.0161			
5.68900															-.0508

X \ Y	-2.12100	-1.43500	-1.42600	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.0558	
-4.98200											-.0799				
-4.27400								-.0236						-.0306	
-3.56700											.0149				
-3.55700		-.0452													
-2.86000														-.0461	
-2.85000					-.0397										
-2.14300		-.0186													

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS61)

MACH (6) = 1.257 RN/L (1) = 4.550

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100															
-1.41400										.0361					
-.70700				.0266			.0339						.0302		
.00000	.0247									.0287					
.70700				.0212			.0241						.0235		
1.41400										.0233					
2.12100							.0190						.0210		
2.15300			-.0334							.0197					
2.85000															
2.86000															-.0485
3.56700			-.0095			-.0137									
4.27400									-.0251						
4.98200			-.0261			-.0161						-.0403			
5.68900									-.0428						
6.39600			-.0216			-.0414									

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0757													
-5.68900					-.0369										
-4.98200		.0060						-.0430							
-4.27400					.0084						.0221				
-3.56700		-.0335						-.1059							
-3.54600															-.0354
-2.86000					-.0925										
-2.83900													-.0155		
-2.15300		.0137													
-2.13200										-.0245					.0160
-1.42500							-.0158						.0015		
-.71800										-.0141					-.0277
-.70700	.0272														
-.01100													-.0529		
.00000				.0232											
.69700															-.1280
.70700	.0210														
.72800									-.0523						
1.43500						-.0889						-.0726			
2.14300			-.0965						-.0370					-.0141	
2.85000						-.0491						-.0307			
3.55700			-.0046						.0146					-.0893	
4.26400						-.0728						-.1027			
4.97100									-.0270						

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS61)

MACH (6) = 1.257 RN/L (1) = 4.550

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0186		
-2.13200			-.0214	
-1.42500		-.0171		-.0617
-.71800			-.1203	
-.01100		-.0687		
2.85000	-.0526			

MACH (7) = 1.408 RN/L (1) = 4.404 P = 651.40 PT = 2097.8 TTF = 90.787 Q = 904.48

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100												-.0392			
-4.26400									.0318					.0074	
-3.55700							-.0312					-.0241			
-2.85000					-.0559				-.0093					-.0154	
-2.14300							-.0332					-.0430			
-1.43500									-.0276					-.0156	
-.72800												-.0326			
-.69700						-.0088									
.01100				-.0196				-.0480							
.71800			-.0222			-.0188					-.0341				
1.42500		-.0209		-.0165				-.0110						-.0453	
2.13200			-.0262			-.0014					-.0083				
2.83900				-.0181				-.0144							
2.86000															-.0283
3.54600						.0035									
3.56700												-.0643			
4.27400										-.0693					-.0299
4.98200												-.0214			
5.68900															-.0569

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0624	
-4.98200											-.0669				
-4.27400								-.0188						-.0341	
-3.56700											.0031				
-3.55700			-.0340												
-2.86000														-.0453	
-2.85000						-.0424									
-2.14300			-.0260												

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS61)

MACH (7) = 1.408 RN/L (1) = 4.404

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100															
-1.41400							.0278			.0316					
-.70700				.0255									.0305		
.00000	.0230						.0227			.0290					
.70700				.0196									.0211		
1.41400							.0178			.0248					
2.12100													.0187		
2.15300			-.0214							.0169					
2.85000															-.0443
2.86000						.0036									
3.56700			-.0057						-.0242						
4.27400						-.0140						-.0413			
4.98200			-.0242						-.0318						
5.68900						-.0418									
6.39600			-.0194												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0843													
-5.68900					-.0325										
-4.98200		-.0040						-.0405							
-4.27400					-.0014						.0348				
-3.56700		-.0396						-.1042							
-3.54600															-.0326
-2.86000					-.0958										
-2.83900													-.0239		
-2.15300		.0064													
-2.13200										-.0335					-.0024
-1.42500							-.0206						-.0054		
-.71800										-.0202					-.0342
-.70700	.0260														
-.01100													-.0698		
.00000				.0103											
.69700															-.1208
.70700	.0183														
.72800									-.0581						
1.43500						-.0891						-.0728			
2.14300			-.0865						-.0327					-.0122	
2.85000						-.0329						-.0380			
3.55700			-.0061						.0137					-.0948	
4.26400						-.0760						-.1167			
4.97100									-.0329						

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS61)

MACH (7) = 1.408 RN/L (1) = 4.404

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0299		
-2.13200			-.0304	
-1.42500		-.0247		-.0544
-.71800			-.1139	
-.01100		-.0830		
2.85000	-.0540			

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS62) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.051 RN/L (1) = 2.014 P = 449.82 PT = 904.60 TTF = 66.938 Q = 347.80

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											.0024				
-4.26400								.0349						.0170	
-3.55700						.0174					.0211				
-2.85000				.0235				.0532						.0402	
-2.14300						.0593					.0511				
-1.43500								.0735						.0853	
-.72800											.0861				
-.69700					.0939										
.01100			.0891				.0875								
.71800		.0879			.0948					.0939					
1.42500	.0802		.0952				.0944						.0903		
2.13200		.0737			.0858					.0972					
2.83900			.0769				.0838								
2.86000															.0713
3.54600					.0761										
3.56700												.0359			
4.27400									.0294						.0473
4.98200												.0408			
5.68900															.0006

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.0074	
-4.98200											.0091				
-4.27400								.0226						.0280	
-3.56700											.0522				
-3.55700		.0154													
-2.86000														.0448	
-2.85000					.0398										
-2.14300		.0678													
-2.12100										.0717					
-1.41400							.0827						.0804		
-.70700				.0913						.0937					
.00000	.1050						.0992						.1011		
.70700				.1062						.0619					
1.41400							.1007						.1094		
2.12100										.1003					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS62)

MACH (1) = 1.051 RN/L (1) = 2.014

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			.0871												
2.85000															.0565
2.86000						.0851									
3.56700			.0672						.0546						
4.27400						.0493						.0392			
4.98200			.0282						.0282						
5.68900						.0042									
6.39600			.0140												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0292													
-5.68900					-.0062										
-4.98200		.0243						.0103							
-4.27400					.0329					.0317					
-3.56700		.0251						-.0029							
-3.54600															.0171
-2.86000					.0181										
-2.83900													.0473		
-2.15300		.0802													
-2.13200										.0603					.0595
-1.42500							.0762						.0774		
-.71800										.0860					.0782
-.70700	.0670														
-.01100													.0766		
.00000				.1047											
.69700															.0342
.70700	.1031														
.72800									.0736						
1.43500						.0728						.0646			
2.14300			.0431						.0890					.0881	
2.85000						.0671						.0699			
3.55700			.0728						.0752					.0273	
4.26400						.0208						-.0027			
4.97100									.0281						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0310		
-2.13200			.0424	
-1.42500		.0640		.0497
-.71800			.0456	
-.01100		.0595		

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS62)

MACH (1) = 1.051 RN/L (1) = 2.014

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.0687			

MACH (2) = 1.105 RN/L (1) = 2.002 P = 418.00 PT = 898.23 TTF = 70.082 Q = 357.36

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.87100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											.0268				
-3.55700								.0493						.0386	
-2.85000						.0299					.0347				
-2.14300				.0240				.0422						.0382	
-1.43500						.0367					.0292				
-.72800								.0477						.0517	
-.69700					.0854						.0635				
.01100			.1024				.1107								
.71800		.1221			.1237					.1356					
1.42500	.1245		.1360				.1462						.1375		
2.13200		.1292			.1419					.1470					
2.83900			.1340				.1367								
2.86000															.1277
3.54600					.1356										
3.56700												.1000			
4.27400									.0973						.1067
4.98200												.1111			
5.68900															.0783

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														.0101	
-4.27400											.0297				
-3.56700								.0433						.0421	
-3.55700		.0268									.0609				
-2.86000															
-2.85000					.0347									.0445	
-2.14300		.0422													
-2.12100															
-1.41400										.0771					
-.70700				.0873			.0793						.0847		
.00000	.1079									.0919					
.70700				.1441			.1266						.1007		
										.0584					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS62)

MACH (2) = 1.105 RN/L (1) = 2.002

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							.1498						.1220		
2.12100										.1487					
2.15300			.1415												
2.85000															.1226
2.86000						.1419									
3.56700			.1229						.1182						
4.27400						.1138						.1008			
4.98200			.1008						.0998						
5.68900						.0834									
6.39600			.1000												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0159													
-5.68900					.0169										
-4.98200		.0433						.0297							
-4.27400					.0533						.0409				
-3.56700		.0377						.0137							
-3.54600															.0275
-2.86000					.0177										
-2.83900													.0366		
-2.15300		.0629													
-2.13200										.0390					.0453
-1.42500							.0485						.0513		
-.71800										.0763					.0667
-.70700	.0550														
-.01100													.0961		
.00000				.1003											
.69700															.0695
.70700	.1125														
.72800									.1210						
1.43500						.1210						.1171			
2.14300			.1108						.1368					.1368	
2.85000						.1360						.1265			
3.55700			.1336						.1360					.0950	
4.26400						.0934						.0662			
4.97100									.1013						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0295		
-2.13200			.0238	
-1.42500		.0434		.0283

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS62)

MACH (2) = 1.105 RN/L (1) = 2.002

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			.0378	
-.01100		.0632		
2.85000	.1210			

MACH (3) = 1.249 RN/L (1) = 2.012 P = 347.98 PT = 800.35 TTF = 71.687 Q = 380.07

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.69900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											-.0060				
-3.55700								.0163						.0044	
-2.85000						-.0027					.0044				
-2.14300				-.0090				.0044						.0033	
-1.43500						-.0027					-.0120				
-.72800								.0003						.0059	
-.69700											-.0090				
.01100					-.0043										
.71800			-.0114				-.0159								
1.42500		-.0017			-.0010					-.0144					
2.13200	.0042		.0009				.0020						-.0128		
2.83900		.0024			.0087					.0080					
2.85000			.0318				.0251								
3.54600					.0541										.0258
3.56700												.0830			
4.27400									.1344						.1452
4.98200												.1757			
5.68900															.1679

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														-.0176	
-4.27400											-.0052				
-3.56700								.0001						.0001	
-3.55700		-.0088									.0167				
-2.86000															
-2.85000														.0039	
-2.14300					-.0068										
-2.12100		-.0004													
-1.41400										.0222					
-.70700							.0230						.0301		
			.0230							.0301					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS82)

MACH (3) = 1.249 RN/L (1) = 2.012

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.0247						.0380						.0362		
.70700				.0373						.0269					
1.41400							.0531						.0416		
2.12100										.0517					
2.15300			-.0106												
2.85000															.0251
2.85000					.0355										
3.55700			.0995						.0668						
4.27400					.1623							.1434			
4.98200			.1839						.1802						
5.68900					.1709										
6.39600			.1635												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0301													
-5.68900					-.0059										
-4.98200		.0137						-.0048							
-4.27400					.0148						.0054				
-3.56700		-.0052						-.0282							
-3.54600															-.0086
-2.85000					-.0241										
-2.83900													.0003		
-2.15300		.0148													
-2.13200										-.0004					.0123
-1.42500							-.0027						-.0012		
-.71800										.0007					-.0015
-.70700	.0118														
-.01100													-.0072		
.00000				.0420											
.69700															-.0737
.70700	.0413														
.72800									-.0139						
1.43500					-.0139							-.0236			
2.14300			-.0273						.0091					.0121	
2.85000					.0321							.0347			
3.55700			.0849						.0931					.0470	
4.26400					.1314							.1057			
4.97100									.1607						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0027		

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS62)

MACH (3) = 1.249 RN/L (1) = 2.012

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			-.0086	
-1.42500		-.0027		-.0124
-.71800			-.0393	
-.01100		-.0288		
2.85000	.0210			

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS63) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .901 RN/L (1) = 4.537 P = 1292.2 PT = 2186.9 TTF = 76.704 Q = 733.59

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											.0513				
-4.26400							.0850							.0735	
-3.55700						.0741					.0879				
-2.85000				.0643			.0915							.0877	
-2.14300						.0843					.0800				
-1.43500							.1063							.1263	
-.72800											.1084				
-.69700					.1277										
.01100			.1066				.1058								
.71800		.1257			.1328					.1261					
1.42500	.1261		.1348				.1326						.1280		
2.13200		.1392			.1461					.1461					
2.83900			.1656				.1541								
2.86000															.1446
3.54600					.1727										
3.56700												.1280			
4.27400									.1399						.1703
4.98200												.1811			
5.68900															.1809

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														.0340	
-4.98200											.0572				
-4.27400								.0667						.0727	
-3.56700											.0905				
-3.55700		.0710													
-2.86000														.0934	
-2.85000					.0854										
-2.14300		.0904													
-2.12100										.1258					
-1.41400							.1183						.1344		
-.70700				.1284						.1407					
.00000	.1472						.1590						.1472		
.70700				.1681						.1584					
1.41400							.1705						.1524		
2.12100										.1712					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS63)

MACH (1) = .901 RN/L (1) = 4.537

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			.1392												
2.85000															.1176
2.86000					.1530										
3.56700			.1684						.1561						
4.27400					.1647							.1446			
4.98200			.1819						.1699						
5.68900					.1746										
6.39600			.2051												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		.0127													
-5.68900					.0345										
-4.98200		.0843						.0592							
-4.27400					.0876						.0654				
-3.56700		.0650						.0417							
-3.54600															.0760
-2.86000					.0557										
-2.83900													.0907		
-2.15300		.1146													
-2.13200										.0996					.1100
-1.42500							.1001						.1131		
-.71800										.1090					.1053
-.70700	.1388														
-.01100													.1088		
.00000				.1427											
.69700															.0681
.70700	.1426														
.72800									.1203						
1.43500					.1034							.1099			
2.14300			.1069						.1487					.1514	
2.85000					.1414							.1410			
3.55700			.1675						.1817					.1218	
4.26400					.1495							.1117			
4.97100									.1610						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0752		
-2.13200			.0893	
-1.42500		.1025		.0949
-.71800			.0808	
-.01100		.0849		

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS63)

MACH (1) = .901 RN/L (1) = 4.537

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.1337			

MACH (2) = 1.048 RN/L (1) = 4.592 P = 1047.5 PT = 2099.9 TTF = 73.883 Q = 805.90

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400													-.0006		
-3.55700								.0378						.0197	
-2.85000						.0251							.0277		
-2.14300					.0256			.0598						.0572	
-1.43500						.0643							.0626		
-.72800								.0860						.1046	
-.69700													.0916		
.01100			.0963		.1093										
.71800		.1034					.0997								
1.42500	.0931		.1034							.1081					
2.13200		.0863	.1051				.1121					.0963			
2.83900			.1029							.1084					
2.86000			.0942				.0940								
3.54600															.0785
3.56700					.0949										
4.27400											.0446				
4.98200									.0441						.0582
5.68900											.0628				
															.0379

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0182	
-4.98200											-.0034				
-4.27400								.0154						.0123	
-3.56700											.0511				
-3.55700		.0335													
-2.86000														.0491	
-2.85000					.0431										
-2.14300		.0692													
-2.12100										.0897					
-1.41400							.0928						.1134		
-.70700				.1214						.1143					
.00000	.1337						.1239						.1224		
.70700				.1297						.1222					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS63)

MACH (2) = 1.048 RN/L (1) = 4.592

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							.1268						.1236		
2.12100										.1246					
2.15300			.1003												
2.85000															.0671
2.86000						.1009									
3.56700			.0841						.0677						
4.27400						.0663						.0542			
4.98200			.0531						.0434						
5.68900						.0252									
6.39600			.0664												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0338													
-5.68900					-.0115										
-4.98200		.0209						-.0055							
-4.27400					.0246						.0054				
-3.56700		.0227						-.0115							
-3.54600															.0237
-2.86000					.0112										
-2.83900													.0570		
-2.15300		.0826													
-2.13200										.0825					.0785
-1.42500							.0943						.0911		
-.71800										.1041					.0876
-.70700	.1175														
-.01100													.0828		
.00000				.1192											
.69700															.0479
.70700	.1229														
.72800									.0929						
1.43500						.0510						.0765			
2.14300			.0673						.1032					.1013	
2.85000						.0781						.0825			
3.55700			.0950						.1013					.0416	
4.26400						.0476						.0113			
4.97100									.0573						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0521		
-2.13200			.0597	
-1.42500		.0804		.0558

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS63)

MACH (2) = 1.048 RN/L (1) = 4.592

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			.0542	
-.01100		.0618		
2.85000	.0758			

MACH (3) = 1.098 RN/L (1) = 4.538 P = 967.55 PT = 2061.7 TTF = 74.684 Q = 817.05

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100												.0084			
-4.26400								.0470						.0263	
-3.55700						.0101						.0112			
-2.85000				-.0009				.0205						.0143	
-2.14300						.0103						-.0011			
-1.43500								.0274						.0560	
-.72800												.0663			
-.69700					.0831										
.01100			.1133				.1071								
.71800		.1250			.1349					.1415					
1.42500	.1265		.1365				.1425						.1331		
2.13200		.1160			.1367					.1456					
2.83900			.1250				.1334								
2.85000															.1219
3.54600					.1288										
3.56700											.0876				
4.27400									.0874						.0969
4.98200											.0914				
5.68900															.0614

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0087	
-4.98200											.0091				
-4.27400								.0244						.0216	
-3.56700											.0446				
-3.55700		.0050													
-2.86000														.0204	
-2.85000					.0110										
-2.14300		.0181													
-2.12100										.0781					
-1.41400							.0752						.0856		
-.70700				.0813						.0958					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS63)

MACH (3) = 1.098 RN/L (1) = 4.538

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.1270						.1364						.1003		
.70700				.1541						.1346					
1.41400							.1620						.1242		
2.12100										.1638					
2.15300			.1429												
2.85000															.1054
2.86000						.1421									
3.56700			.1245						.1121						
4.27400						.1093						.0938			
4.98200			.0862						.0831						
5.68900						.0559									
6.39600			.0655												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.28400	4.27400
X															
-6.39600		-.0348													
-5.68900					-.0062										
-4.98200		.0331						.0049							
-4.27400					.0359						.0108				
-3.56700		.0117						-.0188							
-3.54600															.0140
-2.85000					-.0132										
-2.83900													.0244		
-2.15300		.0413													
-2.13200										.0237					.0405
-1.42500							.0297						.0401		
-.71800										.0697					.0613
-.70700	.0839														
-.01100													.0907		
.00000				.0960											
.69700															.0654
.70700	.1085														
.72800									.1285						
1.43500						.0906						.1137			
2.14300			.1013						.1426					.1351	
2.85000						.1154						.1233			
3.55700			.1275						.1392					.0787	
4.26400						.0846						.0373			
4.97100									.0910						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0152		

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS83)

MACH (3) = 1.098 RN/L (1) = 4.538

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			.0187	
-1.42500		.0363		.0284
-.71800			.0244	
-.01100		.0697		
2.85000	.1080			

MACH (4) = 1.248 RN/L (1) = 4.505 P = 792.14 PT = 2045.4 TTF = 77.608 Q = 863.08

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100												-.0184			
-4.26400								.0220						-.0031	
-3.55700						-.0063						-.0047			
-2.85000				-.0233				.0056						-.0022	
-2.14300						-.0089						-.0194			
-1.43500								-.0119						.0271	
-.72800												-.0173			
-.69700					-.0029										
.01100			-.0143				-.0277								
.71800		.0013			-.0068					-.0098					
1.42500	.0019		.0002				.0037						-.0064		
2.13200		-.0114			.0011					.0029					
2.83900			.0010				.0078								
2.86000															-.0074
3.54600					.0264										
3.56700											.0503				
4.27400									.1309						.1440
4.98200											.1940				
5.68900															.1763

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0281	
-4.98200											-.0233				
-4.27400								-.0136						-.0139	
-3.56700											.0124				
-3.55700		-.0182													
-2.86000														-.0052	
-2.85000					-.0120										
-2.14300		-.0008													
-2.12100										.0312					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS83)

MACH (4) = 1.248 RN/L (1) = 4.505

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-1.41400							.0317						.0336		
-.70700				.0338						.0393					
.00000	.0320						.0432						.0439		
.70700				.0458						.0499					
1.41400							.0576						.0475		
2.12100										.0549					
2.15300			-.0167												
2.85000															-.0015
2.86000						.0107									
3.56700			.0772						.0682						
4.27400						.1598						.1647			
4.98200			.1956						.1915						
5.68900						.1760									
6.39600			.1757												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0466													
-5.68900					-.0235										
-4.98200		.0040						-.0185							
-4.27400					.0050						-.0143				
-3.56700		-.0218						-.0482							
-3.54600															-.0188
-2.86000					-.0485										
-2.83900													-.0042		
-2.15300		.0161													
-2.13200										-.0014					.0093
-1.42500							-.0032						.0024		
-.71800										.0037					-.0080
-.70700	.0387														
-.01100													-.0158		
.00000				.0415											
.69700															-.0727
.70700	.0434														
.72800									-.0230						
1.43500						-.0400						-.0255			
2.14300			-.0460						.0044					.0086	
2.85000						.0072						.0170			
3.55700			.0895						.0921					.0246	
4.26400						.1225						.0977			
4.97100									.1737						

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS63)

MACH (4) = 1.248 RN/L (1) = 4.505

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0121		
-2.13200			-.0085	
-1.42500		-.0053		-.0140
-.71800			-.0383	
-.01100		-.0304		
2.85000	.0215			

MACH (5) = 1.404 RN/L (1) = 4.509 P = 658.47 PT = 2107.0 TTF = 83.236 Q = 908.39

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0150				
-4.26400								.0264						.0020	
-3.55700							-.0063				-.0059				
-2.85000					-.0284			-.0012						-.0188	
-2.14300							-.0149				-.0358				
-1.43500								-.0177						.0120	
-.72800											-.0191				
-.69700						-.0055									
.01100			-.0123					-.0303							
.71800		-.0030				-.0027				-.0112					
1.42500	-.0009		.0085					.0056					-.0024		
2.13200		-.0092				.0010				.0039					
2.83900			-.0068					-.0052							
2.86000															-.0165
3.54600						-.0006									
3.56700												-.0395			
4.27400									-.0376						-.0161
4.98200												-.0029			
5.68900															-.0234

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0234	
-4.98200											-.0180				
-4.27400								-.0204						-.0292	
-3.56700											.0034				
-3.55700		-.0240													
-2.86000														-.0177	
-2.85000						-.0315									
-2.14300		-.0104													

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS63)

MACH (5) = 1.404 RN/L (1) = 4.509

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0262					
-1.41400							.0259						.0225		
-.70700				.0205						.0225					
.00000	.0214						.0234						.0229		
.70700				.0250						.0289					
1.41400							.0247						.0240		
2.12100										.0244					
2.15300			-.0060												
2.85000															-.0309
2.86000					.0042										
3.56700			.0011						-.0134						
4.27400					-.0075							-.0139			
4.98200			-.0057						-.0086						
5.68900					-.0141										
6.39600			.0114												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0309													
-5.68900					-.0147										
-4.98200		.0042						-.0210							
-4.27400					-.0042						-.0216				
-3.56700		-.0351						-.0553							
-3.54600															-.0180
-2.85000					-.0577										
-2.83900													-.0127		
-2.15300		.0044													
-2.13200										-.0169					.0007
-1.42500							-.0124						.0053		
-.71800										.0013					-.0102
-.70700	.0241														
-.01100													-.0274		
.00000				.0222											
.69700															-.0787
.70700	.0232														
.72800									-.0229						
1.43500					-.0399							-.0238			
2.14300			-.0408						.0037					.0045	
2.85000					-.0139							-.0105			
3.55700			.0098						.0124					-.0378	
4.26400					-.0280							-.0630			
4.97100									-.0015						

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS63)

MACH (5) = 1.404 RN/L (1) = 4.509

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0207		
-2.13200			-.0137	
-1.42500		-.0024		-.0152
-.71800			-.0423	
-.01100		-.0395		
2.85000	-.0170			

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS64) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	-.002	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = 1.051 RN/L (1) = 5.998 P = 1379.2 PT = 2772.5 TTF = 78.478 Q = 1065.7

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-5.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0129				
-4.26400								.0362						.0118	
-3.55700					.0239						.0308				
-2.85000				.0190				.0566						.0554	
-2.14300					.0643						.0609				
-1.43500								.0856						.0999	
-.72800											.0973				
-.69700					.1131										
.01100			.1020				.0978								
.71800		.1087			.1154					.1112					
1.42500	.1021		.1118				.1223						.1038		
2.13200		.0930			.1115					.1151					
2.83900			.1023				.1092								
2.85000															.0847
3.54600					.1188										
3.56700												.0522			
4.27400									.0566						.0656
4.98200												.0791			
5.68900															.0506

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														-.0291	
-4.27400											-.0052				
-3.56700								.0128						.0135	
-3.55700		.0105									.0452				
-2.86000															
-2.85000														.0352	
-2.14300		.0651			.0382										
-2.12100															
-1.41400										.0881					
-.70700							.0879						.1139		
.00000	.1394			.1221						.1179					
.70700							.1339						.1297		
1.41400				.1415						.1353					
2.12100							.1380						.1329		
										.1418					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS84)

MACH (1) = 1.051 RN/L (1) = 5.998

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			.1002												
2.85000															.0644
2.86000						.1055									
3.56700			.0946						.0794						
4.27400						.0866						.0771			
4.98200			.0686						.0640						
5.68900						.0555									
6.39600			.1232												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0556													
-5.68900					-.0255										
-4.98200		.0229						-.0095							
-4.27400					.0348						.0222				
-3.56700		.0233						-.0193							
-3.54600															.0154
-2.86000					.0044										
-2.83900													.0473		
-2.15300		.0930													
-2.13200										.0788					.0814
-1.42500							.0888						.0878		
-.71800										.0993					.0934
-.70700	.1255														
-.01100													.0787		
.00000				.1312											
.69700															.0411
.70700	.1297														
.72800									.0918						
1.43500						.0801						.0677			
2.14300			.0558						.1093					.1141	
2.85000						.0799						.0938			
3.55700			.1120						.1117					.0564	
4.26400						.0474						.0188			
4.97100									.0752						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0367		
-2.13200			.0465	
-1.42500		.0783		.0557
-.71800			.0439	
-.01100		.0669		

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS64)

MACH (1) = 1.051 RN/L (1) = 5.998

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.0871			

MACH (2) = 1.101 RN/L (1) = 6.023 P = 1292.2 PT = 2761.9 TTF = 78.617 Q = 1096.1

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0073				
-4.26400								.0316						.0200	
-3.55700						.0046					.0146				
-2.85000				-.0067				.0260						.0213	
-2.14300						.0162					.0076				
-1.43500								.0323						.0392	
-.72800											.0434				
-.69700					.0689										
.01100			.0968				.1103								
.71800		.1260			.1301					.1319					
1.42500	.1206		.1319				.1467						.1277		
2.13200		.1153			.1368					.1435					
2.83900			.1246				.1343								
2.86000															.1168
3.54600					.1277										
3.56700												.0794			
4.27400									.0699						.0902
4.98200												.0875			
5.68900															.0455

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0422	
-4.98200											-.0197				
-4.27400								.0091						.0117	
-3.56700											.0412				
-3.55700		.0033													
-2.86000														.0184	
-2.85000					.0118										
-2.14300		.0216													
-2.12100										.0764					
-1.41400							.0661						.0842		
-.70700				.0703						.0912					
.00000	.1121						.1372						.0987		
.70700				.1563						.1400					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS64)

MACH (2) = 1.101 RN/L (1) = 6.023

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							.1696						.1226		
2.12100										.1699					
2.15300			.1425												
2.85000															.0953
2.86000						.1386									
3.56700			.1198						.1067						
4.27400						.1054						.0807			
4.98200			.0809						.0712						
5.68900						.0481									
6.39600			.0550												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600			-.0660												
-5.68900					-.0295										
-4.98200			.0049					-.0230							
-4.27400					.0148						.0027				
-3.56700			.0042					-.0321							
-3.54600															.0102
-2.86000					-.0239										
-2.83900													.0244		
-2.15300			.0422												
-2.13200										.0278					.0398
-1.42500							.0320						.0402		
-.71800										.0620					.0516
-.70700		.0817													
-.01100													.0676		
.00000				.0832											
.69700															.0503
.70700		.1019													
.72800									.1151						
1.43500						.0928						.1004			
2.14300			.0952						.1336					.1334	
2.85000						.1098						.1177			
3.55700			.1267						.1364					.0624	
4.26400						.0680						.0287			
4.97100									.0745						

Y	4.87100	4.98200	5.68900	6.39600
X				
-2.83900		.0189		
-2.13200			.0090	
-1.42500		.0311		.0191

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS64)

MACH (2) = 1.101 RN/L (1) = 6.023

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			.0120	
-.01100		.0545		
2.85000	.0945			

MACH (3) = 1.248 RN/L (1) = 5.997 P = 1071.5 PT = 2767.5 TTF = 84.277 Q = 1167.8

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400													-.0249		
-3.55700										.0207					-.0033
-2.85000								-.0085					-.0108		
-2.14300					-.0224					-.0006					-.0092
-1.43500								-.0154					-.0325		
-.72800										-.0175					.0219
-.69700													-.0219		
.01100						-.0031									
.71800			-.0152					-.0274							
1.42500		.0000				-.0137						-.0127			
2.13200	.0054		.0001					-.0030						-.0077	
2.83900		-.0113				-.0013						.0041			
2.86000			-.0040					-.0056							
3.54600															.0011
3.56700						.0080									
4.27400													.0368		
4.98200											.1317				.1364
5.68900													.1843		
															.1767

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														-.0341	
-4.27400											-.0261				
-3.56700								-.0168						-.0216	
-3.55700		-.0254									.0048				
-2.86000															
-2.85000						-.0171								-.0145	
-2.14300		-.0084													
-2.12100															
-1.41400										.0341					
-.70700					.0404			.0334					.0350		
										.0362					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS64)

MACH (3) = 1.246 RN/L (1) = 5.997

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.0370						.0412								
.70700				.0451						.0451			.0375		
1.41400							.0481								
2.12100										.0423			.0403		
2.15300			-.0213												
2.85000															-.0013
2.86000						.0056									
3.56700			.0563						.0429						
4.27400						.1479						.1402			
4.98200			.1880						.1822						
5.68900						.1792									
6.39600			.1741												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0545													
-5.68900					-.0280										
-4.98200		.0012						-.0300							
-4 27400					-.0026						-.0214				
-3.56700		-.0329						-.0638							
-3.54600															-.0182
-2.86000					-.0574										
-2.83900													-.0082		
-2.15300		.0085													
-2.13200										.0016					.0063
-1.42500							-.0004						-.0025		
-.71800										-.0027					-.0167
-.70700	.0362														
-.01100													-.0325		
.00000				.0375											
.69700															-.0828
.70700	.0378														
.72800									-.0283						
1.43500					-.0492							-.0359			
2.14300			-.0421						-.0037					.0014	
2.85000					-.0040							.0018			
3.55700			.0585						.0662					-.0085	
4.26400					.1093							.0787			
4.97100									.1683						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0136		

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS64)

MACH (3) = 1.248 RN/L (1) = 5.997

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			-.0158	
-1.42500		-.0129		-.0213
-.71800			-.0500	
-.01100		-.0479		
2.85000	.0048			

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS65) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.412 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.049 RN/L (1) = 2.008 P = 450.53 PT = 903.89 TTF = 67.567 Q = 347.05

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											-.0476				
-4.26400								-.0045						-.0305	
-3.55700						-.0191					-.0020				
-2.85000				.0228				.0594						.0586	
-2.14300						.0960					.0911				
-1.43500								.1184						.1334	
-.72800											.1318				
-.69700					.1391										
.01100			.1293				.1318								
.71800		.1249			.1318					.1326					
1.42500	.1062		.1208				.1318						.1168		
2.13200		.0843			.1123					.1212					
2.83900			.0878				.0993								
2.86000															.0870
3.54600					.0830										
3.56700												.0297			
4.27400									.0009						.0257
4.98200												-.0008			
5.68900															-.0714

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.0585	
-4.98200											-.0486				
-4.27400								-.0043						-.0338	
-3.56700											.0201				
-3.55700		-.0350													
-2.86000														.0312	
-2.85000					.0130										
-2.14300		.1001													
-2.12100										.1000					
-1.41400							.1235						.1310		
-.70700				.1420						.1333					
.00000	.1529						.1369						.1412		
.70700				.1392						.1286					
1.41400							.1318						.1380		
2.12100										.1282					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS65)

MACH (1) = 1.049 RN/L (1) = 2.008

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
2.15300			.1199												
2.85000															
2.86000															.0570
3.55700			.0724			.1098									
4.27400									.0537						
4.98200			-.0024			.0358						.0049			
5.68900									-.0113						
6.39600			-.0580			-.0568									

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0774													
-5.68900					-.0470										
-4.98200		-.0182						-.0503							
-4.27400					-.0132						-.0231				
-3.56700		-.0075						-.0527							
-3.54600															
-2.86000					-.0034										-.0209
-2.83900															
-2.15300		.1196											.0578		
-2.13200															
-1.42500									.1010						.0977
-.71800							.1242						.1173		
-.70700	.1365								.1275						.1187
-.01100															
.00000				.1455									.1222		
.69700															
.70700	.1404														.0843
.72800															
1.43500									.1139						
2.14300			.0574			.0741						.0981			
2.85000									.1163					.1111	
3.55700			.0741			.0725						.0826			
4.26400									.0838					.0042	
4.97100						-.0193						-.0429			
									-.0047						

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		.0121		
-2.13200			.0659	
-1.42500		.1034		.0749
-.71800			.0733	
-.01100		.0904		

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS65)

MACH (1) = 1.049 RN/L (1) = 2.008

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.0660			

MACH (2) = 1.100 RN/L (1) = 1.996 P = 420.12 PT = 896.82 TTF = 70.256 Q = 355.71

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0036				
-4.26400								.0230						.0063	
-3.55700						.0262					.0107				
-2.85000				.0373				.0671						.0655	
-2.14300						.0421					.0250				
-1.43500								.0349						.0425	
-.72800											.0306				
-.69700					.0378										
.01100			.0683				.0826								
.71800		.1374			.1429					.1560					
1.42500	.1421		.1513				.1695						.1596		
2.13200		.1279			.1548					.1648					
2.83900			.1342				.1457								
2.86000															.1446
3.54600					.1298										
3.56700												.0866			
4.27400									.0532						.0806
4.98200												.0473			
5.68900															-.0262

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0027	
-4.98200											-.0034				
-4.27400								.0043						-.0026	
-3.56700											.0376				
-3.55700		.0071													
-2.86000														.0517	
-2.85000					.0488										
-2.14300		.0453													
-2.12100										.0815					
-1.41400							.0807						.0960		
-.70700				.0834						.1098					
.00000	.0945						.1455						.1240		
.70700				.1623						.1753					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS65)

MACH (2) = 1.100 RN/L (1) = 1.996

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							.1811								
2.12100													.1485		
2.15300			.1736							.1795					
2.85000															.1322
2.86000						.1609									
3.56700			.1271						.1144						
4.27400						.0910						.0628			
4.98200			.0516						.0409						
5.68900						-.0052									
6.39600			-.0183												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0243													
-5.68900					.0083										
-4.98200		.0240						-.0114							
-4.27400					.0135						.0027				
-3.56700		.0219						-.0271							
-3.54600															
-2.86000					.0207										-.0012
-2.83900															
-2.15300		.0722											.0530		
-2.13200															
-1.42500										.0483					.0562
-.71800							.0439						.0391		
-.70700	.1370									.0423					.0319
-.01100															
.00000				.1144									.0562		
.69700															
.70700	.1290														.0698
.72800															
1.43500									.1326						
2.14300						.1326						.1453			
2.85000			.1326						.1675					.1652	
3.55700						.1330						.1354			
4.26400			.1326						.1346					.0580	
4.97100						.0386						.0037			
									.0465						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0395		
-2.13200			.0299	
-1.42500		.0327		.0204

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS65)

MACH (2) = 1.100 RN/L (1) = 1.996

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			-.0247	
-.01100		.0124		
2.85000	.1088			

MACH (3) = 1.249 RN/L (1) = 2.008 P = 348.68 PT = 901.77 TTF = 73.151 Q = 380.63

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0099				
-4.26400								.0258						.0109	
-3.55700						.0024					.0050				
-2.85000				-.0117				.0131						-.0021	
-2.14300						-.0054					-.0170				
-1.43500								-.0036						.0076	
-.72800											-.0039				
-.69700					-.0052										
.01100			-.0153				-.0175								
.71800		-.0056			-.0078					-.0223					
1.42500	-.0056		-.0067				-.0156						-.0301		
2.13200		-.0064			.0014					.0070					
2.83900			.0118				.0126								
2.86000															-.0055
3.54600					.0218										
3.56700												.0457			
4.27400									.1738						.2139
4.98200												.2128			
5.68900															.1764

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0259	
-4.98200											-.0138				
-4.27400								-.0010						.0001	
-3.56700											.0249				
-3.55700		-.0106													
-2.86000														.0027	
-2.85000					-.0151										
-2.14300		.0072													
-2.12100										.0369					
-1.41400							.0352						.0391		
-.70700				.0334						.0441					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS85)

MACH (3) = 1.249 RN/L (1) = 2.008

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
.00000	.0348						.0462						.0488		
.70700				.0452						.1283					
1.41400							.0548						.0563		
2.12100										.0513					
2.15300			-.0241												
2.85000															-.0433
2.86000						.0056									
3.56700			.1029					.0884							
4.27400						.2139						.2102			
4.98200			.2205					.2194							
5.68900						.1845									
6.39600			.1645												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0409													
-5.68900					-.0134										
-4.98200		.0167						-.0040							
-4.27400					.0125						-.0022				
-3.56700		-.0138						-.0541							
-3.54600															-.0072
-2.86000					-.0372										
-2.83900													.0040		
-2.15300		.0265													
-2.13200										.0033					.0182
-1.42500							.0040						.0092		
-.71800										.0036					-.0068
-.70700	.0674														
-.01100													-.0265		
.00000				.0513											
.69700															-.0988
.70700	.0498														
.72800									-.0351						
1.43500						-.0641						-.0444			
2.14300			-.0433						.0016					.0042	
2.85000						.0053						-.0081			
3.55700			.0739						.0628					-.0125	
4.26400						.1836						.1106			
4.97100									.2029						

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		-.0016		

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS65)

MACH (3) = 1.249 RN/L (1) = 2.008

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68300	6.39600
X				
-2.13200			-.0165	
-1.42500		-.0116		-.0280
-.71800			-.0627	
-.01100		-.0459		
2.85000	.0027			

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS66) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.411 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .903 RN/L (1) = 4.523 P = 1288.6 PT = 2186.2 TTF = 78.269 Q = 735.20

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											.0007				
-4.26400								.0526						.0279	
-3.55700						.0108					.0177				
-2.85000				-.0060				.0327						.0273	
-2.14300						.0172					.0026				
-1.43500								.0160						.0614	
-.72800											.0084				
-.69700					.0424										
.01100			.0214				.0095								
.71800		.0227			.0214					.0153					
1.42500	.0168		.0223				.0269						-.0002		
2.13200		.0051			.0126					.0285					
2.83900			.0195				.0168								
2.85000															-.0044
3.54600					.0286										
3.56700												-.0402			
4.27400									-.0235						.0018
4.98200												.0148			
5.00900															.0060

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.0235	
-4.98200											-.0065				
-4.27400								.0105						.0113	
-3.56700											.0415				
-3.55700		.0043													
-2.86000														.0214	
-2.85000					.0095										
-2.14300		.0294													
-2.12100										.0672					
-1.41400							.0631						.0664		
-.70700				.0625						.0627					
.00000	.0597						.0586						.0571		
.70700				.0571						.0538					
1.41400							.0523						.0553		
2.12100										.0512					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3T868)

MACH (1) = .903 RN/L (1) = 4.523

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			.0106												
2.85000															-.0271
2.86000						.0141									
3.56700			.0035						-.0189						
4.27400						.0089						-.0180			
4.98200			.0064						.0110						
5.68900						.0039									
6.39600			.0403												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0457													
-5.68900					-.0080										
-4.98200		.0252						-.0080							
-4.27400					.0304						-.0088				
-3.56700		.0009						-.0368							
-3.54600															.0085
-2.86000					-.0241										
-2.83900														.0316	
-2.15300		.0436													
-2.13200										.0366					.0518
-1.42500							.0249							.0345	
-.71800										.0297					.0174
-.70700	.0573														
-.01100														.0014	
.00000				.0560											
.69700															-.0778
.70700	.0541														
.72800									.0024						
1.43500						-.0495						-.0229			
2.14300			-.0441						.0104					.0121	
2.85000						-.0128						-.0024			
3.56700			.0177						.0307					-.0424	
4.26400						-.0288						-.0807			
4.97100									.0024						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0247		
-2.13200			.0195	
-1.42500		.0245		.0043
-.71800			-.0198	
-.01100		-.0148		

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS66)

MACH (1) = .903 RN/L (1) = 4.523

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	-.0156			

MACH (2) = 1.047 RN/L (1) = 4.498 P = 1043.9 PT = 2089.3 TTF = 80.146 Q = 801.03

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											-.0629				
-3.55700									-.0123					-.0411	
-2.85000						-.0408					-.0383				
-2.14300				-.0091					.0412					.0268	
-1.43500						.0730					.0753				
-.72800									.1031					.1418	
-.69700					.1392						.1212				
.01100			.1216				.1204								
.71800		.1188			.1251					.1286					
1.42500	.0967		.1148				.1260						.1051		
2.13200		.0724			.1069					.1153					
2.83900			.0802				.0928								
2.86000															
3.54600															.0818
3.56700					.0784										
4.27400												.0162			
4.98200								-.0088							.0160
5.68900												-.0122			
															-.0747

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														-.0719	
-4.27400											-.0629				
-3.56700								-.0414						-.0538	
-3.55700		-.0638									-.0129				
-2.86000															
-2.85000					.0014									.0011	
-2.14300		.0869													
-2.12100															
-1.41400										.0994					
-.70700				.1510			.1182						.1339		
.00000	.1616									.1361					
.70700				.1445			.1411						.1452		
										.1414					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS66)

MACH (2) = 1.047 RN/L (1) = 4.498

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
1.41400							.1397						.1421		
2.12100										.1385					
2.15300			.1197												
2.85000															.0546
2.86000						.1070									
3.56700			.0663						.0458						
4.27400						.0308						-.0113			
4.98200			-.0081						-.0192						
5.68900						-.0649									
6.39600			-.0576												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0861													
-5.68900					-.0593										
-4.99200		-.0328						-.0661							
-4.27400					-.0300						-.0476				
-3.56700		-.0428						-.0778							
-3.54600															-.0444
-2.86000					-.0316										
-2.83900													.0299		
-2.15300		.0906													
-2.13200										.0972					.0853
-1.42500							.1170						.1110		
-.71800										.1233					.1106
-.70700	.1450														
-.01100													.1108		
.00000				.1445											
.69700															.0556
.70700	.1438														
.72800									.1113						
1.43500						.0476						.0902			
2.14300			.0550						.1092					.1050	
2.85000						.0627						.0759			
3.55700			.0622						.0863					-.0075	
4.26400						-.0272						-.0652			
4.97100									-.0087						

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		.0069		
-2.13200			.0593	
-1.42500		.0968		.0646

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS66)

MACH (2) = 1.047 RN/L (1) = 4.498

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			.0646	
-.01100		.0846		
2.85000	.0504			

MACH (3) = 1.102 RN/L (1) = 4.485 P = 972.50 PT = 2081.5 TTF = 83.583 Q = 826.61

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0269				
-4.26400								.0136						-.0066	
-3.55700						.0430					.0263				
-2.85000				.1285				.1270						.1304	
-2.14300						.1822					.1804				
-1.43500								.2108						.2375	
-.72800											.2186				
-.69700					.2426										
.01100			.2219				.2204								
.71800		.2179			.2221					.2251					
1.42500	.1975		.2104				.2212						.2031		
2.13200		.1729			.2014					.2073					
2.83900			.1741				.1849								
2.86000															.1766
3.54600					.1695										
3.56700												.1139			
4.27400									.0824						.1105
4.98200												.0783			
5.68900															.0122

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0385	
-4.98200											-.0433				
-4.27400								-.0174						-.0363	
-3.56700											.0377				
-3.55700		.0027													
-2.86000														.1187	
-2.85000					.1176										
-2.14300		.1941													
-2.12100										.1944					
-1.41400							.2185						.2311		
-.70700				.2434						.2312					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS66)

MACH (3) = 1.102 RN/L (1) = 4.485

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.2499						.2329						.2385		
.70700				.2345						.2322					
1.41400							.2307						.2350		
2.12100										.2281					
2.15300			.2139												
2.85000															.1499
2.86000						.1986									
3.56700			.1580						.1373						
4.27400						.1231						.0827			
4.98200			.0820						.0705						
5.68900						.0255									
6.39600			.0241												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0340													
-5.68900					-.0260										
-4.98200		-.0129						-.0474							
-4.27400					-.0128						-.0334				
-3.56700		.0176						-.0356							
-3.54600															-.0010
-2.86000					.0952										
-2.83900													.1209		
-2.15300		.2029													
-2.13200										.2005					.1819
-1.42500							.2214						.2103		
-.71800										.2238					.2159
-.70700	.2380														
-.01100													.2144		
.00000				.2385											
.69700															.1617
.70700	.2380														
.72800									.2172						
1.43500						.1566						.1889			
2.14300			.1508						.2026					.1986	
2.85000						.1583						.1702			
3.55700			.1588						.1795					.1003	
4.26400						.0663						.0300			
4.97100									.0823						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.1109		

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS06)

MACH (3) = 1.102 RN/L (1) = 4.485

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			.1814	
-1.42500		.2040		.1829
-.71800			.1775	
-.01100		.1923		
2.85000	.1506			

MACH (4) = 1.249 RN/L (1) = 4.598 P = 822.55 PT = 2126.8 TTF = 85.213 Q = 897.64

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0265				
-4.26400								.0278						.0032	
-3.55700						-.0091					-.0114				
-2.85000				-.0268				.0010						-.0135	
-2.14300						-.0151					-.0356				
-1.43500								-.0152						.0299	
-.72800											-.0138				
-.69700					-.0022										
.01100			-.0169				-.0273								
.71800		-.0014			-.0085					-.0160					
1.42500	-.0007		-.0039				-.0041						-.0169		
2.13200		-.0149			-.0104					.0044					
2.83900			.0094				.0084								
2.86000															-.0087
3.54600					.0188										
3.56700												.0289			
4.27400									.2019						.2110
4.98200												.2159			
5.68900															.1796

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0378	
-4.98200											-.0303				
-4.27400								-.0213						-.0284	
-3.56700											.0130				
-3.55700		-.0268													
-2.86000														-.0116	
-2.85000					-.0224										
-2.14300		-.0061													
-2.12100										.0379					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS66)

MACH (4) = 1.249 RN/L (1) = 4.598

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-1.41400							.0399						.0421		
-.70700				.0396						.0449					
.00000	.0418						.0505						.0463		
.70700				.0540						.0526					
1.41400							.0587						.0479		
2.12100										.0583					
2.15300			-.0173												
2.85000															-.0292
2.86000						.0113									
3.56700			.0969						.0849						
4.27400						.2335						.2255			
4.98200			.2200						.2153						
5.68900						.1835									
6.39600			.1679												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0601													
-5.68900					-.0297										
-4.98200		.0001						-.0281							
-4.27400					.0016						-.0303				
-3.56700		-.0371						-.0662							
-3.54600															-.0281
-2.86000					-.0620										
-2.83900													-.0092		
-2.15300		.0208													
-2.13200										-.0059					.0152
-1.42500							-.0048						.0010		
-.71800										.0050					-.0157
-.70700	.0440														
-.01100													-.0272		
.00000				.0420											
.69700															-.1054
.70700	.0446														
.72800									-.0243						
1.43500						-.0659						-.0425			
2.14300			-.0571						-.0091					-.0021	
2.85000						-.0104						-.0025			
3.55700			.0657						.0829					-.0084	
4.26400						.1892						.1472			
4.97100									.2021						

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS68)

MACH (4) = 1.249 RN/L (1) = 4.598

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.60900	6.39600
X				
-2.83900		-.0129		
-2.13200			-.0175	
-1.42500		-.0126		-.0355
-.71800			-.0702	
-.01100		-.0479		
2.85000	-.0024			

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS67) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.412 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.050 RN/L (1) = 5.958 P = 1385.5 PT = 2782.4 TTF = 82.646 Q = 1068.9

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100															
-4.26400											.0838				
-3.55700								.1364						.1172	
-2.85000						.1060					.1167				
-2.14300				.0935				.1322						.1329	
-1.43500						.1167					.1177				
-.72800								.1230						.1500	
-.69700					.1665						.1347				
.01100			.1486				.1412								
.71800		.1470			.1490					.1465					
1.42500	.1276		.1383				.1493						.1202		
2.13200		.0939			.1284					.1345					
2.83900			.1039				.1142								
2.86000															.0923
3.54600					.1021										
3.56700												.0235			
4.27400									-.0050						.0290
4.98200												.0029			
5.68900															-.0735

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900															
-4.98200														.0683	
-4.27400											.0845				
-3.56700								.1106						.1128	
-3.55700		.1067									.1411				
-2.86000															
-2.85000					.1153									.1211	
-2.14300		.1344													
-2.12100															
-1.41400										.1677					
-.70700				.1667			.1672						.1662		
.00000	.1785									.1662					
.70700				.1702			.1680						.1601		
1.41400										.1624					
2.12100							.1624						.1575		
										.1575					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS67)

MACH (1) = 1.050 RN/L (1) = 5.958

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			.1305												
2.85000															.0505
2.86000						.1220									
3.56700			.0801						.0578						
4.27400						.0489						-.0005			
4.98200			.0066						-.0084						
5.68900						-.0549									
6.39600			-.0413												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0489													
-5.68900					.0663										
-4.98200		.1186						.0894							
-4.27400					.1292						.1063				
-3.56700		.1099						.0570							
-3.54600															.1053
-2.86000					.0749										
-2.83900													.1301		
-2.15300		.1554													
-2.13200										.1345					.1424
-1.42500							.1326						.1387		
-.71800										.1347					.1265
-.70700	.1608														
-.01100													.1060		
.00000				.1566											
.69700															.0311
.70700	.1570														
.72800									.1185						
1.43500						.0658						.0842			
2.14300			.0477						.1208					.1198	
2.85000						.0697						.0860			
3.55700			.0771						.1091					-.0075	
4.26400						-.0228						-.0742			
4.97100									.0039						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.1104		
-2.13200			.1065	
-1.42500		.1255		.0947
-.71800			.0788	
-.01100		.0892		

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS67)

MACH (1) = 1.050 RN/L (1) = 5.958

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.0626			

MACH (2) = 1.101 RN/L (1) = 6.002 P = 1354.4 PT = 2894.9 TTF = 99.783 Q = 1148.9

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400															
-3.55700										.0274			-.0084		-.0030
-2.85000							.0012						-.0004		
-2.14300				.0325						.0684					.0647
-1.43500							.0348						.0181		
-.72800										.0355					.0534
-.69700					.0701								.0417		
.01100			.1434				.1481								
.71800		.1736			.1767						.1879				
1.42500	.1708		.1786				.1910							.1781	
2.13200		.1456			.1753						.1855				
2.83900			.1539				.1642								
2.86000															
3.54600															.1573
3.56700					.1517										
4.27400												.0905			
4.98200									.0661						.0937
5.68900												.0644			
															-.0170

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														-.0134	
-4.27400											-.0186				
-3.56700								-.0063						-.0225	
-3.55700		-.0282									.0213				
-2.86000															
-2.85000														.0508	
-2.14300		.0507			.0505										
-2.12100															
-1.41400										.1039					
-.70700				.1049			.1030						.1253		
.00000	.1283									.1448					
.70700				.2299			.1932						.1470		
										.1879					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS67)

MACH (2) = 1.101 RN/L (1) = 6.002

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							.2183								
2.12100													.1623		
2.15300			.1875							.2156					
2.85000															
2.86000						.1769									.1252
3.56700			.1412						.1274						
4.27400						.1092						.0645			
4.98200			.0682						.0529						
5.68900						.0107									
6.39600			.0107												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0466													
-5.68900					-.0102										
-4.98200		.0055						-.0368							
-4.27400					-.0074						-.0124				
-3.56700		-.0181						-.0543							
-3.54600															
-2.86000					.0085										-.0099
-2.83900															
-2.15300		.0738											.0665		
-2.13200															
-1.42500							.0554			.0628					.0660
-.71800													.0501		
-.70700	.1319									.0524					.0465
-.01100															
.00000				.1199									.0999		
.69700															
.70700	.1416														.0936
.72800															
1.43500						.1475			.1712						
2.14300			.1395									.1564			
2.85000									.1818					.1803	
3.55700			.1409			.1412						.1488			
4.26400									.1627					.0701	
4.97100						.0479						.0066			
									.0663						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0517		
-2.13200			.0321	
-1.42500		.0390		.0156

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS67)

MACH (2) = 1.101 RN/L (1) = 6.002

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			-.0105	
-.01100		.0645		
2.85000	.1301			

MACH (3) = 1.248 RN/L (1) = 5.969 P = 1113.2 PT = 2874.3 TTF = 102.10 Q = 1212.8

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0252				
-4.26400									.0318					.0015	
-3.55700							-.0041				-.0112				
-2.85000					-.0227				.0060					-.0142	
-2.14300							-.0113				-.0282				
-1.43500									-.0139					.0411	
-.72800											-.0155				
-.69700						-.0004									
.01100			-.0145					-.0253							
.71800		.0036				-.0072						-.0127			
1.42500	-.0004		-.0014					-.0028						-.0198	
2.13200		-.0198				.0015						-.0011			
2.83900			.0085					.0140							
2.86000															-.0015
3.54600						.0152									
3.56700													.0536		
4.27400										.1986					.2054
4.98200													.2168		
5.68900															.1744

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0395	
-4.98200											-.0339				
-4.27400								-.0178						-.0270	
-3.56700											.0122				
-3.55700		-.0275													
-2.86000														-.0174	
-2.85000					-.0223										
-2.14300		-.0092													
-2.12100										.0448					
-1.41400							.0475						.0486		
-.70700				.0467						.0502					

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS67)

MACH (3) = 1.248 RN/L (1) = 5.969

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.0484						.0537						.0522		
.70700				.0566						.0575					
1.41400							.0579						.0511		
2.12100										.0570					
2.15300			-.0274												
2.85000															-.0358
2.86000						.0022									
3.56700			.0960						.1125						
4.27400						.2343						.2312			
4.98200			.2248						.2169						
5.68900						.1824									
6.39600			.1741												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0716													
-5.68900					-.0281										
-4.98200		.0021						-.0239							
-4.27400					.0010						-.0202				
-3.56700		-.0391						-.0788							
-3.54600															-.0190
-2.86000					-.0631										
-2.83900													.0004		
-2.15300		.0231													
-2.13200										-.0003					.0184
-1.42500							.0006						.0062		
-.71800										.0044					-.0157
-.70700	.0515														
-.01100													-.0309		
.00000				.0489											
.69700															-.1102
.70700	.0512														
.72800									-.0314						
1.43500						-.0671						-.0542			
2.14300			-.0492						-.0102					.0037	
2.85000						-.0096						-.0045			
3.55700			.0767						.0823					-.0181	
4.26400						.1925						.1506			
4.97100									.2115						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0101		

OA-252 (P45+A+S) SURFACE PRESS ON 45 DEG PANEL (R3TS67)

MACH (3) = 1.248 RN/L (1) = 5.969

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			-.0153	
-1.42500		-.0084		-.0347
-.71800			-.0769	
-.01100		-.0333		
2.85000	.0046			

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS68) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.047 RN/L (1) = 2.004 P = 452.65 PT = 906.01 TTF = 69.209 Q = 347.39

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											.0256				
-4.26400								.0541						.0402	
-3.56700						.0545					.0577				
-2.85000				.0602				.0841						.0890	
-2.14300						.0923					.0963				
-1.43500								.1085						.1496	
-.72800											.1288				
-.69700					.1081										
.01100			.0866				.0822								
.71800		.0915			.0785					.0351					
1.42500	.0911		.0846				.0712						.0055		
2.13200		.0801			.0822					.0684					
2.83900			.0838				.0826								
2.86000															.0627
3.54600					.0838										
3.56700												.0688			
4.27400									.0749						.0911
4.98200												.0854			
5.68900															.0781

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														.0152	
-4.98200											.0350				
-4.27400								.0568						.0469	
-3.56700											.0893				
-3.55700		.0614													
-2.86000														.1049	
-2.85000					.1045										
-2.14300		.1337													
-2.12100										.0618					
-1.41400							.1018						.0281		
-.70700				.1470						.0512					
.00000	.1603						.0485						.0359		
.70700				.0563						.0441					
1.41400							.0854						.1411		
2.12100										.2282					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS68)

MACH (1) = 1.047 RN/L (1) = 2.004

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			.0387												
2.85000															.0735
2.86000						.0708									
3.56700			.0806						.0838						
4.27400						.0903						.0777			
4.98200			.0932						.0911						
5.68900						.0919									
6.39600			.1114												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		.0506													
-5.68900					.0156										
-4.98200		.0428						.0263							
-4.27400					.0510						.0333				
-3.56700		.0543						.0420							
-3.54600															.0363
-2.86000					.0543										
-2.83900													.0624		
-2.15300		.0884													
-2.13200										.0832					.0738
-1.42500							.0763						.0848		
-.71800										.0922					.0848
-.70700	.0430														
-.01100													.0893		
.00000				.0802											
.69700															.0436
.70700	.0816														
.72800									.0914						
1.43500						.0906						.0906			
2.14300			.0748						.1019					.1052	
2.85000						.0962						.0954			
3.55700			.0910						.1035					.0752	
4.26400						.0687						.0654			
4.97100									.0881						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0502		
-2.13200			.0571	
-1.42500		.0808		.0596
-.71800			.0714	
-.01100		.0730		

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS68)

MACH (1) = 1.047 RN/L (1) = 2.004

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.0942			

MACH (2) = 1.101 RN/L (1) = 1.989 P = 417.29 PT = 892.57 TTF = 69.907 Q = 354.35

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0363				
-4.26400								.0579						.0483	
-3.55700						.0423					.0423				
-2.85000				.0355				.0523						.0655	
-2.14300						.0591					.0750				
-1.43500								.0930						.1281	
-.72800											.1038				
-.69700					.0778										
.01100			.0886				.0826								
.71800		.0974			.0966					.0460					
1.42500	.1013		.1025				.0926						.0313		
2.13200		.1025			.1049					.0946					
2.83900			.1089				.1065								
2.86000															.1097
3.54600					.1089										
3.56700												.0922			
4.27400									.0822						.1018
4.98200												.0926			
5.68900															.0715

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0357	
-4.98200											.0507				
-4.27400								.0592						.0555	
-3.56700											.0822				
-3.55700		.0463													
-2.86000														.0874	
-2.85000					.0858										
-2.14300		.1022													
-2.12100										.0584					
-1.41400							.0823						.0178		
-.70700				.1169						.0418					
.00000	.1216						.0368						.0318		
.70700				.0430						.0411					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS68)

MACH (2) = 1.101 RN/L (1) = 1.989

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							.0792						.1177		
2.12100										.2066					
2.15300			.0719												
2.85000															.0996
2.86000					.1057										
3.56700			.1085						.1057						
4.27400					.1081							.0828			
4.98200			.0958						.0870						
5.68900					.0754										
6.39600			.0798												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600			.0608												
-5.68900					.0337										
-4.98200			.0563					.0454							
-4.27400					.0576						.0442				
-3.56700			.0475					.0277							
-3.54600															.0326
-2.86000					.0386										
-2.83900													.0406		
-2.15300			.0717												
-2.13200										.0478					.0486
-1.42500							.0486						.0546		
-.71800										.0698					.0746
-.70700	.0507														
-.01100													.0943		
.00000				.0622											
.69700															.0682
.70700	.0761														
.72800									.1143						
1.43500					.1000							.1143			
2.14300			.0988						.1227					.1215	
2.85000					.1124							.1159			
3.55700			.1143						.1199					.0921	
4.26400					.0857							.0710			
4.97100									.0905						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0298		
-2.13200			.0310	
-1.42500		.0478		.0354

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS68)

MACH (2) = 1.101 RN/L (1) = 1.989

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			.0518	
-.01100		.0726		
2.85000	.1128			

MACH (3) = 1.253 RN/L (1) = 2.028 P = 346.56 PT = 901.06 TTF = 88.860 Q = 380.73

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0087				
-4.26400								.0232						.0084	
-3.55700						.0110					.0076				
-2.85000				.0050				.0165						.0136	
-2.14300						.0080					.0020				
-1.43500								.0072						.0221	
-.72800											.0020				
-.69700					.0132										
.01100			.0054				.0039								
.71800		.0128			.0095					.0091					
1.42500	.0147		.0165				.0184						.0084		
2.13200		.0147			.0291					.0403					
2.83900			.0455				.0577								
2.86000															.0568
3.54600					.0781										
3.55700												.0885			
4.27400									.1353						.1572
4.98200												.1702			
5.68900															.1546

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0020	
-4.98200											.0118				
-4.27400								.0148						.0118	
-3.56700											.0306				
-3.55700		.0058													
-2.86000														.0343	
-2.85000					.0218										
-2.14300		.0180													
-2.12100										.0267					
-1.41400							.0045						.0307		
-.70700				-.0077						-.0048					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS68)

MACH (3) = 1.253 RN/L (1) = 2.028

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
.00000	-.0041						-.0091						-.0094		
.70700				.0095						-.0023					
1.41400							.0436						.0160		
2.12100										.1156					
2.15300			.0365												
2.85000															.0591
2.86000						.0429									
3.56700			.1034						.0974						
4.27400						.1513						.1398			
4.98200			.1754						.1591						
5.68900						.1520									
6.39600			.1431												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		.0517													
-5.68900					.0020										
-4.98200		.0144						.0080							
-4.27400					.0200						.0103				
-3.56700		.0103						-.0033							
-3.54600															.0076
-2.86000					.0088										
-2.83900													.0136		
-2.15300		.0456													
-2.13200										.0225					.0222
-1.42500							.0300						.0252		
-.71800										.0285					.0196
-.70700	.0253														
-.01100													.0158		
.00000				.0167											
.69700															-.0245
.70700	-.0084														
.72800									-.0035						
1.43500						-.0035						-.0012			
2.14300			.0173						.0262					.0188	
2.85000						.0640						.0488			
3.55700			.1044						.1025					.0633	
4.26400						.1392						.1225			
4.97100									.1566						

X \ Y	4.97100	4.98200	5.68900	6.39600
-2.83900		.0076		

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3T5-50)

MACH (3) = 1.253 RN/L (1) = 2.028

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	6.68900	6.39600
X				
-2.13200			.0031	
-1.42500		.0140		.0020
-.71800			.0002	
-.01100		-.0028		
2.85000	.0358			

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS69) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .901 RN/L (1) = 4.500 P = 1274.5 PT = 2157.2 TTF = 74.475 Q = 723.70

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											.0706				
-4.26400								.1121						.0906	
-3.55700						.0900					.0974				
-2.85000				.0838				.1123						.1226	
-2.14300						.1257					.1207				
-1.43500								.1315						.1851	
-.72800											.1630				
-.69700					.1205										
.01100			.1100				.0935								
.71800		.1133			.1051					.0448					
1.42500	.1125		.1180				.1046						.0298		
2.13200		.1308			.1259					.1055					
2.83900			.1424				.1352								
2.86000															.1213
3.54600					.1593										
3.56700												.1263			
4.27400									.1396						.1610
4.98200												.1746			
5.68900															.1816

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														.0605	
-4.98200											.0718				
-4.27400								.0911						.0818	
-3.56700											.1315				
-3.55700		.0908													
-2.86000														.1335	
-2.85000					.1323										
-2.14300		.1529													
-2.12100										.0953					
-1.41400							.1279						.0507		
-.70700				.1680						.0750					
.00000	.2051						.0753						.0575		
.70700				.0770						.0755					
1.41400							.1134						.1673		
2.12100										.2693					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3T669)

MACH (1) = .901 RN/L (1) = 4.500

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
2.15300			.0695												
2.85000															.1072
2.86000					.1263										
3.56700			.1458						.1466						
4.27400					.1727							.1551			
4.98200			.1777						.1861						
5.68900					.1859										
6.39600			.1999												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		.0238													
-5.68900					.0520										
-4.98200		.0871						.0671							
-4.27400					.0974						.0742				
-3.56700		.0891						.0569							
-3.54600															.0895
-2.86000					.0693										
-2.83900													.1040		
-2.15300		.1164													
-2.13200										.1020					.1130
-1.42500							.0921						.1071		
-.71800										.1148					.1197
-.70700	.0669														
-.01100													.1132		
.00000				.1087											
.69700															.0633
.70700	.1192														
.72800									.1072						
1.43500						.1011						.1107			
2.14300			.1039						.1437					.1425	
2.85000						.1324						.1453			
3.55700			.1665						.1694					.1394	
4.26400						.1573						.1317			
4.97100									.1772						

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		.0872		
-2.13200			.0919	
-1.42500		.1062		.0999
-.71800			.0903	
-.01100		.0887		

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS69)

MACH (1) = .901 RN/L (1) = 4.500

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.1459			

MACH (2) = 1.050 RN/L (1) = 4.522 P = 1034.7 PT = 2078.7 TTF = 76.216 Q = 798.72

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0212				
-4.26400									.0565					.0422	
-3.55700							.0499				.0565				
-2.85000				.0616					.0846					.0934	
-2.14300							.0919				.0970				
-1.43500									.1038					.1605	
-.72800											.1327				
-.69700					.1170										
.01100			.0906				.0811								
.71800		.0887			.0776					.0238					
1.42500	.0822		.0836				.0651						-.0015		
2.13200		.0718			.0785					.0570					
2.83900			.0767				.0705								
2.86000															.0642
3.54600					.0793										
3.56700												.0458			
4.27400								.0412							.0624
4.98200												.0589			
5.68900															.0433

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0016	
-4.98200											.0174				
-4.27400								.0428						.0332	
-3.56700											.0839				
-3.55700		.0591													
-2.86000														.0955	
-2.85000					.1066										
-2.14300		.1278													
-2.12100										.0685					
-1.41400							.1079						.0410		
-.70700				.1508						.0514					
.00000	.1729						.0501						.0381		
.70700				.0601						.0533					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS69)

MACH (2) = 1.050 RN/L (1) = 4.522

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							.0890								
2.12100													.1463		
2.15300			.0421							.2426					
2.85000															.0393
2.86000						.0728									
3.56700			.0654						.0592						
4.27400						.0693						.0476			
4.98200			.0663						.0562						
5.68900						.0525									
6.39600			.0830												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0326													
-5.68900					.0037										
-4.98200		.0370						.0135							
-4.27400					.0432						.0194				
-3.56700		.0464						.0197							
-3.54600															.0417
-2.86000					.0407										
-2.83900													.0658		
-2.15300		.0891													
-2.13200										.0821					.0837
-1.42500							.0729						.0805		
-.71800										.0892					.0859
-.70700	.0456														
-.01100													.0839		
.00000				.0876											
.69700															.0417
.70700	.0903														
.72800									.0932						
1.43500						.0794						.0872			
2.14300			.0622						.1013					.1041	
2.85000						.0749						.0830			
3.55700			.0780						.0982					.0565	
4.26400						.0407						.0248			
4.97100									.0692						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0541		
-2.13200			.0594	
-1.42500		.0734		.0665

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS89)

MACH (2) = 1.050 RN/L (1) = 4.522

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			.0592	
-.01100		.0637		
2.85000	.0890			

MACH (3) = 1.100 RN/L (1) = 4.505 P = 966.13 PT = 2063.1 TTF = 70.026 Q = 818.43

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0176				
-4.26400									.0472					.0368	
-3.55700							.0317				.0392				
-2.85000					.0238				.0590					.0676	
-2.14300							.0580				.0611				
-1.43500									.0791					.1414	
-.72800											.1070				
-.69700						.0948									
.01100				.0907				.0811							
.71800			.1048			.0965				.0420					
1.42500		.1014		.1024				.0857					.0278		
2.13200			.1026			.1039				.0850					
2.83900				.1089				.1019							
2.86000															.0952
3.54600						.1055									
3.56700												.0832			
4.27400										.0756					.1025
4.98200												.0952			
5.68900															.0637

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0106	
-4.98200											.0197				
-4.27400								.0423						.0354	
-3.56700											.0740				
-3.55700		.0403													
-2.86000														.0809	
-2.85000					.0833										
-2.14300		.1036													
-2.12100										.0675					
-1.41400							.0929						.0255		
-.70700				.1305						.0462					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS69)

MACH (3) = 1.100 RN/L (1) = 4.505

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.1406						.0438						.0337		
.70700				.0495						.0445					
1.41400							.0814						.1273		
2.12100										.2174					
2.15300			.0745												
2.85000															.0939
2.86000						.1083									
3.56700			.1158						.1025						
4.27400						.1094						.0821			
4.98200			.0933						.0887						
5.68900						.0709									
6.39600			.0716												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0464													
-5.68900					-.0012										
-4.98200		.0267						.0096							
-4.27400					.0336						.0157				
-3.56700		.0357						.0030							
-3.54600															.0262
-2.86000					.0197										
-2.83900													.0419		
-2.15300		.0677													
-2.13200										.0533					.0530
-1.42500							.0481						.0557		
-.71800										.0679					.0597
-.70700	.0505														
-.01100													.0826		
.00000				.0659											
.69700															.0599
.70700	.0769														
.72800									.1075						
1.43500						.1072						.1089			
2.14300			.0938						.1283					.1210	
2.85000						.1107						.1141			
3.55700			.1175						.1263					.0831	
4.26400						.0782						.0569			
4.97100									.0879						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0328		

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS69)

MACH (3) = 1.100 RN/L (1) = 4.505

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			.0294	
-1.42500		.0445		.0335
-.71800			.0360	
-.01100		.0628		
2.85000	.1082			

MACH (4) = 1.252 RN/L (1) = 4.463 P = 782.95 PT = 2033.4 TTF = 76.999 Q = 659.00

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.88000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0027				
-4.26400							.0258							.0022	
-3.55700						.0014					.0047				
-2.85000				-.0034			.0163							.0062	
-2.14300						.0048					-.0096				
-1.43500							.0125							.0507	
-.72800											.0219				
-.69700					.0199										
.01100			.0055				.0032								
.71800		.0076			.0119					-.0250					
1.42500	.0120		.0102				-.0163						-.0425		
2.13200		-.0016			-.0065					-.0037					
2.83900			.0038				-.0063								
2.86000															.0181
3.54600					.0336										
3.56700												.0529			
4.27400									.1272						.1376
4.98200												.1745			
5.68900															.1630

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0082	
-4.98200											.0009				
-4.27400							.0044							-.0028	
-3.56700											.0222				
-3.55700		-.0017													
-2.86000														.0232	
-2.85000					.0094										
-2.14300		.0250													
-2.12100										.0154					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS69)

MACH (4) = 1.252 RN/L (1) = 4.463

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-1.41400							.0307						-.0227		
-.70700				.0451						-.0036					
.00000	.0281						-.0106						-.0100		
.70700				-.0084						-.0092					
1.41400							.0237						.0377		
2.12100										.1190					
2.15300			-.0003												
2.85000															.0162
2.86000						.0112									
3.56700			.0841						.0521						
4.27400						.1208						.1118			
4.98200			.1668						.1546						
5.68900						.1548									
6.39600			.1624												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0571													
-5.68900					-.0086										
-4.98200		.0130						-.0051							
-4.27400					.0077						-.0099				
-3.56700		-.0160						-.0258							
-3.54600															-.0024
-2.86000					-.0180										
-2.83900													.0063		
-2.15300		.0173													
-2.13200										.0159					.0225
-1.42500							.0024						.0156		
-.71800										.0037					-.0004
-.70700	.0008														
-.01100													-.0029		
.00000				-.0042											
.69700															-.0473
.70700	.0056														
.72800									.0148						
1.43500						-.0183						.0044			
2.14300			-.0166						.0240					.0165	
2.85000						.0368						.0221			
3.55700			.0748						.0729					.0355	
4.26400						.1355						.0963			
4.97100									.1499						

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS89)

MACH (4) = 1.252 RN/L (1) = 4.463

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0009		
-2.13200			-.0031	
-1.42500		.0005		-.0122
-.71800			-.0176	
-.01100		-.0235		
2.85000	.0188			

MACH (5) = 1.403 RN/L (1) = 4.498 P = 662.71 PT = 2118.9 TTF = 86.287 Q = 912.65

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400												-.0019			
-3.55700								.0253						-.0002	
-2.85000						.0031						-.0045			
-2.14300				-.0091				.0025						-.0154	
-1.43500						-.0068						-.0248			
-.72800								.0091						.0359	
-.69700												.0166			
.01100					.0092										
.71800			-.0044				.0079								
1.42500		.0069			.0153					-.0216					
2.13200	.0079		.0109				.0003						-.0370		
2.83900		-.0031			-.0090					-.0148					
2.86000			-.0053				-.0159								
3.54600															-.0129
3.56700					-.0044										
4.27400											-.0225				
4.98200									-.0211						-.0154
5.68900											-.0072				
															-.0038

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														-.0083	
-4.27400											-.0068				
-3.56700								-.0085						-.0269	
-3.55700		-.0159									.0080				
-2.86000															
-2.85000					-.0005									.0123	
-2.14300		.0190													

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3T669)

MACH (5) = 1.403 RN/L (1) = 4.498

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0037					
-1.41400							.0219						-.0333		
-.70700				.0360						-.0185					
.00000	.0213						-.0236						-.0219		
.70700				-.0161						-.0145					
1.41400							.0156						.0308		
2.12100										.1185					
2.15300			-.0160												
2.85000															-.0187
2.86000						-.0242									
3.56700			-.0087						-.0347						
4.27400						-.0123						-.0149			
4.98200			-.0033						-.0020						
5.68900						.0033									
6.39600			.0437												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0499													
-5.68900					-.0055										
-4.98200		.0035						-.0080							
-4.27400					-.0060						-.0147				
-3.56700		-.0287						-.0336							
-3.54600															-.0089
-2.86000					-.0280										
-2.83900													-.0130		
-2.15300		.0091													
-2.13200										.0008					.0062
-1.42500							.0008						.0111		
-.71800										-.0006					-.0013
-.70700	-.0052														
-.01100													-.0111		
.00000				-.0043											
.69700															-.0546
.70700	-.0021														
.72800									-.0091						
1.43500					-.0125							.0084			
2.14300			-.0185						.0190					.0146	
2.85000					.0021							.0064			
3.55700			-.0094						.0181					-.0042	
4.26400					-.0048							-.0208			
4.97100									-.0165						

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS69)

MACH (5) = 1.403 RN/L (1) = 4.498

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0170		
-2.13200			-.0092	
-1.42500		.0025		-.0085
-.71800			-.0171	
-.01100		-.0266		
2.85000	.0081			

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS70) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.051 RN/L (1) = 6.031 P = 1396.9 PT = 2808.6 TTF = 81.605 Q = 1079.7

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0112				
-4.26400								.0562						.0359	
-3.55700						.0428					.0548				
-2.85000				.0627				.0801						.0953	
-2.14300						.1017					.0970				
-1.43500								.1113						.1628	
-.72800											.1394				
-.69700					.1195										
.01100			.0925				.0784								
.71800		.0907			.0797					.0322					
1.42500	.0903		.0864				.0661						.0129		
2.13200		.0842			.0812					.0654					
2.83900			.0865				.0818								
2.86000															.0688
3.54600					.0953										
3.56700												.0650			
4.27400									.0636						.0807
4.98200												.0986			
5.68900															.0734

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0058	
-4.98200											.0142				
-4.27400								.0433						.0252	
-3.56700											.0863				
-3.55700		.0587													
-2.86000														.0965	
-2.65000					.1082										
-2.14300		.1308													
-2.12100										.0726					
-1.41400							.1144						.0300		
-.70700				.1485						.0575					
.00000	.1748						.0495						.0398		
.70700				.0590						.0517					
1.41400							.0918						.1525		
2.12100										.2711					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS70)

MACH (1) = 1.051 RN/L (1) = 6.031

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			.0429												
2.85000															.0619
2.86000						.0659									
3.56700			.0786						.0713						
4.27400						.0810						.0768			
4.98200			.0830						.0815						
5.68900						.0871									
6.39600			.1188												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0610													
-5.68900					-.0089										
-4.98200		.0273						.0095							
-4.27400					.0354						.0318				
-3.56700		.0404						.0202							
-3.54600															.0404
-2.86000					.0481										
-2.83900													.0721		
-2.15300		.0889													
-2.13200										.0804					.0906
-1.42500							.0742						.0846		
-.71800										.0892					.0891
-.70700	.0567														
-.01100													.0876		
.00000				.0944											
.69700															.0446
.70700	.0982														
.72800									.1016						
1.43500						.0758						.0911			
2.14300			.0731						.1096					.1048	
2.85000						.0867						.0907			
3.55700			.1006						.1091					.0752	
4.26400						.0745						.0545			
4.97100									.0898						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0546		
-2.13200			.0617	
-1.42500		.0794		.0703
-.71800			.0683	
-.01100		.0639		

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS70)

MACH (1) = 1.051 RN/L (1) = 6.031

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.1003			

MACH (2) = 1.100 RN/L (1) = 6.012 P = 1299.3 PT = 2774.6 TTF = 81.258 Q = 1100.7

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100													.0370		
-4.26400										.0838				.0441	
-3.55700							.0282						.0370		
-2.85000					.0172					.0513				.0593	
-2.14300							.0574						.0551		
-1.43500										.0880				.1298	
-.72800													.1023		
-.69700						.0965									
.01100			.0915					.0818							
.71800		.1058				.0932					.0397				
1.42500	.1098		.1082					.0928						.0288	
2.13200		.1098				.1052					.0958				
2.83900			.1149					.1054							
2.86000															.1070
3.54600						.1146									
3.56700												.0987			
4.27400									.0904						.1098
4.98200												.1004			
5.68900															.0704

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0226	
-4.98200											.0395				
-4.27400								.0471						.0395	
-3.56700											.0723				
-3.55700		.0487													
-2.86000														.0779	
-2.85000						.0804									
-2.14300		.0980													
-2.12100										.0666					
-1.41400							.0940						.0202		
-.70700				.1349						.0467					
.00000	.1436						.0384						.0307		
.70700				.0460						.0456					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS70)

MACH (2) = 1.100 RN/L (1) = 6.012

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							.0796								
2.12100													.1222		
2.15300			.0809							.2172					
2.85000															
2.86000					.1083										.1024
3.56700			.1155						.1083						
4.27400					.1123							.0906			
4.98200			.0955						.0903						
5.68900					.0706										
6.39600			.0738												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0377													
-5.68900					.0187										
-4.98200		.0480						.0207							
-4.27400					.0481										
-3.56700		.0342								.0238					
-3.54600								.0123							
-2.86000															.0336
-2.83900					.0302										
-2.15300		.0650											.0433		
-2.13200															
-1.42500										.0513					.0532
-.71800							.0460						.0562		
-.70700	.0549									.0658					.0614
-.01100															
.00000													.0887		
.69700				.0682											
.70700	.0713														.0573
.72800															
1.43500									.1157						
2.14300					.0986							.1124			
2.85000			.1031						.1316					.1267	
3.55700					.1171							.1197			
4.26400			.1231						.1341					.0927	
4.97100					.0790							.0606			
									.0894						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0289		
-2.13200			.0222	
-1.42500		.0430		.0381

OA-252 (P05+S) SURFACE PRESS ON 45 DEG PANEL (R3TS70)

MACH (2) = 1.100 RN/L (1) = 6.012

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			.0432	
-.01100		.0650		
2.85000	.1171			

MACH (3) = 1.248 RN/L (1) = 5.872 P = 1060.9 PT = 2740.7 TTF = 81.987 Q = 1156.6

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											-.0057				
-3.55700								.0357						.0003	
-2.85000						-.0008					-.0031				
-2.14300				-.0083				.0157						.0064	
-1.43500						.0066					-.0118				
-.72800								.0058						.0686	
-.69700					.0283						.0260				
.01100			.0190				.0070								
.71800		.0100			.0080					-.0289					
1.42500	.0138		.0125				-.0050						-.0317		
2.13200		.0026			-.0029					.0078					
2.83900			.0033				.0091								
2.86000															.0533
3.54600					.0276										
3.56700												.0641			
4.27400									.1297						.1555
4.98200												.1843			
5.68900															.1585

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														-.0193	
-4.27400											-.0146				
-3.56700								-.0005						-.0076	
-3.55700		-.0135									.0266				
-2.86000															
-2.85000														.0157	
-2.14300		.0382			.0161										
-2.12100															
-1.41400							.0374			.0272					
-.70700				.0623						-.0064			-.0171		

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS70)

MACH (3) = 1.248 RN/L (1) = 5.972

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.0412						-.0056						-.0081		
.70700				.0007						-.0099					
1.41400							.0261						.0549		
2.12100										.1155					
2.15300			.0049												
2.85000															.0159
2.86000						..0210									
3.56700			.0937						.0542						
4.27400						.1408						.1436			
4.98200			.1676						.1700						
5.68900						.1570									
6.39600			.1614												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0390													
-5.68900					-.0259										
-4.98200		.0032						-.0218							
-4.27400					.0016						-.0240				
-3.56700		-.0258						-.0499							
-3.54600															-.0021
-2.86000					-.0377										
-2.83900													.0063		
-2.15300		.0183													
-2.13200										.0109					.0139
-1.42500							.0024						.0172		
-.71800										.0112					-.0047
-.70700	.0094														
-.01100													-.0059		
.00000				.0044											
.69700															-.0537
.70700	.0191														
.72800									.0079						
1.43500						-.0179						-.0033			
2.14300			-.0124						.0293					.0212	
2.85000						.0389						.0222			
3.55700			.1135						.0829					.0678	
4.26400						.1386						.1116			
4.97100									.1649						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0015		

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3T570)

MACH (3) = 1.248 RN/L (1) = 5.972

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			-.0052	
-1.42500		-.0002		-.0069
-.71800			-.0162	
-.01100		-.0257		
2.85000	.0365			

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS71) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.052 RN/L (1) = 6.049 P = 1398.3 PT = 2814.2 TTF = 81.223 Q = 1082.5

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100															
-4.26400											.0098				
-3.55700							.0570							.0410	
-2.85000					.0525						.0572				
-2.14300				.0804			.0906							.0836	
-1.43500					.1027						.1032				
-.72800							.1176							.1599	
-.69700											.1318				
.01100				.1201											
.71800			.0952			.0817									
1.42500		.0965		.0851					.0314						
2.13200	.0923		.0901			.0760							.0002		
2.83900		.0848		.0838					.0669						
2.86000			.0982			.0770									
3.54600															.0712
3.56700				.1018											
4.27400												.0680			
4.98200								.0594							.0777
5.68900												.0915			
															.0965

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900															
-4.98200														-.0078	
-4.27400											.0221				
-3.56700							.0436							.0381	
-3.55700		.0634									.0894				
-2.86000															
-2.85000														.1008	
-2.14300		.1323			.1089										
-2.12100															
-1.41400										.0708					
-.70700				.1510			.1138						.0384		
.00000	.1748									.0590					
.70700				.0621			.0527						.0427		
1.41400										.0495					
2.12100							.0948						.1574		
										.2587					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS71)

MACH (1) = 1.052 RN/L (1) = 6.048

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			.0406												
2.85000															.0624
2.86000						.0686									
3.56700			.0788						.0740						
4.27400						.0914						.0703			
4.98200			.0881						.0880						
5.68900						.0889									
6.39600			.1100												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0630													
-5.68900					-.0070										
-4.98200		.0310						.0086							
-4.27400					.0440						.0166				
-3.56700		.0467						.0231							
-3.54600															.0402
-2.86000					.0531										
-2.83900													.0742		
-2.15300		.0860													
-2.13200										.0894					.0845
-1.42500							.0757						.0897		
-.71800										.0956					.0896
-.70700	.0551														
-.01100													.0917		
.00000				.0947											
.69700															.0530
.70700	.0972														
.72800									.0995						
1.43500						.0853						.0934			
2.14300			.0757						.1121					.1087	
2.85000						.0879						.1020			
3.55700			.0983						.1138					.0819	
4.26400						.0795						.0564			
4.97100									.0865						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0557		
-2.13200			.0857	
-1.42500		.0792		.0718
-.71800			.0704	
-.01100		.0664		

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS71)

MACH (1) = 1.052 RN/L (1) = 6.048

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	4.97100	4.98200	5.68900	6.39600
2.85000	.1011			

MACH (2) = 1.251 RN/L (1) = 6.027 P = 1071.5 PT = 2778.9 TTF = 83.861 Q = 1173.6

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100															
-4.26400											-.0156				
-3.55700							.0216							.0001	
-2.85000					-.0016						-.0013				
-2.14300				-.0118			.0074							.0035	
-1.43500					.0026						-.0154				
-.72800							.0019							.0482	
-.69700											.0084				
.01100			.0010		.0113										
.71800		-.0002				.0029									
1.42500	.0046		.0011		.0010					-.0254					
2.13200		-.0002				-.0135							-.0395		
2.83900			-.0012		-.0108					-.0135					
2.86000						-.0084									
3.54600															.0025
3.56700					.0087										
4.27400												.0326			
4.98200									.1156						.1362
5.68900												.1763			
															.1770

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900															
-4.98200														-.0224	
-4.27400											-.0083				
-3.56700								-.0023						-.0103	
-3.55700		-.0085									.0215				
-2.86000															
-2.85000														.0103	
-2.14300		.0211			.0096										
-2.12100															
-1.41400										.0178					
-.70700							.0229						-.0225		
.00000	.0178									-.0120					
.70700							-.0184						-.0107		
				-.0085						-.0151					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS71)

MACH (2) = 1.251 RN/L (1) = 6.027

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
1.41400							.0183						.0357		
2.12100										.1085					
2.15300			-.0158												
2.85000															.0081
2.86000						.0112									
3.56700			.0801						.0511						
4.27400						.1327						.1202			
4.98200			.1722						.1650						
5.68900						.1691									
6.39600			.1741												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0732													
-5.68900					-.0192										
-4.98200		.0070						-.0161							
-4.27400					.0019						-.0166				
-3.56700		-.0231						-.0390							
-3.54600															-.0123
-2.86000					-.0272										
-2.83900													-.0056		
-2.15300		.0076													
-2.13200										.0054					.0142
-1.42500							.0007						.0077		
-.71800										.0024					-.0074
-.70700	-.0006														
-.01100													-.0183		
.00000				-.0073											
.69700															-.0744
.70700	-.0029														
.72800									-.0106						
1.43500						-.0382						-.0015			
2.14300			-.0196						.0211					.0119	
2.85000						.0253						.0193			
3.55700			.0763						.0763					.0314	
4.26400						.1355						.0955			
4.97100									.1768						

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		-.0044		
-2.13200			-.0105	
-1.42500		-.0039		-.0144

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3T87)

MACH (2) = 1.251 RN/L (1) = 6.027

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			-.0236	
-.01100		-.0303		
2.85000	.0239			

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS72) (11 APR 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LPEF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.049 RN/L (1) = 6.043 P = 1401.8 PT = 2811.4 TTF = 81.014 Q = 1079.2

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100															
-4.26400											.0173				
-3.55700								.0486						.0395	
-2.85000						.0442					.0533				
-2.14300				.0563				.0858						.0936	
-1.43500						.0962					.0989				
-.72800								.1138						.1842	
-.69700											.1319				
.01100					.1179										
.71800			.0904				.0810								
1.42500		.0867			.0762					.0328					
2.13200	.0906		.0868				.0694						.0011		
2.83900		.0787			.0853					.0657					
2.86000			.0924				.0767								
3.54600															.0706
3.56700					.0955										
4.27400												.0560			
4.98200									.0654						.0844
5.68900												.0845			
															.0863

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900															
-4.98200														-.0076	
-4.27400											.0087				
-3.56700								.0301						.0300	
-3.55700		.0585									.0838				
-2.86000															
-2.85000														.0974	
-2.14300		.1242			.1013										
-2.12100										.0682					
-1.41400							.1078								
-.70700				.1482						.0513			.0330		
.00000	.1715						.0468						.0388		
.70700				.0597						.0553					
1.41400							.0895						.1487		
2.12100										.2340					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS72)

MACH (1) = 1.049 RN/L (1) = 6.043

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			.0500												
2.85000															
2.86000					.0697										.0632
3.56700			.0738						.0733						
4.27400					.0862							.0644			
4.98200			.0824						.0865						
5.68900					.0862										
6.39600			.1094												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0646													
-5.68900					-.0078										
-4.98200		.0225						.0134							
-4.27400					.0398										
-3.56700		.0438									.0083				
-3.54600								.0170							
-2.86000															.0366
-2.83900					.0496										
-2.15300		.0841											.0695		
-2.13200															
-1.42500										.0792					.0803
-.71800							.0674						.0841		
-.70700	.0530									.0878					.0905
-.01100															
.00000				.0888									.0863		
.69700															
.70700	.0921														.0418
.72800															
1.43500									.1040						
2.14300					.0740							.0927			
2.85000			.0652						.1051					.1057	
3.55700					.0876							.0903			
4.26400			.0889						.1080					.0745	
4.97100					.0737							.0507			
									.0912						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0495		
-2.13200			.0604	
-1.42500		.0768		.0632
-.71800			.0616	
-.01100		.0667		

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS72)

MACH (1) = 1.049 RN/L (1) = 6.043

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.0937			

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS73) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	1.415	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = 1.048 RN/L (1) = 2.011 P = 451.24 PT = 904.60 TTF = 67.218 Q = 347.17

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100												-.0296			
-4.26400								.0181						-.0145	
-3.55700						.0466						.0568			
-2.85000				.0980				.1155						.1290	
-2.14300						.1339						.1408			
-1.43500								.1496						.2105	
-.72800												.1804			
-.69700					.1505										
.01100			.1205				.1176								
.71800		.1083			.1050					.0375					
1.42500	.0961		.1001				.0867						.0111		
2.13200		.0766			.0879					.0758					
2.83900			.0770				.0717								
2.86000															.0715
3.54600					.0632										
3.56700											.0369				
4.27400									.0161						.0395
4.98200											.0069				
5.68900															-.0426

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0400	
-4.98200											-.0227				
-4.27400								.0000						.0020	
-3.56700											.0981				
-3.55700		.0515													
-2.86000														.1373	
-2.85000					.1473										
-2.14300		.1771													
-2.12100										.0929					
-1.41400							.1377						.0497		
-.70700				.1928						.0811					
.00000	.1967						.0807						.0830		
.70700				.0874						.0803					
1.41400							.1189						.1822		
2.12100										.3171					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R2[illegible])

MACH (1) = 1.048 RN/L (1) = 2.011

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42900	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			.0520												
2.85000															.0465
2.86000						.0654									
3.56700			.0654						.0385						
4.27400						.0430						.0096			
4.98200			.0116						.0059						
5.68900						-.0360									
6.39600			-.0490												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		.0313													
-5.68900					-.0359										
-4.98200		-.0124						-.0380							
-4.27400					.0078						-.0165				
-3.56700		.0684						.0144							
-3.54600															.0284
-2.86000					.0750										
-2.83900													.0942		
-2.15300		.1286													
-2.13200										.1286					.1167
-1.42500							.1114						.1224		
-.71800										.1261					.1216
-.70700	.0819														
-.01100													.1229		
.00000				.1165											
.69700															.0708
.70700	.1244														
.72800									.1188						
1.43500						.1180						.1140			
2.14300			.0774						.1221					.1144	
2.85000						.0855						.0904			
3.55700			.0619						.0786					.0389	
4.26400						.0107						-.0072			
4.97100									.0140						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0648		
-2.13200			.0971	
-1.42500		.1126		.0922
-.71800			.0877	
-.01100		.1000		

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS73)

MACH (1) = 1.048 RN/L (1) = 2.011

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.0802			

MACH (2) = 1.100 RN/L (1) = 2.000 P = 422.24 PT = 901.06 TTF = 71.443 Q = 357.34

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											-.0466				
-3.55700								.0342						-.0300	
-2.85000				.0440		.0595					-.0121				
-2.14300								.0816						.0856	
-1.43500						.0694					.0634				
-.72800								.0753						.1026	
-.69700					.0945						.0967				
.01100			.1399				.1344								
.71800		.1534			.1498					.1644					
1.42500	.1407		.1542				.1648						.1565		
2.13200		.1297			.1538					.1656					
2.83900			.1332				.1471								
2.86000															.1531
3.54600					.1289										
3.56700												.1135			
4.27400									.0819						.0906
4.98200												.0527			
5.68900															-.0019

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														-.0471	
-4.27400											.1006				
-3.56700								.0902						-.0047	
-3.55700		.0939									.1150				
-2.86000															
-2.85000					.1006									.1286	
-2.14300		.0896													
-2.12100															
-1.41400										.1121					
-.70700				.1747			.0747						.1251		
.00000	.1999									.0831					
.70700				.1037			.0789						.0839		
										.0877					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R37973)

MACH (2) = 1.100 RNVL (1) = 2.000

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72600
1.41400							.1408								
2.12100										.2171			.1136		
2.15300			.1752												
2.85000															.1231
2.86000						.1381									
3.56700			.1349						.1278						
4.27400						.1005						.0623			
4.98200			.0625						.0637						
5.68900						.0127									
6.39600			-.0066												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		.0173													
-5.68900					-.0487										
-4.98200		-.0355						.0041							
-4.27400					.0473						.0333				
-3.56700		.0733						.0621							
-3.54600															.0204
-2.86000					.0878										
-2.83900													.0803		
-2.15300		.1302													
-2.13200										.0680					.0815
-1.42500							.0910						.0884		
-.71800										.1252					.0990
-.70700	.1366														
-.01100													.1275		
.00000				.1304											
.69700															.0811
.70700	.0862														
.72800								.1014							
1.43500					.0898						.1215				
2.14300			.1413					.1511						.1464	
2.85000					.1377						.1306				
3.55700			.1377					.1326						.0892	
4.26400					.0777						.0533				
4.97100								.0667							

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		.0628		
-2.13200			.0672	
-1.42500		.0732		.0446

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS73)

MACH (2) = 1.100 RN/L (1) = 2.000

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			.0605	
-.01100		.1061		
2.85000	.1156			

MACH (3) = 1.250 RN/L (1) = 2.014 P = 349.39 PT = 805.31 TTF = 73.604 Q = 382.27

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100												.0018			
-4.26400								.0263						.0130	
-3.55700						.0107						.0081			
-2.85000				.0059				.0192						.0118	
-2.14300						.0118						-.0026			
-1.43500								.0204						.0692	
-.72800												.0418			
-.69700					.0156										
.01100			.0104				.0237								
.71800		.0160			.0163					-.0287					
1.42500	.0156		.0101				-.0187						-.0516		
2.13200		.0090			-.0043					-.0047					
2.83900			.0093				.0008								
2.86000															.0341
3.54600					.0392										
3.56700											.0965				
4.27400									.1915						.1941
4.98200											.1989				
5.68900															.1693

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0104	
-4.98200											.0024				
-4.27400								.0106						.0035	
-3.56700											.0372				
-3.55700		-.0033													
-2.86000														.0364	
-2.85000					.0204										
-2.14300		.0433													
-2.12100										.0176					
-1.41400							.0361						-.0367		
-.70700				.0579						-.0121					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS73)

MACH (3) = 1.250 RN/L (1) = 2.014

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.0411														
.70700				-.0078			-.0192						-.0156		
1.41400										-.0106					
2.12100							.0275						.0532		
2.15300			-.0118							.1503					
2.85000															
2.86000						.0170									-.0064
3.56700			.1183						.0910						
4.27400						.1860						.1841			
4.98200			.1982						.1912						
5.68900						.1741									
6.39600			.1560												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		.0746													
-5.68900					.0012										
-4.98200		.0155						.0095							
-4.27400					.0135						-.0048				
-3.56700		-.0085						-.0265							
-3.54600															
-2.86000					-.0119										-.0009
-2.83900															
-2.15300		.0331											.0047		
-2.13200															
-1.42500										.0147					.0210
-.71800							.0151						.0192		
-.70700	.0040									.0080					.0039
-.01100															
.00000				.0111									-.0079		
.69700															
.70700	.0111														-.0696
.72800															
1.43500									.0014						
2.14300					-.0303							.0014			
2.85000			-.0300						.0253					.0239	
3.55700					.0287							.0253			
4.26400			.1190						.1109					.0353	
4.97100					.2023							.1813			
									.2060						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0039		

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS73)

MACH (3) = 1.250 RN/L (1) = 2.014

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			-.0068	
-1.42500		.0006		-.0154
-.71800			-.0250	
-.01100		-.0220		
2.85000	.0246			

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3T674) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	1.415	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = 1.099 RN/L (1) = 1.997 P = 422.24 PT = 900.35 TTF = 71.547 Q = 356.93

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.16300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											.0181				
-3.55700							.0082		.0213					.0118	
-2.85000				.0439							.0197				
-2.14300							.0708		.0718					.0732	
-1.43500											.0633				
-.72800									.0804					.1244	
-.69700					.0832						.1014				
.01100			.1073				.1061								
.71800		.1393			.1342					.1085					
1.42500	.1409		.1413				.1381						.0950		
2.13200		.1235			.1369					.1373					
2.83900			.1278				.1346								
2.86000															
3.54600					.1235										.1504
3.56700															
4.27400												.1084			
4.98200								.0791							.1033
5.68900												.0601			
															.0095

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														.0222	
-4.27400											.0258				
-3.56700								.0222						.0098	
-3.55700		.0118									.0623				
-2.86000															
-2.85000					.0835									.1084	
-2.14300		.1061													
-2.12100															
-1.41400										.1026					
-.70700				.1225			.1118						.0579		
.00000	.1053									.0682					
.70700				.0735			.0647						.0720		
1.41400										.0724					
2.12100							.1018						.1160		
										.2158					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS74)

MACH (1) = 1.099 RN/L (1) = 1.997

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			.1342												
2.85000															
2.86000						.1476									.1289
3.56700			.1393						.1290						
4.27400						.1112						.0815			
4.98200			.0716						.0692						
5.68900						.0217									
6.39600			.0000												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		.0936													
-5.68900					.0254										
-4.98200		.0254						.0094							
-4.27400					.0174						.0025				
-3.56700		.0174						-.0123							
-3.54600															-.0012
-2.86000					.0495										
-2.83900													.0600		
-2.15300		.0936													
-2.13200									.0743						.0692
-1.42500							.0708						.0644		
-.71800									.0696						.0557
-.70700	.0762														
-.01100													.0942		
.00000				.0762											
.69700															.1022
.70700	.0873														
.72800									.1297						
1.43500						.1289						.1557			
2.14300			.1281						.1636					.1617	
2.85000						.1411						.1403			
3.55700			.1285						.1340					.0953	
4.26400						.0720						.0530			
4.97100									.0673						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0457		
-2.13200			.0501	
-1.42500		.0525		.0445
-.71800			.0294	
-.01100		.0457		

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3T8T4)

MACH (1) = 1.089 RN/L (1) = 1.897

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.1265			

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OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3T678) (11 APR 86)

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 = .6670

PARAMETRIC DATA

HWALL = 1.383 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .900 RN/L (1) = 4.525 P = 1281.6 PT = 2167.1 TTF = 72.053 Q = 726.29

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											.0145				
-4.26400								.0570						.0288	
-3.55700						.0271					.0319				
-2.85000				.0165				.0493						.0499	
-2.14300						.0435					.0346				
-1.43500								.0570						.1313	
-.72800											.0822				
-.69700					.0502										
.01100			.0131				-.0002								
.71800		.0104			-.0047					-.0800					
1.42500	.0061		-.0022				-.0254						-.1086		
2.13200		-.0082			-.0145					-.0348					
2.83900			.0077				-.0180								
2.86000															-.0393
3.54600					-.0062										
3.56700												-.0412			
4.27400									-.0149						.0047
4.98200												.0216			
5.68900															.0182

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.0088	
-4.98200											.0152				
-4.27400								.0330						.0207	
-3.56700											.0668				
-3.55700		.0242													
-2.86000														.0639	
-2.85000					.0617										
-2.14300		.0880													
-2.12100										.0005					
-1.41400							.0495						-.0518		
-.70700				.1119						-.0190					
.00000	.1443						-.0236						-.0433		
.70700				-.0122						-.0366					
1.41400							.0251						.1057		
2.12100										.2608					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3T076)

MACH (1) = .900 RN/L (1) = 4.525

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			-.0773												
2.85000															-.0836
2.86000						-.0234									
3.56700			-.0054						-.0368						
4.27400						.0167						-.0230			
4.98200			.0175						.0163						
5.68900						.0196									
6.39600			.0448												

Y	1.41400	1.42500	1.43600	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0347													
-5.68900					-.0060										
-4.96200		.0344						.0035							
-4.27400					.0328						.0035				
-3.56700		.0100						-.0242							
-3.54600															.0280
-2.86000					-.0168										
-2.83900													.0405		
-2.15300		.0332													
-2.13200										.0387					.0510
-1.42500							.0046						.0329		
-.71800										.0268					.0185
-.70700	-.0300														
-.01100													.0033		
.00000				.0277											
.69700															-.0725
.70700	.0431														
.72800									.0086						
1.43500						-.0247						-.0139			
2.14300			-.0607						.0196					.0181	
2.85000						-.0152						.0006			
3.55700			.0022						.0208					-.0325	
4.26400						-.0309						-.0544			
4.97100									.0125						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0259		
-2.13200			.0188	
-1.42500		.0249		.0173
-.71800			-.0123	
-.01100		-.0195		

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3T875)

MACH (1) = .900 RN/L (1) = 4.525

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.0035			

MACH (2) = 1.050 RN/L (1) = 4.492 P = 1035.4 PT = 2078.7 TTF = [illegible] Q = 799.40

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.03600	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0457				
-4.26400									-.0114					-.2385	
-3.55700							-.0131				-.0149				
-2.85000					.0404				.0705					.0934	
-2.14300							.1066				.1141				
-1.43500									.1388					.1977	
-.72800											.1625				
-.69700					.1374										
.01100			.1040				.0945								
.71800		.0956			.0833					.0193					
1.42500	.0769		.0796				.0708						.0038		
2.13200		.0516			.0683					.0598					
2.83900			.0571				.0657								
2.86000															.0522
3.54600					.0527										
3.56700												.0145			
4.27400								-.0077							.0265
4.98200												-.0070			
5.68900															-.0600

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0585	
-4.98200											-.0509				
-4.27400								-.0344						-.0450	
-3.56700											.0371				
-3.55700		-.0172													
-2.86000														.1089	
-2.85000					.1203										
-2.14300		.1604													
-2.12100										.0798					
-1.41400							.1279						.0219		
-.70700				.1810						.0647					
.00000	.1781						.0543						.0497		
.70700				.0586						.0535					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3T575)

MACH (2) = 1.050 RN/L (1) = 4.492

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							.1112						.1610		
2.12100										.3335					
2.15300			.0417												
2.85000															.0201
2.86000						.0792									
3.56700			.0598						.0275						
4.27400						.0380						-.0151			
4.98200			.0025						-.0067						
5.68900						-.0522									
6.39600			-.0529												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.56700	[illegible]	[illegible]	4.27400
X															
-6.39600		-.0616													
-5.68900					-.0546										
-4.98200		-.0274						-.0577							
-4.27400					-.0214						-.0388				
-3.56700		-.0123						-.0518							
-3.54600															-.0357
-2.86000					.0216										
-2.83900														[illegible]	
-2.15300		.0986													
-2.13200										.1016					.0897
-1.42500							.0911							.1048	
-.71800										.1048					.1023
-.70700	.0947														
-.01100														.1027	
.00000				.1008											
.69700															.0549
.70700	.1059														
.72800									.1025						
1.43500						.0803						.0944			
2.14300			.0582						.1110					.0988	
2.85000						.0661						.0736			
3.55700			.0546						.0766					.0115	
4.26400						-.0161						-.0387			
4.97100									.0011						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0154		
-2.13200			.0606	
-1.42500		.0972		.0721

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3T675)

MACH (2) = 1.050 RN/L (1) = 4.492

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			.0649	
-.01100		.0791		
2.85000	.0543			

MACH (3) = 1.101 RN/L (1) = 4.534 P = 973.20 PT = 2081.5 TTF = 79.103 Q = 826.33

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54800	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0077				
-4.26400									.0268					.0094	
-3.56700							-.0065				-.0039				
-2.85000					.0371				.0883					.0787	
-2.14300							.0642				.0541				
-1.43500									.0695					.1082	
-.72800											.0879				
-.69700						.0766									
.01100			.0797					.0841							
.71800		.1181				.1161				.0831					
1.42500	.1154		.1253					.1256					.0783		
2.13200		.1018				.1266				.1243					
2.83900			.1171					.1209							
2.85000															.1373
3.34600						.1171									
3.56700												.0886			
4.27400									.0579						.0936
4.98200												.0510			
5.68900															-.0108

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0189	
-4.98200											.0055				
-4.27400									.0118					-.0132	
-3.56700											.0393				
-3.55700		-.0012													
-2.86000														.0978	
-2.85000						.0872									
-2.14300		.1016													
-2.12100										.1047					
-1.41400							.1146						.0479		
-.70700				.1153						.0636					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS75)

MACH (3) = 1.101 RN/L (1) = 4.534

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.1027						.0603						.0641		
.70700				.0684						.0702					
1.41400							.1024						.1219		
2.12100										.2160					
2.15300			.1279												
2.85000															
2.86000						.1642									.1153
3.56700			.1315						.1187						
4.27400						.1052						.0561			
4.98200			.0644						.0574						
5.68900						.0070									
6.39600			-.0028												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0580													
-5.68900					-.0081										
-4.98200		.0134						-.0208							
-4.27400					.0017						-.0242				
-3.56700		.0146						-.0409							
-3.54600															-.0057
-2.85000					.0333										
-2.83900													.0689		
-2.15300		.0875													
-2.13200										.0775					.0744
-1.42500							.0641						.0617		
-.71800										.0593					.0418
-.70700	.0793														
-.01100													.0587		
.00000				.0720											
.69700															.0724
.70700	.0839														
.72800									.1252						
1.43500						.1065						.1387			
2.14300			.1162						.1594					.1586	
2.83900						.1272						.1236			
3.55700			.1269						.1354					.0724	
4.26400						.0506						.0243			
4.97100									.0586						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0470		

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS75)

MACH (3) = 1.101 RN/L (1) = 4.534

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			.0465	
-1.42500		.0484		.0312
-.71800			.0022	
-.01100		.0333		
2.85000	.1104			

MACH (4) = 1.248 RN/L (1) = 4.453 P = 799.92 PT = 2065.2 TTF = 86.322 Q = 871.41

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0093				
-4.26400								.0283						-.0008	
-3.55700						.0047					-.0020				
-2.85000				-.0047				.0119						.0034	
-2.14300						.0069					-.0180				
-1.43500								.0119						.0684	
-.72800											.0381				
-.69700					.0226										
.01100			.0148				.0278								
.71800		.0234			.0274					-.0244					
1.42500	.0223		.0106				-.0186						-.0597		
2.13200		.0079			-.0117					-.0175					
2.83300			.0063				-.0038								
2.86000															.0316
3.54600					.0171										
3.56700												.1046			
4.27400									.2239						.1960
4.98200												.2074			
5.68900															.1743

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0249	
-4.98200											-.0092				
-4.27400								-.0017						-.0125	
-3.56700											.0297				
-3.55700		-.0073													
-2.86000														.0238	
-2.85000					.0158										
-2.14300		.0427													
-2.12100										.0095					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS75)

MACH (4) = 1.248 RN/L (1) = 4.453

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-1.41400							.0366						-.0353		
-.70700				.0698						-.0123					
.00000	.0446						-.0238						-.0204		
.70700				-.0121						-.0179					
1.41400							.0263						.0586		
2.12100										.1637					
2.15300			-.0105												
2.85000															.0023
2.83900						.0193									
3.56700			.1242						.0934						
4.27400						.1926						.1894			
4.98200			.2015						.1942						
5.68900						.1759									
6.39600			.1639												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0820													
-5.68900					-.0187										
-4.98200		.0052						-.0095							
-4.27400					.0011						-.0206				
-3.56700		-.0283						-.0466							
-3.54600															-.0140
-2.85000					-.0201										
-2.83900													-.0051		
-2.15300		.0217													
-2.13200										.0092					.0229
-1.42500							.0120						.0172		
-.71800										.0039					-.0005
-.70700	-.0041														
-.01100													-.0035		
.00000				.0053											
.69700															-.0624
.70700	.0100														
.72800									.0009						
1.43500						-.0326						-.0056			
2.14300			-.0405						.0205					.0124	
2.85000						.0175						.0277			
3.56700			.1356						.1310					.0382	
4.26400						.2087						.1873			
4.97100									.1842						

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS75)

MACH (4) = 1.248 RN/L (1) = 4.453

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	4.97100	4.98200	5.68900	6.39600
-2.83900		-.0052		
-2.13200			-.0088	
-1.42500		.0006		-.0214
-.71800			-.0264	
-.01100		-.0227		
2.85000	.0185			

MACH (5) = 1.399 RN/L (1) = 4.465 P = 668.37 PT = 2124.6 TTF = 90.994 Q = 915.94

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100															
-4.26400											-.0075				
-3.55700								.0194						-.0018	
-2.85000					-.0196		-.0029				-.0065				
-2.14300							.0031	.0110						-.0072	
-1.43500											-.0219				
-.72800								-.0015						.0593	
-.69700											.0210				
.01100						.0016									
.71800			-.0138				.0082								
1.42500	.0071	-.0056				.0188				-.0144					
2.13200			.0288				.0033						-.0544		
2.83900		.0102				-.0007				-.0164					
2.85000			-.0010				-.0081								
3.54600						.0077									-.0054
3.56700												-.0220			
4.27400									-.0203						-.0131
4.98200												-.0049			
5.68900															-.0115

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900															
-4.98200														-.0147	
-4.27400											.0120				
-3.56700								.0037						-.0170	
-3.55700		-.0081									.0246				
-2.83000															
-2.83000														.0218	
-2.14300		.0174				.0027									

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS75)

MACH (5) = 1.399 RN/L (1) = 4.465

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0228					
-1.41400							.0323						-.0409		
-.70700				.0486						-.0230					
.00000	.0287						-.0288						-.0245		
.70700				-.0168						-.0196					
1.41400							.0257						.0491		
2.12100										.1609					
2.15300			-.0092												
2.85000															-.0421
2.83900						-.0255									
3.56700			-.0065						-.0597						
4.27400						-.0201						-.0320			
4.98200			-.0154						-.0052						
5.68900						.0006									
6.39600			.1396												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0802													
-5.68900					-.0134										
-4.98200		.0021						.0010							
-4.27400					.0079						-.0165				
-3.56700		-.0262						-.0473							
-3.54600															-.0064
-2.85000					-.0355										
-2.83900													-.0123		
-2.15300		.0124													
-2.13200										-.0006					.0129
-1.42500							.0146						.0166		
-.71800										-.0009					-.0109
-.70700	.0006														
-.01100													-.0278		
.00000				-.0004											
.69700															-.0701
.70700	-.0016														
.72800									-.0039						
1.43500						-.0469						-.0091			
2.14300			-.0553						.0056					-.0012	
2.85000						-.0068						.0054			
3.55700			-.0113						.0142					-.0068	
4.26400						-.0214						-.0374			
4.97100									-.0190						

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS75)

MACH (5) = 1.399 RN/L (1) = 4.465

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83300		-.0145		
-2.13200			-.0146	
-1.42500		-.0049		-.0213
-.71900			-.0434	
-.01100		-.0540		
2.85000	.0024			

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS76) (11 APR 80)

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 = .6970

PARAMETRIC DATA

HWALL = 1.414 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.050 RN/L (1) = 5.977 P = 1398.3 PT = 2809.3 TTF = 85.352 Q = 1079.5

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0402				
-4.26400								-.0092							
-3.55700						-.0156								-.0415	
-2.85000				.0385							-.0143				
-2.14300						.1182		.0936						.0893	
-1.43500											.1215				
-.72800								.1480						.1996	
-.69700					.1480						.1601				
.01100			.1105				.1029								
.71800		.1021			.0894					.0325					
1.42500	.0863		.0878				.0763						.0004		
2.13200		.0600			.0743					.0687					
2.83900			.0647				.0639								
2.89000															.0625
3.54600					.0613										
3.56700												.0305			
4.27400									.0034						.0339
4.98200												.0003			
5.68900															-.0510

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														-.0520	
-4.27400											-.0427				
-3.56700								-.0398						-.0408	
-3.55700		-.0049									.0405				
-2.86000															
-2.83000					.1195									.1076	
-2.14300		.1596													
-2.12100															
-1.41400										.0910					
-.70700							.1296						.0264		
.00000	.2185			.1879						.0641					
.70700							.0639						.0469		
1.41400				.0732						.0609					
2.12100							.1112						.1752		
										.3279					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS76)

MACH (1) = 1.050 RN/L (1) = 5.977

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			.0509												
2.85000															.0374
2.86000						.0582									
3.56700			.0648						.0357						
4.27400						.0458						-.0048			
4.99200			.0082						.0027						
5.68900						-.0409									
6.39600			-.0462												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.1053													
-5.68900					-.0446										
-4.99200		-.0226						-.0548							
-4.27400					-.0234						-.0394				
-3.56700		-.0154						-.0455							
-3.54600															-.0337
-2.86000					.0257										
-2.83900													.0313		
-2.15300		.1043													
-2.13200										.1065					.0932
-1.42500							.0914						.1110		
-.71800										.1107					.1076
-.70700	.0665														
-.01100													.1067		
.00000				.1041											
.69700															.0517
.70700	.1104														
.72800									.1194						
1.43500						.0909						.1061			
2.14300			.0743						.1191					.1061	
2.85000						.0759						.0801			
3.55700			.0616						.0863					.0273	
4.26400						-.0015						-.0212			
4.97100									.0134						

Y	4.97100	4.99200	5.68900	6.39600
X				
-2.83900		.0093		
-2.13200			.0663	
-1.42500		.0049		.0799
-.71800			.0783	
-.01100		.0842		

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS76)

MACH (1) = 1.050 RN/L (1) = 5.977

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.0652			

MACH (2) = 1.101 RN/L (1) = 5.967 P = 1311.3 PT = 2802.9 TTF = 88.573 Q = 1112.4

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0096				
-4.26400									.0284						
-3.55700							-.0008							.0033	
-2.85000					.0490						.0013				
-2.14300							.0719		.0879					.0891	
-1.43500											.0594				
-.72900									.0862					.1325	
-.69700						.0883					.0942				
.01100			.1054					.1089							
.71800		.1363				.1267						.0919			
1.42500	.1292		.1387					.1363					.0887		
2.13200		.1153				.1394						.1387			
2.83900			.1270					.1328							
2.86000															.1486
3.54600						.1282									
3.56700													.1058		
4.27400										.0709					.1026
4.98200													.0605		
5.68900															.0018

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0155	
-4.98200											.0064				
-4.27400								.0036						-.0168	
-3.55700											.0342				
-3.55700		-.0081													
-2.68000														.1003	
-2.85000					.1022										
-2.14300		.1042													
-2.12100										.1086					
-1.41400							.1205						.0587		
-.70700				.1219						.0728					
.00000	.1105						.0688						.0741		
.70700				.0739						.0753					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS76)

MACH (2) = 1.101 RN/L (1) = 5.967

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							.1078								
2.12100													.1283		
2.15300			.1405							.2237					
2.85000															
2.98000					.1418										.1294
3.55700			.1415						.1243						
4.27400					.1146							.0713			
4.98200			.0714						.0684						
5.68900					.0191										
6.39600			.0086												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0816													
-5.68900					-.0084										
-4.98200		.0083						-.0195							
-4.27400					-.0019										
-3.55700		.0000								-.0217					
-3.54600								-.0155							
-2.85000															.0021
-2.83900					.0477										
-2.15500		.0943											.0678		
-2.13200															
-1.42500										.0905					.0851
-.71800							.0747						.0733		
-.70700	.0855									.0662					.0512
-.01100															
.00000				.0796									.0818		
.69700															
.70700	.0925														.0752
.72800															
1.43500									.1418						
2.14300			.1304			.1282						.1557			
2.85000									.1662					.1611	
3.55700			.1270			.1391						.1379			
4.26400									.1471					.0876	
4.97100						.0677						.0381			
									.0727						

Y	4.97100	4.98200	5.60900	6.39600
X				
-2.83900		.0535		
-2.13200			.0549	
-1.42500		.0557		.0357

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS76)

MACH (2) = 1.101 RN/L (1) = 5.967

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			.0193	
-.01100		.0469		
2.85000	.1208			

MACH (3) = 1.253 RN/L (1) = 5.943 P = 1070.1 PT = 2781.7 TTF = 90.061 Q = 1175.3

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0154				
-4.26400									.0293					-.0037	
-3.55700							-.0066				-.0051				
-2.85000					-.0132				.0060					-.0026	
-2.14300							.0007				-.0233				
-1.43500									.0030					.0705	
-.72800											.0330				
-.69700						.0176									
.01100				.0025				.0207							
.71800			.0090			.0197						-.0241			
1.42500		.0109		.0210				-.0142						-.0601	
2.13200			-.0031			-.0166						-.0245			
2.83900				-.0107				-.0167							
2.85000															.0071
3.54600						.0068									
3.55700													.0449		
4.27400										.1875					.1939
4.98200													.2048		
5.68900															.1691

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0312	
-4.98200											-.0182				
-4.27400								-.0085						-.0208	
-3.56700											.0271				
-3.55700		-.0137													
-2.86000														.0169	
-2.85000						.0150									
-2.14300		.0338													
-2.12100										.0129					
-1.41400							.0364						-.0411		
-.70700					.0586					-.0214					

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS76)

MACH (3) = 1.253 RN/L (1) = 5.943

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.0260						-.0295						-.0227		
.70700				-.0149						-.0217					
1.41400							.0229						.0514		
2.12100										.1624					
2.15300			-.0231												
2.85000															-.0302
2.86000					-.0067										
3.56700			.0916					.0657							
4.27400					.1819							.1846			
4.98200			.1970					.1951							
5.68900					.1724										
6.39600			.1653												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0892													
-5.68900					-.0242										
-4.98200		.0032						-.0148							
-4.27400					.0040						-.0211				
-3.56700		-.0312						-.0488							
-3.54600															-.0181
-2.86000					-.0374										
-2.83900													-.0108		
-2.15300		.0178													
-2.13200										-.0017					.0164
-1.42500							.0068						.0153		
-.71800										.0017					-.0019
-.70700	.0002														
-.01100													-.0170		
.00000				.0052											
.69700															-.0824
.70700	.0079														
.72800									-.0008						
1.43500					-.0477							-.0068			
2.14300			-.0628						.0009					.0119	
2.85000					.0084							.0098			
3.55700			.0826						.0927					.0097	
4.26400					.2060							.1711			
4.97100									.2085						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0084		

OA-252 (P45+S) SURFACE PRESS ON 45 DEG PANEL (R3TS76)

MACH (3) = 1.253 RN/L (1) = 5.943

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			-.0079	
-1.42500		-.0005		-.0197
-.71800			-.0325	
-.01100		-.0302		
2.85000	.0143			

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS77) (11 APR 80)

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 = .6570

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = -.020
STEP-A = -.020

MACH (1) = .602 RN/L (1) = 4.465 P = 2097.8 PT = 2679.1 TTF = 73.883 Q = 531.48

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											-.0325				
-4.26400								.0309						.0160	
-3.55700						-.0035					.0016				
-2.85000				-.0314				.0016						.0136	
-2.14300						.0000					-.0011				
-1.43500								.0005						-.0117	
-.72800											.0354				
-.69700					.0067										
.01100			.0011				-.0257								
.71800		-.0050			-.0156					-.0832					
1.42500	-.0050		-.0076				-.0188						-.0284		
2.13200		-.0215			-.0066					.0059					
2.83900			-.0156				.0144								
2.85000															-.0318
3.54600					-.0023										
3.56700												-.0432			
4.27400									-.0427						-.0033
4.98200												-.0137			
5.68900															-.0201

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.0339	
-4.98200											-.0458				
-4.27400								.0135						.0008	
-3.56700											.0336				
-3.55700		-.0021													
-2.85000														-.0162	
-2.85000					-.0253										
-2.14300		-.0093													
-2.12100										-.0334					
-1.41400							.0066						-.0539		
-.70700				.0684						-.0368					
.00000	.1184						-.0357						-.0488		
.70700				-.0111						-.0314					
1.41400							-.0021						.0204		
2.12100										.1456					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS77)

MACH (1) = .602 RN/L (1) = 4.465

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			-.0637												
2.85000															-.0318
2.86000						-.0147									
3.56700			-.0060						-.0134						
4.27400						.0113						-.0264			
4.98200			.0103						-.0065						
5.68900						-.0092									
6.39600			.0015												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0401													
-5.68900					-.0054										
-4.98200		.0054						-.0075							
-4.27400					.0097					.0180					
-3.56700		-.0113						.0097							
-3.54600															-.0237
-2.85000					.0286										
-2.83900													-.0049		
-2.15300		.0234													
-2.13200									-.0079						.0112
-1.42500							-.0307						-.0020		
-.71800									.0117						-.0076
-.70700	-.0439														
-.01100													-.0237		
.00000				.0217											
.69700															-.0669
.70700	-.0129														
.72800									-.0089						
1.43500						-.0094						-.0161			
2.14300			-.0318						.0076					.0124	
2.85000						-.0131						.0241			
3.55700			.0164						.0188					-.0174	
4.26400						-.0142						.0057			
4.97100									.0092						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0017		
-2.13200			-.0114	
-1.42500		-.0044		-.0345
-.71800			-.0685	
-.01100		-.0256		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS77)

MACH (1) = .602 RN/L (1) = 4.465

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	-.0105			

MACH (2) = .801 RN/L (1) = 4.515 P = 1481.7 PT = 2260.4 TTF = 70.815 Q = 665.09

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0650				
-4.26400								.1170						.1076	
-3.55700						.0923					.1034				
-2.85000				.0684				.1032						.1202	
-2.14300						.1080					.0904				
-1.43500								.1021						.1191	
-.72800											.1187				
-.69700					.1396										
.01100			.1466				.1328								
.71800		.1523			.1483					.1376					
1.42500	.1408		.1649				.1696						.1357		
2.13200		.1532			.1690					.1668					
2.83900			.1704				.1845								
2.86000															.1637
3.54600					.1968										
3.55700												.1666			
4.27400									.1666						.1924
4.98200												.1877			
5.68900															.1845

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0521	
-4.98200											.0438				
-4.27400								.1053						.0986	
-3.56700											.1356				
-3.55700		.1032													
-2.86000														.1118	
-2.85000					.1002										
-2.14300		.1225													
-2.12100										.1585					
-1.41400							.1101						.1561		
-.70700				.1105						.1196					
.00000	.1274						.1038						.1124		
.70700				.1415						.1165					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS77)

MACH (2) = .801 RN/L (1) = 4.515

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							.1721						.1598		
2.12100										.2406					
2.15300			.1617												
2.85000															.1546
2.86000						.1807									
3.56700			.1798						.1773						
4.27400						.1979						.1781			
4.98200			.1992						.1867						
5.68900						.1952									
6.39600			.2203												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		.0518													
-5.68900					.0629										
-4.98200		.1077						.0975							
-4.27400					.1177						.1183				
-3.56700		.0999						.1131							
-3.54600															.1001
-2.86000					.1365										
-2.83900													.1100		
-2.15300		.1644													
-2.13200										.1197					.1382
-1.42500							.1352						.1289		
-.71800										.1573					.1225
-.70700	.1690														
-.01100													.1025		
.00000				.1624											
.69700															.0845
.70700	.1087														
.72800									.0946						
1.43500						.1163						.1351			
2.14300			.1563						.1672					.1701	
2.85000						.1693						.1838			
3.55700			.1946						.1931					.1653	
4.26400						.1946						.1972			
4.97100									.1976						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.1019		
-2.13200			.1171	
-1.42500		.1264		.1154

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS77)

MACH (2) = .801 RN/L (1) = 4.515

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			.0782	
-.01100		.1169		
2.85000	.1701			

MACH (3) = .901 RN/L (1) = 4.512 P = 1266.7 PT = 2144.4 TTF = 71.024 Q = 719.58

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0252				
-4.26400								.0898						.0707	
-3.56700							.0573				.0654				
-2.85000					.0418			.0727						.0770	
-2.14300							.0670				.0709				
-1.43500								.0867						.0847	
-.72800											.0957				
-.69700						.1119									
.01100				.1312					.0989						
.71800			.1225			.1257						.1288			
1.42500		.1357		.1338					.1460					.1109	
2.13200			.1343			.1509						.1654			
2.83900				.1660					.1643						
2.86000															.1575
3.54600						.1828									
3.56700													.1398		
4.27400										.1689					.1801
4.98200													.1874		
5.68900															.1902

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0198	
-4.98200											.0040				
-4.27400								.0748						.0612	
-3.56700											.0910				
-3.55700		.0833													
-2.86000														.0854	
-2.85000						.0719									
-2.14300		.1052													
-2.12100										.1234					
-1.41400							.0870						.1327		
-.70700				.1012						.0988					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS77)

MACH (3) = .901 RN/L (1) = 4.512

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
.00000	.1039						.0792						.0961		
.70700				.1118						.0887					
1.41400							.1424						.1162		
2.12100										.2228					
2.15300			.1362												
2.25000															.1598
2.96000						.1555									
3.56700			.1612						.1681						
4.27400						.1880						.1689			
4.98200			.1831						.1886						
5.68900						.1937									
6.39500			.2110												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0023													
-5.68900					.0298										
-4.98200		.0596						.0674							
-4.27400					.0672						.0770				
-3.56700		.0774						.0810							
-3.54600															.0489
-2.86000					.0962										
-2.83900													.0848		
-2.15300		.1397													
-2.13200										.0983					.1045
-1.42500							.1136						.0932		
-.71800										.1228					.0928
-.70700	.1530														
-.01100													.0745		
.00000				.1358											
.69700															.0668
.70700	.0853														
.72800									.0608						
1.43500						.1007						.1001			
2.14300			.1154						.1364					.1476	
2.85000						.1612						.1696			
3.55700			.1932						.1724					.1520	
4.26400						.1785						.1867			
4.97100									.1905						

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		.0643		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS77)

MACH (3) = .901 RN/L (1) = 4.512

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	4.97100	4.98200	5.68900	6.39600
-2.13200			.0888	
-1.42500		.0896		.0743
-.71800			.0407	
-.01100		.0757		
2.85000	.1551			

MACH (4) = 1.051 RN/L (1) = 4.516 P = 1017.8 PT = 2047.5 TTF = 70.675 Q = 787.43

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											-.0370				
-4.26400								.0183						.0051	
-3.55700						-.0105					-.0069				
-2.85000				-.0387				-.0003						.0041	
-2.14300						.0037					-.0071				
-1.43500								-.0013						.0075	
-.72800											.0039				
-.69700					.0203										
.01100			.0221				.0079								
.71800		.0451			.0492					.0115					
1.42500	.0554		.0662				.0487						.0469		
2.13200		.0698			.0917					.0845					
2.83900			.1003				.1054								
2.85000															.0756
3.54600					.1111										
3.56700												.0944			
4.27400									.1133						.1320
4.98200												.1503			
5.68900															.1608

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.0443	
-4.98200											-.0520				
-4.27400								.0076						-.0041	
-3.56700											.0299				
-3.55700		-.0075													
-2.86000														.0105	
-2.85000					-.0019										
-2.14300		.0160													
-2.12100										.0593					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS77)

MACH (4) = 1.051 RN/L (1) = 4.516

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-1.41400							.0166						.0574		
-.70700				.0243						.0198					
.00000	.0184						.0189						.0064		
.70700				.0362						.0251					
1.41400							.0799						.0371		
2.12100										.1371					
2.15300			.0569												
2.85000															.0954
2.85000						.1025									
3.55700			.1201						.1050						
4.27400						.1369						.1511			
4.98200			.1656						.1536						
5.68900						.1626									
6.39500			.1793												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39500		-.0483													
-5.68900					-.0216										
-4.98200		.0045						-.0205							
-4.27400					.0005						.0160				
-3.55700		-.0068						.0041							
-3.54600															-.0179
-2.86000					.0302										
-2.83900													.0138		
-2.15300		.0613													
-2.13200										.0238					.0301
-1.42500							.0227						.0341		
-.71800										.0510					.0214
-.70700	.0596														
-.01100													-.0066		
.00000				.0468											
.69700															-.0427
.70700	.0225														
.71800									-.0238						
1.42500						.0041						.0272			
2.14300			.0518						.0759					.0696	
2.85000						.0938						.1006			
3.55700			.1321						.1461					.1120	
4.26400						.1515						.1398			
4.97100									.1558						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS77)

MACH (4) = 1.051 RN/L (1) = 4.516

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0035		
-2.13200			.0011	
-1.42500		.0077		.0004
-.71800			-.0351	
-.01100		-.0141		
2.85000	.1055			

MACH (5) = 1.098 RN/L (1) = 4.485 P = 953.40 PT = 2030.6 TTF = 73.291 Q = 804.53

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100												-.0256			
-4.26400								.0311						.0150	
-3.55700							.0000					.0044			
-2.85000					-.0398			.0060						.0076	
-2.14300							-.0028					-.0129			
-1.43500								-.0073						.0186	
-.72800												.0037			
-.69700						.0063									
.01100				.0026				-.0207							
.71800			.0024			.0026				-.0375					
1.42500		.0156		.0011				-.0020						-.0329	
2.13200			-.0078			.0165				.0022					
2.83900				.0040				.0207							
2.86000															-.0002
3.54600						.0359									
3.56700												.0005			
4.27400											.0622				.0588
4.98200												.0942			
5.68900															.1133

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0446	
-4.98200											-.0378				
-4.27400								.0213						.0075	
-3.56700											.0328				
-3.55700			.0009												
-2.83900														-.0074	
-2.85000					-.0168										
-2.14300			.0150												

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS77)

MACH (5) = 1.098 RN/L (1) = 4.485

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0363					
-1.41400							.0353						.0002		
-.70700				.0355						.0126					
.00000	.0166						.0071						.0136		
.70700				.0092						.0117					
1.41400							.0331						.0399		
2.12100										.0998					
2.15300			-.0201												
2.85000															.0204
2.86000						-.0002									
3.56700			.0363						.0167						
4.27400						.0567						.0620			
4.98200			.1027						.0941						
5.68900						.1186									
6.39600			.1638												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0480													
-5.68900					-.0226										
-4.98200		.0139						-.0120							
-4.27400					.0156						.0227				
-3.56700		.0005						.0080							
-3.54600															-.0072
-2.86000					.0234										
-2.83900													.0109		
-2.15300		.0367													
-2.13200										-.0003					.0205
-1.42500							.0052						.0004		
-.71800										.0036					-.0161
-.70700	.0156														
-.01100													-.0355		
.00000				.0149											
.69700															-.0552
.70700	.0143														
.72800									-.0060						
1.43500						.0009						-.0002			
2.14300			.0007						.0292					.0273	
2.85000						.0127						.0413			
3.55700			.0776						.0670					.0311	
4.26400						.0699						.0943			
4.97100									.1008						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS77)

MACH (5) = 1.098 RN/L (1) = 4.485

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		.0010		
-2.13200			-.0067	
-1.42500		-.0054		-.0197
-.71800			-.0630	
-.01100		-.0286		
2.85000	.0266			

MACH (6) = 1.250 RN/L (1) = 4.518 P = 785.78 PT = 2034.8 TTF = 74.301 Q = 859.10

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100															
-4.26400											-.0363				
-3.55700								.0236						-.0074	
-2.85000						-.0128					-.0140				
-2.14300				-.0378				-.0039						-.0079	
-1.43500						-.0089					-.0206				
-.72800								-.0127						.0097	
-.69700					.0033						.0092				
.01100			.0053				-.0193								
.71800		.0083			-.0053					-.0274					
1.42500	.0066		.0078				.0055						-.0413		
2.13200		-.0229			-.0028					-.0046					
2.83900			-.0059				.0116								
2.86000															-.0182
3.54600					.0179										
3.56700												-.0340			
4.27400									-.0132						-.0127
4.98200												.0021			
5.68900															-.0073

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72600
-5.68900															
-4.98200														-.0324	
-4.27400											-.0518				
-3.56700								-.0028						-.0132	
-3.55700		-.0173									.0138				
-2.86000															
-2.85000					-.0239									-.0245	
-2.14300		.0062													

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS77)

MACH (6) = 1.250 RN/L (1) = 4.518

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100															
-1.41400										.0333					
-.70700							.0357						-.0011		
.00000	.0076			.0329						-.0015					
.70700							-.0005						.0067		
1.41400				.0070						.0070					
2.12100							.0313						.0354		
2.15300			-.0251							.0988					
2.85000															
2.86000						-.0284									-.0263
3.56700			-.0175						-.0274						
4.27400						-.0058						-.0183			
4.98200			.0061						-.0045						
5.68900						-.0018									
6.39600			.0228												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0362													
-5.68900					-.0196										
-4.98200		-.0003						-.0115							
-4.27400					-.0015						.0073				
-3.56700		-.0246						-.0105							
-3.54600															-.0214
-2.85000					.0073										
-2.83900													-.0009		
-2.15300		.0359													
-2.13200										-.0016					.0071
-1.42500							-.0069						.0006		
-.71800										.0033					-.0129
-.70700	.0119														
-.01100													-.0362		
.00000				.0103											
.69700															-.0590
.70700	.0106														
.72800									-.0106						
1.43500						-.0106						-.0164			
2.14300			-.0266						.0011					.0192	
2.85000						-.0116						.0163			
3.55700			.0199						.0232					-.0108	
4.26400						.0113						.0232			
4.97100									.0245						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS77)

MACH (6) = 1.250 RN/L (1) = 4.518

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0132		
-2.13200			-.0152	
-1.42500		-.0096		-.0395
-.71800			-.0731	
-.01100		-.0330		
2.85000	-.0002			

MACH (7) = 1.402 RN/L (1) = 4.493 P = 644.32 PT = 2055.3 TTF = 74.858 Q = 686.10

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0404				
-4.26400								.0225						-.0113	
-3.55700						-.0245					-.0196				
-2.85000				-.0513				-.0196						-.0285	
-2.14300						-.0269					-.0458				
-1.43500								-.0220						-.0060	
-.72800											-.0108				
-.69700					-.0092										
.01100			-.0092				-.0270								
.71800		-.0082			.0016					-.0247					
1.42500	-.0084		.0054				.0033						-.0281		
2.13200		-.0218			-.0015					-.0090					
2.83900			-.0154				-.0089								
2.86000															-.0313
3.54600					-.0023										
3.56700												-.0634			
4.27400									-.0527						-.0377
4.98200												-.0354			
5.68900															-.0452

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0393	
-4.98200											-.0587				
-4.27400								-.0230						-.0361	
-3.56700											-.0071				
-3.55700		-.0362													
-2.85000														-.0353	
-2.85000					-.0484										
-2.14300		-.0026													

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS77)

MACH (7) = 1.402 RN/L (1) = 4.493

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0323					
-1.41400							.0241						-.0087		
-.70700				.0086						-.0048					
.00000	-.0078						-.0126						-.0038		
.70700				.0022						-.0016					
1.41400							.0286						.0302		
2.12100										.0958					
2.15300			-.0237												
2.85000															-.0415
2.86000						-.0191									
3.55700			-.0213						-.0423						
4.27400						-.0273						-.0479			
4.98200			-.0261						-.0225						
5.60200						-.0274									
6.39500			-.0095												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0385													
-5.69900					-.0173										
-4.98200		-.0092						-.0214							
-4.27400					-.0172						.0030				
-3.56700		-.0432						-.0214							
-3.54600															-.0376
-2.80000					-.0108										
-2.83900													-.0266		
-2.15300		.0169													
-2.13200										-.0318					-.0010
-1.42500							-.0307						-.0074		
-.71800										-.0015					-.0192
-.70700	-.0027														
-.01100													-.0361		
.00000				.0046											
.69700															-.0719
.70700	.0046														
.72000									-.0145						
1.45500						-.0135						-.0036			
2.14300			-.0323						.0076					.0129	
2.83000						-.0239						.0057			
3.55700			-.0023						.0028					-.0217	
4.26400						-.0171						-.0004			
4.97100									-.0001						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3T577)

MACH (7) = 1.402 RN/L (1) = 4.493

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0310		
-2.13200			-.0305	
-1.42500		-.0113		-.0352
-.71800			-.0836	
-.01100		-.0458		
2.85000	-.0113			

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS78) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 45.000
GAP = .030 STEP-F = .020
STEP-A = .020

MACH (1) = .538 RN/L (1) = 4.462 P = 2093.5 PT = 2667.1 TTF = 70.745 Q = 524.86

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											-.0517				
-4.26400								.0306						-.0115	
-3.55700						-.0220					-.0085				
-2.85000				-.0446				-.0190						-.0082	
-2.14300						-.0223					-.0390				
-1.43500								-.0268						-.0428	
-.72800											-.0258				
-.69700					-.0006										
.01100			.0144				-.0388								
.71800		.0058			.0018					-.0281					
1.42500	.0056		-.0068				.0171						-.0275		
2.13200		-.0265			.0023					.0109					
2.83900			-.0111				-.0009								
2.85000															-.0165
3.54600					.0158										
3.56700												-.0310			
4.27400									-.0267						-.0138
4.98200												-.0106			
5.68900															-.0345

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.0701	
-4.98200											-.0765				
-4.27400								-.0237						.0096	
-3.56700											.0261				
-3.55700		-.0236													
-2.85000														-.0218	
-2.85000					.0039										
-2.14300		-.0193													
-2.12100										-.0209					
-1.41400							-.0842						.0053		
-.70700				-.0287						-.0470					
.00000	-.0125						-.0669						-.0397		
.70700				.0022						-.0465					
1.41400							.0529						-.0096		
2.12100										.1615					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS78)

MACH (1) = .598 RN/L (1) = 4.462

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			-.0106												
2.85000															-.0137
2.86000						.0012									
3.56700			.0012						-.0042						
4.27400						.0128						-.0176			
4.98200			-.0031						-.0085						
5.68900						-.0364									
6.39600			-.0044												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0848													
-5.68900					-.0330										
-4.98200		.0061						.0005							
-4.27400					.0205						.0197				
-3.56700		-.0099						.0061							
-3.54600															-.0258
-2.83900					.0069										
-2.83900													.0093		
-2.15300		.0512													
-2.13200										.0126					.0217
-1.42500							.0463						.0150		
-.71800										.0363					-.0107
-.70700	.0600														
-.01100													-.0226		
.00000				.0896											
.69700															-.0761
.70700	-.0337														
.72800									-.1039						
1.43500						-.1023						-.0423			
2.14300			-.0402						-.0129					-.0200	
2.85000						-.0241						-.0036			
3.55700			.0024						.0035					-.0402	
4.26400						.0045						-.0186			
4.97100									.0029						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0161		
-2.13200			-.0234	
-1.42500		-.0053		-.0436
-.71800			-.0626	
-.01100		-.0455		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS78)

MACH (1) = .598 RN/L (1) = 4.462

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	-.0609			

MACH (2) = .800 RN/L (1) = 4.479 P = 1468.3 PT = 2238.5 TTF = 69.977 Q = 658.00

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											.0599				
-3.55700								.1087							
-2.85000						.0780					.0887			.0900	
-2.14300				.0724				.1018						.1020	
-1.43500						.1018					.0868				
-.72800								.0982						.0939	
-.69700					.1372						.1029				
.01100			.1398				.1077								
.71800		.1409			.1407					.1269					
1.42500	.1492		.1586				.1597						.1327		
2.13200		.1574			.1663					.1651					
2.83900			.1672				.1745								
2.85000															
3.54600					.1963										.1574
3.56700															
4.27400												.1561			
4.98200									.1614						.1807
5.68900												.1991			
															.1905

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														.0175	
-4.27400											.0187				
-3.56700								.0761						.1068	
-3.55700		.0906									.1492				
-2.85000															
-2.85000					.1280									.0689	
-2.14300		.1044													
-2.12100															
-1.41400										.1236					
-.70700				.1033			.0816						.1318		
.00000	.1128									.0883					
.70700				.1403			.0883						.0895		
										.0983					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS78)

MACH (2) = .800 RN/L (1) = 4.479

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
1.41400							.1549						.1336		
2.12100										.2339					
2.15300			.1616												
2.85000															.1565
2.85000						.1846									
3.56700			.1813						.1790						
4.27400						.1959						.1875			
4.98200			.1929						.1912						
5.68900						.1871									
6.39600			.2064												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		.0056													
-5.68900					.0530										
-4.98200		.0933						.0842							
-4.27400					.1101						.1186				
-3.56700		.0882						.0918							
-3.54600															.0631
-2.88000					.1167										
-2.83900													.1109		
-2.15300		.1509													
-2.13200										.1218					.1212
-1.42500							.1483						.1292		
-.71800										.1681					.1188
-.70700	.1657														
-.01100													.1109		
.00000				.1804											
.69700															.0911
.70700	.0972														
.72800									.0608						
1.43500						.0905						.1404			
2.14300			.1417						.1519					.1448	
2.85000						.1606						.1758			
3.55700			.2033						.1875					.1584	
4.28400						.2059						.1838			
4.97100									.1938						

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		.0988		
-2.13200			.1003	
-1.42500		.1096		.1145

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS78)

MACH (2) = .600 RN/L (1) = 4.479

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.90200	5.68900	6.39600
X				
-.71800			.0851	
-.01100		.1094		
2.85000	.1504			

MACH (3) = .900 RN/L (1) = 4.503 P = 1261.8 PT = 2134.5 TTF = 69.838 Q = 715.73

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0274				
-4.26400								.0770						.0620	
-3.55700						.0384					.0596				
-2.85000				.0295				.0681						.0736	
-2.14300						.0570					.0503				
-1.43500								.0630						.0808	
-.72000											.0677				
-.69700					.0988										
.01100			.1086				.0996								
.71800		.1102			.1076					.0942					
1.42500	.1311		.1291				.1360						.0980		
2.13200		.1299			.1401					.1437					
2.83900			.1417				.1584								
2.85000															.1362
3.54600					.1667										
3.55700												.1327			
4.27400									.1600						.1650
4.98200												.1791			
5.68900															.1675

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0186	
-4.98200											-.0141				
-4.27400								.0407						.0737	
-3.56700											.0981				
-3.55700		.0527													
-2.86000														.0629	
-2.85000					.0940										
-2.14300		.0800													
-2.12100										.1113					
-1.41400							.0551						.1150		
-.70700				.0790						.0802					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS78)

MACH (3) = .900 RN/L (1) = 4.503

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.0834						.0788						.0792		
.70700				.1001						.0765					
1.41400							.1326						.1087		
2.12100										.2086					
2.15300			.1415												
2.83900															.1398
2.85000						.1722									
3.55700			.1669						.1659						
4.27400						.1758						.1644			
4.99200			.1839						.1801						
5.68900						.1748									
6.39600			.1911												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0278													
-5.68900					.0168										
-4.99200		.0618						.0506							
-4.27400					.0774						.0825				
-3.55700		.0532						.0739							
-3.54600															.0495
-2.68900					.1026										
-2.83900													.0831		
-2.15300		.1204													
-2.13200										.0980					.1033
-1.42500							.1144						.1081		
-.71000										.1144					.0891
-.70700	.1450														
-.01100													.0903		
.00000				.1420											
.69700															.0669
.70700	.0744														
.72800									.0296						
1.42500						.0649						.1144			
2.14300			.1094						.1292					.1266	
2.85000						.1444						.1485			
3.55700			.1795						.1709					.1454	
4.26400						.1833						.1595			
4.97100									.1817						

Y	4.97100	4.99200	5.68900	6.39600
X				
-2.83900		.0667		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS78)

MACH (3) = .900 RN/L (1) = 4.503

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	4.97100	4.93200	5.68900	6.39600
-2.13200			.0635	
-1.42500		.0855		.0776
-.71800			.0594	
-.01100		.0869		
2.85000	.1150			

MACH (4) = 1.048 RN/L (1) = 4.508 P = 1018.5 PT = 2039.8 TTF = 69.558 Q = 782.38

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39800	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.8[illegible]900	-2.15300	-2.14300	-2.13200
-4.97100															
-4.26400											-.0398				
-3.56700							.0152							-.0080	
-2.85000					-.0503			-.0275			-.0188				
-2.14300							-.0161							-.0053	
-1.43500								-.0176			-.0234				
-.72200							-.0098							-.0094	
-.69700											-.0002				
.01100					.0057										
.71800			.0156				-.0120								
1.42500		.0452			.0217					.0178					
2.13200	.0538		.0421				.0656						.0169		
2.03900		.0504			.0782					.0832					
2.89000			.0805				.0971								
3.54500															.0724
3.56700					.1231										
4.27400												.0926			
4.98200									.1091						.1338
5.68900												.1489			
															.1466

X \ Y	-2.12100	-1.43500	-1.42500	-1.41450	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900															
-4.98200														-.0912	
-4.27400											-.0840				
-3.56700							-.0482							-.0027	
-3.55700		-.0116									.0274				
-2.68000															
-2.85000														-.0172	
-2.14300					.0108										
-2.12100		.0027													
										.0305					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS78)

MACH (4) = 1.048 RN/L (1) = 4.508

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71600	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-1.41400							-.0092								
-.70700				.0067						.0030			.0386		
.00000	.0165						-.0027								
.70700				.0293						.0072			.0034		
1.41400							.0628						.0270		
2.12100										.1328					
2.15300			.0476												
2.85000															
2.88000						.0879									.0737
3.56700			.1124						.1077						
4.27400						.1432						.1214			
4.92200			.1500						.1376						
5.69300						.1500									
6.39600			.1754												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0876													
-5.69300					-.0339										
-4.92200		-.0095						-.0124							
-4.27400					.0043						.0127				
-3.56700		-.0140						-.0159							
-3.54600															-.0361
-2.85000					.0091										
-2.83900													-.0019		
-2.15300		.0507													
-2.13200										.0168					.0146
-1.42500							.0396						.0140		
-.71600										.0470					.0010
-.70700	.0652														
-.01100													.0059		
.00000				.0500											
.69700															-.0256
.70700	.0036														
.72800									-.0628						
1.43500						-.0192						.0251			
2.14200			.0503						.0571					.0591	
2.85000						.0899						.0914			
3.55700			.1255						.1212					.0660	
4.26400						.1365						.1027			
4.97100									.1347						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS78)

MACH (4) = 1.048 RN/L (1) = 4.508

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0097		
-2.13200			-.0055	
-1.42500		.0035		-.0126
-.71800			-.0441	
-.01100		-.0158		
2.85000	.0516			

MACH (5) = 1.099 RN/L (1) = 4.552 P = 958.35 PT = 2043.3 TTF = 69.838 Q = 809.98

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100												-.0185			
-4.26400								.0407						.0118	
-3.55700							-.0117					-.0097			
-2.85000					-.0518			-.0257						-.0134	
-2.14300							-.0300					-.0365			
-1.43500								-.0290						-.0258	
-.72800												-.0255			
-.69700						-.0138									
.01100			-.0045					-.0335							
.71800		-.0084				-.0066				-.0350					
1.42500	.0096		.0044					.0066					-.0265		
2.13200		-.0098				.0199				.0244					
2.83900			.0244					.0349							
2.86000															.0083
3.54600						.0563									
3.56700												.0086			
4.27400									.0793						.0746
4.93200												.1050			
5.68900															.1348

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0469	
-4.99200											-.0531				
-4.27400								-.0271						.0108	
-3.56700											.0266				
-3.55700		-.0188													
-2.86000														-.0403	
-2.85000						-.0048									
-2.14300		-.0103													

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS78)

MACH (5) = 1.099 RN/L (1) = 4.552

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0217					
-1.41400							-.0210						.0249		
-.70700				-.0080						-.0122					
.00000	-.0036						-.0127						-.0122		
.70700				.0068						-.0073					
1.41400							.0391						.0122		
2.12100										.1082					
2.15300			-.0015												
2.85000															.0192
2.86000						.0197									
3.56700			.0466						.0450						
4.27400						.0768						.0988			
4.98200			.1264						.1113						
5.58900						.1484									
6.39600			.1849												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0649													
-5.68900					-.0091										
-4.98200		.0190						.0121							
-4.27400					.0200						.0249				
-3.56700		-.0143						-.0082							
-3.54600															-.0313
-2.86000					.0088										
-2.83900													-.0014		
-2.15300		.0358													
-2.13200										.0023					.0116
-1.42500							.0132						.0053		
-.71800										.0154					-.0199
-.70700	.0360														
-.01100													-.0290		
.00000				.0306											
.69700															-.0708
.70700	-.0093														
.72800									-.0976						
1.43500						-.0542						-.0090			
2.14300			-.0182						.0064					.0097	
2.85000						.0152						.0351			
3.55700			.0689						.0773					.0101	
4.26400						.1001						.0772			
4.97100									.1227						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS78)

MACH (5) = 1.099 RN/L (1) = 4.552

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	4.97100	4.98200	5.68900	6.39600
-2.83900		-.0059		
-2.13200			-.0159	
-1.42500		-.0162		-.0176
-.71800			-.0572	
-.01100		-.0458		
2.85000	.0116			

MACH (6) = 1.251 RN/L (1) = 4.530 P = 785.07 PT = 2035.5 TTF = 73.430 Q = 859.61

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											-.0403				
-4.26400								.0164						-.0032	
-3.55700						-.0214					-.0156				
-2.85000				-.0408				-.0204						-.0132	
-2.14300						-.0247					-.0204				
-1.43500								-.0054						.0111	
-.72800											.0047				
-.69700					-.0001										
.01100			-.0011				-.0185								
.71800		.0001			-.0014					-.0631					
1.42500	.0008		-.0052				-.0088						-.0542		
2.13200		-.0307			-.0131					-.0147					
2.83900			-.0193				-.0066								
2.86000															-.0395
3.54600					-.0116										
3.56700												-.0461			
4.27400									-.0287						-.0078
4.98200												-.0081			
5.68900															-.0012

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.0837	
-4.98200											-.0770				
-4.27400								-.0434						-.0105	
-3.56700											.0042				
-3.55700		-.0338													
-2.86000														-.0496	
-2.85000					.0092										
-2.14300		.0095													

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS78)

MACH (6) = 1.251 RN/L (1) = 4.530

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-2.12100										.0132					
-1.41400							.0184						-.0211		
-.70700				.0392						-.0056					
.00000	.0338						-.0135						-.0098		
.70700				-.0084						-.0095					
1.41400							.0210						.0411		
2.12100										.1006					
2.15300			-.0359												
2.85000															-.0663
2.86000						-.0295									
3.56700			-.0096						-.0296						
4.27400						.0011						-.0032			
4.98200			.0029						-.0026						
5.68900						-.0035									
6.39600			.0152												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0948													
-5.68900					-.0316										
-4.98200		-.0005						-.0162							
-4.27400					-.0010						.0028				
-3.56700		-.0365						-.0270							
-3.54600															-.0361
-2.85000					-.0099										
-2.83900													-.0193		
-2.15300		.0118													
-2.13200										-.0030					.0067
-1.42500							-.0045						-.0116		
-.71800										-.0045					-.0271
-.70700	.0065														
-.01100													-.0342		
.00000				.0041											
.69700															-.0666
.70700	.0073														
.72800									-.0526						
1.43500						-.0277						.0023			
2.14300			-.0210						.0090					.0046	
2.85000						-.0225						.0168			
3.55700			-.0054						.0103					-.0325	
4.26400						.0189						-.0089			
4.97100									.0139						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS78)

MACH (6) = 1.251 RN/L (1) = 4.530

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0098		
-2.13200			-.0248	
-1.42500		-.0211		-.0394
-.71800			-.0739	
-.01100		-.0328		
2.85000	-.0363			

MACH (7) = 1.404 RN/L (1) = 4.568 P = 652.10 PT = 2087.9 TTF = 74.336 Q = 900.17

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0455				
-4.26400								.0080						-.0100	
-3.55700							-.0296				-.0318				
-2.85000					-.0469			-.0245						-.0326	
-2.14300							-.0299				-.0397				
-1.43500								-.0247						-.0035	
-.72800											-.0065				
-.69700						-.0090									
.01100				-.0125				-.0310							
.71800			-.0074			-.0153				-.0592					
1.42500		-.0046		-.0076				-.0137					-.0611		
2.13200			-.0183			-.0096				-.0084					
2.83900				-.0159				-.0104							
2.83900															-.0360
3.54600						-.0009									
3.55700												-.0608			
4.27400									-.0249						-.0310
4.98200												-.0068			
5.68900															-.0162

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0869	
-4.98200											-.0753				
-4.27400								-.0479						-.0185	
-3.56700											-.0072				
-3.55700			-.0471												
-2.86000														-.0661	
-2.85000						-.0106									
-2.14300			.0021												

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS78)

MACH (7) = 1.404 RN/L (1) = 4.568

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-2.12100										.0109					
-1.41400							.0167						-.0289		
-.70700				.0210						-.0167					
.00000	.0077						-.0198						-.0152		
.70700				-.0116						-.0128					
1.41400							.0129						.0307		
2.12100										.0834					
2.15300			-.0218												
2.83900															-.0532
2.86000						-.0235									
3.55700			-.0249						-.0423						
4.27400						-.0227						-.0218			
4.97200			-.0212						.0087						
5.68900						-.0204									
6.39500			.0322												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39500		-.0957													
-5.68900					-.0477										
-4.97200		-.0130						-.0161							
-4.27400					-.0104						-.0107				
-3.56700		-.0532						-.0357							
-3.54500															-.0483
-2.86000					-.0207										
-2.83900													-.0269		
-2.15300		.0010													
-2.13200										-.0184					-.0090
-1.42500							-.0118						-.0186		
-.71800										-.0033					-.0307
-.70700	-.0064														
-.01100													-.0407		
.00000				-.0047											
.69700															-.0860
.70700	-.0061														
.72800									-.0573						
1.43500						-.0373						-.0094			
2.14300			-.0250						.0010					.0020	
2.85000						-.0332						.0026			
3.55700			-.0139						-.0042					-.0332	
4.26400						.0044						-.0101			
4.97100									.0096						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3T678)

MACH (7) = 1.404 RN/L (1) = 4.568

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0245		
-2.13200			-.0409	
-1.42500		-.0270		-.0483
-.71800			-.0694	
-.01100		-.0445		
2.85000	-.0456			

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS79) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .160

MACH (1) = .600 RN/L (1) = 4.456 P = 2103.4 PT = 2682.0 TTF = 74.127 Q = 529.23

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											-.0434				
-4.26400							.0286							.0115	
-3.55700					-.0061						-.0034				
-2.85000				-.0407			.0073							.0179	
-2.14300					-.0074						.0291				
-1.43500							.0142							.0998	
-.72800											.0747				
-.69700					-.0048										
.01100			-.0054				-.0434								
.71800		-.0213			-.0391					-.1418					
1.42500	-.0187		-.0341				-.0681						-.1868		
2.13200		-.0522			-.0330					-.1000					
2.83900			-.0349				-.0423								
2.85000															-.0976
3.54600					-.0237										
3.56700												-.0716			
4.27400									-.0750						-.0479
4.98200												-.0389			
5.68900															-.0253

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900															
-4.98200														-.0186	
-4.27400											-.0228				
-3.56700								-.0007						.0199	
-3.55700		.0233									.0351				
-2.85000															
-2.85000					.0603									.0433	
-2.14300		.0755													
-2.12100															
-1.41400										-.0392					
-.70700				.0847			.0099						-.0332		
.00000	.1884									-.0811					
.70700				-.0340			-.0671						-.1072		
1.41400										-.0816					
2.12100							-.0325						.1346		
										.2354					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS79)

MACH (1) = .600 RN/L (1) = 4.456

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			-.1401												
2.83000															
2.85000					-.0761										-.1283
3.56700			-.0607						-.0527						
4.27400					-.0317							-.0112			
4.98200			-.0131						-.0298						
5.68900					-.0094										
6.39600			-.0102												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0467													
-5.68900					.0109										
-4.98200		.0027						-.0051							
-4.27400					.0006						.0059				
-3.56700		-.0080						-.0244							
-3.54600															-.0300
-2.85000					.0064										
-2.83900													-.0052		
-2.15300		.0127													
-2.13200										-.0020					.0098
-1.42500							-.0450						-.0015		
-.71800										.0178					.0012
-.70700	-.0888														
-.01100													.0656		
.00000				.0358											
.69700															.0076
.70700	.0844														
.72800									-.1293						
1.43500						-.0717						-.0560			
2.14300			-.0878						-.0566					-.0725	
2.85000						-.0865						-.0399			
3.55700			-.0854						-.0154					-.0962	
4.26400						-.0426						-.0458			
4.97100									-.0410						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0100		
-2.13200			-.0220	
-1.42500		-.0148		-.0522
-.71800			-.0244	
-.01100		-.0156		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS79)

MACH (1) = .600 RN/L (1) = 4.456

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	4.97100	4.98200	5.68900	6.39600
2.85000	-.1536			

MACH (2) = .800 RN/L (1) = 4.494 P = 1475.4 PT = 2249.8 TTF = 70.745 Q = 661.56

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100															
-4.26400											.0799				
-3.55700								.1199						.1060	
-2.85000						.1174					.1300				
-2.14300				.0731				.1398						.1443	
-1.43500						.1390					.1343				
-.72800								.1524						.2181	
-.69700					.1445						.1946				
.01100			.1353				.1140								
.71800		.1447			.1285					.0370					
1.42500	.1473		.1396				.1033						.0229		
2.13200		.1375			.1334					.0848					
2.83900			.1436				.1370								
2.86000															
3.54600					.1677										.1030
3.56700												.1413			
4.27400									.1531						
4.92200															.1671
5.68900												.1859			
															.1829

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900															
-4.98200														.0725	
-4.27400											.0846				
-3.56700								.1127						.1364	
-3.55700		.1362									.1565				
-2.86000															
-2.85000					.1770									.1730	
-2.14300		.1959													
-2.12100															
-1.41400										.1033					
-.70700				.2096			.1503						.1022		
.00000	.3037									.0828					
.70700				.1288			.1085						.0670		
										.0869					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS79)

MACH (2) = .800 RN/L (1) = 4.494

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
1.41400							.1269								
2.12100													.2430		
2.15300			.0546							.3145					
2.85000															
2.86000						.1226									.0807
3.56700			.1462						.1479						
4.27400						.1676						.1795			
4.98200			.1829						.1769						
5.68900						.1983									
6.39600			.2123												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		.0568													
-5.68900					.0915										
-4.98200		.1091						.0979							
-4.27400					.1152						.1152				
-3.56700		.1112						.1034							
-3.54600															
-2.86000					.1271										.0876
-2.83900															
-2.15300		.1444											.1103		
-2.13200															
-1.42500										.1270					.1380
-.71800							.1275						.1446		
-.70700	.0724									.1650					.1390
-.01100															
.00000				.1605									.2057		
.69700															
.70700	.1992														.1622
.72800															
1.43500						.0747			.0429						
2.14300			.1097						.1347			.1211			
2.85000						.1118								.1088	
3.55700			.1443						.1659			.1425			
4.28400						.1553								.1235	
4.97100									.1706			.1479			

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		.1039		
-2.13200			.1099	
-1.42500		.1242		.0990

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS79)

MACH (2) = .800 RN/L (1) = 4.494

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			.1347	
-.01100		.1414		
2.65000	.0697			

MACH (3) = .901 RN/L (1) = 4.493 P = 1258.9 PT = 2132.4 TTF = 70.466 Q = 715.95

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											.0441				
-3.55700								.0903						.0883	
-2.85000						.0893					.0891				
-2.14300				.0587				.1112						.1128	
-1.43500						.1142					.1187				
-.72800								.1365						.1952	
-.69700											.1760				
.01100					.1219										
.71800			.1101				.0904								
1.42500		.1182			.0987					.0052					
2.13200	.1308		.1077				.0750						-.0084		
2.83900		.1176			.1006					.0642					
2.88000			.1229				.1052								
3.54600															.0817
3.56700					.1351										
4.27400												.1045			
4.98200									.1368						.1419
5.68900												.1665			
															.1748

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														.0466	
-4.27400											.0542				
-3.56700								.0885						.1002	
-3.55700		.1081									.1303				
-2.65000															
-2.85000					.1496									.1454	
-2.14300		.1743													
-2.12100										.0782					
-1.41400							.1329						.0920		
-.70700				.1904						.0660					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS79)

MACH (3) = .901 RN/L (1) = 4.493

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.2659														
.70700							.0791						.0501		
1.41400				.1051						.0736					
2.12100							.1053						.2227		
2.15300			.0321							.3233					
2.85000															
2.86000						.0766									.0654
3.56700			.1171						.1138						
4.27400						.1517						.1565			
4.98200			.1704						.1671						
5.68900						.1820									
6.39600			.1905												

Y	1.41400	1.42500	1.43500	2.12100	2.13300	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		.0083													
-5.68900					.0736										
-4.98200		.0767						.0609							
-4.27400					.0806						.0935				
-3.56700		.0871						.0646							
-3.54600															
-2.86000					.1070										.0472
-2.83900															
-2.15300		.1274											.0900		
-2.13200															
-1.42500							.0836			.0931					.1064
-.71800													.1052		
-.70700	.0461									.1412					.1192
-.01100															
.00000				.1508									.1833		
.69700															
.70700	.1539														.1418
.72800															
1.43500									.0121						
2.14300			.0628			.0485						.0730			
2.85000									.0992					.0772	
3.55700			.1185			.0764						.1239			
4.26400									.1482					.0960	
4.97100						.1379						.1255			
									.1365						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0850		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS79)

MACH (3) = .901 RN/L (1) = 4.493

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			.0726	
-1.42500		.0914		.0832
-.71800			.0967	
-.01100		.1216		
2.85000	.0413			

MACH (4) = 1.052 RN/L (1) = 4.473 P = 1013.5 PT = 2039.8 TTF = 73.047 Q = 784.60

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0169				
-4.26400								.0419						.0270	
-3.55700						.0127					.0237				
-2.85000				-.0171				.0436						.0669	
-2.14300						.0522					.0799				
-1.43500								.0833						.1281	
-.72800											.1230				
-.69700					.0660										
.01100			.0472				.0228								
.71800		.0206			.0080					-.0845					
1.42500	.0364		.0265				-.0120						-.0802		
2.13200		.0062			.0139					-.0246					
2.83900			.0249				.0186								
2.86000															-.0285
3.54600					.0533										
3.56700												.0033			
4.27400									.0629					.0671	
4.98200												.1025			
5.68900														.1151	

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0168	
-4.98200											-.0164				
-4.27400								.0108						.0393	
-3.56700											.0697				
-3.55700		.0356													
-2.86000														.0997	
-2.85000					.0967										
-2.14300		.1133													
-2.12100										.0372					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS79)

MACH (4) = 1.052 RN/L (1) = 4.473

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-1.41400							.0707						.0375		
-.70700				.1331						.0068					
.00000	.1960						.0255						-.0065		
.70700				.0496						.0166					
1.41400							.0551						.1701		
2.12100										.2581					
2.15300			-.0737												
2.85000															-.0722
2.86000						-.0197									
3.56700			.0184						-.0280						
4.27400						.0699						.0836			
4.98200			.0955						.1120						
5.68900						.1300									
6.39600			.1571												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0373													
-5.68900					.0133										
-4.98200		.0143						-.0021							
-4.27400					.0268						.0293				
-3.56700		.0252						.0050							
-3.54600															-.0080
-2.86000					.0365										
-2.83900													.0217		
-2.15300		.0645													
-2.13200										.0336					.0421
-1.42500							.0152						.0446		
-.71800										.0806					.0616
-.70700	-.0085														
-.01100													.1402		
.00000				.0913											
.69700															.0768
.70700	.1213														
.72800									-.0813						
1.43500						-.0412						-.0065			
2.14300			-.0472						-.0054					-.0253	
2.85000						-.0286						.0263			
3.55700			.0146						.0456					.0053	
4.26400						.0695						.0549			
4.97100									.0832						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS79)

MACH (4) = 1.052 RN/L (1) = 4.473

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	4.97100	4.98200	5.68900	6.39600
-2.83900		.0128		
-2.13200			.0023	
-1.42500		.0365		.0065
-.71800			.0354	
-.01100		.0470		
2.85000	-.0474			

MACH (5) = 1.098 RN/L (1) = 4.513 P = 958.35 PT = 2041.9 TTF = 72.977 Q = 809.16

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100															
-4.26400											-.0079				
-3.55700								.0446						.0345	
-2.85000				-.0324		.0192					.0245				
-2.14300								.0394						.0553	
-1.43500						.0287					.0537				
-.72800								.0796						.1237	
-.69700					.0659						.1234				
.01100			.0398				.0171								
.71900		.0220			-.0011					-.0890					
1.42500	.0220		-.0037				-.0302						-.1035		
2.13200		-.0175			-.0185					-.0429					
2.83900			-.0014				-.0148								
2.86000															
3.54600					.0265										-.0549
3.56700															
4.27400												-.0105			
4.98200									.0380						.0239
5.68900												.0699			
															.1019

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900															
-4.98200														.0009	
-4.27400											-.0042				
-3.56700								.0298						.0496	
-3.55700		.0404									.0628				
-2.86000															
-2.85000					.0842									.0872	
-2.14300		.1158													

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS79)

MACH (5) = 1.098 RN/L (1) = 4.513

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0233					
-1.41400							.0708						.0278		
-.70700				.1169						.0001					
.00000	.1977						.0082						-.0173		
.70700				.0304						-.0041					
1.41400							.0370						.1538		
2.12100										.2451					
2.15300			-.0863												
2.85000															-.0987
2.86000						-.0457									
3.56700			-.0026						-.0587						
4.27400						.0429						.0521			
4.98200			.0784						.0899						
5.68900						.1096									
6.39600			.1500												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0309													
-5.68900					.0270										
-4.98200		.0255						.0087							
-4.27400					.0340						.0352				
-3.56700		.0231						.0066							
-3.54600															-.0079
-2.86000					.0340										
-2.83900													.0110		
-2.15300		.0596													
-2.13200										.0226					.0336
-1.42500							-.0007						.0250		
-.71800										.0614					.0376
-.70700	-.0145														
-.01100													.1356		
.00000				.0837											
.69700															.0654
.70700	.1108														
.72800									-.0835						
1.43500						-.0457						-.0050			
2.14300			-.0460						-.0200					-.0432	
2.85000						-.0803						-.0126			
3.55700			-.0287						.0153					-.0443	
4.26400						.0377						-.0036			
4.97100									.0597						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS79)

MACH (5) = 1.098 RN/L (1) = 4.513

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0080		
-2.13200			-.0042	
-1.42500		.0114		-.0137
-.71800			.0306	
-.01100		.0392		
2.85000	-.0683			

MACH (6) = 1.250 RN/L (1) = 4.532 P = 786.48 PT = 2038.4 TTF = 73.744 Q = 860.74

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											-.0348				
-3.55700								.0233						.0098	
-2.85000						-.0031					-.0008				
-2.14300				-.0529				.0052						.0182	
-1.43500						.0042					.0279				
-.72800								.0693						.1277	
-.69700					.0585						.1190				
.01100			.0460				.0319								
.71800		.0303			.0189					-.0867					
1.42500	.0152		.0037				-.0241						-.1003		
2.13200		-.0253			-.0282					-.0535					
2.83900			-.0239				-.0468								
2.86000															-.0807
3.54600					-.0123										
3.56700												-.0787			
4.27400									-.0543						-.0523
4.98200												-.0343			
5.63900															-.0267

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														-.0179	
-4.27400											-.0233				
-3.56700								.0071						.0179	
-3.55700		.0019									.0313				
-2.86000															
-2.85000					.0593									.0689	
-2.14300		.1038													

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS79)

MACH (6) = 1.250 RN/L (1) = 4.532

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0212					
-1.41400							.0636						.0240		
-.70700				.1233						.0068					
.00000	.1952						.0058						-.0219		
.70700				.0283						-.0047					
1.41400							.0384						.1484		
2.12100										.2408					
2.15300			-.0892												
2.85000															-.1058
2.86000						-.0733									
3.55700			-.0608						-.1137						
4.27400						-.0479						-.0756			
4.92200			-.0387						-.0417						
5.69300						-.0292									
6.39000			.0048												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39000		-.0452													
-5.69300					.0104										
-4.92200		.0095						-.0039							
-4.27400					.0068						.0136				
-3.55700		-.0053						-.0187							
-3.54600															-.0282
-2.89300					.0050										
-2.83900													-.0115		
-2.15300		.0444													
-2.13200										.0121					.0190
-1.42500							-.0011						.0127		
-.71800										.0485					.0206
-.70700	-.0158														
-.01100													.1380		
.00000				.0747											
.69700															.0818
.70700	.1060														
.72800									-.0678						
1.43500						-.0352						.0101			
2.14300			-.0212						.0097					-.0252	
2.85000						-.0542						.0046			
3.55700			-.0968						-.0186					-.0802	
4.28400						-.0745						-.0861			
4.97100									-.0798						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS79)

MACH (6) = 1.250 RN/L (1) = 4.532

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	4.97100	4.98200	5.68900	6.39600
-2.63200		-.0390		
-2.13200			-.0196	
-1.42500		-.0092		-.0405
-.71800			.0032	
-.01100		.0274		
2.89000	-.1028			

MACH (7) = 1.399 RN/L (1) = 4.504 P = 646.44 PT = 2054.6 TTF = 73.918 Q = 885.75

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.85000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											-.0440				
-4.26400									.0147					-.0007	
-3.55700							-.0118				-.0241				
-2.85000					-.0649				-.0160					-.0148	
-2.14300							-.0257				.0007				
-1.43500									.0280					.1119	
-.72800											.1045				
-.69700						.0361									
.01100				.0385				.0409							
.71800			.0273			.0260				-.0695					
1.42500	.0126			.0165				-.0107					-.0880		
2.13200			-.0209			-.0244				-.0489					
2.83900				-.0447				-.0434							
2.83900															-.0696
3.54600						-.0267									
3.55700												-.0876			
4.27400										-.0773					-.0574
4.98200												-.0480			
5.68900															-.0513

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72600	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.0238	
-4.98200											-.0395				
-4.27400								-.0160						-.0092	
-3.56700											.0126				
-3.55700			-.0176												
-2.83900														.0417	
-2.83900					.0302										
-2.14300			.0875												

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS79)

MACH (7) = 1.399 RN/L (1) = 4.504

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100															
-1.41400										.0130					
-.70700				.0972			.0551						.0139		
.00000	.1560									.0017					
.70700				.0170			.0029						-.0203		
1.41400										-.0068					
2.12100							.0252						.1258		
2.15300			-.0744							.2081					
2.85000															-.0787
2.83000						-.0631									
3.56700			-.0642						-.0834						
4.27400						-.0558						-.0816			
4.92200			-.0512						-.0659						
5.60000						-.0535									
6.39600			-.0293												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0387													
-5.60300					.0060										
-4.92200		-.0114						-.0185							
-4.27400					-.0128						-.0006				
-3.56700		-.0344						-.0319							
-3.54600															-.0445
-2.85000					-.0069										
-2.83000													-.0365		
-2.15300		.0369													
-2.13200										-.0171					.0052
-1.42500							-.0118						.0005		
-.71800										.0261					-.0011
-.70700	-.0195														
-.01100													.1221		
.00000				.0633											
.68700															.0942
.70700	.0837														
.72800									-.0604						
1.43500						-.0075						.0179			
2.14300			-.0078						.0160					-.0077	
2.85000						-.0298						.0108			
3.55700			-.0643						.0043					-.0804	
4.26400						-.0615						-.0788			
4.97100									-.0992						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS79)

MACH (7) = 1.399 RN/L (1) = 4.504

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0259		
-2.13200			-.0323	
-1.42500		-.0150		-.0496
-.71800			-.0203	
-.01100		.0082		
2.85000	-.0955			

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS80) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.001	PANEL =	45.000
GAP =	.017	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .600 RN/L (1) = 4.456 P = 2101.3 PT = 2680.6 TTF = 74.162 Q = 529.78

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											-.0428				
-4.26400								.0138						-.0048	
-3.55700						-.0197					-.0112				
-2.85000				-.0452				-.0035						.0133	
-2.14300						-.0165					-.0112				
-1.43500								-.0021						.0625	
-.72800											.0202				
-.69700					.0026										
.01100			-.0141				-.0566								
.71800		-.0189			-.0282					-.1393					
1.42500	-.0083		-.0208				-.0399						-.1374		
2.13200		-.0335			-.0282					-.0526					
2.83900			-.0253				-.0152								
2.86000															-.0586
3.54600					-.0115										
3.56700												-.0623			
4.27400									-.0557						-.0187
4.98200												-.0238			
5.68900															-.0254

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.0401	
-4.98200											-.0640				
-4.27400								-.0051						.0143	
-3.56700											.0238				
-3.55700		.0112													
-2.86000														.0348	
-2.85000					.0362										
-2.14300		.0521													
-2.12100										-.0395					
-1.41400							-.0036						-.1043		
-.70700				.0720						-.0529					
.00000	.1298						-.0573						-.0916		
.70700				-.0416						-.0710					
1.41400							-.0230						.0740		
2.12100										.1958					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS80)

MACH (1) = .600 RN/L (1) = 4.456

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			-.0806												
2.85000															-.0227
2.86000						-.0315									
3.56700			-.0171						-.0294						
4.27400						-.0097						-.0466			
4.98200			-.0126						-.0267						
5.68900						-.0137									
6.39600			-.0007												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0569													
-5.68900					-.0022										
-4.98200		.0035						-.0104							
-4.27400					-.0025						.0020				
-3.56700		-.0246						-.0193							
-3.54600															-.0417
-2.86000					-.0093										
-2.83900													-.0276		
-2.15300		-.0080													
-2.13200									-.0223						.0092
-1.42500							-.0401						-.0156		
-.71800									-.0111						-.0196
-.70700	-.0596														
-.01100													-.0041		
.00000				-.0093											
.69700															-.0836
.70700	.0113														
.72800									-.0415						
1.43500						-.0399						-.0222			
2.14300			-.0211						.0010					-.0071	
2.85000						-.0337						-.0042			
3.55700			-.0125						.0045					-.0367	
4.26400						-.0071						-.0117			
4.97100									-.0063						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0249		
-2.13200			-.0319	
-1.42500		-.0276		-.0639
-.71800			-.0276	
-.01100		-.0489		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS80)

MACH (1) = .600 RN/L (1) = 4.456

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	-.0405			

MACH (2) = .800 RN/L (1) = 4.493 P = 1476.1 PT = 2250.5 TTF = 70.919 Q = 661.61

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0629				
-4.26400								.1214						.1112	
-3.55700							.1018				.1062				
-2.85000					.0561			.1391						.1370	
-2.14300							.1248				.1274				
-1.43500								.1333						.1739	
-.72800											.1624				
-.69700						.1426									
.01100				.1392					.1132						
.71800			.1345			.1281						.0512			
1.42500		.1454		.1556					.1371						.0463
2.13200			.1498			.1541						.1345			
2.83900				.1624					.1624						
2.85000															.1467
3.54600						.1833									
3.56700													.1427		
4.27400										.1625					.1855
4.98200													.1957		
5.68900															.1986

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0738	
-4.98200											.0514				
-4.27400								.1097						.1338	
-3.56700											.1444				
-3.55700			.1274												
-2.85000														.1674	
-2.85000						.1504									
-2.14300			.1739												
-2.12100										.1189					
-1.41400							.1558						.0722		
-.70700				.1963						.1053					
.00000		.2212					.0982						.0771		
.70700				.1073						.0887					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS80)

MACH (2) = .800 RN/L (1) = 4.493

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
1.41400							.1396								
2.12100													.1996		
2.15300			.1118							.2857					
2.85000															.1662
2.86000						.1801									
3.55700			.1838					.1844							
4.27400						.2052						.1691			
4.98200			.2025					.1948							
5.68900						.1982									
6.39600			.2244												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		.0379													
-5.68900					.0937										
-4.98200		.1085						.0989							
-4.27400					.1089						.1137				
-3.55700		.0979						.0903							
-3.54600															.0814
-2.86000					.1216										
-2.83900													.1105		
-2.15300		.1349													
-2.13200									.1017						.1366
-1.42500							.0989						.1216		
-.71800									.1287						.1133
-.70700	.0966														
-.01100													.1550		
.00000				.1384											
.69700															.0859
.70700	.1392														
.72800								.1218							
1.43500						.1489						.1684			
2.14300			.1640					.1809						.1830	
2.85000						.1533						.1848			
3.55700			.1977					.1960						.1634	
4.26400						.1994						.1828			
4.97100								.1958							

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		.1024		
-2.13200			.1002	
-1.42500		.1130		.1013

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS80)

MACH (2) = .800 RN/I (1) = 4.493

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39500
X				
-.71800			.1120	
-.01100		.1126		
2.85000	.1571			

MACH (3) = .899 RN/L (1) = 4.475 P = 1263.9 PT = 2134.5 TTF = 72.105 Q = 714.46

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0173				
-4.26400									.0892					.0766	
-3.55700						.0614					.0742				
-2.85000					.0337				.0864					.1067	
-2.14300						.0854					.0908				
-1.43500									.1097					.1371	
-.72800											.1196				
-.69700				.0966											
.01100			.1009				.0847								
.71800		.1070		.0997						.0238					
1.42500	.1241		.1123				.1066						.0198		
2.13200		.1103		.1300						.1068					
2.83900			.1394				.1343								
2.86000															.1172
3.54600				.1556											
3.55700												.1383			
4.27400								.1517							.1650
4.98200												.1693			
5.66900															.1766

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0417	
-4.98200											.0031				
-4.27400								.0683						.0956	
-3.56700											.1087				
-3.55700		.0844													
-2.86000														.1204	
-2.85000					.1215										
-2.14300		.1358													
-2.12100										.0754					
-1.41400							.1167						.0407		
-.70700				.1555						.0689					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS80)

MACH (3) = .899 RN/L (1) = 4.475

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
.00000	.1755						.0745						.0582		
.70700				.0850						.0544					
1.41400							.1052						.1591		
2.12100										.2646					
2.15300			.0801												
2.85000															
2.86000						.1595									.1407
3.55700			.1515						.1556						
4.27400						.1786						.1517			
4.98200			.1894						.1811						
5.68900						.1884									
6.39600			.2045												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0169													
-5.68900					.0568										
-4.98200		.0710						.0540							
-4.27400					.0691						.0800				
-3.56700		0636						.0501							
-3.54600															.0325
-2.85000					.0781										
-2.83900													.0684		
-2.15300		.1011													
-2.13200										.0656					.0921
-1.42500							.0629						.0956		
-.71800										.1014					.0858
-.70700	.0739														
-.01100													.1091		
.00000					.1028										
.69700															.0725
.70700	.1022														
.72800								.0801							
1.43500						.1220						.1355			
2.14300			.1471					.1439						.1459	
2.85000						.1312						.1551			
3.55700			.1670					.1798						.1415	
4.26400						.1730						.1668			
4.97100								.1746							

Y / X	4.97100	4.98200	5.68900	6.39600
-2.83900		.0601		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS80)

MACH (3) = .899 RN/L (1) = 4.475

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			.0625	
-1.42500		.0759		.0678
-.71800			.0714	
-.01100		.0848		
2.85000	.1365			

MACH (4) = 1.049 RN/L (1) = 4.463 P = 1017.1 PT = 2039.8 TTF = 73.744 Q = 783.02

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0363				
-4.26400								.0229						.0095	
-3.55700						-.0091					-.0024				
-2.85000					-.0513			.0153						.0273	
-2.14300						.0151					.0162				
-1.43500								.0349						.0582	
-.72800											.0582				
-.69700					.0483										
.01100			.0240				.0039								
.71800		.0281			.0106					-.0428					
1.42500	.0649		.0490				.0492						-.0089		
2.13200		.0621			.0684					.0686					
2.83900			.0918				.0970								
2.86000															.0819
3.54600					.1333										
3.56700												.0838			
4.27400									.1238						.1356
4.98200												.1593			
5.68900															.1622

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0218	
-4.98200											-.0436				
-4.27400								-.0036						.0230	
-3.56700											.0367				
-3.55700		.0144													
-2.86000														.0561	
-2.85000					.0637										
-2.14300		.0780													
-2.12100										.0417					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS80)

MACH (4) = 1.049 RN/L (1) = 4.463

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-1.41400							.0471						-.0206		
-.70700				.0942						.0023					
.00000	.0916						.0093						.0037		
.70700				.0133						.0199					
1.41400							.0512						.0793		
2.12100										.1830					
2.15300			.0386												
2.85000															.0833
2.86000						.0948									
3.56700			.1122						.1250						
4.27400						.1560						.1498			
4.98200			.1614						.1650						
5.68900						.1780									
6.39600			.1979												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0428													
-5.68900					.0076										
-4.98200		.0059						-.0053							
-4.27400					.0089						.0111				
-3.56700		-.0036						-.0078							
-3.54600															-.0185
-2.85000					.0134										
-2.83900													-.0070		
-2.15300		.0447													
-2.13200										.0107					.0171
-1.42500							-.0070						.0201		
-.71800										.0302					.0210
-.70700	.0143														
-.01100													.0399		
.00000				.0435											
.69700															.0144
.70700	.0437														
.72800									.0326						
1.43500						.0439						.0583			
2.14300			.0720						.0868					.0911	
2.85000						.0961						.1234			
3.55700			.1380						.1302					.1052	
4.26400						.1496						.1457			
4.97100									.1639						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS80)

MACH (4) = 1.049 RN/L (1) = 4.463

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0052		
-2.13200			-.0098	
-1.42500		.0050		.0019
-.71800			.0033	
-.01100		-.0125		
2.85000	.0833			

MACH (5) = 1.098 RN/L (1) = 4.504 P = 959.06 PT = 2042.6 TTF = 73.953 Q = 809.29

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0122				
-4.26400									.0402					.0198	
-3.55700							-.0076				.0007				
-2.85000					-.0546				-.0012					.0118	
-2.14300							-.0096				-.0138				
-1.43500									.0037					.0313	
-.72800											.0219				
-.69700						.0115									
.01100			-.0019					-.0268							
.71800		.0014				-.0136				-.0732					
1.42500	-.0052		-.0188					-.0333					-.0714		
2.13200		-.0146				-.0172				-.0136					
2.83900			-.0054					.0223							
2.88000															.0016
3.54600						.0481									
3.56700												.0011			
4.27400									.0416						.0672
4.98200												.0977			
5.68900															.1180

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0098	
-4.98200											-.0302				
-4.27400								.0060						.0365	
-3.56700											.0325				
-3.55700		.0072													
-2.86000														.0406	
-2.85000					.0308										
-2.14300		.0217													

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS80)

MACH (5) = 1.098 RN/L (1) = 4.504

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0068					
-1.41400							.0252						-.0274		
-.70700				.0658						-.0145					
.00000	.0240						-.0206						-.0203		
.70700				-.0086						-.0117					
1.41400							.0177						.0597		
2.12100										.1329					
2.15300			-.0282												
2.85000															-.0114
2.86000						.0101									
3.56700			.0362						.0211						
4.27400						.0674						.0926			
4.98200			.1045						.0999						
5.68900						.1213									
6.39600			.1819												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0337													
-5.68900					.0275										
-4.98200		.0238						.0100							
-4.27400					.0204						.0268				
-3.56700		-.0034						-.0072							
-3.54600															-.0207
-2.86000					.0041										
-2.83900													-.0091		
-2.15300		.0190													
-2.13200										-.0114					.0105
-1.42500							-.0326						-.0109		
-.71800										.0002					-.0233
-.70700	-.0054														
-.01100													.0010		
.00000				-.0017											
.69700															-.0823
.70700	.0230														
.72800									-.0264						
1.43500						-.0054						.0025			
2.14300			.0034						.0187					.0193	
2.85000						-.0015						.0221			
3.55700			.0491						.0581					.0187	
4.26400						.0942						.0676			
4.97100									.1157						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS80)

MACH (5) = 1.098 RN/L (1) = 4.504

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0049		
-2.13200			-.0152	
-1.42500		-.0145		-.0252
-.71800			-.0107	
-.01100		-.0329		
2.85000	.0247			

MACH (6) = 1.249 RN/L (1) = 4.524 P = 787.19 PT = 2037.6 TTF = 74.406 Q = 860.22

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0423				
-4.26400								.0166						.0013	
-3.56700						-.0168					-.0145				
-2.85000				-.0672				-.0107						-.0061	
-2.14300						-.0222					-.0124				
-1.43500								-.0107						.0163	
-.72900											.0129				
-.69700					.0020										
.01100			.0001				-.0170								
.71800		-.0016			-.0058					-.0745					
1.42500	-.0049		-.0101				-.0198						-.0760		
2.13200		-.0288			-.0251					-.0295					
2.83300			-.0339				-.0298								
2.86000															-.0454
3.54000					-.0050										
3.56700												-.0564			
4.27400									-.0330						-.0286
4.98200												-.0132			
5.68900															-.0220

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0272	
-4.98200											-.0539				
-4.27400								-.0187						.0087	
-3.56700											.0130				
-3.55700		-.0094													
-2.86000														.0303	
-2.85000					.0180										
-2.14300		.0173													

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS80)

MACH (6) = 1.249 RN/L (1) = 4.524

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0134					
-1.41400							.0252						-.0357		
-.70700				.0446						-.0144					
.00000	.0300						-.0219						-.0170		
.70700				-.0131						-.0114					
1.41400							.0207						.0373		
2.12100										.1118					
2.15300			-.0427												
2.83900															
2.93900						-.0312									-.0381
3.56700			-.0240						-.0507						
4.27400						-.0171						-.0443			
4.98200			-.0089						-.0214						
5.68900						-.0273									
6.39600			.0016												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0495													
-5.68900					.0104										
-4.98200		.0043						-.0104							
-4.27400					-.0004						.0071				
-3.56700		-.0239						-.0231							
-3.54600															-.0382
-2.83900					-.0082										
-2.83900													-.0247		
-2.15300		.0149													
-2.13200										-.0135					.0094
-1.42500							-.0293						-.0099		
-.71800										-.0091					-.0250
-.70700	-.0073														
-.01100													-.0016		
.00000				-.0038											
.69700															-.0811
.70700	.0055														
.72800									-.0374						
1.43500						-.0374						-.0001			
2.14300			-.0192						.0007					-.0016	
2.85000						-.0364						.0084			
3.56700			-.0218						.0117					-.0301	
4.26400						-.0009						-.0159			
4.97100									-.0086						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS80)

MACH (6) = 1.249 RN/L (1) = 4.524

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0158		
-2.13200			-.0308	
-1.42500		-.0201		-.0468
-.71800			-.0298	
-.01100		-.0410		
2.85000	-.0135			

MACH (7) = 1.404 RN/L (1) = 4.511 P = 645.74 PT = 2065.2 TTF = 75.102 Q = 890.40

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0450				
-4.26400								.0194						.0035	
-3.55700							-.0123				-.0208				
-2.85000					-.0696			-.0153						-.0265	
-2.14300							-.0297				-.0350				
-1.43500								-.0137						.0067	
-.72800											.0078				
-.69700					-.0026										
.01100			.0018				-.0175								
.71800		.0063			.0177					-.0482					
1.42500	.0001		.0109				-.0015						-.0550		
2.13200		-.0277			-.0099					-.0229					
2.83900			-.0310				-.0283								
2.85000															-.0355
3.54600					-.0088										
3.56700												-.0623			
4.27400									-.0599						-.0393
4.98200												-.0368			
5.68900															-.0468

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0233	
-4.98200											-.0571				
-4.27400								-.0235						-.0022	
-3.56700											.0046				
-3.55700		-.0145													
-2.86000														.0228	
-2.85000					.0003										
-2.14300		.0204													

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS80)

MACH (7) = 1.404 RN/L (1) = 4.511

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0130					
-1.41400							.0253						-.0341		
-.70700				.0417						-.0178					
.00000	.0274						-.0203						-.0201		
.70700				-.0107						-.0146					
1.41400							.0228						.0420		
2.12100										.1163					
2.15300			-.0297												
2.85000															-.0418
2.85000						-.0187									
3.55700			-.0225						-.0531						
4.27400						-.0294						-.0620			
4.98200			-.0292						-.0384						
5.68900						-.0409									
6.39600			-.0113												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0375													
-5.68900					.0146										
-4.98200		-.0014						-.0118							
-4.27400					-.0108						-.0023				
-3.56700		-.0372						-.0315							
-3.54600															-.0463
-2.85000					-.0180										
-2.83900													-.0404		
-2.15300		.0154													
-2.13200										-.0217					-.0022
-1.42500							-.0280						-.0042		
-.71800										-.0045					-.0237
-.70700	-.0024														
-.01100													-.0051		
.00000				-.0030											
.69700															-.0619
.70700	.0033														
.72800									-.0310						
1.43500						-.0206						.0080			
2.14300			-.0068						.0125					.0061	
2.85000						-.0313						.0050			
3.55700			-.0310						.0072					-.0344	
4.26400						-.0186						-.0220			
4.97100									-.0111						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS80)

MACH (7) = 1.404 RN/L (1) = 4.511

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0326		
-2.13200			-.0349	
-1.42500		-.0174		-.0494
-.71800			-.0255	
-.01100		-.0403		
2.85000	-.0339			

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS81) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .067 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 4.469 P = 2127.5 PT = 2718.7 TTF = 79.972 Q = 540.42

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0354				
-4.26400									.0238					.0128	
-3.55700							-.0158				-.0082				
-2.85000					-.0475				-.0011					.0073	
-2.14300							-.0076				.0039				
-1.43500									.0081					.0466	
-.72800											.0443				
-.69700						-.0040									
.01100			-.0109					-.0444							
.71800		-.0137				-.0287						-.1254			
1.42500	-.0098		-.0161					-.0316					-.1267		
2.13200		-.0386				-.0088						-.0491			
2.83900			-.0287					-.0200							
2.86000															-.0458
3.54600						.0049									
3.56700													-.0678		
4.27400										-.0484					-.0093
4.99200													-.0248		
5.68900															-.0285

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0251	
-4.99200											-.0505				
-4.27400								-.0010						.0117	
-3.56700											.0281				
-3.55700		.0055													
-2.86000														.0318	
-2.85000					.0233										
-2.14300		.0458													
-2.12100										-.0441					
-1.41400							.0076						-.0669		
-.70700				.0656						-.0626					
.00000	.1313						-.0583						-.0626		
.70700				-.0236						-.0624					
1.41400							-.0076						.0791		
2.12100										.1959					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS81)

MACH (1) = .602 RN/L (1) = 4.469

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			-.0613												
2.65000															
2.86000						-.0251									-.0289
3.56700			-.0182						-.0180						
4.27400						-.0009						-.0350			
4.98200			.0075						-.0022						
5.68900						-.0127									
6.39600			.0075												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0386													
-5.68900					.0072										
-4.98200		.0005						-.0098							
-4.27400					-.0042						-.0135				
-3.56700		-.0127						-.0259							
-3.54600															-.0355
-2.86000					-.0190										
-2.83900													-.0128		
-2.15300		-.0010													
-2.13200										-.0236					.0023
-1.42500							-.0418						-.0199		
-.71800										.0017					-.0218
-.70700	-.0573														
-.01100													.0031		
.00000				.0005											
.69700															-.0793
.70700	.0157														
.72800									-.0289						
1.43500						-.0299						-.0038			
2.14300			-.0101						-.0038					.0030	
2.85000						-.0349						.0017			
3.55700			.0030						.0192					-.0195	
4.26400						-.0038						-.0176			
4.97100									-.0017						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0138		
-2.13200			-.0249	
-1.42500		-.0220		-.0751
-.71800			-.0350	
-.01100		-.0508		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS81)

MACH (1) = .602 RN/L (1) = 4.469

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	-.0341			

MACH (2) = .802 RN/L (1) = 4.511 P = 1488.1 PT = 2272.5 TTF = 73.674 Q = 669.65

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											.0148				
-4.26400								.0746						.0686	
-3.55700						.0435					.0655				
-2.85000				.0179				.0794						.0769	
-2.14300						.0775					.0741				
-1.43500								.0864						.1301	
-.72800											.1178				
-.69700					.0756										
.01100			.0792				.0478								
.71800		.0748			.0644					-.0199					
1.42500	.0877		.0892				.0574						-.0129		
2.13200		.0777			.0877					.0603					
2.83900			.0906				.0961								
2.85000															.0772
3.54600					.1271										
3.56700												.0677			
4.27400									.0946						.1292
4.93200												.1351			
5.63900															.1351

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														.0141	
-4.98200											.0059				
-4.27400								.0628						.0765	
-3.56700											.0911				
-3.55700		.0669													
-2.86000														.1031	
-2.85000					.0996										
-2.14300		.1253													
-2.12100										.0337					
-1.41400							.0809						.0251		
-.70700				.1346						.0479					
.00000	.1932						.0550						.0171		
.70700				.0524						.0321					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS81)

MACH (2) = .802 RN/L (1) = 4.511

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							.0721						.1444		
2.12100										.2371					
2.15300			.0349												
2.85000															.0937
2.83000						.0982									
3.56700			.1175						.1078						
4.27400						.1330						.1044			
4.90200			.1366						.1315						
5.68900						.1451									
6.39600			.1595												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0071													
-5.68900					.0557										
-4.90200		.0604						.0443							
-4.27400					.0572						.0578				
-3.56700		.0443						.0289							
-3.54900															.0216
-2.85000					.0553										
-2.83900													.0384		
-2.15300		.0696													
-2.13200										.0493					.0811
-1.42500							.0265						.0672		
-.71800										.0736					.0559
-.70700	.0272														
-.01100													.0849		
.00000				.1034											
.69700															.0314
.70700	.0911														
.72800									.0522						
1.43500						.0755						.1047			
2.14300			.0930						.1051					.1013	
2.85000						.0888						.1161			
3.55700			.1296						.1351					.0937	
4.26400						.1360						.1203			
4.97100									.1398						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0525		
-2.13200			.0489	
-1.42500		.0604		.0474

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS81)

MACH (2) = .802 RN/L (1) = 4.511

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			.0508	
-.01100		.0536		
2.85000	.0869			

MACH (3) = .898 RN/L (1) = 4.503 P = 1271.0 PT = 2145.1 TTF = 71.408 Q = 717.54

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.85000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100															
-4.26400											-.0052				
-3.55700								.0533						.0387	
-2.85000						.0268					.0264				
-2.14300				-.0096				.0541						.0563	
-1.43500						.0569					.0488				
-.72800								.0699						.1019	
-.69700											.0895				
.01100			.0536		.0559										
.71800		.0601					.0208								
1.42500	.0684		.0603		.0384					-.0424					
2.13200		.0565					.0429						-.0351		
2.83900			.0723		.0674					.0291					
2.86000							.0757								
3.54600															.0566
3.56700					.1057										
4.27400												.0667			
4.98200									.0744						.1111
5.68900												.1186			
															.1250

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900															
-4.98200														-.0038	
-4.27400											-.0144				
-3.55700								.0411						.0513	
-3.55700		.0377									.0599				
-2.86000															
-2.85000														.0803	
-2.14300		.0917			.0729										
-2.12100										.0280					
-1.41400							.0677						.0089		
-.70700				.1197						.0184					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS81)

MACH (3) = .898 RN/L (1) = 4.503

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.1640						.0245						.0066		
.70700				.0389						.0154					
1.41400							.0467						.1044		
2.12100										.2129					
2.15300			.0217												
2.85000															.0742
2.86000						.0853									
3.56700			.0942						.0997						
4.27400						.1175						.0888			
4.98200			.1297						.1123						
5.68900						.1291									
6.39600			.1522												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0238													
-5.68900					.0266										
-4.98200		.0336						.0120							
-4.27400					.0362						.0218				
-3.56700		.0176						-.0020							
-3.54600															.0047
-2.86000					.0234										
-2.83900													.0230		
-2.15300		.0501													
-2.13200										.0284					.0498
-1.42500							.0065						.0389		
-.71800										.0516					.0298
-.70700	.0140														
-.01100													.0568		
.00000				.0606											
.69700															.0180
.70700	.0658														
.72800									.0460						
1.43500						.0582						.0710			
2.14300			.0734						.0978					.0903	
2.85000						.0667						.1010			
3.55700			.1163						.1199					.0761	
4.26400						.1185						.1029			
4.97100									.1286						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		.0236		

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS81)

MACH (3) = .898 RN/L (1) = 4.503

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			.0222	
-1.42500		.0325		.0019
-.71800			.0339	
-.01100		.0266		
2.85000	.0686			

MACH (4) = 1.049 RN/L (1) = 4.507 P = 1025.5 PT = 2056.7 TTF = 73.116 Q = 789.52

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0389				
-4.26400								.0226						.0108	
-3.55700						-.0088					-.0074				
-2.85000				-.0594				.0002						.0118	
-2.14300						-.0045					.0005				
-1.43500								.0367						.0383	
-.72800											.0279				
-.69700					.0102										
.01100			.0123				-.0273								
.71800		.0246			.0044					-.0885					
1.42500	.0220		.0025				.0025						-.0494		
2.13200		.0159			.0188					-.0079					
2.83900			.0423				.0416								
2.86000															.0282
3.54600					.0770										
3.56700												.0413			
4.27400									.0725						.0957
4.98200												.1115			
5.68900															.1242

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0243	
-4.98200											-.0398				
-4.27400								.0022						.0184	
-3.56700											.0295				
-3.55700		.0007													
-2.86000														.0501	
-2.85000					.0338										
-2.14300		.0377													
-2.12100										.0032					

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS81)

MACH (4) = 1.049 RN/L (1) = 4.507

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-1.41400							.0384						-.0190		
-.70700				.0847						-.0039					
.00000	.0892						-.0051						-.0148		
.70700				-.0067						-.0041					
1.41400							.0268						.0507		
2.12100										.1562					
2.15300			-.0070												
2.83900															.0374
2.85000						.0443									
3.56700			.0695						.0574						
4.27400						.1169						.0896			
4.98200			.1188						.1036						
5.68900						.1256									
6.39600			.1542												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0475													
-5.68900					.0084										
-4.98200		.0077						-.0142							
-4.27400					-.0007						.0006				
-3.56700		-.0178						-.0280							
-3.54600															-.0402
-2.85000					-.0076										
-2.83900													-.0086		
-2.15300		.0142													
-2.13200										-.0030					.0089
-1.42500							-.0353						-.0026		
-.71800										-.0017					-.0104
-.70700	-.0155														
-.01100													.0180		
.00000				.0148											
.69700															-.0350
.70700	.0101														
.72800									-.0212						
1.43500						.0160						.0342			
2.14300			.0335						.0568					.0468	
2.85000						.0305						.0783			
3.55700			.0924						.0933					.0632	
4.26400						.1115						.0935			
4.97100									.1144						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS81)

MACH (4) = 1.049 RN/L (1) = 4.507

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.99200	5.68900	6.39600
X				
-2.83900		-.0165		
-2.13200			-.0173	
-1.42500		-.0167		-.0362
-.71800			-.0236	
-.01100		-.0306		
2.85000	.0482			

MACH (5) = 1.094 RN/L (1) = 4.489 P = 957.64 PT = 2029.9 TTF = 72.559 Q = 802.42

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100												-.0300			
-4.26400									.0269					.0126	
-3.55700							-.0248					-.0122			
-2.85000					-.0761				-.0145					-.0090	
-2.14300							-.0246					-.0236			
-1.43500									-.0073					.0019	
-.72800												.0175			
-.69700						-.0037									
.01100			-.0092					-.0435							
.71800		-.0016				-.0290					-.0837				
1.42500	-.0117		-.0157					-.0189					-.0672		
2.13200		-.0200				-.0154					-.0256				
2.83900			-.0081					.0005							
2.86000															-.0245
3.54600						.0320									
3.56700													-.0220		
4.27400										-.0030					.0405
4.98200												.0748			
5.68900															.1017

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0173	
-4.98200											-.0358				
-4.27400								-.0141						.0189	
-3.56700											.0177				
-3.55700		-.0066													
-2.86000														.0218	
-2.85000					.0069										
-2.14300		.0087													

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS81)

MACH (5) = 1.094 RN/L (1) = 4.489

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y / X	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0074					
-1.41400							.0204						-.0170		
-.70700				.0361						-.0071					
.00000	.0433						-.0100						-.0087		
.70700				-.0114						-.0087					
1.41400							.0151						.0344		
2.12100										.1004					
2.15300			-.0365												
2.85000															-.0287
2.86000						-.0165									
3.56700			.0063						.0072						
4.27400						.0460						.0265			
4.98200			.0660						.0684						
5.68900						.0946									
6.39600			.1428												

Y / X	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0301													
-5.68900					.0207										
-4.98200		.0137						-.0001							
-4.27400					.0046						.0013				
-3.55700		-.0260						-.0346							
-3.54600															-.0443
-2.86000					-.0152										
-2.83900													-.0343		
-2.15300		.0044													
-2.13200										-.0240					-.0067
-1.42500							-.0425						-.0183		
-.71800										-.0135					-.0329
-.70700	.0036														
-.01100													-.0076		
.00000				-.0052											
.69700															-.0637
.70700	-.0029														
.72800									-.0324						
1.43500						-.0236						.0028			
2.14300			-.0107						.0064					.0125	
2.85000						-.0148						.0175			
3.55700			.0450						.0420					.0071	
4.26400						.0494						.0401			
4.97100									.0840						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS81)

MACH (5) = 1.094 RN/L (1) = 4.489

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0258		
-2.13200			-.0343	
-1.42500		-.0219		-.0644
-.71800			-.0301	
-.01100		-.0513		
2.85000	-.0035			

MACH (6) = 1.250 RN/L (1) = 4.584 P = 791.44 PT = 2049.7 TTF = 71.478 Q = 865.39

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0442				
-4.26400								.0216						.0007	
-3.55700						-.0176					-.0196				
-2.85000				-.0646				-.0075						-.0112	
-2.14300						-.0229					-.0209				
-1.43500								-.0016						.0063	
-.72200											.0199				
-.69700					.0016										
.01100			.0021				-.0277								
.71600		-.0017			-.0094					-.0820					
1.42500	-.0158		-.0181				-.0316						-.0786		
2.13200		-.0429			-.0334					-.0416					
2.83900			-.0341				-.0220								
2.86000															-.0361
3.54600					-.0120										
3.55700												-.0652			
4.27400									-.0564						-.0280
4.98200												-.0384			
5.68900															-.0449

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0327	
-4.98200											-.0480				
-4.27400								-.0232						.0043	
-3.56700											.0120				
-3.55700		-.0104													
-2.86000														.0257	
-2.85000					.0066										
-2.14300		.0148													

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS81)

MACH (6) = 1.250 RN/L (1) = 4.584

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-2.12100										-.0001					
-1.41400							.0181						-.0346		
-.70700				.0420						-.0162					
.00000	.0371						-.0195						-.0187		
.70700				-.0135						-.0123					
1.41400							.0121						.0402		
2.12100										.1069					
2.15300			-.0388												
2.65000															-.0322
2.86000						-.0253									
3.56700			-.0236						-.0410						
4.27400						-.0186						-.0467			
4.98200			-.0262						-.0354						
5.68900						-.0369									
6.39600			-.0115												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0445													
-5.68900					.0063										
-4.98200		-.0034						-.0140							
-4.27400					-.0099						-.0110				
-3.56700		-.0312						-.0484							
-3.54600															-.0469
-2.86000					-.0215										
-2.83900													-.0268		
-2.15300		.0040													
-2.13200										-.0136					.0019
-1.42500							-.0380						-.0146		
-.71800										-.0185					-.0360
-.70700	-.0040														
-.01100													-.0149		
.00000				-.0075											
.69700															-.0794
.70700	-.0037														
.72800									-.0312						
1.43500						-.0286						-.0064			
2.14300			-.0128						.0116					.0054	
2.85000						-.0338						.0140			
3.55700			-.0133						.0102					-.0305	
4.26400						-.0054						-.0188			
4.97100									-.0195						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3T581)

MACH (6) = 1.250 RN/L (1) = 4.584

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0238		
-2.13200			-.0304	
-1.42500		-.0284		-.0677
-.71800			-.0385	
-.01100		-.0472		
2.85000	-.0307			

MACH (7) = 1.401 RN/L (1) = 4.615 P = 654.22 PT = 2084.3 TTF = 69.838 Q = 898.59

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0475				
-4.26400								.0189						.0004	
-3.55700						-.0166					-.0231				
-2.85000				-.0626				-.0138						-.0169	
-2.14300						-.0217					-.0309				
-1.43500								-.0043						.0068	
-.72800											.0205				
-.69700					-.0058										
.01100			-.0016				-.0196								
.71800		-.0038			-.0028					-.0577					
1.42500	-.0063		.0014				-.0047						-.0664		
2.13200		-.0309			-.0196					-.0311					
2.83900			-.0336				-.0235								
2.86000															-.0357
3.54600					-.0025										
3.56700												-.0595			
4.27400									-.0598						-.0349
4.98200												-.0343			
5.68900															-.0477

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0271	
-4.98200											-.0472				
-4.27400								-.0258						-.0041	
-3.56700											.0126				
-3.55700			-.0168												
-2.86000														.0248	
-2.85000					.0036										
-2.14300		.0123													

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS81)

MACH (7) = 1.401 RN/L (1) = 4.615

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-2.12100										.0043					
-1.41400							.0195						-.0268		
-.70700				.0324						-.0135					
.00000	.0282						-.0150						-.0113		
.70700				-.0122						-.0089					
1.41400							.0136						.0364		
2.12100										.1134					
2.15300			-.0283												
2.85000															-.0381
2.86000						-.0170									
3.56700			-.0238						-.0321						
4.27400						-.0175						-.0479			
4.98200			-.0246						-.0272						
5.68900						-.0294									
6.39600			-.0020												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0401													
-5.68900					.0108										
-4.98200		-.0046						-.0117							
-4.27400					-.0099						-.0083				
-3.56700		-.0282						-.0422							
-3.54600															-.0479
-2.86000					-.0194										
-2.83900													-.0340		
-2.15300		.0081													
-2.13200										-.0276					.0022
-1.42500							-.0322						-.0042		
-.71800										-.0121					-.0305
-.70700	.0028														
-.01100													-.0130		
.00000				-.0056											
.69700															-.0596
.70700	-.0007														
.72800									-.0331						
1.43500						-.0100						.0079			
2.14300			-.0099						.0105					.0087	
2.85000						-.0354						.0140			
3.55700			-.0152						.0104					-.0262	
4.26400						-.0067						-.0130			
4.97100									-.0050						

OA-252 (P45) SURFACE PRESS ON 45 DEG PANEL (R3TS81)

MACH (7) = 1.401 RN/L (1) = 4.615

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0235		
-2.13200			-.0235	
-1.42500		-.0210		-.0669
-.71800			-.0319	
-.01100		-.0525		
2.85000	-.0425			

CA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS82) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 45.000
GAP = .030 STEP-F = -.020
STEP-A = -.020

MACH (1) = 1.049 RN/L (1) = 4.502 P = 1027.0 PT = 2059.6 TTF = 74.127 Q = 790.61

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
-4.97100											-.0368				
-4.26400								.0192						-.0007	
-3.55700							-.0183				-.0103				
-2.85000				-.0366				-.0058						-.0058	
-2.14300							-.0083				-.0203				
-1.43500								-.0024						.0037	
-.72800											-.0027				
-.69700					.0114										
.01100			.0160				-.0037								
.71800		.0268			.0448					.0237					
1.42500	.0518		.0634				.0509						.0316		
2.13200		.0679			.0930					.0957					
2.83900			.0962				.0950								
2.86000															.0988
3.54600					.1283										
3.56700												.1006			
4.27400									.1140						.1453
4.98200												.1567			
5.68900															.1517

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-5.68900														-.0393	
-4.98200											-.0575				
-4.27400								-.0077						-.0086	
-3.56700											.0174				
-3.55700		-.0176													
-2.86000														-.0150	
-2.85000					-.0275										
-2.14300		.0048													
-2.12100										.0854					
-1.41400							.0752						.1073		
-.70700				.0716						.1059					
.00000	.0666						.0923						.1056		
.70700				.0840						.1001					
1.41400							.1011						.1021		
2.12100										.0995					

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS82)

MACH (1) = 1.049 RN/L (1) = 4.502

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
2.15300			.0805												
2.85000															
2.85000						.1260									.1078
3.56700			.1372						.1415						
4.27400						.1589						.1333			
4.98200			.1719						.1601						
5.68900						.1560									
6.39600			.1870												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0521													
-5.68900					-.0244										
-4.98200		-.0033						-.0179							
-4.27400					.0025						.0076				
-3.56700		-.0148						.0010							
-3.54600															
-2.86000															-.0216
-2.83900					.0172										
-2.15300		.0406											.0053		
-2.13200															
-1.42500									-.0041						.0165
-.71800							-.0150						.0051		
-.70700	.1070								.0294						.0035
-.01100															
.00000				.1054									.0009		
.69700															
.70700	.1004														-.0233
.72800															
1.43500								.0223							
2.14300			.0795			.0556						.0588			
2.85000								.0992						.0979	
3.55700			.1482			.1069						.1189			
4.26400								.1371						.1210	
4.97100						.1464						.1414			
								.1632							

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0056		
-2.13200			-.0063	
-1.42500		-.0021		-.0083
-.71800			-.0420	
-.01100		-.0171		

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS82)

MACH (1) = 1.049 RN/L (1) = 4.502

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
2.85000	.0849			

MACH (2) = 1.096 RN/L (1) = 4.507 P = 965.42 PT = 2050.4 TTF = 75.137 Q = 811.29

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100												-.0214			
-4.26400								.0375						.0207	
-3.55700						-.0008						-.0042			
-2.85000				-.0340				-.0049						-.0068	
-2.14300						-.0086						-.0305			
-1.43500								-.0200						-.0031	
-.72800												-.0170			
-.69700					-.0050										
.01100			-.0053				-.0322								
.71800		-.0123			-.0123					-.0408					
1.42500	.0104		-.0069				-.0037						-.0270		
2.13200		.0192			.0059					.0162					
2.83900			.0251				.0326								
2.86000															.0363
3.54600					.0733										
3.56700											.0247				
4.27400									.0950						.0924
4.98200											.1380				
5.68900															.1485

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0191	
-4.98200											-.0374				
-4.27400								.0193						.0068	
-3.56700											.0264				
-3.55700		-.0021													
-2.86000														-.0168	
-2.85000					-.0312										
-2.14300		-.0052													
-2.12100										.0907					
-1.41400							.0745						.1046		
-.70700				.0654						.0991					
.00000	.0617						.0780						.0743		
.70700				.0603						.0570					

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS82)

MACH (2) = 1.096 RN/L (1) = 4.507

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
1.41400							.0731						.0684		
2.12100										.0731					
2.15300			-.0181												
2.85000															.0562
2.86000					.0543										
3.56700			.0793					.0814							
4.27400					.0959							.0819			
4.98200			.1468					.1284							
5.68900					.1511										
6.39600			.1938												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0358													
-5.68900					-.0116										
-4.98200		.0164						-.0138							
-4.27400					.0159						.0230				
-3.56700		-.0045						.0067							
-3.54600															-.0131
-2.86000					.0262										
-2.83900													.0067		
-2.15300		.0385													
-2.13200										-.0099					.0116
-1.42500							-.0268						-.0083		
-.71800										-.0041					-.0217
-.70700	.0742														
-.01100													-.0240		
.00000				.0656											
.69700															-.0715
.70700	.0679														
.72800								-.0359							
1.43500						-.0016						-.0125			
2.14300			.0026					.0321						.0230	
2.85000						.0322						.0420			
3.55700			.1115					.0934						.0759	
4.26400						.1178						.1216			
4.97100								.1379							

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0028		
-2.13200			-.0102	
-1.42500		-.0072		-.0180

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS82)

MACH (2) = 1.096 RN/L (1) = 4.507

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-.71800			-.0569	
-.01100		-.0477		
2.85000	.0356			

MACH (3) = 1.249 RN/L (1) = 4.554 P = 799.21 PT = 2068.1 TTF = 77.643 Q = 873.00

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0402				
-4.26400								.0191						-.0050	
-3.55700						-.0106					-.0145				
-2.85000				-.0388				-.0140						-.0140	
-2.14300						-.0135					-.0298				
-1.43500								-.0230						-.0039	
-.72800											-.0186				
-.69700					-.0090										
.01100			-.0100				-.0308								
.71800		.0033			-.0123					-.0308					
1.42500	-.0032		-.0113				-.0072						-.0316		
2.13200		-.0285			-.0051					-.0053					
2.83900			-.0152				-.0113								
2.86000															-.0372
3.54600					-.0012										
3.56700												-.0340			
4.27400									-.0307						-.0208
4.98200												.0018			
5.68900															.0032

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0384	
-4.98200											-.0505				
-4.27400								-.0029						-.0181	
-3.56700											.0097				
-3.55700		-.0236													
-2.86000														-.0273	
-2.85000					-.0419										
-2.14300		-.0060													
-2.12100										.0644					
-1.41400							.0525						.0857		
-.70700				.0510						.0776					

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS82)

MACH (3) = 1.249 RN/L (1) = 4.554

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
.00000	.0485						.0510						.0446		
.70700				.0349						.0259					
1.41400							.0331						.0328		
2.12100										.0288					
2.15300			-.0315												
2.85000															-.0139
2.86000						-.0171									
3.56700			-.0101						.0040						
4.27400						.0009						-.0140			
4.98200			.0099						.0009						
5.68900						.0052									
6.39600			.0206												

Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
X															
-6.39600		-.0463													
-5.68900					-.0181										
-4.98200		-.0006						-.0201							
-4.27400					-.0036						.0090				
-3.56700		-.0237						-.0095							
-3.54600															-.0308
-2.86000					.0074										
-2.83900													-.0077		
-2.15300		.0361													
-2.13200										.0001					.0100
-1.42500							-.0126						-.0079		
-.71800										-.0097					-.0225
-.70700	.0522														
-.01100													-.0405		
.00000				.0270											
.69700															-.0687
.70700	.0311														
.72800									-.0480						
1.43500						-.0175						-.0253			
2.14300			-.0272						-.0078					-.0032	
2.85000						-.0337						-.0034			
3.55700			.0065						.0143					-.0128	
4.26400						.0111						.0137			
4.97100									.0318						

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0144		

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS82)

MACH (3) = 1.249 RN/L (1) = 4.554

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.13200			-.0202	
-1.42500		-.0126		-.0333
-.71800			-.0631	
-.01100		-.0339		
2.85000	-.0094			

MACH (4) = 1.403 RN/L (1) = 4.511 P = 659.18 PT = 2107.0 TTF = 83.167 Q = 908.39

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	-6.39600	-5.68900	-4.98200	-4.97100	-4.27400	-4.26400	-3.56700	-3.55700	-3.54600	-2.86000	-2.85000	-2.83900	-2.15300	-2.14300	-2.13200
X															
-4.97100											-.0300				
-4.26400								.0244						-.0070	
-3.55700						-.0137					-.0172				
-2.85000					-.0423			-.0156						-.0278	
-2.14300						-.0244					-.0446				
-1.43500								-.0261						-.0136	
-.72800											-.0180				
-.69700					-.0096										
.01100			-.0113				-.0360								
.71800		-.0093			-.0075					-.0269					
1.42500	-.0066		.0014				.0061						-.0172		
2.13200		-.0244			-.0050					-.0025					
2.83900			-.0144				-.0110								
2.86000															-.0274
3.54600					-.0011										
3.56700												-.0498			
4.27400									-.0493						-.0257
4.98200												-.0260			
5.68900															-.0268

Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
X															
-5.68900														-.0340	
-4.98200											-.0546				
-4.27400								-.0181						-.0323	
-3.56700											-.0028				
-3.55700		-.0283													
-2.86000														-.0447	
-2.85000					-.0588										
-2.14300		-.0173													
-2.12100										.0530					

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS82)

MACH (4) = 1.403 RN/L (1) = 4.511

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

X \ Y	-2.12100	-1.43500	-1.42500	-1.41400	-.72800	-.71800	-.70700	-.69700	-.01100	.00000	.01100	.69700	.70700	.71800	.72800
-1.41400							.0411						.0715		
-.70700				.0335						.0658					
.00000	.0284						.0401						.0392		
.70700				.0272						.0344					
1.41400							.0231						.0255		
2.12100										.0217					
2.15300			-.0178												
2.85000															-.0087
2.86000						-.0027									
3.56700			-.0110						-.0109						
4.27400						-.0126						-.0381			
4.98200			-.0171						-.0193						
5.68900						-.0179									
6.39600			.0023												

X \ Y	1.41400	1.42500	1.43500	2.12100	2.13200	2.14300	2.15300	2.83900	2.85000	2.86000	3.54600	3.55700	3.56700	4.26400	4.27400
-6.39600		-.0323													
-5.68900					-.0130										
-4.98200		-.0051						-.0183							
-4.27400					-.0138						.0026				
-3.56700		-.0410						-.0202							
-3.54600															-.0307
-2.86000					-.0063										
-2.83900													-.0240		
-2.15300		.0290													
-2.13200										-.0219					.0060
-1.42500							-.0194						-.0011		
-.71800										-.0068					-.0191
-.70700	.0496														
-.01100													-.0476		
.00000				.0235											
.69700															-.0690
.70700	.0255														
.72800									-.0463						
1.43500						-.0029						-.0088			
2.14300			-.0118						.0012					.0001	
2.85000						-.0168						-.0001			
3.55700			.0021						.0021					-.0229	
4.26400						-.0085						-.0029			
4.97100									.0077						

OA-252 (P45+A) SURFACE PRESS ON 45 DEG PANEL (R3TS82)

MACH (4) = 1.403 RN/L (1) = 4.511

SECTION (1)45 DEG SURFACE DEPENDENT VARIABLE CP

Y	4.97100	4.98200	5.68900	6.39600
X				
-2.83900		-.0280		
-2.13200			-.0292	
-1.42500		-.0074		-.0343
-.71800			-.0737	
-.01100		-.0391		
2.85000	-.0154			

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW01) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .603 RN/L (1) = 2.025 P = 937.84 PT = 1198.8 TTF = 68.790 Q = 238.51

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0524	.0302	.0314	.0425	.0536	.0489	.0446	.0271	.0372	.1339	.0512	.0607	.0271	.0505	.0373
-1.20000	.0372	.0366	.0337	.0408	.0500	.0372	.0476	.0200	.0506	.0912	-.0209	-.0310	.0294	.0522	.0320
-.40000	.0314	.0255	.0214	.0360	.0655	.0360	.0321	.0153	.0436	.1001	.0155	-.0858	.0247	.0540	.0350

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0301	.0063	-.0092	.0329	.0340	.0762	.0272	.0648	.1192	.1657	.0412	.0213	.1016	.0441	.0355
-1.20000	.0313	-.0532	-.0216	.0170	.0304	.0715	.0184	-.0026	-.0444	.1063	.0435	.0155	.0810	.0441	.0314
-.40000	.0172	-.0485	-.0004	.0112	.0263	.0562	.0290	-.0847	.1922	.2629	.0471	.0272	-.1534	.0288	.0302

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0450	.0407	.0770	.0453
-1.20000	.0344	.0383	.0383	.0382
-.40000	.0274	.0530	.0331	.0341

MACH (2) = .896 RN/L (1) = 1.980 P = 562.28 PT = 947.03 TTF = 72.628 Q = 316.07

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0348	.0259	.0242	.0330	.0442	.0454	.0401	.0247	.0392	.0967	.0424	.0618	.0273	.0438	.0339
-1.20000	.0343	.0258	.0258	.0265	.0374	.0308	.0356	.0104	.0321	.0680	-.0077	-.0326	.0184	.0429	.0249
-.40000	.0277	.0224	.0224	.0253	.0527	.0233	.0334	.0077	.0290	.0904	.0234	-.0637	.0140	.0395	.0240

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0228	.0037	-.0086	.0206	.0238	.0661	.0223	.0324	.0948	.1426	.0371	.0210	.0761	.0461	.0417
-1.20000	.0223	-.0445	-.0251	.0224	.0171	.0583	.0205	-.0050	-.0288	.0917	.0362	.0135	.0667	.0394	.0421
-.40000	.0117	-.0382	.0017	.0068	.0171	.0504	.0179	-.0547	.1355	.2653	.0483	.0205	.1301	.0300	.0355

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW01)

MACH (2) = .896 RN/L (1) = 1.980

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0453	.0449	.0657	.0434
-1.20000	.0431	.0409	.0360	.0434
-.40000	.0377	.0489	.0400	.0345

MACH (3) = 1.081 RN/L (1) = 1.983 P = 429.31 PT = 895.40 TTF = 71.164 Q = 351.15

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0585	.0451	.0395	.0556	.0626	.0574	.0719	.0453	.0863	.1133	.1381	.1296	.1206	.0826	.0935
-1.20000	.0502	.0490	.0411	.0548	.0589	.0502	.0666	.0405	.0807	.1178	.0930	.0739	.0813	.0826	.0923
-.40000	.0486	.0435	.0375	.0496	.0780	.0387	.0418	.0269	.0768	.1319	.1190	.0707	.0613	.0826	.1044

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0916	.0938	.0742	.0926	.1487	.2258	.1465	.0842	.1426	.1755	.1738	.1890	.2204	.2042	.2554
-1.20000	.0670	.0630	.0730	.0749	.1531	.2017	.2068	.0738	.0680	.1194	.1838	.1850	.2225	.1950	.2494
-.40000	.0666	.0926	.0818	.0681	.1459	.1964	.1846	.0627	.1454	.2229	.1990	.1461	.1767	.1766	.2470

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2533	.2505	.2366	.2527
-1.20000	.2497	.2529	.2402	.2487
-.40000	.2481	.2458	.2323	.2691

MACH (4) = 1.255 RN/L (1) = 2.049 P = 352.22 PT = 918.74 TTF = 72.419 Q = 388.45

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0504	.0425	.0403	.0441	.0486	.0514	.0549	.0401	.0604	.0821	.0722	.0733	.0640	.0519	.0519
-1.20000	.0471	.0432	.0425	.0437	.0475	.0489	.0512	.0376	.0529	.0762	.0387	.0265	.0510	.0563	.0523
-.40000	.0439	.0414	.0378	.0412	.0858	.0385	.0405	.0285	.0522	.0806	.0670	.0030	.0463	.0508	.0523

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0563	.0207	.0115	.0517	.1045	.1455	.0833	.0419	.1017	.1290	.1174	.0913	.1566	.1562	.2245
-1.20000	.0552	.0044	.0068	.0448	.0813	.1408	.0642	.0303	.0265	.0810	.1083	.1046	.1722	.1359	.2238

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW01)

MACH (4) = 1.255 RN/L (1) = 2.049

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0412	.0040	.0115	.0114	.0595	.1106	.0736	.0289	.1301	.2138	.1184	.0830	.3089	.1101	.2075

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2267	.2364	.2321	.2131
-1.20000	.1919	.2468	.2162	.2243
-.40000	.2060	.2151	.1997	.1982

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW02) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = -.003 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .608 RN/L (1) = 2.046 P = 943.50 PT = 1210.8 TTF = 71.024 Q = 243.96

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0476	.0273	.0250	.0309	.0362	.0470	.0437	.0174	.0314	.1245	.0379	.0565	.0151	.0455	.0194
-1.20000	.0337	.0291	.0238	.0355	.0431	.0430	.0460	.0185	.0412	.0916	-.0184	-.0446	.0208	.0553	.0258
-.40000	.0273	.0233	.0221	.0286	.0518	.0198	.0321	.0058	.0366	.1135	.0077	-.0870	.0139	.0639	.0194

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0200	.0081	-.0083	.0243	.0156	.0696	.0177	.0410	.1020	.1652	.0428	.0085	.1096	.0439	.0313
-1.20000	.0223	-.0672	-.0314	.0116	.0191	.0702	.0074	-.0072	-.0273	.1044	.0462	-.0006	.0881	.0462	.0318
-.40000	.0183	-.0574	-.0100	.0000	.0122	.0379	.0131	-.0830	.1838	.2882	.0387	.0241	.0464	.0324	.0318

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0435	.0235	.1073	.0497
-1.20000	.0377	.0177	.0838	.0399
-.40000	.0355	.0200	.0539	.0370

MACH (2) = .903 RN/L (1) = 2.030 P = 572.18 PT = 971.08 TTF = 74.022 Q = 326.71

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0414	.0279	.0275	.0424	.0516	.0396	.0412	.0120	.0331	.0950	.0482	.0603	.0219	.0538	.0358
-1.20000	.0396	.0267	.0223	.0364	.0447	.0401	.0399	.0168	.0318	.0722	-.0084	-.0250	.0168	.0577	.0293
-.40000	.0336	.0206	.0219	.0351	.0603	.0271	.0329	.0120	.0314	.0907	.0260	-.0624	.0142	.0517	.0310

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0266	.0031	-.0118	.0168	.0224	.0699	.0202	.0455	.1035	.1374	.0392	.0236	.1083	.0539	.0468
-1.20000	.0189	-.0421	-.0269	.0224	.0233	.0673	.0151	.0030	-.0141	.0923	.0344	.0035	.0910	.0409	.0404
-.40000	.0129	-.0374	-.0036	.0090	.0198	.0379	.0193	-.0536	.1587	.2481	.0353	.0211	.0476	.0323	.0408

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW02)

MACH (2) = .903 RN/L (1) = 2.030

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0532	.0335	.0901	.0565
-1.20000	.0497	.0245	.0768	.0495
-.40000	.0445	.0339	.0588	.0452

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW03) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = -.003 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 2.034 P = 946.33 PT = 1209.4 TTF = 70.431 Q = 240.46

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0540	.0211	.0293	.0414	.0486	.0516	.0427	.0211	.0405	.1147	.0386	.0539	.0287	.0494	.0276
-1.20000	.0458	.0252	.0311	.0391	.0457	.0469	.0345	.0170	.0399	.0772	-.0210	-.0381	.0217	.0559	.0270
-.40000	.0387	.0387	.0252	.0315	.0563	.0246	.0303	.0094	.0399	.0959	.0227	-.0888	.0187	.0652	.0305

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0298	.0062	-.0122	.0299	.0249	.0715	.0193	.0450	.1065	.1541	.0287	.0117	.1112	.0498	.0293
-1.20000	.0292	-.0662	-.0397	.0258	.0132	.0598	.0205	-.0098	-.0300	.1165	.0375	.0006	.0747	.0510	.0298
-.40000	.0117	-.0533	-.0111	.0047	.0191	.0410	.0199	-.0866	.1941	.2618	.0469	.0257	.0500	.0287	.0304

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0441	.0362	.1149	.0474
-1.20000	.0394	.0240	.0811	.0398
-.40000	.0347	.0210	.0584	.0351

MACH (2) = .903 RN/L (1) = 2.034 P = 572.89 PT = 971.79 TTF = 73.395 Q = 326.77

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0429	.0260	.0234	.0306	.0377	.0412	.0351	.0172	.0282	.0879	.0434	.0564	.0177	.0433	.0207
-1.20000	.0321	.0243	.0234	.0318	.0434	.0433	.0360	.0198	.0295	.0672	-.0119	-.0262	.0151	.0484	.0276
-.40000	.0260	.0217	.0169	.0254	.0556	.0221	.0316	.0056	.0295	.0802	.0212	-.0685	.0108	.0467	.0207

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0207	-.0066	-.0194	.0228	.0149	.0673	.0160	.0295	.0899	.1367	.0332	.0173	.0938	.0478	.0372
-1.20000	.0173	-.0461	-.0289	.0142	.0140	.0595	.0126	-.0060	-.0203	.0864	.0345	.0023	.0821	.0444	.0437
-.40000	.0074	-.0427	-.0087	-.0004	.0106	.0380	.0100	-.0621	.1484	.2481	.0366	.0186	.0448	.0280	.0282

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW03)

MACH (2) = .903 RN/L (1) = 2.034

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0530	.0310	.0966	.0521
-1.20000	.0491	.0212	.0717	.0452
-.40000	.0370	.0314	.0520	.0340

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW04) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .604 RN/L (1) = 4.612 P = 2187.6 PT = 2798.0 TTF = 79.347 Q = 557.69

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0364	.0232	.0308	.0306	.0375	.0339	.0191	.0281	.0400	-.0009	.0312	.1362	.0385	.0262	.0466
-1.20000	.0250	.0319	.0283	.0155	.0257	.0364	.0312	.0256	.0405	-.0484	-.0185	.0840	.0357	.0156	.0378
-.40000	.0172	.0268	.0283	.0082	.0325	.0311	.0125	.0079	.0425	-.0532	.0191	.0925	.0238	.0199	.0866

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0336	-.0235	-.0034	.0228	.0726	.0318	.0349	.1344	.0465	.0295	.0246	.0457	.1306	.0203	.0488
-1.20000	.0070	-.0429	-.0505	.0289	.0602	.0157	.0334	.0797	-.0630	-.0095	.0274	.0288	.0769	.0071	.0470
-.40000	-.0019	-.0248	-.0575	.0152	.0181	.0167	.0374	.2212	.1433	-.0764	.0195	.0474	.0475	.0003	.0317

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0556	.0489	.1063	.0226
-1.20000	.0470	.0590	.0927	.0140
-.40000	.0419	.0535	.0726	.0569

MACH (2) = .797 RN/L (1) = 4.544 P = 1532.7 PT = 2329.0 TTF = 79.521 Q = 691.22

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0503	.0248	.0328	.0335	.0376	.0614	.0360	.0301	.0482	.0975	.0420	.0446	.0342	.0549	.0326
-1.20000	.0377	.0271	.0278	.0366	.0422	.0444	.0278	.0195	.0478	.0668	-.0232	-.0252	.0318	.0603	.0313
-.40000	.0255	.0330	.0314	.0152	.0508	.0271	.0253	.0178	.0450	.1030	.0107	-.0798	.0256	.0848	.0248

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0392	.0111	-.0182	.0236	.0287	.1114	.0321	.0358	.1165	.1638	.0535	.0169	.1348	.0834	.0788
-1.20000	.0226	-.0520	-.0385	.0055	.0372	.0952	.0288	-.0062	-.0263	.1040	.0412	.0095	.1142	.0707	.0667
-.40000	.0239	-.0365	-.0081	-.0134	.0320	.0385	.0218	-.0627	.1784	.2844	.1095	.0349	.0606	.0556	.0622

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW04)

MACH (2) = .797 RN/L (1) = 4.544

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0732	.0284	.1399	.0822
-1.20000	.0707	.0282	.1038	.0781
-.40000	.0727	.0677	.1071	.0783

MACH (3) = .900 RN/L (1) = 4.589 P = 1324.7 PT = 2241.3 TTF = 82.091 Q = 751.65

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0444	.0192	.0291	.0239	.0312	.0501	.0215	.0249	.0352	.0692	.0350	.0408	.0143	.0462	.0237
-1.20000	.0301	.0253	.0261	.0269	.0321	.0394	.0259	.0162	.0387	.0577	-.0220	-.0353	.0201	.0588	.0194
-.40000	.0204	.0246	.0223	.0164	.0550	.0242	.0193	.0111	.0383	.0868	.0131	-.0889	.0176	.0599	.0196

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0250	-.0083	-.0323	.0163	.0185	.0873	.0151	.0231	.1010	.1330	.0394	.0010	.1078	.0672	.0565
-1.20000	.0198	-.0541	-.0414	.0007	.0147	.0787	.0148	-.0137	-.0346	.0880	.0387	-.0016	.0949	.0610	.0578
-.40000	.0142	-.0407	-.0153	-.0160	.0149	.0287	.0153	-.0628	.1335	.2597	.0664	.0242	.0443	.0424	.0461

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0656	.0285	.1146	.0658
-1.20000	.0563	.0133	.0877	.0632
-.40000	.0462	.0503	.0793	.0632

MACH (4) = 1.054 RN/L (1) = 4.530 P = 1014.9 PT = 2047.5 TTF = 69.663 Q = 788.69

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0614	.0475	.0454	.0379	.0406	.0594	.0554	.0331	.0723	.0833	.0846	.0690	.1006	.0664	.0541
-1.20000	.0510	.0465	.0355	.0359	.0369	.0501	.0484	.0298	.0663	.0733	.0411	.0245	.0583	.0664	.0429
-.40000	.0454	.0374	.0345	.0313	.1303	.0321	.0280	.0145	.0566	.0877	.0655	.0184	.0376	.0668	.0532

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0742	.0273	.0103	.0255	.1691	.1941	.1202	.0384	.1127	.1289	.1707	.1297	.2434	.1944	.2678
-1.20000	.0500	.0269	.0096	.0050	.1081	.1874	.1164	.0348	.0256	.0796	.1658	.1221	.2316	.1411	.2764

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW04)

MACH (4) = 1.054 RN/L (1) = 4.530

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0300	.0190	.0244	.0075	.1092	.1580	.1576	.0249	.1163	.2009	.2529	.1410	.2372	.1318	.2451

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2684	.2740	.2441	.2380
-1.20000	.2428	.2646	.2485	.2371
-.40000	.2428	.3270	.2308	.3333

MACH (5) = 1.100 RN/L (1) = 4.579 P = 964.72 PT = 2061.0 TTF = 71.024 Q = 817.75

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0664	.0545	.0429	.0465	.0419	.0524	.0540	.0323	.0511	.0628	.0584	.0419	.0451	.0511	.0355
-1.20000	.0559	.0543	.0418	.0434	.0414	.0466	.0474	.0306	.0474	.0546	.0070	-.0031	.0443	.0504	.0357
-.40000	.0466	.0513	.0274	.0368	.1729	.0327	.0353	.0234	.0436	.0713	.0424	-.0177	.0321	.0462	.0346

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0450	.0020	-.0194	.0114	.1307	.1680	.0664	.0266	.0901	.1088	.1266	.0620	.1804	.1090	.2442
-1.20000	.0356	-.0259	-.0316	-.0190	.0511	.1370	.0650	.0030	.0066	.0647	.1279	.0532	.1592	.0638	.2317
-.40000	.0185	-.0275	-.0154	-.0355	.0419	.0993	.0483	-.0047	.1052	.2128	.2015	.0751	.1269	.0415	.2135

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2524	.2357	.2217	.2287
-1.20000	.2299	.2426	.2220	.2308
-.40000	.2197	.2800	.2152	.2921

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW04)

MACH (6) = 1.251 RN/L (1) = 4.535 P = 786.48 PT = 2039.8 TTF = 73.779 Q = 861.45

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0413	.0339	.0341	.0264	.0319	.0346	.0421	.0305	.0531	.0336	.0611	.0771	.0453	.0346	.0434
-1.20000	.0298	.0316	.0299	.0290	.0333	.0333	.0343	.0269	.0448	.0095	.0340	.0709	.0397	.0349	.0451
-.40000	.0266	.0278	.0299	.0180	.0696	.0229	.0199	.0100	.0441	.0069	.0589	.0695	.0358	.0351	.0441

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0426	-.0151	.0060	.0370	.1936	.1479	.1135	.1102	.0569	.0436	.0945	.1667	.1792	.0997	.2649
-1.20000	.0281	-.0192	-.0141	.0232	.1496	.0876	.1305	.0385	.0008	.0240	.0841	.1209	.1543	.0532	.2725
-.40000	-.0092	-.0102	-.0113	-.0092	.1275	.0711	.1245	.1641	.1222	.0426	.1046	.0946	.0822	-.0079	.2683

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2956	.2619	.2367	.2603
-1.20000	.2683	.2676	.2369	.2523
-.40000	.2374	.2870	.2497	.3332

MACH (7) = 1.403 RN/L (1) = 4.552 P = 659.18 PT = 2107.0 TTF = 79.521 Q = 908.39

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0251	.0282	.0320	.0234	.0292	.0255	.0320	.0317	.0301	.0244	.0403	.0677	.0273	.0230	.0293
-1.20000	.0219	.0255	.0292	.0244	.0298	.0199	.0295	.0260	.0260	-.0045	.0180	.0602	.0230	.0191	.0286
-.40000	.0178	.0260	.0246	.0174	.0519	.0050	.0130	.0097	.0263	-.0104	.0425	.0634	.0206	.0274	.0246

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0296	-.0226	-.0056	.0157	.0527	.0217	.0312	.0914	.0796	.0432	.0196	.0364	.0712	.0254	.0352
-1.20000	.0247	-.0285	-.0243	.0174	.0368	.0178	.0290	.0235	-.0207	.0097	.0189	.0201	.0643	.0205	.0373
-.40000	.0122	-.0207	-.0188	.0051	.0090	.0144	.0256	.1776	.1143	.0225	.0174	.0287	.0299	.0051	.0298

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0313	.0410	.0835	.0228
-1.20000	.0315	.0360	.0601	.0174
-.40000	.0251	.0333	.0447	.0220

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW05) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .604 RN/L (1) = 4.619 P = 2187.6 PT = 2798.0 TTF = 78.721 Q = 557.69

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0425	.0291	.0334	.0331	.0432	.0306	.0366	.0312	.0420	.0157	.0280	.1193	.0393	.0281	.0609
-1.20000	.0207	.0308	.0387	.0333	.0414	.0240	.0338	.0115	.0354	-.0399	-.0172	.0905	.0279	.0329	.0480
-.40000	.0217	.0273	.0394	.0199	.0513	.0328	.0202	.0115	.0402	-.0533	.0260	.1097	.0178	.0329	.0868

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0362	-.0130	.0080	.0279	.0808	.0279	.0427	.1496	.0682	.0456	.0224	.0538	.1173	.0262	.0598
-1.20000	.0304	-.0311	-.0410	.0221	.0762	.0249	.0505	.0881	-.0471	-.0023	.0302	.0334	.0963	.0171	.0565
-.40000	.0108	-.0095	-.0458	.0151	.0112	.0214	.0334	.2526	.1439	-.0681	.0234	.0538	.0400	.0060	.0417

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0441	.0721	.1083	.0368
-1.20000	.0484	.0550	.0771	.0171
-.40000	.0461	.0497	.0786	.0625

MACH (2) = 1.251 RN/L (1) = 4.550 P = 785.07 PT = 2036.9 TTF = 71.861 Q = 860.33

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0419	.0386	.0351	.0313	.0371	.0402	.0442	.0357	.0516	.0392	.0631	.0758	.0442	.0387	.0501
-1.20000	.0324	.0361	.0324	.0313	.0360	.0344	.0394	.0274	.0486	.0111	.0359	.0689	.0411	.0439	.0470
-.40000	.0311	.0361	.0351	.0246	.0722	.0242	.0243	.0128	.0461	.0122	.0584	.0756	.0419	.0398	.0524

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0452	-.0169	.0086	.0391	.1984	.1769	.1160	.1129	.0516	.0493	.1013	.1841	.1831	.0997	.2650
-1.20000	.0278	-.0174	-.0097	.0248	.1674	.0896	.1266	.0438	.0014	.0248	.0899	.1516	.1579	.0505	.2801
-.40000	-.0133	-.0104	-.0051	-.0034	.1379	.0675	.1132	.1697	.1227	.0399	.1176	.0929	.0709	.0155	.2580

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW05)

MACH (2) = 1.251 RN/L (1) = 4.550

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.3106	.2642	.2573	.2761
-1.20000	.2797	.2812	.2490	.2703
-.40000	.2550	.2824	.2590	.3503

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW06) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	-.001	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .602 RN/L (1) = 6.125 P = 2935.2 PT = 3749.2 TTF = 82.299 Q = 744.17

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0405	.0390	.0401	.0238	.0321	.0257	.0230	.0263	.0302	-.0004	.0277	.1334	.0271	.0380	.0537
-1.20000	.0291	.0306	.0405	.0318	.0474	.0276	.0377	.0083	.0416	-.0410	-.0105	.0926	.0327	.0242	.0597
-.40000	.0264	.0215	.0357	.0220	.0500	.0163	.0202	-.0100	.0329	-.0612	.0292	.1037	.0116	.0471	.0805

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0373	-.0314	-.0095	.0346	.0862	.0348	.0401	.1449	.0580	.0332	.0322	.0506	.1317	.0271	.0470
-1.20000	.0232	-.0410	-.0508	.0384	.0785	.0309	.0358	.1041	-.0419	-.0153	.0289	.0424	.1029	.0202	.0498
-.40000	.0023	-.0047	-.0535	.0244	.0150	.0212	.0346	.2274	.1260	-.0679	.0297	.0553	.0448	.0032	.0438

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0531	.0544	.0997	.0240
-1.20000	.0495	.0544	.0758	.0157
-.40000	.0398	.0582	.0653	.0664

MACH (2) = .898 RN/L (1) = 6.133 P = 1768.9 PT = 2984.0 TTF = 80.007 Q = 997.57

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0340	.0248	.0286	.0286	.0368	.0196	.0229	.0211	.0278	.0096	.0368	.0896	.0261	.0257	.0445
-1.20000	.0251	.0201	.0278	.0155	.0298	.0170	.0237	.0132	.0266	-.0430	-.0082	.0754	.0197	.0217	.0343
-.40000	.0201	.0180	.0242	.0089	.0493	.0163	.0183	.0039	.0276	-.0466	.0247	.0758	.0113	.0313	.0783

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0286	-.0315	-.0132	.0230	.0818	.0274	.0367	.1248	.0573	.0083	.0203	.0520	.1118	.0183	.0540
-1.20000	.0182	-.0406	-.0466	.0265	.0639	.0220	.0293	.0490	-.0464	-.0184	.0169	.0444	.0841	.0096	.0529
-.40000	-.0047	-.0221	-.0401	.0159	.0144	.0138	.0284	.2422	.1253	-.0289	.0189	.0450	.0377	-.0043	.0531

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW06)

MACH (2) = .898 RN/L (1) = 6.133

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0541	.0558	.0963	.0351
-1.20000	.0578	.0517	.0793	.0194
-.40000	.0444	.0559	.0688	.0818

MACH (3) = 1.101 RN/L (1) = 5.989 P = 1329.7 PT = 2843.2 TTF = 93.069 Q = 1128.6

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0671	.0501	.0383	.0426	.0467	.0496	.0440	.0252	.0438	.0637	.0397	.0244	.0272	.0521	.0281
-1.20000	.0596	.0501	.0416	.0414	.0414	.0435	.0389	.0240	.0441	.0508	-.0058	-.0257	.0245	.0537	.0273
-.40000	.0440	.0473	.0291	.0358	.1679	.0316	.0267	.0160	.0393	.0631	.0232	-.0595	.0180	.0452	.0356

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0228	-.0147	-.0365	.0215	.0260	.0916	.0210	.0176	.0969	.1167	.0332	-.0023	.1065	.0590	.0837
-1.20000	.0165	-.0409	-.0440	.0157	.0215	.0645	.0231	-.0142	-.0127	.0722	.0215	-.0168	.0812	.0585	.0761
-.40000	.0199	-.0431	-.0337	.0020	.0074	.0187	.0266	-.0187	.1223	.2349	.0240	.0253	.0353	.0457	.0645

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0787	.0313	.1167	.0784
-1.20000	.0700	.0331	.0942	.0707
-.40000	.0655	.0980	.0762	.0614

MACH (4) = 1.250 RN/L (1) = 6.112 P = 1053.8 PT = 2730.8 TTF = 71.129 Q = 1153.1

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0371	.0279	.0303	.0250	.0326	.0348	.0409	.0330	.0505	.0396	.0530	.0718	.0386	.0333	.0412
-1.20000	.0286	.0321	.0296	.0188	.0257	.0335	.0325	.0269	.0454	.0059	.0239	.0589	.0361	.0370	.0355
-.40000	.0282	.0286	.0293	.0105	.0587	.0194	.0161	.0104	.0413	-.0092	.0520	.0666	.0291	.0324	.0414

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0373	-.0201	.0013	.0336	.1774	.1428	.1159	.0998	.0543	.0363	.0912	.1553	.1794	.0498	.2731
-1.20000	.0214	-.0234	-.0177	.0194	.1437	.0843	.1073	.0328	-.0032	.0209	.0851	.0278	.1492	-.0276	.2512

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW06)

MACH (4) = 1.250 RN/L (1) = 6.112

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	-.0201	-.0169	-.0139	-.0036	.1021	.0677	.1045	.1850	.1188	.0347	.0942	.0686	.0504	-.0458	.2328

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.3050	.2662	.2280	.2558
-1.20000	.2174	.2415	.2505	.2158
-.40000	.2163	.2644	.2243	.3059

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW07) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = -.002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.100 RN/L (1) = 5.995 P = 1331.8 PT = 2842.5 TTF = 92.446 Q = 1127.4

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0716	.0496	.0403	.0403	.0424	.0496	.0401	.0251	.0391	.0608	.0353	.0321	.0198	.0497	.0251
-1.20000	.0556	.0519	.0393	.0435	.0396	.0415	.0366	.0217	.0386	.0477	-.0084	-.0198	.0211	.0484	.0234
-.40000	.0382	.0377	.0213	.0365	.2044	.0293	.0241	.0126	.0367	.0630	.0211	-.0534	.0157	.0414	.0263

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0186	-.0184	-.0405	.0226	.0244	.0782	.0203	.0091	.0969	.1126	.0351	-.0064	.1009	.0729	.0799
-1.20000	.0104	-.0524	-.0454	.0146	.0177	.0570	.0185	-.0223	-.0197	.0666	.0236	-.0285	.0766	.0661	.0642
-.40000	.0069	-.0476	-.0311	-.0012	.0055	.0188	.0153	-.0236	.1105	.2600	.0108	.0178	.0333	.0357	.0645

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0800	.0383	.0995	.0751
-1.20000	.0800	.0337	.0767	.0636
-.40000	.0633	.0771	.0607	.0551

MACH (2) = 1.251 RN/L (1) = 6.095 P = 1051.7 PT = 2728.6 TTF = 71.896 Q = 1152.5

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0335	.0320	.0376	.0245	.0300	.0347	.0438	.0342	.0568	.0390	.0535	.0774	.0413	.0343	.0391
-1.20000	.0340	.0310	.0342	.0232	.0302	.0342	.0320	.0282	.0465	.0048	.0233	.0629	.0360	.0346	.0393
-.40000	.0265	.0307	.0377	.0150	.0498	.0183	.0146	.0088	.0407	.0030	.0505	.0665	.0255	.0343	.0449

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0439	-.0144	.0012	.0296	.1738	.1267	.1199	.1002	.0538	.0534	.0829	.1675	.1662	.0735	.2796
-1.20000	.0244	-.0221	-.0225	.0234	.1554	.0851	.1046	.0313	-.0026	.0200	.0840	.1360	.1519	-.0016	.2500
-.40000	-.0057	-.0131	-.0157	-.0053	.1058	.0641	.1177	.1565	.1214	.0363	.0902	-.0201	.0595	-.0121	.2451

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW07)

MACH (2) = 1.251 RN/L (1) = 6.095

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.3043	.2530	.2461	.2649
-1.20000	.2341	.2385	.2198	.2380
-.40000	.2314	.2608	.2125	.3214

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW08) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.414 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .598 RN/L (1) = 2.021 P = 948.45 PT = 1208.0 TTF = 70.675 Q = 237.54

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0429	.0191	.0244	.0289	.0382	.0453	.0262	.0076	.0304	.1149	.0203	.0501	.0052	.0468	.0061
-1.20000	.0274	.0262	.0179	.0330	.0442	.0357	.0286	.0034	.0345	.0757	-.0616	-.0807	.0088	.0522	.0145
-.40000	.0322	.0191	.0179	.0259	.0573	.0155	.0185	-.0043	.0232	.1007	-.0096	-.1506	-.0019	.0545	.0085

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	-.0014	-.0153	-.0490	.0076	-.0141	.0447	-.0149	.0257	.1139	.1670	.0088	-.0392	.0901	.0040	-.0374
-1.20000	-.0102	-.1052	-.0740	-.0067	-.0283	.0382	-.0208	-.0392	-.0673	.1062	.0100	-.0374	.0454	-.0084	-.0481
-.40000	-.0208	-.0863	-.0390	-.0043	-.0242	.0109	-.0126	-.1383	.2284	.3225	.0147	-.0114	.0031	-.0227	-.0422

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	-.0100	-.0350	.0771	-.0007
-1.20000	-.0190	-.0315	.0299	-.0102
-.40000	-.0303	-.0439	-.0049	-.0078

MACH (2) = .900 RN/L (1) = 2.002 P = 575.01 PT = 972.50 TTF = 79.833 Q = 326.00

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0501	.0298	.0276	.0363	.0454	.0406	.0458	.0087	.0328	.0786	.0563	.0607	.0139	.0546	.0283
-1.20000	.0358	.0285	.0259	.0333	.0428	.0406	.0463	.0122	.0328	.0743	-.0012	-.0347	.0139	.0529	.0231
-.40000	.0354	.0259	.0276	.0281	.0654	.0233	.0319	.0040	.0315	.0925	.0332	-.0787	.0083	.0507	.0231

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0186	-.0142	-.0344	.0195	.0107	.0750	.0105	.0204	.1352	.1591	.0286	.0023	.0866	.0294	.0054
-1.20000	.0152	-.0594	-.0409	.0130	.0077	.0560	.0074	-.0187	-.0220	.0870	.0264	-.0063	.0770	.0234	.0036
-.40000	.0092	-.0525	-.0288	.0022	.0064	.0257	.0066	-.0757	.1582	.3271	.0286	.0135	.0336	.0096	.0011

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW08)

MACH (2) = .900 RN/L (1) = 2.002

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0232	-.0011	.0770	.0277
-1.20000	.0210	-.0011	.0410	.0234
-.40000	.0136	-.0037	.0268	.0225

MACH (3) = 1.099 RN/L (1) = 2.015 P = 421.53 PT = 898.94 TTF = 67.323 Q = 356.38

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0715	.0526	.0433	.0527	.0594	.0647	.0675	.0323	.0417	.0890	.0640	.0707	.0268	.0498	.0412
-1.20000	.0610	.0502	.0433	.0543	.0605	.0594	.0613	.0291	.0429	.0708	.0182	.0023	.0326	.0494	.0392
-.40000	.0518	.0514	.0449	.0436	.1989	.0482	.0539	.0248	.0401	.0839	.0613	-.0385	.0232	.0498	.0773

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0158	-.0342	-.0473	.0232	.0179	.0677	.0142	.0712	.1339	.1604	.0260	.0346	.0884	.0468	.0324
-1.20000	.0127	-.0673	-.0552	.0189	.0068	.0475	.0142	-.0014	-.0005	.0762	.0193	.0150	.0770	.0397	.0324
-.40000	-.0015	-.0434	-.0512	.0091	.0036	.0118	.0205	-.0159	.1817	.3102	.0130	.0174	.0367	.0189	.0273

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0493	.0248	.1028	.0448
-1.20000	.0461	.0401	.0652	.0491
-.40000	.0422	.0127	.0440	.0346

MACH (4) = 1.249 RN/L (1) = 2.012 P = 348.68 PT = 901.77 TTF = 72.349 Q = 380.63

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0466	.0394	.0406	.0418	.0501	.0447	.0512	.0269	.0398	.0798	.0701	.0618	.0314	.0530	.0415
-1.20000	.0462	.0391	.0394	.0388	.0469	.0417	.0465	.0258	.0394	.0695	.0309	.0084	.0295	.0537	.0370
-.40000	.0391	.0398	.0361	.0325	.0846	.0270	.0345	.0181	.0361	.0865	.0520	-.0174	.0247	.0455	.0459

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0309	-.0014	-.0157	.0273	.0284	.0749	.0287	.0777	.1241	.1352	.0380	.0265	.1093	.0498	.0306
-1.20000	.0269	-.0301	-.0254	.0262	.0202	.0611	.0269	.0096	-.0014	.0715	.0361	.0092	.0941	.0409	.0339

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW08)

MACH (4) = 1.249 RN/L (1) = 2.012

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0159	-.0193	-.0057	.0111	.0194	.0377	.0232	.0085	.1648	.2303	.0406	.0294	.0485	.0196	.0306

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0563	.0294	.0967	.0494
-1.20000	.0500	.0232	.0754	.0457
-.40000	.0515	.0144	.0636	.0479

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW09) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.413 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .597 RN/L (1) = 2.018 P = 949.86 PT = 1208.7 TTF = 70.954 Q = 236.97

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0367	.0129	.0111	.0201	.0295	.0403	.0241	.0011	.0236	.1170	.0187	.0403	.0005	.0466	.0024
-1.20000	.0272	.0129	.0170	.0279	.0403	.0367	.0181	-.0007	.0254	.0671	-.0644	-.0781	-.0031	.0354	.0083
-.40000	.0176	.0188	.0170	.0207	.0558	.0158	.0140	-.0072	.0290	.0873	-.0088	-.1511	-.0048	.0531	.0083

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	-.0085	-.0280	-.0481	.0047	-.0262	.0410	-.0185	.0291	.1045	.1839	.0017	-.0428	.0877	-.0102	-.0418
-1.20000	-.0079	-.1062	-.0772	.0017	-.0333	.0362	-.0162	-.0448	-.0591	.1188	.0029	-.0522	.0591	-.0048	-.0412
-.40000	-.0209	-.0902	-.0481	-.0144	-.0274	.0071	-.0232	-.1204	.1558	.3480	.0017	-.0162	-.0113	-.0256	-.0489

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	-.0185	-.0386	.0002	-.0084
-1.20000	-.0251	-.0374	.0240	-.0060
-.40000	-.0340	-.0522	.0022	-.0114

MACH (2) = .900 RN/L (1) = 2.001 P = 575.72 PT = 973.91 TTF = 80.598 Q = 326.55

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0512	.0305	.0261	.0331	.0412	.0504	.0460	.0171	.0331	.0918	.0473	.0555	.0201	.0525	.0239
-1.20000	.0426	.0274	.0309	.0331	.0429	.0391	.0416	.0106	.0383	.0780	-.0071	-.0484	.0168	.0499	.0239
-.40000	.0348	.0261	.0244	.0271	.0664	.0235	.0294	.0028	.0365	.0948	.0342	-.0941	.0145	.0537	.0222

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0138	-.0172	-.0388	.0214	.0026	.0671	.0103	.0365	.1152	.1694	.0287	.0043	.0939	.0279	-.0004
-1.20000	.0172	-.0593	-.0461	.0197	.0039	.0611	.0082	-.0167	-.0236	.0909	.0270	-.0055	.0818	.0296	-.0008
-.40000	.0069	-.0571	-.0275	.0024	.0005	.0213	.0069	-.0737	.1612	.3030	.0373	.0120	.0328	.0102	.0000

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW09)

MACH, (2) = .900 RN/L (1) = 2.001

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0245	.0013	.0760	.0261
-1.20000	.0198	.0005	.0412	.0261
-.40000	.0180	.0043	.0245	.0274

MACH (3) = 1.250 RN/L (1) = 2.019 P = 348.69 PT = 903.89 TTF = 72.036 Q = 381.70

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0501	.0383	.0388	.0394	.0459	.0456	.0484	.0291	.0384	.0759	.0702	.0557	.0291	.0479	.0370
-1.20000	.0448	.0351	.0384	.0390	.0466	.0422	.0437	.0255	.0388	.0663	.0194	.0093	.0284	.0490	.0359
-.40000	.0407	.0384	.0366	.0320	.0666	.0275	.0318	.0196	.0388	.0811	.0542	-.0165	.0255	.0456	.0403

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0275	-.0008	-.0167	.0313	.0296	.0769	.0297	.0616	.1249	.1367	.0376	.0312	.1138	.0453	.0311
-1.20000	.0268	-.0317	-.0281	.0244	.0215	.0577	.0246	.0095	.0000	.0683	.0354	.0107	.0935	.0394	.0333
-.40000	.0173	-.0231	-.0115	.0126	.0200	.0384	.0239	.0117	.1570	.2256	.0357	.0308	.0466	.0174	.0304

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0576	.0257	.1037	.0464
-1.20000	.0521	.0253	.0752	.0449
-.40000	.0503	.0173	.0594	.0416

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW10) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.390 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .603 RN/L (1) = 4.566 P = 2191.8 PT = 2801.5 TTF = 83.687 Q = 557.18

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0385	.0253	.0355	.0304	.0402	.0147	.0167	.0317	.0160	-.0070	.0119	.1222	.0176	.0201	.0483
-1.20000	.0074	.0269	.0307	.0203	.0339	.0059	.0117	.0150	.0097	-.0913	-.0380	.0816	.0067	.0160	.0370
-.40000	.0145	.0236	.0210	.0089	.0480	.0000	.0023	-.0052	.0102	-.1128	.0008	.0894	-.0039	.0206	.0602

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0129	-.0636	-.0289	-.0029	.0417	-.0164	.0181	.1612	.0437	.0090	-.0052	.0026	.0875	-.0306	-.0074
-1.20000	.0101	-.0807	-.0951	-.0120	.0448	-.0174	.0008	.0774	-.0791	-.0396	-.0052	-.0321	.0467	-.0332	-.0084
-.40000	-.0017	-.0505	-.0994	-.0087	-.0356	-.0229	.0083	.3047	.1462	-.1153	-.0054	.0252	-.0047	-.0425	-.0167

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	-.0239	-.0010	.0694	-.0304
-1.20000	-.0250	-.0145	.0287	-.0322
-.40000	-.0310	-.0077	.0161	-.0324

MACH (2) = .794 RN/L (1) = 4.482 P = 1535.5 PT = 2326.9 TTF = 84.173 Q = 677.71

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0532	.0217	.0336	.0276	.0355	.0602	.0284	.0202	.0465	.0964	.0292	.0329	.0202	.0675	.0201
-1.20000	.0386	.0260	.0302	.0288	.0377	.0530	.0312	.0157	.0410	.0662	-.0456	-.0652	.0120	.0609	.0184
-.40000	.0399	.0213	.0281	.0170	.0551	.0285	.0205	.0132	.0401	.1016	.0107	-.1223	.0107	.0642	.0184

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0129	-.0230	-.0495	.0227	.0004	.0950	.0150	.0193	.1189	.1588	.0400	-.0027	.1048	.0448	.0189
-1.20000	.0086	-.0814	-.0683	.0054	-.0025	.0696	.0090	-.0424	-.0501	.1075	.0239	-.0171	.0687	.0439	.0127
-.40000	.0024	-.0728	-.0408	-.0076	-.0050	.0135	.0169	-.0966	.1553	.3557	.0351	.0142	.0237	.0107	.0064

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW10)

MACH (2) = .794 RN/L (1) = 4.482

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0340	-.0019	.1074	.0479
-1.20000	.0239	-.0136	.0687	.0421
-.40000	.0251	-.0095	.0630	.0617

MACH (3) = .900 RN/L (1) = 4.422 P = 1303.5 PT = 2204.6 TTF = 90.683 Q = 739.00

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0484	.0407	.0362	.0343	.0479	.0339	.0436	.0412	.0376	.0147	.0430	.0869	.0378	.0306	.0505
-1.20000	.0244	.0347	.0376	.0293	.0413	.0326	.0426	.0352	.0351	-.0303	.0047	.0685	.0299	.0235	.0387
-.40000	.0310	.0329	.0341	.0229	.0674	.0182	.0265	.0091	.0345	-.0448	.0441	.0793	.0178	.0289	.0539

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0350	-.0597	-.0254	.0259	.0702	.0249	.0344	.1173	.0939	.0118	.0272	.0304	.0988	.0179	.0327
-1.20000	.0278	-.0591	-.0614	.0204	.0488	.0201	.0253	.0374	-.0457	-.0218	.0202	.0119	.0753	.0128	.0340
-.40000	.0183	-.0521	-.0578	.0159	-.0038	.0201	.0231	.2328	.1267	-.0324	.0272	.0452	.0355	.0060	.0287

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0268	.0471	.1036	.0185
-1.20000	.0370	.0395	.0958	.0140
-.40000	.0287	.0457	.0628	.0310

MACH (4) = 1.048 RN/L (1) = 4.506 P = 1022.0 PT = 2048.3 TTF = 71.512 Q = 785.95

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0391	.0297	.0299	.0246	.0372	.0354	.0423	.0245	.0582	.1049	.0747	.0694	.0417	.0779	.0421
-1.20000	.0325	.0272	.0272	.0242	.0358	.0126	.0293	.0152	.0626	.0895	.0141	-.0027	.0368	.0725	.0278
-.40000	.0283	.0254	.0243	.0189	.0316	-.0192	.0016	-.0017	.0431	.1029	.0537	-.0513	.0328	.1515	.0595

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0408	-.0049	-.0231	.0442	.0245	.0979	.0382	.0566	.1667	.1749	.0558	.0286	.1088	.0560	.0479
-1.20000	.0364	-.0433	-.0355	.0339	.0194	.0707	.0339	.0104	.0032	.0997	.0416	.0074	.0879	.0464	.0369

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW10)

MACH (4) = 1.048 RN/L (1) = 4.506

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0270	-.0368	-.0104	.0191	.0108	.0244	.0357	-.0355	.1932	.3123	.0560	.0385	.0323	.0204	.0335

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0545	.0343	.1225	.0631
-1.20000	.0477	.0213	.0874	.0620
-.40000	.0454	.0101	.0680	.0584

MACH (5) = 1.100 RN/L (1) = 4.575 P = 965.42 PT = 2061.7 TTF = 71.547 Q = 817.88

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0526	.0325	.0318	.0222	.0365	.0593	.0504	.0277	.0584	.0935	.0700	.0683	.0418	.0743	.0388
-1.20000	.0375	.0324	.0285	.0248	.0353	.0410	.0335	.0178	.0568	.0799	.0082	-.0070	.0351	.0705	.0233
-.40000	.0350	.0281	.0295	.0144	.1179	.0058	.0063	.0054	.0530	.0934	.0440	-.0507	.0308	.0899	.0625

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0350	-.0188	-.0423	.0406	.0246	.1023	.0324	.0579	.1568	.1666	.0574	.0302	.0972	.0598	.0324
-1.20000	.0252	-.0532	-.0456	.0294	.0128	.0718	.0279	-.0048	-.0060	.0980	.0401	.0247	.0786	.0483	.0295
-.40000	.0149	-.0462	-.0360	.0111	.0132	.0297	.0300	.0012	.1878	.3207	.0432	.0319	.0328	.0272	.0274

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0512	.0295	.1212	.0665
-1.20000	.0479	.0219	.0787	.0606
-.40000	.0441	.0118	.0614	.0588

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW10)

MACH (6) = 1.252 RN/L (1) = 4.487 P = 795.68 PT = 2068.1 TTF = 83.652 Q = 873.77

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0448	.0392	.0414	.0344	.0431	.0346	.0462	.0412	.0383	.0239	.0621	.0842	.0351	.0337	.0446
-1.20000	.0373	.0391	.0405	.0307	.0398	.0301	.0398	.0341	.0366	-.0078	.0198	.0753	.0314	.0332	.0407
-.40000	.0301	.0389	.0389	.0233	.0938	.0209	.0272	.0177	.0324	-.0072	.0520	.0826	.0240	.0405	.0378

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0341	-.0312	-.0112	.0300	.0631	.0331	.0323	.1171	.0950	.0797	.0303	.0464	.1053	.0298	.0474
-1.20000	.0312	-.0392	-.0418	.0252	.0434	.0230	.0237	.0190	-.0228	.0123	.0285	.0120	.0844	.0237	.0457
-.40000	.0179	-.0249	-.0287	.0137	.0097	.0190	.0251	.1958	.1377	.0491	.0380	.0393	.0284	.0098	.0466

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0369	.0539	.1056	.0301
-1.20000	.0334	.0473	.0808	.0252
-.40000	.0330	.0550	.0757	.0213

MACH (7) = 1.400 RN/L (1) = 4.576 P = 660.59 PT = 2101.3 TTF = 76.530 Q = 905.89

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0419	.0336	.0359	.0309	.0368	.0292	.0427	.0330	.0271	.0217	.0602	.0736	.0299	.0301	.0394
-1.20000	.0324	.0325	.0327	.0299	.0359	.0267	.0395	.0299	.0286	-.0042	.0203	.0619	.0296	.0303	.0385
-.40000	.0286	.0302	.0303	.0233	.0721	.0143	.0272	.0129	.0254	-.0024	.0480	.0700	.0242	.0292	.0391

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0286	-.0236	-.0090	.0281	.0503	.0355	.0287	.0967	.0847	.0718	.0281	.0371	.0962	.0313	.0368
-1.20000	.0232	-.0319	-.0294	.0253	.0373	.0260	.0281	.0144	-.0221	.0034	.0235	.0317	.0838	.0207	.0357
-.40000	.0130	-.0204	-.0229	.0120	.0034	.0223	.0193	.1546	.1198	.0577	.0445	.0100	.0302	.0095	.0330

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0329	.0385	.0983	.0299
-1.20000	.0329	.0389	.0767	.0231
-.40000	.0288	.0462	.0674	.0272

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW11) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.331 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .601 RN/L (1) = 4.552 P = 2190.4 PT = 2797.3 TTF = 83.791 Q = 554.78

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0262	.0130	.0171	.0068	.0147	-.0023	-.0015	.0106	.0072	-.0234	.0091	.0921	.0104	-.0030	.0109
-1.20000	-.0043	.0186	.0120	.0002	.0132	-.0015	.0015	.0081	-.0038	-.0905	-.0724	.0515	.0005	-.0106	.0137
-.40000	.0056	-.0043	.0153	.0015	.0439	-.0185	-.0094	-.0274	-.0007	-.1210	-.0216	.0685	-.0173	.0073	.0375

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0005	-.0796	-.0544	-.0104	.0317	-.0263	-.0018	.1362	.0202	-.0141	-.0158	-.0124	.0620	-.0399	-.0201
-1.20000	.0045	-.1039	-.1180	-.0198	.0205	-.0415	-.0111	.0611	-.1007	-.0739	-.0173	-.0402	.0299	-.0437	-.0329
-.40000	-.0154	-.0636	-.1139	-.0203	-.0535	-.0476	-.0127	.3330	.1439	-.1320	-.0272	.0133	-.0307	-.0495	-.0360

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	-.0246	-.0207	.0497	-.0467
-1.20000	-.0449	-.0197	.0103	-.0493
-.40000	-.0488	-.0185	-.0023	-.0274

MACH (2) = 1.398 RN/L (1) = 4.502 P = 663.42 PT = 2104.8 TTF = 83.826 Q = 907.38

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0397	.0351	.0356	.0324	.0376	.0281	.0432	.0324	.0280	.0228	.0595	.0666	.0283	.0275	.0390
-1.20000	.0315	.0346	.0324	.0324	.0376	.0248	.0384	.0283	.0267	-.0034	.0204	.0607	.0287	.0275	.0395
-.40000	.0264	.0283	.0305	.0204	.0759	.0159	.0265	.0138	.0254	.0020	.0484	.0697	.0248	.0275	.0356

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0287	-.0248	-.0099	.0283	.0512	.0373	.0240	.1021	.0863	.0722	.0283	.0394	.0978	.0324	.0346
-1.20000	.0240	-.0347	-.0285	.0249	.0369	.0254	.0198	.0162	-.0234	.0034	.0253	.0119	.0810	.0219	.0344
-.40000	.0118	-.0194	-.0216	.0129	.0025	.0224	.0193	.1535	.1160	.0590	.0410	.0272	.0308	.0098	.0338

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW11)

MACH (2) = 1.398 RN/L (1) = 4.502

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0307	.0409	.0961	.0283
-1.20000	.0310	.0366	.0750	.0242
-.40000	.0307	.0420	.0687	.0271

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW12) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.414 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .601 RN/L (1) = 6.090 P = 2940.8 PT = 3754.2 TTF = 84.936 Q = 743.69

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0289	.0274	.0228	.0153	.0237	.0027	.0005	.0174	.0206	-.0318	-.0200	.1027	.0261	.0125	.0278
-1.20000	.0056	.0149	.0274	.0167	.0307	.0046	.0018	.0193	.0226	-.1031	-.0720	.0542	.0200	.0000	.0310
-.40000	.0046	.0170	.0223	.0007	.0371	-.0106	-.0026	-.0107	.0154	-.1233	-.0132	.0668	-.0039	.0199	.0507

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0143	-.0770	-.0408	-.0092	.0430	-.0400	.0204	.1394	.0447	-.0002	.0052	-.0726	.0656	-.0350	-.0146
-1.20000	-.0713	-.0997	-.1224	-.0084	.0221	-.0453	.0098	.0759	-.0901	-.0635	-.0046	-.0316	.0312	-.0363	-.0332
-.40000	-.0964	-.0675	-.1142	-.0135	-.0495	-.0400	-.0016	.3155	.1524	-.1249	-.0075	.0326	-.0260	-.0395	-.0263

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	-.0384	.0105	.0646	-.0317
-1.20000	-.0426	.0022	.0291	-.0357
-.40000	-.0351	-.0010	.0215	-.0236

MACH (2) = .898 RN/L (1) = 5.908 P = 1794.3 PT = 3029.2 TTF = 102.51 Q = 1013.5

SECTION (1)90 DEG WALL PPESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0598	.0338	.0406	.0365	.0470	.0592	.0413	.0243	.0517	.0803	.0529	.0431	.0259	.0728	.0337
-1.20000	.0364	.0329	.0396	.0354	.0454	.0561	.0392	.0254	.0519	.0664	-.0301	-.0382	.0241	.0713	.0303
-.40000	.0372	.0309	.0352	.0254	.0725	.0377	.0230	.0185	.0442	.0941	.0273	-.1035	.0183	.0677	.0328

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0550	-.0281	-.0542	.0260	.0182	.1140	.0597	.0201	.1397	.1595	.0551	.0360	.1113	.0482	.0258
-1.20000	.0474	-.0720	-.0622	.0094	.0098	.0825	.0483	-.0240	-.0256	.1069	.0217	.0385	.0840	.0475	.0270
-.40000	.0409	-.0646	-.0526	-.0025	.0112	.0189	.0556	-.0785	.1671	.3517	.0481	.0577	.0356	.0205	.0215

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW12)

MACH (2) = .898 RN/L (1) = 5.908

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0480	.0315	.1429	.0652
-1.20000	.0473	.0317	.1041	.0569
-.40000	.0441	.1144	.0958	.0770

MACH (3) = 1.100 RN/L (1) = 5.975 P = 1357.3 PT = 2898.4 TTF = 102.20 Q = 1149.8

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0792	.0595	.0496	.0382	.0505	.0784	.0669	.0399	.0563	.0881	.0492	.0453	.0341	.0748	.0389
-1.20000	.0613	.0593	.0422	.0377	.0465	.0731	.0593	.0399	.0588	.0710	.0025	-.0098	.0329	.0699	.0365
-.40000	.0479	.0602	.0440	.0350	.2143	.0556	.0541	.0307	.0565	.0850	.0418	-.0707	.0270	.0763	.1215

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0210	-.0355	-.0610	.0305	.0142	.0879	.0196	.0457	.1397	.1611	.0390	.0087	.0782	.0529	.0305
-1.20000	-.0052	-.0714	-.0718	.0233	.0042	.0534	.0174	-.0128	-.0120	.0841	.0194	-.0046	.0614	.0411	.0311
-.40000	-.0009	-.0585	-.0582	.0066	.0027	.0080	.0169	.0145	.1808	.3297	.0007	.0241	.0186	.0157	.0296

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0452	.0189	.0947	.0525
-1.20000	.0417	.0156	.0699	.0496
-.40000	.0422	.0432	.0420	.0494

MACH (4) = 1.248 RN/L (1) = 5.982 P = 1065.1 PT = 2752.0 TTF = 82.993 Q = 1161.4

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0523	.0436	.0366	.0340	.0419	.0554	.0481	.0305	.0499	.0773	.0556	.0266	.0295	.0613	.0340
-1.20000	.0423	.0407	.0382	.0332	.0390	.0492	.0439	.0272	.0511	.0666	.0061	-.0073	.0290	.0605	.0290
-.40000	.0405	.0400	.0353	.0206	.1140	.0282	.0312	.0163	.0515	.0874	.0429	-.0257	.0251	.0527	.0417

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0361	-.0141	-.0339	.0287	.0252	.0822	.0342	.0787	.1185	.1360	.0498	.0367	.1052	.0570	.0371
-1.20000	.0315	-.0430	-.0456	.0201	.0179	.0568	.0332	-.0089	-.0140	.0724	.0279	.0223	.0888	.0458	.0319

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW12)

MACH (4) = 1.248 RN/L (1) = 5.982

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0232	-.0318	-.0218	.0040	.0192	.0233	.0290	.0247	.1541	.2354	.0360	.0369	.0284	.0145	.0375

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0581	.0273	.1123	.0644
-1.20000	.0571	.0286	.0838	.0531
-.40000	.0574	.0193	.0774	.0844

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW13) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.413 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 6.060 P = 2926.0 PT = 3737.2 TTF = 85.421 Q = 741.60

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0380	.0311	.0244	.0168	.0283	.0151	.0114	.0269	.0166	-.0172	.0205	.1147	.0227	.0071	.0309
-1.20000	.0170	.0204	.0311	.0213	.0330	.0046	.0065	.0076	.0151	-.1002	-.0556	.0729	.0127	.0005	.0392
-.40000	.0140	.0237	.0256	.0109	.0469	-.0032	.0049	-.0160	.0147	-.1078	.0112	.0942	.0030	.0166	.0549

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0154	-.0606	-.0373	.0072	.0396	-.0108	.0028	.1230	.0439	.0193	.0066	-.0092	.0784	-.0247	.0072
-1.20000	.0203	-.0914	-.1062	.0000	.0384	-.0259	.0156	.0806	-.0945	-.0417	.0013	-.0126	.0550	-.0257	-.0062
-.40000	-.0003	-.0574	-.0884	-.0055	-.0340	-.0112	.0065	.3442	.1766	-.1076	.0030	.0489	-.0070	-.0344	-.0162

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	-.0199	.0063	.0803	-.0323
-1.20000	-.0279	-.0033	.0217	-.0433
-.40000	-.0245	.0016	.0179	-.0418

MACH (2) = 1.101 RN/L (1) = 5.957 P = 1356.5 PT = 2901.2 TTF = 103.96 Q = 1151.7

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0795	.0660	.0501	.0423	.0519	.0795	.0652	.0426	.0588	.0906	.0522	.0476	.0355	.0756	.0405
-1.20000	.0593	.0593	.0454	.0455	.0529	.0753	.0582	.0405	.0610	.0727	.0071	-.0126	.0350	.0775	.0415
-.40000	.0521	.0601	.0435	.0397	.2406	.0592	.0522	.0290	.0561	.0912	.0368	-.0670	.0274	.0790	.1167

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0195	-.0340	-.0581	.0307	.0146	.0908	.0210	.0574	.1488	.1517	.0397	.0141	.0783	.0558	.0293
-1.20000	.0005	-.0674	-.0714	.0247	.0100	.0559	.0174	-.0110	-.0130	.0838	.0199	-.0004	.0605	.0401	.0271
-.40000	-.0012	-.0537	-.0498	.0066	.0047	.0046	.0170	.0024	.1873	.3359	.0010	.0218	.0113	.0152	.0252

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW13)

MACH (2) = 1.101 RN/L (1) = 5.957

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0471	.0255	.0991	.0559
-1.20000	.0462	.0199	.0650	.0513
-.40000	.0396	.0208	.0420	.0476

MACH (3) = 1.247 RN/L (1) = 5.971 P = 1067.3 PT = 2754.1 TTF = 84.034 Q = 1162.0

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0521	.0425	.0374	.0349	.0421	.0546	.0501	.0300	.0510	.0786	.0617	.0449	.0310	.0576	.0315
-1.20000	.0423	.0419	.0349	.0328	.0398	.0490	.0445	.0260	.0516	.0679	.0117	-.0045	.0290	.0611	.0301
-.40000	.0423	.0423	.0324	.0269	.1267	.0289	.0291	.0170	.0499	.0902	.0436	-.0214	.0249	.0561	.0419

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0350	-.0147	-.0311	.0280	.0257	.0887	.0324	.0703	.1193	.1336	.0452	.0271	.1048	.0544	.0402
-1.20000	.0313	-.0374	-.0409	.0212	.0196	.0617	.0331	-.0130	-.0151	.0736	.0284	.0101	.0874	.0416	.0387
-.40000	.0218	-.0297	-.0234	.0062	.0172	.0256	.0306	.0137	.1622	.2639	.0396	.0337	.0316	.0081	.0363

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0569	.0296	.1137	.0591
-1.20000	.0602	.0259	.0823	.0531
-.40000	.0531	.0198	.0687	.0864

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW14) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .599 RN/L (1) = 2.039 P = 934.30 PT = 1189.6 TTF = 60.463 Q = 233.66

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0421	.0270	.0366	.0405	.0541	.0336	.0499	.0133	.0234	.0375	.0517	.0578	.0116	.0312	.0293
-1.20000	.0348	.0336	.0348	.0315	.0462	.0312	.0517	.0169	.0342	.0399	.0499	.0572	.0169	.0312	.0232
-.40000	.0264	.0288	.0270	.0249	.0626	.0222	.0420	.0062	.0360	.0309	.0499	.0474	.0145	.0113	.0289

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0193	.0222	.0311	.0169	.0282	.0317	.0253	.0272	.0217	.0271	.0151	.0187	.0235	.0247	.0313
-1.20000	.0253	.0240	.0323	.0157	.0276	.0299	.0163	.0242	.0223	.0307	.0181	.0211	.0217	.0265	.0307
-.40000	.0151	.0270	.0275	.0133	.0240	.0275	.0337	.0188	.0211	.0301	.0318	.0253	.0145	.0151	.0295

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0343	.0235	.0229	.0348
-1.20000	.0355	.0229	.0283	.0253
-.40000	.0271	.0404	.0229	.0557

MACH (2) = .902 RN/L (1) = 2.030 P = 559.45 PT = 948.45 TTF = 64.385 Q = 318.73

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0444	.0272	.0373	.0306	.0448	.0298	.0421	.0170	.0312	.0306	.0435	.0403	.0196	.0207	.0268
-1.20000	.0320	.0254	.0303	.0336	.0470	.0250	.0421	.0126	.0303	.0328	.0461	.0497	.0196	.0265	.0272
-.40000	.0263	.0290	.0228	.0261	.0564	.0241	.0338	.0118	.0210	.0266	.0421	.0426	.0109	.0265	.0343

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0251	.0247	.0303	.0227	.0283	.0347	.0259	.0226	.0258	.0302	.0179	.0248	.0271	.0358	.0458
-1.20000	.0237	.0238	.0290	.0161	.0238	.0347	.0226	.0274	.0276	.0293	.0188	.0237	.0258	.0271	.0467
-.40000	.0140	.0216	.0241	.0083	.0247	.0338	.0246	.0231	.0293	.0267	.0371	.0215	.0205	.0161	.0445

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW14)

MACH (2) = .902 RN/L (1) = 2.030

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0474	.0374	.0387	.0367
-1.20000	.0496	.0339	.0312	.0354
-.40000	.0460	.0475	.0405	.0577

MACH (3) = 1.103 RN/L (1) = 2.019 P = 427.19 PT = 915.91 TTF = 74.301 Q = 364.02

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0554	.0422	.0356	.0463	.0501	.0258	.0356	.0153	.0177	.0157	.0270	.0255	.0110	.0136	.0173
-1.20000	.0449	.0437	.0379	.0490	.0540	.0235	.0349	.0153	.0138	.0184	.0270	.0255	.0072	.0117	.0219
-.40000	.0425	.0488	.0321	.0424	.1624	.0150	.0290	.0114	.0126	.0165	.0255	.0243	.0041	.0093	.0173

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0094	.0019	.0118	.0052	.0101	.0188	.0084	.0074	.0076	.0111	.0052	.0069	.0056	.0079	.0695
-1.20000	.0069	.0027	.0118	.0033	.0082	.0153	.0049	.0101	.0157	.0107	.0045	-.0035	-.0002	.0095	.0691
-.40000	-.0028	-.0008	.0111	-.0017	.0031	.0118	.0042	.0020	.0068	.0126	.0114	.0088	-.0120	-.0064	.0653

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0661	.0454	.0323	.0440
-1.20000	.0641	.0254	.0292	.0246
-.40000	.0477	.0643	.0308	.0874

MACH (4) = 1.251 RN/L (1) = 2.011 P = 350.81 PT = 910.28 TTF = 76.286 Q = 384.46

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0372	.0295	.0321	.0341	.0419	.0288	.0393	.0199	.0229	.0297	.0396	.0363	.0151	.0248	.0286
-1.20000	.0332	.0306	.0273	.0349	.0430	.0247	.0374	.0173	.0236	.0301	.0381	.0344	.0155	.0248	.0290
-.40000	.0288	.0299	.0258	.0301	.0783	.0181	.0307	.0140	.0211	.0279	.0363	.0359	.0118	.0251	.0275

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0197	.0207	.0275	.0126	.0207	.0275	.0164	.0188	.0201	.0234	.0162	.0153	.0212	.0206	.0279
-1.20000	.0150	.0185	.0249	.0107	.0200	.0275	.0161	.0199	.0212	.0227	.0166	.0095	.0171	.0151	.0278

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW14)

MACH (4) = 1.251 RN/L (1) = 2.011

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0128	.0145	.0183	.0052	.0193	.0249	.0157	.0188	.0201	.0179	.0225	.0164	.0120	.0115	.0239

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0315	.0186	.0175	.0228
-1.20000	.0308	.0196	.0150	.0247
-.40000	.0282	.0241	.0113	.0331

MACH (5) = 1.412 RN/L (1) = 2.022 P = 281.49 PT = 911.67 TTF = 68.406 Q = 393.09

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0402	.0248	.0089	.0138	.0090	.0348	.0083	.0289	.0241	.0059	.0057	.0068	.0217	.0049	.0061
-1.20000	.0435	.0266	.0154	.0131	.0090	.0338	.0057	.0303	.0248	.0066	.0057	.0053	.0203	.0049	.0068
-.40000	.0503	.0262	.0154	.0109	.0178	.0291	.0031	.0257	.0237	.0059	.0061	.0057	.0203	.0075	.0212

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0013	.0006	.0039	.0099	-.0001	.0010	.0113	.0005	.0005	.0009	.0071	.0063	-.0009	.0024	.0077
-1.20000	.0041	-.0004	.0010	.0114	-.0012	.0018	.0127	.0005	.0005	.0012	.0074	.0059	-.0009	.0039	.0048
-.40000	.0020	-.0040	-.0029	.0146	-.0004	.0018	.0228	-.0045	.0016	-.0013	.0182	.0041	-.0045	.0024	.0012

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0059	.0181	.0160	.0056
-1.20000	.0055	.0185	.0170	.0056
-.40000	.0023	.0238	.0145	.0196

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW15) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.103 RN/L (1) = 2.021 P = 427.19 PT = 915.91 TTF = 73.953 Q = 364.02

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0567	.0431	.0358	.0491	.0529	.0245	.0388	.0155	.0156	.0169	.0282	.0266	.0082	.0139	.0185
-1.20000	.0427	.0416	.0350	.0491	.0533	.0214	.0360	.0147	.0136	.0181	.0282	.0266	.0066	.0132	.0201
-.40000	.0389	.0474	.0272	.0449	.1660	.0156	.0309	.0109	.0132	.0181	.0251	.0255	.0047	.0116	.0185

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0109	.0042	.0135	.0078	.0139	.0185	.0071	.0069	.0084	.0108	.0047	.0059	.0073	.0128	.0612
-1.20000	.0044	.0015	.0116	.0004	.0085	.0182	.0021	.0107	.0127	.0112	.0047	-.0056	.0010	.0039	.0612
-.40000	-.0018	-.0048	.0081	-.0031	.0061	.0127	.0025	.0015	.0065	.0108	.0109	.0105	-.0138	-.0085	.0585

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0650	.0410	.0329	.0453
-1.20000	.0611	.0248	.0298	.0341
-.40000	.0455	.0637	.0190	.0821

MACH (2) = 1.245 RN/L (1) = 2.013 P = 353.63 PT = 910.26 TTF = 75.973 Q = 383.84

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0352	.0278	.0270	.0338	.0406	.0248	.0339	.0162	.0204	.0257	.0365	.0343	.0126	.0240	.0254
-1.20000	.0300	.0274	.0263	.0297	.0387	.0241	.0350	.0166	.0230	.0268	.0365	.0350	.0137	.0222	.0236
-.40000	.0289	.0274	.0223	.0275	.0787	.0160	.0290	.0107	.0193	.0249	.0332	.0339	.0093	.0207	.0269

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0148	.0160	.0206	.0093	.0171	.0243	.0130	.0154	.0166	.0181	.0137	.0145	.0173	.0148	.0249
-1.20000	.0145	.0160	.0210	.0078	.0160	.0243	.0145	.0147	.0155	.0192	.0122	.0105	.0144	.0122	.0253
-.40000	.0094	.0097	.0151	.0048	.0141	.0206	.0167	.0132	.0151	.0129	.0199	.0145	.0081	.0078	.0205

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW15)

MACH (2) = 1.245 RN/L (1) = 2.013

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0299	.0174	.0145	.0214
-1.20000	.0296	.0170	.0130	.0166
-.40000	.0259	.0262	.0105	.0394

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW16) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.242 RN/L (1) = 2.023 P = 349.39 PT = 895.40 TTF = 67.533 Q = 377.23

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0271	.0301	.0447	.0487	.0461	.0084	.0484	.0019	.0140	.0445	.0373	.0293	.0060	.0389	.0365
-1.20000	.0222	.0305	.0290	.0475	.0477	.0076	.0385	.0034	.0117	.0374	.0438	.0293	.0052	.0397	.0395
-.40000	.0215	.0215	.0290	.0445	.0664	.0061	.0373	.0004	.0076	.0381	.0400	.0304	-.0007	.0408	.0440

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0344	.0393	.0398	.0082	.0258	.0297	.0098	.0458	.0305	.0361	.0149	.0157	.0275	.0351	.0495
-1.20000	.0176	.0348	.0327	.0019	.0311	.0335	.0090	.0506	.0343	.0335	.0153	.0139	.0305	.0168	.0533
-.40000	.0154	.0393	.0289	-.0018	.0341	.0331	.0079	.0465	.0328	.0301	.0183	.0101	.0279	.0093	.0503

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0320	.0127	.0026	.0373
-1.20000	.0343	.0098	.0041	.0403
-.40000	.0313	.0116	.0012	.0649

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW17) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .596 RN/L (1) = 4.567 P = 2160.0 PT = 2746.3 TTF = 71.966 Q = 536.92

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0454	.0286	.0319	.0350	.0414	.0378	.0352	.0275	.0340	.0350	.0362	.0475	.0267	.0424	.0362
-1.20000	.0354	.0316	.0240	.0407	.0460	.0316	.0424	.0189	.0384	.0407	.0398	.0424	.0298	.0397	.0325
-.40000	.0302	.0291	.0221	.0271	.0480	.0194	.0240	.0106	.0356	.0297	.0337	.0339	.0194	.0392	.0367

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0297	.0323	.0322	.0241	.0402	.0354	.0240	.0327	.0380	.0301	.0189	.0250	.0325	.0272	.0340
-1.20000	.0198	.0286	.0359	.0267	.0297	.0354	.0292	.0327	.0375	.0343	.0241	.0276	.0283	.0178	.0348
-.40000	.0224	.0276	.0191	.0129	.0294	.0265	.0237	.0311	.0265	.0262	.0386	.0266	.0205	.0163	.0332

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0586	.0281	.0357	.0399
-1.20000	.0492	.0328	.0224	.0327
-.40000	.0408	.0333	.0292	.0974

MACH (2) = .799 RN/L (1) = 4.492 P = 1492.3 PT = 2273.2 TTF = 74.858 Q = 667.29

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0478	.0292	.0351	.0296	.0282	.0308	.0286	.0197	.0316	.0315	.0278	.0375	.0252	.0266	.0208
-1.20000	.0247	.0297	.0303	.0195	.0257	.0329	.0294	.0231	.0316	.0311	.0340	.0360	.0231	.0223	.0189
-.40000	.0216	.0233	.0255	.0155	.0426	.0120	.0274	.0101	.0334	.0357	.0233	.0311	.0210	.0221	.0353

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0311	.0283	.0309	.0354	.0380	.0353	.0346	.0284	.0307	.0378	.0308	.0392	.0315	.0409	.0524
-1.20000	.0351	.0232	.0311	.0174	.0351	.0421	.0233	.0285	.0353	.0336	.0290	.0361	.0384	.0392	.0517
-.40000	.0175	.0266	.0265	.0093	.0283	.0261	.0225	.0291	.0336	.0328	.0377	.0300	.0202	.0239	.0469

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW17)

MACH (2) = .799 RN/L (1) = 4.492

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0631	.0394	.0432	.0490
-1.20000	.0601	.0363	.0405	.0344
-.40000	.0479	.0623	.0403	.1267

MACH (3) = .898 RN/L (1) = 4.513 P = 1296.4 PT = 2188.3 TTF = 78.756 Q = 732.03

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0396	.0310	.0219	.0258	.0298	.0209	.0191	.0119	.0300	.0185	.0360	.0334	.0228	.0292	.0214
-1.20000	.0193	.0199	.0138	.0248	.0298	.0229	.0230	.0192	.0269	.0279	.0213	.0236	.0132	.0260	.0197
-.40000	.0189	.0173	.0189	.0183	.0471	.0161	.0172	.0113	.0237	.0233	.0195	.0223	.0115	.0341	.0328

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0143	.0188	.0178	.0218	.0403	.0389	.0204	.0287	.0297	.0194	.0237	.0275	.0372	.0203	.0400
-1.20000	.0134	.0180	.0199	.0121	.0225	.0214	.0259	.0253	.0284	.0230	.0213	.0298	.0150	.0150	.0413
-.40000	.0179	.0180	.0162	.0068	.0238	.0170	.0183	.0245	.0288	.0265	.0251	.0275	.0056	.0132	.0429

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0594	.0372	.0294	.0382
-1.20000	.0439	.0198	.0345	.0266
-.40000	.0364	.0362	.0326	.0960

MACH (4) = 1.056 RN/L (1) = 4.506 P = 1038.3 PT = 2100.6 TTF = 82.473 Q = 810.43

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0459	.0395	.0309	.0340	.0381	.0264	.0313	.0208	.0248	.0238	.0282	.0288	.0168	.0212	.0212
-1.20000	.0384	.0355	.0291	.0310	.0315	.0259	.0275	.0193	.0242	.0215	.0282	.0275	.0145	.0212	.0193
-.40000	.0363	.0341	.0253	.0255	.0765	.0205	.0252	.0131	.0190	.0215	.0241	.0245	.0062	.0208	.0309

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0153	.0124	.0191	.0124	.0152	.0195	.0177	.0162	.0186	.0207	.0159	.0158	.0150	.0141	.0345
-1.20000	.0158	.0040	.0101	.0140	.0208	.0181	.0108	.0120	.0145	.0081	.0105	.0101	.0135	.0164	.0334

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW17)

MACH (4) = 1.056 RN/L (1) = 4.506

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0110	.0037	.0059	.0054	.0082	.0083	.0139	.0093	.0152	.0117	.0210	.0146	-.0073	.0038	.0319

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0458	.0282	.0294	.0257
-1.20000	.0417	.0189	.0213	.0239
-.40000	.0375	.0328	.0192	.0916

MACH (5) = 1.100 RN/L (1) = 4.536 P = 984.52 PT = 2102.7 TTF = 83.097 Q = 834.20

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0609	.0436	.0355	.0500	.0508	.0230	.0373	.0198	.0196	.0245	.0337	.0327	.0135	.0294	.0234
-1.20000	.0526	.0480	.0304	.0477	.0480	.0221	.0366	.0218	.0206	.0233	.0369	.0308	.0152	.0207	.0224
-.40000	.0399	.0406	.0203	.0414	.2068	.0157	.0312	.0162	.0162	.0228	.0342	.0308	.0101	.0207	.0287

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0232	.0160	.0175	.0135	.0503	.0388	.0230	.0152	.0181	.0179	.0220	-.0243	-.0253	-.0142	.1597
-1.20000	.0213	.0109	.0192	.0084	.0178	.0263	.0093	.0165	.0106	.0206	.0199	-.0261	-.0387	-.0372	.1542
-.40000	.0078	.0011	.0084	.0017	.0146	.0263	.0122	.0065	.0074	.0157	.0105	.0254	-.0225	-.0476	.1349

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1608	.1260	.1129	.1081
-1.20000	.1547	.1129	.1159	.0760
-.40000	.1079	.1666	.1321	.2412

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW17)

MACH (6) = 1.252 RN/L (1) = 4.546 P = 796.39 PT = 2068.1 TTF = 78.373 Q = 873.62

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0354	.0296	.0284	.0323	.0372	.0259	.0333	.0183	.0294	.0209	.0329	.0303	.0186	.0296	.0237
-1.20000	.0344	.0306	.0268	.0270	.0358	.0243	.0290	.0164	.0296	.0252	.0296	.0299	.0180	.0250	.0227
-.40000	.0273	.0288	.0278	.0236	.0543	.0188	.0249	.0132	.0246	.0267	.0317	.0254	.0125	.0284	.0329

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0174	.0171	.0222	.0143	.0177	.0198	.0158	.0194	.0176	.0195	.0105	.0125	.0166	.0137	.0202
-1.20000	.0125	.0169	.0193	.0138	.0189	.0166	.0144	.0158	.0166	.0184	.0132	.0142	.0147	.0106	.0203
-.40000	.0144	.0146	.0161	.0042	.0146	.0179	.0136	.0152	.0163	.0163	.0189	.0198	.0096	.0079	.0205

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0248	.0192	.0165	.0212
-1.20000	.0218	.0160	.0117	.0168
-.40000	.0173	.0134	.0048	.0307

MACH (7) = 1.398 RN/L (1) = 4.595 P = 666.25 PT = 2114.7 TTF = 77.504 Q = 911.65

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0288	.0250	.0250	.0245	.0332	.0143	.0164	.0121	.0186	.0114	.0200	.0155	.0096	.0133	.0154
-1.20000	.0197	.0207	.0245	.0220	.0321	.0156	.0177	.0107	.0181	.0142	.0159	.0185	.0098	.0135	.0146
-.40000	.0175	.0223	.0207	.0171	.0465	.0044	.0048	.0038	.0165	.0128	.0188	.0174	.0074	.0135	.0132

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0093	.0093	.0058	.0064	.0087	.0073	.0070	.0078	.0056	.0034	.0058	.0059	.0058	.0049	.0073
-1.20000	.0099	.0119	.0098	.0055	.0039	.0042	.0062	.0081	.0071	.0076	.0026	.0032	.0003	.0043	.0112
-.40000	.0044	.0009	.0011	.0012	.0052	.0082	.0070	.0056	.0059	-.0012	.0074	.0102	.0000	-.0031	.0015

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0103	.0055	.0090	.0081
-1.20000	.0111	.0053	.0058	.0096
-.40000	.0071	.0107	-.0014	.0297

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW18) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .596 RN/L (1) = 4.577 P = 2158.8 PT = 2742.1 TTF = 70.675 Q = 536.83

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0566	.0503	.0563	.0514	.0589	.0495	.0468	.0419	.0512	.0449	.0484	.0433	.0424	.0508	.0472
-1.20000	.0495	.0522	.0503	.0451	.0517	.0479	.0461	.0396	.0512	.0514	.0440	.0297	.0383	.0455	.0401
-.40000	.0403	.0501	.0428	.0367	.0637	.0371	.0392	.0279	.0512	.0467	.0453	.0366	.0375	.0455	.0559

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0512	.0455	.0462	.0349	.0366	.0462	.0484	.0426	.0488	.0488	.0435	.0447	.0420	.0557	.0567
-1.20000	.0463	.0413	.0378	.0385	.0408	.0396	.0432	.0426	.0448	.0383	.0435	.0479	.0370	.0460	.0533
-.40000	.0370	.0403	.0341	.0289	.0437	.0401	.0422	.0460	.0430	.0409	.0541	.0479	.0347	.0331	.0509

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0503	.0450	.0494	.0473
-1.20000	.0417	.0455	.0494	.0435
-.40000	.0461	.0603	.0406	.1095

MACH (2) = .800 RN/L (1) = 4.482 P = 1490.2 PT = 2272.5 TTF = 75.973 Q = 668.21

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0400	.0250	.0330	.0330	.0353	.0365	.0324	.0282	.0343	.0368	.0320	.0416	.0266	.0377	.0295
-1.20000	.0274	.0256	.0195	.0298	.0367	.0232	.0328	.0128	.0385	.0321	.0375	.0466	.0307	.0332	.0284
-.40000	.0284	.0348	.0123	.0207	.0458	.0180	.0278	.0107	.0332	.0408	.0353	.0410	.0247	.0330	.0316

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0342	.0375	.0316	.0293	.0379	.0379	.0294	.0448	.0464	.0361	.0257	.0280	.0330	.0406	.0582
-1.20000	.0244	.0336	.0341	.0230	.0417	.0451	.0298	.0371	.0410	.0439	.0211	.0257	.0376	.0282	.0608
-.40000	.0098	.0226	.0240	.0190	.0413	.0367	.0328	.0295	.0311	.0323	.0521	.0374	.0225	.0105	.0538

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW18)

MACH (2) = .800 RN/L (1) = 4.482

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0720	.0468	.0543	.0510
-1.20000	.0724	.0390	.0315	.0481
-.40000	.0598	.0620	.0436	.1148

MACH (3) = .899 RN/L (1) = 4.521 P = 1295.0 PT = 2189.0 TTF = 78.339 Q = 733.36

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0368	.0237	.0338	.0282	.0312	.0255	.0328	.0176	.0348	.0338	.0308	.0330	.0238	.0287	.0239
-1.20000	.0241	.0304	.0296	.0253	.0302	.0265	.0268	.0204	.0276	.0294	.0300	.0349	.0174	.0292	.0243
-.40000	.0296	.0300	.0177	.0144	.0420	.0185	.0175	.0120	.0316	.0246	.0268	.0287	.0183	.0146	.0318

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0265	.0343	.0335	.0208	.0288	.0300	.0269	.0320	.0348	.0386	.0196	.0261	.0296	.0347	.0558
-1.20000	.0199	.0277	.0247	.0141	.0277	.0274	.0237	.0344	.0380	.0298	.0223	.0244	.0193	.0235	.0480
-.40000	.0117	.0157	.0147	.0117	.0331	.0300	.0256	.0205	.0254	.0220	.0356	.0275	.0201	.0115	.0390

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0583	.0374	.0395	.0413
-1.20000	.0650	.0244	.0332	.0284
-.40000	.0449	.0511	.0320	.1163

MACH (4) = 1.100 RN/L (1) = 4.536 P = 983.81 PT = 2101.3 TTF = 82.785 Q = 833.68

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0598	.0421	.0376	.0515	.0496	.0245	.0396	.0228	.0201	.0253	.0379	.0362	.0156	.0305	.0226
-1.20000	.0562	.0432	.0326	.0456	.0481	.0216	.0379	.0223	.0194	.0265	.0360	.0350	.0139	.0209	.0229
-.40000	.0367	.0342	.0225	.0432	.2056	.0157	.0328	.0159	.0164	.0237	.0332	.0337	.0105	.0209	.0280

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0193	.0124	.0188	.0125	.0479	.0466	.0153	.0143	.0146	.0171	.0211	-.0167	-.0134	-.0128	.1493
-1.20000	.0143	.0109	.0185	.0098	.0165	.0224	.0102	.0158	.0108	.0171	.0122	-.0301	-.0532	-.0348	.1561

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW1B)

MACH (4) = 1.100 RN/L (1) = 4.536

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0042	-.0011	.0066	.0020	.0077	.0185	.0059	.0153	.0046	.0036	.0069	.0193	-.0573	-.0408	.1206

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1608	.1004	.1347	.1163
-1.20000	.1533	.1020	.1104	.0696
-.40000	.1187	.1458	.0953	.2163

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW19) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .604 RN/L (1) = 4.579 P = 2162.1 PT = 2766.8 TTF = 77.956 Q = 552.41

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0405	.0315	.0410	.0450	.0468	.0421	.0468	.0320	.0408	.0419	.0422	.0512	.0320	.0332	.0353
-1.20000	.0390	.0325	.0385	.0406	.0432	.0343	.0416	.0250	.0384	.0398	.0354	.0455	.0291	.0365	.0333
-.40000	.0338	.0323	.0351	.0367	.0571	.0289	.0349	.0227	.0315	.0364	.0380	.0411	.0209	.0453	.0583

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0365	.0489	.0439	.0260	.0386	.0374	.0313	.0320	.0382	.0485	.0260	.0313	.0374	.0389	.0555
-1.20000	.0334	.0373	.0421	.0299	.0396	.0341	.0375	.0302	.0341	.0493	.0235	.0256	.0359	.0363	.0478
-.40000	.0239	.0288	.0263	.0152	.0355	.0315	.0264	.0302	.0338	.0356	.0400	.0339	.0292	.0222	.0411

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0549	.0398	.0437	.0464
-1.20000	.0451	.0334	.0365	.0351
-.40000	.0341	.0386	.0424	.0871

MACH (2) = .803 RN/L (1) = 4.519 P = 1501.5 PT = 2295.8 TTF = 77.469 Q = 677.78

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0298	.0233	.0260	.0249	.0272	.0128	.0293	.0081	.0186	.0270	.0320	.0325	.0103	.0211	.0190
-1.20000	.0212	.0268	.0275	.0234	.0282	.0107	.0361	.0032	.0172	.0340	.0304	.0299	.0130	.0228	.0171
-.40000	.0153	.0184	.0191	.0122	.0327	.0090	.0143	.0013	.0163	.0202	.0299	.0265	.0050	.0258	.0348

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0208	.0294	.0259	.0176	.0195	.0262	.0210	.0228	.0279	.0286	.0174	.0210	.0252	.0246	.0371
-1.20000	.0231	.0256	.0310	.0134	.0251	.0285	.0200	.0228	.0244	.0330	.0191	.0233	.0244	.0263	.0378
-.40000	.0141	.0159	.0085	.0069	.0224	.0255	.0233	.0144	.0141	.0183	.0302	.0195	.0189	.0134	.0287

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW19)

MACH (2) = .803 RN/L (1) = 4.519

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0426	.0132	.0174	.0336
-1.20000	.0326	.0200	.0170	.0275
-.40000	.0309	.0206	.0153	.0769

MACH (3) = .904 RN/L (1) = 4.507 P = 1285.1 PT = 2184.0 TTF = 79.590 Q = 735.84

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0427	.0474	.0379	.0364	.0373	.0410	.0435	.0294	.0451	.0512	.0552	.0654	.0456	.0453	.0426
-1.20000	.0396	.0454	.0427	.0364	.0392	.0441	.0472	.0427	.0464	.0510	.0529	.0584	.0481	.0467	.0418
-.40000	.0290	.0296	.0420	.0304	.0560	.0319	.0437	.0236	.0453	.0602	.0470	.0603	.0352	.0473	.0755

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0496	.0471	.0488	.0427	.0752	.0670	.0498	.0509	.0614	.0633	.0554	.0564	.0702	.0585	.0821
-1.20000	.0356	.0517	.0530	.0412	.0620	.0647	.0486	.0600	.0677	.0670	.0551	.0636	.0610	.0537	.0837
-.40000	.0358	.0449	.0408	.0271	.0651	.0592	.0608	.0633	.0664	.0594	.0666	.0502	.0581	.0512	.0765

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0855	.0670	.0655	.0778
-1.20000	.0807	.0641	.0843	.0670
-.40000	.0811	.0667	.0579	.1247

MACH (4) = 1.103 RN/L (1) = 4.574 P = 985.93 PT = 2112.6 TTF = 81.709 Q = 839.40

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0534	.0419	.0279	.0248	.0287	.0278	.0241	.0217	.0229	.0163	.0236	.0215	.0147	.0188	.0144
-1.20000	.0489	.0426	.0297	.0250	.0271	.0259	.0241	.0213	.0227	.0173	.0240	.0212	.0140	.0188	.0139
-.40000	.0368	.0361	.0248	.0124	.0517	.0214	.0197	.0163	.0188	.0158	.0204	.0194	.0094	.0184	.0392

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0042	.0027	.0036	.0087	.0048	.0057	.0107	-.0002	.0009	.0004	.0079	.0074	.0009	.0020	.0137
-1.20000	.0089	-.0013	.0026	.0052	.0031	.0057	.0077	.0007	.0003	-.0007	.0070	.0042	-.0022	.0045	.0120

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW19)

MACH (4) = 1.103 RN/L (1) = 4.574

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0061	-.0025	-.0029	.0014	-.0011	-.0011	.0074	-.0028	-.0024	-.0029	.0095	.0119	-.0129	-.0029	.0093

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0210	.0209	.0232	.0090
-1.20000	.0217	.0140	.0140	-.0031
-.40000	.0150	.0366	.0140	.0394

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW20) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.100 RN/L (1) = 4.585 P = 990.18 PT = 2113.3 TTF = 80.667 Q = 838.14

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0516	.0424	.0320	.0364	.0386	.0250	.0297	.0189	.0257	.0190	.0289	.0263	.0166	.0229	.0186
-1.20000	.0477	.0411	.0339	.0393	.0399	.0229	.0269	.0189	.0198	.0193	.0241	.0251	.0107	.0234	.0188
-.40000	.0354	.0396	.0292	.0344	.1205	.0182	.0235	.0126	.0188	.0191	.0231	.0223	.0091	.0223	.0249

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0092	.0126	.0138	.0081	.0180	.0219	.0125	.0102	.0106	.0134	.0114	.0129	.0170	.0059	.0304
-1.20000	.0085	.0079	.0093	.0049	.0121	.0135	.0065	.0152	.0166	.0086	.0052	.0075	.0069	.0059	.0294
-.40000	.0049	.0052	.0043	.0011	.0099	.0105	.0065	.0067	.0113	.0078	.0109	.0097	-.0041	.0012	.0292

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0491	.0247	.0223	.0266
-1.20000	.0407	.0105	.0182	.0199
-.40000	.0315	.0470	.0169	.0954

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW21) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 6.043 P = 2827.7 PT = 3612.0 TTF = 72.349 Q = 717.01

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0408	.0376	.0344	.0326	.0351	.0374	.0327	.0349	.0336	.0374	.0384	.0396	.0308	.0346	.0286
-1.20000	.0304	.0314	.0350	.0294	.0333	.0239	.0335	.0189	.0306	.0386	.0432	.0325	.0191	.0318	.0286
-.40000	.0328	.0364	.0209	.0227	.0488	.0235	.0255	.0160	.0316	.0334	.0464	.0343	.0164	.0363	.0525

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0338	.0260	.0329	.0239	.0435	.0412	.0275	.0327	.0345	.0365	.0308	.0324	.0414	.0387	.0386
-1.20000	.0324	.0252	.0297	.0324	.0377	.0406	.0255	.0301	.0309	.0301	.0255	.0243	.0359	.0345	.0367
-.40000	.0174	.0244	.0240	.0203	.0361	.0416	.0332	.0305	.0266	.0341	.0432	.0360	.0349	.0164	.0382

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0572	.0350	.0423	.0377
-1.20000	.0376	.0205	.0326	.0326
-.40000	.0388	.0344	.0328	.0940

MACH (2) = .798 RN/L (1) = 6.048 P = 2032.7 PT = 3092.2 TTF = 78.756 Q = 905.90

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0302	.0225	.0209	.0320	.0341	.0182	.0347	.0127	.0196	.0320	.0307	.0353	.0127	.0278	.0268
-1.20000	.0258	.0179	.0282	.0274	.0298	.0215	.0320	.0170	.0282	.0331	.0271	.0431	.0188	.0245	.0221
-.40000	.0108	.0271	.0288	.0173	.0452	.0099	.0187	-.0003	.0239	.0280	.0217	.0341	.0150	.0391	.0441

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0205	.0283	.0378	.0206	.0370	.0324	.0201	.0279	.0324	.0406	.0186	.0233	.0309	.0239	.0429
-1.20000	.0312	.0220	.0284	.0195	.0292	.0306	.0218	.0232	.0276	.0279	.0113	.0171	.0282	.0330	.0315
-.40000	.0205	.0151	.0135	.0030	.0261	.0243	.0180	.0279	.0277	.0229	.0472	.0218	.0202	.0225	.0305

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW21)

MACH (2) = .798 RN/L (1) = 6.048

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0491	.0190	.0238	.0342
-1.20000	.0447	.0199	.0281	.0381
-.40000	.0428	.0375	.0131	.0879

MACH (3) = .898 RN/L (1) = 6.011 P = 1747.7 PT = 2950.0 TTF = 83.791 Q = 986.87

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0250	.0297	.0255	.0201	.0239	.0135	.0200	.0081	.0178	.0237	.0175	.0284	.0134	.0259	.0218
-1.20000	.0262	.0172	.0169	.0130	.0178	.0217	.0178	.0167	.0184	.0192	.0222	.0236	.0092	.0146	.0118
-.40000	.0169	.0201	.0213	.0130	.0353	.0146	.0187	.0124	.0221	.0230	.0273	.0145	.0115	.0250	.0356

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0220	.0146	.0163	.0131	.0247	.0195	.0163	.0236	.0295	.0159	.0251	.0286	.0198	.0270	.0225
-1.20000	.0189	.0129	.0172	.0168	.0256	.0196	.0274	.0136	.0164	.0185	.0073	.0106	.0180	.0216	.0235
-.40000	.0097	.0069	.0143	.0045	.0218	.0252	.0178	.0176	.0194	.0178	.0303	.0237	.0184	.0170	.0221

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0332	.0199	.0188	.0164
-1.20000	.0257	.0133	.0207	.0188
-.40000	.0257	.0247	.0227	.0647

MACH (4) = 1.046 RN/L (1) = 6.007 P = 1412.4 PT = 2824.8 TTF = 85.248 Q = 1082.6

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0310	.0252	.0232	.0290	.0313	.0153	.0358	.0098	.0243	.0369	.0230	.0245	.0171	.0323	.0243
-1.20000	.0248	.0262	.0214	.0255	.0291	.0136	.0216	.0103	.0173	.0234	.0292	.0219	.0103	.0208	.0159
-.40000	.0231	.0231	.0157	.0193	.0503	.0100	.0150	.0058	.0136	.0267	.0296	.0207	.0056	.0137	.0115

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0168	.0310	.0298	.0159	.0242	.0260	.0215	.0268	.0284	.0297	.0138	.0215	.0237	.0217	.0526
-1.20000	.0130	.0199	.0217	.0066	.0226	.0281	.0135	.0205	.0217	.0229	.0145	.0168	.0215	.0173	.0327

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW21)

MACH (4) = 1.046 RN/L (1) = 6.007

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0031	.0100	.0112	.0072	.0205	.0225	.0173	.0111	.0148	.0165	.0338	.0183	.0086	.0051	.0272

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0365	.0270	.0232	.0319
-1.20000	.0371	.0186	.0220	.0150
-.40000	.0306	.0179	.0130	.0538

MACH (5) = 1.093 RN/L (1) = 5.939 P = 1331.1 PT = 2816.3 TTF = 92.100 Q = 1112.4

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0377	.0313	.0247	.0281	.0280	.0197	.0200	.0139	.0239	.0150	.0161	.0166	.0139	.0176	.0150
-1.20000	.0343	.0325	.0269	.0297	.0298	.0200	.0182	.0139	.0156	.0179	.0168	.0191	.0076	.0276	.0182
-.40000	.0264	.0300	.0187	.0258	.0901	.0121	.0124	.0088	.0207	.0141	.0193	.0099	.0091	.0185	.0148

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0054	.0118	.0105	.0073	.0116	.0100	.0147	.0099	.0116	.0096	.0034	.0042	.0093	.0053	.0200
-1.20000	.0114	.0158	.0098	.0082	.0067	.0080	.0088	.0195	.0189	.0102	.0040	.0031	.0033	.0110	.0199
-.40000	.0078	.0051	.0024	.0009	.0106	.0088	.0078	.0048	.0078	.0045	.0101	.0135	-.0050	-.0012	.0159

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0249	.0160	.0133	.0264
-1.20000	.0223	.0042	.0124	.0149
-.40000	.0175	.0216	.0129	.0761

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW21)

MACH (6) = 1.248 RN/L (1) = 5.951 P = 1097.7 PT = 2837.6 TTF = 97.898 Q = 1197.6

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0213	.0208	.0262	.0180	.0201	.0273	.0174	.0211	.0237	.0177	.0178	.0166	.0135	.0167	.0131
-1.20000	.0188	.0217	.0191	.0143	.0192	.0225	.0196	.0172	.0230	.0200	.0161	.0168	.0122	.0160	.0113
-.40000	.0213	.0174	.0207	.0101	.0324	.0170	.0120	.0127	.0218	.0171	.0111	.0139	.0105	.0211	.0211

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0191	.0080	.0110	.0051	.0104	.0104	.0103	.0103	.0107	.0086	.0070	.0096	.0096	.0168	.0076
-1.20000	.0102	.0138	.0154	.0023	.0080	.0080	.0071	.0079	.0076	.0147	.0065	.0084	.0058	.0078	.0140
-.40000	.0090	.0092	.0080	.0032	.0078	.0041	.0115	.0065	.0076	.0096	.0070	.0118	.0012	.0043	.0095

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0134	.0108	.0192	.0103
-1.20000	.0119	.0091	.0146	.0068
-.40000	.0061	.0084	.0060	.0234

MACH (7) = 1.406 RN/L (1) = 5.981 P = 927.94 PT = 2976.9 TTF = 109.45 Q = 1283.5

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0474	.0472	.0402	.0441	.0357	.0376	.0428	.0316	.0348	.0392	.0418	.0409	.0255	.0359	.0319
-1.20000	.0421	.0423	.0354	.0316	.0366	.0341	.0447	.0291	.0363	.0415	.0427	.0409	.0255	.0359	.0314
-.40000	.0396	.0433	.0322	.0236	.1004	.0287	.0376	.0248	.0322	.0365	.0412	.0392	.0200	.0399	.0525

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0262	.0291	.0303	.0225	.0265	.0276	.0231	.0262	.0269	.0274	.0225	.0202	.0221	.0244	.0198
-1.20000	.0229	.0290	.0322	.0216	.0265	.0282	.0242	.0266	.0252	.0291	.0200	.0183	.0229	.0208	.0200
-.40000	.0207	.0264	.0256	.0158	.0231	.0253	.0227	.0259	.0221	.0243	.0273	.0241	.0178	.0172	.0163

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0222	.0204	.0220	.0231
-1.20000	.0216	.0199	.0189	.0223
-.40000	.0185	.0198	.0155	.0373

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW22) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 6.016 P = 2831.2 PT = 3612.0 TTF = 73.465 Q = 714.10

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0390	.0344	.0268	.0362	.0375	.0342	.0291	.0242	.0304	.0362	.0369	.0321	.0240	.0454	.0333
-1.20000	.0276	.0426	.0238	.0228	.0271	.0284	.0327	.0256	.0336	.0394	.0397	.0419	.0274	.0322	.0239
-.40000	.0356	.0252	.0310	.0180	.0415	.0292	.0250	.0184	.0276	.0328	.0391	.0349	.0168	.0440	.0514

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0271	.0304	.0303	.0270	.0406	.0390	.0259	.0411	.0416	.0313	.0303	.0357	.0353	.0280	.0375
-1.20000	.0321	.0298	.0319	.0222	.0380	.0426	.0219	.0304	.0319	.0329	.0335	.0275	.0399	.0293	.0373
-.40000	.0215	.0235	.0201	.0170	.0354	.0394	.0299	.0361	.0319	.0293	.0329	.0331	.0331	.0234	.0371

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0414	.0307	.0331	.0323
-1.20000	.0448	.0307	.0379	.0353
-.40000	.0391	.0371	.0267	.0948

MACH (2) = .808 RN/L (1) = 6.022 P = 1998.7 PT = 3070.3 TTF = 80.146 Q = 912.72

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0171	.0186	.0127	.0258	.0259	.0218	.0284	.0278	.0146	.0244	.0295	.0261	.0206	.0203	.0232
-1.20000	.0180	.0293	.0138	.0193	.0237	.0118	.0163	.0175	.0180	.0182	.0228	.0270	.0247	.0207	.0217
-.40000	.0116	.0108	.0186	.0127	.0339	.0024	.0182	.0107	.0249	.0221	.0340	.0226	.0319	.0168	.0421

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0197	.0265	.0321	.0220	.0307	.0355	.0283	.0252	.0297	.0344	.0319	.0358	.0367	.0295	.0427
-1.20000	.0235	.0176	.0189	.0255	.0226	.0287	.0263	.0288	.0334	.0252	.0348	.0322	.0292	.0291	.0330
-.40000	.0213	.0157	.0137	.0133	.0212	.0318	.0280	.0149	.0212	.0235	.0424	.0178	.0229	.0273	.0346

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW22)

MACH (2) = .808 RN/L (1) = 6.022

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0408	.0231	.0347	.0399
-1.20000	.0386	.0224	.0294	.0234
-.40000	.0373	.0434	.0317	.0805

MACH (3) = .904 RN/L (1) = 6.064 P = 1746.2 PT = 2967.0 TTF = 83.548 Q = 999.36

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0149	.0026	.0072	.0281	.0400	.0046	.0370	.0173	-.0046	.0266	.0373	.0427	.0105	.0193	.0242
-1.20000	.0031	.0051	-.0058	.0147	.0313	.0026	.0347	.0188	.0098	.0256	.0344	.0438	.0196	.0163	.0154
-.40000	-.0013	.0068	.0002	.0170	.0510	-.0006	.0333	.0131	.0012	.0270	.0303	.0373	.0107	.0192	.0413

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0345	.0175	.0238	.0272	.0334	.0320	.0311	.0325	.0418	.0270	.0193	.0294	.0369	.0398	.0469
-1.20000	.0158	.0219	.0252	.0159	.0215	.0329	.0204	.0245	.0295	.0365	.0250	.0292	.0310	.0198	.0543
-.40000	.0147	.0076	.0177	.0095	.0108	.0228	.0234	.0261	.0315	.0329	.0395	.0320	.0142	.0171	.0417

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0594	.0221	.0342	.0452
-1.20000	.0601	.0225	.0377	.0273
-.40000	.0480	.0369	.0335	.1092

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW23) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .598 RN/L (1) = 6.019 P = 2837.6 PT = 3614.9 TTF = 72.663 Q = 711.27

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0277	.0293	.0423	.0427	.0391	.0313	.0361	.0250	.0259	.0399	.0427	.0397	.0220	.0363	.0363
-1.20000	.0239	.0291	.0251	.0391	.0417	.0337	.0385	.0308	.0355	.0398	.0355	.0357	.0284	.0315	.0325
-.40000	.0251	.0255	.0243	.0234	.0455	.0235	.0327	.0162	.0313	.0455	.0357	.0339	.0234	.0377	.0537

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0326	.0373	.0355	.0190	.0437	.0453	.0244	.0347	.0426	.0344	.0228	.0302	.0418	.0410	.0441
-1.20000	.0276	.0315	.0349	.0216	.0401	.0341	.0330	.0272	.0332	.0340	.0250	.0314	.0338	.0264	.0383
-.40000	.0174	.0343	.0272	.0130	.0375	.0353	.0282	.0325	.0302	.0382	.0469	.0374	.0288	.0170	.0445

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0522	.0270	.0334	.0424
-1.20000	.0472	.0354	.0408	.0422
-.40000	.0438	.0356	.0342	.1041

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW24) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.241 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .598 RN/L (1) = 2.044 P = 934.30 PT = 1189.6 TTF = 59.446 Q = 233.68

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0363	.0309	.0285	.0326	.0521	.0309	.0497	.0164	.0254	.0302	.0454	.0442	.0110	.0030	.0247
-1.20000	.0285	.0285	.0369	.0326	.0503	.0260	.0381	.0110	.0260	.0260	.0363	.0363	.0140	.0024	.0211
-.40000	.0345	.0218	.0266	.0187	.0521	.0182	.0466	.0033	.0200	.0350	.0345	.0381	-.0009	.0018	.0175

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0082	.0072	.0247	.0080	.0096	.0126	.0100	.0029	.0036	.0090	.0057	-.0020	.0012	.0003	-.0049
-1.20000	.0166	.0133	.0175	-.0009	.0018	.0054	.0010	.0023	-.0036	.0096	.0051	.0010	-.0078	.0092	.0023
-.40000	.0040	.0084	.0217	.0021	-.0054	-.0012	.0076	-.0019	-.0048	.0090	.0140	.0064	-.0180	-.0069	.0023

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	-.0006	-.0008	.0028	-.0039
-1.20000	.0012	.0004	-.0032	.0045
-.40000	-.0024	-.0020	-.0038	.0325

MACH (2) = .896 RN/L (1) = 2.023 P = 563.69 PT = 949.16 TTF = 64.875 Q = 316.69

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0389	.0314	.0309	.0300	.0520	.0300	.0475	.0130	.0260	.0314	.0475	.0453	.0135	.0236	-.1609
-1.20000	.0332	.0336	.0278	.0376	.0520	.0269	.0399	.0135	.0234	.0261	.0435	.0435	.0117	.0232	-.1586
-.40000	.0292	.0260	.0300	.0270	.0660	.0180	.0354	.0042	.0287	.0261	.0444	.0426	.0117	.0241	.0285

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0110	.0196	-.1742	.0051	.0142	-.1747	.0048	.0127	.0113	.0166	.0117	.0026	.0082	.0038	.0035
-1.20000	.0026	.0165	-.1756	.0073	.0169	-.1778	.0079	.0114	.0095	.0122	.0099	.0004	.0082	.0003	.0012
-.40000	.0039	.0232	-.1805	-.0002	.0107	-.1765	.0075	.0088	.0086	.0082	.0320	.0075	-.0007	.0016	-.0032

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW24)

MACH (2) = .896 RN/L (1) = 2.023

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0126	.0004	-.0010	.0091
-1.20000	.0051	-.0010	-.0005	.0060
-.40000	.0020	.0124	-.0023	.0179

MACH (3) = 1.100 RN/L (1) = 2.016 P = 428.61 PT = 915.21 TTF = 74.475 Q = 363.05

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0724	.0607	.0514	.0674	.0710	.0463	.0595	.0319	.0249	.0331	.0453	.0437	.0160	.0374	.0346
-1.20000	.0588	.0607	.0529	.0670	.0741	.0440	.0579	.0323	.0245	.0319	.0465	.0429	.0148	.0331	.0326
-.40000	.0526	.0662	.0576	.0607	.2536	.0401	.0560	.0277	.0253	.0319	.0441	.0418	.0129	.0712	.0518

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	-.0050	-.0019	.0068	-.0004	-.0100	-.0057	-.0073	-.0119	-.0109	-.0105	-.0058	-.0124	-.0203	-.0136	.0454
-1.20000	-.0089	-.0065	.0057	-.0047	-.0104	-.0069	-.0096	-.0154	-.0183	-.0152	-.0074	-.0143	-.0273	-.0218	.0311
-.40000	-.0213	-.0135	.0025	-.0105	-.0143	-.0072	-.0151	-.0169	-.0175	-.0191	-.0090	-.0073	-.0379	-.0304	.0241

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0467	.0128	.0074	.0203
-1.20000	.0483	-.0042	-.0089	.0019
-.40000	.0311	.0384	-.0066	.0600

MACH (4) = 1.247 RN/L (1) = 2.050 P = 357.88 PT = 923.69 TTF = 74.510 Q = 389.72

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0375	.0223	.0255	.0270	.0347	.0226	.0274	.0156	.0190	.0197	.0303	.0311	.0134	.0156	.0209
-1.20000	.0317	.0262	.0259	.0255	.0347	.0197	.0252	.0149	.0186	.0186	.0336	.0333	.0120	.0160	.0206
-.40000	.0288	.0262	.0233	.0201	.0626	.0139	.0193	.0091	.0150	.0175	.0311	.0311	.0076	.0160	.0248

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0092	.0123	.0144	.0113	.0116	.0188	.0081	.0082	.0064	.0111	.0065	.0042	.0075	.0091	.0158
-1.20000	.0060	.0105	.0137	.0055	.0134	.0220	.0096	.0079	.0064	.0108	.0091	.0067	.0064	.0080	.0162

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW24)

MACH (4) = 1.247 RN/L (1) = 2.050

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0009	.0160	.0086	.0026	.0105	.0195	.0096	.0057	.0064	.0045	.0185	.0067	-.0002	.0026	.0093

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0192	.0132	.0085	.0080
-1.20000	.0174	.0081	.0067	.0087
-.40000	.0155	.0175	-.0005	.0163

MACH (5) = 1.398 RN/L (1) = 2.025 P = 294.93 PT = 936.43 TTF = 79.312 Q = 403.69

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0562	.0446	.0401	.0460	.0498	.0373	.0431	.0299	.0268	.0299	.0392	.0392	.0264	.0288	.0336
-1.20000	.0555	.0422	.0394	.0460	.0502	.0317	.0406	.0264	.0247	.0296	.0420	.0395	.0236	.0271	.0322
-.40000	.0464	.0411	.0390	.0411	.0771	.0205	.0339	.0198	.0247	.0282	.0395	.0406	.0240	.0236	.0319

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0148	.0190	.0238	.0191	.0124	.0220	.0106	.0130	.0131	.0173	.0215	.0120	.0121	.0145	.0162
-1.20000	.0158	.0180	.0224	.0215	.0145	.0248	.0120	.0130	.0135	.0163	.0191	.0089	.0135	.0145	.0158
-.40000	.0110	.0138	.0192	.0159	.0131	.0220	.0141	.0106	.0114	.0135	.0495	.0117	.0071	.0110	.0134

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0184	.0130	.0120	.0131
-1.20000	.0180	.0099	.0134	.0145
-.40000	.0184	.0249	.0099	.0275

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW25) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.315 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.101 RN/L (1) = 2.015 P = 427.90 PT = 915.21 TTF = 74.684 Q = 363.33

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0733	.0609	.0527	.0644	.0694	.0453	.0599	.0333	.0255	.0333	.0457	.0438	.0158	.0376	.0344
-1.20000	.0636	.0624	.0527	.0675	.0773	.0453	.0587	.0329	.0255	.0321	.0473	.0438	.0154	.0334	.0332
-.40000	.0570	.0652	.0523	.0633	.2644	.0387	.0564	.0275	.0259	.0314	.0465	.0434	.0143	.0714	.0523

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	-.0036	-.0058	.0082	.0003	-.0132	-.0042	-.0083	-.0165	-.0158	-.0119	-.0056	-.0129	-.0193	-.0137	.0302
-1.20000	-.0094	-.0062	.0075	-.0013	-.0116	-.0027	-.0117	-.0173	-.0174	-.0139	-.0052	-.0117	-.0240	-.0211	.0290
-.40000	-.0233	-.0108	.0036	-.0091	-.0124	-.0046	-.0156	-.0216	-.0229	-.0170	-.0079	-.0071	-.0354	-.0297	.0321

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0343	.0099	.0072	.0217
-1.20000	.0347	.0010	-.0110	-.0052
-.40000	.0382	.0285	-.0133	.0605

MACH (2) = 1.248 RN/L (1) = 2.047 P = 357.17 PT = 922.99 TTF = 74.789 Q = 389.52

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0382	.0287	.0291	.0321	.0409	.0251	.0350	.0179	.0182	.0270	.0365	.0336	.0132	.0220	.0270
-1.20000	.0360	.0276	.0294	.0288	.0383	.0225	.0328	.0185	.0174	.0266	.0372	.0347	.0114	.0209	.0234
-.40000	.0302	.0280	.0291	.0281	.0703	.0142	.0240	.0092	.0214	.0219	.0332	.0325	.0143	.0224	.0310

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0116	.0079	.0223	.0117	.0075	.0259	.0098	.0145	.0148	.0166	.0121	.0091	.0144	.0117	.0192
-1.20000	.0127	.0079	.0201	.0103	.0079	.0248	.0091	.0127	.0119	.0170	.0107	.0080	.0115	.0128	.0196
-.40000	.0062	.0057	.0139	.0030	.0079	.0223	.0113	.0098	.0119	.0133	.0165	.0098	.0045	.0056	.0152

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW25)

MACH (2) = 1.248 RN/L (1) = 2.047

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0177	.0116	.0120	.0121
-1.20000	.0206	.0077	.0091	.0136
-.40000	.0155	.0235	.0004	.0201

MACH (3) = 1.398 RN/L (1) = 2.023 P = 294.93 PT = 936.43 TTF = 79.764 Q = 403.69

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0587	.0444	.0416	.0500	.0511	.0357	.0430	.0276	.0266	.0311	.0401	.0401	.0256	.0233	.0356
-1.20000	.0570	.0441	.0385	.0475	.0494	.0308	.0423	.0266	.0266	.0332	.0401	.0416	.0256	.0236	.0349
-.40000	.0462	.0427	.0381	.0423	.0756	.0203	.0352	.0193	.0266	.0300	.0377	.0412	.0263	.0236	.0331

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0166	.0184	.0258	.0221	.0146	.0251	.0124	.0137	.0139	.0167	.0210	.0110	.0135	.0151	.0165
-1.20000	.0148	.0187	.0261	.0221	.0128	.0247	.0134	.0144	.0153	.0184	.0207	.0107	.0114	.0137	.0186
-.40000	.0114	.0229	.0205	.0144	.0118	.0226	.0110	.0123	.0128	.0146	.0511	.0121	.0058	.0116	.0151

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0206	.0107	.0110	.0161
-1.20000	.0202	.0107	.0114	.0151
-.40000	.0177	.0259	.0096	.0325

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW26) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.305 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 4.512 P = 2152.2 PT = 2749.2 TTF = 80.320 Q = 545.68

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0562	.0336	.0346	.0317	.0398	.0235	.0406	.0131	.0258	.0379	.0367	.0434	.0167	.0299	.0284
-1.20000	.0212	.0346	.0341	.0198	.0320	.0191	.0341	.0116	.0315	.0296	.0297	.0279	.0141	.0361	.0168
-.40000	.0191	.0305	.0209	.0173	.0549	.0140	.0202	.0034	.0261	.0229	.0217	.0233	.0080	.0361	.0266

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0173	.0103	.0217	.0241	.0216	.0189	.0111	.0146	.0160	.0098	.0105	.0060	.0101	.0095	-.0005
-1.20000	.0147	.0191	.0184	.0054	.0082	.0145	.0142	.0105	.0078	.0126	.0128	.0016	.0060	.0077	.0031
-.40000	.0018	.0131	.0081	-.0061	.0041	-.0002	.0034	.0139	.0060	.0016	.0264	.0091	-.0112	-.0061	-.0012

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0167	.0062	-.0041	.0070
-1.20000	.0072	.0013	-.0028	.0080
-.40000	-.0017	.0034	-.0131	.0546

MACH (2) = .802 RN/L (1) = 4.630 P = 1599.1 PT = 2441.5 TTF = 92.826 Q = 719.23

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0451	.0322	.0320	.0356	.0410	.0289	.0388	.0220	.0269	.0395	.0374	.0386	.0183	.0334	.0291
-1.20000	.0261	.0334	.0330	.0361	.0401	.0217	.0328	.0166	.0354	.0320	.0399	.0309	.0205	.0319	.0250
-.40000	.0261	.0249	.0269	.0271	.0614	.0289	.0248	.0224	.0225	.0344	.0346	.0336	.0036	.0401	.0367

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0288	.0202	.0267	.0112	.0177	.0171	.0266	.0188	.0194	.0201	.0117	.0143	.0098	.0176	.0116
-1.20000	.0149	.0179	.0191	.0112	.0208	.0248	.0233	.0180	.0151	.0166	.0162	.0079	.0178	.0135	.0079
-.40000	.0151	.0159	.0120	.0040	.0131	.0189	.0219	.0133	.0094	.0088	.0275	.0188	.0110	.0049	.0040

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW26)

MACH (2) = .802 RN/L (1) = 4.630

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0166	.0083	.0196	.0176
-1.20000	.0092	.0173	.0130	.0213
-.40000	.0145	.0227	.0116	.0492

MACH (3) = .901 RN/L (1) = 4.385 P = 1317.6 PT = 2230.0 TTF = 99.345 Q = 748.08

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0447	.0337	.0341	.0341	.0375	.0319	.0384	.0239	.0321	.0356	.0378	.0391	.0222	.0325	.0227
-1.20000	.0321	.0304	.0339	.0343	.0417	.0264	.0307	.0211	.0333	.0292	.0338	.0342	.0170	.0312	.0247
-.40000	.0358	.0292	.0300	.0211	.0562	.0203	.0264	.0147	.0288	.0294	.0294	.0283	.0140	.0274	.0317

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0209	.0225	.0240	.0155	.0168	.0204	.0175	.0154	.0164	.0200	.0147	.0077	.0129	.0131	.0085
-1.20000	.0188	.0210	.0195	.0155	.0147	.0182	.0170	.0154	.0155	.0175	.0118	.0075	.0117	.0121	.0029
-.40000	.0144	.0140	.0174	.0099	.0115	.0116	.0200	.0154	.0089	.0145	.0334	.0188	.0014	.0065	.0016

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0179	.0099	.0125	.0103
-1.20000	.0082	.0080	.0095	.0119
-.40000	.0048	.0114	.0075	.0536

MACH (4) = 1.050 RN/L (1) = 4.545 P = 1075.1 PT = 2159.3 TTF = 89.819 Q = 829.62

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0269	.0250	.0261	.0249	.0406	.0332	.0269	.0192	.0431	.0400	.0468	.0421	.0274	.0334	.0296
-1.20000	.0190	.0224	.0257	.0229	.0395	.0269	.0152	.0131	.0447	.0349	.0378	.0445	.0241	.0324	.0191
-.40000	.0194	.0222	.0238	.0173	.0435	.0120	-.0051	-.0047	.0397	.0339	.0140	.0393	.0195	.0476	-.0046

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0261	.0271	.0301	.0203	.0237	.0282	.0245	.0237	.0222	.0239	.0183	.0189	.0213	.0209	.0242
-1.20000	.0208	.0205	.0271	.0163	.0246	.0279	.0235	.0247	.0230	.0217	.0183	.0161	.0208	.0193	.0181

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW26)

MACH (4) = 1.050 RN/L (1) = 4.545

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0191	.0205	.0245	.0114	.0212	.0230	.0245	.0201	.0212	.0133	.0586	.0271	.0129	.0136	.0127

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0294	.0211	.0274	.0259
-1.20000	.0262	.0205	.0228	.0198
-.40000	.0190	.0245	.0103	.0310

MACH (5) = 1.101 RN/L (1) = 4.582 P = 1017.1 PT = 2173.4 TTF = 92.722 Q = 862.49

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0605	.0522	.0465	.0465	.0443	.0473	.0486	.0360	.0394	.0413	.0438	.0421	.0292	.0486	.0377
-1.20000	.0509	.0482	.0426	.0489	.0454	.0472	.0481	.0363	.0424	.0406	.0427	.0425	.0317	.0464	.0377
-.40000	.0532	.0566	.0440	.0400	.1988	.0402	.0445	.0282	.0431	.0401	.0448	.0392	.0303	.1300	.1307

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0087	.0092	.0127	.0100	.0051	.0044	.0079	.0015	.0037	.0018	.0091	-.0033	.0023	.0013	.0417
-1.20000	-.0059	.0058	.0098	.0068	.0048	.0028	.0036	.0025	.0026	.0013	.0042	-.0083	-.0067	-.0083	.0349
-.40000	-.0052	-.0001	.0077	.0036	.0027	.0034	.0046	.0002	.0000	.0007	.0044	.0095	-.0175	-.0165	.0292

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0487	.0020	.0180	.0230
-1.20000	.0396	.0036	-.0046	-.0068
-.40000	.0286	.0409	-.0034	.0716

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW26)

MACH (6) = 1.248 RN/L (1) = 4.465 P = 822.55 PT = 2126.1 TTF = 97.347 Q = 897.28

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0445	.0377	.0361	.0384	.0429	.0366	.0366	.0267	.0345	.0338	.0377	.0356	.0203	.0364	.0272
-1.20000	.0385	.0389	.0306	.0354	.0409	.0327	.0368	.0230	.0355	.0343	.0371	.0344	.0200	.0364	.0269
-.40000	.0364	.0392	.0296	.0249	.1260	.0244	.0265	.0178	.0361	.0332	.0336	.0337	.0167	.0364	.0423

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0227	.0208	.0201	.0144	.0197	.0234	.0221	.0171	.0177	.0177	.0158	.0152	.0185	.0183	.0210
-1.20000	.0136	.0185	.0196	.0163	.0191	.0214	.0212	.0196	.0196	.0176	.0158	.0103	.0144	.0138	.0187
-.40000	.0132	.0130	.0115	.0105	.0171	.0185	.0212	.0132	.0160	.0120	.0201	.0224	.0058	.0064	.0167

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0287	.0168	.0226	.0223
-1.20000	.0217	.0168	.0174	.0183
-.40000	.0160	.0212	.0078	.0382

MACH (7) = 1.392 RN/L (1) = 4.420 P = 682.52 PT = 2146.6 TTF = 100.00 Q = 925.20

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0400	.0284	.0253	.0234	.0330	.0284	.0280	.0183	.0267	.0257	.0301	.0254	.0152	.0241	.0197
-1.20000	.0270	.0253	.0241	.0220	.0326	.0253	.0254	.0138	.0258	.0257	.0254	.0271	.0137	.0309	.0182
-.40000	.0203	.0267	.0253	.0182	.0478	.0158	.0187	.0071	.0272	.0237	.0251	.0275	.0117	.0303	.0273

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0099	.0120	.0145	.0088	.0105	.0142	.0098	.0081	.0096	.0115	.0117	.0076	.0096	.0102	.0134
-1.20000	.0098	.0123	.0133	.0082	.0081	.0121	.0104	.0111	.0107	.0107	.0082	.0039	.0057	.0082	.0125
-.40000	.0081	.0064	.0081	.0035	.0090	.0112	.0099	.0047	.0090	.0058	.0183	.0113	.0001	.0036	.0088

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0158	.0081	.0113	.0140
-1.20000	.0145	.0064	.0061	.0102
-.40000	.0096	.0195	.0033	.0474

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW27) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.397 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.099 RN/L (1) = 4.574 P = 1018.5 PT = 2172.0 TTF = 93.068 Q = 861.11

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0610	.0516	.0451	.0443	.0433	.0485	.0479	.0378	.0401	.0405	.0433	.0417	.0300	.0483	.0344
-1.20000	.0563	.0500	.0428	.0459	.0452	.0467	.0448	.0362	.0404	.0386	.0429	.0420	.0295	.0442	.0364
-.40000	.0485	.0570	.0401	.0395	.1981	.0413	.0429	.0279	.0424	.0389	.0425	.0401	.0302	.1464	.1415

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0050	.0104	.0116	.0101	.0032	.0029	.0063	.0011	.0008	.0045	.0081	-.0065	-.0008	-.0006	.0456
-1.20000	-.0098	.0032	.0075	.0070	.0052	.0047	.0026	.0043	.0042	-.0007	.0046	-.0135	-.0062	-.0056	.0358
-.40000	-.0049	-.0038	.0047	-.0013	.0052	.0046	.0010	.0009	-.0007	.0016	.0042	.0114	-.0194	-.0168	.0350

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0511	.0050	.0202	.0218
-1.20000	.0451	-.0023	-.0025	.0010
-.40000	.0345	.0586	.0060	.1041

MACH (2) = 1.395 RN/L (1) = 4.364 P = 679.69 PT = 2146.6 TTF = 105.23 Q = 825.28

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0407	.0276	.0276	.0237	.0312	.0296	.0280	.0191	.0268	.0265	.0290	.0281	.0162	.0257	.0198
-1.20000	.0273	.0261	.0235	.0214	.0331	.0264	.0260	.0162	.0273	.0258	.0275	.0276	.0144	.0257	.0183
-.40000	.0207	.0227	.0215	.0173	.0523	.0160	.0191	.0080	.0233	.0244	.0246	.0292	.0106	.0356	.0308

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0399	.0129	.0155	.0125	.0094	.0146	.0363	.0089	.0110	.0118	.0115	.0321	.0089	.0125	.0139
-1.20000	.0325	.0128	.0140	.0090	.0102	.0162	.0361	.0104	.0112	.0119	.0104	.0266	.0103	.0103	.0127
-.40000	.0320	.0108	.0099	.0039	.0088	.0122	.0358	.0072	.0124	.0075	.0191	.0358	.0017	.0019	.0104

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW27)

MACH (2) = 1.395 RN/L (1) = 4.364

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0158	.0355	.0382	.0147
-1.20000	.0145	.0339	.0366	.0125
-.40000	.0119	.0390	.0310	.0451

OA-252 (PS0+A) TILE WALL PRESS 90 DEG PANEL (R3TW28) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.272 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 6.045 P = 2952.1 PT = 3766.2 TTF = 89.057 Q = 744.52

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0383	.0290	.0273	.0256	.0282	.0239	.0218	.0143	.0248	.0223	.0244	.0252	.0137	.0278	.0166
-1.20000	.0227	.0173	.0273	.0186	.0301	.0224	.0218	.0126	.0337	.0235	.0337	.0116	.0190	.0269	.0139
-.40000	.0099	.0212	.0220	.0072	.0454	.0152	.0157	.0094	.0195	.0231	.0252	.0226	-.0009	.0299	.0223

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0074	.0125	.0098	.0036	.0015	.0045	-.0815	.0077	.0064	.0082	.0092	-.0910	-.0064	.0000	-.0017
-1.20000	-.0815	.0125	.0158	.0015	.0091	.0155	-.0906	.0077	.0026	.0173	.0083	-.0950	.0064	.0017	.0053
-.40000	-.0880	.0119	.0132	-.0126	.0015	.0022	-.0919	.0056	-.0034	.0109	.0162	-.0829	-.0095	-.0084	.0013

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0056	-.0963	-.0944	.0043
-1.20000	-.0106	-.0917	-.0917	.0047
-.40000	-.0055	-.0967	-.0866	.0494

MACH (2) = .899 RN/L (1) = 5.868 P = 1788.0 PT = 3019.3 TTF = 104.02 Q = 1010.5

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0415	.0355	.0293	.0274	.0335	.0273	.0296	.0219	.0335	.0269	.0324	.0315	.0232	.0268	.0194
-1.20000	.0266	.0309	.0316	.0243	.0343	.0269	.0251	.0197	.0333	.0256	.0296	.0265	.0153	.0279	.0193
-.40000	.0294	.0255	.0304	.0152	.0562	.0177	.0195	.0125	.0322	.0234	.0230	.0240	.0161	.0282	.0204

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0213	.0186	.0179	.0121	.0142	.0155	.0209	.0116	.0090	.0158	.0181	.0115	.0090	.0081	.0037
-1.20000	.0146	.0147	.0148	.0131	.0159	.0144	.0233	.0141	.0083	.0130	.0158	.0074	.0077	.0093	.0005
-.40000	.0176	.0070	.0123	.0067	.0078	.0065	.0233	.0084	.0006	.0080	.0315	.0233	-.0016	.0048	-.0046

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW28)

MACH (2) = .899 RN/L (1) = 5.868

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0105	.0114	.0130	.0081
-1.20000	.0012	.0126	.0109	.0067
-.40000	-.0044	.0177	.0059	.0428

MACH (3) = 1.102 RN/L (1) = 5.957 P = 1323.3 PT = 2832.6 TTF = 93.783 Q = 1124.9

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0608	.0476	.0378	.0396	.0448	.0473	.0511	.0349	.0449	.0450	.0484	.0462	.0335	.0489	.0355
-1.20000	.0485	.0494	.0424	.0371	.0435	.0486	.0490	.0374	.0473	.0437	.0470	.0475	.0324	.0464	.0355
-.40000	.0506	.0551	.0344	.0309	.1809	.0378	.0431	.0219	.0462	.0436	.0478	.0439	.0260	.1220	.1485

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0059	.0109	.0162	.0111	.0102	.0074	.0122	.0059	.0044	.0064	.0136	-.0031	.0053	.0023	.0339
-1.20000	-.0076	.0078	.0137	.0111	.0051	.0034	.0083	.0028	.0027	.0033	.0106	-.0078	-.0059	.0011	.0237
-.40000	-.0061	.0027	.0084	.0056	.0043	.0047	.0076	.0001	-.0017	-.0017	.0129	.0148	-.0174	-.0105	.0200

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0237	-.0003	.0142	.0155
-1.20000	.0212	-.0024	-.0081	-.0135
-.40000	.0185	.0359	-.0250	.0503

MACH (4) = 1.249 RN/L (1) = 5.960 P = 1106.2 PT = 2862.3 TTF = 100.89 Q = 1208.3

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0436	.0386	.0341	.0269	.0359	.0313	.0339	.0251	.0308	.0324	.0344	.0331	.0218	.0295	.0269
-1.20000	.0365	.0331	.0327	.0282	.0366	.0280	.0285	.0234	.0306	.0289	.0351	.0323	.0204	.0316	.0280
-.40000	.0271	.0331	.0309	.0209	.0895	.0185	.0230	.0154	.0254	.0305	.0273	.0323	.0143	.0382	.0388

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0180	.0190	.0216	.0180	.0199	.0222	.0178	.0181	.0187	.0205	.0186	.0140	.0192	.0184	.0214
-1.20000	.0133	.0197	.0182	.0149	.0220	.0250	.0128	.0200	.0208	.0187	.0145	.0065	.0197	.0148	.0180

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW28)

MACH (4) = 1.249 RN/L (1) = 5.960

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0109	.0094	.0134	.0080	.0176	.0168	.0123	.0160	.0185	.0129	.0218	.0178	.0090	.0096	.0181

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0301	.0142	.0188	.0188
-1.20000	.0244	.0147	.0156	.0194
-.40000	.0226	.0230	.0081	.0593

OA-252 (P90+A) TILE WALL PRESS 90 DEG PANEL (R3TW29) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.415 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.101 RN/L (1) = 5.936 P = 1324.7 PT = 2831.9 TTF = 95.105 Q = 1124.0

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0584	.0511	.0434	.0407	.0467	.0469	.0494	.0374	.0431	.0444	.0485	.0455	.0321	.0483	.0383
-1.20000	.0496	.0478	.0392	.0461	.0489	.0476	.0501	.0359	.0454	.0435	.0480	.0457	.0310	.0481	.0379
-.40000	.0431	.0542	.0397	.0350	.1958	.0387	.0439	.0251	.0443	.0433	.0463	.0441	.0226	.1415	.1569

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0080	.0099	.0152	.0100	.0093	.0081	.0131	.0042	.0055	.0042	.0150	-.0017	.0047	.0042	.0349
-1.20000	-.0063	.0070	.0131	.0091	.0080	.0061	.0066	.0047	.0053	.0030	.0089	-.0062	-.0040	-.0033	.0266
-.40000	-.0083	.0038	.0095	.0026	.0048	.0029	.0056	.0044	.0025	.0000	.0121	.0139	-.0189	-.0111	.0235

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0400	.0031	.0166	.0188
-1.20000	.0310	.0004	-.0105	-.0060
-.40000	.0247	.0374	-.0118	.0786

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (R3TW30) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.003	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .597 RN/L (1) = 2.010 P = 948.45 PT = 1207.3 TTF = 72.315 Q = 236.94

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0442	.0353	.0365	.0353	.0472	.0264	.0466	.0279	.0288	.0222	.0460	.1045	.0291	.0148	.0442
-1.20000	.0294	.0341	.0377	.0323	.0478	.0282	.0376	.0255	.0288	-.0323	.0030	.0884	.0279	.0148	.0519
-.40000	.0258	.0306	.0282	.0252	.0639	.0228	.0352	.0154	.0318	-.0430	.0376	.1092	.0279	.0148	.0519

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0299	-.0161	.0104	.0220	.0600	.0311	.0376	.1241	.0480	.0462	.0214	.0305	.1061	.0202	.0315
-1.20000	.0281	-.0232	-.0413	.0214	.0493	.0252	.0364	.0764	-.0444	-.0053	.0202	.0234	.0954	.0154	.0380
-.40000	.0164	.0130	-.0252	.0160	.0219	.0228	.0429	.1884	.1227	-.0450	.0136	.0464	.0468	.0018	.0274

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0415	.0311	.1206	.0279
-1.20000	.0332	.0382	.0811	.0220
-.40000	.0344	.0317	.0729	.0095

MACH (2) = .900 RN/L (1) = 1.998 P = 568.65 PT = 961.89 TTF = 76.112 Q = 322.49

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0551	.0376	.0420	.0423	.0521	.0363	.0460	.0356	.0298	.0245	.0574	.1136	.0326	.0315	.0525
-1.20000	.0420	.0385	.0385	.0441	.0539	.0359	.0464	.0330	.0315	-.0187	.0183	.0816	.0317	.0315	.0547
-.40000	.0350	.0372	.0385	.0341	.0767	.0263	.0464	.0199	.0315	-.0200	.0486	.1022	.0291	.0298	.0682

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0326	-.0182	.0062	.0291	.0490	.0281	.0400	.1160	.0599	.0198	.0213	.0322	.0974	.0208	.0376
-1.20000	.0305	-.0278	-.0265	.0256	.0420	.0241	.0305	.0657	-.0238	-.0020	.0230	.0288	.0795	.0147	.0363
-.40000	.0253	-.0016	-.0195	.0143	.0228	.0202	.0288	.2178	.1318	-.0159	.0186	.0391	.0386	.0012	.0332

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (R3TW30)

MACH (2) = .900 RN/L (1) = 1.998

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0442	.0409	.0962	.0334
-1.20000	.0368	.0383	.0720	.0274
-.40000	.0285	.0305	.0616	.0230

MACH (3) = 1.255 RN/L (1) = 2.044 P = 350.81 PT = 915.21 TTF = 71.826 Q = 386.96

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0436	.0327	.0330	.0307	.0385	.0443	.0499	.0294	.0498	.0721	.0830	.0654	.0490	.0524	.0426
-1.20000	.0403	.0323	.0290	.0303	.0389	.0403	.0459	.0265	.0487	.0663	.0463	.0360	.0377	.0553	.0437
-.40000	.0348	.0290	.0286	.0249	.0610	.0276	.0338	.0181	.0436	.0769	.0683	.0282	.0305	.0491	.0372

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0554	.0259	.0141	.0341	.1190	.1460	.0882	.0404	.1029	.1174	.1105	.1236	.1852	.1469	.1428
-1.20000	.0424	.0077	.0094	.0181	.0997	.1398	.0677	.0317	.0282	.0690	.1120	.1106	.1739	.1407	.1399
-.40000	.0251	.0146	.0193	-.0008	.0946	.1383	.0684	.0349	.1214	.1590	.1458	.0926	.1553	.1371	.1323

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1404	.2030	.1796	.1407
-1.20000	.1429	.1929	.1759	.1589
-.40000	.1371	.2395	.1723	.2634

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (R3TW31) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .601 RN/L (1) = 4.600 P = 2176.3 PT = 2777.4 TTF = 75.973 Q = 549.74

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0482	.0372	.0423	.0324	.0429	.0354	.0278	.0375	.0454	.0094	.0421	.1247	.0426	.0358	.0599
-1.20000	.0318	.0382	.0365	.0324	.0436	.0365	.0354	.0244	.0462	-.0465	-.0152	.0812	.0467	.0324	.0546
-.40000	.0283	.0270	.0400	.0240	.0621	.0231	.0268	.0030	.0349	-.0659	.0403	.1002	.0155	.0417	.0734

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0852	-.0131	.0008	.0375	.0734	.0352	.0892	.1521	.0580	.0521	.0301	.1037	.1285	.0303	.0562
-1.20000	.0538	-.0362	-.0464	.0296	.0719	.0260	.0866	.0824	-.0520	-.0134	.0360	.0694	.0866	.0219	.0488
-.40000	.0516	-.0101	-.0342	.0214	.0161	.0311	.0857	.2582	.1356	-.0469	.0170	.1040	.0478	.0104	.0442

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0463	.1046	.1881	.0296
-1.20000	.0435	.1097	.1529	.0270
-.40000	.0422	.1306	.1443	.0385

MACH (2) = .799 RN/L (1) = 4.529 P = 1514.3 PT = 2305.0 TTF = 77.086 Q = 675.93

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0501	.0406	.0450	.0345	.0465	.0363	.0403	.0346	.0501	.0181	.0538	.1241	.0525	.0375	.0613
-1.20000	.0372	.0456	.0347	.0343	.0465	.0345	.0432	.0238	.0518	-.0241	-.0021	.0849	.0458	.0321	.0543
-.40000	.0248	.0415	.0437	.0281	.0700	.0332	.0299	.0183	.0439	-.0451	.0379	.0971	.0317	.0458	.0992

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0418	-.0099	.0106	.0363	.0774	.0391	.0524	.1464	.0677	.0413	.0363	.0623	.1134	.0315	.0683
-1.20000	.0150	-.0303	-.0356	.0350	.0675	.0287	.0385	.0614	-.0434	-.0058	.0406	.0418	.0864	.0153	.0523
-.40000	.0193	-.0189	-.0377	.0202	.0192	.0314	.0491	.2468	.1445	-.0380	.0338	.0582	.0480	.0121	.0515

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (R3TW31)

MACH (2) = .799 RN/L (1) = 4.529

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0573	.0689	.1399	.0408
-1.20000	.0579	.0666	.1030	.0284
-.40000	.0507	.0637	.1028	.0504

MACH (3) = .902 RN/L (1) = 4.506 P = 1322.6 PT = 2240.6 TTF = 89.922 Q = 752.42

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0570	.0492	.0466	.0359	.0478	.0441	.0446	.0454	.0436	.0225	.0446	.1007	.0425	.0375	.0592
-1.20000	.0387	.0469	.0477	.0365	.0478	.0406	.0489	.0365	.0434	-.0196	.0069	.0828	.0439	.0362	.0438
-.40000	.0309	.0395	.0424	.0315	.0757	.0357	.0332	.0238	.0488	-.0381	.0366	.0820	.0357	.0513	.0980

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0512	-.0222	.0043	.0300	.0654	.0293	.0579	.1291	.0675	.0300	.0352	.0639	.0994	.0268	.0479
-1.20000	.0429	-.0282	-.0338	.0307	.0576	.0250	.0467	.0598	-.0394	.0024	.0324	.0427	.0798	.0246	.0524
-.40000	.0373	-.0053	-.0338	.0193	.0082	.0161	.0449	.2469	.1197	-.0131	.0268	.0594	.0296	.0041	.0488

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0479	.0731	.1371	.0339
-1.20000	.0472	.0736	.1048	.0253
-.40000	.0490	.0829	.1019	.0279

MACH (4) = 1.048 RN/L (1) = 4.554 P = 1039.0 PT = 2081.5 TTF = 73.709 Q = 788.53

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.3104	.3007	.2870	.2935	.3095	.3081	.3164	.2924	.3081	.3141	.3324	.3873	.3243	.3145	.3314
-1.20000	.2959	.2982	.3028	.2956	.3090	.3063	.3139	.2753	.3090	.2661	.3019	.3586	.3181	.3103	.3310
-.40000	.2853	.2957	.2989	.2844	.3749	.2922	.3005	.2680	.3088	.2724	.3287	.3728	.3167	.3053	.3944

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.3122	.2844	.3051	.3232	.3634	.3331	.3287	.3824	.3301	.3261	.3188	.3597	.3941	.3147	.3653
-1.20000	.3037	.2784	.2688	.3174	.3587	.3416	.3628	.3487	.2840	.2865	.3223	.3462	.3890	.3121	.3630

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (R3TW31)

MACH (4) = 1.048 RN/L (1) = 4.554

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.2967	.2909	.2715	.3045	.3373	.3278	.3492	.4839	.3751	.2675	.3218	.3385	.3539	.3095	.3616

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.3734	.3644	.4063	.3442
-1.20000	.3750	.3614	.3821	.3357
-.40000	.3576	.3597	.3737	.4140

MACH (5) = 1.102 RN/L (1) = 4.585 P = 964.72 PT = 2063.8 TTF = 71.164 Q = 819.40

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0945	.0926	.0811	.0798	.0760	.0947	.1033	.0533	.1057	.1303	.1430	.2119	.1259	.1052	.1513
-1.20000	.0737	.0887	.0864	.0787	.0784	.0830	.0886	.0089	.1064	.0817	.1163	.1895	.1242	.1099	.1551
-.40000	.0658	.0775	.0739	.0489	.1897	.0410	.0477	-.0131	.1057	.0640	.1475	.1999	.1197	.1221	.2245

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1151	.1032	.1198	.1238	.1378	.1034	.1245	.2196	.1648	.1426	.1156	.1013	.1578	.0900	.1304
-1.20000	.1085	.0920	.0772	.1232	.1406	.1068	.1252	.1727	.0786	.1114	.1129	.0892	.1311	.0765	.0978
-.40000	.0996	.1068	.0881	.1153	.0848	.1001	.1757	.3195	.2655	.0726	.1252	.0693	.0731	.0609	.0856

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1285	.1204	.1791	.0859
-1.20000	.0990	.1015	.1416	.0775
-.40000	.0545	.0809	.1065	.0418

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (RTTW31)

MACH (6) = 1.251 RN/L (1) = 4.525 P = 800.63 PT = 2078.0 TTF = 82.195 Q = 877.71

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0368	.0348	.0323	.0283	.0367	.0426	.0430	.0359	.0525	.0409	.0772	.0738	.0412	.0414	.0466
-1.20000	.0280	.0346	.0317	.0287	.0362	.0346	.0378	.0293	.0493	.0180	.0409	.0731	.0416	.0428	.0480
-.40000	.0291	.0260	.0320	.0191	.0572	.0224	.0178	.0123	.0426	.0198	.0630	.0781	.0341	.0384	.0428

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0548	.0063	.0210	.0283	.1422	.1186	.1203	.1108	.0748	.0553	.0995	.1698	.2000	.1053	.1422
-1.20000	.0154	.0009	.0097	.0129	.1401	.1095	.1607	.0429	.0012	.0371	.0828	.1550	.1688	.1000	.1443
-.40000	.0160	.0066	.0040	-.0071	.1334	.1014	.1532	.1444	.1033	.0444	.1321	.1220	.1558	.1149	.1369

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1744	.1769	.2201	.1816
-1.20000	.1808	.1833	.2179	.2406
-.40000	.1595	.2527	.2130	.3544

MACH (7) = 1.392 RN/L (1) = 4.576 P = 673.32 PT = 2117.6 TTF = 80.111 Q = 912.70

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0359	.0295	.0252	.0199	.0298	.0400	.0270	.0235	.0461	.0511	.0465	.0308	.0284	.0395	.0228
-1.20000	.0274	.0271	.0252	.0180	.0287	.0339	.0208	.0189	.0453	.0447	.0049	-.0029	.0294	.0398	.0208
-.40000	.0136	.0246	.0221	.0157	.0401	.0161	.0043	.0112	.0431	.0584	.0329	-.0220	.0244	.0378	.0154

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0329	-.0104	-.0243	.0220	.0718	.1053	.0388	.0331	.0854	.0928	.0820	.0152	.1537	.0890	.1471
-1.20000	.0330	-.0302	-.0300	.0127	.0381	.0846	.0373	-.0088	-.0081	.0601	.0596	-.0134	.1413	.0220	.1439
-.40000	.0261	-.0203	-.0163	-.0079	.0291	.0565	.0321	.0023	.0994	.1789	.0720	-.0209	.1076	-.0037	.1361

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1583	.1601	.1633	.1791
-1.20000	.1531	.1449	.1449	.1387
-.40000	.1460	.1796	.1493	.1923

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (R3TW32) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.401 RN/L (1) = 4.561 P = 664.13 PT = 2117.6 TTF = 81.709 Q = 912.93

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0295	.0275	.0281	.0238	.0324	.0264	.0321	.0300	.0338	.0232	.0489	.0620	.0294	.0238	.0318
-1.20000	.0207	.0275	.0275	.0238	.0321	.0233	.0251	.0245	.0326	-.0036	.0198	.0527	.0263	.0268	.0304
-.40000	.0144	.0249	.0278	.0183	.0505	.0125	.0082	.0125	.0314	-.0107	.0439	.0597	.0245	.0268	.0275

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0334	-.0238	-.0047	.0260	.0955	.0769	.0416	.0901	.0683	.0535	.0353	.0661	.1509	.0022	.1564
-1.20000	.0275	-.0268	-.0233	.0230	.0778	.0506	.0437	.0269	-.0182	.0097	.0393	.0106	.1447	-.0239	.1527
-.40000	.0146	-.0201	-.0181	.0105	.0479	.0429	.0435	.1810	.1028	.0225	.0317	.0244	.1065	-.0325	.1391

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1622	.1603	.1632	.1723
-1.20000	.1569	.1310	.1434	.1369
-.40000	.1552	.1617	.1428	.2041

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (R3TW33) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 6.050 P = 2869.4 PT = 3660.1 TTF = 76.530 Q = 723.21

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0365	.0369	.0342	.0247	.0359	.0349	.0275	.0406	.0392	.0070	.0199	.1036	.0388	.0279	.0511
-1.20000	.0332	.0390	.0380	.0251	.0374	.0334	.0353	.0295	.0392	-.0424	-.0286	.0790	.0328	.0263	.0429
-.40000	.0124	.0303	.0342	.0140	.0498	.0238	.0224	.0008	.0295	-.0591	.0189	.0987	.0112	.0343	.0824

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0770	-.0259	-.0013	.0262	.0793	.0214	.0937	.1377	.0439	.0406	.0293	.0937	.1219	.0207	.0503
-1.20000	.0491	-.0512	-.0445	.0387	.0641	.0216	.0645	.0662	-.0645	-.0133	.0381	.0768	.0982	.0172	.0404
-.40000	.0483	-.0095	-.0542	.0116	-.0054	.0161	.0753	.2408	.1417	-.0684	.0271	.1196	.0309	.0016	.0493

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0408	.1203	.1918	.0264
-1.20000	.0309	.1023	.1593	.0176
-.40000	.0274	.2045	.1526	.0211

MACH (2) = .900 RN/L (1) = 5.937 P = 1757.6 PT = 2973.4 TTF = 92.688 Q = 997.02

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0554	.0468	.0469	.0351	.0460	.0407	.0484	.0427	.0506	.0280	.0474	.0919	.0529	.0387	.0581
-1.20000	.0348	.0400	.0492	.0303	.0440	.0397	.0468	.0331	.0449	-.0189	.0034	.0972	.0397	.0394	.0522
-.40000	.0337	.0356	.0440	.0244	.0678	.0307	.0356	.0187	.0380	-.0419	.0387	.0897	.0218	.0514	.0973

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1030	-.0176	.0088	.0348	.0728	.0411	.1001	.1386	.0651	.0416	.0355	.1134	.1140	.0275	.0597
-1.20000	.0746	-.0327	-.0299	.0279	.0683	.0300	.0840	.0726	-.0398	.0069	.0275	.0872	.0883	.0154	.0552
-.40000	.0738	-.0107	-.0321	.0240	.0095	.0199	.0909	.2642	.1372	-.0286	.0258	.1231	.0318	.0019	.0531

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (R3TW33)

MACH (2) = .900 RN/L (1) = 5.937

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0474	.1168	.1792	.0356
-1.20000	.0454	.1192	.1528	.0161
-.40000	.0381	.1780	.1486	.0325

MACH (3) = 1.254 RN/L (1) = 5.986 P = 1063.7 PT = 2769.0 TTF = 85.178 Q = 1170.3

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0374	.0266	.0288	.0294	.0363	.0396	.0389	.0367	.0443	.0330	.0666	.0678	.0350	.0331	.0370
-1.20000	.0276	.0312	.0348	.0232	.0337	.0268	.0391	.0254	.0434	.0112	.0339	.0644	.0350	.0354	.0373
-.40000	.0251	.0309	.0336	.0124	.0463	.0206	.0170	.0139	.0367	.0131	.0571	.0730	.0247	.0325	.0334

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0280	-.0115	.0055	.0307	.1358	.1088	.0901	.1038	.0621	.0418	.0738	.1502	.1946	.0872	.1410
-1.20000	.0257	-.0156	-.0051	.0151	.1235	.0919	.1098	.0357	-.0076	.0238	.0626	.1320	.1808	.0934	.1471
-.40000	-.0033	-.0021	-.0058	-.0066	.1132	.0795	.1080	.1695	.1113	.0410	.1382	.0930	.1507	.1023	.1392

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1699	.1456	.1918	.1905
-1.20000	.1745	.1612	.1821	.2309
-.40000	.1493	.2298	.1900	.3574

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (R3TW34) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.395 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .597 RN/L (1) = 2.007 P = 951.28 PT = 1210.8 TTF = 74.127 Q = 237.59

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0464	.0275	.0328	.0347	.0463	.0227	.0296	.0265	.0085	-.0044	.0183	.1398	.0040	.0024	.0293
-1.20000	.0334	.0334	.0263	.0329	.0445	.0203	.0350	.0224	.0073	-.0678	-.0210	.0874	.0046	.0184	.0352
-.40000	.0263	.0227	.0269	.0323	.0683	.0037	.0207	.0029	.0168	-.0938	.0219	.0820	.0117	.0172	.0530

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0154	-.0527	-.0292	-.0048	.0184	-.0239	.0113	.1249	.0329	.0098	-.0155	-.0246	.0702	-.0356	-.0335
-1.20000	.0048	-.0659	-.0782	-.0060	.0143	-.0132	.0113	.0590	-.0837	-.0280	-.0090	-.0358	.0483	-.0457	-.0276
-.40000	-.0052	-.0438	-.0711	-.0119	-.0391	-.0174	.0054	.2768	.1370	-.0878	-.0196	.0083	-.0144	-.0540	-.0423

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	-.0310	-.0169	.0854	-.0439
-1.20000	-.0316	-.0252	.0360	-.0380
-.40000	-.0464	-.0228	.0230	-.0380

MACH (2) = .899 RN/L (1) = 2.014 P = 577.84 PT = 976.74 TTF = 79.069 Q = 327.23

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0642	.0492	.0492	.0517	.0631	.0453	.0670	.0465	.0419	.0294	.0687	.0995	.0431	.0376	.0630
-1.20000	.0505	.0505	.0492	.0508	.0644	.0419	.0614	.0401	.0406	-.0187	.0255	.0843	.0401	.0367	.0630
-.40000	.0474	.0487	.0419	.0439	.0977	.0350	.0527	.0289	.0380	-.0326	.0609	.0930	.0336	.0466	.0660

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0345	-.0346	-.0101	.0263	.0483	.0200	.0328	.1289	.1023	.0306	.0209	.0243	.0899	.0118	.0171
-1.20000	.0324	-.0354	-.0446	.0229	.0333	.0148	.0294	.0470	-.0230	.0002	.0190	.0073	.0723	.0036	.0168
-.40000	.0239	-.0316	-.0411	.0156	-.0019	.0131	.0303	.2575	.1513	.0173	.0173	.0371	.0268	-.0037	.0158

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (R3TW34)

MACH (2) = .899 RN/L (1) = 2.014

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0225	.0299	.1044	.0148
-1.20000	.0203	.0277	.0686	.0092
-.40000	.0165	.0230	.0486	.0002

MACH (3) = 1.248 RN/L (1) = 2.016 P = 354.34 PT = 915.91 TTF = 77.886 Q = 386.56

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0527	.0418	.0374	.0409	.0477	.0484	.0548	.0317	.0571	.0809	.0927	.0625	.0568	.0562	.0509
-1.20000	.0454	.0381	.0400	.0340	.0452	.0440	.0525	.0291	.0509	.0820	.0500	.0385	.0488	.0584	.0487
-.40000	.0381	.0425	.0367	.0311	.0673	.0272	.0367	.0182	.0480	.0977	.0813	.0378	.0401	.0496	.0428

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0551	.0239	.0070	.0390	.1430	.1939	.0949	.0662	.1288	.1416	.1509	.1339	.2503	.1852	.1882
-1.20000	.0255	.0034	.0048	.0197	.1137	.1910	.0869	.0383	.0209	.0818	.1396	.1303	.2310	.1873	.1853
-.40000	.0226	.0056	.0179	-.0168	.1093	.1936	.0587	.0535	.1278	.1931	.1946	.1057	.1868	.1808	.1737

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1865	.2612	.2352	.1870
-1.20000	.1858	.2572	.2352	.2161
-.40000	.1752	.3422	.2323	.3492

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (R3TW35) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.399 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 4.527 P = 2167.8 PT = 2765.4 TTF = 80.632 Q = 546.59

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0472	.0487	.0395	.0321	.0471	.0201	.0293	.0344	.0261	.0008	.0249	.1104	.0285	.0189	.0418
-1.20000	.0227	.0307	.0480	.0311	.0460	.0196	.0270	.0336	.0204	-.0812	-.0481	.0882	.0195	.0119	.0477
-.40000	.0204	.0338	.0366	.0267	.0769	.0039	.0139	.0017	.0322	-.1146	.0072	.0826	.0197	.0379	.0441

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0232	-.0496	-.0210	.0009	.0505	-.0046	.0245	.1340	.0459	.0112	.0138	-.0026	.0831	-.0243	.0068
-1.20000	.0145	-.0718	-.0918	.0002	.0397	-.0210	.0148	.0759	-.1038	-.0388	-.0016	-.0225	.0456	-.0225	-.0085
-.40000	.0029	-.0589	-.0959	-.0086	-.0414	-.0236	.0094	.2905	.1381	-.1032	.0071	.0324	-.0131	-.0348	-.0193

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	-.0232	.0025	.1190	-.0245
-1.20000	-.0270	-.0085	.0516	-.0266
-.40000	-.0316	-.0001	.0574	-.0297

MACH (2) = .800 RN/L (1) = 4.443 P = 1511.4 PT = 2303.6 TTF = 85.178 Q = 676.81

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0579	.0463	.0531	.0371	.0562	.0443	.0405	.0517	.0406	.0136	.0450	.0965	.0463	.0373	.0637
-1.20000	.0373	.0426	.0426	.0371	.0511	.0381	.0379	.0401	.0385	-.0492	-.0130	.0842	.0357	.0305	.0558
-.40000	.0340	.0443	.0496	.0259	.0763	.0243	.0319	.0197	.0406	-.0685	.0426	.0940	.0239	.0407	.0635

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0419	-.0492	-.0243	.0251	.0621	.0111	.0334	.1621	.0856	.0225	.0234	.0388	.1151	.0112	.0306
-1.20000	.0314	-.0690	-.0691	.0234	.0515	.0090	.0214	.0621	-.0654	-.0145	.0193	.0314	.0815	-.0015	.0281
-.40000	.0276	-.0484	-.0770	.0164	-.0074	.0021	.0268	.2816	.1341	-.0530	.0245	.0417	.0148	-.0024	.0242

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (R3TW35)

MACH (2) = .800 RN/L (1) = 4.443

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0073	.0357	.1271	.0026
-1.20000	.0090	.0407	.0938	.0006
-.40000	.0023	.0533	.0913	-.0057

MACH (3) = .900 RN/L (1) = 4.430 P = 1344.5 PT = 2273.9 TTF = 103.23 Q = 762.21

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0681	.0525	.0546	.0504	.0617	.0503	.0593	.0534	.0523	.0338	.0545	.0987	.0527	.0489	.0683
-1.20000	.0450	.0520	.0544	.0443	.0590	.0462	.0560	.0464	.0522	-.0212	.0136	.0862	.0508	.0483	.0477
-.40000	.0429	.0465	.0501	.0344	.0923	.0374	.0429	.0294	.0488	-.0439	.0601	.0884	.0313	.0714	.0925

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0649	-.0478	-.0135	.0313	.0683	.0287	.0575	.1450	.1107	.0297	.0302	.0494	.1015	.0267	.0399
-1.20000	.0514	-.0496	-.0485	.0306	.0513	.0193	.0526	.0457	-.0354	-.0070	.0287	.0284	.0766	.0189	.0371
-.40000	.0514	-.0378	-.0457	.0226	-.0093	.0158	.0533	.2865	.1609	.0040	.0287	.0683	.0225	.0062	.0323

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0306	.0622	.1421	.0239
-1.20000	.0258	.0650	.1036	.0165
-.40000	.0238	.1021	.0817	.0097

MACH (4) = 1.048 RN/L (1) = 4.474 P = 1037.6 PT = 2080.1 TTF = 80.702 Q = 798.31

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1512	.1401	.1380	.1472	.1326	.1781	.1657	.1423	.1738	.1844	.2009	.2666	.1923	.1802	.1976
-1.20000	.1537	.1431	.1427	.1137	.1393	.1556	.1407	.1157	.1724	.1259	.1687	.2599	.1796	.1765	.1828
-.40000	.1472	.1286	.1449	.0767	.1740	.1403	.1281	.1103	.1678	.1049	.2030	.2287	.1508	.2611	.4420

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1560	.1237	.1418	.1515	.1429	.1029	.1483	.2955	.2289	.2088	.1342	.0596	.1170	.0312	.0761
-1.20000	.1558	.1151	.1036	.1518	.1373	.0987	.1523	.2025	.1084	.1413	.1331	.0477	.0725	.0212	.0493

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (R3TW35)

MACH (4) = 1.048 RN/L (1) = 4.474

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.1498	.1311	.1062	.1432	.0565	.0941	.1488	.4356	.3144	.0964	.1809	.1439	-.0064	.0009	.0181

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0702	.0818	.1715	.0529
-1.20000	.0258	.0599	.0975	.0391
-.40000	-.0222	.0237	.0388	-.0137

MACH (5) = 1.100 RN/L (1) = 4.521 P = 966.13 PT = 2062.4 TTF = 76.460 Q = 818.01

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1077	.1060	.0913	.0946	.0921	.1146	.1192	.0778	.1315	.1696	.1938	.2874	.1541	.1362	.1815
-1.20000	.1018	.1092	.0970	.0950	.0904	.0996	.1070	.0314	.1241	.0963	.1507	.2557	.1410	.1358	.1860
-.40000	.0953	.1067	.0962	.0792	.2914	.0584	.0627	-.0068	.1160	.0757	.1978	.2495	.1311	.1473	.2400

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1288	.1310	.1490	.1503	.1826	.1155	.1525	.3127	.2325	.1960	.1317	.0497	.1377	.0314	.0499
-1.20000	.1289	.1141	.0838	.1448	.1761	.1265	.1899	.2037	.1090	.1428	.1359	.0397	.1162	.0302	.0316
-.40000	.1132	.1308	.0976	.1359	.0828	.1079	.2907	.4699	.3388	.0746	.2520	.0929	.0353	.0207	.0086

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	-.0023	.0859	.1931	.0448
-1.20000	-.0269	.0533	.1028	.0293
-.40000	-.0278	.0338	.0618	.0090

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (R3TW35)

MACH (6) = 1.252 RN/L (1) = 4.483 P = 811.24 PT = 2107.0 TTF = 91.755 Q = 890.08

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0564	.0441	.0437	.0468	.0543	.0553	.0572	.0474	.0706	.0525	.1041	.1088	.0611	.0562	.0652
-1.20000	.0412	.0469	.0545	.0438	.0522	.0501	.0505	.0393	.0619	.0230	.0548	.0983	.0554	.0556	.0591
-.40000	.0415	.0455	.0396	.0309	.1101	.0289	.0255	.0167	.0619	.0433	.0804	.1050	.0509	.0480	.0584

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0558	.0061	.0263	.0483	.1785	.1551	.1235	.1468	.1055	.0842	.1125	.1788	.2563	.1456	.1762
-1.20000	.0328	-.0057	.0055	.0268	.1760	.1478	.0913	.0538	.0035	.0446	.1005	.1648	.2350	.1580	.1855
-.40000	.0388	.0116	.0040	-.0049	.1649	.1346	.1030	.1873	.1062	.0822	.1701	.1245	.1775	.1415	.1806

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2142	.2213	.2559	.2158
-1.20000	.2192	.2257	.2493	.2859
-.40000	.2153	.2752	.2436	.4164

MACH (7) = 1.396 RN/L (1) = 4.451 P = 675.44 PT = 2137.4 TTF = 95.001 Q = 921.36

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0391	.0284	.0300	.0231	.0321	.0274	.0398	.0245	.0340	.0211	.0580	.0642	.0321	.0300	.0380
-1.20000	.0235	.0304	.0252	.0206	.0317	.0232	.0363	.0213	.0389	-.0049	.0195	.0522	.0336	.0302	.0365
-.40000	.0201	.0299	.0230	.0145	.0634	.0146	.0214	.0052	.0330	.0035	.0457	.0657	.0284	.0302	.0356

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0388	-.0271	-.0085	.0310	.1108	.0999	.0501	.0927	.0651	.0714	.0558	.0355	.1947	.0135	.1717
-1.20000	.0282	-.0365	-.0293	.0219	.0901	.0686	.0434	.0170	-.0235	.0066	.0549	-.0086	.1913	-.0279	.1439
-.40000	.0102	-.0233	-.0232	.0045	.0522	.0589	.0455	.1640	.0948	.0636	.0654	.0545	.1696	-.0333	.1552

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1719	.2040	.1959	.2113
-1.20000	.1602	.1778	.1905	.1915
-.40000	.1600	.2180	.2024	.2728

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (R3TW36) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.339 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .601 RN/L (1) = 6.112 P = 2947.9 PT = 3764.1 TTF = 84.624 Q = 746.22

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0367	.0347	.0415	.0233	.0414	.0188	.0218	.0347	.0281	-.0015	.0206	.1122	.0311	.0219	.0443
-1.20000	.0233	.0300	.0366	.0190	.0391	.0169	.0244	.0300	.0237	-.0706	-.0536	.0734	.0232	.0050	.0421
-.40000	.0165	.0283	.0349	.0085	.0444	.0094	.0114	.0014	.0281	-.1041	.0054	.0877	.0053	.0221	.0511

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0416	-.0698	-.0250	-.0028	.0506	-.0090	.0318	.1600	.0504	.0276	-.0022	.0157	.0983	-.0252	-.0081
-1.20000	.0242	-.0833	-.0899	.0034	.0318	-.0169	.0266	.0478	-.1065	-.0360	-.0015	-.0145	.0504	-.0250	-.0101
-.40000	.0332	-.0592	-.0818	-.0097	-.0492	-.0278	.0170	.3368	.1445	-.0925	.0066	.0606	-.0177	-.0340	-.0141

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	-.0311	.0287	.1447	-.0322
-1.20000	-.0262	.0217	.0828	-.0323
-.40000	-.0439	.0688	.0826	-.0359

MACH (2) = .893 RN/L (1) = 5.969 P = 1846.7 PT = 3100.0 TTF = 107.08 Q = 1030.9

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0680	.0527	.0582	.0440	.0609	.0473	.0629	.0539	.0496	.0380	.0519	.1022	.0472	.0525	.0655
-1.20000	.0402	.0518	.0549	.0432	.0578	.0444	.0586	.0420	.0517	-.0192	.0142	.0909	.0453	.0492	.0484
-.40000	.0380	.0507	.0549	.0338	.0951	.0344	.0400	.0305	.0497	-.0432	.0612	.0999	.0296	.0870	.0905

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0638	-.0401	-.0068	.0333	.0816	.0366	.0508	.1442	.0983	.0328	.0326	.0508	.1037	.0281	.0477
-1.20000	.0465	-.0539	-.0528	.0290	.0586	.0242	.0480	.0500	-.0359	-.0041	.0305	.0273	.0844	.0211	.0402
-.40000	.0425	-.0421	-.0493	.0195	-.0027	.0235	.0433	.2760	.1473	.0134	.0327	.0710	.0307	.0075	.0401

OA-252 (P90+S) TILE WALL PRESS 90 DEG PANEL (R3TW36)

MACH (2) = .893 RN/L (1) = 5.969

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0378	.0571	.1321	.0260
-1.20000	.0341	.0592	.0953	.0125
-.40000	.0329	.1002	.0849	.0164

MACH (3) = 1.254 RN/L (1) = 5.947 P = 1089.2 PT = 2835.4 TTF = 97.795 Q = 1198.4

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0558	.0556	.0522	.0501	.0595	.0593	.0637	.0553	.0731	.0540	.1096	.1080	.0638	.0594	.0657
-1.20000	.0456	.0541	.0527	.0438	.0557	.0522	.0557	.0475	.0678	.0229	.0571	.1006	.0622	.0561	.0599
-.40000	.0435	.0541	.0522	.0364	.1251	.0354	.0333	.0256	.0664	.0446	.0872	.1118	.0600	.0553	.0591

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0567	.0075	.0259	.0534	.1777	.1578	.1323	.1495	.1062	.0864	.1392	.1976	.2592	.1542	.1896
-1.20000	.0139	-.0033	-.0002	.0303	.1722	.1402	.1467	.0519	.0028	.0433	.1052	.1650	.2394	.1478	.1976
-.40000	.0071	.0111	.0028	-.0010	.1667	.1393	.1218	.1926	.1136	.0900	.1944	.1377	.1800	.1600	.1897

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2239	.2162	.2605	.2282
-1.20000	.2343	.2314	.2616	.2981
-.40000	.2267	.3101	.2589	.4578

OA-252 (P90+A+S) TILE WALL PRESS 90 DEG PANEL (R3TW37) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .901 RN/L (1) = 1.996 P = 560.16 PT = 948.45 TTF = 70.850 Q = 318.31

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0477	.0350	.0302	.0331	.0466	.0412	.0470	.0287	.0311	.0384	.0540	.0509	.0256	.0294	.0327
-1.20000	.0438	.0355	.0311	.0305	.0431	.0390	.0448	.0278	.0315	.0384	.0505	.0505	.0234	.0272	.0296
-.40000	.0329	.0337	.0285	.0327	.0714	.0315	.0322	.0216	.0315	.0256	.0453	.0518	.0216	.0338	.0375

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0190	.0184	.0260	.0176	.0206	.0265	.0287	.0142	.0119	.0141	.0181	.0151	.0150	.0145	.0309
-1.20000	.0225	.0187	.0260	.0238	.0206	.0260	.0247	.0094	.0088	.0150	.0145	.0208	.0110	.0163	.0331
-.40000	.0168	.0095	.0150	.0106	.0091	.0185	.0147	.0111	.0132	.0043	.0181	.0190	-.0023	.0075	.0217

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0358	.0291	.0247	.0216
-1.20000	.0322	.0190	.0155	.0172
-.40000	.0375	.0519	.0287	.0410

MACH (2) = 1.253 RN/L (1) = 2.041 P = 343.03 PT = 892.57 TTF = 62.530 Q = 377.20

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0421	.0295	.0339	.0280	.0369	.0417	.0520	.0310	.0597	.1763	.0923	.0753	.2069	.0643	.0764
-1.20000	.0359	.0292	.0284	.0310	.0417	.0362	.0480	.0257	.0885	.1390	.0930	.0853	.1062	.0702	.0791
-.40000	.0299	.0303	.0266	.0302	.0650	.0207	.0339	.0071	.0553	.0705	.0927	.0864	.0414	.0911	.0880

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1309	.1511	.1745	.1524	.3335	.3373	.2607	.2554	.2649	.2765	.2627	.2877	.2851	.3086	.3561
-1.20000	.1083	.1381	.1734	.1092	.2887	.2991	.2488	.2687	.2712	.2754	.2590	.2917	.2750	.2866	.3542
-.40000	.0788	.1396	.1629	.1113	.2776	.2797	.2684	.2702	.2739	.2686	.2717	.3176	.2776	.2891	.3535

OA-252 (P90+A+S) TILE WALL PRESS 90 DEG PANEL (R3TW37)

MACH (2) = 1.253 RN/L (1) = 2.041

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.3748	.3472	.3523	.3477
-1.20000	.3725	.3376	.3398	.3499
-.40000	.3666	.3431	.3605	.3634

OA-252 (P90+A+S) TILE WALL PRESS 90 DEG PANEL (R3TW38) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .897 RN/L (1) = 4.487 P = 1302.8 PT = 2196.8 TTF = 82.577 Q = 734.07

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0524	.0440	.0368	.0341	.0424	.0351	.0431	.0307	.0389	.0422	.0552	.0431	.0330	.0437	.0368
-1.20000	.0315	.0391	.0332	.0328	.0422	.0391	.0460	.0325	.0357	.0466	.0463	.0450	.0258	.0412	.0289
-.40000	.0312	.0374	.0353	.0217	.0766	.0211	.0307	.0187	.0315	.0332	.0375	.0430	.0191	.0450	.0241

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0 00	30.0000
Z															
-2.00000	.0206	.0209	.0274	.0248	.0221	.0360	.0242	.0262	.0254	.0217	.0273	.0213	.0223	.0269	.0378
-1.20000	.0196	.0284	.0360	.0202	.0203	.0322	.0158	.0205	.0166	.0297	.0267	.0160	.0169	.0235	.0407
-.40000	.0177	.0249	.0282	.0179	.0169	.0251	.0188	.0113	.0084	.0227	.0261	.0232	.0089	.0225	.0374

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0368	.0247	.0158	.0305
-1.20000	.0360	.0054	.0082	.0217
-.40000	.0360	.0217	.0015	.0566

MACH (2) = 1.051 RN/L (1) = 4.478 P = 1010.0 PT = 2030.6 TTF = 70.745 Q = 780.60

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0835	.0653	.0628	.0525	.0623	.0844	.0712	.0439	.1114	.1368	.1373	.1554	.1292	.1102	.1064
-1.20000	.0696	.0637	.0603	.0507	.0549	.0658	.0556	.0269	.1048	.1292	.1284	.1447	.1258	.1073	.1154
-.40000	.0646	.0587	.0525	.0441	.1053	.0425	.0448	.0193	.1034	.1209	.1319	.1380	.1006	.1692	.2546

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1169	.1227	.1259	.1269	.1501	.1591	.1177	.1197	.1192	.1220	.1217	.0728	.0517	.0691	.2627
-1.20000	.1057	.1180	.1281	.1231	.1227	.1237	.1223	.1220	.1116	.1264	.1292	.0596	.0098	.0398	.2508
-.40000	.0919	.1167	.1255	.1166	.1084	.1237	.1273	.1213	.1134	.1215	.1220	.1193	.0306	.0310	.2299

OA-252 (P90+A+S) TILE WALL PRESS 90 DEG PANEL (R3TW38)

MACH (2) = 1.051 RN/L (1) = 4.478

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2628	.2259	.2213	.2156
-1.20000	.2520	.1956	.2009	.1962
-.40000	.2167	.2713	.2215	.2953

MACH (3) = 1.100 RN/L (1) = 4.582 P = 974.62 PT = 2080.8 TTF = 74.580 Q = 825.36

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0986	.0864	.0694	.0631	.0682	.1013	.0840	.0617	.1063	.1218	.1248	.1348	.1087	.1101	.1138
-1.20000	.0746	.0851	.0711	.0800	.0751	.0815	.0727	.0390	.1038	.1288	.1265	.1333	.1072	.1121	.1186
-.40000	.0637	.0753	.0579	.0572	.2327	.0438	.0390	.0019	.0964	.1169	.1187	.1307	.1066	.1185	.1610

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1067	.1190	.1324	.1201	.1544	.1465	.1397	.1432	.1404	.1509	.1356	.1296	.1351	.1421	.2068
-1.20000	.1066	.1241	.1356	.1087	.1462	.1576	.1769	.1477	.1477	.1450	.1327	.0968	.0980	.1094	.1874
-.40000	.0981	.1156	.1298	.1031	.1454	.1489	.1992	.1321	.1428	.1254	.2332	.1132	.0405	.0632	.1855

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2473	.1909	.1674	.1800
-1.20000	.1630	.1701	.1499	.1591
-.40000	.1531	.2117	.1357	.1839

MACH (4) = 1.252 RN/L (1) = 4.511 P = 794.26 PT = 2062.4 TTF = 80.354 Q = 871.22

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0484	.0350	.0360	.0228	.0320	.0430	.0452	.0278	.0839	.2658	.0912	.0759	.2490	.0807	.0829
-1.20000	.0384	.0371	.0333	.0268	.0355	.0323	.0322	.0137	.0950	.1279	.0896	.0759	.1086	.0701	.0780
-.40000	.0323	.0302	.0328	.0142	.0625	-.0074	.0059	-.0111	.0564	.0613	.0969	.0861	.0466	.1007	.1116

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1537	.1619	.1885	.1548	.3645	.3614	.3030	.3042	.3011	.3005	.3055	.3334	.3118	.3126	.4004
-1.20000	.1073	.1796	.1783	.1277	.3220	.3114	.3148	.2990	.2803	.3160	.2981	.3238	.3100	.3081	.4124

OA-252 (P90+A+S) TILE WALL PRESS 90 DEG PANEL (R3TW38)

MACH (4) = 1.252 RN/L (1) = 4.511

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0721	.1429	.1791	.1580	.2941	.3112	.3430	.2952	.2947	.3032	.2894	.3196	.3028	.3071	.3922

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.4257	.3886	.4220	.3899
-1.20000	.4236	.4000	.4146	.4021
-.40000	.4096	.4115	.4231	.4537

MACH (5) = 1.403 RN/L (1) = 4.471 P = 657.76 PT = 2103.4 TTF = 86.045 Q = 906.86

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0313	.0172	.0181	.0116	.0176	.0247	.0196	.0145	.0241	.0262	.0304	.0310	.0127	.0253	.0193
-1.20000	.0126	.0195	.0155	.0096	.0196	.0209	.0171	.0121	.0224	.0293	.0336	.0260	.0127	.0254	.0163
-.40000	.0074	.0132	.0163	.0068	.0501	.0089	.0103	.0023	.0220	.0251	.0243	.0229	.0117	.0241	.0182

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0296	.0258	.0269	.0167	.1188	.1126	.0512	.0599	.0425	.0515	.0529	.0220	-.0075	-.0042	.2369
-1.20000	.0117	.0191	.0200	.0063	.0635	.0642	.0375	.0459	.0190	.0495	.0529	-.0172	-.0045	-.0289	.2000
-.40000	.0179	.0089	.0020	-.0089	.0321	.0469	.0304	.0357	.0152	.0535	.0371	.0403	-.0100	-.0359	.2149

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2021	.2144	.2429	.1955
-1.20000	.2035	.2056	.1642	.1774
-.40000	.2142	.2368	.1860	.2416

OA-252 (P90+A+S) TILE WALL PRESS 90 DEG PANEL (R3TW39) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .900 RN/L (1) = 6.007 P = 1769.6 PT = 2993.2 TTF = 90.476 Q = 1003.5

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0473	.0365	.0494	.0332	.0480	.0365	.0474	.0290	.0397	.0428	.0442	.0508	.0307	.0437	.0379
-1.20000	.0320	.0353	.0399	.0351	.0474	.0363	.0393	.0299	.0369	.0386	.0497	.0395	.0278	.0439	.0351
-.40000	.0335	.0387	.0376	.0262	.0730	.0297	.0340	.0264	.0346	.0390	.0367	.0456	.0206	.0562	.0371

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0364	.0297	.0346	.0196	.0200	.0226	.0252	.0228	.0214	.0299	.0271	.0172	.0121	.0405	.0408
-1.20000	.0228	.0298	.0282	.0264	.0213	.0340	.0357	.0233	.0251	.0248	.0188	.0203	.0149	.0271	.0361
-.40000	.0222	.0266	.0314	.0206	.0235	.0277	.0272	.0208	.0189	.0237	.0294	.0319	.0118	.0206	.0367

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0466	.0155	.0206	.0329
-1.20000	.0332	.0062	.0062	.0335
-.40000	.0362	.0293	.0111	.0526

MACH (2) = 1.252 RN/L (1) = 6.126 P = 1096.3 PT = 2847.5 TTF = 87.153 Q = 1202.9

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0451	.0368	.0333	.0243	.0308	.0386	.0329	.0203	.1155	.2026	.0881	.0734	.2515	.1020	.0906
-1.20000	.0335	.0341	.0324	.0240	.0314	.0238	.0244	.0020	.0946	.1240	.0870	.0784	.1110	.0942	.0878
-.40000	.0357	.0275	.0301	.0085	.0756	-.0250	.0011	-.0358	.0578	.0799	.0932	.0750	.0568	.0954	.1220

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1665	.1697	.1806	.1531	.3699	.3808	.3339	.3305	.3204	.3201	.3349	.3597	.3347	.3235	.4137
-1.20000	.1320	.1589	.1714	.1467	.3173	.3208	.3833	.3139	.3087	.3146	.3106	.3354	.3068	.3177	.4194
-.40000	.1752	.1335	.1777	.1364	.3184	.3334	.3501	.3211	.3059	.3142	.3159	.3471	.3125	.3178	.4110

OA-252 (P90+A+S) TILE WALL PRESS 90 DEG PANEL (R3TW39)

MACH (2) = 1.252 RN/L (1) = 6.126

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.4371	.4434	.4450	.4119
-1.20000	.4245	.4415	.4401	.4284
-.40000	.4216	.4582	.4552	.4829

OA-252 (P90+A+S) TILE WALL PRESS 90 DEG PANEL (R3TW40) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.413 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .694 RN/L (1) = 1.968 P = 565.11 PT = 949.86 TTF = 76.182 Q = 316.33

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0630	.0454	.0436	.0460	.0592	.0463	.0588	.0329	.0366	.0478	.0645	.0610	.0263	.0404	.0417
-1.20000	.0480	.0441	.0432	.0451	.0575	.0445	.0566	.0298	.0353	.0451	.0627	.0610	.0250	.0395	.0373
-.40000	.0445	.0441	.0375	.0398	.0943	.0344	.0487	.0250	.0349	.0367	.0584	.0584	.0205	.0427	.0444

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0085	.0138	.0230	.0152	-.0004	.0110	.0085	-.0014	-.0052	.0020	.0121	-.0091	-.0065	.0014	-.0031
-1.20000	.0085	.0120	.0226	.0148	-.0013	.0101	.0068	-.0027	-.0078	.0002	.0085	-.0091	-.0083	-.0026	-.0031
-.40000	.0085	.0098	.0204	.0090	-.0049	.0066	.0046	-.0062	-.0105	-.0029	.0165	.0068	-.0145	-.0083	-.0036

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0082	-.0016	-.0069	-.0003
-1.20000	.0060	-.0055	-.0121	-.0017
-.40000	-.0020	.0050	-.0135	.0054

MACH (2) = 1.250 RN/L (1) = 2.026 P = 343.73 PT = 890.45 TTF = 64.560 Q = 375.98

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0448	.0322	.0366	.0359	.0464	.0366	.0475	.0283	.0426	.0546	.0591	.0617	.0429	.0381	.0488
-1.20000	.0389	.0307	.0318	.0329	.0434	.0329	.0431	.0257	.0396	.0516	.0617	.0617	.0376	.0389	.0461
-.40000	.0337	.0337	.0278	.0273	.0717	.0189	.0278	.0152	.0378	.0441	.0542	.0576	.0354	.0389	.0439

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0447	.0516	.0676	.0339	.1505	.1668	.0993	.1676	.1938	.1808	.1087	.1390	.1812	.1678	.1825
-1.20000	.0113	.0333	.0465	.0245	.1464	.1706	.0844	.1501	.1880	.1756	.1068	.1297	.1955	.1532	.1825
-.40000	.0090	-.0042	.0022	-.0020	.1273	.1601	.0855	.1542	.1898	.1542	.1128	.0941	.1640	.1566	.1818

OA-252 (P90+A+S) TILE WALL PRESS 90 DEG PANEL (R3TW40)

MACH (2) = 1.250 RN/L (1) = 2.026

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1977	.2341	.2029	.2104
-1.20000	.1943	.2690	.2334	.2527
-.40000	.1898	.3767	.2683	.3996

OA-252 (P90+A+S) TILE WALL PRESS 90 DEG PANEL (R3TW41) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.388 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .898 RN/L (1) = 4.430 P = 1315.5 PT = 2220.8 TTF = 92.757 Q = 743.02

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0669	.0514	.0521	.0449	.0575	.0527	.0555	.0441	.0493	.0513	.0597	.0568	.0380	.0536	.0445
-1.20000	.0469	.0495	.0503	.0438	.0573	.0484	.0534	.0405	.0516	.0487	.0588	.0568	.0363	.0601	.0396
-.40000	.0420	.0454	.0467	.0319	.0947	.0364	.0389	.0337	.0491	.0449	.0499	.0532	.0269	.0612	.0538

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0157	.0186	.0256	.0218	.0073	.0167	.0187	.0048	.0063	.0125	.0248	.0016	.0048	.0159	.0112
-1.20000	.0147	.0184	.0257	.0237	.0050	.0216	.0187	.0087	.0067	.0116	.0212	.0008	.0044	.0137	.0050
-.40000	.0155	.0131	.0197	.0159	.0016	.0131	.0183	.0065	.0042	.0044	.0269	.0224	-.0052	.0084	.0050

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0180	.0055	.0042	.0174
-1.20000	.0114	.0055	-.0052	.0148
-.40000	.0067	.0192	-.0221	.0284

MACH (2) = 1.050 RN/L (1) = 4.499 P = 1024.8 PT = 2059.6 TTF = 74.510 Q = 791.56

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0582	.0554	.0570	.0388	.0529	.0220	.0345	-.0031	.1235	.1538	.1831	.2164	.1587	.1440	.1701
-1.20000	.0454	.0424	.0436	.0362	.0504	.0011	-.0014	-.0235	.1177	.1635	.1849	.1842	.1525	.1443	.1726
-.40000	.0370	.0375	.0396	.0300	.0490	-.0121	-.0172	-.0346	.1117	.1447	.1788	.1737	.1072	.3539	.3921

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0813	.1036	.1145	.1072	.0510	.0678	.0928	.0464	.0395	.0563	.1131	-.0017	-.0116	-.0065	-.0047
-1.20000	.0822	.1043	.1184	.1106	.0492	.0731	.1369	.0521	.0386	.0626	.1031	-.0146	-.0166	-.0067	-.0271
-.40000	.0787	.1086	.1228	.1042	.0552	.0539	.1836	.0546	.0448	.0586	.1628	.0346	-.0301	-.0136	-.0524

OA-252 (P90+A+S) TILE WALL PRESS 90 DEG PANEL (R3TW41)

MACH (2) = 1.050 RN/L (1) = 4.499

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0132	.0189	.0099	.0280
-1.20000	-.0246	.0022	-.0097	.0102
-.40000	-.0450	-.0236	-.0518	-.0116

MACH (3) = 1.100 RN/L (1) = 4.566 P = 975.33 PT = 2081.5 TTF = 76.182 Q = 825.49

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1002	.0936	.0756	.0728	.0714	.0918	.0951	.0780	.0887	.1082	.1199	.1169	.0863	.0928	.0856
-1.20000	.0759	.0913	.0761	.0779	.0772	.0850	.0881	.0645	.0862	.0997	.1179	.1161	.0780	.0906	.0788
-.40000	.0778	.0862	.0724	.0631	.3101	.0695	.0647	.0522	.0848	.0946	.0825	.1070	.0732	.0899	.0665

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0889	.1027	.1168	.0751	.1234	.1381	.1271	.1181	.0985	.1317	.1362	.0195	.0222	.0149	-.0013
-1.20000	.0853	.0939	.1064	.0698	.1314	.1449	.2718	.1127	.1005	.1138	.1822	.0197	.0219	.0214	-.0144
-.40000	.0753	.0950	.1238	.0660	.0790	.1163	.2834	.0833	.0612	.0889	.3914	.0943	.0113	.0205	-.0291

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0079	.0383	.0505	.0686
-1.20000	-.0028	.0389	.0246	.0442
-.40000	-.0202	.0327	.0022	.0466

MACH (4) = 1.249 RN/L (1) = 4.559 P = 814.07 PT = 2106.2 TTF = 84.693 Q = 889.11

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0435	.0348	.0363	.0288	.0397	.0442	.0391	.0332	.0488	.0565	.0534	.0534	.0411	.0474	.0448
-1.20000	.0310	.0315	.0349	.0225	.0348	.0357	.0303	.0261	.0523	.0548	.0522	.0553	.0501	.0478	.0393
-.40000	.0197	.0310	.0310	.0158	.0840	.0197	.0153	.0158	.0473	.0483	.0440	.0506	.0421	.0424	.0370

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0424	.0384	.0473	.0291	.1468	.1557	.0959	.1546	.1808	.1685	.1080	.1202	.1647	.1539	.1970
-1.20000	.0089	.0081	.0169	.0132	.1270	.1500	.0671	.1414	.1826	.1470	.1047	.1074	.1772	.1446	.2072

OA-252 (P90+A+S) TILE WALL PRESS 90 DEG PANEL (R3TW41)

MACH (4) = 1.249 RN/L (1) = 4.559

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0183	-.0315	-.0290	-.0144	.1097	.1357	.0615	.1331	.1813	.1430	.1394	.0871	.1439	.1451	.1962

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2256	.2740	.2006	.2195
-1.20000	.2310	.2805	.2575	.3092
-.40000	.2275	.3733	.2678	.4725

MACH (5) = 1.396 RN/L (1) = 4.508 P = 685.34 PT = 2167.8 TTF = 95.588 Q = 934.46

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0367	.0280	.0241	.0186	.0303	.0285	.0307	.0208	.0280	.0342	.0400	.0381	.0234	.0307	.0270
-1.20000	.0222	.0263	.0223	.0180	.0292	.0262	.0285	.0159	.0297	.0328	.0366	.0377	.0241	.0313	.0219
-.40000	.0181	.0262	.0186	.0126	.0677	.0149	.0169	.0068	.0265	.0230	.0292	.0384	.0195	.0249	.0298

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0300	.0302	.0332	.0225	.1005	.1101	.0276	.0424	.0315	.0586	.0485	-.0001	-.0001	-.0075	.2431
-1.20000	.0262	.0270	.0279	.0160	.0292	.0526	.0274	.0395	.0150	.0537	.0398	-.0120	.0010	-.0191	.2199
-.40000	.0165	.0159	.0098	.0023	.0207	.0461	.0195	.0340	.0169	.0476	.0400	-.0129	-.0003	-.0186	.1530

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2418	.2208	.2415	.2252
-1.20000	.1749	.1759	.1983	.1936
-.40000	.1675	.2214	.2133	.2810

OA-252 (P90+A+S) TILE WALL PRESS 90 DEG PANEL (R3TW42) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.272 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .903 RN/L (1) = 5.980 P = 1794.3 PT = 3046.2 TTF = 100.62 Q = 1025.2

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0627	.0507	.0542	.0423	.0550	.0576	.0547	.0477	.0527	.0532	.0600	.0565	.0409	.0584	.0434
-1.20000	.0431	.0465	.0507	.0423	.0578	.0526	.0519	.0441	.0549	.0445	.0541	.0573	.0365	.0603	.0407
-.40000	.0425	.0447	.0452	.0339	.1063	.0353	.0369	.0329	.0497	.0448	.0472	.0600	.0266	.0811	.0626

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0258	.0220	.0275	.0206	.0133	.0216	.0244	.0096	.0086	.0173	.0229	.0072	.0104	.0170	.0173
-1.20000	.0191	.0208	.0259	.0226	.0144	.0194	.0233	.0152	.0121	.0124	.0206	.0034	.0068	.0151	.0100
-.40000	.0101	.0157	.0227	.0172	.0023	.0108	.0258	.0119	.0113	.0090	.0248	.0293	-.0059	.0073	.0070

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0249	.0072	.0142	.0206
-1.20000	.0093	.0118	.0047	.0191
-.40000	.0126	.0192	-.0276	.0409

MACH (2) = 1.252 RN/L (1) = 6.030 P = 1097.7 PT = 2851.0 TTF = 94.242 Q = 1204.4

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0428	.0334	.0365	.0225	.0345	.0436	.0342	.0344	.0484	.0514	.0496	.0532	.0414	.0471	.0391
-1.20000	.0336	.0313	.0351	.0210	.0350	.0382	.0306	.0290	.0471	.0532	.0479	.0512	.0401	.0468	.0366
-.40000	.0193	.0317	.0300	.0148	.0859	.0216	.0112	.0199	.0459	.0462	.0411	.0502	.0394	.0431	.0305

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0517	.0349	.0382	.0299	.1312	.1414	.0992	.1242	.1558	.1410	.0982	.1212	.1516	.1252	.2174
-1.20000	.0118	.0112	.0135	.0132	.1066	.1296	.0617	.1170	.1526	.1283	.0910	.1006	.1492	.1234	.2182
-.40000	.0295	-.0241	-.0284	-.0131	.0940	.1220	.0575	.0914	.1484	.1138	.1416	.0973	.1144	.1303	.2123

OA-252 (P90+A+S) TILE WALL PRESS 90 DEG PANEL (R3TW42)

MACH (2) = 1.252 RN/L (1) = 6.030

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2389	.2960	.2431	.2371
-1.20000	.2435	.3113	.2874	.3113
-.40000	.2439	.3722	.2999	.4778

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW43) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = -.020
STEP-A = -.020

MACH (1) = .900 RN/L (1) = 4.516 P = 2122.5 PT = 2706.7 TTF = 72.489 Q = 534.37

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0363	.0296	.0322	.0169	.0388	.0376	.0277	.0175	.0389	.0988	.0394	.0563	.0322	.0720	.0289
-1.20000	.0348	.0233	.0244	.0262	.0370	.0337	.0304	.0201	.0363	.0919	-.0109	-.0273	.0254	.0457	.0263
-.40000	.0228	.0244	.0212	.0127	.0547	.0212	.0209	.0149	.0389	.0787	.0153	-.0828	.0278	.0496	.0315

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0301	.0031	-.0243	.0186	.0352	.0941	.0288	.0395	.1100	.1564	.0393	.0207	.1060	.0572	.0683
-1.20000	.0236	-.0526	-.0324	.0149	.0247	.0829	.0194	-.0152	-.0440	.0974	.0228	-.0038	.0895	.0454	.0591
-.40000	.0147	-.0421	-.0005	-.0040	.0236	.0504	.0210	-.0675	.1839	.2999	.0580	.0226	.0507	.0312	.0434

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0460	.0529	.1140	.0485
-1.20000	.0463	.0343	.0651	.0490
-.40000	.0428	.0617	.0471	.0522

MACH (2) = .799 RN/L (1) = 4.527 P = 1501.5 PT = 2286.6 TTF = 74.022 Q = 670.98

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0393	.0262	.0246	.0207	.0379	.0460	.0363	.0283	.0381	.0959	.0515	.0436	.0323	.0761	.0343
-1.20000	.0387	.0204	.0285	.0139	.0318	.0370	.0360	.0241	.0360	.0738	-.0001	-.0257	.0266	.0463	.0234
-.40000	.0256	.0211	.0236	.0228	.0656	.0190	.0172	.0069	.0439	.0748	.0109	-.0690	.0337	.0489	.0385

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0269	.0071	-.0080	.0233	.0501	.1000	.0315	.0298	.1022	.1457	.0442	.0284	.1179	.0591	.0904
-1.20000	.0302	-.0292	-.0205	.0218	.0426	.0946	.0323	-.0080	-.0307	.0974	.0317	.0094	.1020	.0622	.0836
-.40000	.0195	-.0313	.0008	.0023	.0289	.0529	.0267	-.0444	.1317	.2731	.0736	.0332	.0606	.0434	.0656

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW43)

MACH (2) = .799 RN/L (1) = 4.527

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0623	.0661	.1117	.0723
-1.20000	.0619	.0642	.0826	.0589
-.40000	.0552	.0959	.0513	.0744

MACH (3) = .898 RN/L (1) = 4.581 P = 1298.5 PT = 2191.8 TTF = 73.221 Q = 733.20

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0410	.0269	.0275	.0221	.0359	.0393	.0295	.0262	.0317	.0832	.0483	.0441	.0237	.0635	.0271
-1.20000	.0214	.0189	.0254	.0110	.0256	.0321	.0262	.0195	.0361	.0687	-.0114	-.0207	.0275	.0369	.0164
-.40000	.0136	.0174	.0239	.0141	.0547	.0288	.0074	.0199	.0345	.0528	.0152	-.0625	.0210	.0421	.0310

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0299	.0021	-.0234	.0245	.0394	.0921	.0297	.0158	.0963	.1414	.0406	.0286	.1160	.0570	.0874
-1.20000	.0228	-.0363	-.0325	.0033	.0288	.0732	.0190	-.0211	-.0434	.0824	.0247	.0117	.0855	.0533	.0776
-.40000	.0171	-.0391	-.0205	-.0046	.0163	.0444	.0181	-.0537	.1277	.2342	.0595	.0156	.0510	.0349	.0520

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0600	.0563	.1104	.0601
-1.20000	.0558	.0630	.0710	.0472
-.40000	.0556	.0844	.0538	.0520

MACH (4) = 1.053 RN/L (1) = 4.551 P = 1037.6 PT = 2092.8 TTF = 76.599 Q = 806.04

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0346	.0290	.0294	.0199	.0311	.0342	.0306	.0201	.0342	.0684	.0516	.0297	.0236	.0614	.0231
-1.20000	.0230	.0269	.0273	.0243	.0350	.0333	.0288	.0201	.0335	.0557	-.0079	-.0125	.0240	.0422	.0247
-.40000	.0207	.0169	.0228	.0189	.0712	.0178	.0166	.0131	.0365	.0545	.0180	-.0395	.0201	.0580	.0161

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0290	-.0123	-.0275	.0194	.0461	.0980	.0236	.0055	.0826	.1056	.0467	.0323	.1237	.0795	.1127
-1.20000	.0288	-.0348	-.0347	.0055	.0384	.0672	.0165	-.0033	-.0136	.0570	.0318	-.0003	.1005	.0871	.1101

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW43)

MACH (4) = 1.053 RN/L (1) = 4.551

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0143	-.0248	-.0102	-.0115	.0209	.0449	.0184	-.0207	.1458	.2364	.0627	.0257	.0608	.0358	.1032

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0904	.1034	.1102	.0915
-1.20000	.0798	.1072	.1020	.0920
-.40000	.0789	.1348	.0906	.0648

MACH (5) = 1.099 RN/L (1) = 4.544 P = 971.79 PT = 2073.0 TTF = 76.425 Q = 821.95

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0395	.0346	.0347	.0199	.0311	.0324	.0448	.0222	.0408	.0865	.0567	.0605	.0324	.0724	.0315
-1.20000	.0252	.0347	.0313	.0184	.0311	.0308	.0305	.0191	.0364	.0610	.0194	.0045	.0259	.0464	.0295
-.40000	.0186	.0269	.0313	.0199	.1048	.0167	.0118	.0061	.0388	.0560	.0344	-.0118	.0239	.0419	.0207

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0536	.0145	-.0010	.0140	.1218	.1340	.0531	.0254	.0990	.1270	.1088	.1198	.1723	.1289	.2065
-1.20000	.0408	-.0155	-.0142	-.0088	.0690	.1402	.0364	.0000	-.0063	.0730	.1016	.0648	.1795	.0931	.1946
-.40000	.0272	-.0146	-.0065	-.0172	.0433	.0983	.0411	-.0151	.1282	.2269	.1837	.0556	.1192	.0645	.1776

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1944	.1864	.1745	.1886
-1.20000	.1758	.1745	.1641	.1818
-.40000	.1768	.1777	.1617	.1934

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW43)

MACH (6) = 1.249 RN/L (1) = 4.606 P = 810.53 PT = 2096.3 TTF = 78.617 Q = 884.86

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0341	.0246	.0333	.0254	.0359	.0321	.0349	.0274	.0352	.0739	.0565	.0565	.0223	.0742	.0326
-1.20000	.0231	.0199	.0281	.0203	.0344	.0250	.0325	.0254	.0392	.0648	.0196	-.0006	.0231	.0417	.0279
-.40000	.0111	.0155	.0245	.0197	.0751	.0152	.0150	.0222	.0349	.0623	.0388	-.0232	.0174	.0428	.0257

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0316	-.0009	-.0142	.0238	.0343	.0640	.0326	.0272	.1041	.1199	.0279	.0324	.0823	.0380	.0584
-1.20000	.0209	-.0213	-.0190	.0136	.0319	.0597	.0248	-.0016	-.0049	.0635	.0244	-.0007	.0678	.0295	.0529
-.40000	.0198	-.0121	-.0105	-.0001	.0195	.0466	.0239	.0003	.1401	.2080	.0265	.0315	.0290	.0168	.0377

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0314	.0440	.0869	.0373
-1.20000	.0260	.0239	.0530	.0302
-.40000	.0255	.0001	.0312	.0310

MACH (7) = 1.407 RN/L (1) = 4.582 P = 664.83 PT = 2136.0 TTF = 82.091 Q = 920.93

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0307	.0197	.0292	.0178	.0295	.0272	.0316	.0223	.0360	.0769	.0534	.0371	.0243	.0652	.0247
-1.20000	.0200	.0191	.0222	.0147	.0271	.0216	.0231	.0233	.0398	.0561	.0170	-.0001	.0258	.0382	.0198
-.40000	.0039	.0137	.0257	.0094	.0576	.0036	.0099	.0141	.0346	.0521	.0419	-.0165	.0161	.0345	.0182

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0254	-.0015	-.0139	.0222	.0361	.0535	.0255	.0422	.0941	.1048	.0158	.0348	.0770	.0324	.0518
-1.20000	.0240	-.0183	-.0186	.0193	.0321	.0489	.0296	-.0004	-.0129	.0572	.0168	.0229	.0649	.0251	.0503
-.40000	.0175	-.0160	-.0105	.0090	.0150	.0348	.0229	.0227	.1175	.1861	.0162	.0089	.0300	.0147	.0279

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0193	.0386	.0788	.0355
-1.20000	.0197	.0260	.0485	.0199
-.40000	.0217	-.0086	.0219	.0184

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW44) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .020
STEP-A = .020

MACH (1) = .598 RN/L (1) = 4.464 P = 2124.6 PT = 2706.7 TTF = 74.824 Q = 532.64

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0744	.0472	.0446	.0761	.0416	.0231	.0328	.0315	.0360	.0055	.0169	.1391	.0389	.0338	.0492
-1.20000	.0786	.0315	.0312	.0524	.0347	.0218	.0317	.0204	.0326	-.0646	-.0262	.0929	.0273	.0198	.0402
-.40000	.0192	.0179	.0307	.0357	.0583	.0197	.0158	.0051	.0294	-.0582	.0243	.1014	.0146	.0211	.0613

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0301	-.0096	.0001	.0220	.1178	.0217	.0152	.1371	.0627	.0451	.0281	.0477	.0769	.0257	.0448
-1.20000	.0204	-.0397	-.0574	.0347	.1112	.0291	.0201	.0850	-.0764	-.0032	.0304	.0314	.0727	.0146	.0288
-.40000	.0117	-.0024	-.0468	.0159	.0438	.0217	.0388	.2165	.1394	-.0664	.0215	.0380	.0332	.0030	.0201

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0474	.0380	.0834	.0244
-1.20000	.0408	.0472	.0262	.0273
-.40000	.0290	.0390	.0230	.0246

MACH (2) = .800 RN/L (1) = 4.479 P = 1497.3 PT = 2282.4 TTF = 77.886 Q = 670.73

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0816	.0465	.0372	.0735	.0345	.0318	.0444	.0361	.0334	.0206	.0355	.1201	.0340	.0316	.0388
-1.20000	.0654	.0276	.0328	.0573	.0366	.0332	.0429	.0340	.0401	-.0436	-.0015	.0920	.0361	.0297	.0407
-.40000	.0218	.0152	.0301	.0355	.0429	.0189	.0243	.0072	.0332	-.0565	.0404	.0998	.0181	.0114	.0482

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0293	-.0112	.0061	.0327	.1204	.0378	.0362	.1349	.0637	.0300	.0344	.0654	.0926	.0292	.0612
-1.20000	.0141	-.0245	-.0297	.0223	.1099	.0386	.0487	.0800	-.0479	-.0008	.0302	.0381	.0809	.0168	.0575
-.40000	.0087	-.0051	-.0377	.0160	.0501	.0415	.0412	.2219	.1022	-.0483	.0220	.0391	.0461	.0145	.0431

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW44)

MACH (2) = .800 RN/L (1) = 4.479

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0572	.0822	.0962	.0474
-1.20000	.0574	.0712	.0481	.0441
-.40000	.0468	.0533	.0462	.0671

MACH (3) = .900 RN/L (1) = 4.528 P = 1292.9 PT = 2186.2 TTF = 77.226 Q = 732.68

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0720	.0498	.0384	.0754	.0419	.0344	.0405	.0374	.0278	.0147	.0304	.1073	.0298	.0312	.0463
-1.20000	.0619	.0338	.0371	.0585	.0403	.0238	.0312	.0271	.0321	-.0384	-.0064	.0752	.0278	.0187	.0369
-.40000	.0259	.0202	.0342	.0455	.0527	.0156	.0314	.0060	.0232	-.0333	.0291	.0841	.0163	.0187	.0417

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0333	-.0262	-.0008	.0144	.1156	.0308	.0187	.1247	.0686	.0286	.0290	.0457	.0799	.0334	.0465
-1.20000	.0084	-.0346	-.0381	.0142	.1023	.0297	.0229	.0599	-.0556	-.0098	.0263	.0381	.0717	.0250	.0414
-.40000	.0103	-.0091	-.0332	.0148	.0358	.0289	.0350	.2251	.1132	-.0347	.0200	.0248	.0330	.0081	.0277

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0533	.0638	.0911	.0340
-1.20000	.0461	.0514	.0377	.0282
-.40000	.0426	.0461	.0320	.0461

MACH (4) = 1.049 RN/L (1) = 4.532 P = 1031.2 PT = 2068.1 TTF = 73.116 Q = 793.86

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0925	.0732	.0548	.0855	.0536	.0697	.0796	.0432	.0888	.0816	.1283	.1229	.1281	.0870	.1045
-1.20000	.0908	.0557	.0497	.0727	.0484	.0583	.0710	.0266	.0846	.0705	.1002	.1136	.1094	.0748	.0751
-.40000	.0475	.0441	.0459	.0812	.0961	.0434	.0174	.0004	.0641	.0832	.1204	.1315	.0722	.0684	.1357

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0806	.0586	.0813	.0553	.2410	.1850	.2126	.1739	.1100	.0744	.1862	.2316	.2507	.1879	.2809
-1.20000	.0732	.0609	.0679	.0515	.2272	.1752	.2486	.0876	.0424	.0774	.1819	.1947	.2496	.1837	.2657

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW44)

MACH (4) = 1.049 RN/L (1) = 4.532

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0489	.0556	.0755	.0680	.2094	.1743	.2894	.1869	.1100	.0636	.3061	.2154	.2429	.1703	.2571

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2945	.2892	.2760	.2870
-1.20000	.2739	.2841	.2827	.2903
-.40000	.2656	.2922	.2665	.3417

MACH (5) = 1.103 RN/L (1) = 4.515 P = 951.99 PT = 2039.8 TTF = 72.698 Q = 810.43

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1176	.0881	.0678	.1001	.0717	.0475	.0783	.0515	.0695	.0390	.0889	.0738	.0489	.0512	.0532
-1.20000	.1140	.0709	.0685	.0891	.0678	.0439	.0738	.0442	.0637	.0237	.0406	.0706	.0574	.0474	.0503
-.40000	.0633	.0709	.0541	.1262	.2149	.0329	.0434	.0361	.0438	.0149	.0555	.0668	.0403	.0432	.0390

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0430	-.0117	.0126	.0212	.2229	.1528	.1676	.1218	.0537	.0376	.1372	.2125	.2045	.1697	.2842
-1.20000	.0076	-.0129	.0115	-.0085	.1971	.1238	.2396	.0466	.0013	.0301	.1360	.1688	.2066	.1573	.2699
-.40000	-.0207	.0001	-.0031	-.0217	.1775	.1005	.1928	.1849	.0762	.0575	.2044	.1659	.1901	.1442	.2609

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2929	.2692	.2732	.2907
-1.20000	.2761	.2946	.2704	.2897
-.40000	.2687	.2687	.2570	.3091

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW44)

MACH (6) = 1.250 RN/L (1) = 4.559 P = 790.02 PT = 2045.4 TTF = 72.838 Q = 863.55

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0859	.0622	.0450	.0842	.0414	.0455	.0625	.0467	.0643	.0430	.0682	.0859	.0501	.0477	.0474
-1.20000	.0713	.0461	.0427	.0642	.0476	.0374	.0521	.0374	.0542	.0132	.0356	.0743	.0470	.0425	.0462
-.40000	.0348	.0394	.0397	.0561	.1126	.0294	.0328	.0218	.0526	.0128	.0588	.0704	.0455	.0368	.0353

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0485	-.0130	.0138	.0338	.2083	.1465	.1281	.1168	.0698	.0505	.1108	.1960	.1848	.1420	.3029
-1.20000	.0275	-.0194	-.0059	.0132	.1845	.0997	.1359	.0515	-.0018	.0273	.1233	.1879	.1785	.1487	.2715
-.40000	-.0234	-.0090	-.0017	-.0173	.1449	.0813	.1595	.1912	.1040	.0546	.1585	.1310	.1027	.0940	.2704

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.3287	.3058	.2808	.3130
-1.20000	.2783	.2728	.2749	.2714
-.40000	.2653	.3058	.2652	.2707

MACH (7) = 1.403 RN/L (1) = 4.611 P = 658.47 PT = 2104.1 TTF = 73.813 Q = 907.16

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0832	.0541	.0424	.0833	.0422	.0328	.0561	.0356	.0328	.0303	.0605	.0776	.0264	.0330	.0360
-1.20000	.0697	.0379	.0381	.0594	.0417	.0282	.0460	.0306	.0310	-.0006	.0268	.0668	.0261	.0310	.0314
-.40000	.0258	.0325	.0381	.0532	.1110	.0196	.0325	.0186	.0255	-.0036	.0476	.0743	.0211	.0266	.0256

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0333	-.0175	.0043	.0286	.1031	.0435	.0402	.0973	.0894	.0464	.0304	.0674	.0742	.0422	.0811
-1.20000	.0263	-.0240	-.0189	.0227	.0851	.0438	.0254	.0423	-.0210	.0146	.0258	.0520	.0605	.0276	.0534
-.40000	.0192	-.0125	-.0091	.0124	.0374	.0407	.0217	.1985	.0998	.0335	.0214	.0311	.0379	.0138	.0212

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1114	.0958	.0729	.0849
-1.20000	.0507	.0529	.0532	.0748
-.40000	.0397	.0422	.0195	.0546

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW45) (11 APR 80)

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 = .6570

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .020
STEP-A = .020

MACH (1) = 1.404 RN/L (1) = 4.662 P = 658.47 PT = 2108.4 TTF = 70.152 Q = 909.01

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0280	.0543	.0431	.0818	.0423	.0346	.0552	.0366	.0371	.0325	.0589	.0735	.0327	.0367	.0355
-1.20000	.0758	.0437	.0365	.0623	.0420	.0308	.0474	.0322	.0346	-.0027	.0251	.0677	.0301	.0303	.0324
-.40000	.0309	.0352	.0361	.0504	.1032	.0246	.0337	.0236	.0305	.0014	.0472	.0713	.0256	.0263	.0249

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0350	-.0117	.0030	.0318	.1164	.0493	.0326	.1085	.0922	.0516	.0315	.0578	.1079	.0431	.1322
-1.20000	.0245	-.0212	-.0168	.0270	.0853	.0495	.0430	.0403	-.0230	.0167	.0316	.0617	.0730	.0254	.0427
-.40000	.0164	-.0110	-.0087	.0189	.0372	.0370	.0307	.2008	.1101	.0291	.0428	.0603	.0369	.0133	.0238

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1328	.0874	.0995	.0518
-1.20000	.0562	.0611	.0597	.0784
-.40000	.0621	.0512	.0497	.0552

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW46) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .160

MACH (1) = .600 RN/L (1) = 4.504 P = 2142.3 PT = 2731.5 TTF = 77.226 Q = 538.94

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0358	.0422	.0427	.0349	.0416	.0414	.0395	.0292	.0450	.0354	.0282	.2276	.0435	.0449	.0646
-1.20000	.0246	.0404	.0378	.0281	.0382	.0481	.0340	.0208	.0406	-.0743	-.0012	.1409	.0372	.0446	.0597
-.40000	.0231	.0311	.0347	.0215	.0608	.0223	.0303	-.0050	.0378	-.0585	.0500	.1467	.0159	.0459	.1271

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0413	.0175	.0326	.031[illegible]	.1469	.0352	.0234	.1860	.0981	.1294	.0398	.0124	.0791	.0182	.0284
-1.20000	.0176	-.0081	-.0606	.026[illegible]	.0989	.0363	.0192	.1507	-.0373	.0548	.0414	.0122	.0613	.0130	.0086
-.40000	.0208	.0255	-.0498	.0237	.0026	.0269	.0195	.2823	.2007	-.0576	.0299	.0309	.0191	-.0084	-.0256

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0332	.0332	.0868	.0294
-1.20000	.0285	.0413	.0023	.0174
-.40000	.0225	.0049	-.0133	.0133

MACH (2) = .799 RN/L (1) = 4.460 P = 1491.6 PT = 2271.0 TTF = 77.365 Q = 666.20

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0429	.0358	.0437	.0399	.0461	.0511	.0493	.0386	.0525	.0490	.0408	.2287	.0498	.0452	.0736
-1.20000	.0352	.0393	.0404	.0355	.0374	.0490	.0416	.0228	.0490	-.0480	.0137	.1459	.0422	.0532	.0650
-.40000	.0272	.0258	.0346	.0302	.0629	.0226	.0267	-.0053	.0546	-.0433	.0648	.1521	.0426	.0536	.1434

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0446	.0177	.0405	.0363	.1435	.0414	.0339	.1832	.0998	.1184	.0395	.0318	.0874	.0302	.0423
-1.20000	.0411	.0089	-.0345	.0439	.1028	.0395	.0258	.1458	-.0326	.0723	.0447	.0258	.0702	.0215	.0215
-.40000	.0256	.0283	-.0360	.0279	.0038	.0319	.0193	.2986	.2055	-.0553	.0312	.0352	.0276	.0002	-.0179

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW46)

MACH (2) = .799 RN/L (1) = 4.460

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0582	.0516	.0983	.0439
-1.20000	.0466	.0467	.0184	.0393
-.40000	.0420	.0201	.0027	.0431

MACH (3) = .898 RN/L (1) = 4.493 P = 1283.0 PT = 2165.0 TTF = 76.077 Q = 723.99

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0433	.0395	.0341	.0361	.0394	.0416	.0505	.0303	.0458	.0526	.0401	.2169	.0450	.0447	.0651
-1.20000	.0281	.0322	.0295	.0285	.0325	.0378	.0388	.0085	.0385	-.0584	.0119	.1504	.0337	.0373	.0564
-.40000	.0287	.0268	.0353	.0309	.0707	.0303	.0172	-.0043	.0391	-.0434	.0576	.1467	.0217	.0629	.1398

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0299	.0252	.0399	.0332	.1352	.0323	.0197	.1756	.0989	.1215	.0376	.0328	.0822	.0101	.0403
-1.20000	.0295	.0033	-.0341	.0326	.0890	.0251	.0151	.1362	-.0391	.0746	.0303	.0093	.0491	.0037	.0069
-.40000	.0239	.0369	-.0360	.0273	.0004	.0214	.0199	.2951	.2232	-.0503	.0264	.0228	.0132	-.0105	-.0219

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0353	.0639	.0867	.0287
-1.20000	.0357	.0319	-.0066	.0190
-.40000	.0374	-.0042	-.0201	.0217

MACH (4) = 1.050 RN/L (1) = 4.479 P = 1040.4 PT = 2088.6 TTF = 81.987 Q = 802.20

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0611	.0514	.0552	.0471	.0513	.0601	.0548	.0290	.1098	.1285	.1308	.2417	.1201	.0829	.1393
-1.20000	.0514	.0537	.0526	.0454	.0428	.0498	.0400	-.0001	.0901	.0321	.0972	.1915	.1107	.0857	.1454
-.40000	.0467	.0471	.0412	.0399	.0761	.0152	-.0079	-.0123	.0823	.0369	.1497	.2007	.1136	.1618	.2350

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0802	.0948	.1148	.1226	.2527	.2046	.1941	.2319	.1510	.1655	.1583	.2376	.2630	.1587	.2636
-1.20000	.0678	.0751	.0456	.1082	.2232	.1664	.2253	.1811	.0402	.0952	.1657	.2166	.2518	.1478	.2271

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW46)

MACH (4) = 1.050 RN/L (1) = 4.479

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0508	.0348	.0460	.0833	.1390	.1587	.2216	.3182	.2194	.0275	.1907	.1905	.2010	.1214	.2083

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2670	.2571	.2516	.2506
-1.20000	.2430	.2383	.2303	.2573
-.40000	.2427	.2258	.2112	.2743

MACH (5) = 1.102 RN/L (1) = 4.549 P = 973.20 PT = 2083.6 TTF = 78.234 Q = 827.56

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0753	.0736	.0636	.0713	.0572	.0645	.0717	.0456	.0775	.0941	.1145	.2031	.0870	.0855	.1005
-1.20000	.0615	.0634	.0527	.0697	.0514	.0571	.0711	.0366	.0756	.0244	.0662	.1628	.0804	.0760	.0992
-.40000	.0631	.0505	.0512	.0685	.1752	.0436	.0459	.0081	.0564	.0329	.0997	.1735	.0719	.0637	.1230

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0561	.0581	.0813	.0746	.2543	.1954	.1892	.1978	.1169	.1298	.1572	.2432	.2627	.1718	.2773
-1.20000	.0228	.0429	.0318	.0483	.2165	.1383	.2351	.1422	.0118	.0768	.1541	.2310	.2487	.1487	.2384
-.40000	.0066	.0640	.0427	.0356	.1372	.1218	.2385	.3234	.1592	.0124	.2108	.1886	.2115	.1317	.2259

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2827	.2569	.2565	.2623
-1.20000	.2538	.2478	.2533	.2743
-.40000	.2542	.2385	.2364	.2923

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW46)

MACH (6) = 1.250 RN/L (1) = 4.644 P = 609.82 PT = 2098.5 TTF = 75.694 Q = 886.09

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0381	.0361	.0385	.0342	.0349	.0399	.0449	.0365	.0501	.0738	.0771	.1931	.0416	.0445	.0566
-1.20000	.0311	.0375	.0375	.0290	.0311	.0392	.0378	.0278	.0495	-.0161	.0481	.1490	.0416	.0423	.0587
-.40000	.0287	.0342	.0320	.0263	.0572	.0197	.0120	-.0022	.0518	-.0004	.0821	.1391	.0348	.0423	.0697

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0481	.0344	.0530	.0461	.1703	.0709	.0640	.1748	.1100	.1193	.0556	.1316	.1365	.0653	.1801
-1.20000	.0331	.0256	.0041	.0353	.1342	.0824	.0576	.1276	-.0078	.0700	.0518	.1106	.1284	.0407	.1213
-.40000	.0104	.0509	.0130	.0194	.0347	.0566	.0464	.2733	.1776	-.0183	.0597	.0593	.0506	-.0361	.1244

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1587	.1406	.1592	.1570
-1.20000	.1384	.1264	.1466	.1209
-.40000	.1052	.1032	.1120	.1254

MACH (7) = 1.408 RN/L (1) = 4.639 P = 664.83 PT = 2138.8 TTF = 77.608 Q = 922.16

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0367	.0299	.0391	.0301	.0376	.0384	.0382	.0388	.0421	.0707	.0791	.1584	.0356	.0382	.0425
-1.20000	.0228	.0288	.0376	.0284	.0371	.0332	.0286	.0347	.0452	-.0214	.0376	.1281	.0354	.0414	.0419
-.40000	.0179	.0285	.0318	.0229	.0590	.0151	.0138	.0137	.0420	.0024	.0700	.1242	.0295	.0482	.0511

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0397	.0286	.0482	.0344	.1375	.0312	.0366	.1541	.1018	.0934	.0302	.0454	.0643	.0248	.0703
-1.20000	.0340	.0197	.0028	.0293	.1011	.0340	.0350	.1063	-.0100	.0554	.0258	.0187	.0484	.0180	.0216
-.40000	.0215	.0365	.0181	.0223	.0286	.0312	.0178	.2394	.1467	-.0191	.0217	.0397	.0154	-.0043	-.0396

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0560	.0720	.0856	.0282
-1.20000	.0401	.0462	.0462	.0395
-.40000	.0236	-.0084	-.0030	.0111

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW47) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .017 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 4.521 P = 2251.9 PT = 2877.9 TTF = 99.414 Q = 572.09

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0275	.0382	.0314	.0227	.0319	.0258	.0275	.0236	.0390	.0114	.0174	.1380	.0322	.0384	.0254
-1.20000	.0219	.0146	.0353	.0260	.0359	.0275	.0356	.0266	.0407	-.0415	-.0174	.0904	.0330	.0266	.0257
-.40000	.0178	.0222	.0285	.0180	.0532	.0090	.0235	.0177	.0300	-.0435	.0285	.0944	.0172	.0659	.0575

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0691	-.0152	.0007	.0283	.0364	.0208	.0548	.1275	.0592	.0391	.0317	.0707	.0607	.0256	.0355
-1.20000	.0630	-.0304	-.0442	.0236	.0160	.0237	.0518	.0688	-.0643	-.0179	.0089	.0505	.0470	.0212	.0323
-.40000	.0589	-.0036	-.0361	.0150	.0209	.0181	.0538	.2192	.0938	-.0694	.0300	.0691	.0090	.0145	.0311

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0330	.0745	.0763	.0261
-1.20000	.0264	.0686	.0681	.0217
-.40000	.0333	.0824	.0712	.0416

MACH (2) = .789 RN/L (1) = 4.497 P = 1587.1 PT = 2416.0 TTF = 100.10 Q = 708.56

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0219	.0268	.0369	.0328	.0416	.0317	.0458	.0302	.0376	.0354	.0514	.1046	.0328	.0411	.0388
-1.20000	.0288	.0331	.0335	.0250	.0364	.0262	.0396	.0250	.0310	-.0212	.0003	.0730	.0260	.0302	.0269
-.40000	.0213	.0270	.0215	.0090	.0490	.0115	.0225	.0141	.0266	-.0272	.0428	.0824	.0161	.0366	.0456

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0487	-.0111	.0143	.0276	.0534	.0513	.0487	.1288	.0754	.0407	.0316	.0527	.0831	.0379	.0606
-1.20000	.0335	-.0234	-.0240	.0377	.0411	.0388	.0367	.0714	-.0587	-.0015	.0308	.0347	.0694	.0302	.0560
-.40000	.0278	-.0079	-.0313	.0207	.0342	.0329	.0415	.2315	.0997	-.0391	.0334	.0491	.0193	.0187	.0453

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW47)

MACH (2) = .799 RN/L (1) = 4.497

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0474	.0630	.0748	.0427
-1.20000	.0417	.0624	.0608	.0296
-.40000	.0435	.0913	.0556	.0475

MACH (3) = .895 RN/L (1) = 4.383 P = 1326.1 PT = 2230.7 TTF = 98.587 Q = 743.50

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0160	.0246	.0304	.0219	.0305	.0229	.0319	.0189	.0325	.0171	.0428	.0949	.0272	.0244	.0249
-1.20000	.0160	.0252	.0244	.0154	.0231	.0210	.0309	.0183	.0310	-.0336	.0002	.0714	.0240	.0244	.0157
-.40000	.0171	.0220	.0156	.0147	.0514	.0045	.0162	.0056	.0272	-.0258	.0355	.0624	.0145	.0440	.0287

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0335	-.0260	-.0059	.0138	.0328	.0333	.0266	.1198	.0650	.0242	.0206	.0205	.0692	.0284	.0476
-1.20000	.0134	-.0438	-.0420	.0191	.0254	.0297	.0241	.0500	-.0614	-.0058	.0198	.0071	.0613	.0195	.0400
-.40000	.0118	-.0244	-.0490	.0138	.0176	.0202	.0207	.2160	.0966	-.0487	.0193	.0220	.0337	.0062	.0374

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0533	.0345	.0379	.0329
-1.20000	.0355	.0390	.0364	.0176
-.40000	.0280	.0554	.0288	.0524

MACH (4) = 1.047 RN/L (1) = 4.476 P = 1058.1 PT = 2118.3 TTF = 87.984 Q = 812.31

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0420	.0333	.0379	.0355	.0418	.0367	.0527	.0319	.0951	.0698	.1202	.1114	.0942	.0677	.0608
-1.20000	.0379	.0333	.0402	.0329	.0409	.0314	.0478	.0163	.0704	.0602	.0710	.1258	.0572	.0720	.0387
-.40000	.0455	.0378	.0316	.0278	.0766	.0098	.0231	.0063	.0791	.0611	.1022	.1260	.0762	.0874	.0906

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0599	.0320	.0591	.0580	.2192	.2143	.1874	.1529	.1097	.0640	.1808	.1740	.2049	.1551	.2692
-1.20000	.0473	.0457	.0525	.0445	.1943	.1716	.2482	.0955	.0340	.0711	.1718	.1505	.2181	.1451	.2710

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW47)

MACH (4) = 1.047 RN/L (1) = 4.476

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0363	.0538	.0503	.0575	.1953	.1627	.2490	.2129	.1251	.0690	.2316	.1880	.1916	.1370	.2648

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2727	.2759	.2788	.2578
-1.20000	.2467	.2657	.2657	.2753
-.40000	.2485	.3476	.2600	.3469

MACH (5) = 1.098 RN/L (1) = 4.424 P = 977.45 PT = 2081.5 TTF = 89.092 Q = 824.65

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0625	.0631	.0546	.0662	.0546	.0634	.0751	.0513	.0938	.0910	.1302	.1226	.1432	.0687	.0757
-1.20000	.0522	.0627	.0526	.0660	.0487	.0507	.0663	.0462	.0801	.0825	.0968	.1118	.0687	.0665	.0578
-.40000	.0554	.0580	.0367	.0587	.2063	.0313	.0448	.0271	.0556	.0674	.1070	.1257	.0445	.0269	.0484

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0770	.0654	.0767	.0564	.2786	.2520	.2423	.1460	.1017	.0784	.2354	.2395	.2452	.2148	.3259
-1.20000	.0555	.0459	.0523	.0486	.2332	.2252	.2886	.0836	.0460	.0780	.2228	.2277	.2500	.2030	.3157
-.40000	.0389	.0746	.0614	.0291	.2046	.2087	.2610	.1732	.1022	.0998	.3108	.2260	.2204	.1921	.3162

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.3266	.3232	.3205	.3211
-1.20000	.3039	.3203	.3134	.3101
-.40000	.3067	.3361	.3171	.3906

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW47)

MACH (6) = 1.252 RN/L (1) = 4.500 P = 808.41 PT = 2098.5 TTF = 88.538 Q = 886.40

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0319	.0305	.0297	.0238	.0328	.0339	.0376	.0322	.0555	.0401	.0535	.0688	.0436	.0383	.0292
-1.20000	.0291	.0348	.0335	.0244	.0289	.0288	.0349	.0274	.0492	.0072	.0334	.0713	.0356	.0359	.0246
-.40000	.0269	.0303	.0288	.0179	.0617	.0144	.0211	.0157	.0505	.0072	.0552	.0601	.0325	.0363	.0280

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0425	-.0209	-.0013	.0277	.1407	.1335	.1057	.1152	.0771	.0370	.0971	.1259	.1634	.0641	.2509
-1.20000	.0374	-.0285	-.0206	.0173	.1394	.0957	.0786	.0421	-.0175	.0250	.1118	.1151	.1534	.0152	.2082
-.40000	.0092	-.0209	-.0142	-.0170	.0986	.0773	.0953	.2040	.1277	.0477	.1194	.0937	.0605	-.0186	.2057

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2620	.2607	.2362	.2239
-1.20000	.2292	.2355	.2421	.2061
-.40000	.2357	.2189	.2189	.2389

MACH (7) = 1.402 RN/L (1) = 4.504 P = 669.78 PT = 2136.7 TTF = 89.542 Q = 921.17

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0234	.0275	.0262	.0210	.0297	.0292	.0280	.0211	.0330	.0291	.0524	.0849	.0217	.0293	.0205
-1.20000	.0178	.0289	.0253	.0205	.0297	.0251	.0239	.0187	.0319	.0023	.0337	.0637	.0202	.0223	.0180
-.40000	.0139	.0284	.0260	.0163	.0563	.0094	.0047	.0104	.0369	-.0007	.0511	.0609	.0171	.0350	.0160

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0269	-.0219	-.0061	.0211	.0462	.0349	.0312	.1049	.0935	.0339	.0200	.0327	.0981	.0232	.0899
-1.20000	.0312	-.0274	-.0239	.0187	.0366	.0410	.0364	.0298	-.0270	.0209	.0205	.0260	.0777	.0202	.0350
-.40000	.0191	-.0214	-.0187	.0074	.0268	.0287	.0242	.1818	.1089	.0257	.0155	.0103	.0853	-.0003	.0289

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0725	.0586	.0545	.0541
-1.20000	.0472	.0633	.0548	.0425
-.40000	.0578	.0782	.0579	.0683

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW48) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .067 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 4.545 P = 2253.4 PT = 2878.6 TTF = 97.036 Q = 571.52

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0837	.0115	.0359	.0354	.0297	.0342	.0268	.0530	.0318	.0205	.0174	.1321	.0323	.0199	.0605
-1.20000	.0786	.0083	.0327	.0250	.0282	.0223	.0154	.0365	.0371	-.0337	-.0247	.0958	.0415	.0208	.0696
-.40000	.0376	.0140	.0347	.0319	.0624	.0186	-.0064	.0244	.0279	-.0565	.0401	.0985	.0284	.0213	.0701

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1788	-.0180	.0158	.0392	.1670	.0573	.2029	.1424	.0423	.0519	.0249	.2769	.2120	.0291	.0375
-1.20000	.1580	-.0284	-.0517	.0274	.1453	.0404	.2276	.0848	-.0679	-.0133	.0262	.1916	.1987	.0299	.0222
-.40000	.2276	-.0087	-.0556	.0062	.1281	.0308	.2325	.2047	.1330	-.0603	.0249	.2061	.0905	.0180	.0203

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0280	.2006	.4272	.0382
-1.20000	.0354	.1992	.4069	.0272
-.40000	.0216	.4046	.2659	.0242

MACH (2) = .802 RN/L (1) = 4.451 P = 1578.6 PT = 2411.1 TTF = 104.57 Q = 710.67

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0850	.0278	.0443	.0291	.0383	.0433	.0318	.0554	.0354	.0243	.0349	.1232	.0356	.0287	.0715
-1.20000	.0852	.0247	.0428	.0320	.0357	.0300	.0318	.0432	.0460	-.0131	-.0035	.0933	.0451	.0295	.0741
-.40000	.0525	.0249	.0380	.0394	.0824	.0115	.0038	.0212	.0450	-.0346	.0483	.1007	.0438	.0240	.0754

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0693	-.0076	.0164	.0366	.1833	.0589	.0871	.1500	.0576	.0430	.0422	.1632	.2135	.0566	.0574
-1.20000	.0474	-.0195	-.0256	.0404	.1719	.0510	.1130	.0912	-.0433	.0053	.0396	.0871	.1787	.0515	.0548
-.40000	.0824	.0028	-.0353	.0265	.1513	.0450	.1128	.2118	.1420	-.0463	.0277	.0970	.1108	.0386	.0469

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW48)

MACH (2) = .802 RN/L (1) = 4.451

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0713	.0975	.2712	.0525
-1.20000	.0533	.0986	.2443	.0527
-.40000	.0503	.1508	.1475	.0453

MACH (3) = .898 RN/L (1) = 4.383 P = 1326.8 PT = 2239.2 TTF = 100.83 Q = 748.92

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0837	.0216	.0360	.0225	.0377	.0311	.0250	.0450	.0348	.0150	.0297	.1218	.0335	.0196	.0665
-1.20000	.0750	.0231	.0330	.0389	.0401	.0248	.0276	.0371	.0400	-.0202	-.0048	.0911	.0356	.0194	.0733
-.40000	.0428	.0105	.0267	.0358	.0860	.0192	.0075	.0209	.0265	-.0353	.0409	.1013	.0254	.0181	.0727

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0376	-.0164	.0028	.0273	.1745	.0519	.0505	.1346	.0564	.0318	.0337	.1207	.1944	.0425	.0482
-1.20000	.0106	-.0307	-.0392	.0249	.1725	.0469	.0778	.0802	-.0441	-.0044	.0356	.0472	.1734	.0378	.0409
-.40000	.0332	-.0093	-.0351	.0149	.1460	.0377	.0719	.2161	.1447	-.0370	.0160	.0611	.0986	.0187	.0320

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0515	.0605	.2187	.0393
-1.20000	.0570	.0600	.2005	.0589
-.40000	.0376	.1029	.1063	.0375

MACH (4) = 1.050 RN/L (1) = 4.479 P = 1065.1 PT = 2138.8 TTF = 91.928 Q = 821.60

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1162	.0820	.0535	.0481	.0547	.1094	.0560	.0813	.1243	.1227	.1639	.1743	.1360	.1211	.1382
-1.20000	.1135	.0901	.0462	.0507	.0465	.0958	.0023	.0772	.1175	.1133	.1424	.1484	.1317	.1306	.1474
-.40000	.0752	.0769	.0501	.0926	.1177	.0718	-.0517	.0563	.0936	.1146	.1356	.1532	.1203	.1423	.1679

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1013	.1048	.1254	.1148	.2226	.1918	.2201	.1837	.1349	.1383	.1918	.2270	.2919	.2212	.2983
-1.20000	.0787	.1026	.1040	.1177	.2106	.1819	.2655	.1607	.0917	.1295	.1860	.2299	.2878	.2325	.2896

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW48)

MACH (4) = 1.050 RN/L (1) = 4.479

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0241	.1132	.1081	.0895	.2065	.1771	.2762	.1728	.1858	.1163	.2917	.2117	.2487	.2340	.2818

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.3025	.2927	.2910	.2828
-1.20000	.2946	.2958	.2902	.2896
-.40000	.2793	.2876	.2781	.2865

MACH (5) = 1.096 RN/L (1) = 4.478 P = 994.42 PT = 2113.3 TTF = 90.303 Q = 836.45

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0965	.0339	.0422	.0535	.0578	.0415	.0542	.0455	.0519	.0355	.0643	.0779	.0418	.0333	.0593
-1.20000	.0931	.0337	.0379	.0584	.0509	.0345	.0475	.0337	.0432	-.0062	.0266	.0762	.0401	.0389	.0653
-.40000	.0569	.0309	.0335	.1162	.1446	.0213	.0354	.0219	.0377	-.0048	.0525	.0841	.0357	.0335	.0504

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0394	-.0092	.0191	.0397	.1952	.0918	.1231	.1160	.0502	.0332	.0687	.2016	.1937	.1117	.2517
-1.20000	.0201	-.0168	-.0164	.0323	.1844	.0721	.1293	.0572	-.0250	.0047	.0640	.1479	.1885	.1136	.2453
-.40000	-.0162	-.0050	-.0096	.0097	.1416	.0587	.1536	.1980	.0778	.0148	.0660	.1141	.1327	.1117	.2114

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2446	.2435	.1916	.2181
-1.20000	.2254	.2355	.1866	.2187
-.40000	.2075	.2336	.1790	.2047

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW48)

MACH (6) = 1.245 RN/L (1) = 4.505 P = 819.73 PT = 2109.8 TTF = 90.372 Q = 889.64

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0642	.0322	.0330	.0295	.0391	.0368	.0420	.0372	.0495	.0303	.0577	.0683	.0366	.0317	.0526
-1.20000	.0602	.0307	.0365	.0285	.0339	.0266	.0391	.0290	.0401	.0088	.0210	.0599	.0317	.0307	.0555
-.40000	.0391	.0225	.0329	.0349	.1120	.0167	.0267	.0189	.0431	.0049	.0476	.0668	.0347	.0322	.0534

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0422	-.0194	.0108	.0331	.1770	.0950	.1265	.1083	.0467	.0285	.0673	.1872	.1458	.1115	.3125
-1.20000	.0276	-.0207	-.0117	.0243	.1735	.0685	.1133	.0466	-.0201	.0144	.0686	.1472	.1445	.1202	.3107
-.40000	-.0061	-.0092	-.0092	-.0001	.1268	.0617	.1126	.1761	.0733	.0293	.0822	.1048	.0839	.0817	.2644

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.3194	.2824	.1714	.2382
-1.20000	.3046	.2708	.1611	.2436
-.40000	.2617	.2524	.1623	.2191

MACH (7) = 1.407 RN/L (1) = 4.519 P = 664.83 PT = 2137.4 TTF = 87.984 Q = 921.55

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0730	.0296	.0249	.0164	.0262	.0348	.0237	.0340	.0292	.0162	.0403	.0483	.0261	.0189	.0431
-1.20000	.0552	.0260	.0236	.0161	.0178	.0216	.0245	.0229	.0295	-.0087	.0065	.0451	.0246	.0200	.0442
-.40000	.0316	.0203	.0230	.0315	.0658	.0092	.0118	.0145	.0249	-.0170	.0318	.0522	.0187	.0206	.0448

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0290	-.0249	-.0058	.0268	.1582	.0494	.0331	.0930	.0500	.0260	.0282	.1434	.1091	.0517	.1134
-1.20000	.0227	-.0283	-.0224	.0187	.1417	.0405	.0303	.0291	-.0318	-.0076	.0268	.1138	.1021	.0345	.0910
-.40000	.0090	-.0164	-.0144	.0096	.0994	.0338	.0394	.1652	.0761	.0180	.0175	.0321	.0920	.0074	.0717

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1372	.0700	.1292	.0623
-1.20000	.0805	.0761	.1137	.0508
-.40000	.0342	.0412	.0553	.0378

OA-252 (P90) TILE WALL PRESS 90 DEG PANEL (R3TW49) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .067 STEP-F = .000
STEP-A = .000

MACH (1) = 1.401 RN/L (1) = 4.523 P = 671.20 PT = 2139.5 TTF = 88.469 Q = 922.38

SECTION (1)90 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0595	.0203	.0360	.0222	.0380	.0327	.0213	.0322	.0261	.0171	.0454	.0530	.0240	.0174	.0449
-1.20000	.0651	.0144	.0379	.0256	.0371	.0203	.0185	.0224	.0294	-.0084	.0103	.0475	.0298	.0175	.0455
-.40000	.0425	.0119	.0330	.0337	.0506	.0064	.0041	.0096	.0261	-.0237	.0351	.0541	.0259	.0174	.0405

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0280	-.0237	-.0023	.0203	.1505	.0564	.0296	.0930	.0546	.0256	.0298	.1433	.1083	.0438	.1068
-1.20000	.0281	-.0282	-.0229	.0189	.1417	.0411	.0296	.0331	-.0303	-.0050	.0188	.1047	.0986	.0362	.1082
-.40000	.0138	-.0162	-.0145	.0131	.1039	.0347	.0402	.1609	.0738	.0198	.0072	.0287	.0637	.0062	.0396

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1398	.0631	.1276	.0612
-1.20000	.0794	.0507	.1151	.0636
-.40000	.0286	.0478	.0517	.0368

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW50) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-Φ = .000
STEP-A = .000

MACH (1) = .603 RN/L (1) = 2.017 P = 937.84 PT = 1198.8 TTF = 70.536 Q = 238.51

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0227	.0103	.0215	.0241	.0246	.0173	.0199	.0107	.0315	-.0127	-.0075	.0920	.0255	.0169	.0332
-1.20000	.0221	.0179	.0191	.0324	.0264	.0185	.0193	.0113	.0286	-.0092	-.0224	.0622	.0261	.0181	.0327
-.40000	.0227	.0085	.0132	.0312	.0300	.0108	.0187	.0036	.0274	.0413	-.0260	.0675	.0326	.0157	.0421

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0263	.0801	.0851	.0267	.0441	.0268	.0310	.2419	-.0703	.1240	.0207	.0274	-.0303	.0237	.0287
-1.20000	.0257	-.0091	-.0021	.0231	.0299	.0350	.0333	.1781	-.0962	-.0073	.0249	.0286	-.0362	.0237	.0234
-.40000	.0245	.1599	.0556	.0267	.0205	.0362	.0363	.2897	-.0874	.0003	.0184	.0351	-.0444	.0142	.0183

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0215	.0263	.0162	.0184
-1.20000	.0109	.0215	.0145	.0083
-.40000	.0121	.0263	.0251	.0207

MACH (2) = .929 RN/L (1) = 2.035 P = 546.72 PT = 954.81 TTF = 70.361 Q = 330.44

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0681	.0659	.0681	.0742	.0779	.0779	.0670	.0755	.0809	.0506	.0545	.1367	.0755	.0757	.0903
-1.20000	.0672	.0581	.0706	.0738	.0757	.0663	.0683	.0613	.0788	.0377	.0389	.1107	.0755	.0749	.0847
-.40000	.0719	.0639	.0655	.0742	.0740	.0741	.0761	.0669	.0753	.0957	.0389	.1151	.0729	.0706	.0860

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0780	.1043	.1309	.0729	.0966	.0847	.0820	.2612	.0115	.1392	.0729	.0850	.0346	.0686	.0785
-1.20000	.0906	.0399	.0518	.0712	.0826	.0886	.0863	.2094	-.0098	.0410	.0781	.0803	.0179	.0695	.0759
-.40000	.0863	.1926	.1031	.0738	.0749	.0817	.0846	.3160	-.0081	.0833	.0695	.0888	.0115	.0656	.0759

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW50)

MACH (2) = .929 RN/L (1) = 2.035

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0654	.0833	.0820	.0692
-1.20000	.0701	.0799	.0662	.0601
-.40000	.0619	.0706	.0773	.0626

MACH (3) = 1.103 RN/L (1) = 2.008 P = 422.24 PT = 904.60 TTF = 71.478 Q = 359.39

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0295	.0254	.0175	.0314	.0344	.0317	.0324	.0249	.0721	.0078	.0173	.0953	.0378	.0340	.0515
-1.20000	.0277	.0270	.0230	.0330	.0392	.0321	.0352	.0292	.0705	-.0005	.0078	.0738	.0366	.0395	.0542
-.40000	.0254	.0265	.0171	.0295	.0316	.0262	.0368	.0269	.0576	.0421	.0094	.0766	.0410	.0352	.0530

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0840	.0442	.0932	.0324	.1400	.0491	.1412	.1925	-.0298	.0694	.0320	.1506	.0227	.0359	.1344
-1.20000	.0941	-.0037	.0180	.0343	.1322	.0503	.1377	.1599	-.0232	-.0044	.0335	.1161	.0200	.0382	.1371
-.40000	.0706	.1047	.0530	.0320	.1141	.0420	.1396	.2310	-.0197	.0399	.0272	.1506	.0133	.0272	.1245

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0592	.1647	.0534	.0386
-1.20000	.0486	.1678	.0693	.0335
-.40000	.0443	.1733	.0612	.0308

MACH (4) = 1.247 RN/L (1) = 2.000 P = 349.39 PT = 901.77 TTF = 74.824 Q = 380.47

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0143	.0113	.0165	.0199	.0243	.0161	.0190	.0136	.0573	-.0007	.0013	.0710	.0177	.0203	.0341
-1.20000	.0143	.0120	.0158	.0191	.0243	.0184	.0164	.0147	.0536	-.0051	-.0032	.0533	.0177	.0252	.0333
-.40000	.0143	.0091	.0143	.0187	.0228	.0143	.0202	.0140	.0421	.0139	.0047	.0514	.0155	.0218	.0318

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0684	.0322	.0675	.0140	.1168	.0341	.1165	.1192	-.0133	.0423	.0147	.0943	.0193	.0259	.1185
-1.20000	.0654	-.0042	.0070	.0140	.1191	.0274	.1121	.1018	-.0118	-.0051	.0140	.0728	.0164	.0203	.1174

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW50)

MACH (4) = 1.247 RN/L (1) = 2.000

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0558	.0838	.0252	.0140	.0831	.0229	.0917	.1776	-.0163	.0108	.0133	.1210	.0104	.0237	.0810

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0416	.1747	.0398	.0311
-1.20000	.0431	.1529	.0424	.0252
-.40000	.0342	.1469	.0373	.0237

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW51) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 4.515 P = 2159.3 PT = 2757.6 TTF = 81.292 Q = 547.01

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0280	.0208	.0226	.0253	.0130	.0213	.0029	.0109	.0314	-.0253	-.0133	.0921	.0320	.0296	.0408
-1.20000	.0213	.0187	.0213	.0284	.0135	.0344	.0006	.0214	.0378	-.0196	-.0401	.0491	.0371	.0173	.0372
-.40000	.0306	.0131	.0159	.0338	.0181	.0303	.0045	.0178	.0213	.0346	-.0388	.0622	.0309	.0294	.0495

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0799	.0883	.0878	.0330	.0980	.0308	.0939	.2881	-.0647	.1345	.0315	.0868	-.0293	.0219	.0393
-1.20000	.0730	-.0166	-.0119	.0263	.0561	.0495	.0994	.2117	-.0954	-.0201	.0351	.0884	-.0565	.0237	.0319
-.40000	.0774	.1901	.0571	.0374	.0327	.0520	.0939	.3092	-.0875	.0081	.0296	.0978	-.0575	.0232	.0342

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0209	.0914	.0978	.0196
-1.20000	.0145	.0950	.0986	.0219
-.40000	.0094	.0865	.1041	.0211

MACH (2) = .799 RN/L (1) = 4.478 P = 1528.4 PT = 2326.9 TTF = 95.802 Q = 682.54

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0185	.0169	.0251	.0305	.0205	.0231	.0170	.0112	.0426	-.0016	-.0064	.0851	.0360	.0340	.0441
-1.20000	.0218	.0167	.0181	.0402	.0248	.0216	.0078	.0046	.0433	-.0165	-.0301	.0555	.0308	.0394	.0527
-.40000	.0146	.0070	.0128	.0338	.0165	.0231	.0174	.0091	.0356	.0452	-.0340	.0669	.0352	.0363	.0445

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0751	.0767	.0893	.0244	.0944	.0318	.0802	.2571	-.0556	.1239	.0310	.0872	-.0285	.0337	.0567
-1.20000	.0613	-.0094	-.0055	.0252	.0602	.0505	.0909	.1980	-.0761	-.0154	.0339	.0857	-.0451	.0285	.0544
-.40000	.0657	.1720	.0605	.0223	.0396	.0554	.0868	.3175	-.0745	.0232	.0211	.0912	-.0507	.0271	.0505

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW51)

MACH (2) = .799 RN/L (1) = 4.478

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0203	.0874	.0806	.0318
-1.20000	.0213	.0861	.0767	.0327
-.40000	.0213	.0824	.0803	.0339

MACH (3) = .903 RN/L (1) = 4.498 P = 1312.7 PT = 2228.6 TTF = 88.711 Q = 750.05

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0196	.0134	.0284	.0274	.0226	.0267	.0044	.0170	.0292	-.0033	-.0080	.0808	.0306	.0256	.0479
-1.20000	.0230	.0061	.0194	.0369	.0241	.0215	.0141	.0101	.0316	-.0167	-.0292	.0573	.0295	.0284	.0479
-.40000	.0207	.0098	.0113	.0302	.0177	.0207	.0120	.0071	.0248	.0355	-.0307	.0624	.0293	.0278	.0450

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0687	.0650	.0891	.0248	.0869	.0279	.0811	.2293	-.0479	.1001	.0274	.0773	-.0350	.0313	.0384
-1.20000	.0560	-.0184	.0019	.0293	.0492	.0423	.0832	.1885	-.0701	-.0133	.0202	.0717	-.0617	.0280	.0420
-.40000	.0592	.1727	.0517	.0263	.0312	.0474	.0735	.3021	-.0630	.0290	.0244	.0765	-.0585	.0185	.0450

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0191	.0707	.0671	.0266
-1.20000	.0170	.0783	.0637	.0287
-.40000	.0133	.0669	.0653	.0202

MACH (4) = 1.055 RN/L (1) = 4.483 P = 1024.1 PT = 2068.8 TTF = 78.130 Q = 797.45

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0631	.0307	.0307	.0428	.0306	.0500	.0321	.0272	.1680	.0360	.0306	.1192	.0391	.0812	.0508
-1.20000	.0548	.0297	.0309	.0456	.0308	.0344	.0299	.0217	.1597	.0231	.0176	.0950	.0391	.0792	.0501
-.40000	.0512	.0205	.0242	.0414	.0237	.0249	.0283	.0029	.1498	.0581	.0222	.0939	.0409	.1035	.0477

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1841	.0801	.1164	.0419	.2306	.0766	.2335	.2060	-.0176	.0847	.0373	.2116	.1139	.0825	.2186
-1.20000	.1620	.0117	.0381	.0388	.2149	.0748	.2257	.1458	-.0047	.0135	.0345	.1976	.1062	.0809	.2092

OA-252 (F45) TILE WALL PRESS 45 DEG PANEL (R3TW51)

MACH (4) = 1.055 RN/L (1) = 4.483

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.1616	.1424	.0649	.0366	.1986	.0748	.2204	.2225	.0029	.0530	.0283	.2323	.1131	.0692	.1968

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1390	.2397	.1659	.0763
-1.20000	.1333	.2365	.1738	.0739
-.40000	.1139	.2459	.1758	.0742

MACH (5) = 1.102 RN/L (1) = 4.535 P = 972.50 PT = 2080.8 TTF = 78.895 Q = 826.20

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0488	.0232	.0121	.0378	.0189	.0428	.0216	.0102	.1320	.0206	.0232	.1007	.0207	.0477	.0360
-1.20000	.0428	.0138	.0148	.0330	.0159	.0428	.0245	.0085	.1253	.0129	.0154	.0809	.0260	.0594	.0258
-.40000	.0411	.0138	.0147	.0391	.0166	.0300	.0225	.0038	.0969	.0501	.0166	.0906	.0232	.0630	.0309

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1609	.0496	.0967	.0290	.2194	.0610	.2257	.1915	-.0160	.0639	.0393	.1997	.0724	.0566	.2044
-1.20000	.1516	.0030	.0307	.0246	.2109	.0627	.2185	.1252	-.0088	.0111	.0277	.1930	.0650	.0564	.2046
-.40000	.1642	.1393	.0581	.0222	.2019	.0595	.2204	.2135	-.0049	.0519	.0273	.2308	.0724	.0562	.1811

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1149	.2446	.1398	.0559
-1.20000	.1025	.2461	.1487	.0566
-.40000	.0833	.2455	.1661	.0448

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW51)

MACH (6) = 1.251 RN/L (1) = 4.515 P = 799.92 PT = 2075.8 TTF = 82.716 Q = 876.79

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0172	.0116	.0186	.0162	.0177	.0143	.0101	.0120	.0522	-.0009	-.0022	.0697	.0213	.0211	.0275
-1.20000	.0194	.0138	.0167	.0157	.0184	.0103	.0134	.0126	.0509	-.0104	-.0096	.0535	.0223	.0266	.0283
-.40000	.0213	.0114	.0156	.0174	.0163	.0119	.0075	.0140	.0432	.0082	-.0049	.0481	.0213	.0301	.0179

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0929	.0213	.0650	.0197	.1181	.0289	.1464	.1563	-.0286	.0336	.0174	.1106	.0081	.0289	.0721
-1.20000	.0717	-.0147	.0049	.0203	.0985	.0296	.1342	.1066	-.0151	-.0134	.0210	.0885	.0156	.0224	.0800
-.40000	.0941	.0937	.0272	.0213	.0831	.0219	.1347	.1839	-.0222	.0140	.0169	.1497	-.0081	.0229	.0617

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0386	.1366	.0385	.0271
-1.20000	.0331	.1143	.0425	.0213
-.40000	.0254	.0989	.0539	.0224

MACH (7) = 1.402 RN/L (1) = 4.528 P = 663.42 PT = 2116.9 TTF = 83.583 Q = 912.63

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0119	.0135	.0212	.0138	.0153	.0078	.0039	.0144	.0391	-.0099	-.0106	.0689	.0195	.0186	.0287
-1.20000	.0153	.0125	.0175	.0145	.0160	.0108	.0075	.0175	.0410	-.0133	-.0158	.0505	.0229	.0115	.0275
-.40000	.0113	.0113	.0172	.0129	.0139	.0104	.0073	.0174	.0377	.0111	-.0048	.0539	.0226	.0125	.0266

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0448	.0275	.0804	.0203	.0679	.0224	.0754	.1440	-.0250	.0260	.0209	.0399	.0070	.0239	.0339
-1.20000	.0386	-.0155	-.0016	.0226	.0537	.0184	.0541	.1151	-.0218	-.0177	.0211	.0402	.0111	.0220	.0425
-.40000	.0368	.0998	.0272	.0200	.0363	.0172	.0660	.1800	-.0263	.0180	.0194	.0816	.0090	.0161	.0249

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0196	.0386	.0120	.0158
-1.20000	.0251	.0487	.0151	.0164
-.40000	.0213	.0290	.0123	.0146

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW52) (11 APR 80)

REFERENCE DATA

SREF =	.0000 SQ.FT.	XMRP =	.0000 IN. XO	HWALL =	.002	PANEL =	45.000
LREF =	.0000 INCHES	YMRP =	.0000 IN. YO	GAP =	.030	STEP-F =	.000
BREF =	.0000 INCHES	ZMRP =	.0000 IN. ZO	STEP-A =	.000		
SCALE =	.6670						

PARAMETRIC DATA

MACH (1) = 1.252 RN/L (1) = 4.526 P = 799.92 PT = 2076.5 TTF = 81.778 Q = 877.15

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0208	.0171	.0176	.0182	.0174	.0174	.0111	.0155	.0487	-.0011	-.0036	.0751	.0202	.0240	.0254
-1.20000	.0179	.0147	.0168	.0150	.0174	.0139	.0140	.0137	.0516	-.0071	-.0088	.0550	.0187	.0222	.0262
-.40000	.0153	.0095	.0185	.0203	.0184	.0062	.0142	.0129	.0448	.0169	.0037	.0627	.0202	.0309	.0169

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0526	.0326	.0749	.0213	.1015	.0255	.1252	.1620	-.0270	.0375	.0239	.0852	.0081	.0261	.0920
-1.20000	.0005	-.0141	.0054	.0202	.1050	.0272	.1045	.1056	-.0191	-.0106	.0210	.0655	.0155	.0239	.0897
-.40000	.0720	.0990	.0323	.0181	.0720	.0272	.1039	.1894	-.0213	.0159	.0153	.1200	-.0020	.0266	.0586

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0460	.1073	.0269	.0216
-1.20000	.0342	.1011	.0271	.0229
-.40000	.0310	.0913	.0336	.0213

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW53) (11 APR 80)

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 = .6570

PARAMETRIC DATA

HWALL = .002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 5.925 P = 2843.9 PT = 3628.3 TTF = 81.709 Q = 717.34

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0199	.0161	.0200	.0223	.0155	.0232	-.0097	.0104	.0346	-.0546	-.0301	.0791	.0342	.0234	.0402
-1.20000	.0199	.0136	.0122	.0278	.0092	.0193	-.0148	.0037	.0255	-.0450	-.0470	.0485	.0250	.0172	.0367
-.40000	.0161	.0081	.0173	.0345	.0139	.0177	-.0034	.0014	.0275	.0312	-.0543	.0406	.0341	.0227	.0431

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1164	.0766	.0922	.0260	.0925	.0197	.1254	.2763	-.0700	.1340	.0341	.1208	-.0461	.0195	.0328
-1.20000	.1116	-.0351	-.0260	.0274	.0580	.0408	.1236	.1895	-.0982	-.0234	.0268	.1252	-.0649	.0211	.0173
-.40000	.1143	.1805	.0564	.0222	.0152	.0562	.1245	.2913	-.0970	.0063	.0274	.1226	-.0745	.0270	.0259

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0090	.1317	.1166	.0224
-1.20000	.0086	.1324	.1259	.0124
-.40000	-.0031	.1146	.1268	.0114

MACH (2) = .899 RN/L (1) = 6.004 P = 1762.5 PT = 2976.9 TTF = 88.158 Q = 996.50

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0203	.0179	.0200	.0235	.0189	.0275	.0076	.0178	.0310	-.0024	.0002	.0827	.0286	.0242	.0431
-1.20000	.0223	.0177	.0163	.0363	.0208	.0209	.0057	.0082	.0439	-.0277	-.0258	.0580	.0397	.0279	.0455
-.40000	.0203	.0141	.0185	.0343	.0202	.0141	.0072	.0025	.0257	.0316	-.0318	.0599	.0322	.0352	.0475

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0544	.0626	.0644	.0269	.0897	.0359	.0698	.2370	-.0521	.0993	.0293	.0798	-.0309	.0248	.0392
-1.20000	.0527	-.0088	-.0072	.0309	.0547	.0468	.0749	.1967	-.0676	-.0157	.0300	.0684	-.0585	.0238	.0476
-.40000	.0623	.1724	.0517	.0275	.0197	.0531	.0686	.2949	-.0632	.0249	.0281	.0776	-.0681	.0322	.0401

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW53)

MACH (2) = .899 RN/L (1) = 6.004

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0204	.0777	.0608	.0259
-1.20000	.0201	.0774	.0572	.0238
-.40000	.0131	.0608	.0563	.0220

MACH (3) = 1.100 RN/L (1) = 6.020 P = 1293.6 PT = 2761.9 TTF = 78.756 Q = 1095.5

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0409	.0144	.0075	.0326	.0182	.0384	.0160	.0067	.1167	.0132	.0097	.0869	.0271	.0378	.0427
-1.20000	.0368	.0081	.0157	.0410	.0214	.0372	.0139	.0026	.0983	.0039	.0044	.0739	.0229	.0445	.0446
-.40000	.0340	.0148	.0085	.0386	.0123	.0281	.0115	-.0018	.0817	.0417	.0020	.0745	.0232	.0565	.0505

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1326	.0563	.0947	.0299	.1986	.0453	.2084	.1906	-.0362	.0629	.0291	.1818	.0351	.0493	.1610
-1.20000	.1250	-.0057	.0166	.0291	.1828	.0487	.2069	.1284	-.0190	-.0023	.0218	.1532	.0251	.0502	.1844
-.40000	.1198	.1262	.0518	.0183	.1446	.0684	.1967	.2495	-.0177	.0362	.0421	.2232	.0243	.0464	.1566

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0699	.2378	.1013	.0425
-1.20000	.0742	.2281	.1292	.0424
-.40000	.0533	.1876	.1161	.0394

MACH (4) = 1.246 RN/L (1) = 6.014 P = 1074.3 PT = 2769.0 TTF = 83.340 Q = 1167.9

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0215	.0113	.0140	.0145	.0128	.0205	.0084	.0120	.0858	-.0022	-.0047	.0641	.0190	.0240	.0194
-1.20000	.0203	.0087	.0116	.0174	.0167	.0111	.0149	.0103	.0794	-.0055	-.0113	.0483	.0178	.0387	.0218
-.40000	.0232	.0070	.0106	.0178	.0155	.0017	.0101	.0084	.0636	.0148	.0022	.0577	.0165	.0514	.0131

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0893	.0247	.0737	.0190	.1840	.0277	.1781	.1486	-.0245	.0197	.0188	.1568	.0223	.0285	.1169
-1.20000	.0635	-.0136	.0064	.0169	.1816	.0297	.1317	.1019	-.0152	-.0094	.0169	.1044	.0091	.0265	.1232

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW53)

MACH (4) = 1.246 RN/L (1) = 6.014

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0490	.1019	.0322	.0173	.1266	.0266	.1263	.1824	-.0170	.0230	.0096	.1690	.0150	.0275	.1184

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0620	.2069	.0435	.0314
-1.20000	.0488	.2175	.0498	.0321
-.40000	.0512	.1927	.0669	.0277

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW54) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.412 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 2.015 P = 943.50 PT = 1205.2 TTF = 72.663 Q = 239.22

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0051	.0051	.0086	.0181	.0171	.0063	-.0144	.0125	-.0008	-.0412	-.0423	.0777	.0278	-.0083	.0242
-1.20000	.0104	.0004	.0092	.0234	.0106	.0063	.0023	.0131	-.0102	-.0400	-.0648	.0391	.0148	-.0083	.0218
-.40000	.0015	.0039	.0110	.0175	.0165	.0051	-.0025	.0148	-.0061	.0216	-.0732	.0605	.0237	-.0112	.0242

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	-.0234	.0453	.0577	.0166	.0117	.0130	-.0123	.2837	-.1075	.1011	.0154	-.0240	-.0734	-.0076	-.0409
-1.20000	-.0240	-.0495	-.0311	.0172	-.0095	.0230	-.0176	.2113	-.1427	-.0463	.0107	-.0258	-.0375	.0018	-.0403
-.40000	-.0181	.1884	.0312	.0119	-.0348	.0171	-.0240	.3515	-.1310	-.0146	.0172	-.0099	-.1028	-.0064	-.0438

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	-.0416	-.0299	-.0193	-.0241
-1.20000	-.0358	-.0511	-.0146	-.0277
-.40000	-.0252	-.0458	-.0081	-.0224

MACH (2) = .899 RN/L (1) = 1.998 P = 565.82 PT = 955.52 TTF = 73.186 Q = 319.80

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0200	.0183	.0245	.0261	.0274	.0183	.0158	.0198	.0183	.0017	.0020	.0967	.0242	.0209	.0423
-1.20000	.0165	.0192	.0223	.0350	.0310	.0130	.0163	.0158	.0183	-.0258	-.0177	.0730	.0251	.0240	.0489
-.40000	.0156	.0152	.0223	.0315	.0310	.0156	.0194	.0180	.0165	.0350	-.0159	.0775	.0268	.0253	.0454

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0156	.0527	.1006	.0308	.0390	.0427	.0156	.2513	-.0545	.0818	.0286	.0156	-.0320	.0224	.0055
-1.20000	.0161	-.0254	-.0050	.0251	.0205	.0410	.0156	.1974	-.0651	-.0272	.0304	.0161	-.0461	.0233	.0050
-.40000	.0156	.1665	.0441	.0229	.0072	.0312	.0130	.3415	-.0651	.0319	.0242	.0249	-.0594	.0180	.0001

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW54)

MACH (2) = .899 RN/L (1) = 1.998

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0068	.0006	.0050	.0136
-1.20000	.0072	.0024	.0041	.0127
-.40000	.0121	-.0003	.0183	.0052

MACH (3) = 1.102 RN/L (1) = 2.005 P = 422.24 PT = 903.89 TTF = 71.792 Q = 359.99

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0355	.0289	.0320	.0417	.0424	.0328	.0416	.0275	.0155	.0251	.0260	.1416	.0455	.0339	.0696
-1.20000	.0351	.0298	.0257	.0425	.0424	.0336	.0412	.0290	.0147	.0050	.0157	.1010	.0507	.0323	.0696
-.40000	.0320	.0253	.0241	.0393	.0476	.0289	.0396	.0188	.0131	.0638	.0181	.0954	.0526	.0291	.0704

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0118	.0681	.1350	.0424	.0217	.0720	.0052	.2524	-.0044	.0757	.0385	.0036	-.0048	.0353	-.0050
-1.20000	.0095	.0048	.0248	.0400	.0028	.0638	-.0035	.2016	-.0162	.0022	.0369	-.0019	-.0099	.0400	-.0086
-.40000	.0032	.1605	.0641	.0377	-.0110	.0938	.0001	.3736	-.0206	.0482	.0290	.0134	-.0155	.0385	-.0113

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0018	.0005	-.0105	.0129
-1.20000	-.0021	-.0035	-.0093	.0125
-.40000	-.0037	-.0086	-.0156	.0101

MACH (4) = 1.248 RN/L (1) = 2.014 P = 349.39 PT = 903.18 TTF = 72.524 Q = 381.19

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0123	.0112	.0193	.0187	.0245	.0134	.0185	.0179	.0219	-.0048	-.0036	.1063	.0205	.0198	.0378
-1.20000	.0141	.0115	.0167	.0216	.0260	.0138	.0185	.0194	.0208	-.0085	-.0108	.0793	.0190	.0187	.0393
-.40000	.0126	.0130	.0167	.0216	.0253	.0097	.0174	.0168	.0193	.0220	.0024	.0737	.0168	.0187	.0375

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0226	.0424	.1012	.0179	.0461	.0323	.0230	.2143	-.0208	.0473	.0168	.0197	.0022	.0205	.0105
-1.20000	.0223	-.0087	.0074	.0187	.0246	.0323	.0182	.1636	-.0230	-.0141	.0176	.0171	-.0015	.0179	.0120

OA-252 (P45) TILE WALL PRESS. 45 DEG PANEL (R3TW54)

MACH (4) = 1.248 RN/L (1) = 2.014

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0223	.1312	.0408	.0169	.0124	.0323	.0197	.3277	-.0267	.0310	.0165	.0256	.0007	.0187	.0102

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0147	.0115	.0052	.0116
-1.20000	.0129	.0101	.0067	.0131
-.40000	.0125	.0071	.0064	.0139

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW55) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.382 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 4.465 P = 2164.2 PT = 2759.8 TTF = 85.352 Q = 544.74

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0109	.0125	.0166	.0200	.0161	.0058	-.0220	.0095	-.0043	-.0565	-.0575	.0880	.0245	.0088	.04[illegible]5
-1.20000	.0089	.0076	.0120	.0259	.0083	.0109	-.0129	.0100	-.0059	-.0524	-.0803	.0427	.0232	.0042	.0427
-.40000	.0058	-.0028	.0069	.0293	.0127	-.0017	-.0119	-.0081	-.0028	.0254	-.0904	.0570	.0349	.0034	.0427

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1191	.0790	.0861	.0279	.0816	-.0023	.1070	.3338	-.1016	.1638	.0279	.1012	-.0769	.0017	-.0284
-1.20000	.1070	-.0537	-.0420	.0227	.0243	.0298	.0918	.2480	-.1367	-.0450	.0232	.1000	-.1078	-.0001	-.0317
-.40000	.1106	.2231	.0491	.0206	-.0160	.0427	.0979	.4858	-.1480	-.0206	.0147	.1179	-.1104	.0009	-.0333

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	-.0126	.0933	.1148	-.0055
-1.20000	-.0113	.0973	.1115	-.0011
-.40000	-.0182	.1045	.1106	-.0001

MACH (2) = .800 RN/L (1) = 4.474 P = 1541.1 PT = 2348.8 TTF = 90.407 Q = 690.11

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0159	.0163	.0304	.0307	.0274	.0173	.0038	.0116	.0175	.0036	-.0120	.0930	.0257	.0279	.0536
-1.20000	.0196	.0104	.0222	.0438	.0261	.0192	.0050	.0116	.0124	-.0355	-.0401	.0624	.0214	.0292	.0540
-.40000	.0132	.0092	.0198	.0410	.0237	.0136	.0026	.0034	.0134	.0334	-.0555	.0692	.0300	.0285	.0550

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0387	.0688	.1070	.0257	.1014	.0260	.0258	.3057	-.0660	.1145	.0296	.0376	-.0498	.0202	.0119
-1.20000	.0364	-.0353	-.0147	.0267	.0541	.0491	.0300	.2420	-.0917	-.0366	.0294	.0363	-.0632	.0220	.0098
-.40000	.0317	.2112	.0495	.0245	.0136	.0479	.0199	.3432	-.0835	.0194	.0234	.0429	-.0801	.0177	-.0012

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW55)

MACH (2) = .800 RN/L (1) = 4.474

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0135	.0273	.0279	.0193
-1.20000	.0098	.0233	.0342	.0177
-.40000	.0039	.0296	.0532	.0255

MACH (3) = .897 RN/L (1) = 4.428 P = 1321.9 PT = 2227.9 TTF = 94.000 Q = 744.09

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0307	.0175	.0245	.0291	.0306	.0241	.0135	.0168	.0253	.0155	-.0078	.0986	.0326	.0297	.0548
-1.20000	.0315	.0147	.0235	.0372	.0241	.0234	.0085	.0136	.0251	-.0388	-.0322	.0701	.0282	.0278	.0509
-.40000	.0270	.0190	.0243	.0394	.0245	.0182	.0135	.0043	.0222	.0427	-.0318	.0724	.0347	.0280	.0539

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0915	.0679	.1114	.0381	.0991	.0262	.0928	.2839	-.0495	.0940	.0320	.0974	-.0414	.0220	.0159
-1.20000	.0904	-.0314	-.0110	.0370	.0490	.0456	.0849	.2221	-.0693	-.0336	.0316	.1004	-.0559	.0231	.0161
-.40000	.1000	.1776	.0512	.0352	.0187	.0582	.0874	.3628	-.0676	.0401	.0354	.1013	-.0593	.0239	.0131

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0095	.0902	.0768	.0212
-1.20000	.0143	.0866	.0800	.0168
-.40000	.0058	.0883	.1004	.0186

MACH (4) = 1.048 RN/L (1) = 4.528 P = 1045.9 PT = 2097.1 TTF = 79.277 Q = 804.49

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0254	.0116	.0217	.0192	.0218	.0158	.0117	.0258	.0326	.0190	.0013	.1157	.0286	.0419	.0261
-1.20000	.0207	.0079	.0203	.0151	.0212	.0161	.0152	.0205	.0315	-.0051	-.0068	.0982	.0272	.0384	.0243
-.40000	.0131	.0066	.0147	.0155	.0175	.0095	.0101	.0149	.0263	.0376	.0073	.0931	.0237	.0445	.0257

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0328	.0657	.1143	.0188	.0815	.0572	.0284	.2654	-.0243	.0787	.0163	.0264	.0001	.0514	.0179
-1.20000	.0296	-.0103	.0138	.0152	.0352	.0785	.0182	.1953	-.0273	-.0130	.0089	.0242	-.0063	.0456	.0176

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW55)

MACH (4) = 1.048 RN/L (1) = 4.526

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0271	.1789	.0605	.0075	.0069	.0792	.0170	.3193	-.0153	.0612	.0040	.0329	-.0228	.0463	.0174

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0193	.0277	.0158	.0397
-1.20000	.0216	.0284	.0166	.0353
-.40000	.0137	.0213	.0206	.0318

MACH (5) = 1.101 RN/L (1) = 4.512 P = 973.20 PT = 2079.4 TTF = 80.632 Q = 825.09

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0336	.0271	.0333	.0420	.0257	.0333	.0278	.0227	.0207	.0171	.0065	.1216	.0415	.0285	.0626
-1.20000	.0340	.0283	.0261	.0409	.0271	.0329	.0299	.0177	.0189	-.0017	.0025	.0959	.0376	.0281	.0690
-.40000	.0304	.0224	.0201	.0430	.0319	.0249	.0280	.0172	.0191	.0416	.0077	.0925	.0550	.0274	.0724

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0197	.0549	.1135	.0408	.0698	.0665	.0121	.2261	-.0108	.0619	.0425	.0138	-.0011	.0429	.0065
-1.20000	.0217	-.0033	.0172	.0458	.0186	.0748	.0025	.1832	-.0164	-.0089	.0396	.0090	-.0024	.0401	.0043
-.40000	.0183	.1402	.0537	.0333	-.0106	.0810	.0012	.3495	-.0259	.0493	.0340	.0222	-.0096	.0362	-.0005

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0047	.0154	.0094	.0227
-1.20000	.0051	.0128	.0058	.0213
-.40000	.0003	.0104	.0042	.0172

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW55)

MACH (6) = 1.250 RN/L (1) = 4.519 P = 814.07 PT = 2109.1 TTF = 88.850 Q = 890.54

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0199	.0224	.0272	.0253	.0291	.0197	.0183	.0264	.0278	-.0002	.0033	.1042	.0308	.0231	.0385
-1.20000	.0193	.0210	.0265	.0253	.0288	.0199	.0175	.0267	.0259	-.0123	-.0109	.0762	.0298	.0229	.0392
-.40000	.0196	.0202	.0265	.0347	.0283	.0183	.0183	.0270	.0262	.0272	-.0015	.0827	.0291	.0246	.0314

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0551	.0496	.1088	.0276	.0726	.0292	.0464	.2323	-.0197	.0487	.0286	.0437	.0038	.0219	.0133
-1.20000	.0521	-.0123	.0055	.0267	.0357	.0302	.0384	.1761	-.0233	-.0151	.0270	.0421	-.0025	.0208	.0139
-.40000	.0517	.1592	.0493	.0256	.0089	.0229	.0404	.3417	-.0247	.0375	.0240	.0537	-.0050	.0227	.0130

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0133	.0384	.0324	.0203
-1.20000	.0144	.0377	.0354	.0202
-.40000	.0110	.0349	.0370	.0178

MACH (7) = 1.397 RN/L (1) = 4.489 P = 667.66 PT = 2116.9 TTF = 87.430 Q = 912.55

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0192	.0172	.0284	.0221	.0261	.0202	.0159	.0306	.0264	-.0036	-.0051	.1043	.0372	.0231	.0387
-1.20000	.0181	.0176	.0278	.0198	.0260	.0193	.0168	.0295	.0247	-.0123	-.0135	.0739	.0357	.0228	.0387
-.40000	.0175	.0176	.0290	.0266	.0283	.0156	.0157	.0285	.0227	.0237	-.0035	.0760	.0380	.0247	.0387

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0288	.0467	.1020	.0309	.0665	.0282	.0253	.2274	-.0202	.0411	.0262	.0220	.0041	.0213	.0098
-1.20000	.0267	-.0114	.0030	.0293	.0316	.0292	.0242	.1847	-.0251	-.0168	.0275	.0200	.0053	.0200	.0066
-.40000	.0274	.1603	.0393	.0267	.0098	.0279	.0242	.3623	-.0280	.0373	.0241	.0293	.0001	.0206	.0065

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0136	.0115	.0115	.0140
-1.20000	.0112	.0105	.0089	.0140
-.40000	.0098	.0102	.0071	.0114

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW56) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.407 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .599 RN/L (1) = 5.921 P = 2872.9 PT = 3662.2 TTF = 85.456 Q = 722.09

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0065	.0034	.0178	.0062	-.0016	.0094	-.0188	.0089	-.0052	-.0454	-.0514	.0996	.0223	.0007	.0287
-1.20000	.0008	.0008	.0092	.0264	.0111	.0077	-.0149	.0062	-.0033	-.0546	-.0835	.0416	.0250	.0136	.0431
-.40000	.0063	-.0044	.0139	.0264	.0107	-.0009	-.0178	-.0051	-.0142	.0152	-.0764	.0502	.0262	.0052	.0431

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0246	.0762	.0891	.0232	.0881	-.0004	-.0003	.3152	-.1089	.1437	.0240	.0201	-.0837	.0066	-.0364
-1.20000	.0062	-.0431	-.0468	.0187	.0148	.0373	-.0022	.2838	-.1404	-.0498	.0187	.0158	-.1142	.0039	-.0248
-.40000	.0185	.2281	.0451	.0174	-.0229	.0470	-.0061	.3920	-.1423	-.0083	.0179	.0136	-.1039	.0076	-.0334

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	-.0083	-.0024	.0062	-.0014
-1.20000	-.0127	-.0028	.0117	-.0034
-.40000	-.0261	.0011	.0134	-.0069

MACH (2) = .901 RN/L (1) = 5.874 P = 1756.2 PT = 2973.4 TTF = 97.416 Q = 997.86

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0244	.0151	.0270	.0254	.0243	.0213	-.0045	.0154	.0236	-.0002	-.0839	-.0295	.0293	.0324	.0513
-1.20000	.0275	.0142	.0286	.0387	.0258	.0207	.0059	.0102	.0200	-.0389	-.0974	-.0343	.0268	.0300	.0545
-.40000	.0219	.0190	.0233	.0328	.0207	.0205	.0113	.0112	.0207	.0382	-.0850	-.0110	.0412	.0398	.0527

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0362	.0368	.0925	.0318	.0199	-.0458	.0285	.3043	-.0526	.0726	.0313	.0331	-.1147	.0270	-.0110
-1.20000	.0344	-.0368	-.0120	.0369	-.0213	-.0128	.0231	.2241	-.0710	-.0348	.0284	.0313	-.1237	.0292	.0130
-.40000	.0362	.1824	.0563	.0299	-.0447	.0068	.0267	.3843	-.0768	.0368	.0320	.0375	-.1172	.0260	.0105

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW56)

MACH (2) = .901 RN/L (1) = 5.874

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	-.1102	.0259	.0195	.0197
-1.20000	-.0998	.0179	.0172	.0248
-.40000	-.0848	.0204	.0334	.0157

MACH (3) = 1.102 RN/L (1) = 5.944 P = 1290.8 PT = 2762.6 TTF = 84.207 Q = 1097.1

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0295	.0213	.0248	.0268	.0236	.0290	.0244	.0148	.0258	.0153	.0119	.1322	.0264	.0343	.0422
-1.20000	.0308	.0207	.0245	.0295	.0251	.0272	.0224	.0071	.0205	.0003	.0069	.0943	.0233	.0359	.0537
-.40000	.0341	.0185	.0226	.0355	.0272	.0209	.0200	-.0065	.0150	.0439	.0090	.1088	.0272	.0359	.0647

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0203	.0620	.1227	.0196	.0741	.0887	.0114	.2326	-.0056	.0564	.0226	.0107	.0046	.0529	.0053
-1.20000	.0130	.0041	.0217	.0245	.0232	.0852	.0041	.2032	-.0174	.0008	.0160	.0099	-.0007	.0526	.0039
-.40000	.0240	.1634	.0631	.0215	-.0062	.1006	.0037	.4110	-.0185	.0627	.0134	.0225	-.0081	.0460	.0038

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0044	.0179	.0014	.0313
-1.20000	.0029	.0114	.0030	.0272
-.40000	-.0014	.0104	.0027	.0208

MACH (4) = 1.249 RN/L (1) = 5.899 P = 1070.1 PT = 2769.7 TTF = 91.409 Q = 1169.2

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0205	.0197	.0268	.0250	.0279	.0209	.0154	.0263	.0307	-.0095	.0020	.1056	.0301	.0266	.0362
-1.20000	.0169	.0189	.0249	.0252	.0283	.0191	.0176	.0257	.0286	-.0137	-.0103	.0761	.0307	.0229	.0362
-.40000	.0198	.0192	.0242	.0326	.0271	.0150	.0179	.0240	.0271	.0252	.0004	.0795	.0316	.0229	.0282

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0288	.0470	.1020	.0285	.0815	.0242	.0209	.2409	-.0226	.0500	.0266	.0188	.0042	.0204	.0160
-1.20000	.0268	-.0112	.0054	.0276	.0388	.0293	.0180	.1836	-.0249	-.0141	.0272	.0143	.0048	.0204	.0178

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW56)

MACH (4) = 1.249 RN/L (1) = 5.899

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0274	.1573	.0436	.0273	.0080	.0210	.0155	.3286	-.0272	.0363	.0232	.0293	-.0006	.0202	.0172

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0171	.0165	.0134	.0171
-1.20000	.0147	.0180	.0136	.0175
-.40000	.0145	.0165	.0129	.0171

OA-252 (P45+A) TILE WALL PRESS 45 DEG PANEL (R3TW57) (11 APR 80)

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 = .6570

PARAMETRIC DATA

HWALL = -.001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 4.510 P = 2122.5 PT = 2706.7 TTF = 73.047 Q = 534.37

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0245	.0224	.0213	.0402	.0246	.0232	.0230	.0157	.0313	.0232	.0347	.0347	.0202	.0271	.0269
-1.20000	.0274	.0274	.0192	.0395	.0198	.0197	.0204	.0125	.0345	.0214	.0302	.0347	.0191	.0218	.0249
-.40000	.0192	.0166	.0189	.0470	.0225	.0166	.0143	.0123	.0261	.0227	.0294	.0331	.0334	.0271	.0343

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0325	.0268	.0251	.0329	.0344	.0243	.0414	.0273	.0235	.0243	.0223	.0298	.0222	.0244	.0317
-1.20000	.0200	.0194	.0207	.0281	.0166	.0180	.0575	.0246	.0204	.0159	.0270	.0232	.0159	.0212	.0215
-.40000	.0179	.0194	.0154	.0181	.0234	.0170	.0575	.0288	.0159	.0067	.0202	.0309	.0167	.0170	.0220

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0156	.0354	.0256	.0218
-1.20000	.0274	.0264	.0216	.0202
-.40000	.0167	.0219	.0200	.0165

MACH (2) = .798 RN/L (1) = 4.559 P = 1551.0 PT = 2360.2 TTF = 84.069 Q = 691.75

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0187	.0166	.0182	.0249	.0125	.0270	.0203	.0232	.0264	.0227	.0365	.0309	.0234	.0167	.0202
-1.20000	.0199	.0129	.0195	.0384	.0199	.0199	.0193	.0191	.0293	.0159	.0356	.0317	.0214	.0180	.0263
-.40000	.0136	.0070	.0178	.0519	.0209	.0187	.0219	.0142	.0272	.0176	.0356	.0270	.0363	.0243	.0296

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0370	.0245	.0227	.0224	.0318	.0292	.0332	.0199	.0189	.0229	.0206	.0349	.0278	.0185	.0279
-1.20000	.0332	.0241	.0217	.0232	.0277	.0255	.0581	.0216	.0201	.0211	.0173	.0256	.0215	.0183	.0285
-.40000	.0332	.0121	.0251	.0118	.0245	.0267	.0424	.0179	.0095	.0128	.0112	.0283	.0254	.0173	.0183

OA-252 (P45+A) TILE WALL PRESS 45 DEG PANEL (R3TW57)

MACH (2) = .798 RN/L (1) = 4.559

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0107	.0330	.0382	.0142
-1.20000	.0165	.0364	.0351	.0193
-.40000	.0099	.0361	.0216	.0124

MACH (3) = .901 RN/L (1) = 4.447 P = 1292.9 PT = 2188.3 TTF = 85.352 Q = 734.14

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1350	.1222	.0759	.1326	.0596	.1126	.1136	.0452	.2014	.1479	.1370	.1316	.1091	.1646	.1056
-1.20000	.1234	.1180	.0694	.1238	.0557	.1029	.1050	.0446	.1929	.1359	.1405	.1245	.1123	.1660	.1191
-.40000	.1107	.1049	.0539	.1197	0485	.1056	.1279	.0446	.1934	.1638	.1292	.1173	.1137	.1871	.1048

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1996	.1354	.1137	.1065	.2248	.1334	.2443	.1892	.1686	.1591	.1106	.2020	.1686	.1379	.2233
-1.20000	.1734	.1383	.1054	.1104	.2158	.1390	.2620	.1917	.1684	.1688	.1083	.2037	.1738	.1485	.2324
-.40000	.1959	.1306	.1087	.0992	.1948	.1245	.2570	.1905	.1639	.1639	.0901	.2461	.1634	.1369	.2311

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2054	.2465	.2045	.1615
-1.20000	.1931	.2548	.2084	.1329
-.40000	.1954	.2434	.2282	.1303

MACH (4) = 1.054 RN/L (1) = 4.481 P = 1034.7 PT = 2088.6 TTF = 82.230 Q = 804.72

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0651	.0408	.0327	.0521	.0193	.0475	.0440	.0308	.1485	.0626	.0639	.0619	.0537	.0928	.0471
-1.20000	.0494	.0449	.0194	.0532	.0044	.0308	.0438	.0224	.1381	.0677	.0598	.0527	.0488	.0963	.0504
-.40000	.0431	.0445	.0164	.0449	.0038	.0166	.0335	.0076	.1220	.0528	.0601	.0497	.0491	.1173	.0524

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1677	.0809	.0552	.0491	.1981	.0566	.2299	.1364	.0818	.0628	.0456	.1894	.1272	.0579	.2118
-1.20000	.1598	.0473	.0520	.0373	.1832	.0513	.2292	.1350	.0858	.0711	.0448	.1748	.1202	.0393	.2157

OA-252 (P45+A) TILE WALL PRESS 45 DEG PANEL (R3TW57)

MACH (4) = 1.054 RN/L (1) = 4.481

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21 0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.1457	.0354	.0283	.0329	.1818	.0570	.2174	.1219	.0777	.0872	.0351	.2158	.1469	.0252	.1868

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1419	.2434	.1721	.0741
-1.20000	.1270	.2440	.1774	.0692
-.40000	.1305	.2422	.1809	.0745

MACH (5) = 1.103 RN/L (1) = 4.499 P = 951.99 PT = 2039.8 TTF = 74.057 Q = 810.43

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0494	.0386	.0248	.0474	.0287	.0432	.0429	.0184	.1384	.0629	.0598	.0596	.0380	.0605	.0419
-1.20000	.0463	.0301	.0288	.0467	.0267	.0309	.0450	.0159	.1113	.0574	.0615	.0621	.0299	.0647	.0407
-.40000	.0421	.0337	.0266	.0477	.0230	.0135	.0393	.0131	.0954	.0474	.0592	.0580	.0446	.0731	.0433

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1513	.0682	.0531	.0439	.2018	.0410	.1995	.1082	.0575	.0494	.0446	.1889	.0843	.0441	.2002
-1.20000	.1280	.0556	.0533	.0415	.1836	.0428	.2106	.0976	.0514	.0494	.0376	.1821	.0829	.0446	.2015
-.40000	.1172	.0338	.0470	.0424	.1618	.0437	.2324	.0881	.0461	.0472	.0385	.1987	.0458	.0359	.1882

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1098	.2481	.1256	.0474
-1.20000	.0916	.2434	.1427	.0495
-.40000	.0794	.2466	.1467	.0481

OA-252 (P45+A) TILE WALL PRESS 45 DEG PANEL (R3TW57)

MACH (6) = 1.252 RN/L (1) = 4.511 P = 783.66 PT = 2035.5 TTF = 75.102 Q = 859.92

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0325	.0270	.0252	.0335	.0312	.0349	.0406	.0272	.0651	.0464	.0382	.0439	.0272	.0370	.0369
-1.20000	.0295	.0280	.0262	.0374	.0252	.0288	.0386	.0248	.0669	.0421	.0411	.0456	.0269	.0370	.0297
-.40000	.0229	.0319	.0209	.0504	.0252	.0249	.0319	.0272	.0663	.0298	.0426	.0434	.0388	.0396	.0320

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0569	.0424	.0398	.0335	.1545	.0323	.1300	.0560	.0505	.0371	.0322	.1183	.0513	.0319	.1391
-1.20000	.0382	.0393	.0379	.0335	.0979	.0306	.1075	.0502	.0439	.0343	.0297	.1007	.0432	.0310	.1457
-.40000	.0280	.0327	.0323	.0256	.1051	.0305	.1124	.0288	.0434	.0288	.0315	.1269	.0394	.0256	.0931

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0607	.1716	.0496	.0355
-1.20000	.0561	.1709	.0663	.0350
-.40000	.0491	.1882	.0704	.0329

MACH (7) = 1.396 RN/L (1) = 4.513 P = 658.47 PT = 2083.6 TTF = 78.930 Q = 898.19

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0171	.0177	.0168	.0336	.0256	.0146	.0280	.0168	.0316	.0248	.0262	.0268	.0215	.0192	.0261
-1.20000	.0152	.0213	.0206	.0345	.0223	.0139	.0254	.0168	.0357	.0235	.0256	.0294	.0221	.0173	.0244
-.40000	.0161	.0194	.0168	.0498	.0217	.0114	.0275	.0152	.0360	.0231	.0313	.0267	.0316	.0276	.0214

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0305	.0225	.0249	.0226	.0488	.0237	.0392	.0296	.0292	.0226	.0190	.0499	.0350	.0191	.0509
-1.20000	.0422	.0211	.0226	.0199	.0555	.0218	.0398	.0280	.0294	.0208	.0247	.0387	.0287	.0240	.0656
-.40000	.0341	.0233	.0228	.0209	.0510	.0231	.0362	.0192	.0256	.0192	.0184	.0343	.0256	.0184	.0552

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0448	.1028	.0248	.0285
-1.20000	.0259	.0567	.0483	.0277
-.40000	.0281	.0573	.0082	.0288

OA-252 (P45+A) TILE WALL PRESS 45 DEG PANEL (R3TW58) (11 APR 80)

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 = .6570

PARAMETRIC DATA

HWALL = -.000 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .898 RN/L (1) = 4.420 P = 1297.1 PT = 2188.3 TTF = 87.292 Q = 731.61

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1343	.1200	.0784	.1118	.0606	.1243	.1183	.0577	.1910	.1420	.1429	.1343	.1046	.1681	.1060
-1.20000	.1299	.1200	.0627	.1244	.0549	.1192	.1102	.0602	.1852	.1353	.1284	.1296	.1084	.1683	.1155
-.40000	.1161	.1037	.0653	.1127	.0541	.1139	.1118	.0482	.1819	.1412	.1167	.1235	.1061	.1982	.1152

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.2105	.1405	.1159	.1036	.2144	.1412	.2749	.1873	.1696	.1587	.1092	.2263	.1815	.1288	.2284
-1.20000	.2034	.1338	.1037	.1082	.2066	.1218	.2807	.1986	.1763	.1568	.1096	.2285	.1622	.1342	.2205
-.40000	.2331	.1313	.1122	.0960	.1899	.1037	.2711	.2009	.1767	.1628	.0945	.2657	.1500	.1447	.2253

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2051	.2741	.2329	.1381
-1.20000	.1947	.2789	.2271	.1517
-.40000	.1879	.2763	.2331	.1478

MACH (2) = 1.049 RN/L (1) = 4.506 P = 1020.6 PT = 2047.5 TTF = 71.443 Q = 786.16

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0897	.0363	.0319	.0498	.0184	.0658	.0447	.0308	.1756	.0631	.0658	.0637	.0389	.1053	.0482
-1.20000	.0559	.0366	.0336	.0531	.0096	.0373	.0407	.0283	.1617	.0576	.0637	.0561	.0373	.1035	.0490
-.40000	.0478	.0334	.0213	.0536	.0290	.0282	.0407	.0258	.1484	.0569	.0542	.0524	.0413	.1403	.0403

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1927	.1065	.0573	.0480	.2237	.0710	.2408	.1570	.0961	.0746	.0460	.2037	.1574	.0736	.2293
-1.20000	.1781	.1125	.0428	.0416	.2021	.0659	.2524	.1520	.0883	.0910	.0420	.1979	.1451	.0647	.2298
-.40000	.1655	.0605	.0352	.0386	.1961	.0609	.2369	.1533	.0957	.0937	.0359	.2289	.1339	.0359	.2097

OA-252 (P45+A) TILE WALL PRESS 45 DEG PANEL (R3TW58)

MACH (2) = 1.049 RN/L (1) = 4.506

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1552	.2486	.1864	.0835
-1.20000	.1572	.2543	.1956	.1010
-.40000	.1523	.2542	.1925	.1026

OA-252 (P45+A) TILE WALL PRESS 45 DEG PANEL (R3TW59) (11 APR 80)

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 = .8670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .898 RN/L (1) = 4.400 P = 1296.4 PT = 2188.3 TTF = 89.369 Q = 732.03

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1323	.1120	.0778	.1260	.0662	.1145	.1295	.0492	.2054	.1480	.1383	.1338	.1120	.1614	.1135
-1.20000	.1153	.1176	.0735	.1397	.0641	.1029	.1102	.0457	.1930	.1397	.1467	.1266	.1112	.1653	.1150
-.40000	.1143	.1099	.0598	.1227	.0590	.1139	.1149	.0507	.1874	.1504	.1219	.1282	.1011	.1851	.1146

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.2032	.1344	.1235	.1068	.2243	.1313	.2777	.1930	.1857	.1598	.1058	.2155	.1781	.1254	.2257
-1.20000	.2002	.1402	.1063	.1009	.2073	.1208	.2865	.1872	.1735	.1586	.1019	.2366	.1665	.1368	.2348
-.40000	.2283	.1363	.1082	.0986	.2150	.1057	.2877	.1927	.1675	.1685	.0951	.2713	.1526	.1316	.2317

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2035	.2057	.2283	.1527
-1.20000	.1894	.2759	.2315	.1465
-.40000	.1971	.2404	.2426	.1469

OA-252 (P45+A) TILE WALL PRESS 45 DEG PANEL (R3TW60) (11 APR 80)

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 = .6570

PARAMETRIC DATA

HWALL = -.002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .900 RN/L (1) = 4.500 P = 1268.8 PT = 2145.1 TTF = 72.001 Q = 718.81

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1298	.1180	.0706	.1186	.0475	.0956	.1137	.0373	.1919	.1374	.1223	.1273	.0929	.1588	.0990
-1.20000	.0970	.1088	.0481	.1217	.0433	.0950	.1011	.0363	.1877	.1287	.1289	.1063	.1033	.1641	.1053
-.40000	.1035	.0999	.0548	.1128	.0489	.0962	.0991	.0363	.1753	.1311	.1313	.1079	.0974	.1665	.1072

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1797	.1366	.1088	.0996	.2294	.1353	.2322	.1844	.1576	.1503	.1092	.2068	.1769	.1367	.2177
-1.20000	.1720	.1287	.0903	.0816	.2125	.1303	.2527	.1877	.1612	.1472	.0876	.2049	.1511	.1270	.2208
-.40000	.1696	.1212	.0911	.0931	.1962	.1337	.2639	.1731	.1562	.1580	.0830	.2234	.1440	.1270	.2159

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1932	.2368	.1934	.1388
-1.20000	.1858	.2480	.2001	.1416
-.40000	.1885	.2507	.2031	.1404

OA-252 (P45+A) TILE WALL PRESS 45 DEG PANEL (R3TW61) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.376 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .597 RN/L (1) = 4.479 P = 2128.2 PT = 2708.8 TTF = 75.067 Q = 531.51

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0106	.0095	.0159	.0304	.0249	.0000	.0175	.0107	.0088	.0046	.0137	.0177	.0296	.0086	.0257
-1.20000	.0069	.0125	.0191	.0421	.0257	.0008	.0175	.0129	-.0035	.0062	.0255	.0292	.0150	.0070	.0283
-.40000	.0096	.0165	.0127	.0395	.0207	-.0011	.0185	.0097	-.0053	.0083	.0185	.0204	.0349	.0070	.0294

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	-.0057	-.0063	.0117	.0203	-.0185	.0056	.0063	-.0017	-.0035	.0005	.0107	-.0275	-.0096	.0054	-.0381
-1.20000	-.0044	-.0047	.0167	.0243	-.0195	.0135	.0424	.0023	-.0003	.0084	.0161	-.0269	-.0077	.0028	-.0261
-.40000	-.0110	-.0063	.0151	.0150	-.0227	.0083	.0487	-.0030	-.0167	.0045	.0182	-.0113	-.0106	-.0002	-.0330

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	-.0183	-.0296	-.0139	.0030
-1.20000	-.0074	-.0306	-.0160	.0006
-.40000	-.0106	-.0267	-.0123	-.0012

MACH (2) = .800 RN/L (1) = 4.508 P = 1490.2 PT = 2271.0 TTF = 73.151 Q = 667.16

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0547	.0398	.0392	.0618	.0429	.0445	.0429	.0299	.0925	.0704	.0713	.0707	.0427	.0672	.0535
-1.20000	.0509	.0371	.0396	.0678	.0399	.0409	.0451	.0294	.0891	.0713	.0700	.0709	.0405	.0447	.0488
-.40000	.0551	.0309	.0369	.0678	.0401	.0432	.0423	.0290	.0899	.0706	.0619	.0700	.0542	.0818	.0663

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0872	.0681	.0558	.0486	.1001	.0535	.1070	.0817	.0842	.0569	.0486	.0912	.0910	.0535	.1070
-1.20000	.0857	.0655	.0612	.0542	.1022	.0486	.1586	.0774	.0849	.0600	.0508	.0874	.0885	.0493	.1072
-.40000	.0714	.0592	.0537	.0486	.0943	.0488	.1552	.0796	.0832	.0528	.0433	.1125	.0821	.0480	.0996

OA-252 (P45+A) TILE WALL PRESS 45 DEG PANEL (R3TW61)

MACH (2) = .800 RN/L (1) = 4.508

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0834	.1038	.1006	.0512
-1.20000	.0781	.1026	.1030	.0499
-.40000	.0800	.1049	.0925	.0401

MACH (3) = .900 RN/L (1) = 4.562 P = 1293.6 PT = 2187.6 TTF = 74.475 Q = 733.23

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0325	.0393	.0325	.0384	.0326	.0302	.0385	.0257	.0625	.0462	.0510	.0559	.0319	.0400	.0414
-1.20000	.0317	.0254	.0248	.0449	.0281	.0348	.0367	.0252	.0629	.0515	.0514	.0583	.0308	.0358	.0345
-.40000	.0335	.0228	.0238	.0546	.0306	.0263	.0271	.0195	.0565	.0421	.0426	.0520	.0412	.0489	.0432

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0528	.0433	.0470	.0335	.0682	.0395	.0625	.0522	.0486	.0436	.0393	.0577	.0503	.0358	.0775
-1.20000	.0538	.0414	.0432	.0327	.0688	.0345	.0991	.0518	.0469	.0399	.0316	.0555	.0499	.0314	.0831
-.40000	.0627	.0354	.0372	.0319	.0563	.0364	.1131	.0433	.0360	.0302	.0304	.0753	.0484	.0296	.0734

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0480	.0877	.0577	.0412
-1.20000	.0480	.0842	.0443	.0331
-.40000	.0353	.0685	.0453	.0316

MACH (4) = 1.051 RN/L (1) = 4.501 P = 1037.6 PT = 2087.9 TTF = 79.972 Q = 803.03

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0242	.0224	.0270	.0237	.0311	.0184	.0259	.0250	.0397	.0234	.0289	.0236	.0331	.0245	.0277
-1.20000	.0210	.0212	.0266	.0252	.0304	.0173	.0264	.0251	.0383	.0303	.0266	.0266	.0331	.0208	.0266
-.40000	.0154	.0201	.0196	.0324	.0307	.0207	.0236	.0242	.0349	.0289	.0223	.0234	.0320	.0493	.0238

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0396	.0245	.0188	.0204	.0352	.0202	.0468	.0352	.0417	.0217	.0218	.0306	.0349	.0205	.0255
-1.20000	.0357	.0284	.0193	.0165	.0351	.0165	.0708	.0345	.0370	.0190	.0172	.0292	.0347	.0207	.0239

OA-252 (P45+A) TILE WALL PRESS 45 DEG PANEL (R3TW61)

MACH (4) = 1.051 RN/L (1) = 4.501

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0362	.0259	.0149	.0120	.0340	.0149	.0775	.0423	.0255	-.0037	.0112	.0376	.0349	.0179	.0239

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0250	.0263	.0362	.0248
-1.20000	.0271	.0267	.0320	.0250
-.40000	.0262	.0254	.0292	.0324

MACH (5) = 1.101 RN/L (1) = 4.547 P = 983.11 PT = 2102.7 TTF = 82.126 Q = 834.76

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0286	.0361	.0364	.0380	.0366	.0289	.0340	.0315	.0220	.0290	.0670	.0679	.0383	.0298	.0524
-1.20000	.0286	.0347	.0361	.0486	.0360	.0293	.0369	.0326	.0200	.0264	.0681	.0684	.0363	.0298	.0475
-.40000	.0274	.0337	.0347	.0510	.0360	.0267	.0319	.0315	.0176	.0122	.0829	.0636	.0492	.0284	.0539

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0339	.0206	.0563	.0399	.0145	.0393	.0316	.0223	.0213	.0426	.0417	.0295	.0163	.0370	.0150
-1.20000	.0323	.0183	.0578	.0411	.0132	.0410	.0316	.0197	.0173	.0400	.0421	.0281	.0142	.0358	.0104
-.40000	.0328	.0162	.0553	.0353	.0095	.0418	.0313	.0167	.0027	.0176	.0349	.0341	.0100	.0312	.0094

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0159	.0307	.0348	.0275
-1.20000	.0151	.0302	.0346	.0281
-.40000	.0105	.0334	.0313	.0213

OA-252 (P45+A) TILE WALL PRESS 45 DEG PANEL (R3TW61)

MACH (6) = 1.257 RN/L (1) = 4.550 P = 805.58 PT = 2105.5 TTF = 85.248 Q = 890.57

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0177	.0311	.0335	.0303	.0335	.0200	.0339	.0320	.0241	.0130	.0335	.0411	.0383	.0162	.0362
-1.20000	.0168	.0305	.0320	.0385	.0343	.0176	.0335	.0297	.0247	.0186	.0327	.0407	.0380	.0164	.0373
-.40000	.0145	.0314	.0289	.0504	.0336	.0150	.0310	.0291	.0206	.0160	.0354	.0404	.0495	.0162	.0411

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0231	.0159	.0293	.0345	.0137	.0242	.0228	.0152	.0163	.0217	.0305	.0145	.0110	.0197	.0098
-1.20000	.0206	.0145	.0295	.0345	.0116	.0224	.0553	.0160	.0144	.0234	.0302	.0155	.0083	.0174	.0080
-.40000	.0186	.0162	.0268	.0302	.0123	.0220	.0595	.0150	.0039	.0113	.0286	.0212	.0070	.0154	.0101

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0121	.0142	.0164	.0144
-1.20000	.0110	.0150	.0139	.0139
-.40000	.0099	.0135	.0100	.0144

MACH (7) = 1.408 RN/L (1) = 4.404 P = 651.40 PT = 2097.8 TTF = 90.787 Q = 904.48

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0126	.0206	.0185	.0361	.0184	.0121	.0288	.0118	.0193	.0179	.0374	.0412	.0215	.0140	.0284
-1.20000	.0130	.0206	.0137	.0389	.0173	.0126	.0280	.0116	.0166	.0150	.0387	.0375	.0167	.0133	.0307
-.40000	.0123	.0204	.0146	.0381	.0160	.0112	.0267	.0110	.0162	.0144	.0412	.0399	.0330	.0140	.0364

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0170	.0151	.0279	.0244	.0111	.0200	.0178	.0138	.0156	.0205	.0230	.0115	.0122	.0165	.0083
-1.20000	.0163	.0143	.0284	.0250	.0127	.0213	.0372	.0146	.0150	.0221	.0223	.0121	.0144	.0160	.0081
-.40000	.0146	.0122	.0269	.0244	.0121	.0199	.0366	.0147	.0092	.0128	.0208	.0156	.0125	.0146	.0083

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0145	.0102	.0132	.0129
-1.20000	.0117	.0109	.0137	.0149
-.40000	.0117	.0109	.0105	.0135

OA-252 (P45+A+S) TILE WALL PRESS 45 DEG PANEL (R3TW62) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.051 RN/L (1) = 2.014 P = 449.82 PT = 904.60 TTF = 66.938 Q = 347.80

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0767	.0536	.0199	.0623	.0333	.0824	.0761	.0137	.0958	.1068	.1036	.0835	.0372	.0995	.0552
-1.20000	.0589	.0524	.0240	.0511	.0210	.0832	.0761	.0109	.0909	.1064	.0934	.0827	.0401	.0955	.0593
-.40000	.0580	.0516	.0175	.0570	.0202	.0885	.0707	.0206	.0865	.1047	.1024	.0790	.0409	.1093	.0601

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0886	.1004	.0946	.0421	.0890	.0979	.0765	.0976	.1049	.1130	.0486	.0769	.1013	.0884	.0940
-1.20000	.0858	.1068	.0895	.0364	.0874	.0942	.0720	.1001	.1090	.1134	.0506	.0700	.1000	.0933	.0948
-.40000	.0825	.1029	.0820	.0328	.0817	.0967	.0712	.0989	.1017	.1086	.0376	.0797	.0988	.0977	.0717

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0923	.0732	.0971	.0912
-1.20000	.0919	.0639	.0967	.0864
-.40000	.0931	.0947	.0922	.0847

MACH (2) = 1.105 RN/L (1) = 2.002 P = 418.00 PT = 898.23 TTF = 70.082 Q = 357.36

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0914	.0701	.0386	.0751	.0365	.0859	.0833	.0151	.1427	.1064	.0954	.0929	.0471	.1467	.0746
-1.20000	.0772	.0662	.0247	.0743	.0289	.0835	.0817	.0186	.1447	.1044	.0946	.0913	.0514	.1321	.0758
-.40000	.0578	.0583	.0251	.0683	.0265	.0741	.0769	.0107	.1470	.1080	.0849	.0845	.0625	.1557	.0821

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1432	.1407	.0880	.0530	.1541	.0940	.1389	.1513	.1517	.1127	.0601	.1413	.1549	.1047	.1541
-1.20000	.1393	.1399	.0813	.0542	.1486	.0861	.1322	.1529	.1521	.1115	.0546	.1283	.1521	.0988	.1458
-.40000	.1413	.1407	.0734	.0502	.1447	.0801	.1393	.1513	.1498	.1115	.0471	.1393	.1490	.1035	.1379

OA-252 (P45+A+S) TILE WALL PRESS 45 DEG PANEL (R3TW62)

MACH (2) = 1.105 RN/L (1) = 2.002

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1498	.1539	.1472	.1261
-1.20000	.1506	.1424	.1456	.1276
-.40000	.1533	.1283	.1440	.1312

MACH (3) = 1.249 RN/L (1) = 2.012 P = 347.98 PT = 900.35 TTF = 71.687 Q = 380.07

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0256	.0200	.0215	.0287	.0277	.0252	.0401	.0188	.1014	.0478	.0379	.0375	.0237	.0325	.0301
-1.20000	.0255	.0200	.0185	.0306	.0250	.0282	.0341	.0218	.0832	.0347	.0379	.0390	.0248	.0284	.0290
-.40000	.0200	.0211	.0185	.0257	.0228	.0178	.0352	.0151	.0616	.0310	.0326	.0364	.0274	.0329	.0290

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1243	.0414	.0346	.0237	.1529	.0268	.1852	.0638	.0392	.0344	.0170	.1837	.0526	.0215	.1839
-1.20000	.1076	.0344	.0283	.0226	.1507	.0283	.1963	.0511	.0336	.0273	.0162	.1822	.0459	.0188	.1776
-.40000	.1017	.0277	.0283	.0188	.1403	.0208	.1922	.0158	.0280	.0329	.0121	.1889	.0243	.0136	.1795

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0708	.1815	.1113	.0308
-1.20000	.0582	.1822	.1147	.0300
-.40000	.0533	.1666	.1106	.0270

OA-252 (P45+A+S) TILE WALL PRESS 45 DEG PANEL (R3TW63) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .901 RN/L (1) = 4.537 P = 1292.2 PT = 2186.9 TTF = 76.704 Q = 733.59

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1352	.1150	.0703	.1247	.0592	.1294	.1169	.0701	.1932	.1397	.1291	.1390	.1135	.1564	.1134
-1.20000	.1327	.1192	.0739	.1293	.0547	.1169	.1184	.0572	.1963	.1391	.1332	.1355	.1266	.1466	.1132
-.40000	.1171	.1138	.0595	.1272	.0564	.0988	.1262	.0348	.1757	.1571	.1211	.1190	.1120	.1802	.1197

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1753	.1418	.1209	.1050	.2159	.1314	.2111	.1657	.1677	.1579	.1062	.1932	.1716	.1371	.2111
-1.20000	.1751	.1514	.1240	.1137	.1917	.1230	.2428	.1713	.1693	.1591	.1097	.2044	.1704	.1446	.2184
-.40000	.1645	.1433	.1121	.0996	.1871	.1082	.2330	.1707	.1689	.1434	.1033	.2221	.1537	.1330	.1998

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1928	.2317	.1830	.1394
-1.20000	.1890	.2257	.1669	.1429
-.40000	.1861	.2389	.1770	.1369

MACH (2) = 1.048 RN/L (1) = 4.592 P = 1047.5 PT = 2099.9 TTF = 73.883 Q = 805.90

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0874	.0651	.0433	.0727	.0373	.0890	.0683	.0331	.1196	.1297	.1082	.1038	.0480	.1153	.0643
-1.20000	.0890	.0644	.0413	.0749	.0260	.0820	.0673	.0343	.1230	.1195	.1100	.0809	.0475	.1121	.0647
-.40000	.0776	.0573	.0401	.0711	.0271	.0802	.0618	.0266	.1168	.1250	.1172	.0766	.0536	.1294	.0690

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1161	.1212	.1043	.0570	.1188	.1076	.1127	.1257	.1297	.1358	.0599	.1173	.1170	.1155	.1246
-1.20000	.1145	.1240	.0863	.0536	.1160	.1151	.1068	.1241	.1217	.1347	.0487	.0902	.1203	.1143	.1161
-.40000	.1092	.1184	.0936	.0508	.1071	.1120	.1007	.1224	.1180	.1211	.0464	.1092	.1157	.1133	.0909

OA-252 (P45+A+S) TILE WALL PRESS 45 DEG PANEL (R3TW63)

MACH (2) = 1.048 RN/L (1) = 4.592

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1157	.1253	.1176	.1161
-1.20000	.1170	.1040	.1182	.1126
-.40000	.1177	.1131	.1162	.1154

MACH (3) = 1.098 RN/L (1) = 4.538 P = 967.55 PT = 2061.7 TTF = 74.684 Q = 817.05

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1025	.0619	.0313	.0739	.0246	.0693	.0700	.0109	.1483	.0969	.0846	.0872	.0583	.1485	.0777
-1.20000	.0721	.0642	.0331	.0751	.0209	.0604	.0707	.0155	.1467	.1179	.0795	.0794	.0603	.1388	.0744
-.40000	.0607	.0655	.0291	.0729	.0185	.0535	.0691	.0140	.1412	.1175	.0668	.0748	.0617	.1474	.0818

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1435	.1464	.0663	.0610	.1612	.0894	.1390	.1645	.1587	.1303	.0572	.1476	.1540	.1034	.1524
-1.20000	.1474	.1395	.0554	.0595	.1530	.0692	.1345	.1688	.1573	.1313	.0548	.1273	.1575	.1015	.1448
-.40000	.1410	.1413	.0487	.0531	.1459	.0615	.1321	.1593	.1459	.1312	.0507	.1452	.1521	.0865	.1310

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1463	.1209	.1535	.1337
-1.20000	.1469	.1159	.1533	.1359
-.40000	.1429	.0833	.1529	.1375

MACH (4) = 1.248 RN/L (1) = 4.505 P = 792.14 PT = 2045.4 TTF = 77.608 Q = 863.08

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0269	.0246	.0227	.0266	.0240	.0321	.0314	.0217	.1037	.0416	.0428	.0391	.0250	.0344	.0273
-1.20000	.0259	.0243	.0173	.0296	.0230	.0233	.0271	.0189	.0802	.0334	.0370	.0375	.0243	.0347	.0255
-.40000	.0287	.0254	.0189	.0450	.0230	.0169	.0292	.0178	.0539	.0286	.0393	.0411	.0288	.0602	.0271

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1228	.0333	.0330	.0248	.1652	.0271	.1846	.0552	.0438	.0317	.0247	.2024	.0402	.0255	.1833
-1.20000	.1014	.0344	.0299	.0247	.1466	.0230	.1959	.0483	.0439	.0295	.0250	.1935	.0210	.0207	.1936

OA-252 (P45+A+S) TILE WALL PRESS 45 DEG PANEL (R3TW63)

MACH (4) = 1.248 RN/L (1) = 4.505

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0890	.0269	.0289	.0273	.1398	.0235	.2029	.0137	.0454	.0230	.0234	.1954	.0166	.0201	.1778

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0522	.2000	.1047	.0235
-1.20000	.0381	.2000	.0854	.0270
-.40000	.0293	.1939	.0884	.0273

MACH (5) = 1.404 RN/L (1) = 4.509 P = 658.47 PT = 2107.0 TTF = 83.236 Q = 908.39

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0161	.0235	.0238	.0250	.0235	.0167	.0266	.0221	.0282	.0246	.0246	.0335	.0277	.0186	.0275
-1.20000	.0171	.0235	.0244	.0251	.0229	.0168	.0252	.0230	.0317	.0217	.0255	.0266	.0308	.0164	.0272
-.40000	.0157	.0204	.0243	.0306	.0244	.0125	.0241	.0209	.0282	.0193	.0272	.0294	.0426	.0133	.0265

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0287	.0215	.0228	.0271	.0449	.0213	.0325	.0266	.0212	.0218	.0271	.0232	.0217	.0201	.0298
-1.20000	.0304	.0189	.0216	.0285	.0400	.0213	.0345	.0281	.0226	.0201	.0271	.0232	.0226	.0202	.0256
-.40000	.0304	.0149	.0182	.0246	.0331	.0200	.0332	.0165	.0223	.0149	.0218	.0302	.0180	.0193	.0187

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0273	.0713	.0189	.0230
-1.20000	.0208	.0457	.0211	.0218
-.40000	.0192	.0518	.0156	.0199

OA-252 (P45+A+S) TILE WALL PRESS 45 DEG PANEL (R3TW64) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = -.002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.051 RN/L (1) = 5.998 P = 1379.2 PT = 2772.5 TTF = 78.478 Q = 1065.7

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0979	.0723	.0411	.0734	.0342	.0973	.0628	.0395	.1286	.1293	.1178	.0877	.0556	.1262	.0639
-1.20000	.0809	.0671	.0395	.0746	.0177	.0835	.0685	.0290	.1402	.1322	.0899	.0700	.0517	.1199	.0616
-.40000	.0735	.0713	.0342	.0681	.0073	.0857	.0609	.0108	.1280	.1319	.1121	.0644	.0573	.1450	.0648

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1286	.1241	.1032	.0597	.1378	.1215	.1252	.1399	.1360	.1362	.0560	.1119	.1379	.1212	.1319
-1.20000	.1250	.1262	.0872	.0573	.1309	.1106	.1237	.1348	.1352	.1355	.0480	.0922	.1284	.1179	.1364
-.40000	.1302	.1212	.0951	.0496	.1217	.1104	.1208	.1354	.1260	.1236	.0507	.1319	.1289	.1197	.1115

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1272	.1736	.1346	.1277
-1.20000	.1286	.1595	.1372	.1201
-.40000	.1315	.1807	.1298	.1176

MACH (2) = 1.101 RN/L (1) = 6.023 P = 1292.2 PT = 2761.9 TTF = 78.617 Q = 1096.1

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0976	.0548	.0272	.0663	.0237	.0690	.0632	.0171	.1432	.0704	.0781	.0752	.0449	.1583	.0584
-1.20000	.0633	.0551	.0260	.0583	.0074	.0468	.0521	.0107	.1396	.0832	.0778	.0679	.0355	.1190	.0501
-.40000	.0540	.0576	.0298	.0618	.0054	.0394	.0552	.0084	.1291	.0889	.0725	.0613	.0399	.1581	.0609

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1431	.1519	.0634	.0447	.1442	.0890	.1399	.1678	.1609	.1181	.0501	.1311	.1580	.0866	.1506
-1.20000	.1340	.1439	.0510	.0520	.1447	.0844	.1311	.1638	.1567	.1036	.0394	.1194	.1509	.0768	.1436
-.40000	.1373	.1420	.0508	.0398	.1384	.0758	.1348	.1700	.1437	.1053	.0377	.1402	.1522	.0748	.1308

OA-252 (P45+A+S) TILE WALL PRESS 45 DEG PANEL (R3TW64)

MACH (2) = 1.101 RN/L (1) = 6.023

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1358	.1172	.1572	.1298
-1.20000	.1355	.1139	.1597	.1303
-.40000	.1328	.1094	.1515	.1331

MACH (3) = 1.248 RN/L (1) = 5.997 P = 1071.5 PT = 2767.5 TTF = 84.277 Q = 1167.8

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0259	.0244	.0226	.0325	.0244	.0255	.0293	.0175	.1056	.0381	.0339	.0391	.0230	.0300	.0271
-1.20000	.0281	.0247	.0209	.0320	.0214	.0185	.0351	.0172	.0683	.0401	.0402	.0372	.0211	.0459	.0253
-.40000	.0244	.0211	.0174	.0491	.0214	.0072	.0244	.0160	.0438	.0249	.0333	.0338	.0285	.0570	.0267

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1286	.0350	.0343	.0247	.1709	.0207	.1822	.0496	.0462	.0306	.0239	.1991	.0368	.0262	.1875
-1.20000	.0898	.0369	.0402	.0250	.1355	.0234	.2056	.0540	.0483	.0335	.0245	.1942	.0201	.0236	.1933
-.40000	.0614	.0269	.0267	.0242	.1211	.0184	.2089	.0105	.0486	.0261	.0205	.2017	.0121	.0211	.1890

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0521	.1870	.0696	.0247
-1.20000	.0380	.1935	.0465	.0270
-.40000	.0296	.1875	.0599	.0277

OA-252 (P45+A+S) TILE WALL PRESS 45 DEG PANEL (R3TW65) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.412 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.049 RN/L (1) = 2.008 P = 450.53 PT = 903.89 TTF = 67.567 Q = 347.05

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0998	.0478	.0401	.0508	.0534	.1275	.0682	.0353	.0958	.1511	.1558	.1114	.0390	.1358	.0472
-1.20000	.0844	.0393	.0356	.0489	.0514	.1254	.0402	.0341	.0958	.1503	.1517	.0871	.0341	.1358	.0472
-.40000	.0815	.0307	.0275	.0415	.0460	.1279	.0328	.0296	.0954	.1458	.1587	.0629	.0325	.1456	.0435

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0781	.1334	.1448	.0341	.0444	.1399	.0437	.1252	.1379	.1517	.0430	.0185	.1123	.1320	.0094
-1.20000	.0712	.1375	.1448	.0276	.0444	.1424	.0408	.1268	.1383	.1570	.0215	.0153	.1119	.1337	.0045
-.40000	.0749	.1354	.1481	.0146	.0375	.1399	.0428	.1317	.1322	.1476	.0146	.0461	.1107	.1316	-.0056

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0985	-.0038	.0801	.1121
-1.20000	.0977	-.0054	.0830	.1162
-.40000	.0973	-.0337	.0817	.1154

MACH (2) = 1.100 RN/L (1) = 1.996 P = 420.12 PT = 896.82 TTF = 70.256 Q = 355.71

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1015	.0586	.0562	.0714	.0589	.0598	.0770	.0330	.1396	.1080	.1071	.0963	.0635	.1683	.0806
-1.20000	.0737	.0606	.0475	.0706	.0609	.0471	.0718	.0401	.1380	.1044	.1107	.0927	.0651	.1362	.0814
-.40000	.0578	.0550	.0415	.0698	.0469	.0459	.0685	.0326	.1348	.0996	.1087	.0874	.0727	.1707	.0866

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1266	.1683	.0874	.0604	.0941	.0890	.0854	.1796	.1782	.0886	.0639	.0502	.1620	.0846	.0218
-1.20000	.1226	.1604	.0834	.0612	.0898	.0806	.0870	.1811	.1767	.0790	.0572	.0513	.1608	.0747	.0206
-.40000	.1171	.1556	.0771	.0488	.0802	.0771	.0802	.1843	.1612	.0723	.0508	.0862	.1620	.0693	.0159

OA-252 (P45+A+5) TILE WALL PRESS 45 DEG PANEL (R3TW65)

MACH (2) = 1.100 RN/L (1) = 1.996

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1493	-.0155	.1254	.1347
-1.20000	.1457	-.0152	.1297	.1255
-.40000	.1358	-.0310	.1265	.1335

MACH (3) = 1.249 RN/L (1) = 2.008 P = 348.68 PT = 901.77 TTF = 73.151 Q = 380.63

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0310	.0369	.0306	.0413	.0392	.0310	.0464	.0292	.0962	.0431	.0498	.0490	.0322	.0353	.0421
-1.20000	.0306	.0389	.0325	.0413	.0377	.0332	.0468	.0300	.0862	.0405	.0475	.0495	.0363	.0357	.0429
-.40000	.0247	.0385	.0295	.0413	.0340	.0273	.0460	.0296	.0629	.0338	.0528	.0468	.0408	.0346	.0406

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1253	.0424	.0403	.0281	.1977	.0339	.2161	.0557	.0411	.0374	.0278	.2124	.0426	.0240	.1864
-1.20000	.0927	.0361	.0391	.0292	.1792	.0317	.2191	.0531	.0408	.0374	.0289	.2169	.0326	.0266	.1808
-.40000	.0395	.0357	.0354	.0259	.1814	.0310	.2187	.0309	.0315	.0404	.0244	.2253	.0278	.0192	.1697

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0537	.1552	.0979	.0292
-1.20000	.0463	.1563	.0543	.0292
-.40000	.0396	.1448	.0761	.0292

OA-252 (P45+A+S) TILE WALL PRESS 45 DEG PANEL (R3TW66) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.411 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .903 RN/L (1) = 4.523 P = 1289.6 PT = 2186.2 TTF = 78.269 Q = 735.20

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0512	.0435	.0379	.0561	.0436	.0475	.0561	.0307	.0522	.0595	.0687	.0755	.0480	.0556	.0642
-1.20000	.0491	.0445	.0404	.0634	.0422	.0512	.0498	.0376	.0426	.0528	.0755	.0813	.0353	.0510	.0637
-.40000	.0420	.0404	.0393	.0645	.0395	.0412	.0544	.0265	.0479	.0568	.0654	.0743	.0569	.0587	.0784

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0566	.0542	.0644	.0557	.0500	.0505	.0564	.0528	.0541	.0586	.0511	.0472	.0520	.0528	.0515
-1.20000	.0545	.0529	.0627	.0544	.0502	.0505	.0491	.0524	.0489	.0546	.0519	.0460	.0466	.0467	.0499
-.40000	.0468	.0560	.0669	.0469	.0456	.0503	.0460	.0444	.0380	.0544	.0497	.0545	.0453	.0472	.0601

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0481	.0508	.0508	.0484
-1.20000	.0531	.0433	.0531	.0453
-.40000	.0460	.0416	.0391	.0457

MACH (2) = 1.047 RN/L (1) = 4.498 P = 1043.9 PT = 2089.3 TTF = 80.146 Q = 801.03

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0995	.0371	.0297	.0331	.0411	.1280	.0350	.0321	.0906	.1478	.1448	.0912	.0403	.1354	.0348
-1.20000	.0706	.0346	.0300	.0257	.0373	.1227	.0043	.0316	.0897	.1465	.1148	.0567	.0397	.1335	.0347
-.40000	.0671	.0235	.0235	.0188	.0324	.1208	.0020	.0277	.0897	.1343	.1349	.0272	.0362	.1489	.0348

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0836	.1394	.1435	.0341	.0450	.1410	.0567	.1318	.1369	.1615	.0259	.0193	.1111	.1317	.0062
-1.20000	.0765	.1366	.1361	.0270	.0450	.1275	.0560	.1360	.1349	.1557	.0065	.0155	.1107	.1288	.0063
-.40000	.0700	.1365	.1382	.0185	.0349	.1310	.0587	.1399	.1241	.1421	.0086	.0525	.1086	.1287	-.0085

OA-252 (P45+A+S) TILE WALL PRESS 45 DEG PANEL (R3TW66)

MACH (2) = 1.047 RN/L (1) = 4.498

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0984	.0175	.0864	.1202
-1.20000	.0953	.0052	.0907	.1319
-.40000	.0872	.0028	.0900	.1154

MACH (3) = 1.102 RN/L (1) = 4.485 P = 972.50 PT = 2081.5 TTF = 83.583 Q = 826.61

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.2053	.0995	.0544	.0993	.0593	.2223	.1235	.0536	.1839	.2441	.2344	.1841	.0811	.2349	.0765
-1.20000	.1928	.0653	.0583	.0677	.0575	.2114	.1083	.0519	.1831	.2431	.2295	.1474	.0898	.2349	.0734
-.40000	.1896	.0433	.0566	.0680	.0549	.2155	.0822	.0525	.1828	.2334	.2417	.0997	.0898	.2485	.0700

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1701	.2329	.2380	.0804	.1292	.2322	.1385	.2240	.2285	.2492	.1149	.0971	.2024	.2267	.0647
-1.20000	.1682	.2322	.2390	.0698	.1309	.2380	.1358	.2252	.2257	.2472	.0693	.0936	.2024	.2320	.0706
-.40000	.1597	.2305	.2377	.0546	.1182	.2366	.1368	.2300	.2160	.2362	.0566	.1310	.1989	.2308	.0568

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1894	.0573	.1717	.2181
-1.20000	.1877	.0515	.1804	.2163
-.40000	.1794	.0507	.1775	.2132

MACH (4) = 1.249 RN/L (1) = 4.598 P = 822.55 PT = 2126.8 TTF = 85.213 Q = 897.64

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0322	.0305	.0267	.0384	.0319	.0321	.0392	.0251	.1110	.0468	.0484	.0433	.0273	.0371	.0341
-1.20000	.0338	.0291	.0236	.0465	.0306	.0308	.0376	.0246	.0795	.0402	.0454	.0463	.0252	.0468	.0343
-.40000	.0283	.0309	.0272	.0451	.0268	.0252	.0403	.0236	.0557	.0394	.0465	.0465	.0328	.0570	.0285

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1480	.0406	.0398	.0290	.2019	.0317	.2273	.0673	.0576	.0394	.0290	.2397	.0443	.0320	.1897
-1.20000	.0692	.0349	.0398	.0312	.1873	.0299	.2247	.0431	.0614	.0332	.0280	.2206	.0272	.0296	.1900

OA-252 (P45+A+S) TILE WALL PRESS 45 DEG PANEL (R3TW66)

MACH (4) = 1.249 RN/L (1) = 4.598

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0806	.0312	.0388	.0290	.1829	.0285	.2236	.0185	.0559	.0334	.0284	.2295	.0219	.0296	.1774

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0581	.1756	.0890	.0331
-1.20000	.0424	.1731	.0452	.0317
-.40000	.0426	.1568	.0582	.0340

OA-252 (P45+A+S) TILE WALL PRESS 45 DEG PANEL (R3TW67) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.412 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.050 RN/L (1) = 5.958 P = 1385.5 PT = 2782.4 TTF = 82.646 Q = 1068.9

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1344	.1746	.0692	.1511	.0416	.1273	.1710	.0306	.1202	.1586	.1722	.1740	.1438	.1501	.1666
-1.20000	.1290	.1506	.0166	.1519	.0064	.1278	.1680	.0040	.1196	.1582	.1683	.1727	.1364	.1498	.1682
-.40000	.1278	.1499	.0167	.1466	.0161	.1244	.1638	-.0137	.1122	.1539	.1711	.1714	.1483	.1861	.1822

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1054	.1539	.1665	.1444	.0708	.1479	.0844	.1496	.1608	.1813	.1438	.0491	.1381	.1549	.0305
-1.20000	.0921	.1539	.1666	.1432	.0766	.1435	.0951	.1507	.1518	.1611	.1407	.0434	.1361	.1478	.0400
-.40000	.0883	.1512	.1645	.1401	.0635	.1414	.0930	.1598	.1373	.1465	.1416	.0815	.1310	.1531	.0132

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1270	.0394	.1107	.1502
-1.20000	.1220	.0397	.1168	.1546
-.40000	.1118	.0284	.1123	.1436

MACH (2) = 1.101 RN/L (1) = 6.002 P = 1354.4 PT = 2894.9 TTF = 99.793 Q = 1148.9

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1267	.0632	.0487	.0736	.0577	.0598	.0585	.0333	.1689	.1040	.1210	.1167	.0605	.2084	.0881
-1.20000	.0787	.0663	.0579	.0754	.0464	.0547	.0568	.0271	.1746	.1132	.1267	.1000	.0522	.1634	.0891
-.40000	.0548	.0642	.0482	.0726	.0358	.0541	.0480	.0294	.1630	.1194	.1209	.0916	.0686	.2092	.0952

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.2306	.1975	.1068	.0709	.1326	.1086	.1944	.2132	.2257	.1289	.0729	.1374	.1879	.1048	.0425
-1.20000	.2113	.1829	.0996	.0747	.1285	.0934	.2000	.2119	.2080	.1047	.0609	.1381	.1865	.0850	.0568
-.40000	.1848	.1732	.0992	.0584	.1062	.0934	.1947	.1892	.1867	.0982	.0530	.1869	.1840	.0752	.0418

OA-252 (P45+A+S) TILE WALL PRESS 45 DEG PANEL (R3TW67)

MACH (2) = 1.101 RN/L (1) = 6.002

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1757	.0779	.2251	.1772
-1.20000	.1715	.0783	.2265	.1708
-.40000	.1539	.1184	.2243	.1694

MACH (3) = 1.248 RN/L (1) = 5.969 P = 1113.2 PT = 2874.3 TTF = 102.10 Q = 1212.8

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0355	.0345	.0331	.0497	.0322	.0378	.0465	.0298	.1101	.0542	.0547	.0528	.0297	.0422	.0372
-1.20000	.0386	.0338	.0298	.0492	.0290	.0362	.0441	.0300	.0797	.0490	.0559	.0503	.0313	.0521	.0349
-.40000	.0331	.0345	.0287	.0572	.0293	.0241	.0430	.0285	.0564	.0415	.0545	.0516	.0406	.0649	.0337

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1673	.0476	.0494	.0341	.2026	.0342	.2587	.0649	.0603	.0446	.0325	.2568	.0490	.0374	.1997
-1.20000	.0959	.0448	.0474	.0341	.1910	.0325	.2532	.0450	.0644	.0415	.0367	.2514	.0273	.0340	.1960
-.40000	.0775	.0329	.0422	.0336	.1830	.0288	.2504	.0197	.0582	.0381	.0329	.2678	.0220	.0297	.1684

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0497	.1995	.1175	.0319
-1.20000	.0363	.1998	.0690	.0294
-.40000	.0393	.1566	.0868	.0334

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW68) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.047 RN/L (1) = 2.004 P = 452.65 PT = 906.01 TTF = 69.209 Q = 347.39

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0820	.0507	.0491	.0685	.0539	.0901	.0753	.0336	.1291	.0808	.1008	.1744	.0498	.1185	.0760
-1.20000	.0739	.0528	.0402	.0669	.0543	.0873	.0728	.0336	.1295	.0693	.0782	.1506	.0563	.1208	.0801
-.40000	.0791	.0528	.0349	.0636	.0498	.0873	.0691	.0246	.1145	.1212	.0778	.1510	.0555	.1295	.0748

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1418	.1372	.1622	.0591	.1595	.1154	.1617	.2622	.0384	.1576	.0673	.1398	.0801	.1128	.1379
-1.20000	.1309	.0598	.0902	.0555	.1473	.1158	.1402	.2150	.0384	.0692	.0701	.1333	.0769	.1071	.1261
-.40000	.1268	.2057	.1313	.0543	.1222	.1195	.1430	.3133	.0513	.1146	.0490	.1742	.0655	.1042	.1253

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1114	.1531	.1049	.1083
-1.20000	.1150	.1556	.1090	.1050
-.40000	.1114	.1511	.1078	.0994

MACH (2) = 1.101 RN/L (1) = 1.989 P = 417.29 PT = 892.57 TTF = 69.907 Q = 354.35

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0866	.0623	.0396	.0694	.0361	.0778	.0725	.0405	.1280	.0650	.0697	.1553	.0597	.1303	.0790
-1.20000	.0683	.0599	.0316	.0678	.0321	.0719	.0745	.0369	.1304	.0594	.0592	.1331	.0617	.1175	.0818
-.40000	.0667	.0583	.0189	.0614	.0281	.0699	.0709	.0505	.1272	.0834	.0596	.1383	.0665	.1330	.0818

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1311	.1096	.1421	.0601	.1414	.0986	.1447	.2317	.0189	.1252	.0609	.1228	.1029	.0964	.1305
-1.20000	.1303	.0491	.0746	.0601	.1378	.0950	.1339	.1915	.0293	.0536	.0581	.1156	.1001	.1008	.1285
-.40000	.1264	.1760	.0994	.0557	.1151	.0922	.1327	.2644	.0348	.0914	.0517	.1506	.0958	.0884	.1197

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW68)

MACH (2) = 1.101 RN/L (1) = 1.989

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1280	.1240	.1287	.1088
-1.20000	.1288	.1124	.1248	.1044
-.40000	.1252	.0953	.1287	.1089

MACH (3) = 1.253 RN/L (1) = 2.028 P = 346.56 PT = 901.06 TTF = 68.860 Q = 380.73

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0330	.0300	.0248	.0349	.0306	.0385	.0453	.0230	.0934	.0703	.0697	.0660	.0223	.0529	.0385
-1.20000	.0322	.0307	.0218	.0352	.0291	.0345	.0471	.0208	.0812	.0002	.0197	.0513	.0223	.0488	.0407
-.40000	.0270	.0270	.0211	.0360	.0272	.0307	.0430	.0171	.0675	.0039	.0366	.0577	.0282	.0492	.0404

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1275	-.0069	.0013	.0200	.1644	.0203	.1680	.1242	.0306	-.0083	.0208	.1565	.1063	.0245	.1595
-1.20000	.1160	-.0064	-.0017	.0189	.1678	.0210	.1739	.0729	-.0031	-.0013	.0185	.1593	.1100	.0230	.1517
-.40000	.1086	-.0064	.0020	.0171	.1585	.0203	.1739	.1639	.0380	.0113	.0148	.1661	.0959	.0230	.1494

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0707	.1331	.1205	.0357
-1.20000	.0644	.1331	.1064	.0383
-.40000	.0551	.1294	.0990	.0312

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TWG9) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.002	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .901 RN/L (1) = 4.500 P = 1274.5 PT = 2157.2 TTF = 74.475 Q = 723.70

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1267	.0949	.0975	.1338	.0732	.1136	.1101	.0680	.1953	.1120	.1007	.1892	.1145	.1577	.1269
-1.20000	.1333	.0994	.0832	.1353	.0675	.1129	.1089	.0764	.1812	.0970	.0744	.1543	.1182	.1544	.1304
-.40000	.1140	.1010	.0828	.1334	.0660	.1130	.1103	.0620	.1738	.1404	.0875	.1723	.1158	.1740	.1213

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1614	.1672	.1820	.1168	.2388	.1418	.2325	.3232	.0399	.2088	.1127	.2233	.1418	.1350	.2077
-1.20000	.1845	.0877	.1115	.1221	.2192	.1432	.2360	.2622	.0521	.0966	.1045	.2138	.1048	.1525	.2042
-.40000	.1906	.2452	.1537	.1069	.1982	.1556	.2344	.3399	.0449	.1257	.1094	.2374	.1044	.1435	.2067

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1649	.2247	.1826	.1533
-1.20000	.1698	.2188	.1906	.1475
-.40000	.1721	.2274	.1853	.1375

MACH (2) = 1.050 RN/L (1) = 4.522 P = 1034.7 PT = 2078.7 TTF = 76.216 Q = 798.72

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0977	.0550	.0483	.0797	.0414	.0861	.0713	.0331	.1245	.0894	.0864	.1602	.0676	.1267	.0764
-1.20000	.0894	.0653	.0490	.0779	.0300	.0813	.0661	.0274	.1252	.0690	.0690	.1428	.0699	.1182	.0760
-.40000	.0811	.0377	.0384	.0781	.0242	.0794	.0718	.0149	.1201	.1198	.0734	.1513	.0703	.1447	.0748

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1268	.1417	.1614	.0687	.1595	.1144	.1489	.3045	.0466	.1604	.0752	.1203	.0665	.1155	.1159
-1.20000	.1133	.0682	.0862	.0708	.1309	.1236	.1344	.2318	.0415	.0723	.0664	.1020	.0456	.1127	.1213
-.40000	.1242	.2264	.1338	.0634	.0995	.1223	.1295	.3221	.0466	.1134	.0603	.1642	.0444	.1152	.0996

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW69)

MACH (2) = 1.050 RN/L (1) = 4.522

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1082	.0956	.1126	.1079
-1.20000	.1099	.1147	.1127	.1085
-.40000	.1043	.0955	.1150	.1145

MACH (3) = 1.100 RN/L (1) = 4.505 P = 966.13 PT = 2063.1 TTF = 78.026 Q = 818.43

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0956	.0548	.0388	.0729	.0331	.0731	.0658	.0242	.1421	.0748	.0649	.1498	.0535	.1512	.0692
-1.20000	.0700	.0579	.0391	.0658	.0166	.0610	.0615	.0096	.1352	.0552	.0559	.1345	.0480	.1296	.0705
-.40000	.0604	.0586	.0255	.0644	.0121	.0531	.0639	-.0028	.1387	.1071	.0592	.1406	.0579	.1648	.0692

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1431	.1231	.1521	.0594	.1644	.1025	.1677	.2520	.0178	.1404	.0622	.1351	.1072	.1080	.1477
-1.20000	.1410	.0472	.0779	.0567	.1415	.1029	.1406	.1791	.0328	.0563	.0539	.1201	.0924	.1113	.1325
-.40000	.1481	.1948	.1123	.0518	.1177	.1108	.1384	.2795	.0364	.0979	.0426	.1686	.0886	.1094	.1308

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1357	.1177	.1481	.1227
-1.20000	.1354	.1177	.1486	.1175
-.40000	.1364	.0936	.1493	.1182

MACH (4) = 1.252 RN/L (1) = 4.463 P = 782.95 PT = 2033.4 TTF = 78.999 Q = 859.00

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0294	.0169	.0243	.0289	.0237	.0266	.0158	.0201	.0863	.0010	.0128	.0666	.0219	.0312	.0357
-1.20000	.0288	.0159	.0240	.0255	.0216	.0171	.0178	.0176	.0731	-.0024	.0004	.0530	.0247	.0388	.0373
-.40000	.0212	.0179	.0228	.0316	.0203	.0094	.0143	.0112	.0562	.0228	.0040	.0524	.0254	.0527	.0275

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1180	.0337	.0621	.0263	.1801	.0353	.1919	.1491	-.0207	.0309	.0239	.1680	.0151	.0329	.1795
-1.20000	.0916	-.0107	.0071	.0250	.1788	.0344	.1850	.1167	-.0135	-.0070	.0237	.1729	-.0004	.0332	.1712

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW69)

MACH (4) = 1.252 RN/L (1) = 4.463

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.1014	.0981	.0275	.0204	.1634	.0235	.1781	.1708	-.0175	.0117	.0235	.1961	.0061	.0293	.1635

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0507	.1624	.0770	.0268
-1.20000	.0415	.1617	.0606	.0263
-.40000	.0314	.1604	.0696	.0296

MACH (5) = 1.403 RN/L (1) = 4.498 P = 662.71 PT = 2116.9 TTF = 86.287 Q = 912.65

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0220	.0185	.0282	.0270	.0243	.0177	.0106	.0236	.0550	-.0029	-.0057	.0666	.0300	.0235	.0393
-1.20000	.0203	.0174	.0265	.0275	.0195	.0157	.0103	.0255	.0465	-.0116	-.0111	.0484	.0298	.0156	.0368
-.40000	.0188	.0197	.0274	.0329	.0235	.0144	.0086	.0243	.0438	.0093	-.0021	.0494	.0389	.0246	.0387

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0489	.0286	.0644	.0304	.0783	.0260	.0812	.1496	-.0213	.0261	.0269	.0436	.0109	.0261	.0300
-1.20000	.0447	-.0165	-.0020	.0276	.0660	.0274	.0745	.1164	-.0228	-.0133	.0246	.0423	.0090	.0238	.0274
-.40000	.0421	.0895	.0231	.0273	.0432	.0211	.0698	.2017	-.0213	.0104	.0267	.0936	-.0007	.0230	.0147

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0221	.0916	.0138	.0230
-1.20000	.0215	.0718	.0148	.0205
-.40000	.0190	.0803	.0114	.0243

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW70) (11 APR 80)

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 = .8570

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.051 RN/L (1) = 6.031 P = 1396.9 PT = 2808.6 TTF = 81.605 Q = 1079.7

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0940	.0613	.0434	.0748	.0400	.0869	.0627	.0262	.1457	.0952	.0842	.1591	.0648	.1227	.0765
-1.20000	.0944	.0479	.0408	.0714	.0143	.0797	.0622	.0232	.1425	.0656	.0654	.1418	.0654	.1225	.0697
-.40000	.0848	.0342	.0308	.0742	.0172	.0792	.0649	.0090	.1279	.1264	.0727	.1461	.0696	.1378	.0571

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1605	.1410	.1636	.0704	.1851	.1129	.1916	.2969	.0397	.1694	.0744	.1685	.0749	.1191	.1339
-1.20000	.1591	.0628	.0856	.0674	.1657	.1221	.1716	.2380	.0414	.0652	.0635	.1579	.0558	.1184	.1267
-.40000	.1477	.2165	.1436	.0602	.1175	.1134	.1754	.3196	.0376	.1128	.0543	.2126	.0449	.1139	.1308

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1221	.1548	.1414	.1187
-1.20000	.1117	.1553	.1445	.1133
-.40000	.1076	.1418	.1471	.1152

MACH (2) = 1.100 RN/L (1) = 6.012 P = 1299.3 PT = 2774.6 TTF = 81.258 Q = 1100.7

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1021	.0657	.0621	.0800	.0262	.0638	.0687	.0294	.1470	.0653	.0651	.1447	.0654	.1426	.0818
-1.20000	.0693	.0640	.0203	.0792	.0187	.0569	.0676	.0305	.1403	.0506	.0538	.1231	.0509	.1298	.0819
-.40000	.0628	.0583	.0180	.0748	.0239	.0583	.0625	.0202	.1349	.0959	.0548	.1393	.0587	.1570	.0812

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1556	.1194	.1481	.0695	.1698	.1026	.1746	.2401	.0196	.1345	.0685	.1402	.1094	.1126	.1478
-1.20000	.1532	.0431	.0720	.0638	.1481	.1140	.1698	.2043	.0291	.0490	.0649	.1321	.0975	.1070	.1386
-.40000	.1506	.1728	.1035	.0592	.1182	.1016	.1490	.2595	.0358	.0912	.0543	.1759	.0975	.1044	.1256

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW70)

MACH (2) = 1.100 RN/L (1) = 6.012

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1299	.1363	.1589	.1265
-1.20000	.1325	.1298	.1656	.1227
-.40000	.1283	.1233	.1550	.1218

MACH (3) = 1.248 RN/L (1) = 5.972 P = 1060.9 PT = 2740.7 TTF = 81.987 Q = 1156.6

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0308	.0167	.0241	.0274	.0201	.0306	.0174	.0181	.0964	.0077	.0053	.0759	.0212	.0414	.0427
-1.20000	.0334	.0138	.0268	.0289	.0195	.0184	.0153	.0152	.0783	.0024	.0040	.0559	.0255	.0507	.0442
-.40000	.0235	.0133	.0235	.0333	.0180	.0101	.0114	.0087	.0622	.0202	.0151	.0586	.0355	.0624	.0455

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1347	.0306	.0720	.0281	.1890	.0326	.1921	.1503	-.0234	.0195	.0269	.1713	.0236	.0397	.1813
-1.20000	.1307	-.0132	.0076	.0295	.1882	.0342	.1846	.1234	-.0088	-.0058	.0249	.1854	.0208	.0401	.1748
-.40000	.0982	.0731	.0355	.0230	.1939	.0367	.1735	.1896	-.0135	.0167	.0272	.1956	.0255	.0373	.1556

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0712	.1646	.1007	.0285
-1.20000	.0467	.1663	.0942	.0288
-.40000	.0374	.1529	.1037	.0262

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW71) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.052 RN/L (1) = 6.049 P = 1398.3 PT = 2814.2 TTF = 81.223 Q = 1082.5

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1007	.0554	.0499	.0711	.0396	.0887	.0728	.0336	.1581	.0973	.0859	.1643	.0694	.1285	.0787
-1.20000	.0865	.0351	.0409	.0771	.0200	.0844	.0725	.0219	.1476	.0710	.0708	.1428	.0665	.1217	.0748
-.40000	.0905	.0350	.0345	.0698	.0159	.0840	.0624	.0136	.1298	.1224	.0734	.1532	.0735	.1480	.0573

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1448	.1523	.1747	.0703	.1834	.1211	.1809	.2912	.0426	.1773	.0748	.1613	.0796	.1245	.1351
-1.20000	.1431	.0689	.0918	.0694	.1758	.1312	.1705	.2136	.0390	.0740	.0677	.1452	.0630	.1195	.1281
-.40000	.1319	.2349	.1381	.0641	.1329	.1191	.1615	.3244	.0417	.1215	.0605	.1861	.0598	.1163	.1269

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1232	.1500	.1295	.1189
-1.20000	.1240	.1433	.1372	.1229
-.40000	.1092	.1521	.1313	.1182

MACH (2) = 1.251 RN/L (1) = 6.027 P = 1071.5 PT = 2778.9 TTF = 83.861 Q = 1173.6

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0250	.0123	.0181	.0200	.0172	.0197	.0068	.0142	.1061	-.0043	-.0028	.0604	.0224	.0314	.0313
-1.20000	.0269	.0137	.0149	.0234	.0180	.0098	.0082	.0158	.0747	-.0109	-.0087	.0426	.0224	.0398	.0297
-.40000	.0192	.0137	.0156	.0268	.0185	-.0002	.0088	.0110	.0495	.0133	.0038	.0415	.0282	.0674	.0385

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1322	.0170	.0644	.0230	.1917	.0211	.2183	.1477	-.0246	.0260	.0229	.2000	.0374	.0265	.1868
-1.20000	.1224	-.0238	-.0029	.0229	.1845	.0266	.2170	.1009	-.0163	-.0180	.0253	.1901	.0022	.0248	.1793
-.40000	.0840	.0590	.0264	.0194	.1748	.0218	.2186	.1881	-.0122	.0105	.0224	.2229	.0165	.0225	.1821

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW71)

MACH (2) = 1.251 RN/L (1) = 6.027

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0479	.2015	.0821	.0210
-1.20000	.0327	.2031	.0735	.0318
-.40000	.0268	.1922	.0608	.0220

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW72) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.049 RN/L (1) = 6.043 P = 1401.8 PT = 2811.4 TTF = 81.014 Q = 1079.2

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0972	.0538	.0368	.0734	.0359	.0817	.0591	.0243	.1446	.0926	.0774	.1568	.0659	.1226	.0713
-1.20000	.0827	.0579	.0442	.0734	.0296	.0818	.0579	.0190	.1393	.0645	.0616	.1380	.0654	.1205	.0700
-.40000	.0800	.0356	.0385	.0683	.0212	.0738	.0538	.0090	.1367	.1216	.0666	.1524	.0688	.1332	.0546

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1352	.1393	.1664	.0972	.1866	.1103	.1761	.2806	.0356	.1725	.0709	.1449	.0658	.1159	.1294
-1.20000	.1363	.0575	.0807	.0624	.1534	.1260	.1672	.2262	.0371	.0648	.0620	.1383	.0427	.1236	.1156
-.40000	.1376	.2309	.1367	.0583	.1183	.1076	.1546	.3291	.0384	.1145	.0497	.1869	.0397	.1174	.1183

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1148	.1429	.1338	.1178
-1.20000	.1235	.1497	.1351	.1212
-.40000	.1063	.1358	.1274	.1144

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW73) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.415 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.048 RN/L (1) = 2.011 P = 451.24 PT = 904.60 TTF = 67.218 Q = 347.17

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1154	.0475	.0398	.0497	.0523	.1170	.0824	.0347	.1024	.1302	.1274	.2140	.0501	.1339	.0630
-1.20000	.1035	.0357	.0381	.0419	.0490	.1154	.0643	.0330	.0979	.1053	.1068	.2004	.0420	.1355	.0630
-.40000	.1093	.0255	.0308	.0333	.0433	.1138	.0515	.0257	.1008	.1556	.1027	.2025	.0347	.1615	.0507

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0864	.1902	.2207	.0457	.0692	.1555	.0596	.3777	.0774	.2038	.0892	.0247	.0749	.1299	.0120
-1.20000	.0856	.0932	.1282	.0395	.0550	.1600	.0393	.2881	.0607	.1001	.0619	.0214	.0709	.1307	.0084
-.40000	.0742	.2871	.1747	.0265	.0375	.1616	.0393	.4278	.0684	.1627	.0786	.0572	.0656	.1303	-.0026

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0871	.0194	.0612	.1055
-1.20000	.0859	-.0029	.0612	.1071
-.40000	.0855	-.0321	.0677	.1055

MACH (2) = 1.100 RN/L (1) = 2.000 P = 422.24 PT = 901.06 TTF = 71.443 Q = 357.34

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1076	.0524	.0974	.1045	.1126	.1001	.1182	.0166	.1321	.1788	.1758	.2823	.0312	.1874	.1323
-1.20000	.0800	.0441	.0141	.1041	.1134	.0899	.1118	.0146	.1321	.1379	.1438	.2575	.0320	.1819	.1363
-.40000	.0745	.0267	-.0005	.1017	.1134	.0816	.1054	.0043	.1301	.1938	.1446	.2655	.0375	.2088	.1363

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1383	.2281	.2609	.0265	.1369	.2043	.0922	.3927	.0902	.2675	.0597	.0615	.1289	.1522	.0736
-1.20000	.1186	.1275	.1620	.0292	.1215	.2083	.0772	.2958	.0748	.1399	.0514	.0583	.1194	.1040	.0669
-.40000	.1143	.3197	.2099	.0185	.1054	.2201	.0780	.3974	.0776	.1889	.0518	.0875	.1194	.1008	.0570

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW73)

MACH (2) = 1.100 RN/L (1) = 2.000

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1490	.0011	.1309	.1522
-1.20000	.1498	-.0028	.1332	.1546
-.40000	.1471	-.0213	.1269	.1530

MACH (3) = 1.250 RN/L (1) = 2.014 P = 349.39 PT = 905.31 TTF = 73.604 Q = 382.27

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0328	.0284	.0332	.0391	.0368	.0343	.0323	.0306	.1070	.0077	.0155	.1158	.0332	.0394	.0555
-1.20000	.0310	.0280	.0310	.0418	.0364	.0339	.0327	.0317	.0900	.0006	.0065	.0848	.0328	.0467	.0551
-.40000	.0273	.0280	.0280	.0385	.0331	.0284	.0327	.0295	.0694	.0314	.0147	.0821	.0369	.0508	.0514

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1517	.0475	.1099	.0310	.2226	.0451	.2222	.2174	-.0324	.0599	.0321	.1956	.0270	.0365	.1823
-1.20000	.1219	-.0049	.0181	.0317	.2208	.0433	.2163	.1634	-.0121	-.0036	.0321	.1982	.0230	.0354	.1671
-.40000	.0872	.1352	.0533	.0295	.2138	.0381	.2185	.3616	-.0139	.0370	.0284	.2222	.0097	.0310	.1675

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0673	.1440	.1230	.0413
-1.20000	.0529	.1418	.0960	.0421
-.40000	.0466	.1337	.1071	.0369

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW74) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.415 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.099 RN/L (1) = 1.997 P = 422.24 PT = 900.35 TTF = 71.547 Q = 356.93

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1081	.0547	.0508	.0660	.0667	.0733	.0675	.0442	.1456	.0847	.0800	.1682	.0723	.1739	.0871
-1.20000	.0729	.0523	.0547	.0540	.0639	.0650	.0651	.0414	.1433	.0803	.0812	.1373	.0731	.1478	.0895
-.40000	.0558	.0500	.0519	.0608	.0655	.0571	.0595	.0383	.1369	.0966	.0960	.1506	.0763	.1810	.0847

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1310	.1143	.1795	.0656	.1202	.1109	.0998	.2284	.0614	.1239	.0660	.0682	.1259	.1064	.0368
-1.20000	.1271	.0704	.0895	.0612	.1048	.1085	.0813	.1635	.0725	.0709	.0541	.0655	.1275	.0981	.0348
-.40000	.1196	.1494	.1164	.0501	.0898	.1085	.0813	.2458	.0693	.1041	.0367	.0971	.1330	.0965	.0293

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1409	.0106	.1247	.1389
-1.20000	.1417	.0051	.1286	.1365
-.40000	.1365	-.0170	.1255	.1428

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW75) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.383 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .900 RN/L (1) = 4.525 P = 1281.6 PT = 2167.1 TTF = 73.953 Q = 726.29

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0511	.0358	.0480	.0637	.0453	.0519	.0457	.0282	.0591	.0475	.0244	.1351	.0673	.0593	.0913
-1.20000	.0519	.0317	.0356	.0633	.0383	.0447	.0375	.0230	.0606	-.0039	-.0008	.0964	.0624	.0523	.0903
-.40000	.0453	.0356	.0360	.0687	.0416	.0410	.0379	.0255	.0542	.0687	.0002	.1056	.0768	.0789	.1050

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0619	.1050	.1401	.0663	.1197	.0596	.0675	.3376	-.0275	.1388	.0624	.0706	-.0111	.0585	.0613
-1.20000	.0559	-.0013	.0223	.0659	.0698	.0818	.0756	.2585	-.0503	.0025	.0609	.0619	-.0395	.0551	.0638
-.40000	.0543	.2216	.0880	.0585	.0427	.1057	.0717	.3979	-.0464	.0677	.0624	.0733	-.0416	.0527	.0662

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0473	.0650	.0481	.0430
-1.20000	.0393	.0671	.0415	.0591
-.40000	.0392	.0679	.0628	.0484

MACH (2) = 1.050 RN/L (1) = 4.492 P = 1035.4 PT = 2078.7 TTF = 78.825 Q = 798.40

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0845	.0407	.0432	.0359	.0421	.1178	.0287	.0393	.0896	.1099	.0865	.1985	.0529	.1273	.0538
-1.20000	.0725	.0381	.0419	.0306	.0389	.1115	.0211	.0407	.0884	.0769	.0700	.1704	.0487	.1275	.0509
-.40000	.0651	.0308	.0368	.0267	.0366	.1141	.0231	.0363	.0859	.1424	.0719	.1889	.0497	.1486	.0538

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0923	.1610	.2050	.0556	.1194	.1148	.0771	.3859	.0474	.1844	.0520	.0249	.0585	.1187	.0080
-1.20000	.0742	.0668	.0960	.0381	.0740	.1358	.0424	.3042	.0337	.0675	.0241	.0217	.0571	.1155	.0043
-.40000	.0771	.2814	.1558	.0303	.0293	.1405	.0416	.4247	.0383	.1316	.0033	.0604	.0497	.1162	-.0129

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW75)

MACH (2) = 1.050 RN/L (1) = 4.492

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0706	.0087	.0568	.1035
-1.20000	.0706	.0089	.0559	.1010
-.40000	.0639	-.0192	.0582	.0946

MACH (3) = 1.101 RN/L (1) = 4.534 P = 973.20 PT = 2081.5 TTF = 79.103 Q = 826.33

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1016	.0435	.0463	.0600	.0418	.0545	.0467	.0255	.1425	.0753	.0651	.1585	.0468	.1606	.0673
-1.20000	.0674	.0449	.0395	.0624	.0428	.0512	.0448	.0171	.1418	.0672	.0682	.1370	.0415	.1232	.0787
-.40000	.0620	.0401	.0297	.0595	.0349	.0512	.0433	.0072	.1330	.0916	.0799	.1461	.0472	.1732	.0896

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1351	.1114	.1512	.0468	.1392	.1133	.1133	.2568	.0484	.1115	.0429	.0694	.1227	.1136	.0305
-1.20000	.1295	.0565	.0739	.0465	.1187	.1169	.0929	.1758	.0620	.0603	.0350	.0666	.1137	.1172	.0336
-.40000	.1204	.1542	.1128	.0398	.0847	.1190	.0929	.2861	.0603	.0925	.0292	.1000	.1101	.1080	.0199

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1258	.0128	.1290	.1184
-1.20000	.1323	.0068	.1354	.1092
-.40000	.1195	.0089	.1353	.1068

MACH (4) = 1.248 RN/L (1) = 4.453 P = 799.92 PT = 2065.2 TTF = 86.322 Q = 871.41

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0341	.0232	.0313	.0343	.0284	.0345	.0240	.0253	.1174	.0078	.0127	.1107	.0284	.0402	.0451
-1.20000	.0323	.0221	.0281	.0366	.0284	.0297	.0236	.0231	.0812	.0004	.0013	.0796	.0261	.0471	.0443
-.40000	.0313	.0232	.0245	.0467	.0269	.0242	.0236	.0211	.0597	.0317	.0088	.0834	.0276	.0615	.0385

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1723	.0568	.1100	.0302	.2361	.0403	.2328	.2239	-.0340	.0444	.0330	.2029	.0116	.0443	.2053
-1.20000	.1174	-.0116	.0160	.0286	.2261	.0427	.2265	.1668	-.0172	-.0065	.0291	.2046	.0019	.0429	.1917

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW75)

MACH (4) = 1.248 RN/L (1) = 4.453

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.1094	.1453	.0558	.0286	.2167	.0331	.2192	.3180	-.0191	.0436	.0300	.2443	-.0065	.0368	.1753

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0753	.1616	.1218	.0378
-1.20000	.0551	.1581	.0848	.0412
-.40000	.0481	.1471	.1013	.0416

MACH (5) = 1.399 RN/L (1) = 4.465 P = 668.37 PT = 2124.6 TTF = 90.994 Q = 915.94

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0222	.0140	.0242	.0323	.0195	.0213	.0148	.0097	.0728	-.0026	-.0036	.1024	.0308	.0281	.0495
-1.20000	.0219	.0145	.0217	.0339	.0192	.0200	.0156	.0062	.0645	-.0128	-.0103	.0743	.0264	.0214	.0523
-.40000	.0196	.0140	.0131	.0325	.0179	.0137	.0153	.0017	.0537	.0157	-.0010	.0734	.0385	.0354	.0526

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0567	.0332	.0925	.0310	.1357	.0311	.1177	.2041	-.0273	.0214	.0290	.0868	.0245	.0296	.0474
-1.20000	.0561	-.0159	.0065	.0310	.0931	.0317	.0968	.1713	-.0211	-.0203	.0298	.0627	.0246	.0279	.0359
-.40000	.0507	.1388	.0385	.0279	.0538	.0265	.0941	.3441	-.0266	.0323	.0276	.0818	.0243	.0221	.0213

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0392	.1802	.0271	.0293
-1.20000	.0415	.1506	.0319	.0264
-.40000	.0401	.1457	.0319	.0242

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW78) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.414 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.050 RN/L (1) = 5.977 P = 1398.3 PT = 2809.3 TTF = 85.352 Q = 1079.5

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0879	.0426	.0434	.0339	.0427	.1214	.0290	.0419	.0939	.1146	.0959	.2033	.0551	.1308	.0517
-1.20000	.0742	.0373	.0379	.0247	.0383	.1140	.0199	.0412	.0955	.0751	.0754	.1771	.0609	.1319	.0528
-.40000	.0718	.0334	.0361	.0229	.0353	.1180	.0169	.0342	.0926	.1454	.0815	.1895	.0507	.1506	.0326

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1413	.1657	.2094	.0559	.1373	.1221	.1333	.3846	.0567	.1968	.0519	.0692	.0647	.1244	.0111
-1.20000	.1221	.0730	.1020	.0464	.0850	.1480	.0875	.2752	.0412	.0743	.0227	.0629	.0643	.1213	.0103
-.40000	.1224	.2862	.1588	.0329	.0392	.1529	.0930	.4081	.0497	.1415	.0054	.1119	.0546	.1211	-.0073

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0791	.0453	.1038	.1137
-1.20000	.0743	.0457	.1057	.1126
-.40000	.0710	.0581	.1172	.0990

MACH (2) = 1.101 RN/L (1) = 5.967 P = 1311.3 PT = 2802.9 TTF = 88.573 Q = 1112.4

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1127	.0426	.0463	.0589	.0442	.0643	.0395	.0327	.1491	.0854	.0795	.1631	.0441	.1738	.0725
-1.20000	.0738	.0402	.0493	.0622	.0405	.0605	.0349	.0278	.1494	.0780	.0757	.1439	.0413	.1383	.0735
-.40000	.0630	.0366	.0341	.0571	.0405	.0554	.0334	.0071	.1444	.0989	.0853	.1508	.0426	.1835	.0351

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1447	.1169	.1617	.0439	.1621	.1238	.1251	.2428	.0641	.1157	.0502	.0776	.1355	.1273	.0394
-1.20000	.1274	.0669	.0834	.0454	.1296	.1292	.1064	.1793	.0703	.0722	.0335	.0750	.1287	.1203	.0479
-.40000	.1258	.1553	.1228	.0388	.0938	.1281	.1026	.2684	.0694	.1008	.0261	.1115	.1338	.1219	.0324

OA-252 (P45+S) TILE WALL PRESS 45 DEG PANEL (R3TW76)

MACH (2) = 1.101 RN/L (1) = 5.967

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1402	.0221	.1360	.1323
-1.20000	.1425	.0189	.1432	.1209
-.40000	.1256	.0284	.1410	.1323

MACH (3) = 1.253 RN/L (1) = 5.943 P = 1070.1 PT = 2781.7 TTF = 90.061 Q = 1175.3

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0310	.0185	.0222	.0270	.0223	.0302	.0147	.0221	.1067	.0007	.0009	.0943	.0288	.0363	.0401
-1.20000	.0308	.0192	.0254	.0296	.0226	.0238	.0115	.0223	.0755	-.0165	-.0096	.0680	.0261	.0435	.0432
-.40000	.0294	.0182	.0222	.0358	.0197	.0177	.0147	.0170	.0580	.0198	.0016	.0745	.0331	.0554	.0424

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1339	.0330	.1022	.0300	.2385	.0291	.2302	.2123	-.0362	.0315	.0281	.2002	.0091	.0319	.1858
-1.20000	.0795	-.0214	.0003	.0287	.2181	.0310	.2124	.1553	-.0233	-.0214	.0288	.2021	-.0011	.0336	.1767
-.40000	.0598	.1320	.0381	.0276	.2123	.0221	.2130	.3401	-.0267	.0154	.0271	.2269	-.0073	.0299	.1616

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0460	.1594	.0832	.0312
-1.20000	.0400	.1563	.0423	.0259
-.40000	.0381	.1460	.0713	.0187

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW77) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = -.020
STEP-A = -.020

MACH (1) = .602 RN/L (1) = 4.465 P = 2097.8 PT = 2679.1 TTF = 73.883 Q = 531.48

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0275	.0179	.0179	.0372	.0175	.0325	.0285	.0167	.0727	.0224	-.0062	.0789	.0370	.0300	.0250
-1.20000	.0222	.0168	.0118	.0471	.0205	.0347	.0143	.0178	.0291	.0066	-.0043	.0568	.0359	.0323	.0229
-.40000	.0264	.0070	.0200	.0466	.0159	.0291	.0183	.0143	.0222	.0353	-.0189	.0738	.0434	.0182	.0298

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0937	.0605	.0732	.0404	.1105	.0282	.1199	.2401	-.0350	.1227	.0410	.0640	-.0311	.0325	.0401
-1.20000	.0573	.0049	-.0138	.0402	.1015	.0508	.1009	.1951	-.0595	.0094	.0450	.0557	-.0396	.0359	.0345
-.40000	.0608	.1970	.0415	.0391	.0704	.0559	.1073	.2531	-.0526	.0264	.0327	.0974	-.0481	.0263	.0292

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0211	.0595	.0672	.0263
-1.20000	.0163	.0555	.0752	.0202
-.40000	.0243	.0474	.0629	.0263

MACH (2) = .801 RN/L (1) = 4.515 P = 1481.7 PT = 2260.4 TTF = 70.815 Q = 665.09

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1619	.1334	.0980	.1614	.1010	.1527	.1685	.0810	.2130	.2013	.1907	.1962	.1234	.1912	.1059
-1.20000	.1681	.1208	.1023	.1470	.0720	.1402	.1644	.0857	.1294	.1296	.1348	.1937	.1189	.1904	.1010
-.40000	.1498	.1100	.0968	.1485	.0802	.1491	.1599	.0829	.1849	.1575	.1397	.1512	.1223	.1969	.1155

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.2575	.1089	.1112	.1296	.2737	.1440	.2824	.2774	.1724	.1287	.1292	.2531	.2377	.1660	.2406
-1.20000	.2454	.1112	.1161	.1394	.2895	.1332	.3112	.2120	.1208	.1247	.1347	.2435	.2267	.1765	.2335
-.40000	.2390	.1155	.1093	.1287	.2505	.1381	.3010	.2761	.1732	.1457	.1292	.2903	.2109	.1765	.2335

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW77)

MACH (2) = .801 RN/L (1) = 4.515

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2152	.2571	.2335	.1872
-1.20000	.2160	.2360	.2352	.1690
-.40000	.2056	.2382	.2328	.1616

MACH (3) = .901 RN/L (1) = 4.512 P = 1266.7 PT = 2144.4 TTF = 71.024 Q = 719.58

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1326	.1180	.0590	.1122	.0576	.1346	.1425	.0633	.2097	.1790	.1737	.1557	.1047	.1736	.0731
-1.20000	.1310	.0915	.0816	.1188	.0410	.1115	.1319	.0503	.1806	.1138	.0976	.1475	.1039	.1677	.0748
-.40000	.1137	.0809	.0527	.1077	.0320	.1159	.1177	.0513	.1705	.1222	.1016	.1313	.1066	.1673	.0727

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.2490	.0871	.0900	.1033	.2494	.1107	.2665	.2465	.1375	.1027	.1066	.2311	.2117	.1411	.2321
-1.20000	.2280	.0911	.1018	.0968	.2616	.1040	.2933	.1728	.0893	.1097	.1064	.2278	.2196	.1421	.2293
-.40000	.2331	.0920	.0851	.0901	.2384	.0967	.2750	.2573	.1361	.1186	.0995	.2645	.1930	.1447	.2185

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1924	.2360	.2252	.1598
-1.20000	.1843	.2333	.2067	.1433
-.40000	.1969	.2476	.1937	.1565

MACH (4) = 1.051 RN/L (1) = 4.516 P = 1017.8 PT = 2047.5 TTF = 70.675 Q = 787.43

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0602	.0384	.0172	.0522	.0266	.0465	.0781	.0073	.1522	.0856	.1051	.0890	.0399	.0800	.0277
-1.20000	.0665	.0174	.0106	.0553	.0266	.0429	.0649	.0188	.1213	.0325	.0220	.0887	.0375	.0759	.0259
-.40000	.0559	.0153	.0117	.0542	.0171	.0458	.0605	.0152	.1040	.0361	.0430	.0649	.0440	.1006	.0163

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.2071	.0023	.0145	.0404	.2290	.0471	.2377	.1565	.0575	.0135	.0332	.2278	.1663	.0456	.1969
-1.20000	.1890	.0100	.0158	.0404	.2179	.0500	.2602	.0925	.0165	.0223	.0343	.2140	.1582	.0440	.1953

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW77)

MACH (4) = 1.051 RN/L (1) = 4.516

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.1967	.0256	.0320	.0348	.2102	.0275	.2584	.1827	.0478	.0545	.0318	.2431	.1518	.0408	.2014

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1309	.2235	.1574	.0692
-1.20000	.1178	.2168	.1739	.0733
-.40000	.1298	.2124	.1502	.0631

MACH (5) = 1.098 RN/L (1) = 4.485 P = 953.40 PT = 2030.6 TTF = 73.291 Q = 804.53

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0402	.0272	.0182	.0472	.0259	.0376	.0605	.0103	.1124	.0193	.0261	.0747	.0299	.0436	.0345
-1.20000	.0332	.0045	.0159	.0555	.0285	.0363	.0442	.0079	.0846	.0166	.0265	.0528	.0248	.0435	.0318
-.40000	.0344	.0089	.0064	.0472	.0191	.0325	.0435	.0033	.0626	.0214	.0356	.0568	.0365	.0438	.0323

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1521	.0273	.0495	.0393	.1925	.0352	.1998	.1295	.0359	.0228	.0382	.1834	.0489	.0377	.1630
-1.20000	.1343	.0111	.0175	.0333	.1836	.0369	.2029	.0803	.0024	.0126	.0324	.1556	.0390	.0386	.1647
-.40000	.1392	.0563	.0350	.0361	.1456	.0376	.2100	.1802	.0322	.0186	.0356	.1970	.0503	.0319	.1429

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0895	.1866	.0818	.0449
-1.20000	.0694	.1955	.0994	.0463
-.40000	.0565	.2042	.1179	.0477

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW77)

MACH (6) = 1.250 RN/L (1) = 4.518 P = 785.78 PT = 2034.8 TTF = 74.301 Q = 859.10

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0182	.0176	.0158	.0345	.0225	.0235	.0333	.0128	.0789	.0139	.0262	.0650	.0245	.0276	.0223
-1.20000	.0227	.0105	.0153	.0394	.0207	.0191	.0240	.0097	.0311	.0116	.0215	.0509	.0252	.0235	.0226
-.40000	.0205	.0054	.0065	.0480	.0227	.0205	.0353	.0061	.0327	.0229	.0257	.0547	.0354	.0258	.0195

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1091	.0289	.0425	.0249	.1208	.0279	.1297	.1150	.0149	.0066	.0242	.1000	.0446	.0316	.0747
-1.20000	.0944	.0026	.0137	.0255	.1096	.0257	.1492	.0973	.0056	.0018	.0254	.0807	.0535	.0301	.0761
-.40000	.0812	.0568	.0332	.0262	.1003	.0261	.1487	.1561	.0040	.0139	.0226	.1200	.0401	.0255	.0678

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0360	.0887	.0539	.0354
-1.20000	.0304	.0921	.0514	.0371
-.40000	.0278	.0684	.0366	.0374

MACH (7) = 1.402 RN/L (1) = 4.493 P = 644.32 PT = 2055.3 TTF = 74.858 Q = 886.10

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0139	.0153	.0145	.0202	.0166	.0160	.0182	.0162	.0444	.0015	.0122	.0469	.0287	.0074	.0280
-1.20000	.0132	.0116	.0168	.0279	.0159	.0129	.0148	.0130	.0217	-.0003	.0068	.0421	.0322	.0090	.0239
-.40000	.0096	.0092	.0112	.0279	.0161	.0100	.0180	.0079	.0166	.0082	.0115	.0392	.0423	.0058	.0146

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0655	.0161	.0463	.0206	.0703	.0230	.1005	.1043	-.0007	-.0028	.0223	.0457	.0311	.0138	.0182
-1.20000	.0521	-.0111	.0027	.0263	.0706	.0140	.0994	.0994	-.0127	-.0056	.0207	.0325	.0215	.0165	.0174
-.40000	.0468	.0914	.0148	.0216	.0609	.0143	.1345	.1442	-.0032	.0033	.0196	.0242	.0147	.0127	.0139

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0134	.0285	.0237	.0144
-1.20000	.0149	.0340	.0212	.0136
-.40000	.0154	.0340	.0263	.0167

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW78) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.000	PANEL =	45.000
GAP =	.030	STEP-F =	.020
STEP-A =	.020		

MACH (1) = .598 RN/L (1) = 4.462 P = 2093.5 PT = 2667.1 TTF = 70.745 Q = 524.86

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0292	.0655	.0546	.0625	.0488	.0200	.0664	.0234	.0415	.1698	.0792	.0683	.0481	.0340	.1128
-1.20000	.0256	.0555	.0343	.0547	.0301	.0261	.0589	.0226	.0432	-.0342	-.0152	.0488	.0597	.0454	.1333
-.40000	.0306	.0488	.0382	.0606	.0363	.0116	.0515	.0129	.0382	.0193	.0363	.0552	.0753	.0670	.1592

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0365	-.0718	-.0274	.0325	.0400	.0292	.0239	.2109	.0532	-.0246	.0352	.0183	.0857	.0307	.0432
-1.20000	.0272	-.0611	-.0463	.0290	.0231	.0228	.0254	.1340	-.0227	-.0154	.0307	.0188	.0661	.0288	.0432
-.40000	.0239	-.0576	-.0492	.0264	.0223	.0228	.0264	.2367	.1019	.0465	.0320	.0391	.0414	.0280	.0418

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0279	.0528	.0822	.0363
-1.20000	.0153	.0490	.0883	.0374
-.40000	.0247	.0535	.0553	.0403

MACH (2) = .800 RN/L (1) = 4.479 P = 1468.3 PT = 2238.5 TTF = 69.877 Q = 658.00

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1621	.1530	.1127	.1698	.1006	.1578	.1696	.0998	.2243	.2346	.2121	.1847	.1453	.1931	.1920
-1.20000	.1687	.1425	.0856	.1524	.0878	.1416	.1507	.0968	.2127	.1124	.1197	.1641	.1453	.1946	.2034
-.40000	.1603	.1367	.0901	.1565	.0991	.1418	.1475	.0974	.2043	.0969	.1543	.1703	.1444	.1981	.2221

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.2182	.0803	.1009	.1380	.2311	.1649	.2381	.2766	.1569	.1154	.1303	.2381	.2451	.1667	.2334
-1.20000	.2180	.0983	.0848	.1252	.2148	.1317	.2286	.1985	.1004	.1098	.1194	.2212	.2426	.1673	.2387
-.40000	.2099	.0864	.0977	.1261	.2061	.1297	.2321	.2946	.1715	.1428	.1205	.2451	.2177	.1735	.2321

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW78)

MACH (2) = .800 RN/L (1) = 4.479

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2062	.2333	.2321	.1699
-1.20000	.2137	.2381	.2333	.1735
-.40000	.1912	.2397	.2312	.1743

MACH (3) = .900 RN/L (1) = 4.503 P = 1261.8 PT = 2134.5 TTF = 69.838 Q = 715.73

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1484	.1371	.0875	.1282	.0747	.1251	.1298	.0750	.1954	.1959	.1587	.1636	.1010	.1721	.1777
-1.20000	.1385	.1259	.0578	.1278	.0534	.1157	.1286	.0687	.1984	.0990	.0927	.1419	.1126	.1793	.1788
-.40000	.1201	.1054	.0652	.1239	.0631	.1013	.1216	.0450	.2009	.0669	.1103	.1366	.1232	.1601	.2113

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.2081	.0586	.0693	.1065	.2319	.1203	.2245	.2490	.1362	.0873	.1192	.2301	.2323	.1522	.2309
-1.20000	.1931	.0759	.0592	.0998	.2128	.0980	.2169	.1740	.0747	.0830	.1015	.2093	.2258	.1487	.2224
-.40000	.1946	.0835	.0772	.0915	.2024	.0835	.2164	.2555	.1504	.1234	.0937	.2426	.1902	.1487	.2278

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1882	.2319	.2347	.1581
-1.20000	.1931	.2363	.2208	.1440
-.40000	.1697	.2345	.2119	.1452

MACH (4) = 1.048 RN/L (1) = 4.508 P = 1018.5 PT = 2039.8 TTF = 69.558 Q = 782.38

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0618	.0558	.0515	.0609	.0240	.0463	.0579	.0281	.1533	.1001	.0740	.0740	.0434	.1014	.0986
-1.20000	.0607	.0504	.0320	.0559	.0242	.0275	.0553	.0263	.1576	.0186	.0192	.0632	.0544	.0971	.1232
-.40000	.0539	.0337	.0281	.0472	.0253	.0113	.0478	.0148	.1398	.0148	.0398	.0609	.0628	.0978	.1531

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1515	-.0088	-.0055	.0333	.2024	.0548	.1789	.1491	.0372	.0169	.0411	.1876	.1718	.0563	.1932
-1.20000	.1380	-.0026	-.0042	.0337	.1900	.0441	.1691	.0832	-.0010	.0073	.0328	.1887	.1738	.0373	.1912

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW78)

MACH (4) = 1.048 RN/L (1) = 4.508

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.1307	.0080	.0134	.0292	.1756	.0351	.1649	.1696	.0499	.0394	.0260	.1720	.1498	.0231	.1815

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1211	.2297	.1585	.0669
-1.20000	.1198	.2253	.1586	.0659
-.40000	.1101	.2359	.1541	.0669

MACH (5) = 1.098 RN/L (1) = 4.552 P = 958.35 PT = 2043.3 TTF = 69.838 Q = 809.98

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0530	.0655	.0318	.0707	.0292	.0494	.0580	.0470	.1250	.0648	.0639	.0663	.0524	.0787	.1170
-1.20000	.0532	.0628	.0208	.0599	.0294	.0286	.0512	.0311	.1299	.0025	.0084	.0481	.0761	.0740	.1478
-.40000	.0485	.0369	.0190	.0536	.0209	.0126	.0419	.0177	.1035	-.0199	.0230	.0405	.0877	.0773	.1643

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1185	-.0179	-.0169	.0378	.2046	.0267	.1596	.1346	.0305	-.0019	.0312	.1740	.1225	.0267	.1759
-1.20000	.0964	-.0155	-.0211	.0406	.1979	.0330	.1390	.0768	-.0059	-.0056	.0318	.1627	.1288	.0281	.1677
-.40000	.0643	-.0108	-.0080	.0385	.1524	.0302	.1417	.1592	.0563	.0157	.0324	.1786	.1136	.0232	.1503

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0966	.2200	.1275	.0378
-1.20000	.0842	.2200	.1138	.0437
-.40000	.0739	.2344	.1282	.0448

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW78)

MACH (6) = 1.251 RN/L (1) = 4.530 P = 785.07 PT = 2035.5 TTF = 73.430 Q = 859.61

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0354	.0202	.0397	.0476	.0260	.0247	.0178	.0173	.0842	.0035	-.0035	.0597	.0460	.0497	.0972
-1.20000	.0383	.0289	.0224	.0371	.0250	.0158	.0077	.0206	.0841	.0001	.0005	.0468	.0482	.0469	.1215
-.40000	.0329	.0149	.0209	.0308	.0208	.0125	.0044	.0099	.0673	.0156	.0047	.0483	.0562	.0562	.1467

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0864	.0304	.0711	.0349	.0970	.0323	.0875	.1378	-.0150	.0376	.0323	.0833	.0118	.0316	.0759
-1.20000	.0739	-.0097	.0062	.0354	.0972	.0349	.0655	.0986	-.0098	-.0022	.0327	.0759	.0213	.0278	.0735
-.40000	.0486	.0839	.0346	.0304	.0674	.0297	.0382	.1575	-.0182	.0164	.0326	.1035	.0114	.0239	.0671

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0315	.1031	.0177	.0344
-1.20000	.0315	.0941	.0362	.0285
-.40000	.0282	.0995	.0418	.0311

MACH (7) = 1.404 RN/L (1) = 4.568 P = 652.10 PT = 2087.9 TTF = 74.336 Q = 900.17

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0269	.0153	.0314	.0389	.0165	.0243	.0006	.0162	.0735	-.0075	-.0108	.0512	.0353	.0347	.0855
-1.20000	.0277	.0164	.0138	.0357	.0168	.0200	-.0052	.0139	.0778	-.0104	-.0088	.0362	.0345	.0347	.1126
-.40000	.0264	-.0042	.0140	.0267	.0174	.0114	-.0076	.0081	.0612	.0054	-.0057	.0373	.0493	.0261	.1380

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0782	.0141	.0476	.0236	.1062	.0261	.0872	.1040	-.0206	.0103	.0250	.0970	.0255	.0243	.0807
-1.20000	.0682	-.0170	-.0043	.0223	.0931	.0261	.0707	.0863	-.0148	-.0145	.0218	.0750	.0334	.0212	.0729
-.40000	.0517	.0645	.0197	.0212	.0675	.0217	.0283	.1502	-.0278	.0057	.0176	.0419	.0261	.0217	.0508

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0318	.1004	.0270	.0297
-1.20000	.0302	.0772	.0267	.0265
-.40000	.0346	.0283	.0227	.0265

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW79) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .160

MACH (1) = .600 RN/L (1) = 4.456 P = 2103.4 PT = 2682.0 TTF = 74.127 Q = 529.23

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0662	.0087	.0347	.0418	.0228	.0236	.0099	.0016	.0510	.0343	-.0438	.0936	.0499	.1110	.0688
-1.20000	.0291	.0095	.0302	.0498	.0230	.0109	.0070	.0075	.0452	.0122	-.0870	.0501	.0430	.0717	.0745
-.40000	.0280	.0145	.0164	.0536	.0256	.0076	.0051	-.0031	-.0259	.0659	-.0412	.0672	.0568	.0911	.0761

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0309	.0940	.0838	.0483	.0097	.0174	.0284	.2705	-.0527	.2024	.0375	.0284	-.0586	.0199	.0246
-1.20000	-.0054	.0420	.0046	.0433	-.0313	.0409	.0097	.3016	-.1075	.0691	.0409	.0208	-.0947	.0197	.0260
-.40000	-.0004	.2360	.0873	.0383	-.0566	.0473	.0155	.4068	-.1269	.0196	.0356	.0330	-.1067	.0207	.0153

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0159	.0360	.0196	.0107
-1.20000	.0143	.0315	.0208	.0239
-.40000	.0063	.0360	.0259	.0170

MACH (2) = .800 RN/L (1) = 4.494 P = 1475.4 PT = 2249.8 TTF = 70.745 Q = 661.56

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.2048	.1322	.1335	.1639	.1019	.1767	.1541	.1046	.2259	.1845	.1085	.2134	.1435	.2413	.1512
-1.20000	.1616	.1373	.1105	.1581	.1027	.1860	.1370	.1059	.2270	.1652	.0795	.1863	.1484	.2246	.1599
-.40000	.1468	.1362	.1038	.1613	.1101	.1607	.1406	.0933	.1968	.2065	.1097	.1945	.1648	.2264	.1589

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.2283	.2061	.2198	.1527	.2352	.1770	.2265	.3534	.0882	.3117	.1465	.2325	.1503	.1785	.2315
-1.20000	.2223	.1533	.1428	.1491	.1991	.1706	.2119	.3321	.0677	.1972	.1399	.2331	.0986	.1812	.2176
-.40000	.1981	.3076	.2106	.1476	.1587	.1683	.2205	.4478	.0490	.1744	.1399	.2517	.0790	.1883	.2115

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW79)

MACH (2) = .800 RN/L (1) = 4.494

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1857	.2353	.2131	.1746
-1.20000	.1869	.2441	.2067	.1689
-.40000	.1878	.2379	.2033	.1755

MACH (3) = .901 RN/L (1) = 4.493 P = 1258.9 PT = 2132.4 TTF = 70.466 Q = 715.95

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1919	.1146	.0931	.1323	.0812	.1404	.1111	.0607	.2294	.1630	.0834	.1892	.1294	.2349	.1389
-1.20000	.1377	.1144	.0821	.1331	.0757	.1396	.1094	.0552	.2200	.1315	.0875	.1643	.1253	.2065	.1405
-.40000	.1203	.0976	.0677	.1248	.0681	.1338	.1184	.0473	.1709	.1889	.0867	.1753	.1259	.1997	.1203

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.2347	.2009	.1849	.1275	.2205	.1464	.2357	.3580	.0604	.2890	.1245	.2214	.1119	.1552	.2265
-1.20000	.2177	.1291	.1270	.1170	.1997	.1685	.2015	.3328	.0449	.1875	.1227	.2188	.1040	.1597	.2129
-.40000	.1684	.2921	.1697	.1251	.1482	.1547	.2146	.3973	.0291	.1454	.1031	.2445	.0677	.1463	.1970

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1802	.2212	.1695	.1510
-1.20000	.1653	.2346	.1813	.1455
-.40000	.1659	.2214	.1661	.1451

MACH (4) = 1.052 RN/L (1) = 4.473 P = 1013.5 PT = 2039.8 TTF = 73.047 Q = 784.60

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1328	.0457	.0435	.0665	.0452	.0869	.0411	.0318	.1779	.0959	.0247	.1412	.0877	.1722	.0794
-1.20000	.0826	.0403	.0412	.0645	.0343	.0751	.0419	.0234	.1577	.0759	-.0064	.1001	.0641	.1496	.0708
-.40000	.0487	.0364	.0248	.0686	.0292	.0732	.0508	.0124	.1104	.1322	.0393	.1260	.0612	.1348	.0703

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1671	.1343	.1303	.0666	.1708	.0804	.1931	.3097	.0008	.2190	.0663	.1645	.0465	.0857	.1465
-1.20000	.1466	.0679	.0732	.0612	.1452	.1005	.1635	.2797	-.0095	.1196	.0548	.1635	.0197	.0849	.1532

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW79)

MACH (4) = 1.052 RN/L (1) = 4.473

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0948	.2561	.1490	.0562	.0854	.0959	.1368	.3900	-.0269	.1077	.0426	.2091	.0019	.0729	.1451

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1023	.1865	.1243	.0875
-1.20000	.1023	.1762	.1191	.0785
-.40000	.0764	.1899	.1145	.0857

MACH (5) = 1.098 RN/L (1) = 4.513 P = 958.35 PT = 2041.9 TTF = 72.977 Q = 809.16

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1217	.0485	.0539	.0637	.0229	.0630	.0499	.0102	.1530	.0940	.0199	.1331	.0577	.1777	.0724
-1.20000	.0760	.0469	.0289	.0693	.0218	.0748	.0478	.0199	.1456	.0647	-.0076	.1016	.0586	.1357	.0828
-.40000	.0380	.0451	.0217	.0665	.0255	.0742	.0518	.0137	.0956	.1060	.0305	.1080	.0673	.1378	.0833

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1530	.1044	.1253	.0641	.1593	.0724	.1843	.2762	-.0014	.2057	.0554	.1407	.0300	.0817	.1335
-1.20000	.1412	.0680	.0625	.0643	.1307	.0896	.1331	.3076	-.0363	.1068	.0554	.1363	-.0005	.0772	.1514
-.40000	.0769	.2689	.1286	.0577	.0828	.0852	.1147	.4242	-.0349	.0900	.0453	.2004	-.0335	.0638	.1326

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0959	.1809	.0697	.0687
-1.20000	.0834	.1850	.0872	.0690
-.40000	.0670	.1776	.0915	.0711

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW79)

MACH (6) = 1.250 RN/L (1) = 4.532 P = 786.48 PT = 2038.4 TTF = 73.744 Q = 860.74

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1051	.0252	.0375	.0386	.0293	.0484	.0301	.0223	.0724	.0733	.0140	.1202	.0419	.1535	.0551
-1.20000	.0494	.0218	.0324	.0422	.0257	.0465	.0246	.0154	.0692	.0449	-.0225	.0888	.0403	.1106	.0573
-.40000	.0228	.0215	.0211	.0506	.0274	.0399	.0277	.0088	-.0269	.1072	.0169	.1050	.0478	.1412	.0642

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0656	.1071	.1248	.0455	.0387	.0502	.0780	.2846	.0046	.1934	.0432	.0271	.0112	.0530	.0395
-1.20000	.0459	.0447	.0530	.0426	.0102	.0629	.0281	.2490	-.0290	.0815	.0367	.0173	-.0052	.0502	.0467
-.40000	-.0120	.2254	.1213	.0399	-.0760	.0560	.0250	.3772	-.0282	.0968	.0275	.0615	-.0243	.0453	.0292

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0442	.0556	.0222	.0465
-1.20000	.0373	.0333	.0290	.0471
-.40000	.0301	.0558	.0268	.0470

MACH (7) = 1.399 RN/L (1) = 4.504 P = 646.44 PT = 2054.6 TTF = 73.918 Q = 885.75

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0903	.0209	.0338	.0257	.0186	.0373	.0166	.0310	.0318	.0620	.0085	.1064	.0409	.1374	.0474
-1.20000	.0379	.0184	.0323	.0311	.0215	.0139	.0171	.0288	.0310	.0276	-.0122	.0755	.0393	.1078	.0528
-.40000	.0081	.0151	.0300	.0367	.0237	.0048	.0163	.0253	-.1105	.0774	.0132	.0927	.0469	.1353	.0548

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	-.0028	.0802	.0963	.0388	-.0348	.0365	-.0173	.2518	-.0018	.1581	.0388	-.0182	.0005	.0334	.0034
-1.20000	-.0224	.0292	.0403	.0393	-.0652	.0419	-.0374	.2318	-.0260	.0557	.0348	-.0252	-.0043	.0323	.0022
-.40000	-.0547	.2223	.0965	.0297	-.1054	.0195	-.0389	.3210	-.0228	.0890	.0304	-.0112	-.0164	.0340	.0021

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0110	.0098	.0082	.0218
-1.20000	.0118	.0077	.0038	.0256
-.40000	.0026	.0010	.0047	.0272

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW80) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .017 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 4.456 P = 2101.3 PT = 2680.6 TTF = 74.162 Q = 529.78

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0183	.0159	.0340	.0330	.0241	.0203	.0138	-.0001	.0318	-.0233	-.0204	.0853	.0450	.0233	.0620
-1.20000	.0208	.0172	.0131	.0303	.0191	.0142	.0193	.0017	.0318	-.0177	-.0401	.0490	.0402	.0227	.0582
-.40000	.0125	.0170	.0194	.0378	.0170	.0214	.0054	-.0001	.0349	.0322	-.0456	.0517	.0564	.0187	.0559

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0410	.0833	.0894	.0370	.0171	.0122	.0405	.2795	-.0630	.1259	.0399	.0079	-.0165	.0269	.0267
-1.20000	.0139	-.0165	-.0048	.0328	.0112	.0149	.0613	.2243	-.0965	-.0149	.0413	.0076	-.0293	.0166	.0190
-.40000	.0081	.1876	.0452	.0243	.0112	.0160	.0430	.3212	-.0819	.0093	.0349	.0473	-.0301	.0185	.0129

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0183	.0219	.0204	.0277
-1.20000	.0195	.0229	.0174	.0251
-.40000	.0151	.0290	.0214	.0177

MACH (2) = .800 RN/L (1) = 4.493 P = 1476.1 PT = 2250.5 TTF = 70.919 Q = 661.81

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1832	.1374	.1250	.1625	.0992	.1314	.1402	.0888	.2223	.1302	.1300	.2124	.1449	.1932	.1581
-1.20000	.1531	.1308	.1033	.1642	.0949	.1376	.1387	.0932	.2186	.1182	.1112	.1875	.1421	.2038	.1504
-.40000	.1392	.1308	.0976	.1462	.0861	.1303	.1471	.0792	.1949	.1729	.1144	.1873	.1387	.2104	.1432

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.2282	.1930	.2063	.1421	.2355	.1728	.2635	.3423	.0861	.2195	.1415	.2402	.1684	.1825	.2372
-1.20000	.2150	.1105	.1325	.1443	.2353	.1688	.2751	.2842	.0842	.1149	.1279	.2450	.1481	.1797	.2289
-.40000	.2042	.2650	.1818	.1345	.2197	.1728	.2611	.3468	.0787	.1592	.1260	.2757	.1454	.1753	.2329

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW80)

MACH (2) = .800 RN/L (1) = 4.493

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.2021	.2372	.2114	.1855
-1.20000	.1908	.2364	.2114	.1723
-.40000	.2101	.2394	.2002	.1591

MACH (3) = .899 RN/L (1) = 4.475 P = 1263.9 PT = 2134.5 TTF = 72.105 Q = 714.46

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1528	.1053	.0912	.1166	.0578	.1122	.1066	.0583	.1990	.0958	.1073	.1692	.1064	.1690	.1107
-1.20000	.0977	.0948	.0601	.1225	.0484	.1044	.1112	.0601	.1920	.0862	.0816	.1472	.1095	.1698	.1127
-.40000	.1034	.0920	.0595	.1304	.0597	.1032	.1060	.0510	.1798	.1344	.0859	.1649	.1052	.1750	.1208

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1993	.1517	.1693	.1248	.2184	.1460	.2416	.3003	.0454	.1684	.1081	.2293	.1320	.1450	.2140
-1.20000	.1977	.0758	.1107	.0954	.2202	.1437	.2427	.2445	.0529	.0964	.0934	.2372	.1390	.1372	.2140
-.40000	.1947	.2268	.1397	.0987	.2208	.1543	.2416	.3331	.0672	.1143	.0909	.2505	.1444	.1287	.2095

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1709	.2171	.1818	.1484
-1.20000	.1725	.2293	.1821	.1378
-.40000	.1601	.2180	.1768	.1280

MACH (4) = 1.049 RN/L (1) = 4.463 P = 1017.1 PT = 2039.8 TTF = 73.744 Q = 783.02

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0810	.0315	.0355	.0463	.0381	.0513	.0395	.0301	.1633	.0363	.0262	.1259	.0415	.0890	.0533
-1.20000	.0553	.0288	.0370	.0512	.0390	.0334	.0409	.0248	.1574	.0229	.0148	.0899	.0475	.1027	.0533
-.40000	.0388	.0222	.0354	.0528	.0360	.0260	.0355	.0171	.1348	.0597	.0185	.0990	.0490	.1127	.0563

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1735	.0683	.1256	.0469	.2288	.0692	.2148	.2162	-.0137	.0982	.0473	.2154	.1008	.0657	.1982
-1.20000	.1664	.0087	.0427	.0457	.2202	.0794	.2052	.1511	-.0083	.0143	.0413	.2037	.1001	.0708	.1900

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW80)

MACH (4) = 1.049 RN/L (1) = 4.463

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.1475	.1544	.0840	.0410	.1960	.0780	.2246	.2424	.0138	.0566	.0338	.2111	.0991	.0740	.1849

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1288	.2239	.1697	.0868
-1.20000	.1251	.2297	.1783	.0908
-.40000	.1218	.2353	.1839	.0722

MACH (5) = 1.098 RN/L (1) = 4.504 P = 959.06 PT = 2042.6 TTF = 73.953 Q = 809.29

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0435	.0276	.0421	.0546	.0280	.0384	.0392	.0118	.0976	.0024	.0037	.0947	.0434	.0568	.0759
-1.20000	.0460	.0238	.0290	.0500	.0250	.0274	.0359	.0212	.0978	-.0105	-.0010	.0694	.0627	.0551	.0712
-.40000	.0370	.0232	.0225	.0521	.0340	.0034	.0384	.0163	.0732	.0331	-.0017	.0510	.0653	.0575	.0811

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0997	.0411	.0962	.0516	.1736	.0444	.1866	.1488	-.0296	.0666	.0476	.1733	.0404	.0464	.1560
-1.20000	.0948	-.0134	.0037	.0493	.1838	.0479	.1687	.1314	-.0251	-.0136	.0424	.1473	.0275	.0457	.1452
-.40000	.0525	.0822	.0390	.0434	.1521	.0467	.1771	.1816	-.0157	.0169	.0408	.1692	.0288	.0399	.1405

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0770	.1844	.0951	.0528
-1.20000	.0573	.1913	.1124	.0500
-.40000	.0279	.1944	.1159	.0420

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW80)

MACH (6) = 1.249 RN/L (1) = 4.524 P = 787.19 PT = 2037.6 TTF = 74.406 Q = 860.22

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0212	.0184	.0258	.0274	.0304	.0166	.0192	.0117	.0470	-.0102	-.0086	.0782	.0281	.0331	.0414
-1.20000	.0182	.0190	.0235	.0323	.0306	.0115	.0208	.0109	.0446	-.0094	-.0122	.0492	.0279	.0280	.0427
-.40000	.0190	.0170	.0190	.0414	.0259	.0144	.0223	.0128	.0413	.0165	-.0022	.0464	.0318	.0336	.0493

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0477	.0235	.0798	.0281	.0443	.0269	.0527	.1379	.0295	.0370	.0253	.0458	.0116	.0285	.0515
-1.20000	.0403	-.0142	-.0028	.0258	.0416	.0277	.0343	.0725	-.0203	-.0144	.0264	.0344	.0121	.0285	.0555
-.40000	.0463	.1187	.0341	.0246	.0506	.0282	.0389	.1906	.0589	-.0014	.0231	.0604	.0066	.0269	.0481

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0221	.0373	.0235	.0331
-1.20000	.0209	.0340	.0290	.0316
-.40000	.0102	.0275	.0312	.0308

MACH (7) = 1.404 RN/L (1) = 4.511 P = 645.74 PT = 2065.2 TTF = 75.102 Q = 890.40

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0160	.0190	.0308	.0231	.0231	.0137	.0147	.0199	.0341	-.0158	-.0047	.0789	.0343	.0173	.0481
-1.20000	.0167	.0190	.0249	.0255	.0277	.0122	.0214	.0169	.0341	-.0073	-.0091	.0519	.0337	.0112	.0500
-.40000	.0157	.0236	.0198	.0280	.0263	.0124	.0200	.0160	.0280	.0156	-.0015	.0500	.0454	.0366	.0500

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0320	.0252	.0671	.0269	.0111	.0210	.0311	.1467	-.0201	.0222	.0236	.0061	.0050	.0177	.0131
-1.20000	.0294	-.0116	.0051	.0269	.0064	.0220	.0285	.1150	-.0180	-.0094	.0228	.0086	.0118	.0138	.0177
-.40000	.0280	.1038	.0338	.0242	-.0003	.0213	.0288	.1999	-.0217	.0012	.0236	.0317	.0060	.0131	.0110

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0161	.0099	.0119	.0154
-1.20000	.0123	.0120	.0110	.0147
-.40000	.0079	.0079	.0143	.0160

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW81) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .067 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 4.469 P = 2127.5 PT = 2718.7 TTF = 79.972 Q = 540.42

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0120	-.0079	.0356	.0593	.0209	.0154	-.0037	.0254	.0398	.0031	-.0214	.0805	.0511	.0237	.0448
-1.20000	.0083	-.0111	.0361	.0712	.0238	.0256	-.0151	.0277	.0445	.0031	-.0249	.0350	.0548	.0240	.0526
-.40000	.0125	-.0200	.0406	.0683	.0201	.0193	-.0169	.0243	.0398	.0300	-.0243	.0519	.0558	.0318	.0464

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0385	.0645	.0642	.0495	.1731	.0631	.0514	.2232	-.0848	.1063	.0501	.0945	-.0365	.0390	.0201
-1.20000	.0329	-.0051	-.0126	.0422	.1438	.0809	.0529	.1941	-.0748	.0044	.0530	.0527	-.0863	.0472	.0209
-.40000	.0398	.1783	.0448	.0411	.0883	.0673	.0527	.2673	-.0793	.0277	.0364	.0358	-.0913	.0288	.0269

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0258	.0293	.0611	.0301
-1.20000	.0101	.0403	.0521	.0201
-.40000	.0279	.0435	.0440	.0217

MACH (2) = .802 RN/L (1) = 4.511 P = 1488.1 PT = 2272.5 TTF = 73.674 Q = 669.65

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.1061	.0675	.0796	.1135	.0572	.1088	.0625	.0754	.1573	.0886	.0675	.1438	.1070	.1442	.1170
-1.20000	.1048	.0597	.0698	.0994	.0482	.0934	.0604	.0529	.1484	.0883	.0690	.1189	.1051	.1292	.1136
-.40000	.0967	.0522	.0607	.0982	.0529	.0912	.0503	.0533	.1451	.1110	.0681	.1389	.1136	.1381	.1102

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1568	.1465	.1496	.1080	.2683	.1221	.2145	.3027	-.0038	.1807	.1123	.2220	.0889	.1214	.1785
-1.20000	.1360	.0717	.0835	.1051	.2450	.1492	.2052	.2624	.0038	.0925	.1061	.1973	.0685	.1265	.1832
-.40000	.1413	.2212	.1200	.0985	.2011	.1518	.2009	.3258	.0087	.1057	.0983	.2065	.0595	.1208	.1771

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TWB1)

MACH (2) = .802 RN/L (1) = 4.511

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1485	.2073	.1614	.1068
-1.20000	.1387	.1980	.1555	.0991
-.40000	.1542	.1967	.1549	.1076

MACH (3) = .898 RN/L (1) = 4.503 P = 1271.0 PT = 2145.1 TTF = 71.408 Q = 717.54

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0781	.0449	.0698	.0862	.0403	.0713	.0439	.0440	.1484	.0683	.0403	.1267	.0914	.1094	.0956
-1.20000	.0765	.0354	.0506	.0795	.0378	.0682	.0344	.0274	.1364	.0642	.0403	.1109	.0823	.1018	.1010
-.40000	.0729	.0342	.0460	.0870	.0342	.0696	.0242	.0274	.1320	.0843	.0455	.1089	.0883	.1203	.0984

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1557	.1189	.1298	.0881	.2600	.1016	.2024	.2638	-.0272	.1515	.0930	.2158	.0763	.1112	.1779
-1.20000	.1228	.0395	.0575	.0819	.2358	.1170	.1897	.2048	-.0082	.0621	.0825	.1937	.0338	.1013	.1744
-.40000	.1396	.1936	.0956	.0784	.1897	.1265	.1915	.2893	.0050	.0909	.0715	.2077	.0405	.1001	.1720

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1294	.2049	.1422	.0802
-1.20000	.1347	.1972	.1297	.0863
-.40000	.1337	.1988	.1335	.0932

MACH (4) = 1.049 RN/L (1) = 4.507 P = 1025.5 PT = 2058.7 TTF = 73.116 Q = 789.52

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0335	.0095	.0452	.0603	.0271	.0280	.0186	.0291	.1319	.0220	.0204	.0930	.0453	.0571	.0862
-1.20000	.0382	.0080	.0400	.0603	.0248	.0253	.0155	.0275	.1208	.0160	.0191	.0761	.0428	.0809	.0636
-.40000	.0308	.0097	.0314	.0610	.0255	.0292	.0084	.0151	.0953	.0386	.0193	.0703	.0476	.0956	.0665

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1437	.0607	.0828	.0399	.2169	.0511	.1980	.1834	-.0548	.0940	.0446	.2102	.0551	.0564	.1960
-1.20000	.1489	-.0041	.0252	.0457	.2078	.0798	.2032	.1414	-.0221	.0147	.0403	.1982	.0059	.0464	.1886

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW81)

MACH (4) = 1.049 RN/L (1) = 4.507

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.1491	.1484	.0539	.0374	.1668	.0676	.1958	.2154	-.0149	.0400	.0356	.1974	.0141	.0383	.1786

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1201	.2192	.1239	.0435
-1.20000	.1165	.2208	.1063	.0430
-.40000	.1000	.2106	.1113	.0457

MACH (5) = 1.094 RN/L (1) = 4.489 P = 957.64 PT = 2029.9 TTF = 72.559 Q = 802.42

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0193	.0085	.0347	.0673	.0297	.0173	.0144	.0196	.0944	.0082	.0146	.0631	.0534	.0392	.0498
-1.20000	.0173	.0067	.0335	.0686	.0336	.0140	.0105	.0235	.0921	.0055	.0121	.0552	.0518	.0459	.0503
-.40000	.0157	.0018	.0290	.0584	.0311	.0113	.0010	.0148	.0666	.0079	.0209	.0570	.0502	.0655	.0521

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1046	.0275	.0601	.0408	.1768	.0463	.1450	.1470	-.0260	.0308	.0408	.1711	.0020	.0313	.1902
-1.20000	.0984	-.0141	.0126	.0391	.1798	.0523	.1383	.1283	-.0150	.0011	.0412	.1615	-.0327	.0288	.1782
-.40000	.0857	.0554	.0262	.0366	.1323	.0473	.1493	.1520	-.0161	.0260	.0318	.1558	-.0278	.0212	.1504

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0844	.2287	.0488	.0285
-1.20000	.0802	.2239	.0471	.0281
-.40000	.0611	.2054	.0665	.0228

OA-252 (P45) TILE WALL PRESS 45 DEG PANEL (R3TW81)

MACH (5) = 1.250 RN/L (1) = 4.584 P = 791.44 PT = 2049.7 TTF = 71.478 Q = 865.39

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0101	-.0015	.0310	.0530	.0215	.0085	.0038	.0272	.0446	.0009	.0023	.0607	.0353	.0262	.0446
-1.20000	.0094	-.0004	.0315	.0550	.0173	.0067	.0003	.0248	.0384	-.0012	.0033	.0477	.0315	.0096	.0457
-.40000	.0055	-.0059	.0291	.0532	.0185	.0071	-.0080	.0223	.0346	-.0002	.0123	.0497	.0376	.0391	.0416

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0370	.0235	.0642	.0346	.1297	.0395	.0424	.1485	-.0251	.0309	.0320	.0778	-.0073	.0295	.0191
-1.20000	.0358	-.0146	.0043	.0327	.0954	.0470	.0352	.1215	-.0189	-.0079	.0330	.0701	-.0141	.0287	.0232
-.40000	.0361	.0902	.0257	.0309	.0569	.0454	.0361	.1548	-.0236	.0261	.0307	.0420	-.0112	.0259	.0161

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0140	.0435	.0043	.0261
-1.20000	.0153	.0393	-.0022	.0248
-.40000	.0140	.0309	.0151	.0209

MACH (7) = 1.401 RN/L (1) = 4.615 P = 654.22 PT = 2084.3 TTF = 69.838 Q = 898.59

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0110	-.0006	.0335	.0508	.0230	.0113	.0012	.0342	.0426	-.0019	-.0053	.0575	.0411	.0210	.0444
-1.20000	.0101	-.0024	.0367	.0469	.0185	.0083	-.0014	.0323	.0423	-.0050	.0021	.0432	.0392	.0052	.0411
-.40000	.0088	-.0041	.0332	.0478	.0191	.0074	-.0065	.0290	.0408	.0022	.0124	.0391	.0503	.0323	.0378

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0347	.0210	.0502	.0378	.1019	.0344	.0402	.1423	-.0241	.0254	.0353	.0637	.0044	.0274	.0091
-1.20000	.0402	-.0133	.0001	.0359	.0846	.0436	.0386	.1081	-.0180	-.0098	.0337	.0568	.0013	.0295	.0085
-.40000	.0364	.0754	.0273	.0351	.0516	.0430	.0415	.1483	-.0235	.0241	.0331	.0361	.0013	.0243	.0090

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0110	.0323	.0131	.0251
-1.20000	.0091	.0225	.0145	.0227
-.40000	.0112	.0225	.0099	.0224

OA-252 (P45+A) TILE WALL PRESS 45 DEG PANEL (R3TW82) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 45.000
GAP = .030 STEP-F = -.020
STEP-A = -.020

MACH (1) = 1.049 RN/L (1) = 4.502 P = 1027.0 PT = 2059.6 TTF = 74.127 Q = 790.81

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0613	.0539	.0167	.0495	.0185	.0362	.0810	.0045	.1582	.1154	.1159	.0933	.0337	.0849	.0242
-1.20000	.0530	.0214	.0194	.0518	.0214	.0309	.0701	.0158	.1432	.0917	.1208	.0941	.0310	.0963	.0217
-.40000	.0455	.0080	.0140	.0450	.0141	.0126	.0664	.0045	.1108	.0764	.1300	.0973	.0409	.0981	.0168

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1998	.0922	.0815	.0385	.2222	.0558	.2387	.1229	.0604	.0717	.0398	.2265	.1284	.0561	.1993
-1.20000	.2040	.0749	.0651	.0333	.2413	.0594	.2601	.0700	.0631	.0663	.0375	.2210	.1234	.0534	.2063
-.40000	.2029	.0613	.0587	.0319	.2220	.0558	.2426	.0553	.0529	.0617	.0292	.2433	.1216	.0403	.1986

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.1352	.2229	.1467	.0766
-1.20000	.1177	.2215	.1585	.0631
-.40000	.1168	.2319	.1603	.0567

MACH (2) = 1.096 RN/L (1) = 4.507 P = 965.42 PT = 2050.4 TTF = 75.137 Q = 811.29

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0481	.0556	.0153	.0493	.0214	.0415	.0895	.0119	.1260	.0753	.1106	.1081	.0303	.0710	.0319
-1.20000	.0453	.0121	.0242	.0531	.0221	.0348	.0786	.0184	.1113	.0648	.1147	.1046	.0414	.0778	.0368
-.40000	.0416	.0167	.0153	.0510	.0232	.0226	.0706	.0058	.0677	.0306	.1264	.1046	.0415	.0707	.0344

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.1637	.0734	.0661	.0464	.2161	.0349	.2121	.0982	.0548	.0602	.0438	.1870	.0746	.0356	.1892
-1.20000	.1716	.0403	.0633	.0408	.1800	.0314	.2135	.0272	.0499	.0594	.0377	.1506	.0471	.0389	.1842
-.40000	.1550	.0108	.0837	.0415	.1793	.0265	.2174	.0094	.0366	.0546	.0379	.1990	.0181	.0268	.1702

OA-252 (P45+A) TILE WALL PRESS 45 DEG PANEL (R3TW82)

MACH (2) = 1.096 RN/L (1) = 4.507

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0982	.2340	.1045	.0387
-1.20000	.0933	.2314	.1184	.0478
-.40000	.0618	.2347	.1429	.0307

MACH (3) = 1.249 RN/L (1) = 4.554 P = 799.21 PT = 2068.1 TTF = 77.643 Q = 873.00

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0275	.0427	.0195	.0288	.0196	.0244	.0544	.0112	.0590	.0255	.0921	.0799	.0235	.0338	.0194
-1.20000	.0239	.0049	.0122	.0394	.0197	.0262	.0480	.0118	.0375	.0090	.0974	.0810	.0253	.0357	.0201
-.40000	.0246	.0070	.0070	.0394	.0173	.0212	.0492	.0058	.0363	-.0038	.1176	.0835	.0339	.0357	.0194

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0823	.0266	.0486	.0261	.0954	.0273	.1171	.0326	.0327	.0357	.0230	.0885	.0370	.0287	.0620
-1.20000	.0625	.0214	.0452	.0258	.1002	.0258	.1171	.0065	.0378	.0319	.0203	.0758	.0309	.0227	.0724
-.40000	.0651	.0096	.0429	.0258	.1019	.0250	.1278	.0024	.0296	.0316	.0209	.1091	.0301	.0203	.0674

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0355	.0752	.0304	.0274
-1.20000	.0285	.0706	.0352	.0317
-.40000	.0204	.0448	.0213	.0274

MACH (4) = 1.403 RN/L (1) = 4.511 P = 659.18 PT = 2107.0 TTF = 83.167 Q = 908.39

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000	13.0000	14.0000	15.0000
Z															
-2.00000	.0231	.0416	.0224	.0356	.0284	.0211	.0425	.0198	.0494	.0197	.0847	.0624	.0332	.0271	.0360
-1.20000	.0199	.0158	.0153	.0372	.0260	.0222	.0280	.0201	.0219	.0085	.0834	.0654	.0339	.0239	.0307
-.40000	.0191	.0125	.0160	.0428	.0249	.0205	.0268	.0134	.0152	-.0129	.1016	.0686	.0447	.0233	.0205

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-2.00000	.0566	.0207	.0387	.0339	.0675	.0288	.1021	.0215	.0273	.0273	.0290	.0551	.0217	.0209	.0302
-1.20000	.0459	.0158	.0368	.0307	.0605	.0285	.1355	.0132	.0237	.0267	.0248	.0432	.0219	.0220	.0282

OA-252 (P45+A) TILE WALL PRESS 45 DEG PANEL (R3TW82)

MACH (4) = 1.403 RN/L (1) = 4.511

SECTION (1)45 DEG WALL PRESS DEPENDENT VARIABLE CP

POS NO	16.0000	17.0000	18.0000	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
Z															
-.40000	.0402	.0046	.0304	.0276	.0505	.0244	.1271	.0140	.0231	.0203	.0217	.0846	.0167	.0176	.0241

POS NO	31.0000	32.0000	33.0000	34.0000
Z				
-2.00000	.0197	.0529	.0199	.0224
-1.20000	.0195	.0427	.0224	.0224
-.40000	.0158	.0396	.0078	.0201

OA-252 (P90) FIXTURE PRESSURES (R3TF01) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .603 RN/L (1) = 2.025 P = 937.84 PT = 1198.8 TTF = 68.790 Q = 238.51

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0145	.0045	.0027	.0080	-.0002	.0033	-.0002	
-12.0000	.0001								.0063
-9.0000	.0078								.0092
-6.0000	-.0010								.0045
-3.0000	.0037								.0086
.0000	-.0051								.0074
3.0000	.0054								.0033
6.0000	.0078								.0110
9.0000	.0148								.0086
12.0000	.0178								.0133
14.4750		.0119	.0119		.0248	.0101		-.0004	

MACH (2) = .896 RN/L (1) = 1.980 P = 562.28 PT = 947.03 TTF = 72.628 Q = 316.07

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0033	-.0039	-.0056	-.0056	-.0043	-.0061	-.0003	
-12.0000	-.0005								.0055
-9.0000	-.0005								.0015
-6.0000	-.0050								.0059
-3.0000	-.0090								.0006
.0000	-.0165								-.0003
3.0000	-.0019								.0010
6.0000	.0093								.0117
9.0000	.0217								.0202
12.0000	.0391								.0335
14.4750		.0382	.0502		.0528	.0426		.0462	

OA-252 (P90) FIXTURE PRESSURES (R3TF01)

MACH (3) = 1.081 RN/L (1) = 1.983 P = 429.31 PT = 895.40 TTF = 71.164 Q = 351.15

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0001	-.0061	-.0001	-.0009	-.0077	-.0049	.0011	
-12.0000	.0034								.0051
-9.0000	.0066								.0063
-6.0000	.0022								.0119
-3.0000	.0082								.0183
.0000	.0285								.0398
3.0000	.1015								.1021
6.0000	.1725								.1731
9.0000	.2403								.2434
12.0000	.2937								.2925
14.4750		.3104	.3104		.3132	.3025		.3148	

MACH (4) = 1.255 RN/L (1) = 2.049 P = 352.22 PT = 918.74 TTF = 72.419 Q = 388.45

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0271	.0162	.0108	.0054	.0083	.0184	.0122	
-12.0000	.0164								.0238
-9.0000	.0149								.0075
-6.0000	.0109								.0140
-3.0000	.0149								.0104
.0000	.0109								.0206
3.0000	.0312								.0296
6.0000	.0811								.0701
9.0000	.2712								.2332
12.0000	.3579								.3366
14.4750		.4028	.4020		.4093	.3941		.3908	

OA-252 (P90) FIXTURE PRESSURES (R3TF02) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	-.003	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .608 RN/L (1) = 2.046 P = 943.50 PT = 1210.8 TTF = 71.024 Q = 243.96

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0011	-.0099	-.0030	-.0041	-.0030	.0051	-.0030	
-12.0000	-.0045								
-9.0000	.0064								.0034
-6.0000	-.0056								.0074
-3.0000	-.0120								.0028
.0000	-.0165								.0028
3.0000	-.0097								.0074
6.0000	-.0045								.0068
9.0000	.0076								.0057
12.0000	.0099								.0062
14.4750		.0099	.0116		.0156	.0018		.0018	.0074

MACH (2) = .903 RN/L (1) = 2.030 P = 572.18 PT = 971.08 TTF = 74.022 Q = 326.71

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0090	.0009	.0009	.0030	-.0039	.0056	.0086	
-12.0000	.0049								
-9.0000	.0053								.0047
-6.0000	-.0063								-.0004
-3.0000	-.0033								.0009
.0000	-.0148								.0039
3.0000	-.0033								.0077
6.0000	.0045								.0004
9.0000	.0173								.0086
12.0000	.0315								.0193
14.4750		.0456	.0456		.0512	.0452		.0375	.0378

OA-252 (P90) FIXTURE PRESSURES (R3TF03) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	-.003	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .602 RN/L (1) = 2.034 P = 946.33 PT = 1209.4 TTF = 70.431 Q = 240.46

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0091	.0062	.0062	.0050	.0027	.0038	.0015	
-12.0000	-.0009								
-9.0000	.0043								.0091
-6.0000	-.0033								.0027
-3.0000	-.0056								.0120
.0000	-.0074								.0003
3.0000	.0020								-.0003
6.0000	.0002								-.0003
9.0000	.0130								.0143
12.0000	.0130								.0120
14.4750		.0119	.0107		.0148	.0043		.0008	.0050

MACH (2) = .903 RN/L (1) = 2.034 P = 572.89 PT = 971.79 TTF = 73.395 Q = 326.77

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0000	-.0004	-.0026	-.0017	.0026	-.0017	-.0017	
-12.0000	-.0041								
-9.0000	.0014								.0008
-6.0000	-.0029								.0043
-3.0000	-.0076								.0043
.0000	-.0179								-.0017
3.0000	-.0033								.0008
6.0000	-.0029								-.0026
9.0000	.0143								.0060
12.0000	.0302								.0129
14.4750		.0413	.0409		.0512	.0370		.0398	.0253

OA-252 (P90) FIXTURE PRESSURES (R3TF04) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 80.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .604 RN/L (1) = 4.612 P = 2187.6 PT = 2798.0 TTF = 79.347 Q = 557.89

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0067	.0062	.0069	.0037	.0001	.0145	.0150
-12.0000	.0095								.0054
-9.0000	.0190								.0044
-6.0000	-.0061								.0032
-3.0000	-.0021								.0067
.0000	-.0104								.0017
3.0000	-.0028								-.0079
6.0000	-.0064								.0001
9.0000	.0057								.0102
12.0000	.0150								.0100
14.4750			.0097	.0097		.0097	.0070		.0049

MACH (2) = .797 RN/L (1) = 4.544 P = 1532.7 PT = 2329.0 TTF = 79.521 Q = 681.22

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0042	.0031	.0005	.0005	-.0002	.0007	.0130
-12.0000	.0074								.0015
-9.0000	.0047								.0074
-6.0000	-.0010								.0107
-3.0000	-.0060								.0087
.0000	-.0160								.0025
3.0000	.0037								.0095
6.0000	.0145								.0241
9.0000	.0258								.0309
12.0000	.0519								.0438
14.4750			.0510	.0519		.0545	.0490		.0533

OA-252 (P90) FIXTURE PRESSURES (R3TF04)

MACH (3) = .900 RN/L (1) = 4.589 P = 1324.7 PT = 2241.3 TTF = 82.091 Q = 751.65

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0025	-.0082	-.0064	-.0017	-.0032	-.0028	.0001	
-12.0000	-.0050								-.0025
-9.0000	-.0002								-.0021
-6.0000	-.0099								.0048
-3.0000	-.0099								.0084
.0000	-.0234								-.0028
3.0000	-.0119								.0074
6.0000	-.0056								.0048
9.0000	.0110								.0188
12.0000	.0296								.0292
14.4750		.0478	.0493		.0510	.0398		.0452	

MACH (4) = 1.054 RN/L (1) = 4.530 P = 1014.9 PT = 2047.5 TTF = 69.663 Q = 788.69

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0035	-.0054	.0029	.0070	-.0017	-.0044	.0006	
-12.0000	-.0059								-.0045
-9.0000	-.0029								-.0072
-6.0000	-.0080								.0006
-3.0000	-.0139								.0102
.0000	-.0071								.0148
3.0000	.0664								.0625
6.0000	.1336								.1529
9.0000	.2198								.2432
12.0000	.2598								.3083
14.4750		.3317	.3335		.3377	.3368		.3356	

MACH (5) = 1.100 RN/L (1) = 4.579 P = 964.72 PT = 2061.0 TTF = 71.024 Q = 817.75

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0055	-.0015	-.0029	-.0079	-.0127	-.0062	-.0070	
-12.0000	-.0076								-.0022
-9.0000	-.0021								-.0055
-6.0000	-.0040								.0050
-3.0000	-.0059								.0091
.0000	-.0112								.0054
3.0000	.0093								.0262

OA-252 (P90) FIXTURE PRESSURES (R3TF04)

MACH (5) = 1.100 RN/L (1) = 4.579

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.0986								.1039
9.0000	.1980								.2032
12.0000	.2922								.2874
14.4750		.3179	.3271		.3290	.3348		.3280	

MACH (6) = 1.251 RN/L (1) = 4.535 P = 786.48 PT = 2039.8 TTF = 73.779 Q = 861.45

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0005	-.0079	-.0004	.0021	-.0052	-.0075	-.0051	
-12.0000	-.0031								.0029
-9.0000	-.0025								-.0043
-6.0000	-.0098								.0011
-3.0000	-.0033								-.0002
.0000	-.0140								.0076
3.0000	-.0001								.0067
6.0000	.0762								.1375
9.0000	.2952								.2709
12.0000	.3830								.3789
14.4750		.4367	.4363		.4367	.4497		.4308	

MACH (7) = 1.403 RN/L (1) = 4.552 P = 659.18 PT = 2107.0 TTF = 79.521 Q = 908.39

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0156	.0136	-.0019	.0042	.0090	.0175	.0187	
-12.0000	.0119								.0187
-9.0000	.0064								-.0011
-6.0000	-.0077								-.0001
-3.0000	-.0011								-.0011
.0000	-.0096								.0057
3.0000	-.0031								-.0076
6.0000	-.0072								.0067
9.0000	-.0052								.0073
12.0000	.0088								.0125
14.4750		.2604	.2689		.2017	.2408		.1607	

OA-252 (P90) FIXTURE PRESSURES (R3TF05) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .604 RN/L (1) = 4.619 P = 2187.6 PT = 2798.0 TTF = 78.721 Q = 557.69

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0075	.0034	.0087	.0027	.0024	-.0016	.0085	
-12.0000	.0001								
-9.0000	.0049								.0064
-6.0000	-.0037								.0057
-3.0000	-.0024								.0090
.0000	-.0077								.0168
3.0000	.0019								.0080
6.0000	.0004								.0115
9.0000	.0154								.0125
12.0000	.0154								.0054
14.4750		.0214	.0209		.0280	.0212		.0112	.0125

MACH (2) = 1.251 RN/L (1) = 4.550 P = 785.07 PT = 2036.9 TTF = 71.861 Q = 860.33

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0022	-.0073	.0022	.0024	-.0037	-.0058	-.0045	
-12.0000	-.0015								
-9.0000	.0000								.0073
-6.0000	-.0065								-.0011
-3.0000	-.0041								.0065
.0000	-.0121								.0027
3.0000	-.0007								.0125
6.0000	.1501								.0171
9.0000	.2724								.1170
12.0000	.3723								.2745
14.4750		.4399	.4414		.4456	.4442		.4468	.3916

OA-252 (P90) FIXTURE PRESSURES (R3TF06) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = -.001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 6.125 P = 2935.2 PT = 3749.2 TTF = 82.299 Q = 744.17

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0092	-.0048	-.0042	.0024	-.0006	-.0048	-.0027	
-12.0000	-.0089								.0120
-9.0000	-.0014								.0090
-6.0000	-.0040								.0139
-3.0000	-.0042								.0080
.0000	-.0166								.0080
3.0000	-.0117								.0041
6.0000	-.0051								.0099
9.0000	.0099								.0047
12.0000	.0137								.0165
14.4750		.0158	.0175		.0167	.0113		.0020	

MACH (2) = .898 RN/L (1) = 6.133 P = 1768.9 PT = 2984.0 TTF = 80.007 Q = 997.57

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0067	-.0051	-.0040	-.0016	-.0100	-.0006	.0005	
-12.0000	-.0041								.0032
-9.0000	.0061								.0012
-6.0000	-.0144								-.0045
-3.0000	-.0130								-.0024
.0000	-.0196								-.0021
3.0000	-.0094								-.0052
6.0000	-.0012								.0029
9.0000	.0170								.0173
12.0000	.0286								.0266
14.4750		.0370	.0460		.0532	.0419		.0390	

OA-252 (P90) FIXTURE PRESSURES (R3TF06)

MACH (3) = 1.101 RN/L (1) = 5.989 P = 1329.7 PT = 2843.2 TTF = 93.068 Q = 1128.6

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0081	.0032	.0037	-.0049	-.0162	-.0095	.0017	
-12.0000	-.0021								.0042
-9.0000	.0012								-.0037
-6.0000	-.0059								.0065
-3.0000	-.0045								.0047
.0000	-.0152								.0033
3.0000	-.0087								-.0005
6.0000	-.0062								.0012
9.0000	.0245								.0361
12.0000	.1205								.1490
14.4750		.2146	.2155		.2160	.2154		.2053	

MACH (4) = 1.250 RN/L (1) = 6.112 P = 1053.8 PT = 2730.8 TTF = 71.129 Q = 1153.1

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0003	-.0071	-.0027	-.0018	-.0058	-.0099	-.0097	
-12.0000	-.0086								.0004
-9.0000	.0009								-.0012
-6.0000	-.0032								.0013
-3.0000	-.0095								-.0025
.0000	-.0176								.0082
3.0000	-.0084								-.0040
6.0000	.0495								.0892
9.0000	.2658								.2618
12.0000	.3768								.3716
14.4750		.4302	.4463		.4415	.4486		.4386	

OA-252 (P90) FIXTURE PRESSURES (R3TF07) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = -.002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.100 RN/L (1) = 5.995 P = 1331.8 PT = 2842.5 TTF = 92.446 Q = 1127.4

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0068	-.0044	.0043	-.0078	-.0122	-.0174	-.0034	
-12.0000	-.0044								
-9.0000	-.0052								.0007
-6.0000	-.0075								-.0011
-3.0000	-.0100								.0038
.0000	-.0125								.0055
3.0000	-.0138								.0028
6.0000	-.0013								-.0034
9.0000	.0417								-.0002
12.0000	.1343								.0337
14.4750		.2205	.2118		.2212	.2075		.2030	.1622

MACH (2) = 1.251 RN/L (1) = 6.095 P = 1051.7 PT = 2728.6 TTF = 71.896 Q = 1152.5

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0007	-.0083	-.0036	-.0051	-.0026	-.0096	-.0091	
-12.0000	-.0100								
-9.0000	.0016								.0024
-6.0000	-.0006								-.0049
-3.0000	-.0103								.0021
.0000	-.0214								-.0002
3.0000	-.0100								.0095
6.0000	.1002								.0050
9.0000	.2584								.0955
12.0000	.3747								.2860
14.4750		.4630	.4369		.4526	.4537		.4333	.3831

OA-252 (P90) FIXTURE PRESSURES (R3TF08) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.414 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .598 RN/L (1) = 2.021 P = 948.45 PT = 1208.0 TTF = 70.675 Q = 237.54

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0139	.0014	.0032	.0074	-.0080	-.0033	.0026	
-12.0000	-.0045								-.0039
-9.0000	-.0045								.0068
-6.0000	-.0139								.0091
-3.0000	-.0063								.0056
.0000	-.0222								-.0062
3.0000	-.0175								-.0234
6.0000	-.0322								-.0417
9.0000	-.0665								-.0749
12.0000	-.1285								-.1394
14.4750		-.1781	-.1309		-.1379	-.1397		-.1881	

MACH (2) = .900 RN/L (1) = 2.002 P = 575.01 PT = 972.50 TTF = 79.833 Q = 326.00

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0054	-.0093	-.0062	-.0002	-.0093	-.0050	-.0032	
-12.0000	-.0073								-.0007
-9.0000	-.0026								-.0002
-6.0000	-.0146								-.0007
-3.0000	-.0116								-.0007
.0000	-.0236								.0011
3.0000	-.0151								-.0067
6.0000	-.0146								-.0067
9.0000	-.0129								-.0166
12.0000	-.0451								-.0578
14.4750		-.1790	-.1215		-.1082	-.1438		-.1825	

OA-252 (P90) FIXTURE PRESSURES (R3TF08)

MACH (3) = 1.099 RN/L (1) = 2.015 P = 421.53 PT = 898.94 TTF = 67.323 Q = 356.38

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0100	-.0120	-.0081	-.0160	-.0231	-.0124	-.0164	
-12.0000	-.0068								.0021
-9.0000	-.0111								-.0049
-6.0000	-.0068								.0069
-3.0000	-.0115								.0002
.0000	-.0147								.0014
3.0000	-.0115								.0010
6.0000	-.0119								-.0089
9.0000	.0120								.0053
12.0000	.0109								.0167
14.4750		.0219	.0344		.0434	.0246		.0195	

MACH (4) = 1.249 RN/L (1) = 2.012 P = 348.68 PT = 901.77 TTF = 72.349 Q = 380.63

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0145	.0075	.0108	-.0018	.0004	.0063	-.0025	
-12.0000	-.0026								.0093
-9.0000	-.0007								-.0044
-6.0000	-.0040								.0063
-3.0000	.0015								-.0114
.0000	-.0085								.0034
3.0000	-.0011								-.0032
6.0000	-.0040								.0034
9.0000	-.0033								-.0051
12.0000	-.0059								-.0088
14.4750		.0515	.0515		.0637	-.0029		-.0044	

OA-252 (P90) FIXTURE PRESSURES (R3TF09) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.413 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .597 RN/L (1) = 2.018 P = 949.86 PT = 1208.7 TTF = 70.954 Q = 236.97

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0054	-.0023	-.0005	-.0052	-.0082	-.0011	.0007	
-12.0000	-.0084								-.0029
-9.0000	.0035								.0031
-6.0000	-.0149								-.0017
-3.0000	-.0184								-.0052
.0000	-.0267								-.0064
3.0000	-.0232								-.0230
6.0000	-.0385								-.0295
9.0000	-.0687								-.0692
12.0000	-.1166								-.1492
14.4750		-.1450	-.1433		-.1291	-.1563		-.2077	

MACH (2) = .900 RN/L (1) = 2.001 P = 575.72 PT = 973.91 TTF = 80.598 Q = 326.55

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0086	-.0026	.0000	.0048	-.0064	-.0056	-.0030	
-12.0000	-.0076								-.0004
-9.0000	-.0037								.0009
-6.0000	-.0127								.0022
-3.0000	-.0087								-.0004
.0000	-.0191								.0039
3.0000	-.0097								-.0034
6.0000	-.0140								-.0047
9.0000	-.0149								-.0185
12.0000	-.0402								-.0619
14.4750		-.1336	-.1323		-.1083	-.1469		-.1787	

OA-252 (P90) FIXTURE PRESSURES (R3TF09)

MACH (3) = 1.250 RN/L (1) = 2.019 P = 348.68 PT = 903.89 TTF = 72.036 Q = 381.70

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0146	.0073	.0076	-.0023	.0040	.0065	-.0060	
-12.0000	-.0015								.0124
-9.0000	-.0004								-.0023
-6.0000	.0004								.0051
-3.0000	.0022								-.0133
.0000	-.0081								.0080
3.0000	.0004								-.0045
6.0000	-.0059								.0014
9.0000	-.0011								-.0067
12.0000	-.0037								-.0038
14.4750		.0503	.0517		.0738	-.0055		-.0062	

OA-252 (P90) FIXTURE PRESSURES (R3TF10) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.390 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .603 RN/L (1) = 4.566 P = 2191.8 PT = 2801.5 TTF = 83.687 Q = 557.18

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0217	.0006	-.0039	.0039	.0024	.0016	.0092	
-12.0000	-.0046								-.0034
-9.0000	.0032								.0006
-6.0000	-.0066								-.0004
-3.0000	-.0126								.0021
.0000	-.0342								.0024
3.0000	-.0211								-.0213
6.0000	-.0277								-.0409
9.0000	-.0578								-.0738
12.0000	-.1274								-.1485
14.4750		-.1465	-.1573		-.1259	-.1422		-.1910	

MACH (2) = .794 RN/L (1) = 4.482 P = 1535.5 PT = 2326.9 TTF = 84.173 Q = 677.71

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0131	-.0028	-.0034	.0022	.0007	.0003	.0129	
-12.0000	.0015								-.0007
-9.0000	.0010								.0048
-6.0000	-.0060								-.0009
-3.0000	-.0150								.0005
.0000	-.0243								-.0044
3.0000	-.0148								-.0096
6.0000	-.0130								-.0067
9.0000	-.0177								-.0292
12.0000	-.0414								-.0646
14.4750		-.1070	-.1052		-.0808	-.0943		-.1314	

OA-252 (P90) FIXTURE PRESSURES (R3TF10)

MACH (3) = .900 RN/L (1) = 4.422 P = 1303.5 PT = 2204.6 TTF = 90.683 Q = 739.00

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0135	-.0002	.0084	.0126	.0031	.0076	.0101	
-12.0000	.0013								.0008
-9.0000	.0070								.0053
-6.0000	-.0047								.0065
-3.0000	-.0028								.0010
.0000	-.0129								.0033
3.0000	-.0102								-.0024
6.0000	-.0104								-.0021
9.0000	-.0091								-.0125
12.0000	-.0322								-.0537
14.4750		-.1506	-.1362		-.1283	-.1332		-.1733	

MACH (4) = 1.048 RN/L (1) = 4.506 P = 1022.0 PT = 2048.3 TTF = 71.512 Q = 785.95

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0157	.0050	.0091	.0048	-.0143	-.0081	-.0111	
-12.0000	.0016								.0093
-9.0000	.0096								.0039
-6.0000	-.0082								.0003
-3.0000	-.0102								.0011
.0000	-.0173								.0091
3.0000	-.0055								.0009
6.0000	-.0082								-.0032
9.0000	-.0004								-.0014
12.0000	.0167								.0129
14.4750		.0216	.0210		.0413	.0349		.0331	

MACH (5) = 1.100 RN/L (1) = 4.575 P = 965.42 PT = 2061.7 TTF = 71.547 Q = 817.88

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0012	-.0136	-.0016	-.0059	-.0131	-.0186	-.0045	
-12.0000	-.0058								.0014
-9.0000	-.0085								-.0103
-6.0000	-.0042								-.0016
-3.0000	-.0145								.0002
.0000	-.0123								.0131
3.0000	.0001								.0034

OA-252 (P90) FIXTURE PRESSURES (R3TF10)

MACH (5) = 1.100 RN/L (1) = 4.575

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.0023								-.0103
9.0000	.0055								-.0028
12.0000	-.0008								.0117
14.4750			.0816	.0983		.1163	.1326	.0933	

MACH (6) = 1.252 RN/L (1) = 4.487 P = 795.68 PT = 2068.1 TTF = 83.652 Q = 873.77

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			-.0061	-.0069	.0043	.0029	-.0109	-.0106	-.0080
-12.0000	-.0054								.0000
-9.0000	-.0049								-.0096
-6.0000	-.0174								-.0011
-3.0000	-.0136								-.0046
.0000	-.0179								.0093
3.0000	-.0083								-.0006
6.0000	-.0049								-.0048
9.0000	.0011								-.0013
12.0000	.0111								-.0109
14.4750			.0526	.0443		.0486	-.0182	.0035	

MACH (7) = 1.400 RN/L (1) = 4.576 P = 660.59 PT = 2101.3 TTF = 78.530 Q = 905.89

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			-.0030	.0164	-.0038	-.0124	-.0026	.0108	.0223
-12.0000	.0130								.0102
-9.0000	-.0014								-.0086
-6.0000	-.0182								-.0040
-3.0000	-.0075								.0030
.0000	-.0079								.0030
3.0000	-.0041								-.0117
6.0000	-.0168								-.0105
9.0000	-.0134								-.0099
12.0000	-.0055								-.0111
14.4750			.0099	.0100		.0089	-.0231	-.0141	

OA-252 (P90) FIXTURE PRESSURES (R3TF11) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	1.331	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .601 RN/L (1) = 4.552 P = 2190.4 PT = 2797.3 TTF = 83.791 Q = 554.78

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			-.0017	-.0076	-.0093	-.0108	-.0119	-.0119	-.0017
-12.0000	-.0068								-.0098
-9.0000	-.0088								-.0073
-6.0000	-.0201								-.0113
-3.0000	-.0257								-.0076
.0000	-.0393								-.0146
3.0000	-.0310								-.0323
6.0000	-.0532								-.0523
9.0000	-.0668								-.0917
12.0000	-.1282								-.1638
14.4750			-.1534	-.1668		-.1345	-.1572	-.2201	

MACH (2) = 1.398 RN/L (1) = 4.502 P = 663.42 PT = 2104.8 TTF = 83.826 Q = 907.38

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0023	.0163	-.0068	-.0113	-.0011	.0071	.0208
-12.0000	.0099								.0091
-9.0000	-.0028								-.0098
-6.0000	-.0129								-.0040
-3.0000	-.0089								.0011
.0000	-.0087								.0042
3.0000	-.0056								-.0104
6.0000	-.0163								-.0120
9.0000	-.0115								-.0072
12.0000	-.0048								-.0107
14.4750			.0107	.0105		.0088	-.0251	-.0133	

OA-252 (P90) FIXTURE PRESSURES (R3TF12) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.414 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .601 RN/L (1) = 6.090 P = 2940.8 PT = 3754.2 TTF = 84.938 Q = 743.69

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0066	.0024	.0024	.0019	-.0059	-.0008	.0045	
-12.0000	-.0085								- 0040
-9.0000	.0026								-.0068
-6.0000	-.0132								.0000
-3.0000	-.0155								-.0006
.0000	-.0228								-.0057
3.0000	-.0202								-.0202
6.0000	-.0411								-.0410
9.0000	-.0596								-.0657
12.0000	-.1161								-.1447
14.4750		-.1442	-.1487		-.1278	-.1429		-.1896	

MACH (2) = .898 RN/L (1) = 5.908 P = 1794.3 PT = 3029.2 TTF = 102.51 Q = 1013.5

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0161	-.0006	.0034	.0060	-.0010	.0019	.0089	
-12.0000	-.0019								.0049
-9.0000	.0035								.0051
-6.0000	-.0076								.0088
-3.0000	-.0113								.0045
.0000	-.0197								.0080
3.0000	-.0087								-.0046
6.0000	-.0090								-.0043
9.0000	-.0061								-.0135
12.0000	-.0324								-.0503
14.4750		-.1374	-.1267		-.1115	-.1319		-.1605	

OA-252 (P90) FIXTURE PRESSURES (R3TF12)

MACH (3) = 1.100 RN/L (1) = 5.975 P = 1357.3 PT = 2898.4 TTF = 102.20 Q = 1149.8

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0157	-.0066	.0096	-.0227	-.0274	-.0277	-.0046	
-12.0000	-.0007								.0081
-9.0000	-.0002								.0033
-6.0000	-.0110								.0059
-3.0000	-.0077								.0077
.0000	-.0178								.0067
3.0000	-.0104								.0023
6.0000	-.0216								-.0097
9.0000	-.0059								-.0007
12.0000	-.0012								-.0135
14.4750		.0139	.0148		.0145	-.0176		-.0176	

MACH (4) = 1.248 RN/L (1) = 5.982 P = 1065.1 PT = 2752.0 TTF = 82.993 Q = 1161.4

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0064	-.0180	-.0084	-.0062	-.0163	-.0052	-.0048	
-12.0000	.0021								.0006
-9.0000	-.0043								-.0077
-6.0000	-.0087								.0054
-3.0000	-.0116								-.0084
.0000	-.0220								.0085
3.0000	-.0115								.0001
6.0000	-.0117								-.0007
9.0000	.0039								-.0132
12.0000	-.0020								-.0093
14.4750		-.0009	-.0014		.0035	-.0331		.0030	

OA-252 (P90) FIXTURE PRESSURES (R3TF13) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.413 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 6.060 P = 2926.0 PT = 3737.2 TTF = 85.421 Q = 741.60

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0135	.0039	-.0016	.0078	.0067	-.0024	.0103
-12.0000	-.0039								
-9.0000	.0019								.0076
-6.0000	.0010								.0059
-3.0000	-.0047								.0139
.0000	-.0260								.0001
3.0000	-.0204								.0018
6.0000	-.0292								-.0147
9.0000	-.0445								-.0296
12.0000	-.1210								-.0756
14.4750			-.1430	-.1431		-.1152	-.1520		-.1715
									-.1457

MACH (2) = 1.101 RN/L (1) = 5.957 P = 1356.5 PT = 2901.2 TTF = 103.96 Q = 1151.7

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0170	-.0039	.0103	-.0230	-.0327	-.0260	-.0082
-12.0000	.0019								
-9.0000	-.0040								.0073
-6.0000	-.0120								.0017
-3.0000	-.0035								.0063
.0000	-.0149								.0059
3.0000	-.0076								.0087
6.0000	-.0219								.0034
9.0000	-.0046								-.0096
12.0000	-.0015								.0033
14.4750			.0155	.0160		.0170	-.0131		-.0122
								-.0097	

OA-252 (P90) FIXTURE PRESSURES (R3TF13)

MACH (3) = 1.247 RN/L (1) = 5.971 P = 1067.3 PT = 2754.1 TTF = 84.034 Q = 1162.0

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0036	-.0159	-.0059	-.0073	-.0206	-.0039	-.0051	
-12.0000	.0013								.0016
-9.0000	-.0080								-.0073
-6.0000	-.0095								.0066
-3.0000	-.0158								-.0074
.0000	-.0203								.0065
3.0000	-.0060								-.0018
6.0000	-.0118								-.0009
9.0000	.0002								-.0124
12.0000	-.0033								-.0077
14.4750		.0033	.0030		-.0023	-.0287		-.0027	

OA-252 (P90+A) FIXTURE PRESSURES (R3TF14) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .598 RN/L (1) = 2.039 P = 934.30 PT = 1189.6 TTF = 60.463 Q = 233.68

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0172	-.0025	.0035	.0017	-.0055	.0023	-.0031	
-12.0000	-.0002								.0035
-9.0000	.0058								.0077
-6.0000	-.0092								.0029
-3.0000	-.0068								.0047
.0000	-.0188								.0005
3.0000	-.0020								.0017
6.0000	.0112								.0124
9.0000	.0166								.0041
12.0000	.0202								.0035
14.4750		.0238	.0250		.0250	.0100		.0040	

MACH (2) = .902 RN/L (1) = 2.030 P = 558.45 PT = 948.45 TTF = 64.385 Q = 318.73

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0082	.0047	.0060	.0025	.0047	.0003	.0069	
-12.0000	.0056								.0020
-9.0000	.0038								.0012
-6.0000	.0003								.0117
-3.0000	-.0059								.0042
.0000	-.0195								.0012
3.0000	.0007								.0020
6.0000	.0073								.0147
9.0000	.0249								.0178
12.0000	.0345								.0296
14.4750		.0565	.0574		.0604	.0468		.0508	

OA-252 (P90+A) FIXTURE PRESSURES (R3TF14)

MACH (3) = 1.103 RN/L (1) = 2.019 P = 427.19 PT = 915.91 TTF = 74.301 Q = 364.02

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0018	-.0017	-.0048	-.0044	-.0110	-.0044	-.0044	
-12.0000	-.0036								-.0006
-9.0000	-.0001								-.0021
-6.0000	-.0028								.0064
-3.0000	-.0036								.0033
.0000	-.0136								.0002
3.0000	-.0098								-.0087
6.0000	-.0051								.0018
9.0000	.0245								.0349
12.0000	.0957								.1012
14.4750		.1639	.1889		.1908	.1819		.1627	

MACH (4) = 1.251 RN/L (1) = 2.011 P = 350.81 PT = 910.26 TTF = 76.286 Q = 384.46

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0022	-.0026	-.0011	.0007	.0018	.0000	.0000	
-12.0000	.0011								.0051
-9.0000	-.0022								.0007
-6.0000	-.0033								.0022
-3.0000	-.0022								.0026
.0000	-.0088								.0058
3.0000	-.0015								.0058
6.0000	-.0026								.0044
9.0000	.0084								.0142
12.0000	.0036								.0080
14.4750		.0266	.0353		.0401	.0291		.0131	

MACH (5) = 1.412 RN/L (1) = 2.022 P = 281.49 PT = 911.67 TTF = 68.406 Q = 393.09

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0165	.0132	.0122	.0075	.0036	.0053	.0157	
-12.0000	.0303								.0100
-9.0000	.0164								.0107
-6.0000	-.0019								.0086
-3.0000	.0003								.0071
.0000	-.0194								.0007
3.0000	.0074								-.0083

OA-252 (P90+A) FIXTURE PRESSURES (R3TF14)

MACH (5) = 1.412 RN/L (1) = 2.022

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.0110								-.0008
9.0000	.0074								-.0022
12.0000	.0082								.0000
14.4750		.0056	.0200		.0135	.0056		.0085	

OA-252 (P90+A) FIXTURE PRESSURES (R3TF15) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.000	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = 1.103 RN/L (1) = 2.021 P = 427.19 PT = 915.91 TTF = 73.953 Q = 364.02

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0015	-.0035	-.0039	-.0039	-.0097	-.0035	-.0089	
-12.0000	-.0061								-.0024
-9.0000	-.0011								-.0001
-6.0000	-.0015								.0053
-3.0000	-.0022								.0015
.0000	-.0142								-.0001
3.0000	-.0099								-.0062
6.0000	-.0072								-.0001
9.0000	.0159								.0365
12.0000	.1066								.0982
14.4750		.1732	.1732		.1909	.1801		.1644	

MACH (2) = 1.245 RN/L (1) = 2.013 P = 353.63 PT = 910.26 TTF = 75.973 Q = 383.84

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0002	-.0068	-.0057	-.0043	-.0032	-.0010	-.0032	
-12.0000	-.0024								.0020
-9.0000	-.0042								-.0017
-6.0000	-.0042								.0005
-3.0000	-.0027								.0005
.0000	-.0115								.0045
3.0000	-.0038								.0020
6.0000	-.0024								.0060
9.0000	.0049								.0093
12.0000	.0035								.0056
14.4750		.0327	.0316		.0411	.0385		.0141	

OA-252 (P90+A) FIXTURE PRESSURES (R3TF16) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.242 RN/L (1) = 2.023 P = 349.39 PT = 895.40 TTF = 67.533 Q = 377.23

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0102	-.0158	-.0113	-.0053	-.0098	-.0132	-.0191	
-12.0000	-.0152								
-9.0000	-.0118								-.0019
-6.0000	-.0174								.0010
-3.0000	-.0118								.0033
.0000	-.0297								.0093
3.0000	-.0103								.0040
6.0000	-.0122								.0059
9.0000	.0031								.0123
12.0000	.0318								.0250
14.4750		.2052	.2052		.2055	.1809		.2402	.0886

OA-252 (P90+A) FIXTURE PRESSURES (R3TF17) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .596 RN/L (1) = 4.567 P = 2160.0 PT = 2746.3 TTF = 71.966 Q = 536.92

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0052	.0078	.0078	.0052	.0052	.0002	.0067	
-12.0000	.0050								
-9.0000	.0027								.0099
-6.0000	-.0015								-.0011
-3.0000	-.0039								.0094
.0000	-.0245								.0078
3.0000	.0032								.0047
6.0000	.0032								.0120
9.0000	.0110								.0036
12.0000	.0108								.0138
14.4750		.0183	.0217		.0210	.0121		.0105	.0172

MACH (2) = .799 RN/L (1) = 4.492 P = 1492.3 PT = 2273.2 TTF = 74.858 Q = 667.29

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0025	-.0067	.0008	.0071	-.0038	.0019	-.0038	
-12.0000	-.0058								
-9.0000	.0034								-.0053
-6.0000	-.0067								.0130
-3.0000	-.0035								.0012
.0000	-.0332								.0101
3.0000	-.0001								.0077
6.0000	.0051								.0046
9.0000	.0312								.0247
12.0000	.0489								.0277
14.4750		.0548	.0584		.0571	.0464		.0451	.0292

OA-252 (P90+A) FIXTURE PRESSURES (R3TF17)

MACH (3) = .898 RN/L (1) = 4.513 P = 1296.4 PT = 2188.3 TTF = 78.756 Q = 732.03

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0046	-.0009	-.0024	.0033	-.0076	.0039	-.0019	
-12.0000	-.0052								
-9.0000	.0059								.0054
-6.0000	-.0121								-.0017
-3.0000	-.0089								-.0013
.0000	-.0363								.0132
3.0000	-.0083								.0008
6.0000	.0019								.0033
9.0000	.0203								-.0003
12.0000	.0327								.0090
14.4750		.0502	.0559		.0559	.0569		.0394	.0299

MACH (4) = 1.056 RN/L (1) = 4.506 P = 1038.3 PT = 2100.6 TTF = 82.473 Q = 810.43

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0108	.0013	-.0001	.0112	-.0002	.0013	.0003	
-12.0000	-.0024								
-9.0000	.0002								.0036
-6.0000	-.0036								-.0008
-3.0000	-.0069								.0075
.0000	-.0320								.0075
3.0000	-.0080								.0006
6.0000	-.0019								.0010
9.0000	.0116								.0043
12.0000	.0320								.0068
14.4750		.0675	.0674		.0906	.0838		.0819	.0239

MACH (5) = 1.100 RN/L (1) = 4.536 P = 984.52 PT = 2102.7 TTF = 83.087 Q = 834.20

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0044	-.0067	-.0020	-.0011	-.0161	-.0074	-.0030	
-12.0000	-.0078								
-9.0000	-.0062								-.0037
-6.0000	-.0082								-.0023
-3.0000	-.0027								.0059
.0000	-.0167								.0057
3.0000	-.0167								.0004
									-.0097

OA-252 (P90+A) FIXTURE PRESSURES (R3TF17)

MACH (5) = 1.100 RN/L (1) = 4.536

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	-.0060								.0044
9.0000	.0724								.1063
12.0000	.1910								.1898
14.4750		.2386	.2386		.2480	.2537		.2505	

MACH (6) = 1.252 RN/L (1) = 4.546 P = 796.39 PT = 2068.1 TTF = 78.373 Q = 873.62

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0008	-.0066	-.0003	.0065	-.0003	-.0031	-.0104	
-12.0000	-.0033								.0029
-9.0000	-.0014								.0008
-6.0000	-.0034								.0021
-3.0000	-.0054								.0037
.0000	-.0296								.0035
3.0000	-.0095								.0021
6.0000	-.0081								-.0035
9.0000	.0084								.0081
12.0000	.0086								.0014
14.4750		.0407	.0952		.1122	.0696		.0712	

MACH (7) = 1.398 RN/L (1) = 4.595 P = 666.25 PT = 2114.7 TTF = 77.504 Q = 911.65

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0044	-.0038	-.0064	.0013	.0110	.0121	-.0048	
-12.0000	-.0078								.0044
-9.0000	-.0038								-.0045
-6.0000	-.0072								-.0048
-3.0000	-.0009								-.0030
.0000	-.0332								.0036
3.0000	-.0095								-.0091
6.0000	-.0163								-.0041
9.0000	-.0078								-.0033
12.0000	.0011								.0298
14.4750		.1460	.2208		.1487	.1293		.1899	

OA-252 (P90+A) FIXTURE PRESSURES (R3TF18) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.000	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .596 RN/L (1) = 4.577 P = 2155.8 PT = 2742.1 TTF = 70.675 Q = 536.83

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0269	.0191	.0243	.0259	.0191	.0264	.0183	
-12.0000	.0178								
-9.0000	.0267								.0212
-6.0000	.0137								.0207
-3.0000	.0134								.0285
.0000	-.0073								.0306
3.0000	.0144								.0225
6.0000	.0165								.0225
9.0000	.0341								.0327
12.0000	.0341								.0293
14.4750		.0314	.0435		.0471	.0320		.0328	.0269

MACH (2) = .800 RN/L (1) = 4.482 P = 1490.2 PT = 2272.5 TTF = 75.973 Q = 668.21

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0095	.0009	.0082	.0074	.0061	-.0039	.0011	
-12.0000	-.0027								
-9.0000	.0015								.0034
-6.0000	.0042								.0040
-3.0000	-.0021								.0103
.0000	-.0218								.0020
3.0000	.0032								-.0054
6.0000	.0122								-.0050
9.0000	.0343								.0156
12.0000	.0481								.0313
14.4750		.0450	.0465		.0473	.0473		.0500	.0323

OA-252 (P90+A) FIXTURE PRESSURES (R3TF18)

MACH (3) = .899 RN/L (1) = 4.521 P = 1295.0 PT = 2189.0 TTF = 78.339 Q = 733.36

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0108	.0015	.0030	.0091	.0026	.0028	-.0006	
-12.0000	-.0024								.0047
-9.0000	.0053								.0080
-6.0000	-.0020								.0076
-3.0000	-.0062								.0015
.0000	-.0240								.0032
3.0000	-.0064								.0023
6.0000	.0041								.0080
9.0000	.0244								.0156
12.0000	.0464								.0332
14.4750		.0512	.0516		.0531	.0456		.0462	

MACH (4) = 1.100 RN/L (1) = 4.536 P = 983.81 PT = 2101.3 TTF = 82.785 Q = 833.66

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0024	-.0062	-.0063	-.0099	-.0067	-.0072	-.0088	
-12.0000	-.0086								-.0028
-9.0000	-.0044								-.0050
-6.0000	-.0036								-.0006
-3.0000	-.0096								-.0016
.0000	-.0185								.0026
3.0000	-.0167								-.0073
6.0000	-.0069								.0092
9.0000	.0768								.0912
12.0000	.1744								.1888
14.4750		.2474	.2541		.2494	.2461		.2467	

OA-252 (P90+A) FIXTURE PRESSURES (R3TF19) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .604 RN/L (1) = 4.579 P = 2162.1 PT = 2766.8 TTF = 77.956 Q = 552.41

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0054	.0083	.0057	.0088	.0073	.0034	.0119	
-12.0000	.0122								.0034
-9.0000	.0122								.0024
-6.0000	.0060								.0057
-3.0000	.0071								.0078
.0000	-.0169								.0101
3.0000	.0109								.0101
6.0000	.0081								.0206
9.0000	.0164								.0260
12.0000	.0215								.0224
14.4750		.0156	.0184		.0189	.0176		.0133	

MACH (2) = .803 RN/L (1) = 4.519 P = 1501.5 PT = 2295.8 TTF = 77.469 Q = 677.78

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0059	-.0173	-.0073	-.0092	-.0171	-.0138	-.0104	
-12.0000	-.0089								-.0085
-9.0000	-.0028								-.0085
-6.0000	-.0196								-.0014
-3.0000	-.0175								.0020
.0000	-.0413								-.0029
3.0000	-.0175								.0007
6.0000	.0041								.0141
9.0000	.0092								.0141
12.0000	.0106								.0116
14.4750		.0239	.0245		.0279	.0159		.0090	

OA-252 (P90+A) FIXTURE PRESSURES (R3TF19)

MACH (3) = .904 RN/L (1) = 4.507 P = 1285.1 PT = 2184.0 TTF = 79.590 Q = 735.84

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0034	-.0014	-.0012	-.0001	-.0115	.0065	-.0057	
-12.0000	.0037								
-9.0000	.0172								.0009
-6.0000	-.0021								-.0041
-3.0000	.0069								.0065
.0000	-.0093								.0208
3.0000	.0333								.0251
6.0000	.0317								.0303
9.0000	.0557								.0421
12.0000	.0614								.0606
14.4750		.0811	.0817		.0902	.0728		.0658	.0645

MACH (4) = 1.103 RN/L (1) = 4.574 P = 985.93 PT = 2112.6 TTF = 81.709 Q = 839.40

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0089	.0039	.0069	.0029	-.0007	.0006	-.0014	
-12.0000	.0002								
-9.0000	.0036								.0006
-6.0000	.0024								-.0032
-3.0000	-.0016								.0039
.0000	-.0315								.0053
3.0000	-.0105								.0018
6.0000	-.0083								-.0027
9.0000	.0079								-.0014
12.0000	.0093								-.0047
14.4750		.0276	.0288		.0293	.0276		.0119	-.0066

OA-252 (P90+A) FIXTURE PRESSURES (R3TF20) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.002	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = 1.100 RN/L (1) = 4.585 P = 990.18 PT = 2113.3 TTF = 80.667 Q = 838.14

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0075	.0072	.0034	.0047	-.0032	.0010	-.0016	
-12.0000	.0020								
-9.0000	.0027								.0000
-6.0000	-.0002								-.0027
-3.0000	.0014								.0060
.0000	-.0355								.0047
3.0000	-.0102								.0027
6.0000	-.0089								-.0027
9.0000	.0087								.0007
12.0000	.0087								.0054
14.4750		.0349	.0372		.0377	.0322		.0271	.0020

OA-252 (P90+A) FIXTURE PRESSURES (R3TF21) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 6.043 P = 2827.7 PT = 3612.0 TTF = 72.349 Q = 717.01

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0142	.0009	-.0078	-.0031	.0071	.0031	.0011	
-12.0000	.0032								.0037
-9.0000	.0149								.0019
-6.0000	.0046								.0041
-3.0000	-.0061								.0096
.0000	-.0306								.0071
3.0000	.0036								.0081
6.0000	.0066								.0164
9.0000	.0135								.0212
12.0000	.0200								.0144
14.4750		.0068	.0196		.0270	.0214		.0155	

MACH (2) = .798 RN/L (1) = 6.048 P = 2032.7 PT = 3092.2 TTF = 78.758 Q = 905.90

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0020	-.0102	-.0030	.0066	-.0108	-.0055	-.0146	
-12.0000	-.0122								-.0033
-9.0000	.0013								-.0045
-6.0000	-.0128								-.0009
-3.0000	-.0033								-.0093
.0000	-.0277								-.0027
3.0000	-.0098								.0017
6.0000	-.0065								.0186
9.0000	.0094								.0080
12.0000	.0138								.0167
14.4750		.0201	.0240		.0224	.0124		.0143	

OA-252 (P90+A) FIXTURE PRESSURES (R3TF21)

MACH (3) = .898 RN/L (1) = 6.011 P = 1747.7 PT = 2950.0 TTF = 83.791 Q = 986.87

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0118	-.0016	-.0046	-.0045	-.0092	-.0050	.0013	
-12.0000	-.0004								-.0001
-9.0000	-.0016								-.0022
-6.0000	-.0112								.0006
-3.0000	-.0187								-.0058
.0000	-.0361								.0035
3.0000	-.0069								-.0068
6.0000	.0085								.0052
9.0000	.0079								.0059
12.0000	.0129								.0025
14.4750		.0145	.0218		.0356	.0197		.0147	

MACH (4) = 1.046 RN/L (1) = 6.007 P = 1412.4 PT = 2824.8 TTF = 85.248 Q = 1082.6

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0031	-.0023	-.0063	-.0106	-.0156	-.0086	-.0057	
-12.0000	-.0072								-.0022
-9.0000	.0042								.0022
-6.0000	-.0119								.0036
-3.0000	-.0119								.0006
.0000	-.0340								-.0005
3.0000	-.0055								-.0065
6.0000	-.0111								-.0017
9.0000	.0064								.0056
12.0000	.0435								.0474
14.4750		.1100	.0922		.1237	.1031		.0936	

MACH (5) = 1.093 RN/L (1) = 5.939 P = 1331.1 PT = 2816.3 TTF = 92.100 Q = 1112.4

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0121	.0069	.0035	.0040	-.0030	-.0029	-.0002	
-12.0000	-.0058								.0009
-9.0000	-.0009								-.0038
-6.0000	-.0040								-.0013
-3.0000	-.0066								-.0021
.0000	-.0411								-.0058
3.0000	-.0128								-.0068

OA-252 (P90+A) FIXTURE PRESSURES (R3TF21)

MACH (5) = 1.093 RN/L (1) = 5.939

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	-.0088								-.0012
9.0000	.0078								-.0059
12.0000	.0026								-.0030
14.4750		.0188	.0192		.0212	.0008		.0127	

MACH (6) = 1.248 RN/L (1) = 5.951 P = 1097.7 PT = 2837.6 TTF = 87.898 Q = 1187.6

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0030	-.0097	.0020	.0039	-.0020	-.0041	-.0134	
-12.0000	-.0065								-.0054
-9.0000	.0021								-.0044
-6.0000	-.0038								-.0063
-3.0000	-.0120								-.0037
.0000	-.0430								.0007
3.0000	-.0164								-.0091
6.0000	-.0142								-.0040
9.0000	-.0047								.0030
12.0000	.0032								-.0088
14.4750		-.0059	-.0054		-.0084	-.0216		-.0090	

MACH (7) = 1.406 RN/L (1) = 5.981 P = 927.94 PT = 2976.9 TTF = 109.45 Q = 1283.5

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0243	.0037	.0004	.0064	.0108	.0121	-.0024	
-12.0000	.0306								.0241
-9.0000	.0187								.0145
-6.0000	.0107								.0141
-3.0000	.0004								.0106
.0000	-.0424								.0046
3.0000	-.0059								-.0032
6.0000	.0078								.0117
9.0000	.0117								.0128
12.0000	.0139								.0064
14.4750		.0107	.0103		.0033	-.0090		.0055	

OA-252 (P90+A) FIXTURE PRESSURES (R3TF22) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 6.016 P = 2831.2 PT = 3612.0 TTF = 73.465 Q = 714.10

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0075	-.0019	.0013	.0023	-.0031	.0035	-.0054	
-12.0000	-.0017								
-9.0000	.0142								-.0013
-6.0000	-.0065								-.0019
-3.0000	.0042								.0017
.0000	-.0202								.0069
3.0000	.0038								.0093
6.0000	.0033								.0059
9.0000	.0166								.0219
12.0000	.0150								.0197
14.4750		.0134	.0205		.0233	.0217		.0134	.0155

MACH (2) = .808 RN/L (1) = 6.022 P = 1998.7 PT = 3070.3 TTF = 80.146 Q = 912.72

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0090	-.0073	-.0059	.0065	-.0020	-.0030	.0023	
-12.0000	.0007								-.0002
-9.0000	.0013								.0048
-6.0000	-.0080								.0054
-3.0000	-.0041								.0054
.0000	-.0333								.0067
3.0000	-.0066								.0048
6.0000	.0063								.0123
9.0000	.0107								.0089
12.0000	.0235								.0128
14.4750		.0163	.0238		.0375	.0256		.0140	

OA-252 (P90+A) FIXTURE PRESSURES (R3TF22)

MACH (3) = .904 RN/L (1) = 6.054 P = 1746.2 PT = 2967.0 TTF = 83.548 Q = 999.38

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0041	-.0109	-.0022	.0012	-.0070	-.0002	.0011	
-12.0000	-.0022								
-9.0000	-.0006								.0044
-6.0000	-.0167								.0078
-3.0000	-.0096								.0007
.0000	-.0369								.0044
3.0000	-.0181								.0028
6.0000	-.0053								-.0005
9.0000	.0230								.0025
12.0000	.0409								.0275
14.4750		.0518	.0576		.0679	.0512		.0425	.0275

OA-252 (P90+A) FIXTURE PRESSURES (R3TF23) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .598 RN/L (1) = 6.019 P = 2837.6 PT = 3614.9 TTF = 72.663 Q = 711.27

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0043	.0003	.0061	.0013	-.0057	.0027	.0019	
-12.0000	.0055								
-9.0000	.0089								.0021
-6.0000	-.0087								-.0025
-3.0000	-.0017								-.0003
.0000	-.0197								.0081
3.0000	-.0017								.0119
6.0000	.0071								.0067
9.0000	.0123								.0213
12.0000	.0167								.0149
14.4750		.0141	.0137		.0321	.0187		.0183	.0193

OA-252 (P90+A) FIXTURE PRESSURES (R3TF24) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.241 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .598 RN/L (1) = 2.044 P = 934.30 PT = 1189.6 TTF = 59.446 Q = 233.68

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0059	.0017	-.0006	-.0042	-.0030	-.0042	.0011	
-12.0000	-.0035								-.0012
-9.0000	-.0035								.0011
-6.0000	-.0095								-.0102
-3.0000	-.0119								.0029
.0000	-.0371								-.0084
3.0000	-.0065								-.0024
6.0000	-.0155								.0000
9.0000	-.0059								-.0162
12.0000	-.0365								-.0509
14.4750		-.0551	-.0539		-.0583	-.0563		-.0928	

MACH (2) = .896 RN/L (1) = 2.023 P = 563.69 PT = 949.16 TTF = 64.875 Q = 3[illegible]

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0015	-.0033	.0020	.0029	-.0060	-.0016	-.0046	
-12.0000	-.0040								-.0024
-9.0000	.0022								-.0020
-6.0000	-.0111								-.0016
-3.0000	-.0022								-.0011
.0000	-.0314								.0024
3.0000	-.0097								-.0007
6.0000	-.0168								-.0060
9.0000	-.0111								-.0148
12.0000	-.0354								-.0620
14.4750		-.0977	-.0942		-.1013	-.1338		-.1743	

OA-252 (P90+A) FIXTURE PRESSURES (R3TF24)

MACH (3) = 1.100 RN/L (1) = 2.016 P = 428.61 PT = 915.21 TTF = 74.475 Q = 363.05

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0113	-.0065	-.0104	-.0158	-.0297	-.0142	-.0135	
-12.0000	-.0053								
-9.0000	-.0065								-.0026
-6.0000	.0024								-.0073
-3.0000	-.0007								.0051
.0000	-.0165								.0036
3.0000	-.0119								.0001
6.0000	-.0223								-.0026
9.0000	.0040								-.0107
12.0000	-.0011								-.0045
14.4750		.0024	.0105		.0194	-.0080		-.0119	-.0022

MACH (4) = 1.247 RN/L (1) = 2.050 P = 357.88 PT = 923.69 TTF = 74.510 Q = 389.72

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0037	-.0062	.0032	-.0047	-.0109	-.0047	-.0155	
-12.0000	-.0094								
-9.0000	-.0101								-.0073
-6.0000	-.0144								-.0087
-3.0000	-.0112								.0032
.0000	-.0191								-.0105
3.0000	-.0083								-.0026
6.0000	-.0173								-.0080
9.0000	-.0101								-.0177
12.0000	-.0159								-.0148
14.4750		.0043	.0003		-.0022	-.0112		-.0169	-.0210

MACH (5) = 1.398 RN/L (1) = 2.025 P = 294.93 PT = 936.43 TTF = 79.312 Q = 403.69

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0082	.0127	.0106	-.0120	-.0026	.0141	.0134	
-12.0000	.0180								
-9.0000	.0062								.0037
-6.0000	-.0077								-.0009
-3.0000	.0048								.0085
.0000	-.0018								.0092
3.0000	-.0052								.0176
									-.0043

OA-252 (P90+A) FIXTURE PRESSURES (R3TF24)

MACH (5) = 1.398 RN/L (1) = 2.025

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	-.0070								
9.0000	-.0094								-.0054
12.0000	-.0077								-.0096
14.4750		.0003	.0017		-.0042	-.0150		-.0058	-.0134

OA-252 (P90+A) FIXTURE PRESSURES (R3TF25) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	1.315	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = 1.101 RN/L (1) = 2.015 P = 427.90 PT = 915.21 TTF = 74.684 Q = 363.33

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0131	-.0090	-.0036	-.0233	-.0341	-.0148	-.0136	
-12.0000	-.0052								
-9.0000	-.0060								-.0024
-6.0000	.0025								-.0043
-3.0000	-.0083								.0096
.0000	-.0149								.0065
3.0000	-.0110								.0019
6.0000	-.0226								-.0063
9.0000	.0033								-.0086
12.0000	.0006								-.0063
14.4750		.0060	.0168		.0237	-.0087		-.0122	-.0020

MACH (2) = 1.248 RN/L (1) = 2.047 P = 357.17 PT = 922.99 TTF = 74.789 Q = 389.52

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0007	-.0032	.0091	-.0035	-.0028	-.0014	-.0144	
-12.0000	-.0096								
-9.0000	-.0071								-.0017
-6.0000	-.0129								-.0068
-3.0000	-.0014								.0022
.0000	-.0183								-.0079
3.0000	-.0014								.0011
6.0000	-.0169								-.0028
9.0000	-.0086								-.0129
12.0000	-.0140								-.0108
14.4750		.0048	.0037		-.0071	-.0147		-.0168	-.0173

OA-252 (PS0+A) FIXTURE PRESSURES (R3TF25)

MACH (3) = 1.398 RN/L (1) = 2.023 P = 294.93 PT = 936.43 TTF = 79.764 Q = 403.69

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0071	.0089	.0123	-.0099	-.0068	.0137	.0144	
-12.0000	.0176								.0085
-9.0000	.0044								.0023
-6.0000	-.0095								.0068
-3.0000	.0075								.0117
.0000	-.0012								.0183
3.0000	-.0039								-.0033
6.0000	-.0050								-.0057
9.0000	-.0067								-.0078
12.0000	-.0064								-.0106
14.4750		.0016	.0016		-.0039	-.0119		-.0015	

OA-252 (P90+A) FIXTURE PRESSURES (R3TF26) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.305 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 4.512 P = 2152.2 PT = 2749.2 TTF = 80.320 Q = 545.68

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0028	.0010	.0021	.0054	-.0049	-.0013	-.0059
-12.0000	.0056								
-9.0000	1.1208								.0049
-6.0000	.2960								.0052
-3.0000	1.1216								.0087
.0000	.3088								.0010
3.0000	-.0103								.0039
6.0000	-.0155								-.0123
9.0000	-.0106								-.0003
12.0000	-.0327								-.0100
14.4750			-.0473	-.0437		-.0412	-.0692	-.0797	-.0449

MACH (2) = .802 RN/L (1) = 4.630 P = 1599.1 PT = 2441.5 TTF = 92.826 Q = 719.23

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0054	.0048	.0079	.0029	.0013	-.0007	.0044
-12.0000	.0004								
-9.0000	-.0008								-.0001
-6.0000	-.0037								-.0008
-3.0000	-.0047								-.0001
.0000	-.0292								.0052
3.0000	-.0025								.0001
6.0000	-.0203								-.0063
9.0000	-.0070								-.0024
12.0000	-.0257								-.0077
14.4750			-.0437	-.0341		-.0363	-.0538	-.0869	-.0331

OA-252 (P90+A) FIXTURE PRESSURES (R3TF26)

MACH (3) = .901 RN/L (1) = 4.385 P = 1317.6 PT = 2230.0 TTF = 99.345 Q = 748.08

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0100	.0017	.0029	.0094	.0001	.0027	.0072
-12.0000	.0037								.0004
-9.0000	.0056								.0057
-6.0000	-.0062								.0019
-3.0000	-.0019								-.0013
.0000	-.0351								.0019
3.0000	-.0066								-.0067
6.0000	-.0113								-.0052
9.0000	-.0075								-.0159
12.0000	-.0276								-.0598
14.4750		-.1181	-.1164		-.1141	-.1385		-.1705	

MACH (4) = 1.050 RN/L (1) = 4.545 P = 1075.1 PT = 2159.3 TTF = 89.819 Q = 829.62

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0084	.0047	.0160	.0165	.0056	-.0005	-.0078
-12.0000	-.0033								.0000
-9.0000	.0134								.0050
-6.0000	-.0072								.0028
-3.0000	-.0109								.0000
.0000	-.0160								.0069
3.0000	-.0030								.0022
6.0000	-.0069								.0000
9.0000	.0017								.0000
12.0000	.0158								-.0010
14.4750			.0071	.0240		.0259	.0011		.0004

MACH (5) = 1.101 RN/L (1) = 4.582 P = 1017.1 PT = 2173.4 TTF = 92.722 Q = 862.49

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0172	.0021	-.0062	-.0132	-.0171	-.0026	-.0047
-12.0000	-.0032								-.0098
-9.0000	.0019								.0042
-6.0000	.0059								.0100
-3.0000	.0084								.0057
.0000	-.0077								.0097
3.0000	-.0122								.0026

OA-252 (P90+A) FIXTURE PRESSURES (R3TF26)

MACH (5) = 1.101 RN/L (1) = 4.582

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	-.0176								.0029
9.0000	.0014								.0157
12.0000	.0092								.0013
14.4750		.0321	.0358		.0368	.0077		.0071	

MACH (6) = 1.248 RN/L (1) = 4.465 P = 822.55 PT = 2126.1 TTF = 97.347 Q = 897.28

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0046	-.0254	-.0133	-.0086	-.0158	-.0043	-.0070	
-12.0000	.0039								
-9.0000	-.0052								.0011
-6.0000	-.0105								-.0081
-3.0000	-.0081								.0024
.0000	-.0216								-.0068
3.0000	-.0066								.0030
6.0000	-.0131								-.0054
9.0000	.0025								-.0072
12.0000	.0004								-.0048
14.4750		.0129	.0632		.0629	-.0194		-.0019	-.0111

MACH (7) = 1.392 RN/L (1) = 4.420 P = 682.52 PT = 2146.6 TTF = 100.00 Q = 925.20

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0148	.0098	.0022	-.0085	.0051	.0019	.0069	
-12.0000	-.0008								
-9.0000	-.0046								.0021
-6.0000	-.0192								-.0117
-3.0000	-.0099								-.0116
.0000	-.0157								-.0014
3.0000	-.0038								.0042
6.0000	-.0135								-.0035
9.0000	-.0176								-.0125
12.0000	-.0069								-.0160
14.4750		.0159	.0151		.0127	-.0181		-.0069	-.0160

OA-252 (P90+A) FIXTURE PRESSURES (R3TF27) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.397 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.099 RN/L (1) = 4.574 P = 1018.5 PT = 2172.0 TTF = 93.068 Q = 861.11

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0181	-.0003	-.0067	-.0088	-.0122	-.0073	-.0052	
-12.0000	-.0035								-.0115
-9.0000	.0021								.0031
-6.0000	.0017								.0099
-3.0000	.0095								.0070
.0000	-.0082								.0078
3.0000	-.0144								.0028
6.0000	-.0183								.0007
9.0000	.0042								.0129
12.0000	.0115								.0000
14.4750		.0328	.0388		.0392	.0081		.0043	

MACH (2) = 1.395 RN/L (1) = 4.364 P = 679.69 PT = 2146.6 TTF = 105.23 Q = 925.28

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0053	.0093	.0061	-.0088	.0053	.0043	.0143	
-12.0000	.0026								.0009
-9.0000	-.0012								-.0103
-6.0000	-.0162								-.0133
-3.0000	-.0080								.0003
.0000	-.0105								.0084
3.0000	-.0025								-.0048
6.0000	-.0149								-.0109
9.0000	-.0155								-.0133
12.0000	-.0059								-.0145
14.4750		.0158	.0152		.0163	-.0089		-.0083	

OA-252 (P90+A) FIXTURE PRESSURES (R3TF28) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.272 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 6.045 P = 2952.1 PT = 3766.2 TTF = 89.057 Q = 744.52

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0018	.0054	.0050	-.0059	-.0054	-.0056	.0088	
-12.0000	.0016								
-9.0000	-.1281								.0042
-6.0000	-.7724								.0005
-3.0000	-.1306								-.0022
.0000	-.1639								.0101
3.0000	-.0180								-.0033
6.0000	-.0216								-.0016
9.0000	-.0144								-.0046
12.0000	-.0380								-.0210
14.4750		-.0580	-.0572		-.0591	-.0582		-.0912	-.0534

MACH (2) = .899 RN/L (1) = 5.868 P = 1788.0 PT = 3019.3 TTF = 104.02 Q = 1010.5

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0052	-.0012	.0036	.0117	-.0015	-.0019	-.0025	
-12.0000	-.0039								
-9.0000	.0031								-.0025
-6.0000	-.0099								.0002
-3.0000	.0002								-.0036
.0000	-.0287								.0060
3.0000	-.0031								.0013
6.0000	-.0148								-.0095
9.0000	-.0141								-.0080
12.0000	-.0374								-.0241
14.4750		-.1190	-.1035		-.1074	-.1392		-.1644	-.0654

OA-252 (P90+A) FIXTURE PRESSURES (R3TF29)

MACH (3) = 1.102 RN/L (1) = 5.957 P = 1323.3 PT = 2832.6 TTF = 93.793 Q = 1124.9

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0074	-.0015	-.0051	-.0109	-.0192	-.0109	-.0010	
-12.0000	-.0018								
-9.0000	.0019								-.0066
-6.0000	-.0037								-.0007
-3.0000	.0009								.0056
.0000	-.0069								.0049
3.0000	-.0113								.0095
6.0000	-.0190								-.0009
9.0000	.0038								-.0014
12.0000	.0062								.0044
14.4750		.0220	.0215		.0211	-.0055		.0049	-.0082

MACH (4) = 1.249 RN/L (1) = 5.960 P = 1106.2 PT = 2862.3 TTF = 100.89 Q = 1208.3

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0115	-.0086	.0058	.0100	-.0109	-.0139	-.0143	
-12.0000	-.0513								
-9.0000	-.0174								.0000
-6.0000	.4365								-.0080
-3.0000	-.0456								.0042
.0000	.0087								-.0044
3.0000	-.0972								.0042
6.0000	-.0463								-.0089
9.0000	.0044								-.0099
12.0000	-.0091								-.0123
14.4750		.0106	.0126		-.0067	-.0287		.0006	-.0199

OA-252 (P90+A) FIXTURE PRESSURES (R3TF29) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	1.415	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = 1.101 RN/L (1) = 5.936 P = 1324.7 PT = 2831.9 TTF = 95.105 Q = 1124.0

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0092	.0019	-.0071	-.0158	-.0216	-.0101	-.0010	
-12.0000	.0004								-.0051
-9.0000	.0002								-.0027
-6.0000	.0016								.0066
-3.0000	.0032								.0032
.0000	-.0075								.0071
3.0000	-.0133								.0011
6.0000	-.0193								-.0003
9.0000	.0032								.0093
12.0000	.0029								-.0056
14.4750		.0215	.0253		.0211	-.0130		.0021	

OA-252 (P90+S) FIXTURE PRESSURES (R3TF30) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .597 RN/L (1) = 2.010 P = 948.45 PT = 1207.3 TTF = 72.315 Q = .236.94

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0058	-.0001	.0035	.0023	.0035	-.0007	.0005	
-12.0000	-.0017								
-9.0000	.0030								.0023
-6.0000	.0007								-.0013
-3.0000	-.0017								-.0013
.0000	-.0076								-.0013
3.0000	.0013								.0005
6.0000	.0030								.0058
9.0000	.0013								.0082
12.0000	.0019								.0035
14.4750		-.0041	-.0052		-.0106	-.0094		-.0106	-.0025

MACH (2) = .900 RN/L (1) = 1.998 P = 568.65 PT = 961.89 TTF = 76.112 Q = 322.49

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0031	-.0044	-.0013	-.0039	-.0048	-.0022	-.0039	
-12.0000	-.0041								
-9.0000	.0045								.0065
-6.0000	.0011								.0017
-3.0000	.0028								.0073
.0000	-.0002								.0113
3.0000	-.0011								.0108
6.0000	-.0024								.0117
9.0000	.0158								.0091
12.0000	.0189								.0169
14.4750		.0249	.0245		.0258	.0180		.0123	.0147

OA-252 (P90+S) FIXTURE PRESSURES (R3TF30)

MACH (3) = 1.255 RN/L (1) = 2.044 P = 350.81 PT = 915.21 TTF = 71.826 Q = 386.96

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0026	-.0063	-.0023	-.0001	-.0023	-.0026	-.0095	
-12.0000	-.0014								
-9.0000	-.0032								.0061
-6.0000	-.0046								-.0005
-3.0000	-.0035								-.0016
.0000	-.0064								.0017
3.0000	.0088								.0050
6.0000	.1473								.0220
9.0000	.0923								.1500
12.0000	.0269								.1010
14.4750		.2283	.2294		.2309	.2167		.1820	.0166

OA-252 (P90+S) FIXTURE PRESSURES (R3TF31) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

MWALL =	.002	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .601 RN/L (1) = 4.600 P = 2176.3 PT = 2777.4 TTF = 75.973 Q = 549.74

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0121	.0058	.0124	.0027	.0004	.0055	.0070	
-12.0000	.0035								.0050
-9.0000	.0094								.0065
-6.0000	.0012								-.0006
-3.0000	-.0064								.0208
.0000	-.0018								.0119
3.0000	.0017								.0050
6.0000	.0012								.0106
9.0000	.0063								.0096
12.0000	.0056								.0093
14.4750		.0012	.0104		.0127	.0114		-.0021	

MACH (2) = .799 RN/L (1) = 4.529 P = 1514.3 PT = 2305.0 TTF = 77.086 Q = 675.93

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0069	.0046	.0033	.0035	.0023	-.0021	.0023	
-12.0000	-.0028								.0073
-9.0000	.0049								.0073
-6.0000	.0041								.0077
-3.0000	.0060								.0129
.0000	-.0026								.0110
3.0000	.0070								.0121
6.0000	.0068								.0208
9.0000	.0284								.0202
12.0000	.0297								.0264
14.4750		.0284	.0288		.0326	.0340		.0284	

OA-252 (P90+S) FIXTURE PRESSURES (R3TF31)

MACH (3) = .902 RN/L (1) = 4.506 P = 1322.6 PT = 2240.6 TTF = 89.922 Q = 752.42

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0032	-.0040	.0073	.0060	.0028	.0038	.0082	
-12.0000	.0057								
-9.0000	.0098								.0056
-6.0000	.0089								.0036
-3.0000	.0085								.0064
.0000	.0093								.0123
3.0000	-.0037								.0177
6.0000	-.0008								.0079
9.0000	.0126								.0190
12.0000	.0227								.0138
14.4750		.0305	.0321		.0334	.0210		.0139	.0229

MACH (4) = 1.048 RN/L (1) = 4.554 P = 1039.0 PT = 2081.5 TTF = 73.709 Q = 798.53

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.1507	.1474	.1555	.1483	.1440	.1435	.1368	
-12.0000	.1883								
-9.0000	.2222								.1797
-6.0000	.2513								.2182
-3.0000	.2661								.2589
.0000	.2827								.2747
3.0000	.3057								.2954
6.0000	.3129								.3030
9.0000	.3355								.3317
12.0000	.3510								.3434
14.4750		.3468	.3459		.3563	.3426		.3547	.3575

MACH (5) = 1.102 RN/L (1) = 4.585 P = 984.72 PT = 2063.8 TTF = 71.164 Q = 819.40

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0055	-.0146	-.0189	-.0074	-.0169	-.0134	-.0052	
-12.0000	-.0019								
-9.0000	-.0002								.0027
-6.0000	-.0007								-.0064
-3.0000	.0108								.0051
.0000	.0566								.0097
3.0000	.0839								.0474
									.0850

OA-252 (P90+S) FIXTURE PRESSURES (R3TF31)

MACH (5) = 1.102 RN/L (1) = 4.585

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.0518								.0754
9.0000	.0887								.1075
12.0000	.2286								.2314
14.4750		.2951	.2944		.3074	.3033		.3046	

MACH (6) = 1.251 RN/L (1) = 4.525 P = 800.63 PT = 2078.0 TTF = 62.195 Q = 877.71

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0057	-.0137	.0019	.0015	-.0040	-.0073	-.0073	
-12.0000	-.0076								.0018
-9.0000	.0015								-.0038
-6.0000	.0024								-.0003
-3.0000	-.0073								-.0005
.0000	-.0137								.0071
3.0000	.0091								.0106
6.0000	.1595								.1538
9.0000	.0065								.0772
12.0000	-.0047								-.0142
14.4750		-.0524	.0393		.0871	.1042		-.0358	

MACH (7) = 1.392 RN/L (1) = 4.576 P = 673.32 PT = 2117.6 TTF = 80.111 Q = 912.70

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0201	.0158	.0158	.0146	.0139	.0218	.0278	
-12.0000	.0069								.0127
-9.0000	.0058								-.0011
-6.0000	.0055								.0038
-3.0000	.0075								.0067
.0000	-.0077								.0127
3.0000	-.0148								-.0010
6.0000	-.0054								.0046
9.0000	.1153								.1200
12.0000	.1119								.1100
14.4750		-.0277	-.0283		-.0727	-.0826		-.0059	

OA-252 (P90+S) FIXTURE PRESSURES (R3TF32) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.002	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = 1.501 RN/L (1) = 4.551 P = 664.13 PT = 2117.6 TTF = 61.709 Q = 912.83

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0133	.0082	-.0031	-.0009	.0063	.0180	.0179	
-12.0000	.0133								.0133
-9.0000	.0056								-.0032
-6.0000	-.0122								-.0018
-3.0000	-.0032								-.0015
.0000	-.0078								.0071
3.0000	-.0030								-.0046
6.0000	-.0041								.0102
9.0000	.0770								.1140
12.0000	.1335								.1204
14.4750		-.0112	-.0116		-.0712	-.0750		.0076	

OA-252 (P90+S) FIXTURE PRESSURES (R3TF33) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 6.050 P = 2869.4 PT = 3660.1 TTF = 76.530 Q = 723.21

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0031	-.0004	.0035	.0097	.0123	.0064	.0045	
-12.0000	-.0013								.0082
-9.0000	.0151								-.0004
-6.0000	.0100								.0090
-3.0000	.0118								.0204
.0000	-.0085								.0010
3.0000	-.0028								-.0004
6.0000	-.0073								.0091
9.0000	.0032								-.0023
12.0000	.0052								-.0043
14.4750		.0026	.0013		.0044	.0046		-.0015	

MACH (2) = .900 RN/L (1) = 5.937 P = 1757.6 PT = 2973.4 TTF = 92.688 Q = 997.02

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0071	.0089	-.0013	.0030	-.0026	-.0039	.0013	
-12.0000	.0010								.0060
-9.0000	.0038								.0086
-6.0000	.0020								.0071
-3.0000	.0082								.0098
.0000	-.0022								.0138
3.0000	.0111								.0115
6.0000	-.0018								.0151
9.0000	.0122								.0164
12.0000	.0249								.0223
14.4750		.0263	.0257		.0267	.0253		.0275	

OA-252 (P90+S) FIXTURE PRESSURES (R3TF33)

MACH (3) = 1.254 RN/L (1) = 5.986 P = 1063.7 PT = 2769.0 TTF = 85.178 Q = 1170.3

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0031	-.0089	.0038	.0021	-.0004	-.0059	-.0098	
-12.0000	-.0103								.0068
-9.0000	.0026								-.0026
-6.0000	.0002								.0046
-3.0000	-.0103								-.0059
.0000	-.0181								.0013
3.0000	-.0056								.0022
6.0000	.1501								.1437
9.0000	.0892								.0754
12.0000	-.0017								-.0114
14.4750		.0223	.1030		.1026	.1463		.1120	

OA-252 (P90+S) FIXTURE PRESSURES (R3TF34) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.395 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .597 RN/L (1) = 2.007 P = 951.28 PT = 1210.8 TTF = 74.127 Q = 237.59

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0023	-.0089	-.0013	.0047	.0005	-.0054	.0052	
-12.0000	.0004								.0047
-9.0000	.0004								.0011
-6.0000	-.0026								-.0048
-3.0000	-.0055								-.0013
.0000	-.0214								-.0048
3.0000	-.0244								-.0136
6.0000	-.0403								-.0378
9.0000	-.0545								-.0780
12.0000	-.1405								-.1547
14.4750		-.1724	-.1742		-.1806	-.1806		-.2302	

MACH (2) = .899 RN/L (1) = 2.014 P = 577.84 PT = 976.74 TTF = 79.069 Q = 327.23

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0019	-.0046	-.0024	.0010	-.0059	-.0033	-.0016	
-12.0000	-.0049								-.0018
-9.0000	.0015								-.0020
-6.0000	-.0036								.0044
-3.0000	.0041								.0061
.0000	-.0032								.0096
3.0000	-.0036								-.0003
6.0000	-.0113								-.0020
9.0000	-.0058								-.0084
12.0000	-.0254								-.0397
14.4750		-.1063	-.1024		-.0990	-.1255		-.1683	

OA-252 (P90+S) FIXTURE PRESSURES (R3TF34)

MACH (3) = 1.248 RN/L (1) = 2.016 P = 354.34 PT = 915.91 TTF = 77.886 Q = 386.56

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0060	.0056	.0096	-.0075	-.0060	.0089	-.0075	
-12.0000	-.0046								
-9.0000	-.0003								.0096
-6.0000	.0012								-.0071
-3.0000	.0030								.0089
.0000	-.0039								-.0053
3.0000	.0110								.0111
6.0000	.1771								.0111
9.0000	.1060								.1491
12.0000	-.0061								.0884
14.4750		-.0025	.1034		.0998	.0955		-.1301	-.0165

OA-252 (P90+S) FIXTURE PRESSURES (R3TF35) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.399 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 4.527 P = 2167.8 PT = 2765.4 TTF = 80.632 Q = 546.59

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0160	.0062	-.0022	.0093	-.0022	.0078	.0129	
-12.0000	.0082								.0078
-9.0000	.0115								.0042
-6.0000	-.0008								.0142
-3.0000	-.0062								.0080
.0000	-.0295								.0075
3.0000	-.0113								-.0117
6.0000	-.0292								-.0228
9.0000	-.0549								-.0689
12.0000	-.1438								-.1495
14.4750		-.1692	-.1902		-.1589	-.1600		-.2053	

MACH (2) = .800 RN/L (1) = 4.443 P = 1511.4 PT = 2303.8 TTF = 85.178 Q = 676.81

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0159	.0031	.0043	.0091	.0012	.0035	.0087	
-12.0000	.0012								.0035
-9.0000	.0100								.0045
-6.0000	-.0015								.0103
-3.0000	-.0023								.0056
.0000	-.0110								.0112
3.0000	-.0081								.0039
6.0000	-.0127								-.0055
9.0000	-.0144								-.0190
12.0000	-.0495								-.0709
14.4750		-.1379	-.1458		-.1083	-.1373		-.1733	

OA-252 (P90+S) FIXTURE PRESSURES (R3TF35)

MACH (3) = .900 RN/L (1) = 4.430 P = 1344.5 PT = 2273.9 TTF = 103.23 Q = 762.21

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0102	.0006	.0026	.0058	-.0018	-.0005	.0041	
-12.0000	-.0005								.0032
-9.0000	.0052								.0026
-6.0000	.0010								.0084
-3.0000	.0082								.0115
.0000	-.0027								.0137
3.0000	-.0032								.0041
6.0000	-.0095								.0012
9.0000	-.0034								-.0053
12.0000	-.0183								-.0342
14.4750		-.1225	-.0982		-.0955	-.1137		-.1493	

MACH (4) = 1.048 RN/L (1) = 4.474 P = 1037.6 PT = 2080.1 TTF = 80.702 Q = 798.31

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0226	.0069	.0156	.0164	.0147	-.0010	-.0071	
-12.0000	.0083								.0113
-9.0000	.0232								.0076
-6.0000	.0302								.0192
-3.0000	.1036								.1037
.0000	.1241								.1328
3.0000	.1011								.1066
6.0000	.0162								.0365
9.0000	-.0491								-.0548
12.0000	.0427								.0474
14.4750		.0783	.0788		.1068	.0934		.0664	

MACH (5) = 1.100 RN/L (1) = 4.521 P = 966.13 PT = 2062.4 TTF = 76.460 Q = 818.01

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0175	.0019	.0008	-.0132	-.0203	-.0213	-.0028	
-12.0000	.0026								.0120
-9.0000	-.0027								-.0011
-6.0000	.0092								.0103
-3.0000	.0163								.0216
.0000	.0459								.0350
3.0000	.0848								.0796

OA-252 (P90+S) FIXTURE PRESSURES (R3TF35)

MACH (5) = 1.100 RN/L (1) = 4.521

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.0486								.0590
9.0000	-.0283								-.0264
12.0000	-.0461								-.0520
14.4750		.0786	.1286		.1769	.1663		.0807	

MACH (6) = 1.252 RN/L (1) = 4.483 P = 811.24 PT = 2107.0 TTF = 91.755 Q = 890.08

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0027	-.0031	.0106	.0043	.0016	.0018	-.0041	
-12.0000	.0054								.0073
-9.0000	-.0006								.0018
-6.0000	-.0151								.0117
-3.0000	-.0070								-.0022
.0000	-.0137								.0106
3.0000	.0002								.0073
6.0000	.1946								.1725
9.0000	.1095								.0927
12.0000	-.0025								-.0176
14.4750		-.1343	.0416		.0586	.0082		-.1429	

MACH (7) = 1.396 RN/L (1) = 4.451 P = 675.44 PT = 2137.4 TTF = 95.001 Q = 921.36

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0017	.0119	-.0008	-.0157	-.0020	-.0025	.0129	
-12.0000	.0023								-.0032
-9.0000	-.0069								-.0169
-6.0000	-.0231								-.0101
-3.0000	-.0135								-.0005
.0000	-.0149								.0053
3.0000	-.0045								-.0092
6.0000	-.0013								.0010
9.0000	.0996								.1122
12.0000	.0861								.0547
14.4750		-.0648	-.0960		-.1630	-.1191		-.0534	

OA-252 (P90+S) FIXTURE PRESSURES (R3TF36) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.339 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .601 RN/L (1) = 6.112 P = 2947.9 PT = 3764.1 TTF = 84.624 Q = 746.22

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0106	.0032	-.0001	.0051	-.0028	.0064	.0078
-12.0000	-.0013								
-9.0000	.0128								.0089
-6.0000	-.0058								-.0013
-3.0000	-.0077								.0080
.0000	-.0282								.0051
3.0000	-.0186								.0046
6.0000	-.0284								-.0094
9.0000	-.0532								-.0355
12.0000	-.1379								-.0816
14.4750			-.1805	-.1448		-.1424	-.1747		-.2248
									-.1558

MACH (2) = .893 RN/L (1) = 5.969 P = 1846.7 PT = 3100.0 TTF = 107.08 Q = 1030.9

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0113	-.0010	.0015	.0055	.0009	-.0052	.0047
-12.0000	.0017								
-9.0000	.0019								.0030
-6.0000	.0055								.0061
-3.0000	.0111								.0089
.0000	-.0055								.0156
3.0000	-.0069								.0130
6.0000	-.0119								.0055
9.0000	-.0057								.0002
12.0000	-.0156								-.0037
14.4750			-.0854	-.0734		-.0774	-.0994		-.0284
									-.1184

OA-252 (P90+S) FIXTURE PRESSURES (R3TF36)

MACH (3) = 1.254 RN/L (1) = 5.947 P = 1089.2 PT = 2835.4 TTF = 97.795 Q = 1198.4

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0245	.0086	.0251	.0109	.0083	.0193	.0113	
-12.0000	.0097								.0184
-9.0000	.0156								-.0020
-6.0000	.0027								.0078
-3.0000	.0053								-.0041
.0000	-.0065								.0192
3.0000	.0117								.0074
6.0000	.2253								.2002
9.0000	.1256								.1134
12.0000	.0026								-.0132
14.4750		-.1062	.0584		.1443	.0971		-.1422	

OA-252 (P90+A+S) FIXTURE PRESSURES (R3TF37) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .901 RN/L (1) = 1.996 P = 560.16 PT = 948.45 TTF = 70.850 Q = 318.31

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0026	-.0004	-.0044	.0005	-.0008	-.0039	-.0004	
-12.0000	.0002								
-9.0000	.0002								.0058
-6.0000	-.0007								-.0008
-3.0000	.0046								.0040
.0000	-.0037								.0009
3.0000	.0055								.0031
6.0000	.0020								.0040
9.0000	.0227								.0106
12.0000	.0218								.0115
14.4750		.0254	.0262		.0258	.0227		.0192	.0234

MACH (2) = 1.253 RN/L (1) = 2.041 P = 343.03 PT = 892.57 TTF = 62.530 Q = 377.20

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0087	-.0139	-.0064	-.0038	-.0079	-.0101	-.0146	
-12.0000	-.0047								
-9.0000	-.0054								.0003
-6.0000	-.0054								-.0042
-3.0000	-.0039								.0010
.0000	.0139								.0010
3.0000	.1852								.0434
6.0000	.2792								.1631
9.0000	.3580								.2713
12.0000	.4148								.3512
14.4750		.4583	.4572		.4586	.4501		.4523	.4252

OA-252 (P90+A+S) FIXTURE PRESSURES (R3TF38) (11 APR 80)

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 = .6570

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .897 RN/L (1) = 4.487 P = 1302.8 PT = 2196.8 TTF = 82.577 Q = 734.07

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0032	-.0050	-.0031	.0036	-.0117	-.0077	-.0044	
-12.0000	-.0057								.0007
-9.0000	.0004								-.0014
-6.0000	-.0111								.0122
-3.0000	.0058								.0139
.0000	-.0074								.0131
3.0000	-.0017								.0064
6.0000	.0029								.0126
9.0000	.0140								.0162
12.0000	.0218								.0236
14.4750		.0310	.0358		.0373	.0234		.0226	

MACH (2) = 1.051 RN/L (1) = 4.478 P = 1010.0 PT = 2030.6 TTF = 70.745 Q = 780.60

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0005	-.0091	-.0141	-.0120	-.0145	-.0071	-.0021	
-12.0000	-.0037								-.0042
-9.0000	.0010								-.0035
-6.0000	-.0049								.0055
-3.0000	.0215								.0229
.0000	.0587								.0576
3.0000	.0817								.0955
6.0000	.1083								.1288
9.0000	.2005								.2330
12.0000	.2776								.2869
14.4750		.3130	.3151		.3167	.3135		.3113	

OA-252 (P90+A+S) FIXTURE PRESSURES (R3TF38)

MACH (3) = 1.100 RN/L (1) = 4.582 P = 974.62 PT = 2080.8 TTF = 74.580 Q = 825.38

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0051	-.0215	-.0156	-.0207	-.0302	-.0221	-.0071	
-12.0000	-.0045								.0012
-9.0000	-.0067								-.0071
-6.0000	-.0031								.0024
-3.0000	.0045								.0072
.0000	.0594								.0513
3.0000	.0913								.0972
6.0000	.0938								.1298
9.0000	.2210								.2130
12.0000	.3010								.3107
14.4750		.3469	.3469		.3546	.3452		.3394	

MACH (4) = 1.252 RN/L (1) = 4.511 P = 794.26 PT = 2062.4 TTF = 80.354 Q = 871.22

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0066	-.0135	-.0015	-.0013	-.0073	-.0124	-.0131	
-12.0000	-.0068								-.0002
-9.0000	-.0033								-.0089
-6.0000	-.0055								-.0037
-3.0000	-.0105								-.0044
.0000	.0291								.0536
3.0000	.2170								.1989
6.0000	.3071								.3222
9.0000	.3986								.3912
12.0000	.4469								.4485
14.4750		.4732	.4664		.4858	.4756		.4803	

MACH (5) = 1.403 RN/L (1) = 4.471 P = 657.76 PT = 2103.4 TTF = 86.045 Q = 906.86

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0059	-.0163	-.0198	-.0133	-.0085	-.0124	-.0231	
-12.0000	-.0092								.0020
-9.0000	-.0098								-.0081
-6.0000	-.0213								-.0090
-3.0000	-.0134								-.0051
.0000	-.0266								-.0009
3.0000	-.0258								-.0047

OA-252 (P90+A+S) FIXTURE PRESSURES (R3TF38)

MACH (5) = 1.403 RN/L (1) = 4.471

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	-.0154								.0839
9.0000	.1992								.2535
12.0000	.2920								.3464
14.4750		.3952	.3935		.4214	.4203		.4031	

OA-252 (P90+A+S) FIXTURE PRESSURES (R3TF39) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.001	PANEL =	90.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .900 RN/L (1) = 6.007 P = 1769.6 PT = 2993.2 TTF = 90.476 Q = 1003.5

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0064	.0011	-.0032	.0003	-.0067	-.0041	.0045	
-12.0000	.0020								.0073
-9.0000	.0026								-.0028
-6.0000	-.0040								.0151
-3.0000	.0026								.0154
.0000	-.0037								.0131
3.0000	.0032								.0059
6.0000	.0048								.0095
9.0000	.0159								.0182
12.0000	.0186								.0313
14.4750		.0354	.0351		.0418	.0434		.0250	

MACH (2) = 1.252 RN/L (1) = 6.126 P = 1096.3 PT = 2847.5 TTF = 87.153 Q = 1202.9

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0100	-.0149	-.0044	-.0019	-.0093	-.0172	-.0205	
-12.0000	-.0187								-.0049
-9.0000	-.0098								-.0128
-6.0000	-.0163								-.0080
-3.0000	-.0117								-.0082
.0000	.0246								.0889
3.0000	.2253								.2118
6.0000	.3258								.3090
9.0000	.4040								.3946
12.0000	.4507								.4583
14.4750		.4749	.4868		.4855	.4846		.4886	

OA-252 (P90+A+S) FIXTURE PRESSURES (R3TF40) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.413 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .894 RN/L (1) = 1.968 P = 565.11 PT = 949.88 TTF = 76.182 Q = 316.33

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0027	-.0071	-.0044	-.0031	-.0080	-.0075	-.0031	
-12.0000	-.0055								-.0027
-9.0000	-.0019								-.0027
-6.0000	-.0068								.0018
-3.0000	-.0019								.0040
.0000	-.0086								.0062
3.0000	-.0077								-.0035
6.0000	-.0134								-.0044
9.0000	-.0086								-.0115
12.0000	-.0325								-.0456
14.4750		-.1161	-.1139		-.1383	-.1383		-.1848	

MACH (2) = 1.250 RN/L (1) = 2.026 P = 343.73 PT = 890.45 TTF = 64.560 Q = 375.98

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0036	-.0070	.0091	-.0066	-.0066	-.0103	-.0208	
-12.0000	-.0080								-.0032
-9.0000	-.0122								-.0073
-6.0000	-.0181								.0001
-3.0000	-.0021								-.0092
.0000	-.0118								.0031
3.0000	.0050								-.0014
6.0000	.1607								.1347
9.0000	.0999								.0794
12.0000	-.0062								-.0174
14.4750		-.0062	.0323		.0379	.0200		-.1428	

OA-252 (P90+A+S) FIXTURE PRESSURES (R3TF41) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.388 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .898 RN/L (1) = 4.430 P = 1315.5 PT = 2220.8 TTF = 92.757 Q = 743.02

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0096	-.0004	.0038	.0053	-.0036	-.0038	.0043	
-12.0000	.0004								
-9.0000	.0050								.0066
-6.0000	-.0009								.0036
-3.0000	.0042								.0075
.0000	-.0054								.0121
3.0000	-.0047								.0168
6.0000	-.0075								.0024
9.0000	-.0015								.0009
12.0000	-.0177								-.0045
14.4750		-.1091	-.0963		-.0910	-.1123		-.1535	-.0341

MACH (2) = 1.050 RN/L (1) = 4.499 P = 1024.8 PT = 2059.6 TTF = 74.510 Q = 791.56

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0130	-.0015	-.0027	-.0003	-.0010	-.0017	-.0173	
-12.0000	-.0035								
-9.0000	.0016								.0075
-6.0000	-.0112								.0010
-3.0000	-.0043								-.0003
.0000	.0435								.0059
3.0000	.0527								.0462
6.0000	.0082								.0510
9.0000	-.0514								.0194
12.0000	.0365								-.0462
14.4750		.0983	.1273		.1332	.1187		.0685	.0348

OA-252 (P90+A+S) FIXTURE PRESSURES (R3TF41)

MACH (3) = 1.100 RN/L (1) = 4.566 P = 975.33 PT = 2081.5 TTF = 76.182 Q = 825.49

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0140	-.0093	-.0147	-.0261	-.0346	-.0329	-.0101	
-12.0000	.0029								.0065
-9.0000	-.0101								.0004
-6.0000	.0131								.0053
-3.0000	.0063								.0111
.0000	.0078								.0245
3.0000	.0699								.0589
6.0000	.0376								.0429
9.0000	-.0332								-.0305
12.0000	-.0577								-.0609
14.4750		.1553	.1778		.2031	.1846		.0903	

MACH (4) = 1.249 RN/L (1) = 4.559 P = 814.07 PT = 2106.2 TTF = 84.693 Q = 889.11

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0130	-.0151	.0199	-.0070	-.0072	-.0048	-.0127	
-12.0000	-.0137								.0007
-9.0000	-.0020								-.0095
-6.0000	-.0093								-.0072
-3.0000	-.0004								-.0020
.0000	-.0143								.0107
3.0000	-.0017								.0009
6.0000	.1667								.1321
9.0000	.0939								.0622
12.0000	-.0036								-.0209
14.4750		-.1106	.0379		.0735	.0502		-.1457	

MACH (5) = 1.396 RN/L (1) = 4.508 P = 685.34 PT = 2167.8 TTF = 95.588 Q = 934.46

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0029	.0122	.0007	-.0173	-.0044	-.0046	.0085	
-12.0000	.0015								-.0023
-9.0000	-.0070								-.0167
-6.0000	-.0213								-.0110
-3.0000	-.0117								-.0023
.0000	-.0140								.0070
3.0000	-.0042								-.0070

OA-252 (P90+A+S) FIXTURE PRESSURES (R3TF41)

MACH (5) = 1.396 RN/L (1) = 4.508

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	-.0033								-.0008
9.0000	.0777								.0933
12.0000	.0822								.0556
14.4750		-.0584	-.0900		-.1631	-.1175		-.0484	

OA-252 (P90+A+S) FIXTURE PRESSURES (R3TF42) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.272 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .903 RN/L (1) = 5.980 P = 1794.3 PT = 3046.2 TTF = 100.62 Q = 1025.2

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0124	.0059	.0028	.0068	.0000	-.0036	.0013	
-12.0000	-.0011								.0046
-9.0000	.0060								.0046
-6.0000	.0044								.0117
-3.0000	.0023								.0079
.0000	-.0097								.0115
3.0000	-.0002								-.0006
6.0000	-.0063								.0030
9.0000	-.0049								.0016
12.0000	-.0093								-.0189
14.4750		-.0646	-.0586		-.0572	-.0791		-.1022	

MACH (2) = 1.252 RN/L (1) = 6.030 P = 1097.7 PT = 2851.0 TTF = 94.242 Q = 1204.4

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0066	-.0034	.0111	-.0074	-.0032	-.0018	-.0103	
-12.0000	-.0102								-.0012
-9.0000	.0007								-.0082
-6.0000	-.0153								-.0127
-3.0000	.0014								.0019
.0000	-.0165								.0071
3.0000	-.0049								-.0032
6.0000	.1767								.1312
9.0000	.0934								.0643
12.0000	.0006								-.0195
14.4750		-.0759	-.0144		.0585	.0102		-.1389	

OA-252 (P90) FIXTURE PRESSURES (R3TF43) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = -.020
STEP-A = -.020

MACH (1) = .600 RN/L (1) = 4.516 P = 2122.5 PT = 2706.7 TTF = 72.489 Q = 534.37

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0034	.0065	-.0008	.0118	-.0048	-.0045	.0015	
-12.0000	-.0030								
-9.0000	.0009								-.0019
-6.0000	-.0051								-.0029
-3.0000	.0001								.0078
.0000	-.0127								-.0008
3.0000	-.0014								.0007
6.0000	-.0012								-.0037
9.0000	.0059								.0034
12.0000	.0049								.0083
14.4750		.0106	.0106		.0154	.0054		.0059	.0144

MACH (2) = .789 RN/L (1) = 4.527 P = 1501.5 PT = 2286.6 TTF = 74.022 Q = 670.98

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0064	-.0005	-.0058	-.0009	-.0058	.0003	-.0035	
-12.0000	-.0031								
-9.0000	.0040								.0045
-6.0000	-.0077								-.0039
-3.0000	-.0134								.0007
.0000	-.0132								.0018
3.0000	.0069								.0039
6.0000	.0159								.0049
9.0000	.0317								.0216
12.0000	.0453								.0262
14.4750		.0555	.0463		.0570	.0430		.0469	.0457

OA-252 (P90) FIXTURE PRESSURES (R3TF43)

MACH (3) = .898 RN/L (1) = 4.581 P = 1298.5 PT = 2191.8 TTF = 73.221 Q = 733.20

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0026	-.0083	.0032	.0020	-.0024	-.0047	.0055	
-12.0000	.0031								-.0005
-9.0000	-.0007								.0045
-6.0000	-.0055								-.0014
-3.0000	-.0082								.0055
.0000	-.0134								.0084
3.0000	-.0088								.0011
6.0000	-.0002								.0063
9.0000	.0175								.0249
12.0000	.0465								.0333
14.4750		.0563	.0559		.0629	.0467		.0375	

MACH (4) = 1.053 RN/L (1) = 4.551 P = 1037.6 PT = 2092.8 TTF = 76.599 Q = 806.04

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0015	-.0092	-.0158	-.0128	-.0111	-.0079	.0029	
-12.0000	.0074								-.0022
-9.0000	.0036								-.0032
-6.0000	-.0107								.0020
-3.0000	-.0076								.0002
.0000	-.0168								.0044
3.0000	.0004								-.0008
6.0000	.0025								.0140
9.0000	.0538								.0639
12.0000	.1304								.1392
14.4750		.1765	.1765		.1878	.1692		.1718	

MACH (5) = 1.099 RN/L (1) = 4.544 P = 971.79 PT = 2073.0 TTF = 76.425 Q = 821.95

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0003	-.0147	-.0141	-.0137	-.0180	-.0102	-.0113	
-12.0000	-.0064								-.0048
-9.0000	-.0093								-.0096
-6.0000	-.0131								.0049
-3.0000	-.0153								.0016
.0000	-.0223								.0082
3.0000	.0041								.0136

OA-252 (P90) FIXTURE PRESSURES (R3TF43)

MACH (5) = 1.099 RN/L (1) = 4.544

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.0719								.0569
9.0000	.1496								.1482
12.0000	.2027								.2029
14.4750			.2465	.2458	.2458	.2391		.2446	

MACH (6) = 1.249 RN/L (1) = 4.606 P = 810.53 PT = 2096.3 TTF = 78.617 Q = 884.86

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			-.0029	-.0150	.0010	-.0023	-.0095	-.0130	-.0071
-12.0000	-.0017								.0055
-9.0000	-.0010								-.0028
-6.0000	-.0076								.0001
-3.0000	-.0112								-:0026
.0000	-.0192								.0050
3.0000	-.0133								-.0028
6.0000	-.0060								-.0002
9.0000	.0056								.0013
12.0000	.0250								.0500
14.4750			.1103	.1264	.1262	.1526		.1611	

MACH (7) = 1.407 RN/L (1) = 4.582 P = 664.83 PT = 2136.0 TTF = 82.091 Q = 920.93

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0108	.0004	.0021	-.0089	.0039	.0180	.0064
-12.0000	.0106								.0168
-9.0000	.0009								-.0034
-6.0000	-.0119								.0021
-3.0000	-.0031								-.0019
.0000	-.0043								.0094
3.0000	-.0026								-.0053
6.0000	-.0109								.0036
9.0000	.0008								-.0011
12.0000	.0047								-.0089
14.4750			-.0052	-.0058		-.0040	-.0190		-.0064

OA-252 (P90) FIXTURE PRESSURES (R3TF44) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 90.000
GAP = .030 STEP-F = .020
STEP-A = .020

MACH (1) = .598 RN/L (1) = 4.484 P = 2124.6 PT = 2706.7 TTF = 74.824 Q = 532.64

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0061	-.0045	-.0008	.0026	-.0061	-.0071	-.0018	
-12.0000	-.0041								.0024
-9.0000	-.0033								-.0018
-6.0000	-.0101								.0087
-3.0000	-.0025								.0074
.0000	-.0159								.0018
3.0000	-.0096								.0066
6.0000	-.0027								.0071
9.0000	.0004								.0071
12.0000	.0099								.0061
14.4750		.0152	.0133		.0213	.0110		.0078	

MACH (2) = .800 RN/L (1) = 4.479 P = 1497.3 PT = 2282.4 TTF = 77.886 Q = 670.73

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0017	-.0043	.0020	.0001	-.0039	-.0031	.0036	
-12.0000	.0011								-.0014
-9.0000	.0036								-.0024
-6.0000	-.0067								-.0004
-3.0000	-.0040								-.0004
.0000	-.0090								.0051
3.0000	-.0027								.0063
6.0000	.0073								.0126
9.0000	.0295								.0352
12.0000	.0450								.0394
14.4750		.0532	.0570		.0681	.0496		.0429	

OA-252 (P90) FIXTURE PRESSURES (R3TF44)

MACH (3) = .900 RN/L (1) = 4.528 P = 1292.9 PT = 2186.2 TTF = 77.226 Q = 732.68

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0001	-.0033	-.0027	.0003	.0005	-.0018	-.0001	
-12.0000	-.0037								
-9.0000	.0040								-.0087
-6.0000	-.0021								-.0081
-3.0000	-.0067								.0064
.0000	-.0134								.0063
3.0000	-.0073								.0034
6.0000	-.0056								.0049
9.0000	.0113								.0107
12.0000	.0343								.0237
14.4750		.0517	.0517		.0551	.0461		.0429	.0323

MACH (4) = 1.049 RN/L (1) = 4.532 P = 1031.2 PT = 2068.1 TTF = 73.116 Q = 793.86

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0053	-.0144	-.0218	-.0179	-.0174	-.0145	-.0068	
-12.0000	-.0102								
-9.0000	-.0007								-.0062
-6.0000	-.0091								-.0098
-3.0000	-.0049								-.0082
.0000	.0190								.0024
3.0000	.1163								.0314
6.0000	.1819								.1121
9.0000	.2580								.2023
12.0000	.3341								.2705
14.4750		.3612	.3578		.3571	.3447		.3571	.3374

MACH (5) = 1.103 RN/L (1) = 4.515 P = 951.99 PT = 2039.8 TTF = 72.698 Q = 810.43

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0041	-.0174	-.0124	-.0270	-.0252	-.0178	-.0166	
-12.0000	-.0092								
-9.0000	-.0054								.0011
-6.0000	-.0052								-.0051
-3.0000	-.0056								.0015
.0000	-.0109								.0044
3.0000	.0504								.0063
									.0614

OA-252 (P90) FIXTURE PRESSURES (R3TF44)

MACH (5) = 1.103 RN/L (1) = 4.515

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.1558								.1716
9.0000	.2548								.2523
12.0000	.3347								.3368
14.4750		.3764	.3695		.3737	.3619		.3712	

MACH (6) = 1.250 RN/L (1) = 4.559 P = 790.02 PT = 2045.4 TTF = 72.838 Q = 863.55

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0037	-.0055	-.0015	.0001	-.0034	-.0038	-.0047	
-12.0000	.0025								.0096
-9.0000	.0029								-.0013
-6.0000	-.0053								.0024
-3.0000	-.0012								.0034
.0000	-.0106								.0105
3.0000	.0087								.0107
6.0000	.1320								.1199
9.0000	.2971								.2877
12.0000	.4063								.3957
14.4750		.4451	.4453		.4485	.4524		.4323	

MACH (7) = 1.403 RN/L (1) = 4.611 P = 658.47 PT = 2104.1 TTF = 73.813 Q = 907.16

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0157	.0044	-.0024	-.0038	.0036	.0104	.0073	
-12.0000	.0170								.0207
-9.0000	.0092								.0024
-6.0000	-.0106								.0018
-3.0000	-.0061								.0022
.0000	-.0154								.0086
3.0000	-.0017								.0005
6.0000	.0010								.0111
9.0000	.0255								.1654
12.0000	.2527								.1802
14.4750		.3426	.3620		.3550	.3456		.3392	

OA-252 (P90) FIXTURE PRESSURES (R3TF45) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.000	PANEL =	90.000
GAP =	.030	STEP-F =	.020
STEP-A =	.020		

MACH (1) = 1.404 RN/L (1) = 4.662 P = 658.47 PT = 2108.4 TTF = 70.152 Q = 909.01

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0219	.0120	.0004	.0005	.0084	.0115	.0143	
-12.0000	.0186								
-9.0000	.0096								.0222
-6.0000	-.0077								.0039
-3.0000	-.0015								.0067
.0000	-.0122								.0056
3.0000	.0025								.0090
6.0000	.0096								-.0037
9.0000	.0333								.0111
12.0000	.2921								.0292
14.4750		.3698	.3513		.3650	.3666		.3567	.2309

OA-252 (P90) FIXTURE PRESSURES (R3TF46) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .030 STEP-F = .000
STEP-A = .160

MACH (1) = .600 RN/L (1) = 4.504 P = 2142.3 PT = 2731.5 TTF = 77.226 Q = 538.94

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0063	-.0008	.0003	.0039	-.0041	-.0031	.0068	
-12.0000	.0027								-.0010
-9.0000	.0001								.0021
-6.0000	-.0080								.0154
-3.0000	.0001								.0125
.0000	-.0111								.0120
3.0000	-.0049								.0016
6.0000	-.0056								.0099
9.0000	.0095								.0089
12.0000	.0095								.0042
14.4750		.0105	.0111		.0262	.0212		.0139	

MACH (2) = .799 RN/L (1) = 4.460 P = 1491.6 PT = 2271.0 TTF = 77.365 Q = 666.20

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0036	.0015	.0015	.0084	.0019	.0042	.0076	
-12.0000	.0038								.0105
-9.0000	.0101								-.0032
-6.0000	.0002								.0050
-3.0000	.0038								.0069
.0000	-.0076								.0025
3.0000	.0036								.0063
6.0000	.0076								.0194
9.0000	.0286								.0295
12.0000	.0398								.0461
14.4750		.0482	.0482		.0541	.0486		.0457	

OA-252 (P90) FIXTURE PRESSURES (R3TF46)

MACH (3) = .898 RN/L (1) = 4.493 P = 1283.0 PT = 2165.0 TTF = 76.077 Q = 723.99

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0074	-.0010	-.0019	-.0011	-.0015	-.0060	.0031	
-12.0000	.0025								.0012
-9.0000	.0003								-.0015
-6.0000	-.0053								.0066
-3.0000	-.0061								.0027
.0000	-.0132								.0085
3.0000	-.0045								.0004
6.0000	-.0028								.0062
9.0000	.0120								.0082
12.0000	.0314								.0324
14.4750		.0450	.0461		.0547	.0467		.0469	

MACH (4) = 1.050 RN/L (1) = 4.479 P = 1040.4 PT = 2088.6 TTF = 81.987 Q = 802.20

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0069	-.0146	-.0226	-.0184	-.0212	-.0158	-.0030	
-12.0000	-.0060								.0042
-9.0000	-.0081								-.0041
-6.0000	-.0023								.0036
-3.0000	-.0023								.0089
.0000	.0268								.0216
3.0000	.0939								.0956
6.0000	.1538								.1778
9.0000	.2582								.2423
12.0000	.3058								.3212
14.4750		.3640	.3563		.3458	.3551		.3491	

MACH (5) = 1.102 RN/L (1) = 4.549 P = 973.20 PT = 2083.6 TTF = 78.234 Q = 827.56

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0102	-.0195	-.0209	-.0204	-.0302	-.0216	-.0102	
-12.0000	-.0038								.0019
-9.0000	-.0070								-.0037
-6.0000	-.0135								-.0020
-3.0000	-.0024								.0081
.0000	-.0052								.0108
3.0000	.0604								.0749

OA-252 (P90) FIXTURE PRESSURES (R3TF46)

MACH (5) = 1.102 RN/L (1) = 4.549

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.1852								.1828
9.0000	.2710								.2672
12.0000	.3482								.3453
14.4750		.3710	.3703		.3732	.3885		.3734	

MACH (6) = 1.250 RN/L (1) = 4.644 P = 809.82 PT = 2098.5 TTF = 75.694 Q = 886.09

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0026	-.0091	-.0003	.0042	-.0035	-.0108	-.0102	
-12.0000	-.0050								.0035
-9.0000	-.0007								-.0054
-6.0000	-.0029								.0022
-3.0000	-.0096								-.0026
.0000	-.0196								.0054
3.0000	-.0071								.0011
6.0000	.0152								.0374
9.0000	.1470								.1830
12.0000	.3034								.3035
14.4750		.3972	.3986		.3997	.4042		.3899	

MACH (7) = 1.408 RN/L (1) = 4.639 P = 664.83 PT = 2138.8 TTF = 77.608 Q = 922.16

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0091	.0015	-.0005	-.0044	.0096	.0260	.0050	
-12.0000	.0058								.0103
-9.0000	.0087								-.0035
-6.0000	-.0107								.0039
-3.0000	.0004								-.0034
.0000	-.0043								.0125
3.0000	.0004								-.0049
6.0000	-.0015								.0091
9.0000	.0001								.0478
12.0000	.1310								.2131
14.4750		.3173	.3327		.3373	.3041		.3538	

OA-252 (P90) FIXTURE PRESSURES (R3TF47) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 90.000
GAP = .017 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 4.521 P = 2251.9 PT = 2877.9 TTF = 99.414 Q = 572.09

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0016	.0007	-.0050	.0021	-.0074	-.0074	.0060
-12.0000	.0015								-.0006
-9.0000	-.0009								-.0001
-6.0000	-.0091								.0029
-3.0000	-.0019								.0004
.0000	-.0184								.0011
3.0000	-.0041								.0004
6.0000	-.0078								.0107
9.0000	.0035								.0060
12.0000	.0153								.0122
14.4750			.0227	.0214		.0236	-.0017		-.0009

MACH (2) = .799 RN/L (1) = 4.497 P = 1587.1 PT = 2416.0 TTF = 100.10 Q = 708.56

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0076	-.0023	-.0001	-.0080	-.0047	-.0080	-.0055
-12.0000	-.0091								.0098
-9.0000	-.0003								-.0013
-6.0000	-.0077								.0070
-3.0000	-.0142								.0019
.0000	-.0093								-.0011
3.0000	.0040								.0019
6.0000	.0110								.0131
9.0000	.0431								.0290
12.0000	.0469								.0349
14.4750			.0544	.0536		.0848	.0467		.0528

OA-252 (P90) FIXTURE PRESSURES (R3TF47)

MACH (3) = .895 RN/L (1) = 4.383 P = 1326.1 PT = 2230.7 TTF = 98.587 Q = 743.50

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0036	-.0073	-.0043	-.0021	-.0149	-.0104	-.0077	
-12.0000	-.0107								-.0024
-9.0000	-.0014								-.0130
-6.0000	-.0160								-.0028
-3.0000	-.0099								.0019
.0000	-.0192								-.0053
3.0000	-.0084								-.0045
6.0000	.0075								.0014
9.0000	.0149								.0242
12.0000	.0296								.0373
14.4750		.0524	.0560		.0565	.0408		.0372	

MACH (4) = 1.047 RN/L (1) = 4.476 P = 1058.1 PT = 2118.3 TTF = 87.984 Q = 812.31

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0086	-.0057	-.0195	-.0083	-.0031	-.0140	-.0097	
-12.0000	-.0122								.0050
-9.0000	.0013								.0019
-6.0000	.0006								.0052
-3.0000	-.0021								.0005
.0000	.0133								.0155
3.0000	.0928								.0966
6.0000	.1691								.1779
9.0000	.2486								.2457
12.0000	.3105								.3118
14.4750		.3441	.3383		.3460	.3316		.3498	

MACH (5) = 1.098 RN/L (1) = 4.424 P = 977.45 PT = 2081.5 TTF = 89.092 Q = 824.65

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0070	-.0235	-.0186	-.0289	-.0150	-.0249	-.0119	
-12.0000	-.0081								-.0007
-9.0000	-.0071								-.0056
-6.0000	-.0020								.0027
-3.0000	-.0050								.0030
.0000	.0163								.0286
3.0000	.1238								.1395

OA-252 (P90) FIXTURE PRESSURES (R3TF47)

MACH (5) = 1.098 RN/L (1) = 4.424

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.2161								.2375
9.0000	.2971								.2984
12.0000	.3599								.3658
14.4750			.3940	.3974		.3913	.3865	.3913	

MACH (6) = 1.252 RN/L (1) = 4.500 P = 808.41 PT = 2098.5 TTF = 88.538 Q = 886.40

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			-.0002	-.0070	.0003	.0040	-.0017	-.0074	-.0100
-12.0000	-.0057								
-9.0000	-.0011								.0068
-6.0000	-.0042								-.0016
-3.0000	-.0074								.0014
.0000	-.0158								.0017
3.0000	-.0057								.0065
6.0000	.0602								.0014
9.0000	.2685								.1053
12.0000	.3680								.2636
14.4750			.4509	.4322		.4333	.4392	.4237	.3488

MACH (7) = 1.402 RN/L (1) = 4.504 P = 669.78 PT = 2136.7 TTF = 89.542 Q = 921.17

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0049	-.0010	-.0071	-.0037	.0075	.0103	.0051
-12.0000	.0069								
-9.0000	-.0015								.0068
-6.0000	-.0087								-.0057
-3.0000	-.0049								.0004
.0000	-.0146								.0028
3.0000	-.0076								.0039
6.0000	-.0056								.0005
9.0000	.0351								.0318
12.0000	.2724								.1835
14.4750			.3858	.3772		.3952	.3751	.3669	.2856

OA-252 (P90) FIXTURE PRESSURES (R3TF48) (11 APR 80)

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 = .6670

PARAMETRIC DATA

MWALL = .001 PANEL = 90.000
GAP = .067 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 4.545 P = 2253.4 PT = 2878.6 TTF = 97.036 Q = 571.52

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0025	-.0081	.0040	.0025	.0135	-.0017	.0096	
-12.0000	.0046								.0035
-9.0000	.0046								.0049
-6.0000	.0093								.0044
-3.0000	-.0037								.0123
.0000	-.0087								-.0034
3.0000	-.0084								.0081
6.0000	-.0060								.0057
9.0000	.0071								.0025
12.0000	.0093								.0091
14.4750		.0159	.0164		.0191	.0169		.0044	

MACH (2) = .802 RN/L (1) = 4.451 P = 1578.6 PT = 2411.1 TTF = 104.57 Q = 710.67

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0113	-.0061	.0038	.0026	.0008	.0004	.0048	
-12.0000	.0023								.0105
-9.0000	.0057								.0062
-6.0000	-.0034								.0085
-3.0000	-.0022								.0097
.0000	-.0052								.0073
3.0000	-.0018								.0145
6.0000	.0166								.0210
9.0000	.0345								.0300
12.0000	.0561								.0474
14.4750		.0661	.0663		.0604	.0539		.0638	

OA-252 (P90) FIXTURE PRESSURES (R3TF48)

MACH (3) = .898 RN/L (1) = 4.383 P = 1326.8 PT = 2239.2 TTF = 100.83 Q = 748.92

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0036	-.0015	.0000	-.0020	-.0030	.0004	.0032	
-12.0000	.0005								.0036
-9.0000	.0076								-.0043
-6.0000	-.0052								.0021
-3.0000	-.0100								.0055
.0000	-.0151								.0025
3.0000	-.0038								-.0026
6.0000	-.0040								.0081
9.0000	.0189								.0126
12.0000	.0400								.0340
14.4750		.0387	.0530		.0596	.0475		.0477	

MACH (4) = 1.050 RN/L (1) = 4.479 P = 1065.1 PT = 2138.8 TTF = 91.928 Q = 821.60

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0009	-.0107	-.0124	-.0109	-.0127	-.0088	-.0011	
-12.0000	-.0033								.0021
-9.0000	.0035								-.0049
-6.0000	-.0030								.0091
-3.0000	.0160								.0209
.0000	.0652								.0716
3.0000	.1345								.1390
6.0000	.2087								.2153
9.0000	.2702								.2724
12.0000	.3232								.3215
14.4750		.3248	.3330		.3441	.3395		.3420	

MACH (5) = 1.096 RN/L (1) = 4.478 P = 994.42 PT = 2113.3 TTF = 90.303 Q = 836.45

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0127	.0105	.0114	.0063	-.0028	-.0137	.0019	
-12.0000	-.0026								.0041
-9.0000	-.0020								.0003
-6.0000	-.0042								.0045
-3.0000	-.0013								.0045
.0000	-.0123								.0056
3.0000	.0120								.0161

OA-252 (P90) FIXTURE PRESSURES (R3TF48)

MACH (5) = 1.096 RN/L (1) = 4.478

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.0752								.0904
9.0000	.1985								.2014
12.0000	.2726								.2778
14.4750		.3248	.3120		.3305	.3179		.3164	

MACH (6) = 1.245 RN/L (1) = 4.505 P = 819.73 PT = 2109.8 TTF = 90.372 Q = 889.64

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0080	-.0173	-.0086	-.0061	-.0118	-.0165	-.0129	
-12.0000	-.0065								.0030
-9.0000	-.0071								-.0047
-6.0000	-.0071								.0002
-3.0000	-.0058								-.0017
.0000	-.0174								.0038
3.0000	-.0069								.0078
6.0000	.0487								.0989
9.0000	.2542								.2423
12.0000	.3674								.3555
14.4750		.4300	.4294		.4247	.4318		.4210	

MACH (7) = 1.407 RN/L (1) = 4.519 P = 664.83 PT = 2137.4 TTF = 87.984 Q = 921.55

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0072	-.0050	-.0090	-.0111	-.0008	-.0061	-.0053	
-12.0000	.0077								.0099
-9.0000	-.0042								-.0050
-6.0000	-.0150								.0012
-3.0000	-.0085								-.0009
.0000	-.0186								.0058
3.0000	-.0132								-.0038
6.0000	-.0106								.0023
9.0000	.0168								.1154
12.0000	.2367								.2436
14.4750		.3565	.3711		.3821	.3502		.3877	

OA-252 (P90) FIXTURE PRESSURES (R3TF49) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.001	PANEL =	90.000
GAP =	.067	STEP-F =	.000
STEP-A =	.000		

MACH (1) = 1.401 RN/L (1) = 4.523 P = 671.20 PT = 2139.5 TTF = 88.469 Q = 922.38

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0048	.0010	.0031	.0042	.0063	.0171	.0011	
-12.0000	.0046								.0100
-9.0000	.0013								-.0094
-6.0000	-.0120								-.0001
-3.0000	.0016								-.0031
.0000	-.0091								.0093
3.0000	-.0086								-.0077
6.0000	-.0126								.0054
9.0000	.0435								.1371
12.0000	.2295								.2482
14.4750		.3759	.3594		.3789	.3661		.3495	

OA-252 (P45) FIXTURE PRESSURES (R3TF50) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .603 RN/L (1) = 2.017 P = 937.84 PT = 1198.8 TTF = 70.536 Q = 238.51

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0106	.0023	-.0012	.0076	-.0012	-.0088	-.0012	
-12.0000	-.0071								-.0030
-9.0000	-.0089								.0035
-6.0000	-.0060								-.0006
-3.0000	-.0042								-.0035
.0000	-.0148								.0000
3.0000	-.0042								.0029
6.0000	.0011								.0112
9.0000	.0005								.0018
12.0000	.0100								.0171
14.4750		.0266	.0254		.0195	.0076		.0100	

MACH (2) = .929 RN/L (1) = 2 035 P = 546.72 PT = 954.81 TTF = 70.381 Q = 330.44

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0537	.0537	.0537	.0592	.0580	.0473	.0541	
-12.0000	.0498								.0490
-9.0000	.0463								.0507
-6.0000	.0498								.0477
-3.0000	.0519								.0550
.0000	.0399								.0507
3.0000	.0485								.0490
6.0000	.0489								.0588
9.0000	.0643								.0661
12.0000	.0832								.0870
14.4750		.1038	.1038		.1064	.0931		.0854	

OA-252 (P45) FIXTURE PRESSURES (R3TF50)

MACH (3) = 1.103 RN/L (1) = 2.008 P = 422.24 PT = 904.60 TTF = 71.478 Q = 359.39

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0021	.0048	.0021	.0052	-.0038	.0013	-.0015	
-12.0000	-.0054								-.0030
-9.0000	-.0011								-.0026
-6.0000	-.0042								.0052
-3.0000	-.0026								.0052
.0000	-.0050								.0083
3.0000	.0158								.0236
6.0000	.0923								.1175
9.0000	.2002								.2016
12.0000	.2849								.2880
14.4750		.3277	.3269		.3387	.3281		.3210	

MACH (4) = 1.247 RN/L (1) = 2.000 P = 349.39 PT = 901.77 TTF = 74.824 Q = 380.47

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0138	-.0121	-.0058	.0038	.0023	-.0036	-.0047	
-12.0000	-.0045								-.0036
-9.0000	-.0034								.0019
-6.0000	-.0019								-.0018
-3.0000	-.0086								-.0040
.0000	-.0146								.0005
3.0000	-.0008								.0134
6.0000	.0571								.1193
9.0000	.2278								.2248
12.0000	.3336								.3319
14.4750		.4078	.4067		.4123	.4086		.3904	

OA-252 (P45) FIXTURE PRESSURES (R3TF51) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 4.515 P = 2159.3 PT = 2757.6 TTF = 81.292 Q = 547.01

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0114	* .0114	.0086	.0112	.0030	.0117	.0150	
-12.0000	-.0004								.0004
-9.0000	.0101								.0050
-6.0000	-.0071								.0050
-3.0000	-.0040								.0153
.0000	-.0094								.0050
3.0000	.0019								.0014
6.0000	-.0012								.0040
9.0000	.0083								.0053
12.0000	.0145								.0076
14.4750		.0197	.0248		.0223	.0207		.0065	

MACH (2) = .799 RN/L (1) = 4.478 P = 1528.4 PT = 2326.9 TTF = 85.802 Q = 682.54

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0036	.0110	.0025	.0064	.0019	-.0018	.0079	
-12.0000	-.0018								-.0055
-9.0000	-.0032								-.0012
-6.0000	-.0078								-.0057
-3.0000	-.0053								.0038
.0000	-.0181								.0112
3.0000	.0096								.0097
6.0000	.0019								.0169
9.0000	.0193								.0274
12.0000	.0441								.0492
14.4750		.0540	.0606		.0482	.0482		.0377	

OA-252 (P45) FIXTURE PRESSURES (R3TF51)

MACH (3) = .903 RN/L (1) = 4.498 P = 1312.7 PT = 2228.6 TTF = 88.711 Q = 750.05

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0069	.0101	.0082	.0065	.0017	.0067	.0052	
-12.0000	-.0020								
-9.0000	.0080								.0003
-6.0000	-.0097								-.0010
-3.0000	-.0072								-.0002
.0000	-.0142								-.0025
3.0000	.0020								.0028
6.0000	-.0065								-.0002
9.0000	.0172								.0148
12.0000	.0319								.0211
14.4750		.0563	.0586		.0642	.0518		.0390	.0363

MACH (4) = 1.055 RN/L (1) = 4.483 P = 1024.1 PT = 2068.8 TTF = 78.130 Q = 797.45

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0074	.0009	-.0034	-.0006	.0000	.0035	.0035	
-12.0000	-.0059								
-9.0000	.0054								-.0021
-6.0000	-.0068								.0033
-3.0000	.0029								.0028
.0000	.0222								.0068
3.0000	.0959								.0393
6.0000	.1800								.0970
9.0000	.2560								.1940
12.0000	.3233								.2605
14.4750		.3501	.3529		.3593	.3559		.3566	.3299

MACH (5) = 1.102 RN/L (1) = 4.535 P = 972.50 PT = 2080.8 TTF = 78.895 Q = 826.20

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0005	-.0068	-.0065	-.0046	-.0090	-.0077	.0017	
-12.0000	-.0006								
-9.0000	-.0057								-.0055
-6.0000	-.0103								.0012
-3.0000	-.0040								.0012
.0000	-.0028								.0029
3.0000	.0730								.0189
									.0795

OA-252 (P45) FIXTURE PRESSURES (R3TF51)

MACH (5) = 1.102 RN/L (1) = 4.535

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.1715								.1860
9.0000	.2624								.2721
12.0000	.3459								.3439
14.4750		.3732	.3732		.3684	.3760		.3754	

MACH (6) = 1.251 RN/L (1) = 4.515 P = 799.92 PT = 2075.6 TTF = 82.716 Q = 876.79

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0036	-.0084	.0044	.0092	.0022	-.0046	-.0069	
-12.0000	-.0102								-.0030
-9.0000	.0006								-.0020
-6.0000	-.0045								.0001
-3.0000	-.0124								-.0041
.0000	-.0217								.0042
3.0000	-.0077								.0023
6.0000	.0456								.0873
9.0000	.2172								.2467
12.0000	.3392								.3384
14.4750		.4212	.4103		.4374	.4334		.4167	

MACH (7) = 1.402 RN/L (1) = 4.528 P = 663.42 PT = 2116.9 TTF = 83.583 Q = 912.63

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0014	-.0213	-.0147	-.0121	-.0042	-.0020	-.0122	
-12.0000	-.0143								-.0082
-9.0000	-.0083								-.0079
-6.0000	-.0180								-.0027
-3.0000	-.0087								-.0036
.0000	-.0179								.0061
3.0000	-.0089								-.0065
6.0000	-.0097								.0796
9.0000	.1096								.2184
12.0000	.2818								.3099
14.4750		.3902	.3593		.3912	.3947		.3850	

OA-252 (P45) FIXTURE PRESSURES (R3TF52) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.002	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = 1.252 RN/L (1) = 4.526 P = 799.92 PT = 2076.5 TTF = 81.778 Q = 877.15

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0041	-.0076	.0031	.0088	.0041	-.0044	-.0116	
-12.0000	-.0109								-.0061
-9.0000	-.0005								-.0004
-6.0000	-.0030								.0003
-3.0000	-.0099								-.0004
.0000	-.0233								.0070
3.0000	-.0072								.0088
6.0000	.0049								.1093
9.0000	.2067								.2247
12.0000	.3409								.3597
14.4750		.4181	.4194		.4328	.4385		.4181	

OA-252 (P45) FIXTURE PRESSURES (R3TF53) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.002	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .600 RN/L (1) = 5.925 P = 2843.9 PT = 3628.3 TTF = 81.709 Q = 717.34

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0020	.0067	.0000	-.0033	.0008	-.0016	.0094	
-12.0000	.0043								.0008
-9.0000	-.0036								-.0016
-6.0000	-.0087								.0008
-3.0000	-.0193								.0053
.0000	-.0241								.0014
3.0000	-.0022								.0002
6.0000	-.0117								-.0012
9.0000	.0041								.0000
12.0000	.0111								.0053
14.4750		.0192	.0231		.0243	.0088		.0037	

MACH (2) = .899 RN/L (1) = 6.004 P = 1762.5 PT = 2976.9 TTF = 88.158 Q = 996.50

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0063	.0064	.0133	.0074	.0054	.0037	.0060	
-12.0000	-.0012								.0063
-9.0000	.0041								.0029
-6.0000	-.0033								.0060
-3.0000	-.0080								.0058
.0000	-.0088								.0013
3.0000	.0001								.0063
6.0000	-.0042								.0019
9.0000	.0167								.0122
12.0000	.0453								.0339
14.4750		.0493	.0597		.0604	.0643		.0370	

OA-252 (P45) FIXTURE PRESSURES (R3TF53)

MACH (3) = 1.100 RN/L (1) = 6.020 P = 1293.6 PT = 2761.9 TTF = 78.756 Q = 1095.5

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0045	-.0013	-.0109	-.0024	-.0094	-.0020	-.0063	
-12.0000	-.0050								
-9.0000	-.0003								-.0040
-6.0000	-.0085								-.0014
-3.0000	-.0042								.0016
.0000	-.0128								-.0020
3.0000	.0389								.0054
6.0000	.1418								.0245
9.0000	.2518								.1498
12.0000	.3252								.2433
14.4750		.3646	.3711		.3641	.3678		.3583	.3232

MACH (4) = 1.246 RN/L (1) = 6.014 P = 1074.3 PT = 2769.0 TTF = 83.340 Q = 1167.9

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0077	-.0136	-.0023	.0004	-.0051	-.0130	-.0122	
-12.0000	-.0141								
-9.0000	-.0024								-.0076
-6.0000	-.0082								-.0039
-3.0000	-.0181								-.0051
.0000	-.0240								-.0082
3.0000	-.0025								.0014
6.0000	.1095								.0222
9.0000	.2966								.1848
12.0000	.3826								.3026
14.4750		.4585	.4453		.4508	.4514		.4430	.3941

OA-252 (P45) FIXTURE PRESSURES (R3TF54) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.412 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 2.015 P = 943.50 PT = 1205.2 TTF = 72.663 Q = 239.22

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0127	.0045	-.0108	-.0014	.0004	.0028	.0075
-12.0000	-.0043								
-9.0000	.0022								-.0025
-6.0000	-.0120								-.0019
-3.0000	-.0161								-.0037
.0000	-.0321								-.0096
3.0000	-.0144								-.0131
6.0000	-.0344								-.0231
9.0000	-.0763								-.0501
12.0000	-.1389								-.0942
14.4750			-.1354	-.1342		-.1354	-.1608	-.1891	-.1599

MACH (2) = .899 RN/L (1) = 1.998 P = 565.82 PT = 955.52 TTF = 73.186 Q = 319.80

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0053	.0036	.0036	.0080	.0044	-.0022	.0062
-12.0000	-.0046								
-9.0000	-.0086								-.0053
-6.0000	-.0086								.0022
-3.0000	-.0086								-.0017
.0000	-.0205								.0027
3.0000	-.0090								.0031
6.0000	-.0174								-.0075
9.0000	-.0152								-.0044
12.0000	-.0391								-.0163
14.4750			-.1272	-.1268		-.1073	-.1321	-.1878	-.0556

OA-252 (P45) FIXTURE PRESSURES (R3TF54)

MACH (3) = 1.102 RN/L (1) = 2.005 P = 422.24 PT = 903.89 TTF = 71.792 Q = 358.98

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0037	-.0093	-.0136	-.0230	-.0285	-.0238	-.0163	
-12.0000	-.0133								-.0097
-9.0000	-.0082								-.0065
-6.0000	-.0051								-.0018
-3.0000	-.0106								-.0026
.0000	-.0137								.0049
3.0000	-.0125								-.0042
6.0000	-.0216								-.0097
9.0000	.0051								-.0014
12.0000	.0067								.0064
14.4750		.0181	.0181		.0272	.0107		-.0137	

MACH (4) = 1.248 RN/L (1) = 2.014 P = 349.39 PT = 903.18 TTF = 72.524 Q = 381.19

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0028	-.0105	.0058	.0028	-.0064	-.0057	-.0178	
-12.0000	-.0081								-.0068
-9.0000	-.0081								-.0105
-6.0000	-.0111								-.0001
-3.0000	-.0185								-.0049
.0000	-.0188								-.0001
3.0000	.0012								-.0046
6.0000	-.0140								-.0138
9.0000	.0037								-.0075
12.0000	.0015								-.0090
14.4750		.0156	.0145		-.0070	-.0166		-.0048	

OA-252 (P45) FIXTURE PRESSURES (R3TF55) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.382 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 4.465 P = 2164.2 PT = 2759.8 TTF = 85.352 Q = 544.74

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0155	.0013	.0042	.0062	-.0031	.0000	.0021	
-12.0000	-.0068								.0031
-9.0000	.0005								.0042
-6.0000	-.0182								-.0067
-3.0000	-.0171								.0008
.0000	-.0293								-.0013
3.0000	-.0241								-.0185
6.0000	-.0423								-.0443
9.0000	-.0581								-.0776
12.0000	-.1207								-.1304
14.4750		-.1420	-.1487		-.1187	-.1484		-.1961	

MACH (2) = .800 RN/L (1) = 4.474 P = 1541.1 PT = 2348.8 TTF = 90.407 Q = 690.11

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0103	.0074	.0042	.0107	.0017	.0050	.0145	
-12.0000	.0013								-.0087
-9.0000	.0017								.0034
-6.0000	-.0151								-.0030
-3.0000	-.0118								.0046
.0000	-.0247								.0027
3.0000	-.0120								-.0093
6.0000	-.0208								-.0123
9.0000	-.0259								-.0247
12.0000	-.0404								-.0589
14.4750		-.0827	-.0860		-.0809	-.0872		-.1310	

OA-252 (P45) FIXTURE PRESSURES (R3TF55)

MACH (3) = .897 RN/L (1) = 4.428 P = 1321.9 PT = 2227.9 TTF = 94.000 Q = 744.09

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0185	.0105	.0107	.0149	.0096	.0051	.0089	
-12.0000	-.0010								.0013
-9.0000	.0007								.0058
-6.0000	-.0048								.0085
-3.0000	-.0067								.0041
.0000	-.0179								.0089
3.0000	-.0046								-.0025
6.0000	-.0094								-.0079
9.0000	-.0048								-.0119
12.0000	-.0246								-.0395
14.4750		-.0910	-.0676		-.0657	-.0877		-.1183	

MACH (4) = 1.048 RN/L (1) = 4.526 P = 1046.8 PT = 2097.1 TTF = 79.277 Q = 804.49

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0091	.0067	.0004	.0058	-.0003	-.0045	-.0073	
-12.0000	-.0097								.0004
-9.0000	-.0011								.0039
-6.0000	-.0179								-.0028
-3.0000	-.0169								-.0056
.0000	-.0151								.0098
3.0000	-.0076								-.0003
6.0000	-.0120								-.0063
9.0000	.0085								-.0038
12.0000	.0422								.0493
14.4750		.1121	.1310		.1540	.1298		.0928	

MACH (5) = 1.101 RN/L (1) = 4.512 P = 973.20 PT = 2079.4 TTF = 80.632 Q = 825.09

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0117	-.0077	.0054	-.0222	-.0318	-.0238	-.0072	
-12.0000	.0010								-.0098
-9.0000	-.0003								-.0018
-6.0000	-.0062								.0023
-3.0000	-.0092								.0010
.0000	-.0221								.0056
3.0000	-.0104								-.0008

OA-252 (P45) FIXTURE PRESSURES (R3TF55)

MACH (5) = 1.101 RN/L (1) = 4.512

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	-.0175								
9.0000	.0058								-.0089
12.0000	.0113								-.0014
14.4750			.0294	.0301		.0364	.0216	.0067	.0143

MACH (6) = 1.250 RN/L (1) = 4.519 P = 814.07 PT = 2109.1 TTF = 88.850 Q = 890.54

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			-.0040	-.0125	-.0045	-.0032	-.0144	-.0036	-.0103
-12.0000	.0012								
-9.0000	-.0086								-.0083
-6.0000	-.0086								-.0003
-3.0000	-.0186								-.0007
.0000	-.0257								-.0053
3.0000	-.0023								.0060
6.0000	-.0211								-.0026
9.0000	.0034								-.0078
12.0000	-.0018								-.0072
14.4750			.0433	.0444		.0451	-.0179	-.0026	-.0135

MACH (7) = 1.397 RN/L (1) = 4.489 P = 667.86 PT = 2116.9 TTF = 87.430 Q = 912.55

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0031	.0151	.0067	-.0060	.0125	.0231	.0028
-12.0000	.0013								
-9.0000	.0004								-.0021
-6.0000	-.0111								-.0078
-3.0000	-.0080								-.0055
.0000	-.0189								-.0001
3.0000	-.0134								.0100
6.0000	-.0129								-.0021
9.0000	-.0165								-.0151
12.0000	-.0019								-.0149
14.4750			-.0041	.0168		.0129	-.0202	-.0204	-.0168

OA-252 (P45) FIXTURE PRESSURES (R3TF58) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	1.407	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .599 RN/L (1) = 5.921 P = 2872.9 PT = 3662.2 TTF = 85.456 Q = 722.09

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0098	.0005	.0034	.0131	.0028	-.0038	.0080	
-12.0000	-.0083								-.0017
-9.0000	-.0119								-.0013
-6.0000	-.0136								-.0025
-3.0000	-.0083								-.0083
.0000	-.0308								-.0013
3.0000	-.0269								-.0211
6.0000	-.0476								-.0379
9.0000	-.0643								-.0791
12.0000	-.1282								-.1410
14.4750		-.1679	-.1288		-.1259	-.1439		-.2004	

MACH (2) = .901 RN/L (1) = 5.874 P = 1756.2 PT = 2973.4 TTF = 97.416 Q = 997.86

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0129	.0085	.0062	.0179	.0083	.0044	.0112	
-12.0000	.0000								.0064
-9.0000	-.0005								.0042
-6.0000	-.0098								.0027
-3.0000	-.0091								-.0021
.0000	-.0230								.0061
3.0000	-.0095								-.0037
6.0000	-.0153								-.0052
9.0000	-.0061								-.0142
12.0000	-.0349								-.0543
14.4750		-.1462	-.1192		-.0931	-.1342		-.1734	

OA-252 (P45) FIXTURE PRESSURES (R3TF56)

MACH (3) = 1.102 RN/L (1) = 5.944 P = 1290.8 PT = 2762.6 TTF = 84.207 Q = 1097.1

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0099	-.0283	-.0232	-.0261	-.0377	-.0295	-.0085	
-12.0000	-.0010								-.0121
-9.0000	-.0047								-.0077
-6.0000	-.0177								.0001
-3.0000	-.0155								-.0042
.0000	-.0227								.0112
3.0000	-.0100								-.0018
6.0000	-.0195								-.0121
9.0000	.0127								-.0057
12.0000	.0036								.0169
14.4750		.0370	.0744		.1073	.0675		.0400	

MACH (4) = 1.249 RN/L (1) = 5.899 P = 1070.1 PT = 2769.7 TTF = 91.409 Q = 1169.2

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0107	-.0167	-.0083	-.0042	-.0153	-.0109	-.0101	
-12.0000	.0032								-.0098
-9.0000	-.0056								-.0075
-6.0000	-.0097								.0023
-3.0000	-.0220								-.0083
.0000	-.0271								.0039
3.0000	-.0017								-.0037
6.0000	-.0229								-.0062
9.0000	.0032								-.0091
12.0000	.0003								-.0139
14.4750		.0019	.0003		-.0156	-.0347		-.0035	

OA-252 (P45+A) FIXTURE PRESSURES (R3TF57) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = -.001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .600 RN/L (1) = 4.510 P = 2122.5 PT = 2706.7 TTF = 73.047 Q = 534.37

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0091	-.0111	-.0030	.0078	.0026	-.0032	.0013	
-12.0000	-.0010								.0049
-9.0000	-.0036								.0047
-6.0000	-.0047								-.0061
-3.0000	-.0036								-.0003
.0000	-.0176								.0060
3.0000	-.0092								-.0069
6.0000	-.0010								.0084
9.0000	.0099								.0049
12.0000	.0154								.0086
14.4750		.0186	.0249		.0239	.0080		-.0057	

MACH (2) = .798 RN/L (1) = 4.559 P = 1551.0 PT = 2360.2 TTF = 84.069 Q = 691.75

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0041	.0030	-.0005	.0046	.0052	.0079	-.0021	
-12.0000	-.0057								-.0035
-9.0000	.0051								-.0039
-6.0000	-.0028								-.0033
-3.0000	-.0087								-.0045
.0000	-.0204								.0044
3.0000	-.0012								-.0039
6.0000	-.0167								.0000
9.0000	-.0026								.0048
12.0000	.0013								.0103
14.4750		.0219	.0237		.0284	.0105		-.0085	

OA-252 (P45+A) FIXTURE PRESSURES (R3TF57)

MACH (3) = .901 RN/L (1) = 4.447 P = 1292.9 PT = 2188.3 TTF = 85.352 Q = 734.14

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0052	-.0002	.0064	.0091	.0060	.0031	.0143	
-12.0000	.0168								
-9.0000	.0179								.0079
-6.0000	.0444								.0064
-3.0000	.0672								.0286
.0000	.0964								.0678
3.0000	.1424								.1205
6.0000	.1834								.1737
9.0000	.2427								.2145
12.0000	.2841								.2564
14.4750		.2980	.3040		.3133	.2968		.3057	.2923

MACH (4) = 1.054 RN/L (1) = 4.481 P = 1034.7 PT = 2088.6 TTF = 82.230 Q = 804.72

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0045	-.0078	-.0057	.0019	-.0059	-.0069	-.0066	
-12.0000	-.0026								
-9.0000	-.0012								-.0013
-6.0000	-.0066								-.0009
-3.0000	-.0102								-.0031
.0000	.0159								.0017
3.0000	.0890								.0200
6.0000	.1613								.0844
9.0000	.2587								.1830
12.0000	.3167								.2591
14.4750		.3501	.3508		.3564	.3499		.3598	.3213

MACH (5) = 1.103 RN/L (1) = 4.499 P = 951.99 PT = 2039.8 TTF = 74.057 Q = 810.43

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0041	-.0139	-.0152	-.0064	-.0143	-.0115	-.0039	
-12.0000	.0031								
-9.0000	-.0046								.0020
-6.0000	-.0086								-.0048
-3.0000	-.0040								-.0008
.0000	-.0074								.0039
3.0000	.0519								.0200
									.0605

OA-252 (P45+A) FIXTURE PRESSURES (R3TF57)

MACH (5) = 1.103 RN/L (1) = 4.499

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.1705								.1934
9.0000	.2650								.2709
12.0000	.3246								.3351
14.4750		.3597	.3597		.3708	.3545		.3529	

MACH (6) = 1.252 RN/L (1) = 4.511 P = 783.66 PT = 2035.5 TTF = 75.102 Q = 859.92

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0004	-.0062	.0019	.0069	.0004	-.0055	.0001	
-12.0000	-.0003								-.0009
-9.0000	.0042								.0027
-6.0000	-.0039								.0031
-3.0000	-.0054								.0006
.0000	-.0158								.0105
3.0000	-.0062								.0136
6.0000	.1123								.1140
9.0000	.2864								.2597
12.0000	.4057								.3665
14.4750		.4420	.4431		.4552	.4504		.4456	

MACH (7) = 1.396 RN/L (1) = 4.513 P = 658.47 PT = 2083.6 TTF = 78.930 Q = 898.19

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0045	.0036	-.0032	.0007	.0025	.0074	.0082	
-12.0000	.0041								-.0027
-9.0000	.0005								-.0040
-6.0000	-.0128								-.0056
-3.0000	-.0103								-.0016
.0000	-.0183								.0020
3.0000	-.0103								.0020
6.0000	-.0109								.0445
9.0000	.1565								.1851
12.0000	.3005								.3198
14.4750		.3988	.4025		.4223	.4131		.3997	

OA-252 (P45+A) FIXTURE PRESSURES (R3TF58) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = -.000 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .898 RN/L (1) = 4.420 P = 1297.1 PT = 2188.3 TTF = 87.292 Q = 731.61

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0060	.0147	.0076	.0082	.0029	.0014	.0045	
-12.0000	.0073								.0153
-9.0000	.0202								.0136
-6.0000	.0398								.0285
-3.0000	.0700								.0676
.0000	.0932								.1159
3.0000	.1562								.1560
6.0000	.1986								.2208
9.0000	.2559								.2479
12.0000	.2896								.2901
14.4750		.2938	.3101		.3008	.3074		.2950	

MACH (2) = 1.049 RN/L (1) = 4.506 P = 1020.6 PT = 2047.5 TTF = 71.443 Q = 786.16

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0042	-.0148	-.0192	-.0154	-.0190	-.0130	-.0053	
-12.0000	-.0034								-.0103
-9.0000	-.0027								.0050
-6.0000	-.0124								.0020
-3.0000	-.0034								.0027
.0000	.0302								.0435
3.0000	.1185								.1045
6.0000	.2086								.2075
9.0000	.2691								.2716
12.0000	.3302								.3409
14.4750		.3564	.3649		.3627	.3542		.3654	

OA-252 (P45+A) FIXTURE PRESSURES (R3TF59) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.001	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .898 RN/L (1) = 4.400 P = 1296.4 PT = 2100.3 TTF = 89.369 Q = 732.03

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0092	.0086	.0080	.0096	.0001	.0106	.0119	
-12.0000	.0140								.0051
-9.0000	.0301								.0138
-6.0000	.0370								.0382
-3.0000	.0784								.0671
.0000	.1052								.1261
3.0000	.1590								.1640
6.0000	.2037								.2163
9.0000	.2368								.2457
12.0000	.2689								.2908
14.4750		.3024	.3032		.3115	.2958		.3009	

OA-252 (P45+A) FIXTURE PRESSURES (R3TF60) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = -.002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .900 RN/L (1) = 4.500 P = 1268.8 PT = 2145.1 TTF = 72.001 Q = 718.81

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0092	.0038	.0025	.0044	-.0043	-.0023	-.0029	
-12.0000	-.0005								-.0050
-9.0000	.0135								.0052
-6.0000	.0282								.0208
-3.0000	.0600								.0451
.0000	.0915								.1125
3.0000	.1398								.1536
6.0000	.1946								.2065
9.0000	.2484								.2475
12.0000	.2869								.2897
14.4750		.3005	.3007		.2997	.2908		.3011	

OA-252 (P45+A) FIXTURE PRESSURES (R3TF61) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	1.376	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .597 RN/L (1) = 4.479 P = 2128.2 PT = 2708.8 TTF = 75.067 Q = 531.51

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0082	.0015	-.0006	.0029	-.0024	-.0024	.0079	
-12.0000	.0035								
-9.0000	-.0002								.0098
-6.0000	-.0135								.0045
-3.0000	-.0119								.0055
.0000	-.0327								.0084
3.0000	-.0199								-.0085
6.0000	-.0417								-.0196
9.0000	-.0569								-.0398
12.0000	-.1297								-.0745
14.4750		-.1345	-.1358		-.1252	-.1424		-.1988	-.1333

MACH (2) = .800 RN/L (1) = 4.508 P = 1490.2 PT = 2271.0 TTF = 73.151 Q = 887.16

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0075	.0015	.0026	.0113	-.0006	.0000	.0047	
-12.0000	.0037								
-9.0000	.0024								.0015
-6.0000	-.0059								-.0028
-3.0000	.0039								.0030
.0000	.0020								.0111
3.0000	.0392								.0170
6.0000	.0607								.0311
9.0000	.1051								.0664
12.0000	.1374								.1079
14.4750		.1708	.1729		.1770	.1638		.1351	.1386

OA-252 (P45+A) FIXTURE PRESSURES (R3TF61)

MACH (3) = .900 RN/L (1) = 4.562 P = 1293.6 PT = 2187.6 TTF = 74.475 Q = 733.23

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0078	.0042	.0061	.0088	.0036	-.0011	.0024	
-12.0000	.0019								-.0003
-9.0000	.0001								-.0017
-6.0000	-.0063								.0038
-3.0000	-.0092								.0057
.0000	-.0140								.0105
3.0000	.0075								.0030
6.0000	.0198								.0253
9.0000	.0577								.0611
12.0000	.1146								.1015
14.4750		.1347	.1502		.1682	.1436		.1171	

MACH (4) = 1.051 RN/L (1) = 4.501 P = 1037.6 PT = 2087.9 TTF = 79.972 Q = 803.03

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0108	-.0001	.0069	.0114	.0031	-.0079	-.0044	
-12.0000	.0096								-.0014
-9.0000	.0182								.0092
-6.0000	-.0049								.0039
-3.0000	-.0180								-.0017
.0000	-.0183								.0092
3.0000	-.0042								.0047
6.0000	-.0065								.0066
9.0000	-.0007								.0004
12.0000	.0096								.0138
14.4750		.0106	.0277		.0304	.0089		-.0141	

MACH (5) = 1.101 RN/L (1) = 4.547 P = 983.11 PT = 2102.7 TTF = 82.126 Q = 834.76

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0102	-.0012	.0166	-.0133	-.0299	-.0156	-.0031	
-12.0000	.0078								-.0078
-9.0000	.0010								-.0043
-6.0000	-.0118								-.0010
-3.0000	-.0079								.0049
.0000	-.0147								.0068
3.0000	-.0102								-.0028

OA-252 (P45+A) FIXTURE PRESSURES (R3TF61)

MACH (5) = 1.101 RN/L (1) = 4.547

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	-.0250								-.0031
9.0000	.0005								.0068
12.0000	.0040								.0024
14.4750		.0242	.0431		.0427	.0078		-.0232	

MACH (6) = 1.257 RN/L (1) = 4.550 P = 805.58 PT = 2105.5 TTF = 85.248 Q = 890.57

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0050	-.0074	.0047	.0017	-.0037	-.0072	-.0063	
-12.0000	-.0032								-.0010
-9.0000	-.0043								-.0063
-6.0000	-.0105								.0022
-3.0000	-.0280								-.0042
.0000	-.0235								.0114
3.0000	-.0141								-.0071
6.0000	-.0204								-.0127
9.0000	-.0052								-.0093
12.0000	.0018								-.0170
14.4750		.0215	.0069		.0061	-.0189		-.0058	

MACH (7) = 1.408 RN/L (1) = 4.404 P = 651.40 PT = 2097.8 TTF = 90.787 Q = 904.48

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0048	.0109	-.0167	-.0166	-.0072	.0082	-.0213	
-12.0000	-.0044								.0115
-9.0000	.0014								-.0015
-6.0000	-.0121								-.0067
-3.0000	-.0184								-.0061
.0000	-.0298								-.0029
3.0000	-.0254								-.0188
6.0000	-.0276								-.0273
9.0000	-.0180								-.0325
12.0000	-.0129								-.0158
14.4750		-.0050	-.0127		-.0124	-.0320		-.0285	

OA-252 (P45+A+S) FIXTURE PRESSURES (R3TF62) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.001	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = 1.051 RN/L (1) = 2.014 P = 449.82 PT = 904.60 TTF = 66.938 Q = 347.80

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0123	-.0087	-.0054	-.0002	-.0058	-.0078	-.0091	
-12.0000	-.0093								
-9.0000	-.0110								-.0139
-6.0000	-.0122								-.0180
-3.0000	.0138								-.0107
.0000	.0520								.0071
3.0000	.0633								.0553
6.0000	.0479								.0743
9.0000	.1246								.0670
12.0000	.2163								.1375
14.4750		.2711	.2707		.2711	.2642		.2659	.2257

MACH (2) = 1.105 RN/L (1) = 2.002 P = 418.00 PT = 898.23 TTF = 70.082 Q = 357.36

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0076	-.0186	-.0182	-.0202	-.0281	-.0214	-.0135	
-12.0000	-.0009								
-9.0000	-.0104								-.0041
-6.0000	-.0084								-.0088
-3.0000	.0121								-.0021
.0000	.0654								.0097
3.0000	.1056								.0633
6.0000	.1305								.1082
9.0000	.2212								.1424
12.0000	.2997								.2239
14.4750		.3593	.3597		.3561	.3522		.3427	.3094

OA-252 (P45+A+S) FIXTURE PRESSURES (R3TF62)

MACH (3) = 1.249 RN/L (1) = 2.012 P = 347.98 PT = 900.35 TTF = 71.687 Q = 380.07

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0145	-.0171	-.0082	.0018	-.0038	-.0049	-.0094	
-12.0000	-.0052								-.0038
-9.0000	-.0033								.0007
-6.0000	-.0052								-.0079
-3.0000	-.0066								-.0038
.0000	-.0122								-.0019
3.0000	.0101								.0188
6.0000	.1473								.1493
9.0000	.1320								.1686
12.0000	.2662								.2632
14.4750		.3674	.3703		.3726	.3785		.3681	

OA-252 (P45+A+S) FIXTURE PRESSURES (R3TF63) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.001	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .901 RN/L (1) = 4.537 P = 1282.2 PT = 2186.9 TTF = 78.704 Q = 733.59

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0062	.0210	.0108	.0125	.0054	-.0015	-.0011	
-12.0000	.0063								.0066
-9.0000	.0196								.0047
-6.0000	.0408								.0525
-3.0000	.0761								.0759
.0000	.0945								.1199
3.0000	.1622								.1517
6.0000	.1849								.2007
9.0000	.2214								.2282
12.0000	.2589								.2746
14.4750		.2761	.2831		.2829	.2711		.2823	

MACH (2) = 1.048 RN/L (1) = 4.592 P = 1047.5 PT = 2098.9 TTF = 73.883 Q = 805.90

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0044	-.0008	.0024	.0034	-.0083	-.0046	.0022	
-12.0000	.0038								.0065
-9.0000	.0036								.0074
-6.0000	-.0039								.0092
-3.0000	.0318								.0288
.0000	.0693								.0709
3.0000	.0846								.0900
6.0000	.0879								.1116
9.0000	.1846								.1948
12.0000	.2589								.2739
14.4750		.3003	.3038		.3067	.2985		.2982	

OA-252 (P45+A+S) FIXTURE PRESSURES (R3TF63)

MACH (3) = 1.098 RN/L (1) = 4.538 P = 967.55 PT = 2061.7 TTF = 74.684 Q = 817.05

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0031	-.0076	-.0076	-.0038	-.0189	-.0098	-.0017	
-12.0000	-.0004								-.0017
-9.0000	-.0011								-.0004
-6.0000	-.0044								.0058
-3.0000	.0058								.0070
.0000	.0552								.0575
3.0000	.1026								.1058
6.0000	.1073								.1201
9.0000	.2157								.2271
12.0000	.3095								.3163
14.4750		.3505	.3560		.3574	.3489		.3491	

MACH (4) = 1.248 RN/L (1) = 4.505 P = 792.14 PT = 2045.4 TTF = 77.608 Q = 863.08

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0075	-.0178	-.0064	-.0015	-.0054	-.0105	-.0062	
-12.0000	-.0058								-.0062
-9.0000	-.0007								-.0039
-6.0000	-.0058								-.0039
-3.0000	-.0084								-.0039
.0000	-.0187								.0039
3.0000	.0013								.0034
6.0000	.1493								.1481
9.0000	.1235								.1590
12.0000	.2565								.3243
14.4750		.3817	.3796		.3892	.3967		.3882	

MACH (5) = 1.404 RN/L (1) = 4.509 P = 658.47 PT = 2107.0 TTF = 83.236 Q = 908.39

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0016	-.0167	-.0197	-.0078	-.0001	-.0013	-.0080	
-12.0000	-.0090								-.0041
-9.0000	-.0082								-.0050
-6.0000	-.0164								-.0010
-3.0000	-.0073								-.0021
.0000	-.0167								.0092
3.0000	-.0054								-.0035

OA-252 (P45+A+S) FIXTURE PRESSURES (R3TF63)

MACH (5) = 1.404 RN/L (1) = 4.509

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	-.0138								.0027
9.0000	.0782								.2008
12.0000	.1453								.2829
14.4750			.3019	.3035	.2875	.2806		.3272	

OA-252 (P45+A+S) FIXTURE PRESSURES (R3TFB4) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = -.002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.051 RN/L (1) = 5.998 P = 1379.2 PT = 2772.5 TTF = 78.478 Q = 1065.7

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0010	-.0030	-.0058	-.0025	-.0046	-.0004	.0039	
-12.0000	-.0003								
-9.0000	.0055								.0012
-6.0000	-.0043								.0015
-3.0000	.0270								.0065
.0000	.0743								.0274
3.0000	.0988								.0739
6.0000	.1232								.0970
9.0000	.2129								.1420
12.0000	.2881								.2222
14.4750		.3274	.3233		.3246	.3222		.3104	.2888

MACH (2) = 1.101 RN/L (1) = 6.023 P = 1292.2 PT = 2761.9 TTF = 78.617 Q = 1096.1

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y / X	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0049	-.0113	-.0112	-.0094	-.0114	-.0101	-.0065	
-12.0000	.0019								
-9.0000	-.0038								.0026
-6.0000	-.0074								-.0016
-3.0000	-.0021								.0040
.0000	.0456								.0053
3.0000	.0903								.0522
6.0000	.0899								.0924
9.0000	.1910								.0963
12.0000	.2936								.2163
14.4750		.3408	.3495		.3586	.3541		.3519	.2989

OA-252 (P45+A+S) FIXTURE PRESSURES (R3TF64)

MACH (3) = 1.248 RN/L (1) = 5.997 P = 1071.5 PT = 2767.5 TTF = 84.277 Q = 1167.8

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0058	-.0096	-.0022	.0018	-.0058	-.0124	-.0130	
-12.0000	-.0162								
-9.0000	-.0035								-.0057
-6.0000	-.0080								-.0054
-3.0000	-.0156								-.0037
.0000	-.0264								-.0053
3.0000	-.0149								.0020
6.0000	.1407								-.0004
9.0000	.1358								.1473
12.0000	.2719								.1723
14.4750		.3794	.3927		.3963	.3973		.3807	.3226

OA-252 (P45+A+S) FIXTURE PRESSURES (R3TF65) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.412 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.049 RN/L (1) = 2.008 P = 450.53 PT = 903.89 TTF = 67.567 Q = 347.05

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0022	.0014	.0026	.0054	-.0059	-.0035	-.0055	
-12.0000	.0040								-.0014
-9.0000	.0044								-.0014
-6.0000	-.0078								.0010
-3.0000	.0873								.0042
.0000	.0654								.0610
3.0000	.0739								.0768
6.0000	.0125								.0322
9.0000	-.0391								-.0400
12.0000	.0329								.0383
14.4750		.0889	.1182		.1166	.0881		.0386	

MACH (2) = 1.100 RN/L (1) = 1.996 P = 420.12 PT = 896.82 TTF = 70.258 Q = 355.71

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0037	-.0342	-.0231	-.0282	-.0480	-.0223	-.0155	
-12.0000	-.0038								-.0100
-9.0000	-.0089								-.0060
-6.0000	-.0133								.0023
-3.0000	.0117								.0015
.0000	.0137								.0189
3.0000	.0680								.0636
6.0000	.0403								.0521
9.0000	-.0268								-.0290
12.0000	-.0533								-.0349
14.4750		.1648	.1692		.1680	.1553		.0764	

OA-252 (P45+A+S) FIXTURE PRESSURES (R3TF65)

MACH (3) = 1.249 RN/L (1) = 2.008 P = 348.68 PT = 901.77 TTF = 73.151 Q = 380.63

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0036	-.0202	-.0088	.0008	-.0169	-.0121	-.0103	
-12.0000	.0000								-.0032
-9.0000	-.0107								-.0073
-6.0000	-.0145								-.0025
-3.0000	-.0133								-.0058
.0000	-.0193								.0045
3.0000	.0037								.0001
6.0000	.1489								.1299
9.0000	.0634								.0526
12.0000	-.0104								-.0191
14.4750		-.0686	-.0686		-.0700	-.0700		-.1523	

OA-252 (P45+A+S) FIXTURE PRESSURES (R3TF66) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	1.411	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .903 RN/L (1) = 4.523 P = 1288.6 PT = 2186.2 TTF = 78.269 Q = 735.20

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0088	.0044	.0046	.0095	.0030	.0067	.0065	
-12.0000	.0042								
-9.0000	.0069								.0005
-6.0000	-.0065								.0053
-3.0000	.0069								.0072
.0000	.0004								.0134
3.0000	.0110								.0226
6.0000	.0164								.0126
9.0000	.0548								.0245
12.0000	.0927								.0545
14.4750		.1129	.1181		.1243	.1083		.0937	.0794

MACH (2) = 1.047 RN/L (1) = 4.498 P = 1043.9 PT = 2089.3 TTF = 80.146 Q = 801.03

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0080	-.0021	-.0028	.0006	-.0080	-.0137	-.0121	
-12.0000	-.0059								
-9.0000	.0031								-.0029
-6.0000	-.0140								.0020
-3.0000	-.0048								-.0010
.0000	.0473								-.0042
3.0000	.0632								.0483
6.0000	.0072								.0571
9.0000	-.0406								.0226
12.0000	.0346								-.0487
14.4750		.0908	.0910		.1255	.1014		.0494	.0349

OA-252 (P45+A+S) FIXTURE PRESSURES (R3TF68)

MACH (3) = 1.102 RN/L (1) = 4.485 P = 972.50 PT = 2081.5 TTF = 83.583 Q = 826.61

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0160	.0108	.0128	.0011	.0038	-.0112	-.0015	
-12.0000	.0024								-.0037
-9.0000	.0071								-.0006
-6.0000	.0017								.0043
-3.0000	.0979								.0606
.0000	.1727								.1749
3.0000	.1611								.1620
6.0000	.0787								.1002
9.0000	-.0216								-.0214
12.0000	-.0236								.0194
14.4750		.1363	.1370		.1686	.1494		.0943	

MACH (4) = 1.249 RN/L (1) = 4.598 P = 822.55 PT = 2126.8 TTF = 85.213 Q = 897.64

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0021	-.0178	-.0031	-.0029	-.0142	-.0081	-.0045	
-12.0000	-.0021								-.0045
-9.0000	-.0068								-.0035
-6.0000	-.0182								-.0004
-3.0000	-.0186								-.0068
.0000	-.0245								.0065
3.0000	-.0063								-.0020
6.0000	.1670								.1514
9.0000	.1024								.0794
12.0000	.0000								-.0116
14.4750		-.1433	.0020		.0006	-.0185		-.1517	

OA-252 (P45+A+S) FIXTURE PRESSURES (R3TF67) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.412 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.050 RN/L (1) = 5.958 P = 1385.5 PT = 2782.4 TTF = 82.646 Q = 1068.9

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0196	-.0093	-.0080	-.0035	-.0180	-.0297	-.0304	
-12.0000	-.0177								-.0254
-9.0000	-.0165								-.0221
-6.0000	.0316								.0197
-3.0000	.0807								.0480
.0000	.1001								.0924
3.0000	.0980								.0865
6.0000	.0123								.0389
9.0000	-.0564								-.0193
12.0000	.1121								.1118
14.4750		.1671	.1816		.1854	.1689		.1216	

MACH (2) = 1.101 RN/L (1) = 6.002 P = 1354.4 PT = 2894.9 TTF = 99.783 Q = 1148.9

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0138	-.0005	.0156	-.0078	-.0325	-.0227	.0008	
-12.0000	.0080								-.0021
-9.0000	.0055								.0020
-6.0000	-.0057								.0052
-3.0000	.0081								.0051
.0000	.0736								.0507
3.0000	.1235								.1278
6.0000	.0602								.0834
9.0000	-.0298								-.0257
12.0000	-.0406								-.0245
14.4750		.1234	.1405		.1767	.1604		.0614	

OA-252 (P45+A+S) FIXTURE PRESSURES (R3TF67)

MACH (3) = 1.248 RN/L (1) = 5.969 P = 1113.2 PT = 2874.3 TTF = 102.10 Q = 1212.8

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0087	-.0222	-.0119	-.0079	-.0163	-.0182	-.0060	
-12.0000	.0051								-.0025
-9.0000	-.0084								-.0036
-6.0000	-.0077								.0019
-3.0000	-.0189								-.0075
.0000	-.0274								.0092
3.0000	-.0097								-.0020
6.0000	.1591								.1461
9.0000	.0786								.0670
12.0000	-.0012								-.0134
14.4750		-.1271	-.0527		-.0510	-.0669		-.1527	

OA-252 (P45+S) FIXTURE PRESSURES (R3TF68) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.047 RN/L (1) = 2.004 P = 452.65 PT = 906.01 TTF = 69.209 Q = 347.39

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0056	-.0108	-.0056	-.0092	-.0137	-.0084	-.0035	
-12.0000	.0005								-.0064
-9.0000	-.0011								-.0035
-6.0000	-.0050								.0005
-3.0000	.0240								.0224
.0000	.0610								.0625
3.0000	.0780								.0937
6.0000	.1170								.1342
9.0000	.1998								.2192
12.0000	.2785								.2853
14.4750		.3126	.3122		.3138	.3134		.3114	

MACH (2) = 1.101 RN/L (1) = 1.989 P = 417.29 PT = 892.57 TTF = 69.907 Q = 354.35

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0001	-.0074	-.0146	-.0158	-.0181	-.0166	-.0026	
-12.0000	-.0010								-.0054
-9.0000	-.0054								-.0062
-6.0000	-.0014								-.0026
-3.0000	.0114								.0041
.0000	.0536								.0478
3.0000	.0919								.0904
6.0000	.0939								.1142
9.0000	.1816								.2048
12.0000	.2816								.2855
14.4750		.3334	.3318		.3378	.3366		.3255	

OA-252 (P45+S) FIXTURE PRESSURES (R3TF68)

MACH (3) = 1.253 RN/L (1) = 2.028 P = 346.56 PT = 901.06 TTF = 68.860 Q = 380.73

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0024	-.0032	.0005	.0013	.0039	-.0002	-.0050	
-12.0000	-.0050								-.0013
-9.0000	-.0050								-.0013
-6.0000	-.0024								.0002
-3.0000	-.0057								.0016
.0000	-.0083								.0090
3.0000	.0110								.0250
6.0000	.1441								.1479
9.0000	.0939								.0979
12.0000	.0433								.0557
14.4750		.2489	.2500		.2678	.2511		.2069	

OA-252 (P45+S) FIXTURE PRESSURES (R3TF69) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .002 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .901 RN/L (1) = 4.500 P = 1274.5 PT = 2157.2 TTF = 74.475 Q = 723.70

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0117	.0145	.0117	.0133	.0046	.0081	.0075	
-12.0000	.0135								.0094
-9.0000	.0330								.0127
-6.0000	.0556								.0448
-3.0000	.0859								.0642
.0000	.1055								.1195
3.0000	.1481								.1651
6.0000	.1843								.1892
9.0000	.2208								.2300
12.0000	.2616								.2683
14.4750		.2760	.2754		.2762	.2664		.2787	

MACH (2) = 1.050 RN/L (1) = 4.522 P = 1034.7 PT = 2078.7 TTF = 76.216 Q = 798.72

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0038	-.0036	-.0078	-.0047	-.0071	-.0047	.0024	
-12.0000	-.0006								.0038
-9.0000	.0005								.0010
-6.0000	.0003								.0025
-3.0000	.0327								.0214
.0000	.0631								.0703
3.0000	.0778								.0925
6.0000	.0713								.1021
9.0000	.1828								.1864
12.0000	.2564								.2598
14.4750		.2907	.2937		.2942	.2960		.2879	

OA-252 (P45+S) FIXTURE PRESSURES (R3TF69)

MACH (3) = 1.100 RN/L (1) = 4.505 P = 966.13 PT = 2083.1 TTF = 78.026 Q = 818.43

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0077	-.0118	-.0153	-.0129	-.0158	-.0129	-.0005	
-12.0000	.0018								-.0005
-9.0000	-.0044								-.0008
-6.0000	-.0086								-.0008
-3.0000	.0069								.0105
.0000	.0526								.0629
3.0000	.0932								.0956
6.0000	.0899								.1143
9.0000	.2081								.2073
12.0000	.2987								.3037
14.4750		.3465	.3458		.3510	.3469		.3478	

MACH (4) = 1.252 RN/L (1) = 4.463 P = 782.95 PT = 2033.4 TTF = 78.999 Q = 859.00

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0034	-.0086	.0012	.0071	-.0004	-.0063	-.0089	
-12.0000	-.0103								-.0034
-9.0000	-.0010								.0024
-6.0000	-.0056								-.0004
-3.0000	-.0121								-.0034
.0000	-.0191								.0056
3.0000	-.0033								.0107
6.0000	.1369								.1524
9.0000	.1208								.1290
12.0000	.2400								.2734
14.4750		.3971	.3686		.3864	.3839		.3622	

MACH (5) = 1.403 RN/L (1) = 4.498 P = 662.71 PT = 2116.9 TTF = 88.287 Q = 912.65

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0078	-.0004	-.0098	-.0029	.0070	.0107	.0030	
-12.0000	.0006								-.0043
-9.0000	-.0054								-.0050
-6.0000	-.0128								-.0007
-3.0000	-.0060								-.0020
.0000	-.0136								.0073
3.0000	-.0043								-.0030

OA-252 (P45+S) FIXTURE PRESSURES (R3TF69)

MACH (5) = 1.403 RN/L (1) = 4.498

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	-.0114								.0085
9.0000	.0700								.1298
12.0000	.1420								.2339
14.4750		.2986	.3122		.3212	.2906		.2711	

OA-252 (P45+S) FIXTURE PRESSURES (R3TF70) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.001	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = 1.051 RN/L (1) = 6.031 P = 1396.9 PT = 2808.6 TTF = 81.605 Q = 1079.7

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0035	-.0032	-.0060	-.0030	-.0047	-.0026	.0063	
-12.0000	.0016								
-9.0000	.0004								-.0002
-6.0000	-.0042								-.0019
-3.0000	.0376								.0003
.0000	.0631								.0165
3.0000	.0829								.0725
6.0000	.1062								.0967
9.0000	.2106								.1293
12.0000	.2813								.2192
14.4750		.3212	.3178		.3184	.3166		.3141	.2882

MACH (2) = 1.100 RN/L (1) = 6.012 P = 1299.3 PT = 2774.6 TTF = 81.258 Q = 1100.7

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0013	-.0122	-.0154	-.0254	-.0213	-.0121	-.0025	
-12.0000	-.0048								
-9.0000	-.0017								-.0036
-6.0000	-.0071								.0004
-3.0000	-.0003								.0053
.0000	.0558								.0081
3.0000	.0922								.0615
6.0000	.0854								.0964
9.0000	.1935								.1065
12.0000	.3019								.2073
14.4750		.3490	.3497		.3485	.3508		.3389	.2983

OA-252 (P45+S) FIXTURE PRESSURES (R3TF70)

MACH (3) = 1.248 RN/L (1) = 5.972 P = 1060.9 PT = 2740.7 TTF = 81.987 Q = 1156.6

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0063	-.0151	-.0158	-.0114	-.0157	-.0146	-.0012	
-12.0000	-.0022								
-9.0000	.0011								-.0039
-6.0000	-.0074								-.0012
-3.0000	-.0124								-.0018
.0000	-.0198								-.0049
3.0000	-.0036								.0073
6.0000	.1365								.0215
9.0000	.1100								.1499
12.0000	.2246								.1511
14.4750		.3699	.3735		.3824	.3872		.3796	.2821

OA-252 (P45+S) FIXTURE PRESSURES (R3TF71) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.052 RN/L (1) = 6.049 P = 1398.3 PT = 2814.2 TTF = 81.223 Q = 1082.5

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0048	-.0009	-.0037	-.0002	-.0027	.0004	.0067	
-12.0000	-.0012								-.0026
-9.0000	.0025								.0004
-6.0000	.0000								.0061
-3.0000	.0259								.0185
.0000	.0667								.0706
3.0000	.0868								.0971
6.0000	.1097								.1366
9.0000	.2098								.2226
12.0000	.2897								.2899
14.4750		.3165	.3163		.3180	.3133		.3112	

MACH (2) = 1.251 RN/L (1) = 6.027 P = 1071.5 PT = 2778.9 TTF = 83.861 Q = 1173.6

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0078	-.0132	-.0017	-.0004	-.0018	-.0072	-.0137	
-12.0000	-.0177								-.0059
-9.0000	.0011								-.0070
-6.0000	-.0050								-.0018
-3.0000	-.0190								-.0078
.0000	-.0241								.0027
3.0000	-.0081								.0048
6.0000	.1500								.1749
9.0000	.1602								.2227
12.0000	.3237								.3151
14.4750		.4059	.4086		.4066	.4152		.4158	

OA-252 (P45+S) FIXTURE PRESSURES (R3TF72) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .003 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.049 RN/L (1) = 6.043 P = 1401.8 PT = 2811.4 TTF = 81.014 Q = 1079.2

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0000	-.0062	-.0083	-.0014	-.0079	-.0039	-.0003	
-12.0000	-.0082								
-9.0000	-.0002								-.0044
-6.0000	-.0062								-.0023
-3.0000	.0303								-.0020
.0000	.0631								.0222
3.0000	.0874								.0669
6.0000	.1118								.0943
9.0000	.2072								.1408
12.0000	.2820								.2128
14.4750		.3234	.3237		.3131	.3170		.3137	.2865

OA-252 (P45+S) FIXTURE PRESSURES (R3TF73) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.415 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.048 RN/L (1) = 2.011 P = 451.24 PT = 904.60 TTF = 67.218 Q = 347.17

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0036	.0032	.0040	.0089	-.0070	-.0102	-.0078
-12.0000		.0036							
-9.0000		.0065							-.0013
-6.0000		-.0086							-.0013
-3.0000		.0280							.0011
.0000		.0757							.0109
3.0000		.0724							.0726
6.0000		.0122							.0811
9.0000		-.0412							.0304
12.0000		.0297							-.0411
14.4750			.0802	.0797		.1103	.0875	.0398	.0389

MACH (2) = 1.100 RN/L (1) = 2.000 P = 422.24 PT = 901.06 TTF = 71.443 Q = 357.34

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0286	.0160	.0160	-.0108	-.0097	-.0018	.0120
-12.0000		-.0024							
-9.0000		-.0048							-.0112
-6.0000		-.0167							-.0148
-3.0000		.0166							-.0195
.0000		.0577							-.0030
3.0000		.0961							.0491
6.0000		.0490							.0948
9.0000		-.0333							.0640
12.0000		-.0550							-.0061
14.4750			.1439	.1439		.1752	.1593	.0814	.0585

OA-252 (P45+S) FIXTURE PRESSURES (R3TF73)

MACH (3) = 1.250 RN/L (1) = 2.014 P = 349.39 PT = 905.31 TTF = 73.604 Q = 382.27

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0036	-.0082	-.0089	-.0052	-.0089	-.0045	-.0107	
-12.0000	.0001								
-9.0000	-.0073								-.0015
-6.0000	-.0087								-.0071
-3.0000	-.0139								-.0015
.0000	-.0195								-.0093
3.0000	.0001								.0029
6.0000	.1666								.0018
9.0000	.0889								.1524
12.0000	-.0043								.0854
14.4750		-.0424	-.0424		-.0272	-.0291		-.1478	-.0096

OA-252 (P45+S) FIXTURE PRESSURES (R3TF74) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	1.415	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.000		

MACH (1) = 1.099 RN/L (1) = 1.997 P = 422.24 PT = 900.35 TTF = 71.547 Q = 356.93

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0081	-.0112	-.0124	-.0254	-.0254	-.0132	-.0128	
-12.0000	-.0107								-.0081
-9.0000	-.0040								-.0081
-6.0000	-.0052								.0033
-3.0000	.0000								.0057
.0000	.0439								.0365
3.0000	.0930								.0933
6.0000	.0526								.0649
9.0000	-.0250								-.0247
12.0000	-.0341								-.0199
14.4750		.1290	.1290		.1655	.1449		.0542	

OA-252 (P45+S) FIXTURE PRESSURES (R3TF75) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.383 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = .900 RN/L (1) = 4.525 P = 1281.6 PT = 2167.1 TTF = 73.953 Q = 726.29

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0103	.0037	.0041	.0121	.0055	-.0001	.0115	
-12.0000	.0067								.0039
-9.0000	-.0016								.0003
-6.0000	-.0038								.0082
-3.0000	.0065								.0096
.0000	-.0040								.0233
3.0000	.0058								.0105
6.0000	.0184								.0268
9.0000	.0528								.0511
12.0000	.0902								.0840
14.4750		.1174	.1201		.1221	.1106		.0920	

MACH (2) = 1.050 RN/L (1) = 4.492 P = 1035.4 PT = 2078.7 TTF = 78.825 Q = 798.40

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0091	-.0076	-.0079	-.0039	-.0102	-.0092	-.0107	
-12.0000	-.0055								-.0051
-9.0000	.0003								.0014
-6.0000	-.0142								-.0012
-3.0000	-.0025								-.0021
.0000	.0370								.0434
3.0000	.0465								.0422
6.0000	.0003								.0118
9.0000	-.0386								-.0438
12.0000	.0421								.0422
14.4750		.1172	.1180		.1511	.1264		.0752	

OA-252 (P45+S) FIXTURE PRESSURES (R3TF75)

MACH (3) = 1.101 RN/L (1) = 4.534 P = 973.20 PT = 2081.5 TTF = 79.103 Q = 826.33

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			-.0103	-.0283	-.0241	-.0294	-.0404	-.0307	-.0088
-12.0000	-.0001								-.0125
-9.0000	-.0104								-.0074
-6.0000	-.0176								.0006
-3.0000	-.0017								-.0020
.0000	.0127								.0226
3.0000	.0701								.0634
6.0000	.0383								.0491
9.0000	-.0294								-.0326
12.0000	-.0667								-.0571
14.4750			.1028	.1649		.1920	.1760		.0794

MACH (4) = 1.248 RN/L (1) = 4.453 P = 799.92 PT = 2065.2 TTF = 86.322 Q = 871.41

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0126	-.0036	.0045	.0010	-.0006	-.0068	-.0040
-12.0000	-.0006								-.0068
-9.0000	-.0052								-.0039
-6.0000	-.0079								.0045
-3.0000	-.0162								-.0052
.0000	-.0188								.0068
3.0000	.0035								-.0006
6.0000	.1762								.1467
9.0000	.1112								.0850
12.0000	.0000								-.0149
14.4750			-.0601	.0221		.0673	.0376		-.1436

MACH (5) = 1.399 RN/L (1) = 4.465 P = 668.37 PT = 2124.6 TTF = 90.994 Q = 915.94

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			-.0063	.0127	-.0129	-.0172	-.0033	.0059	.0121
-12.0000	.0072								.0038
-9.0000	-.0015								-.0063
-6.0000	-.0155								-.0056
-3.0000	-.0156								-.0056
.0000	-.0193								.0001
3.0000	-.0067								-.0152

OA-252 (P45+S) FIXTURE PRESSURES (R3TF75)

MACH (5) = 1.399 RN/L (1) = 4.465

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	-.0048								-.0053
9.0000	.0435								.0794
12.0000	.0995								.0713
14.4750		-.0383	-.0780		-.1520	-.1129		-.0489	

OA-252 (P45+S) FIXTURE PRESSURES (R3TF76) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = 1.414 PANEL = 45.000
GAP = .030 STEP-F = .000
STEP-A = .000

MACH (1) = 1.050 RN/L (1) = 5.977 P = 1398.3 PT = 2809.3 TTF = 85.352 Q = 1079.5

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0087	-.0034	.0002	.0030	-.0056	-.0051	-.0146	
-12.0000	-.0063								
-9.0000	.0031								-.0051
-6.0000	-.0112								.0044
-3.0000	-.0023								.0018
.0000	.0396								.0013
3.0000	.0538								.0459
6.0000	.0048								.0508
9.0000	-.0447								.0204
12.0000	.0373								-.0467
14.4750		.1108	.1108		.1401	.1137		.0608	.0364

MACH (2) = 1.101 RN/L (1) = 5.967 P = 1311.3 PT = 2802.9 TTF = 88.573 Q = 1112.4

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0075	-.0293	-.0242	-.0213	-.0254	-.0253	-.0010	
-12.0000	.0033								-.0104
-9.0000	-.0099								.0010
-6.0000	-.0147								.0045
-3.0000	-.0040								.0010
.0000	.0355								.0273
3.0000	.0880								.0798
6.0000	.0531								.0852
9.0000	-.0269								-.0259
12.0000	-.0622								-.0483
14.4750		.1555	.1689		.1881	.1720		.0713	

OA-252 (P45+S) FIXTURE PRESSURES (R3TF76)

MACH (3) = 1.253 RN/L (1) = 5.943 P = 1070.1 PT = 2781.7 TTF = 90.061 Q = 1175.3

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0131	-.0215	.0001	-.0013	-.0171	-.0198	-.0088	
-12.0000	.0016								-.0136
-9.0000	-.0062								-.0120
-6.0000	-.0137								-.0083
-3.0000	-.0243								-.0031
.0000	-.0270								.0091
3.0000	-.0030								-.0069
6.0000	.1658								.1422
9.0000	.0898								.0624
12.0000	.0000								-.0165
14.4750		-.0884	-.0440		-.0138	-.0413		-.1535	

OA-252 (P45) FIXTURE PRESSURES (R3TF77) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .030 STEP-F = -.020
STEP-A = -.020

MACH (1) = .602 RN/L (1) = 4.465 P = 2097.8 PT = 2679.1 TTF = 73.883 Q = 531.48

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0068	-.0006	.0012	.0098	.0007	-.0020	.0130	
-12.0000	.0100								.0087
-9.0000	.0052								.0050
-6.0000	-.0033								.0031
-3.0000	-.0001								.0063
.0000	-.0105								.0140
3.0000	.0010								.0015
6.0000	-.0033								.0060
9.0000	.0146								.0127
12.0000	.0199								.0156
14.4750		.0199	.0244		.0252	.0159		-.0057	

MACH (2) = .801 RN/L (1) = 4.515 P = 1481.7 PT = 2260.4 TTF = 70.815 Q = 665.09

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0173	.0122	.0098	.0160	.0162	.0171	.0184	
-12.0000	.0296								.0165
-9.0000	.0582								.0410
-6.0000	.0691								.0705
-3.0000	.0946								.0980
.0000	.1219								.1495
3.0000	.1675								.1875
6.0000	.2044								.2287
9.0000	.2376								.2511
12.0000	.2922								.2862
14.4750		.2981	.3024		.2943	.2832		.2815	

OA-252 (P45) FIXTURE PRESSURES (R3TF77)

MACH (3) = .901 RN/L (1) = 4.512 P = 1266.7 PT = 2144.4 TTF = 71.024 Q = 719.58

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0009	.0039	.0074	.0149	.0088	-.0040	-.0021	
-12.0000	-.0002								-.0036
-9.0000	.0100								.0139
-6.0000	.0342								.0368
-3.0000	.0708								.0749
.0000	.1126								.1137
3.0000	.1396								.1602
6.0000	.1835								.1991
9.0000	.2390								.2583
12.0000	.2971								.2904
14.4750		.3140	.3026		.3022	.2986		.3014	

MACH (4) = 1.051 RN/L (1) = 4.516 P = 1017.8 PT = 2047.5 TTF = 70.675 Q = 787.43

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0005	-.0136	-.0136	-.0116	-.0124	-.0109	-.0008	
-12.0000	-.0022								-.0030
-9.0000	.0021								.0042
-6.0000	-.0159								.0073
-3.0000	-.0080								.0028
.0000	-.0018								.0280
3.0000	.0902								.0867
6.0000	.1627								.1663
9.0000	.2404								.2484
12.0000	.3166								.3176
14.4750		.3494	.3493		.3597	.3412		.3512	

MACH (5) = 1.098 RN/L (1) = 4.485 P = 953.40 PT = 2030.6 TTF = 73.291 Q = 804.53

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0063	-.0081	-.0138	-.0046	-.0132	-.0129	-.0009	
-12.0000	.0031								-.0028
-9.0000	-.0025								-.0049
-6.0000	-.0103								.0009
-3.0000	-.0057								.0009
.0000	-.0134								.0092
3.0000	.0315								.0314

OA-252 (P45) FIXTURE PRESSURES (R3TF77)

MACH (5) = 1.098 RN/L (1) = 4.485

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.1126								.1442
9.0000	.2232								.2413
12.0000	.3184								.3176
14.4750		.3549	.3536		.3528	.3519		.3531	

MACH (6) = 1.250 RN/L (1) = 4.518 P = 785.78 PT = 2034.8 TTF = 74.301 Q = 859.10

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0030	-.0127	-.0059	.0007	-.0068	-.0124	-.0094	
-12.0000	-.0044								-.0031
-9.0000	-.0025								-.0043
-6.0000	-.0053								-.0023
-3.0000	-.0109								-.0039
.0000	-.0166								.0038
3.0000	-.0053								.0040
6.0000	-.0051								.0329
9.0000	.1319								.1980
12.0000	.2902								.3143
14.4750		.3847	.4010		.4076	.3932		.3955	

MACH (7) = 1.402 RN/L (1) = 4.493 P = 644.32 PT = 2055.3 TTF = 74.858 Q = 886.10

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0014	-.0108	-.0079	-.0072	.0032	.0099	.0080	
-12.0000	.0008								-.0044
-9.0000	-.0025								-.0036
-6.0000	-.0174								-.0060
-3.0000	-.0089								-.0064
.0000	-.0138								.0046
3.0000	-.0087								-.0063
6.0000	-.0185								.0003
9.0000	-.0089								.0729
12.0000	.1264								.2304
14.4750		.3177	.3056		.3289	.3127		.3177	

OA-252 (P45) FIXTURE PRESSURES (R3TF78) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .000 PANEL = 45.000
GAP = .030 STEP-F = .020
STEP-A = .020

MACH (1) = .598 RN/L (1) = 4.462 P = 2093.5 PT = 2667.1 TTF = 70.745 Q = 524.86

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0073	.0003	.0092	.0046	.0030	.0019	.0052	
-12.0000	.0039								.0006
-9.0000	.0039								.0062
-6.0000	-.0009								.0084
-3.0000	-.0098								.0073
.0000	-.0031								.0138
3.0000	.0007								.0052
6.0000	-.0023								.0071
9.0000	.0037								.0095
12.0000	.0193								.0249
14.4750		.0247	.0242		.0258	.0101		.0168	

MACH (2) = .800 RN/L (1) = 4.479 P = 1468.3 PT = 2238.5 TTF = 69.977 Q = 658.00

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0212	.0240	.0227	.0210	.0109	.0105	.0109	
-12.0000	.0245								.0154
-9.0000	.0498								.0395
-6.0000	.0599								.0682
-3.0000	.1052								.0989
.0000	.1271								.1474
3.0000	.1688								.1813
6.0000	.2001								.2229
9.0000	.2392								.2562
12.0000	.2801								.2858
14.4750		.2910	.2906		.2979	.2805		.2811	

OA-252 (P45) FIXTURE PRESSURES (R3TF78)

MACH (3) = .900 RN/L (1) = 4.503 P = 1261.8 PT = 2134.5 TTF = 69.838 Q = 715.73

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0048	.0054	.0091	.0196	.0091	.0066	-.0001	
-12.0000	.0068								.0079
-9.0000	.0218								.0107
-6.0000	.0363								.0306
-3.0000	.0811								.0685
.0000	.1052								.1272
3.0000	.1528								.1576
6.0000	.1893								.2195
9.0000	.2454								.2552
12.0000	.2887								.2949
14.4750		.3049	.3130		.3173	.2986		.2986	

MACH (4) = 1.048 RN/L (1) = 4.508 P = 1018.5 PT = 2039.8 TTF = 69.558 Q = 782.38

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0028	-.0134	-.0111	-.0078	-.0174	-.0105	-.0087	
-12.0000	-.0080								-.0028
-9.0000	-.0037								-.0026
-6.0000	-.0133								-.0057
-3.0000	-.0030								.0055
.0000	.0044								.0232
3.0000	.0814								.0831
6.0000	.1597								.1741
9.0000	.2377								.2503
12.0000	.3163								.3107
14.4750		.3440	.3445		.3450	.3382		.3373	

MACH (5) = 1.099 RN/L (1) = 4.552 P = 958.35 PT = 2043.3 TTF = 69.838 Q = 809.98

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0037	-.0197	-.0150	-.0168	-.0163	-.0213	-.0051	
-12.0000	-.0002								-.0063
-9.0000	-.0089								-.0070
-6.0000	-.0019								.0047
-3.0000	-.0052								-.0004
.0000	-.0133								.0064
3.0000	.0392								.0350

OA-252 (P45) FIXTURE PRESSURES (R3TF78)

MACH (5) = 1.099 RN/L (1) = 4.552

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.1486								.1572
9.0000	.2480								.2582
12.0000	.3234								.3310
14.4750		.3695	.3699		.3702	.3704		.3723	

MACH (6) = 1.251 RN/L (1) = 4.530 P = 785.07 PT = 2035.5 TTF = 73.430 Q = 859.61

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0028	-.0102	-.0034	.0010	-.0086	-.0114	-.0086	
-12.0000	-.0092								-.0015
-9.0000	.0008								-.0030
-6.0000	-.0100								.0000
-3.0000	-.0099								-.0028
.0000	-.0156								.0040
3.0000	-.0094								-.0038
6.0000	.0168								.0746
9.0000	.2080								.2482
12.0000	.3360								.3208
14.4750		.4042	.4042		.4183	.4094		.4206	

MACH (7) = 1.404 RN/L (1) = 4.568 P = 652.10 PT = 2087.9 TTF = 74.336 Q = 900.17

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0011	-.0132	-.0234	-.0175	-.0072	-.0107	-.0143	
-12.0000	-.0143								-.0071
-9.0000	-.0046								-.0060
-6.0000	-.0222								-.0142
-3.0000	-.0153								-.0068
.0000	-.0266								-.0009
3.0000	-.0143								.0096
6.0000	-.0018								.0976
9.0000	.1879								.2379
12.0000	.3058								.3329
14.4750		.4148	.4172		.4138	.4297		.4065	

OA-252 (P45) FIXTURE PRESSURES (R3TF79) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.001	PANEL =	45.000
GAP =	.030	STEP-F =	.000
STEP-A =	.160		

MACH (1) = .600 RN/L (1) = 4.456 P = 2103.4 PT = 2682.0 TTF = 74.127 Q = 529.23

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0056	.0032	-.0109	.0029	-.0128	.0968	-.0045	
-12.0000	-.0062								.0024
-9.0000	.0016								.0029
-6.0000	-.0153								-.0061
-3.0000	-.0052								-.0032
.0000	-.0246								-.0037
3.0000	-.0019								-.0035
6.0000	-.0115								-.0027
9.0000	.0024								-.0019
12.0000	.0045								.0035
14.4750		.0165	.0219		.0160	.0088		-.0035	

MACH (2) = .800 RN/L (1) = 4.494 P = 1475.4 PT = 2249.8 TTF = 70.745 Q = 661.56

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0257	.0191	.0264	.0296	.0304	.1188	.0139	
-12.0000	.0328								.0199
-9.0000	.0585								.0411
-6.0000	.0892								.0799
-3.0000	.0977								.1111
.0000	.1258								.1509
3.0000	.1631								.1907
6.0000	.1898								.2239
9.0000	.2367								.2536
12.0000	.2789								.2844
14.4750		.2884	.2881		.2869	.2860		.2875	

OA-252 (P45) FIXTURE PRESSURES (R3TF79)

MACH (3) = .901 RN/L (1) = 4.493 P = 1258.9 PT = 2132.4 TTF = 70.466 Q = 715.96

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0199	.0066	.0068	.0110	.0031	.1026	-.0062	
-12.0000	-.0013								.0102
-9.0000	.0226								.0159
-6.0000	.0496								.0426
-3.0000	.0654								.0688
.0000	.0935								.1079
3.0000	.1429								.1571
6.0000	.1887								.2179
9.0000	.2450								.2535
12.0000	.2793								.2880
14.4750		.3064	.2985		.2981	.2938		.3001	

MACH (4) = 1.052 RN/L (1) = 4.473 P = 1013.5 PT = 2039.8 TTF = 73.047 Q = 784.60

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		.0018	-.0005	-.0106	-.0047	-.0030	.0881	.0033	
-12.0000	.0000								-.0007
-9.0000	.0049								.0007
-6.0000	.0056								.0080
-3.0000	-.0016								.0119
.0000	.0237								.0417
3.0000	.0726								.0607
6.0000	.1292								.1523
9.0000	.2315								.2321
12.0000	.2990								.2983
14.4750		.3286	.3275		.3277	.3272		.3246	

MACH (5) = 1.098 RN/L (1) = 4.513 P = 958.35 PT = 2041.9 TTF = 72.977 Q = 809.16

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

X \ Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
-14.4750		-.0108	-.0176	-.0125	-.0174	-.0286	.0861	-.0013	
-12.0000	.0020								-.0006
-9.0000	-.0004								-.0076
-6.0000	-.0122								.0001
-3.0000	-.0018								.0046
.0000	.0053								.0162
3.0000	.0354								.0487

OA-252 (P45) FIXTURE PRESSURES (R3TF79)

MACH (5) = 1.098 RN/L (1) = 4.513

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.1176								.1449
9.0000	.2357								.2369
12.0000	.3162								.3225
14.4750			.3662	.3588		.3581	.3553	.3464	

MACH (6) = 1.250 RN/L (1) = 4.532 P = 786.48 PT = 2038.4 TTF = 73.744 Q = 860.74

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			-.0033	-.0109	.0021	.0046	-.0046	.0973	-.0072
-12.0000	-.0018								-.0020
-9.0000	.0005								.0020
-6.0000	-.0059								-.0010
-3.0000	-.0090								-.0020
.0000	-.0161								.0072
3.0000	.0052								.0145
6.0000	-.0034								.0287
9.0000	.1069								.1821
12.0000	.3048								.3004
14.4750			.3871	.3869		.3938	.3947	.3742	

MACH (7) = 1.399 RN/L (1) = 4.504 P = 646.44 PT = 2054.6 TTF = 73.918 Q = 885.75

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750			.0124	.0041	-.0040	-.0067	.0001	.1256	.0212
-12.0000	.0107								.0038
-9.0000	.0104								.0008
-6.0000	-.0137								-.0034
-3.0000	-.0110								-.0026
.0000	-.0167								.0068
3.0000	.0010								.0083
6.0000	-.0009								.0180
9.0000	-.0127								-.0075
12.0000	-.0023								-.0082
14.4750			.1423	.1257		.1057	.1027	.0759	

OA-252 (P45) FIXTURE PRESSURES (R3TF80) (11 APR 80)

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 =	.6670				

PARAMETRIC DATA

HWALL =	.001	PANEL =	45.000
GAP =	.017	STEP-F =	.000
STEP-A =	.000		

MACH (1) = .600 RN/L (1) = 4.456 P = 2101.3 PT = 2680.6 TTF = 74.162 Q = 529.78

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0010	-.0007	-.0082	.0073	-.0026	-.0068	.0001	
-12.0000	.0007								-.0066
-9.0000	-.0011								.0011
-6.0000	-.0094								-.0002
-3.0000	-.0038								.0049
.0000	-.0230								.0017
3.0000	-.0046								-.0026
6.0000	-.0094								.0022
9.0000	-.0035								.0097
12.0000	.0127								.0057
14.4750		.0042	.0196		.0199	.0074		-.0030	

MACH (2) = .800 RN/L (1) = 4.493 P = 1476.1 PT = 2250.5 TTF = 70.919 Q = 661.61

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0251	.0300	.0225	.0261	.0189	.0251	.0142	
-12.0000	.0331								.0214
-9.0000	.0658								.0325
-6.0000	.0747								.0718
-3.0000	.1074								.0944
.0000	.1266								.1521
3.0000	.1709								.1820
6.0000	.2093								.2243
9.0000	.2495								.2648
12.0000	.2804								.2909
14.4750		.2956	.2933		.2930	.2798		.2943	

OA-252 (P45) FIXTURE PRESSURES (R3TF80)

MACH (3) = .899 RN/L (1) = 4.475 P = 1263.9 PT = 2134.5 TTF = 72.105 Q = 714.46

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0001	.0058	.0052	.0090	-.0031	.0023	.0034	
-12.0000	.0087								-.0031
-9.0000	.0221								.0214
-6.0000	.0365								.0299
-3.0000	.0703								.0642
.0000	.0973								.1182
3.0000	.1488								.1600
6.0000	.1831								.2147
9.0000	.2451								.2443
12.0000	.2857								.2971
14.4750		.3120	.2966		.2976	.2912		.2952	

MACH (4) = 1.049 RN/L (1) = 4.463 P = 1017.1 PT = 2039.8 TTF = 73.744 Q = 783.02

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0030	-.0097	-.0081	-.0124	-.0083	-.0055	.0016	
-12.0000	.0082								-.0028
-9.0000	.0061								-.0007
-6.0000	.0015								.0025
-3.0000	-.0017								.0053
.0000	.0239								.0449
3.0000	.1169								.1026
6.0000	.1798								.1959
9.0000	.2450								.2596
12.0000	.3138								.3218
14.4750		.3539	.3574		.3530	.3440		.3398	

MACH (5) = 1.098 RN/L (1) = 4.504 P = 959.06 PT = 2042.6 TTF = 73.953 Q = 809.29

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0026	-.0194	-.0043	-.0038	-.0153	-.0115	.0028	
-12.0000	.0039								-.0038
-9.0000	-.0002								.0002
-6.0000	-.0049								.0025
-3.0000	.0000								.0011
.0000	-.0124								.0121
3.0000	.0218								.0393

OA-252 (P45) FIXTURE PRESSURES (R3TF80)

MACH (5) = 1.098 RN/L (1) = 4.504

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.1112								.1406
9.0000	.2347								.2371
12.0000	.3192								.3261
14.4750		.3574	.3586		.3591	.3590		.3597	

MACH (6) = 1.249 RN/L (1) = 4.524 P = 787.19 PT = 2037.6 TTF = 74.406 Q = 860.22

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0094	-.0104	.0040	.0060	-.0012	-.0091	-.0091	
-12.0000	-.0057								-.0045
-9.0000	-.0044								.0004
-6.0000	-.0075								-.0012
-3.0000	-.0146								-.0030
.0000	-.0192								.0019
3.0000	-.0080								-.0047
6.0000	-.0057								.0323
9.0000	.1434								.1965
12.0000	.2975								.2813
14.4750		.3872	.3914		.3908	.4077		.3842	

MACH (7) = 1.404 RN/L (1) = 4.511 P = 645.74 PT = 2065.2 TTF = 75.102 Q = 890.40

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0033	-.0067	-.0137	-.0159	-.0031	-.0044	.0037	
-12.0000	-.0010								-.0056
-9.0000	-.0005								-.0029
-6.0000	-.0164								-.0002
-3.0000	-.0105								-.0039
.0000	-.0153								.0036
3.0000	-.0029								-.0091
6.0000	-.0088								.0049
9.0000	-.0086								.0131
12.0000	.0488								.2040
14.4750		.2822	.3032		.2921	.3092		.2927	

OA-252 (P45) FIXTURE PRESSURES (R3TF81) (11 APR 80)

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 = .6670

PARAMETRIC DATA

HWALL = .001 PANEL = 45.000
GAP = .067 STEP-F = .000
STEP-A = .000

MACH (1) = .602 RN/L (1) = 4.469 P = 2127.5 PT = 2718.7 TTF = 79.972 Q = 540.42

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0050	.0016	.0050	.0092	.0003	.0029	.0045	
-12.0000	.0040								.0024
-9.0000	.0069								.0024
-6.0000	.0011								-.0034
-3.0000	-.0002								.0090
.0000	-.0102								.0108
3.0000	.0000								.0014
6.0000	.0032								.0155
9.0000	.0111								.0113
12.0000	.0145								.0145
14.4750		.0153	.0352		.0284	.0142		-.0131	

MACH (2) = .802 RN/L (1) = 4.511 P = 1488.1 PT = 2272.5 TTF = 73.674 Q = 669.65

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0046	.0054	.0042	.0126	.0090	.0012	.0029	
-12.0000	.0111								.0071
-9.0000	.0240								.0105
-6.0000	.0402								.0353
-3.0000	.0544								.0582
.0000	.0730								.0954
3.0000	.1049								.1229
6.0000	.1403								.1617
9.0000	.1804								.1921
12.0000	.2241								.2175
14.4750		.2258	.2258		.2282	.2201		.2260	

OA-252 (P45) FIXTURE PRESSURES (R3TF81)

MACH (3) = .898 RN/L (1) = 4.503 P = 1271.0 PT = 2145.1 TTF = 71.408 Q = 717.54

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0003	.0005	-.0054	.0059	-.0062	-.0138	-.0058	
-12.0000	-.0029								-.0007
-9.0000	-.0019								.0081
-6.0000	.0095								.0100
-3.0000	.0404								.0283
.0000	.0499								.0667
3.0000	.0953								.1066
6.0000	.1249								.1488
9.0000	.1848								.1916
12.0000	.2324								.2297
14.4750		.2435	.2435		.2502	.2447		.2397	

MACH (4) = 1.049 RN/L (1) = 4.507 P = 1025.5 PT = 2056.7 TTF = 73.116 Q = 799.52

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0001	-.0082	-.0175	-.0076	-.0096	-.0107	-.0017	
-12.0000	-.0042								.0033
-9.0000	-.0037								-.0021
-6.0000	-.0055								.0051
-3.0000	-.0037								.0014
.0000	-.0100								.0145
3.0000	.0592								.0666
6.0000	.1270								.1468
9.0000	.2017								.2113
12.0000	.2779								.2807
14.4750		.3172	.3181		.3201	.3097		.3030	

MACH (5) = 1.094 RN/L (1) = 4.489 P = 957.64 PT = 2029.9 TTF = 72.558 Q = 802.42

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0011	-.0040	-.0005	-.0092	-.0132	-.0173	-.0060	
-12.0000	-.0011								-.0060
-9.0000	-.0053								-.0060
-6.0000	-.0059								-.0003
-3.0000	-.0085								-.0010
.0000	-.0139								.0016
3.0000	.0056								.0259

OA-252 (P45) FIXTURE PRESSURES (R3TF81)

MACH (5) = 1.094 RN/L (1) = 4.489

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
6.0000	.0975								.1096
9.0000	.2054								.2143
12.0000	.2831								.2898
14.4750		.3311	.3313		.3297	.3240		.3297	

MACH (6) = 1.250 RN/L (1) = 4.584 P = 791.44 PT = 2049.7 TTF = 71.478 Q = 865.39

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0042	-.0084	-.0071	-.0037	-.0047	-.0042	-.0047	
-12.0000	-.0015								-.0027
-9.0000	-.0010								-.0033
-6.0000	-.0092								-.0068
-3.0000	-.0112								-.0017
.0000	-.0177								-.0002
3.0000	-.0056								.0006
6.0000	-.0133								.0041
9.0000	.0016								.0105
12.0000	.1101								.1638
14.4750		.2934	.3124		.3166	.3045		.2849	

MACH (7) = 1.401 RN/L (1) = 4.615 P = 654.22 PT = 2084.3 TTF = 69.839 Q = 898.59

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		.0210	.0128	.0068	.0033	.0060	.0087	.0199	
-12.0000	.0175								.0079
-9.0000	.0137								.0061
-6.0000	-.0047								-.0003
-3.0000	-.0049								-.0010
.0000	-.0104								.0052
3.0000	-.0005								.0020
6.0000	-.0063								.0090
9.0000	-.0091								.0039
12.0000	.0021								.0020
14.4750		.0855	.1094		.0611	.0887		.0187	

OA-252 (P45+A) FIXTURE PRESSURES (R3TF80) (11 APR 80)

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 =	.6670						

PARAMETRIC DATA

HWALL =	.000	PANEL =	45.000
GAP =	.030	STEP-F =	-.020
STEP-A =	-.020		

MACH (1) = 1.049 RN/L (1) = 4.502 P = 1027.0 PT = 2059.8 TTF = 74.127 Q = 790.61

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0076	-.0130	-.0175	-.0087	-.0166	-.0135	-.0089	
-12.0000	-.0084								-.0121
-9.0000	-.0068								-.0042
-6.0000	-.0154								-.0065
-3.0000	-.0037								.0035
.0000	.0049								.0173
3.0000	.1060								.0893
6.0000	.1601								.1778
9.0000	.2436								.2459
12.0000	.3152								.3197
14.4750		.3617	.3526		.3490	.3462		.3437	

MACH (2) = 1.096 RN/L (1) = 4.507 P = 965.42 PT = 2050.4 TTF = 75.137 Q = 811.29

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0057	-.0185	-.0090	-.0211	-.0276	-.0143	-.0048	
-12.0000	-.0029								-.0053
-9.0000	-.0073								.0022
-6.0000	-.0122								.0001
-3.0000	-.0113								-.0038
.0000	-.0157								.0083
3.0000	.0338								.0449
6.0000	.1431								.1609
9.0000	.2442								.2544
12.0000	.3345								.3312
14.4750		.3885	.3707		.3728	.3683		.3695	

OA-252 (P45+A) FIXTURE PRESSURES (R3TF82)

MACH (3) = 1.249 RN/L (1) = 4.554 P = 799.21 PT = 2068.1 TTF = 77.643 Q = 873.00

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0070	-.0114	-.0003	.0039	-.0024	-.0114	-.0054	
-12.0000	-.0024								-.0062
-9.0000	-.0032								-.0024
-6.0000	-.0090								-.0042
-3.0000	-.0152								-.0079
.0000	-.0215								-.0003
3.0000	-.0165								-.0049
6.0000	-.0043								.0744
9.0000	.1568								.2326
12.0000	.3110								.3267
14.4750		.3950	.4008		.4018	.4042		.3834	

MACH (4) = 1.403 RN/L (1) = 4.511 P = 659.18 PT = 2107.0 TTF = 83.167 Q = 908.39

SECTION (1)FIXTURE DEPENDENT VARIABLE CP

Y	-10.7000	-9.0000	-6.0000	-3.0000	.0000	3.0000	6.0000	9.0000	10.7000
X									
-14.4750		-.0012	-.0073	-.0135	-.0092	.0034	.0108	-.0043	
-12.0000	-.0079								-.0071
-9.0000	-.0021								-.0018
-6.0000	-.0160								-.0046
-3.0000	-.0088								-.0053
.0000	-.0135								.0071
3.0000	-.0085								-.0060
6.0000	-.0187								.0084
9.0000	.0127								.1688
12.0000	.2069								.2672
14.4750		.3468	.3244		.3557	.3454		.3442	