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RESULTS OF HEAT TRANSFER TEST SERIES IN THE NASA/ARC 3.5-FOOT HYPERSONIC WIND TUNNEL UTILIZING SPACE SHUTTLE ORBITER THIN-SKIN THERMOCOUPLE MODELS 60-Ø AND 83-Ø (TESTS ØH84C AND ØH105B)

SPACE SHUTTLE AEROTHERMODYNAMIC DATA REPORT

Data Management SERVICES

HUNTSVILLE ELECTRONICS DIVISION CHRYSLER CORPORATION

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by

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Prepared under NASA Contract Number NAS9-16283

by

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Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	ARC 3.5HWT-246, ARC 3.5HWT-247
NASA Series Number:	ØH84C and ØH105B
Model Number:	60-Ø and 83-Ø
Test Dates:	July 26, 1979 thru Aug. 28, 1979
Occupancy Hours:	Test ØH84C 94 hours
	ØH105B 163 hours

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ABSTRACT

Two thin-skin thermocouple heat transfer tests were conducted using scaled Space Shuttle models in the NASA/Ames Research Center 3.5-foot Hypersonic Wind Tunnel to determine aerodynamic heating on the orbiter at attitudes where data did not exist and data extrapolation or analytical predictions were not feasible.

A limited amount of data were recorded at a Mach No. of 5.3 but the majority of data was recorded at a nominal Mach Number of 7.3 at Reynolds numbers of 1.0, 2.0, 3.0 and 3.7 x 10^6/ft.. Tests were run at angles of attack of 0, $+10^\circ$, $+15^\circ$, $+20^\circ$, $+25^\circ$ and $+30^\circ$, and at sideslip angles of 0, $\pm 1^\circ$ and -3°.

Two models were utilized for tests ØH84C and ØH105B: the 60-Ø 0.0175 scale thin-skin thermocouple model (Rockwell International Vehicle 5 configuration) and the 83-Ø 0.04 scale thin skin 50% forebody thermocouple model (lines VL70-000140C).

Both models were constructed of 17-4 PH stainless steel with a nominal skin thickness of 0.030 inches at the instrumented areas.

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TABLE OF CONTENTS

	Page
ABSTRACT	iii
INDEX OF MODEL FIGURES	2
INTRODUCTION	3
NOMENCLATURE	4
CONFIGURATIONS INVESTIGATED	8
INSTRUMENTATION	10
TEST FACILITY DESCRIPTION	11
DATA REDUCTION	12
REFERENCES	16
TABLES	
I. TEST CONDITIONS	17
II. DATA SET/RUN NUMBER COLLATION SUMMARY	18
III. MODEL DIMENSIONAL DATA	23
IV. THERMOCOUPLE PLUG HOOKUP SCHEDULE - 60-Ø	33
V. THERMOCOUPLE PLUG HOOKUP SCHEDULE - 83-Ø	37
VI. 60-Ø MODEL THERMOCOUPLE LOCATIONS	38
VII. 83-Ø MODEL THERMOCOUPLE LOCATIONS	56
MODEL FIGURES	65
TABULATED SOURCE DATA	80
APPENDIX A ØH84C	
APPENDIX B ØH105B	

INDEX OF MODEL FIGURES

Figure	Title	Page
1.	Axis and Coordinate Systems	
	a. Orbiter Axis System	65
	b. Model 60-Ø Instrumentation Location System	66
	c. Model 83-Ø Instrumentation Location System	67
2.	Model 60-Ø Thermocouple Locations	
	a. Nose-Left Side	68
	b. Nose-Top & Bottom	69
	c. Upper Fuselage, Wing,Bodyflap	70
	d. Right Wing Upper Surface	71
	e. Lower Fuselage and Left Wing	72
	f. Aft Fuselage Side	73
	g. OMS Pod	74
	h. Vertical Tail	75
3.	Model 83-Ø Thermocouple Locations	
	a. Nose and Fuselage Side	76
	b. Canopy	77
	c. Upper Nose/RCS	78
	d. Lower Nose	79

INTRODUCTION

An experimental investigation was conducted to obtain heat transfer data on the Space Shuttle Orbiter at attitudes where data did not exist and where data extrapolation or analytical predictions were not feasible.

The test articles were a 0.0175 scale representation of the orbiter configuration 5 (Model 60-Ø) and a 0.04 scale 50% forebody thermocouple orbiter, Model 83-Ø. The tests were performed in the NASA/Ames Research Center 3.5-foot Hypersonic Wind Tunnel. The nominal test conditions were: Mach Number 5.3 and 7.3 with Reynolds numbers from 1.0×10^6 to 3.7×10^6 at a total temperature of $1500^\circ R$.

After tunnel flow was established, the model was inserted in the air stream for approximately 3 seconds with a one second time on tunnel center line. Tests were run at angles of attack of 0, $+10^\circ$, $+15^\circ$, $+20^\circ$, $+25^\circ$ and $+30^\circ$ and at sideslip angles of 0, ± 1 and -3°. Three hundred and seventy five thermocouples were recorded on Model 60-Ø and one hundred fifty T/C's were recorded on Model 83-Ø.

A combined total of approximately 172 valid runs and 11 repeat runs were made in 257 occupancy hours. These tests were made during the period of July 26,1979 thru August 28, 1979. A summary of configurations tested and test conditions for each run is given in Table II.

NOMENCLATURE

SYMBOL	MNEMONIC	DESCRIPTION
b		thickness of model skin
δ_{BF}	BDFLAP	body flap deflection angle, degrees
C		specific heat of model skin material
C_o, C_1, C_2		constants in curve fit for C over model wall temperature range
c_p		specific heat of air stream (perfect gas value)
CHAN	CHAN	recording system channel
δ_e	ELEVON	elevon deflection angle, degrees
H_{aw}	HAW	adiabatic wall enthalpy
H_t	HT	freestream total enthalpy
H_{w_i}	HW	enthalpy based on model wall temperature for given thermocouple location at initial time
h	H	heat transfer coefficient at model wall for given thermocouple location
h_s	HS	stagnation-point heat transfer coefficient for reference sphere
h/h_s(X.XXX)	H/HREF (R=X.XXX)	ratio of model heat transfer coefficient to heat transfer coefficient of reference sphere for H_{aw}/H_t =X.XXX (1.000, 0.900, 0.850)
L	LENGTH	model reference length
M_∞, M	MACH	freestream Mach number
	PHI	radial location of thermocouple, degrees
	PINF	freestream static pressure
P_t	PT	freestream total pressure
LINE	LINE	dimension used to locate canopy T/C, see Table VII
RAY	RAY	dimension used to locate canopy T/C, see Table VII

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DESCRIPTION
$\dot{q}_i$	Q, QDOT	heat transfer rate at model wall for given thermocouple location at initial time
$\dot{q}_s$	QS, QREF	stagnation-point heat transfer rate for reference sphere at initial time
R_s	RS	reference sphere radius at model scale equivalent to 0.305 m (1 ft.) for full-scale vehicle
Re_∞/ft	RN/FT, RE	freestream Reynolds number per foot
$Re_{\infty,L}$	REL	freestream Reynolds number based on model reference length, L
δ_{SB}	SPDBRK	speedbrake deflection angle, degrees
St(X.XXX)	STN NO R=X.XXX	Stanton number based on freestream flow conditions and the model heat transfer coefficient for H_{aw}/H_t = X.XXX (1.000, 0.900, 0.850)
T		temperature
	TINF	freestream static temperature
T_t	TT	freestream total temperature
T_{w_i}	TW	model wall temperature for given thermocouple location at initial time
T/C	T/C NO. XNNN (in Tab Data)	thermocouple number, where $X = \begin{cases} 0, \text{ no alphanumeric suffix on T/C No.} \\ 1, \text{ alphanumeric suffix of C in Table IV} \\ 2, \text{ alphanumeric suffix of A in Table IV} \end{cases}$
t		time
t_i	TIME	initial time (before model insertion into flow) extrapolated from $f(T_w)$ vs. time
u		velocity
	VINF	freestream velocity
W		density of model skin material

NOMENCLATURE (Continued)

SYMBOL	MNEMONIC	DESCRIPTION
X/L	XB/LB	longitudinal location on orbiter, percent of body length
X_o	XO	full scale longitudinal location on orbiter, measured from a point 235 inches (full scale) forward of the orbiter nose
X_oMS	XO MS	model scale longitudinal location on orbiter, measured from a point 235 inches (full scale) forward of the orbiter nose
X/C_V	XV/CV	chordwise location on vertical tail, percent of vertical tail chord
X/C	XW/CW	chordwise location on wing, percent of wing chord
Y_o	YO	full scale lateral location on orbiter, measured from orbiter centerline
Y_oMS	YO MS	model scale lateral location on orbiter, measured from orbiter centerline
Z_o	ZO	full scale vertical location on orbiter, measured from centerline of external tank
Z_oMS	ZO MS	model scale vertical location on orbiter, measured from centerline of external tank
Z/b_v	ZV/BV	spanwise location on vertical tail, percent of vertical tail span
2Y/b	2Y/BW	spanwise location on wing, percent of wing semi-span
α	ALPHA	model angle of attack, degrees
β	BETA	model angle of sideslip, degrees
μ		viscosity of air
ρ	RHO	density of air
$\emptyset$		angular location of TC, measured clockwise from bottom centerline, looking forward

NOMENCLATURE (Concluded)

SUBSCRIPTS	DESCRIPTION
aw	adiabatic wall
i	initial value before model insertion into tunnel flow
n	nozzle
O	orbiter
PG	perfect gas (calorically and thermally perfect gas)
s	reference sphere
t	freestream total condition
T	external tank
w	wall
∞	freestream
1	conditions upstream of shock
2	conditions downstream of shock

CONFIGURATIONS INVESTIGATED

Two Space Shuttle Orbiter models were utilized to obtain heat transfer data for these tests. The test articles were a 0.0175 scale model of the full orbiter (designated Model 60-Ø) and a 0.04 scale, 50% forebody model of the orbiter (identified as Model 83-Ø). These models were furnished by Rockwell International.

The 60-Ø model was a thin-skin thermocouple model of the Rockwell International Vehicle 5 configuration. The model was constructed of 17-4 PH stainless steel with a nominal skin thickness of 0.030 in. at the instrumented areas. All thermocouples were spot welded to the thin-skin inner surface. The deflection angles of the elevons and speedbrakes were varied during these tests.

The 83-Ø model was a 0.04 scale model of the forward 50% of the orbiter. This model was also constructed of 17-4 PH stainless steel with a nominal skin thickness of 0.030 in.

Basic dimensions for the 60-Ø and 83-Ø models are presented in figures 1b and 1c.

Nomenclature used to describe the various components of the two models used for these tests are:

Model 60-Ø Orbiter (Vehicle 5 configuration VL70-000140C lines)

B62	Fuselage
C12	Canopy
E52	Elevon
F10	Bodyflap
M16	OMS Pod
R18	Rudder
V8	Vertical Tail
W116	Wing

Model 83-Ø Orbiter (VL70-000140C lines)

B60	Fuselage
C10	Canopy

Full scale and model scale dimensional data for the various components of the two models are presented in Table III.

INSTRUMENTATION

The thin-skin model 60-Ø is instrumented with 600 thermocouples of which 375 were utilized during these tests. Of these, 225 were iron-constantan and the remainder were chromel-constantan. The thermocouples were spot-welded to the model inner surface at the locations given in figures 2a thru 2h (Table VI).

The 375 thermocouples (T/C's) were connected to 25 plugs with 15 T/C's per plug. Two T/C junction boxes were installed on the terminal board. One was iron-constantan (box 1) and the other chromel-constantan (box 2). The constantan leads from each junction box were doubled to the same constantan plug in the terminal board. Constant set groups 100, 200 and 300 (See Table IV) were plugged to T/C box (1) and the chromel-constantan constant sets (500 and 600) were plugged to box (2). All thermocouple changes were made by plug changes inside the test chamber at the terminal box between runs.

Model 83-Ø is instrumented with 482 chromel-constantan thermocouples of which 150 T/C's were utilized during these tests. Thermocouple locations for model 83-Ø are presented in figures 3a thru 3d and in Table VII. Plug and constant set groupings are listed in Table V.

TEST FACILITY DESCRIPTION

The NASA/Ames 3.5-foot Hypersonic Wind Tunnel is a closed-circuit, blowdown-type tunnel capable of operating at nominal Mach numbers of 5, 7 and 10 at pressures to 1800 psia and temperatures to 3400^{o}R for run times to four minutes. The major components of the facility include a gas storage system where the test gas is stored at 3000 psi, a storage heater filled with aluminum-oxide pebbles capable of heating the test gas to 3400^{o}R, axisymmetric contoured nozzles with exit diameters of 42 inches for generating the desired Mach number, and a 900,000 ft^{3} vacuum storage system which operates to pressures of 0.3 psia. The test section itself is an open-jet type enclosed within a chamber approximately 12-feet in diameter and 40-feet in length, arranged transversally to the flow direction.

A model support system is provided that can pitch models through an angle-of attack range of -20 to +18 degrees, in a vertical plane, about a fixed point of rotation on the tunnel centerline. This rotation point is adjustable from 1 to 5 feet from the nozzle exit plane. The model normally is out of the test stream (strut centerline 37-inches from tunnel centerline) until the tunnel test conditions are established after which it is inserted. Insertion time is adjustable to as little as 1/2 second and models may be inserted at any strut angle.

A high-speed, analog-to-digital data acquisition system is used to record test data on magnetic tape. The present system is equipped to measure and record the outputs from 80 transducers in addition to 20 channels of tunnel parameters.

DATA REDUCTION *

All test data were reduced at the NASA Ames Research Center using the data reduction techniques outlined below. The thermocouple data were reduced using the one-dimensional, thin-wall equation:

$$\dot{q} = WCb \frac{dT_w}{dt} = h\ (H_{aw} - H_w) \equiv hT_t\left(\frac{H_{aw}}{H} - \frac{H_w}{H}\right) \tag{1}$$

which neglects heat conduction losses.

Assuming that W and h are constant and

$$C = C_o + C_1T_w + C_2T_w^2 \text{ for } T_w \text{ ranges} \tag{2}$$

the integration of equation (1) for $t = t_i$ to t and $T_w = T_{w_i}$ to T_w yields the linear equation:

$$f(T_w) = -\ell n\left(\frac{T'_{aw}-T_w}{T'_{aw}-T_{w_i}}\right) - \left[\frac{C_1}{C'_{aw}} + \frac{C_2}{C'_{aw}}\left(T'_{aw} + \frac{T_w+T_{w_i}}{2}\right)\right](T_w - T_{w_i})$$

$$= \frac{hc_p}{WC'_{aw}b}(t - t_i) \tag{3}$$

where it is defined that:

$$T'_{aw} \equiv \frac{H_{aw}}{c_p} \equiv \frac{H_{aw}}{H_t}\frac{H_t}{c_p} \geq (T_{aw})_{PG} \tag{4}$$

and

$$C'_{aw} \equiv C_o + C_1\ T'_{aw} + C_2\ T'^2_{aw} \tag{5}$$

$\neq$ specific heat at adiabatic wall temperature.

*Data Reduction section provided by William K. Lockman, NASA Ames Research Center

The form of Equation (3) is $f(T_w) = mt + a$ where m is the slope and a is the intercept for a straight line if heat conduction errors are negligible. Thus, deviations from a straight line can indicate heat conduction effects.

The slope, m, of $f(T_w)$ vs t from Equation (3) is computed by a least-squares, straight-line fit over a finite time interval (approximately one second) beginning when the model reaches uniform tunnel flow. The value of the heat transfer coefficient, h, is then determined from:

$$h = \frac{WC'_{aw}b}{c_p} m \tag{6}$$

Using this value of h, the heat transfer rate is evaluated at the initial time, t_i, when the model is isothermal at the initial wall enthalpy, H_{w_i}

$$\dot{q} = \dot{q}_i = h\ (H_{aw} - H_{w_i}) \equiv hH_t \left(\frac{H_{aw}}{H_t} - \frac{H_{wi}}{H_t}\right) \tag{7}$$

where H_{aw}/H_t is the same value used to evaluate h. The resultant value of $\dot{q}$ is independent of the value of H_{aw}/H_t used for both the h and $\dot{q}$ evaluations.

The reference sphere heating is also evaluated at the initial wall enthalpy by the method of Fay and Riddell. (Ref. 1)

$$\dot{q}_s = h_s\ (H_t - H_{w_i}) \equiv h_s\ H_t \left(1.0 - \frac{H_{wi}}{H_t}\right) \tag{8}$$

The model-to-sphere ratio of heat transfer coefficients is then determined from Equations (7) and (8) as

$$\frac{h}{h_s} = \frac{\dot{q}_i}{\dot{q}_s} \left[\frac{1.0 - H_{w_i}/H_t}{H_{aw}/H_t - H_{w_i}/H_t} \right] \tag{9}$$

where $\dot{q}_i$ is constant for all values of H_{aw}/H_t. To determine h/h_s for various values of H_{aw}/H_t, the particular value of H_{aw}/H_t is substituted into Equation (9).

The Stanton number is defined as

$$St \equiv \frac{h}{\rho u} = \frac{\dot{q}_i}{\rho u (H_{aw} - H_{w_i})} \tag{10}$$

where for freestream conditions, $\rho u = \rho_\infty V_\infty$.

The calculations of the model heating, reference sphere heating, and Reynolds number included the corrections of NACA report 1135 (Reference 2) for calorically imperfect, thermally perfect air. Keyes' equation for viscosity was also used for the sphere heating and Reynolds number computations:

$$\mu = \frac{0.0232 \times 10^{-6} T^{0.5}}{1 + \frac{220}{T} \times 10^{-9/T}} \tag{11}$$

where the units for T and μ are ^{o}R and lb-sec/ft, respectively.

Material Properties

The instrumented areas of the model were constructed of 17-4 PH stainless steel. The material thermal properties necessary for thin wall thermocouple data reduction are listed below.

Material density: $W = 490\ lb/ft^3$

Material specific heat: $C = 0.0797 + 5.556 \times 10^{-5}\ T\ \frac{BTU}{lbm-{}^{o}R}$

REFERENCES

1. Fay, J.R. and Riddell, F.R.: "Theory of Stagnation Point Heat Transfer in Dissociated Air." J. Aeron. Sci., Vol. 25, No. 1, February 1958, pp 73-85.

2. Ames Research Staff: "Equations, Tables, and Charts for Compressible Flow," NACA Rept. 1135, 1953.

3. Bertram, Mitchel H.: "Comment on Viscosity of Air," J. Spacecraft Rockets, Vol. 4, No. 2, February 1967, pp. 287-288.

4. SD78-SN-0034, "Pretest Information for Testing the 0.0175-scale Thin Skin Thermocouple Model 60-OTS in the NASA/ARC 3.5-foot Hypersonic Wind Tunnel, Test IH-90," dated January 12, 1978.

5. STS79-0254, "Pretest Information for Testing the 0.0175-scale Thin Skin Thermocouple Model 60-ØT, 56-Ø/60-T in the NASA/ARC 3.5-foot Hypersonic Wind Tunnel Test IH103, dated June 8, 1979.

6. STS79-0253, "Pretest Information for Testing the 0.0175-scale Orbiter Model 60-Ø and the 0.04 scale Orbiter Forebody 83-Ø Thin Skin Thermocouple Models in the NASA/ARC 3.5-foot Hypersonic Wind Tunnel Test OH-84C and OH-105B," June 8, 1979.

TABLE I

TEST : ΦH84C AND ΦH105B

DATE : AUG. 1979

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per foot) $\times 10^{-6}$	Total PRESSURE (pounds/sq. inch)	TOTAL TEMPERATURE (degrees Rankine)
5.3	3.7	375	1500
7.3	1.0	235	"
7.3	2.0	468	"
7.3	3.0	700	"
7.3	3.7	865	"

BALANCE UTILIZED: None

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

COMMENTS:

IAS 010

TEST : ØH84C (ARC 3.5 HWT 246) — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE :

DATA SET IDENTIFIER	CONFIGURATION	α	β	δ_e	δ_{BF}	δ_{SB}	Re	M	PSI P_T	°R T_T	CONSTANT SET 100	101	102	200	300	400	500	600	TEST RUN NUMBERS
R32*01	60-Ø	20	-3	0	0	0	3.7	5.3	375	1500	134		129						
02		25									133		130						
03		30									132		131						
04		30	0								125		126						
05		25									124		127						
06		20									1		128						
07		20	0	0	0	49	1.0	7.3	235	1500		12		20	30		37	51	
08							2.0		468			14		19	31		36	50	
09							3.0		700			15		18	32		35	49	
10							3.7		865			16		17	33		34	47	
11		25					1.0		235			11		21	29		38	45	
12							2.0		468			10		22	25		39	44	
13							3.0		700					23	28		40	43	
14							3.7		865			8		24	27		41	42	
15		30					1.0		235		2								
16							2.0		468		3								
17							3.0		700		5								
18							3.7		865		6								

α OR β SCHEDULES

NASA-MSFC-MAF

* -- See page 22 for Key to 4th Character

TABLE II
(Continued)

TEST: ϕH105B — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE:

DATA SET IDENTIFIER	CONFIGURATION	α	β	δ_e	δ_{BF}	δ_{SB}	R_e	M	PSI P_T	°R T_T	CONSTANT SET 100	200	300	400	500	600	700	800
R3R*01	83-ϕ	0	0	0	0	0	1.0	7.3	235	1500							161	180
02							2.0		468								160	181
03							3.0		700								159	182
04							3.7		865								158	183
05		5					1.0		235								167	179
06							2.0		468								165	178
07							3.0		700								164	177
08							3.7		865								163	
09		10					2.0		468								169	175
10							3.7		865								168	174
11		15					2.0		468								170	173
12							3.7		865								171	172
13		20					2.0		468								136	139
14							3.7		865								137	138
15	BLOCKAGE CHECK RUN						1.0		235								135	

TEST RUN NUMBERS

α OR β SCHEDULES

NASA-MSFC-MAF

TABLE II
(Continued)

TEST: ϕH105B — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE:

DATA SET IDENTIFIER	CONFIGURATION	α	β	δ_e	δ_{BF}	δ_{SB}	Re	M	P_T (PSI)	T_T (°R)	CONSTANT SET 100	200	300	400	500	600	700	800
R3R*16	83-ϕ	0	-1	0	0	0	1.0	7.3	235	1500							148	144
17							2.0		468								149	145
18							3.0		700								150	146
19							3.7		865								151	147
20			1				1.0		235								155	143
21							2.0		468								154	142
22							3.0		700								153	141
23							3.7		865								152	140
24	$\phi = -90°$		0				3.7		865								156	

TEST RUN NUMBERS

α OR β SCHEDULES

NASA-MSFC-MAF

TABLE II
(Continued)

TEST: ϕH105B — DATA SET/RUN NUMBER COLLATION SUMMARY — DATE:

DATA SET IDENTIFIER	CONFIGURATION	α	β	δ_e	δ_{BF}	δ_{SB}	Re	M	PSI P_T	°R T_T	YEST RUN NUMBER: 100	200	300	400	500	600	700	800
R3R#25	60-ϕ	0	0	0	0	0	1.0	7.3	235	1500	88	81	72		65	52		
26							2.0		468		87	82	71		66	53		
27							3.0		700		86	83	70		67	54		
28							3.7		865		85	84	69		68	55		
29		10					1.0		235		89	80	73		63	57		
30							2.0		468		90	79	74		64	56		
31		15					1.0		235		92	77	76		62	58		
32							2.0		468		91	78	75		60	59		
33		20					1.0		235		122	121	118		117	114		
34							2.0		468		123	120	119		116	115		
35		0		5	15	49	1.0		235		93	100	101		108	109		
36							2.0		468		94	99	102		107	110		
37							3.0		700		95	98	103		106	111		
38							3.7		865		96	97	104		105	113		

α OR β SCHEDULES

NASA-MSFC-MAF

TABLE II (Concluded)

Key to Dataset 4th Character

4th Character	Description
A,B,C	60-Ø Fuselage
D,E	60-Ø Lower Nose
F	60-Ø Lower Mid Fuselage
G	60-Ø Lower Aft Fuselage
I	60-Ø Aft Fuselage & Elevon Split Line
J, Ø	60-Ø Upper RH Wing
K	60-Ø Lower Bodyflap
L	60-Ø Bodyflap Edge
M,T	60-Ø Vertical Tail
N	60-Ø Upper Mid Fuselage
P	60-Ø Wing Miscellaneous
Q	60-Ø Wing Lower Surface
R	60-Ø Wing Upper Surface
S	60-Ø OMS Pod
U	60-Ø Speedbrake Cavity
W**	60-Ø Windows
9*	83-Ø Upper RCS Nozzles
8*	83-Ø Canopy
7*	83-Ø Bottom Centerline
6*	83-Ø MHB Line
5*	83-Ø Top Centerline
4*	83-Ø Pilot RT(X-Sect)

*OH105B only

** OH84C only

TABLE III. MODEL DIMENSIONAL DATA
MODEL 60-Ø

MODEL COMPONENT: BODY - B_{62}

GENERAL DESCRIPTION: Configuration 140C orbiter fuselage. MCR 200-R4 Similar to 140A/B fuselage except aft body revised and improved midbody-wing-boot fairing, X_o = 940 to X_o = 1040.

MODEL SCALE: 0.0175

DRAWING NUMBER: VL70-000140C, -000202C, -000205A, VL70-000200B, -000203

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (IML: FWD.STA. X_o=238), In.	1290.3	22.58
Length (OML: FWD.STA. X_o235), In.	1293.3	22.63
Max. Width (At X_o = 1528.3), In.	264.0	4.62
Max. Depth (At X_o = 1464), In.	250.0	4.38
Fineness Ratio	4.899	4.899
Area, Ft^2		
Max. Cross-Sectional	340.885	0.104

TABLE III. MODEL DIMENSIONAL DATA (Continued)
MODEL 60-Ø

MODEL COMPONENT: CANOPY - C_{12}

GENERAL DESCRIPTION: Configuration 140C orbiter canopy. Vehicle cabin No. 31 updated to MCR 200-R4. Used with fuselage B_{62}.

MODEL SCALE: 0.0175

DRAWING NUMBER: VL70-000140C, -000202B, -000204

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (X_o = 434.643 to 578), In.	143.357	2.508
Max. Width (At X_o = 513.127), In.	152.412	2.667
Max. Depth (Z_o = 501 to 449.39), In.	51.61	0.903

TABLE III. MODEL DIMENSIONAL DATA (Continued)
MODEL 60-Ø

MODEL COMPONENT: ELEVON - E_{52}

GENERAL DESCRIPTION: Elevon for configuration 140C. Hingeline at X_o = 1387, elevon split line X_o = 312.5, 6.0" beveled edges and centerbodies.

MODEL SCALE: 0.0175

DRAWING NUMBER: VL70-000140C, -006089, -006092

DIMENSIONS:	FULL SCALE	MODEL SCALE
Area, Ft^2	210.0	0.064
Span (equivalent), In.	349.2	6.111
Inb'd equivalent chord, In.	118.0	2.065
Outb'd equivalent chord, In.	55.19	0.966
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.2096	0.2096
At Outb'd equiv. chord	0.4004	0.4004
Sweep Back Angles, degrees		
Leading Edge	0.0	0.0
Trailing Edge	- 10.056	- 10.056
Hingeline	0.0	0.0
Area Moment (Product of area & $\bar{c}$), ft^3	1587.25	0.008
Mean Aerodynamic Chord, In.	90.7	1.587
Hingeline dihedral (Origin at Z_o = 261.3509), deg.	5.229	5.229

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL 60-Ø

MODEL COMPONENT: BODYFLAP - F_{10}

GENERAL DESCRIPTION: Configuration 140C body flap. Hingeline located at X_o = 1532, Z_o = 287.

MODEL SCALE: 0.0175

DRAWING NUMBER: VL70-000140C, -355114

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (X_o = 1525.5 to X_o = 1613), In.	87.50	1.531
Max. Width (At L.E., X_o = 1525.5), In.	256.00	4.480
Max. Depth (X_o = 1532), In.	19.798	0.346
Area, Ft^2		
Max. Cross-Sectional (At H.L.)	35.196	0.011
Planform	135.00	0.041
Base (X_o = 1613)	4.89	0.0015

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL 60-Ø

MODEL COMPONENT: OMS POD - M_{16}

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

MODEL SCALE: 0.0175

DRAWING NUMBER: VL70-008401, -008410

DIMENSIONS:	FULL SCALE	MODEL SCALE
Length (OMS Fwd. Sta. X_o = 1310.5), In.	258.50	4.524
Max. Width (At X_o = 1511,), In.	136.8	2.394
Max. Depth (At X_o = 1511), In.	74.70	1.307
Fineness Ratio	2.484	2.484
Area, Ft^2		
Max. Cross-Sectional	58.864	0.018

TABLE III. MODEL DIMENSIONAL DATA (Continued)
MODEL 60-Ø

MODEL COMPONENT: RUDDER - R_{18}

GENERAL DESCRIPTION: The rudder is a secondary movable airfoil at the trailing edge of the vertical fin that imparts yaw forces. This dimensional data was calculated from the OML master dimensions.

MODEL SCALE: 0.0175

DRAWING NUMBER: Vehicle 5 Configuration MCR 200, Rev. 7

DIMENSIONS:	FULL SCALE	MODEL SCALE
Area, Ft^2	97.84	0.030
Span (equivalent), In.	198.614	3.476
Inb'd equivalent chord, In.	97.07	1.699
Outb'd equivalent chord, In.	50.80	0.889
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.833	34.833
Trailing Edge	26.249	26.249
Hingeline	34.833	34.833
Area Moment (Product of Area & $\bar{c}$), Ft^3	593.889	0.003
Mean Aerodynamic Chord, In.	72.840	1.275

TABLE III. MODEL DIMENSIONAL DATA (Continued)
MODEL 60-Ø

MODEL COMPONENT: VERTICAL - V_8

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

MODEL SCALE: 0.0175

DRAWING NUMBER: VL70-000140C, -000146B

DIMENSIONS: TOTAL DATA	FULL SCALE	MODEL SCALE
Area (Theo.), ft^2		
Planform	413.253	0.127
Span (Theo.), in.	315.72	5.530
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.404	0.404
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	26.25	26.25
0.25 Element Line	41.13	41.13
Chords:		
Root (Theo.) WP	268.50	4.699
Tip (Theo.) WP	108.47	1.898
MAC	199.81	3.497
Fus. Sta. of .25 MAC	1463.35	25.609
W.P. of .25 MAC	635.52	11.122
B.L. of .25 MAC	0.0	0.0
Airfoil Section		
Leading Wedge Angle, deg.	10.00	10.00
Trailing Wedge Angle, deg.	14.92	14.92
Leading Edge Radius	2.00	2.00
Void Area	13.17	0.0040
Blanketed Area	0.0	0.0

TABLE III. MODEL DIMENSIONAL DATA (Continued)
MODEL 60-Ø

MODEL COMPONENT: WING - W_{116}
GENERAL DESCRIPTION: Configuration 5. NOTE: Identical to W_{144} except airfoil thickness. Dihedral angle is along trailing edge of wing. Geometric twist - 0.
MODEL SCALE: 0.0175 DRAWING NO.: VL70-000140A, -000200

DIMENSIONS:	FULL SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.), ft^2		
Planform	2690.0	0.824
Span (Theo.), in.	936.68	16.392
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Dihedral Angle, degrees	3.500	3.500
Incidence Angle, degrees	0.500	0.500
Aerodynamic Twist, degrees		
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	- 10.056	- 10.056
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo.) B.P.0.0.	689.24	12.062
Tip, (Theo.) B.P.	137.85	2.412
MAC	474.81	8.309
Fus. Sta. of .25 MAC	1136.83	19.895
W.P. of .25 MAC	290.58	5.085
B.L. of .25 MAC	182.13	3.187
EXPOSED DATA		
Area (Theo.), ft^2	1751.50	0.536
Span, (Theo.), in. BP108	720.68	12.612
Aspect Ratio	2.059	2.059
Taper Ratio	0.245	0.245
Chords		
Root BP108	562.09	9.837
Tip 1.00 b/2	137.85	2.412
MAC	392.83	6.875
Fus. Sta. of .25 MAC	1185.98	20.755
W.P. of .25 MAC	294.30	5.150
B.L. of .25 MAC	251.77	4.406
Airfoil Section (Rockwell Mod NASA) XXXX-64		
Root b/2 =	0.113	0.113
Tip b/2 =	0.120	0.120
Data for (1) of (2) Sides		
Leading Edge Cuff		
Planform Area, ft^2	113.18	0.035
Leading Edge Intersects Fus M.L. @ Sta	500.00	8.750
Leading Edge Intersects Wing @ Sta	1024.00	17.920

TABLE III. MODEL DIMENSIONAL DATA (Continued)
MODEL 83-0

MODEL COMPONENT : BODY - B_{60}

GENERAL DESCRIPTION : 50% orbiter forebody, vehicle 140C.

NOTE: This body includes a small portion of the wing glove.

MODEL SCALE: 0.040

DRAWING NUMBER : VL70-000140C

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length	645.15	25.80
Max Width	330.00	13.20
Max Depth		
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. MODEL DIMENSIONAL DATA (Concluded)
MODEL 83-O

MODEL COMPONENT : CANOPY - C_{10}

GENERAL DESCRIPTION : Configuration 4 canopy and windshield as used with B_{2F}, six glass panes in windshield.

MODEL SCALE: 0.040

DRAWING NUMBER : VL70-000140B, 140C, 202B

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (X_o =434.643 to 670), In.	235.357	9.414
Max Width		
Max Depth (Glass), In.	28.00	1.12
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		
Nose/windshield intersection, X_o =	434.643	17.386

TABLE IV. THERMOCOUPLE PLUG HOOKUP SCHEDULE-60-Ø

CONSTANT SET 100

	Plug 1	Plug 2	Plug 3	Plug 4	Plug 5
T/C	340	357	373	300	317
	341	358	374	301	318
	342	359	375	302	319
	343	360	376	303	320
	344	361	377	304	321
	345	362	378	305	322
	348	363	379	306	323
	349	364	380	308	325
	350	365	381	309	327
	351	366	382	310	331
	352	367	383	311	332
	353	369	384	312	333
	354	370	385	313	334
	355	371	298	315	335
	356	372	299	316	337

CONSTANT SET 101

Plug 1	Plug 2	Plug 26	Plug 4	Plug 5
340	357	175	300	317
341	358	176	301	318
342	359	177	302	319
343	360	178	303	320
344	361	191	304	321
345	362	192	305	322
348	363	193	306	323
349	364	194	308	325
350	365	195	309	327
351	366	196	310	331
352	367	197	311	332
353	369	198	312	333
354	370	199	313	334
355	371	200	315	335
356	372	201	316	337

TABLE IV. THERMOCOUPLE PLUG HOOKUP SCHEDULE-60-Ø

(Continued)

CONSTANT SET 102

Plug 6	Plug 7	Plug 8	Plug 13	Plug 15
338	251	463	204	223
339	252	464	205	234
253	264	465	206	388
254	269	466	45	184
255	270	467	207	225
256	482	468	208	236
257	271	469	209	390
258	483	470	211	186
259	484	471	212	188
260	485	274	213	229
261	490	472	214	240
276	491	277	48	394
278	460	473	215	190
279	461	83	216	231
280	462	84	217	242

CONSTANT SET 200

Plug 6	Plug 7	Plug 8	Plug 9	Plug 10
338	251	463	95	147
339	252	464	96	148
253	264	465	97	150
254	269	466	107	151
255	270	467	120	152
256	482	468	121	153
257	271	469	122	154
258	483	470	123	156
259	484	471	131	158
260	485	274	132	159
261	490	472	139	162
276	491	277	140	163
278	460	473	142	164
279	461	83	143	165
280	462	84	144	166

TABLE IV. THERMOCOUPLE PLUG HOOKUP SCHEDULE-60-Ø

(continued)

CONSTANT SET 300

Plug 11	Plug 12	Plug 13	Plug 14	Plug 15
167	14	204	218	223
168	15	205	219	234
1	16	206	40	388
2	17	45	41	184
3	18	207	42	225
4	19	208	43	236
5	20	209	57	390
6	21	211	58	186
7	23	212	59	188
8	24	213	60	229
9	25	214	69	240
10	26	48	70	394
11	44	215	71	190
12	202	216	72	231
13	203	217	182	242

CONSTANT SET 500

Plug 16	Plug 17	Plug 18	Plug 19	Plug 20
368A	258A	116C	105C	35C
397C	259A	117C	106C	36C
398C	260A	118C	141C	37C
399C	261A	119C	155C	38C
400C	262A	77C	157C	39C
279A	263A	78C	197A	113A
249A	74C	79C	22C	191A
250A	75C	80C	27C	192A
251A	76C	81C	28C	193A
252A	110C	82C	29C	194A
253A	111C	90C	30C	186A
254A	112C	91C	31C	187A
255A	113C	92C	32C	188A
256A	114C	93C	33C	189A
257A	115C	94C	34C	196A

TABLE IV. THERMOCOUCPLE PLUG HOOKUP SCHEDULE-60-Ø
(Concluded)

CONSTANT SET 600

Plug 21	Plug 22	Plug 23	Plug 24	Plug 25
37A	56C	338A	122A	157A
38A	62C	339A	140A	107A
39A	63C	341A	139A	114A
45A	64C	342A	408A	115A
46A	65C	343A	407A	116A
47A	66C	344A	406A	117A
65A	67C	87A	405A	118A
70A	68C	88A	404A	130A
107A	320A	89A	410A	131A
50C	321A	103A	156A	132A
51C	322A	102A	155A	133A
52C	323A	127A	36A	134A
53C	288C	126A	160A	135A
54C	336A	125A	159A	220C
55C	337A	124A	158A	41A

TABLE V. THERMOCOUPLE PLUG HOOKUP SCHEDULE-83-Ø

CONSTANT SET 700

Plug 1	Plug 2	Plug 3	Plug 4	Plug 5
177	192	207	222	174
178	193	208	223	175
179	194	209	161	176
180	195	210	162	379
181	196	211	163	380
182	197	212	164	381
183	198	213	165	382
184	199	214	166	383
185	200	215	167	384
186	201	216	168	385
187	202	217	169	386
188	203	218	170	387
189	204	219	171	388
190	205	220	172	389
191	206	221	173	390

CONSTANT SET 800

Plug 6	Plug 7	Plug 8	Plug 9	Plug 10
391	406	285	448	467
392	407	288	297	468
393	408	291	451	469
394	409	294	453	470
395	410	426	455	471
396	411	428	457	472
397	412	430	458	473
398	413	432	459	303
399	414	434	460	474
400	415	436	461	475
401	416	438	462	476
402	273	440	463	296
403	276	442	464	298
404	279	444	465	299
405	282	446	466	300

TABLE VI. 60-Ø MODEL THERMOCOUPLE LOCATIONS

T/C No.	X/L	Full Scale			Model Scale			Ø	Skin Thickness	Mat'l	Remarks
		X_o	Y_o	Z_o	$X_{from\ nose}$	Y	$Z_{from\ FRL}$				
1	0	235.0	0	–	0	0	–	0	.040	17-4	Bottom ℄
2	.005	241.47			.113				.032		
3	.01	247.93			.226				.033		
4	.02	260.87			.453				.040		
5	.03	273.80			.679				.040		
6	.04	286.73			.905				.040		
7	.05	299.67			1.132				.033		
8	.06	312.60			1.358				.035		
9	.07	325.53			1.584				.032		
10	.08	338.46			1.811				.032		
11	.09	351.40			2.037				.035		
12	.10	364.33			2.263				.037		
13	.12	390.20			2.716				.040		
14	.13	403.13			2.942				.038		
15	.14	416.06			3.169				.035		
16	.15	429.00			3.395				.036		
17	.16	441.93			3.621				.036		
18	.17	454.86			3.848				.035		
19	.18	467.79			4.074				.035		
20	.19	480.73			4.300				.035		
21	.20	493.66			4.527				.035		
22 C	.225	525.99			5.092				.035		
23	.25	558.32			5.658				.035		
24	.30	622.99			6.790				.035		
25	.35	687.66			7.922				.035		
26	.40	752.32			9.053				.034		
27 C	.45	816.99			10.185				.033		
28 C	.50	881.65			11.315				.032		
29 C	.55	946.32			12.448				.030		
30 C	.60	1010.9			13.580				.030		
31 C	.65	1075.6			14.711				.030		
32 C	.70	1140.3			15.843				.029		
33 C	.75	1204.9			16.975				.030		
34C	.80	1269.6			18.106				.030		

TABLE VI. Continued

T/C No.	X/L	Full Scale			Model Scale				Skin Thickness	Mat'l	Remarks
		X_o	Y_o	Z_o	$X_{from\ nose}$	Y	$Z_{from\ FRL}$ *	ϕ			
35C	.85	1324.3	0	-	19.063	0	-	0	.029	17-4	Bottom ℄
36C	.90	1398.9			20.369				.031		
37C	.925	1431.3			20.935				.027		
38C	.950	1463.6			21.501				.027		
39C	.975	1495.9			22.067				.023		
40	1.015	1547.7			22.972				.030		
41	1.03	1567.1			23.312				.030		
42	1.045	1586.5			23.651				.028		
43	1.06	1605.0			23.977				.0265		
44	.05	299.67	25.0		1.132	.438		14	.032		Fuselage Bottom Surface
45	.10	364.33	20.0		2.263	.350		10	.036		
46	.15	429.0	24.0		3.395	.420		12	.035		
48	.20	493.66	50.0		4.527	.875		24	.025		
50C	.50	881.65	46.8		11.316	.819		-	.028		
51C	.60	1010.9			13.580				.025		
52C	.70	1140.3			15.843				.030		
53C	.80	1269.6			18.106				.030		
54C	.90	1398.9			20.369				.028		
55C	.95	1463.6			21.501				.025		
56C	.975	1495.9			22.067				.028		
57	1.015	1547.7			22.972				.030		
58	1.03	1567.1			23.312				.030		
59	1.045	1586.5			23.651				.030		
60	1.060	1605.0			23.977				.031		
61C	.40	752.32	93.60		9.053	1.638			.032		
62C	.50	881.65			11.316				.031		
63C	.60	1010.9			13.580				.033		
64C	.70	1140.3			15.843				.029		
65C	.80	1269.6			18.106				.031		
66C	.90	1398.9			20.369				.030		
67C	.95	1463.6			21.501				.029		
68C	.975	1495.9			22.067				.028		

* FRL = fuselage reference line

TABLE VI. Continued

T/C No.	x/ℓ	Full Scale X_o	Y_o	Z_o	Model Scale $X_{from\ nose}$	Y	$Z_{from\ FRL}$	ϕ	Skin Thickness	Mat'l	Remarks
69	1.015	1547.7	93.6	–	22.972	1.638	–	–	.0275	17-4	Fus. Bottom
70	1.03	1567.1			23.312				.0285		
71	1.045	1586.5			23.651				.029		"
72	1.06	1605.0			23.977				.027		
169	.01	247.93	0		.226	0		180	.033		Top ℄
170	.025	267.33			.565				.031		
171	.050	299.67			1.129				.035		
172	.075	332.0			1.694				.035		
173	.100	364.33			2.258				.034		
174	.125	396.66			2.283				.032		
175	.150	429.0			3.387				.032		
176	.160	441.93			3.613				.040		
177	.170	459.86			3.839				.040		
178	.180	467.79			4.064				.033		
179	.200	493.66			4.516				.036		
[illegible]					[illegible]						
182	.40	752.32			9.053				.026		
183	.45	816.99			10.185				.026		
184	.50	881.65			11.316				.025		
185	.55	946.32			12.448				.026		
186	.60	1010.9			13.580				.025		
187	.65	1075.6			14.711				.024		
188	.70	1140.3			15.843				.025		
189	.75	1204.9			16.975				.0255		
190	.80	1269.6			18.106				.023		
191	–	–	6.00	452.0	–	.105	.910	–	.031		Window #1 Bott. Right
192			12.80	478.0		.224	1.365		.031		Top Right
193			21.20	464.9		.371	1.136		.030		Center
194			29.60	478.0		.518	1.365		.028		Top Left
195			34.30	452.0		.602	.910		.030		Bottom Right
196			40.40	452.0		.707	.910		.030		Window #2 Bottom Right
197			34.80	478.0		.609	1.365		.030		Top Right
198			44.80	464.9		.784	1.136		.030		Center

TABLE VI . (Continued)

T/C No.	X/L	Full Scale X_o	Full Scale Y_o	Full Scale Z_o	Model Scale $X_{from\ nose}$	Model Scale Y	Model Scale $Z_{from\ FR}$	ϕ_o	Skin Thickness	Mat'l	Remarks
199.	–	–	43.20	478.0	–	.756	1.365	–	.030	17-4	Window #2 Top LT
200.			59.20	452.0		1.036	.910		.029		Bottom Left
201.			62.40	464.9		1.092	1.136		.029		Window #3 Center
202.	.05	299.6	–	303.6	1.132	–	-1.689	22	.040		Fus. Side CCL
203.				325.6			-1.302	35	.035		MHB
204.				342.4			-1.008	42.5	.033		UT
205.				378.4			-.378	60	.033		45T
206.	.076	332.2		350.0	1.720		-.875	–	.035		RCS
207	.10	364.3	39.20	–	2.263	.686	–	20	.038		
208			52.00			.910	–	24.5	.035		CCL
209.			–	317.6		–	-1.442	39	.035		MHB
210				410.0			0.195	119	.037		
211	.15	429.0	40.80	–	3.395	.714	–	20	.035		
212			62.00	–		1.085	–	25.5	.025		CCL
213			79.20	304.8		1.386	-1.666	40	.030		CCL
214.			83.60	314.4		1.463	-1.498	45.5	.038		MHB
215	.20	493.6	65.80	287.2	4.527	1.148	-1.974	31.5	.022		CCL
216			75.60	292.0		1.323	-1.890	35	.022		CCL
217			85.20	298.8		1.491	-1.771	40	.020		CCL
218.			–	320.0		–	-1.400	51	.035		MHB
219				360.0			-.700	67.5	.030		UT
220.			–	410.0			0.195	96.5	.031		Upper Fuselage
223	.40	752.32	–	–	9.053	–	–	157.5	.034		UPPER FUSELAGE
224	.45	316.99			10.185				.034		
225	.50	881.65			11.316				.034		
226	.55	946.32			12.448				.035		
227	.60	1010.9			13.580				.034		
228	.65	1075.6			14.711				.0325		
229.	.70	1140.3			15.843				.030		
230	.75	1204.9			16.975				.030		
231	.80	1269.6			18.106				.032		

TABLE VI Continued

T/C No.	x/L	Full Scale X_o	Full Scale Y_o	Full Scale Z_o	Model Scale $X_{from\ nose}$	Model Scale Y	Model Scale $Z_{from\ FRL}$	ϕ	Skin Thickness	Mat'l	Remarks
										17-4	Upper Fuselage
234	.40	752.32	-	-	9.053	-	-	135	.030		
235	.45	816.99			10.185				.030		
236	.50	881.65			11.316				.036		
237	.55	946.32			12.448				.035		
238	.60	1010.9			13.580				.031		
239	.65	1075.6			14.711				.032		
240	.70	1140.3			15.843				.030		
241	.75	1204.9			16.975				.032		
242	.80	1269.6			18.106				.032		
288 C	.975	1496.0	-	381.2	22.068	-	-0.329	-	0.030		Aft Fuselage Side
388	.40	752.32	-	449.0	9.053		0.788	114	.031		Upper Fuselage Side
389	.45	816.99			10.185				.033		
390	.50	881.65			11.316				.036		
391	.55	946.32			12.448				.0345		
392	.60	1010.9			13.580				.0335		
393	.65	1075.6			14.711				.0345		
394	.70	1140.3			15.843				.034		
395	.75	1204.9			16.975				.036		
396	.80	1269.6			18.106				.034		

TABLE VI. Continued

Wing T/C Locations

T/C No.	2Y/B	Full Scale X/C	Full Scale X_o	Full Scale Y	Model Scale $X_{from\ L.E.}$	Model Scale Y	Elevon T/C	Skin Thickness	Mat'l	Remarks
73C	.30	0		140.5	0	2.459		.020	17-4	Wing Lower Sur.
74C		.05			.670			.020		
75C		.10			1.340			.026		
76C		.20			2.680			.031		
77C		.30			4.020			.030		
78C		.40			5.360			.031		
79C		.50			6.700			.030		
80C		.60			8.040			.030		
81C		.70			9.380			.031		
82C		.80			10.720			.030		
83		.90			12.060		X	.0305		
84		.95			12.730		X	.031		
86C	.40	0		187.3	0	3.277		.022		
87C		.05			.438			.031		
88C		.10			.876			.031		
89C		.20			1.753			.030		
90C		.30			2.629			.031		
91C		.40			3.506			.029		
92C		.60			5.258			.033		
93C		.70			6.135			.033		
94C		.75			6.573			.030		
95		.85			7.449			.0295		
96		.90			7.888		X	.026		
97		.95			8.326		X	.0275		
98C	.45	0		210.7	3.668	3.687	X	.030		
99C	.50	0		234.1	0	4.098		.027		
100C		.05			.364			.029		
101C		.10			.727			.030		
102C		.20			1.454			.031		
103C		.30			2.181			.031		
104C		.40			2.908			.031		
105C		.60			4.362			.032		
106C		.70			5.089			.031		

Wing T/C Locations

T/C No.	2Y/B	Full Scale X/C	Full Scale X_o	Full Scale Y_o	Model Scale X from L.E.	Model Scale Y	Elevon T/C	Skin Thickness	Hat'l	Remarks
107	.50	.90		234.1	6.543	4.098	X	.0285	17-4	Wing Lower Sur.
108C	.55	0		257.6	0	4.508		.026		
109C	.60	0		281.0	0	4.918		.024		
110C		.025			.157			.029		
111C		.05			.314			.028		
112C		.075			.470			.030		
113C		.10			.627			.031		
114C		.20			1.254			.031		
115C		.30			1.882			.033		
116C		.40			2.509			.032		
117C		.50			3.136			.032		
118C		.60			3.763			.032		
119C		.70			4.390			.031		
120		.80			5.018		X	.030		
121		.85			5.331		X	.0305		
122		.90			5.645		X	.0295		
123	↓	.95		↓	5.958	↓	X	.0295		
124C	.65	0		309.4	0	5.327		.026		
125C	.70	0		327.8	0	5.737		.017		
126C		.025			.133			.024		
127C		.10			.531			.032		
128C		.20			1.061			.036		
129C		.30			1.592			.036		
130C		.40			2.123			.035		
131		.60			3.184			.035		
132	↓	.90		↓	4.776	↓	X	.031		
133	.75	0		352.8	0	6.174		.028		
134		.025			.121			.028		
135		.05			.241			.030		
136		.10			.483			.032		
137		.20			.965			.032		
138		.30			1.448			.035		
139		.40			1.930			.034		
140	↓	.60		↓	2.895	↓		.033	↓	↓

TABLE VI. Continued

Wing T/C Locations

T/C No.	2Y/B	Full Scale X/C	Full Scale X_o	Full Scale Y_o	Model Scale $X_{from\ L.E}$	Model Scale Y	Elevon T/C	Skin Thickness	Mat'l	Remarks
141C	.75	.70		352.8	3.378	6.174		.031	17-4	Wing Lower Surf.
142		.80			3.860		X	.027		
143		.90			4.343		X	.0305		
144		.95			4.584		X	.0295		
145	.80	0		374.6	0	6.557		.024		
146		.20			.868			.032		
147		.40			1.737			.031		
148		.90			3.908		X	.0305		
149	.85	0		398.1	0	6.967		.028		
150		.20			.772			.031		
151		.40			1.544			.030		
152	.90	0		421.4	0	7.376		.028		
153		.10			.338			.030		
154		.20			.675			.031		
155C		.30			1.013			.031		
156		.50			1.689			.031		
157C		.60			2.026			.032		
158		.80			2.702		X	.0285		
159		.90			3.039		X	.028		
160	.95	0		444.9	0	7.786		.030		
161		.05			.138			.031		
162		.10			.276			.030		
163		.20			.552			.032		
164		.30			.827			.031		
165		.50			1.379			.030		
166		.70			1.931		X	.0295		
167		.80			2.206		X	.030		
168		.90			2.482		X	.0295		
246	.400	.05		187.3	.438	3.278		.024		Wing Upper Surface
247		.20			1.753			.028		
248		.40			3.506			.024		

TABLE VI Continued

WING T/C LOCATIONS

T/C No.	2Y/B	X/C	Full Scale Xo	Full Scale Yo	Model Scale X From LE	Model Scale Y	Elevon T/C	Skin Thickness	Mat'l	Remarks
249	.40	.60		187.3	5.258	3.278		.020	17-4	Wing Upper Surf
250		.75			6.573			.030		
251		.80			7.011		x	.029		
252		.95			8.326		x	.025		
253	.60	.025		281.0	.157	4.918		.009		
254		.05			.314			.011		
255		.10			.627			.021		
256		.20			1.254			.025		
257		.40			2.509			.027		
258		.60			3.763			.024		
259		.75			4.703			.025		
260		.85			5.331		x	.027		
261		.95			5.958		x	.020		
262	.70	.20		327.83	1.061	5.737		.024		
263		.40			2.123			.025		
264		.90			4.776		x	.028		
265	.75	.10		352.25	.483	6.147		.023		
266		.20			.965			.023		
267		.40			1.930			.025		
268		.60			2.895			.022		
269		.80			3.860		x	.024		
270		.90			4.430		x	.028		
271	.80	.90		374.69	3.908	6.557	x	.029		
272	.90	.20		421.99	.675	7.376		.025		
273		.40			1.351			.025		
274		.60			2.026			.030		
275	.95	.20		444.91	.552	7.786		.023		
276		.40			1.103			.030		
277		.50			1.379			.025		
278		.70			1.930		x	.028		
279		.90			2.206		x	.029		
280		.90			2.481		x	.028		

TABLE VI. Continued

OMS Pod T/C Locations

T/C No.	X/L	Full Scale X_o	Full Scale Y_o	Full Scale Z_o	Model Scale $X_{from\ Pod\ LE}$	Model Scale $Z_{from\ FRL}$		Skin Thickness	Mat'l	Remarks
293		1312							17-4	
294		"								
295		"								
296		"								
297		"								
298		1325	106.9	428.6				.030		
299		"	98.77	489.2				.033		
300		"	67.73	511.3				.030		
301		"	48.78	506.7				.028		
302		1350	123.6	440.4				.024		
303		"	132.0	458.6				.030		
304		"	108.9	498.5				.032		
305		"	69.5	524.4				.029		
306		"	47.3	515.5				.031		
307		"								
308		1375	111.6	421.6				.016		
309		"	130.0	440.0				.023		
310		"	139.6	460.0				.035		
311		"	113.8	503.4				.028		
312		"	72.4	531.0				.031		
313		1400	48.28	523.4				.027		
314		"	50.0	510.2						
315		1425	115.0	415.1				.031		
316		"	133.7	437.7				.030		
317		"	147.7	466.3				.038		
318		"	119.7	508.6				.027		
319		"	77.34	536.5				.030		
320		1450	117.48	418.20				.023		
321		"	134.5	436.0				.029		
322		"	149.8	468.2				.033		
323		"	122.2	511.1				.025		
324		"	79.6	528.2						
325		"	48.3	526.6				.027		
326		"	50.0	510.2						

TABLE VI Continued

OMS Pod T/C locations

T/C No.	X/L	Full Scale			Model Scale				Skin Thickness	Mat'l	Remarks
		X_o	Y_o	Z_o	$X_{from\ Pod\ LE}$	Y	$Z_{from\ FRL}$				
327		1500	136.7	437.0					.029	17-4	
328			151.2	470.4					.036		
329			125.6	514.0					.031		
330			89.5	539.4					.031		
331			55.7	532.3					.034		
332		1525	-	424.0					.029		Downward Firing RCS
333			-	431.0					.034		
334				440.0					.035		
335				493.0					.029		
336			133.0	-					.030		Upward Firing
337		1545	-	428.0					.022		Downwd Firing
338				434.0					.027		
339				443.0					.039		

TABLE VI. Continued

VERTICAL TAIL T/C LOCATIONS

T/C No.	$Z/_{BV}$	X/C	Full Scale Xo	Full Scale Zo	Model Scale X from L.E.	Model Scale Z from FRL		Rudder T/C	Skin Thickness	Mat'l	Remarks
340	.10	.10							.0315	17-9	External Surface
341		.30							.0305		
342		.50							.0295		
343	.20	.10							.031		
344		.20							.0302		
345		.40							.0313		
346		.60							.031		
347		.80							.0315		
348	.30	.05							.0297		
349		.20							.031		
350		.40							.031		
351		.50							.0318		
352		.90						x	.030		
353	.40	.10							.0305		
354		.20							.0315		
355		.40							.0315		
356		.50							.0308		
357		.70						x	.029		
358		.90						x	.0298		
359	.50	.05							.0285		
360		.70						x	.028		
361		.90						x	.0315		
362	.60	.05							.029		
363		.10							.0295		
364		.20							.0303		
365		.40							.0318		
366		.50							.0315		
367		.70						x	.028		
368		.90						x	.030		
369	.70	.05							.0275		
370		.70						x	.0275		
371		.90						x	.029		
372	.80	.05							.029		
373		.10							.0293		

TABLE VI. Continued

VERTICAL TAIL T/C LOCATIONS

T/C No.	Z/BV	Full Scale X/C	Full Scale X_o	Full Scale Z_o	Model Scale $X_{from\ L.E.}$	Model Scale $Z_{from\ FRL}$	Model Scale	Rudder T/C	Skin Thickness	Mat'l	Remarks
374	.80	.40							.031	17-4	External Surface
375	↓	.50							.0325	↓	↓
376	↓	.70						X	.028	↓	↓
377	↓	.90						X	.029	↓	↓
378	.90	.10							.031	↓	↓
379	↓	.30							.0305	↓	↓
380	↓	.50							.032	↓	↓
381	↓	.70							.0308	↓	↓
382	↓	.90							.0298	↓	↓
383	.95	.30							.0313	↓	↓
384	↓	.50							.0315	↓	↓
385	↓	.90							.033	↓	↓
397C									.0318	17-4	Speed Brake Cavity
398C									.0312	↓	↓
399C									.0312	↓	↓
400C									.0312	↓	↓

Table VI. (Continued)

BASE HEATSHIELD THERMOCOUPLE LOCATIONS

T/C NO.	FULL SCALE		MODEL SCALE		MAT'L	SKIN THICK-NESS	REMARKS
	Y_o	Z_o	Y	Z FROM			
428	0	430	0	0.525	15-5	.032	
429	-70	430	-1.225	0.525	"	.031	
430	0	320	0	-1.400	"	.0315	
431	-110	320	-1.925	-1.400	"	.0305	

Table VI. (CONTINUED)

Lower Left SSME Nozzle T/C Locations
(Note Material)

T/C NO.	X FROM EXIT PLANE F.S.	X FROM EXIT PLANE M. S.	ϕ_n deg	MAT'L	SKIN THICK-NESS, in.	REMARKS
408	5.0	0.088	315	15-5	.030	Smooth
409	↓	↓	0	↓	.031	Nozzle
411			45		.0315	↓
412			65		.032	
413			90		.032	
414	↓	↓	135		.0325	
415	10.0	0.175	0		.0305	
418	↓	↓	65		.0315	
419			90		.032	
420	15.0	0.263	0		.029	
421	↓	↓	45		.0295	
422			90		.030	
423	25.0	0.438	0		.0255	
424	↓	↓	45		.026	
425			65		.026	
426	↓	↓	90	↓	.026	
427	45.0	0.788	45	15.5	.027	↓

(428 thru 431 on heat shield)

Table V. (CONTINUED)
Lower Right SSME Nozzle T/C Locations
(Note Material)

432	5.0	0.088	315	17-4	.0289	Nozzle
433	↓	↓	0	↓	.0298	W/Hat Bands
434			25		.0295	↓
435			45		.0297	
436			65		.0298	
437			90		.0292	
438	↓	↓	135		.0307	
439	10.0	0.175	0		.0299	
440	↓	↓	25		.0295	
441			45		.0292	
442	↓	↓	65	↓	.0296	↓
443			90		.0288	
444	15.42	0.270	0		.0274	
445	↓	↓	25		.0290	
446			45		.0280	
447	↓	↓	65		.0278	
448			90		.0282	
449	25.0	0.438	0		.0288	
450	↓	↓	25		.0291	
451			45		.0286	
452	↓	↓	65		.0295	
453			90	↓	.0291	↓

TABLE VI. Continued

Upper Wing T/C Locations

T/C No.	2Y/B	FULL SCALE X_o	FULL SCALE Y_o	MODEL SCALE X_o	MODEL SCALE Y_o	SKIN THICKNESS, IN.	MAT'L	REMARKS
460	.500	1373.54	234.17	24.036	4.097	.0280	17-4	Wing Upper Surf.
461	.550		257.587		4.507	.0305		
462	.600		281.004		4.917	.0290		
463	.650		304.421		5.327	.0290		
464	.700		327.838		5.737	.0300		
465	.725		339.546		5.942	.0290		
466	.750		351.255		6.146	.0270		
467	.775		362.963		6.351	.0240		
468	.800		374.672		6.556	.0240		
469	.825		386.380		6.761	.0240		
470	.850		398.089		6.966	.0250		
471	.875		409.797		7.171	.0260		
472 **	.925		433.214		7.581	.0270		
277	.950		444.923		7.786	.0250		
473	.975		456.631		7.991	.0200		

* SPAN = 936.68 in full scale

** T/C 274 REF. 2Y/B = .900

T/C No.	2Y/B	FULL SCALE X/C	FULL SCALE Y_o	MODEL SCALE $X_{FROM\ LE}$	MODEL SCALE Y_o	Elevon T/C	SKIN THICK.	MAT'L	REMARKS
476	.700	.60	327.83	3.125	5.737		.0300	17-4	Wing Upper Surf.
477	.750	.50	351.25	2.411	6.147		.0280		
478	.800	.10	374.69	.435	6.557		.0310		
479		.30		1.305			.0320		
480		.40		1.740			.0320		
481		.50		2.171			.0320		
482		-		24.33 } X_o		X	.0250		
483	.825	-	386.00	24.33 }	6.756	X	.0280		
484		.85		3.485		X	.0250		
485		.90		3.690		X	.0290		
486	.850	.10	397.94	.386	6.964		.0320		
487		.30		1.155			.0300		
488		.40		1.544			.0300		
489		.50		2.000			.0300		
490		-		24.33 } X_o		X	.0290		
491	.900	.90	421.50	3.033	7.376	X	.0290		

TABLE VI Continued

ADDITIONAL T/C LOCATIONS

T/C NO.	MODEL SCALE X_o	Y_o	Z_o	SKIN THICKNESS	MATERIAL	LOCATION
37A	4.553	0.252	-	.032	17-4	Lower Nose (LH)
38A	4.541	0.428	5.524	.033		
39A	4.515	-	5.696	.036		
41A	5.626		6.002	.031		
45A	6.361	1.041	5.266	.028		
46A		-	5.470	.030		
47A		1.230	5.673	.031		
65A	8.610	0.388	4.893	.030		
70A	8.610	1.681	5.388	.030		
107A	13.170	0.780	4.809	.024		Lower Mid Fuselage (LH)
114A	13.207	1.782	4.977	.031		
115A	13.107	1.962	-	.024		
116A		2.142	-	.020		
117A		2.322	-	.017		
118A		2.448	-	.025		
130A	15.356	1.837	4.882	.023		
131A	-	2.046	-	.029		
132A		2.250	-	.028		
133A		2.453	-	.026		
134A		2.663	-	.023		
135A		2.816	5.226	.027		
186A	24.329	1.819	4.681	.030		Lower Aft Fuselage
187A	24.925	1.883	-	.031		
188A	25.476	1.911	-	.028		
189A	25.923	1.981	-	.025		
196A	24.015	2.128	-	.028		
197A	24.480	2.459	-	.032		Lower Elevon (LH)
320A	24.576	-	5.565	.0295		Aft Fuselage & Elevon Split Line (LH)
321A	24.913	-		.0265		
322A	25.476	-		.027		
323A	26.038	-		.029		
336A	24.576	-	4.902	.030		
337A	24.913	-		.031		
338A	25.575	-		.028		
339A	26.138	-		.026		
341A	24.576	-	4.692	.030		
342A	24.913	-	4.692	.032		
343A	25.475	-	4.722	.031		
344A	26.038	-	4.759	.031		
249A	10.859	1.988	-	.030*		Upper Wing (RH)
250A	11.983		-	.028		
251A	13.107		-	.030		
252A	14.195		-	.022		
253A	17.545	1.970	-	.026		
254A	19.941	2.049	-	.018		
255A	22.330	2.047	-	.029		
256A	14.195	2.459	-	.020		

TABLE VI. Concluded

ADDITIONAL T/C LOCATIONS

T/C NO.	MODEL SCALE X_o	Y_o	Z_o	SKIN THICKNESS	MATERIAL	LOCATION
257A	15.535	2.459	4.759	.027	17-4	Upper Wing (RH)
258A	16.875		-	.020		
259A	18.215		-	.016		
260A	19.555		-	.028		
261A	20.895		-	.025		
262A	22.235		-	.030		
263A	23.576		-	.029		
279A	24.080	5.138	-	.030*		
113A	27.268	0.928	-	.030		Lower Body Flap
191A	27.268	1.819	-	.028		
314A	27.274	0	5.122	.0255		Upper Body Flap
315A	28.017	0	-	.019		
316A	27.275	0.875	5.224	.0295		
317A	28.017	0.875	-	.028		
318A	27.275	1.837	5.122	.0295		
319A	28.017	1.697	-	.0295		
192A	26.994	-	5.064	.031		Body Flap, Edge
193A	27.265	-	5.092	.0305		
194A	27.639	-	5.106	.031		
368A	26.091	0	9.303	.0305		Vertical Tail
87A	9.799	1.101	7.781	.031		Upper Mid Fuselage (LH)
88A	9.705	0.672	8.431	.026		
89A	9.717	1.709	6.654	.031		
102A	10.806	1.638	8.089	.023		
103A	10.806	0.867	8.523	.015		
122A	13.077	1.684	-	.0252		Upper Mid Fuselage (LH)
124A	13.107	1.128	-	.0308		
125A	13.077	0.868	-	.029		
126A	13.107	0.560	-	.0285		
127A	13.107	0.280	-	.0245		
139A	15.347	1.584	-	.0337		
140A	15.347	0.868	-	.0291		
404A	17.574	1.572	-	.0301		
405A	17.549	1.120	-	.0322		
406A	17.574	0.868	-	.0285		
407A		0.560	-	.0284		
408A		0.280	-	.0260		
410A	19.845	1.572	-	.0334		
155A	22.000	1.572	-	.0307		
156A	22.000	0.868	-	.0264		
157A	22.640	1.582	-	.0305		
158A		1.218	-	.0248		
159A		0.868	-	.0264		
160A		0.308	-	.0306		
36A	22.610	0.014	-	.0278		

*Normal Value; Skin Thickness Not Measured

TABLE VII. 83-Ø MODEL THERMOCOUPLE LOCATIONS

T/C NO.	LOCATION	Z_o (INCHES)	X_o (INCHES)	X/ L			SKIN THICKNESS (INCHES)	
	UPPER RCS NOZZLES							
161		-7.5	315.0	0.0619			0.0265	
162		-7.5	326.7	0.0709			0.0212	
163		-7.5	339.3	0.0807			0.0275	
164		-7.5	357.0	0.0943			0.0292	
165		-7.5	361.5	0.0978			0.0282	
166		-7.5	366.0	0.1013			0.0287	
167		-15.0	315.0	0.0619			0.0303	
168		-15.0	326.7	0.0709			0.0235	
169		-15.0	339.3	0.0807			0.0272	
170		-15.0	357.0	0.0943			0.0280	
171		-15.0	361.5	0.0978			0.0270	
172		-15.0	366.0	0.1013			0.0292	
173		-22.5	339.3	0.0807			0.0299	
174		-22.5	357.0	0.0943			0.0255	
175		-22.5	361.5	0.0978			0.0321	
176		-22.5	366.0	0.1013			0.0305	

TABLE VII. Continued

T/C NO.	LOCATION	RAY	LINE	SKIN THICKNESS (INCHES)	
177	CANOPY	1	4	0.0308	
178		1	6	0.0440	
179		2	6	0.0469	
180		3	3	0.0292	
181		3	4	0.0304	
182		3	5	0.0319	
183		4	1	0.0281	
184			2	0.0306	
185			3	0.0269	
186			4	0.0281	
187			5	0.0298	
188			6	0.0592	
189		5	3	0.0319	
190		5	4	0.0322	
191		5	5	0.0342	
192		6	2	0.0316	
193		6	6	0.0431	
194		7	3	0.0289	
195		7	4	0.0276	
196		7	5	0.0294	
197		8	1	0.0222	
198			2	0.0260	
199			3	0.0301	
200			4	0.0319	

TABLE VII. Continued

T/C NO.	LOCATION	RAY	LINE	SKIN THICKNESS (INCHES)	
201	CANOPY	8	5	0.0316	
202		8	6	0.0283	
203		9	3	0.0278	
204		9	4	0.0348	
205		9	5	0.0349	
206		10	2	0.0297	
207		10	6	0.0300	
208		11	3	0.0301	
209		11	4	0.0308	
210		11	5	0.0299	
211		12	1	0.0272	
212			2	0.0302	
213			3	0.0297	
214			4	0.0314	
215			5	0.0318	
216			6	0.0318	
217			7	0.0319	
218		13	3	0.0309	
219			4	0.0315	
220			5	0.0308	
221		14	1	0.0271	
222			2	0.0276	
223			6	0.0304	

TABLE VII. CONTINUED

T/C NO.	LOCATION	X_o (INCHES)	Y_o (INCHES)	X/L	SKIN THICKNESS (INCHES)
	ESCAPE HATCH & WINDOW				
224		485.0	-7.6	0.1933	0.0233
225		490.0	-7.6	0.1972	0.0268
226		485.0	-18.0	0.1933	0.0236
227		490.0	-18.0	0.1972	0.0328
228		485.0	-30.6	0.1933	0.0288
229		490.0	-30.6	0.1972	0.0288
230		547.9	-10.8	0.2425	0.0314
231		560.0	-10.6	0.2519	0.0324
232		567.0	-11.0	0.2567	0.0303
233		572.0	-11.0	0.2606	0.0340
234		547.5	-23.0	0.2416	0.0305
235		559.5	-23.0	0.2509	0.0305
236		567.0	-23.0	0.2567	0.0328
237		572.0	-23.0	0.2606	0.0315

TABLE VII. Continued

T/C No.	Z_o	X_o	X/L	Skin Thickness
		BOTTOM CENTERLINE		
273		236.25	0.0010	0.0269
274		237.37	0.0018	0.0272
275		240.25	0.0041	0.0277
276		244.00	0.0070	0.0280
277		248.28	0.0103	0.0279
278		254.40	0.0150	0.0283
279		260.75	0.0199	0.0232
280		265.00	0.0232	0.0210
281		269.00	0.0263	0.0190
282		273.63	0.0299	0.0230
283		278.75	0.0338	0.0231
284		284.25	0.0381	0.0230
285		288.50	0.0414	0.0230
286		293.5	0.0452	0.0240
287		300.00	0.0503	0.0230
288		364.330	0.100	0.0280
289		428.995	0.150	0.0300
290		493.660	0.200	0.0260
291		558.325	0.250	0.0273
292		622.990	0.300	0.0275
293		687.655	0.350	0.0261
294		752.320	0.400	0.0276
295		816.985	0.450	0.0292
		MHB LINE		
296		267.333	0.025	0.0292
297		299.665	0.050	0.0268
298		331.998	0.075	0.0270
299		364.330	0.100	0.0278
		MHB LINE		
300		396.663	0.125	0.0252
301		428.995	0.150	0.0280
302		461.3275	0.175	0.0306
303		493.660	0.200	0.0280
304		525.993	0.225	0.0205
305		558.325	0.250	0.0283
306		590.658	0.275	0.0340
307		655.323	0.325	0.0269
308		719.988	0.375	0.0290
309		784.318	0.425	0.0298
310		849.318	0.475	0.0272
311	355.0	493.66	0.200	0.0230
312	↑	525.993	0.225	0.0250
313	↑	558.325	0.250	0.0296
314	↑	590.658	0.275	0.0279
315	↑	622.990	0.300	0.0308
316	↑	655.323	0.325	0.0279
317	↑	687.655	0.350	0.0311
318	↑	719.988	0.375	0.0302
319	↑	752.320	0.400	0.0278
320	↑	784.653	0.425	0.0285
321	↑	816.985	0.450	0.0276
322	355.0	849.318	0.475	0.0260
323	378.0	493.660	0.200	0.0259
324	↑	525.993	0.225	0.0268
325	↑	558.325	0.250	0.0279
326	↑	590.658	0.275	0.0261
327	↑	622.990	0.300	0.0286
328	↑	655.323	0.325	0.0249
329	↑	687.655	0.350	0.0306
330	↑	719.988	0.375	0.0282
331	↑	752.320	0.400	0.0269
332	↑	784.653	0.425	0.0276
333	378.0	816.985	0.450	0.0273
334	400.0	525.993	0.225	0.0255
335	↑	558.325	0.250	0.0289
336	↑	590.658	0.275	0.0262
337	↑	622.990	0.300	0.0308
338	↑	655.323	0.325	0.0269
339	↑	687.655	0.350	0.0302

TABLE VII. Continued

T/C No.	Z_o	X_o	X/L	Skin Thickness
MHB LINE (CONT'D)				
340	400.0	719.988	0.375	0.0300
341	↕	752.320	0.400	0.0279
342	↕	784.653	0.425	0.0270
343	400.0	816.985	0.450	0.0276
344	425.0	655.335	0.325	0.031
345	↕	687.655	0.350	0.030
346	↕	719.988	0.375	0.030
347	↕	752.320	0.400	0.030
348	↕	784.653	0.425	0.032
349	↕	816.985	0.450	0.031
350	425.0	850.600	0.4760	0.033
CCL LINE				
351		299.665	0.050	0.0271
352		331.998	0.075	0.0269
353		364.330	0.100	0.0263
354		396.663	0.125	0.0268
355		428.995	0.150	0.0273
356		461.328	0.175	0.0311
357		493.660	0.200	0.0262
358		590.658	0.275	0.032
359		622.990	0.300	0.0310
360		655.323	0.325	0.030
361		687.655	0.350	0.0305
362		719.988	0.375	0.030
363		752.320	0.400	0.032
364		784.653	0.425	0.032
365		816.985	0.450	0.032
366		850.600	0.4760	0.0315
TOP CENTERLINE				
367		235.000	0.000	0.0263
368		236.000	0.0008	0.0284
369		237.500	0.0019	0.0262
370		239.750	0.0037	0.0273
371		242.500	0.0058	0.0219
372		246.250	0.0087	0.0268
373		250.250	0.0118	0.0293

T/C No.	Z_o	X_o	X/L	Skin Thickness
TOP CENTERLINE (CONT'D)				
374		254.50	0.0151	0.0293
375		258.50	0.0182	0.0306
376		262.75	0.0215	0.0295
377		266.75	0.0246	0.0288
378		271.00	0.0278	0.0261
379		313.75	0.0609	0.0275
380		318.50	0.0646	0.023
381		323.50	0.0684	0.029
382		328.25	0.0721	0.0293
383		333.25	0.0760	0.030
384		338.00	0.0796	0.0312
385		358.00	0.0953	0.0288
386		362.60	0.0989	0.0265
387		366.75	0.1019	0.0275
388		385.00	0.1160	0.0213
389		389.50	0.1195	0.0325
390		394.25	0.1231	0.0353
391		399.00	0.1268	0.0357
392		403.75	0.1305	0.0384
393		408.00	0.1338	0.0379
394		413.00	0.1376	0.0376
395		417.50	0.1411	0.0335
396		422.25	0.1448	0.0332
397		426 75	0.1483	0.0332
398		431.50	0.1519	0.0315
399		436.25	0.1556	0.0299
400		439.63	0.1582	0.0302
401		443.00	0.1608	0.0290
402		446.50	0.1635	0.0279
403		450.25	0.1664	0.0272
404		453.75	0.1691	0.0271
405		457.50	0.1720	0.0271
406		461.00	0.1748	0.0271
407		463.75	0.1769	0.0289
408		466.75	0.1800	0.0328
409		471.75	0.1831	0.0322
410		476.00	0.1863	0.0322
411		480.00	0.1894	0.0336
412		474.75	0.1931	0.0312

TABLE VII Continued

T/C NO.	LOCATION	Z_o (INCHES)	X_o (INCHES)	X/L		θ (DEGREES)	SKIN THICKNESS (INCHES)	
413	TOP CENTERLINE		490.00	0.1972			0.0300	
414			500.00	0.2049			0.0300	
415			525.993	0.2250			0.0221	
416			558.325	0.250			0.0262	
417			590.658	.275			0.0330	
418			622.990	.300			0.0350	
419			655.383	.325			0.0330	
420			687.655	.350			0.0322	
421			719.988	.375			0.0329	
422			752.320	.400			0.0328	
423			784.652	.425			0.0316	
424			816.985	.450			0.0335	
425			849.318	.475			0.034	
426	PILOT RIGHT (Cross		270	.027		350	0.0206	
427	Section)					343	0.0219	
428						335	0.0239	
429						324	0.0259	
430						320	0.0279	
431						310	0.0285	
432						303	0.0288	
433						295	0.0288	
434						287.5	0.0292	
435						280	0,0293	
436						273	0.0295	
437			300	.050		352.5	0.025	
438						347	0.0258	
439						339	0.0249	
440						334	0.024	

TABLE VII. Continued

T/C NO.	LOCATION	Z_o (INCHES)	X_o (INCHES)	X/L		θ (DEGREES)	SKIN THICKNESS (INCHES)	
441	PILOT RIGHT (Cross Section)		300	.050		327.5	0.024	
442						321.5	0.028	
443						318	0.0283	
444						311	0.0270	
445						306	0.026	
446						300	0.0245	
447						295	0.0225	
448						289	0.0278	
449						284	0.0258	
450						274	0.0190	
451			500	.2049		355	0.025	
452						351	0.023	
453						346	0.023	
454						342	0.023	
455						338	0.023	
456						333	0.023	
457						330	0.023	
458						326	0.024	
459						322	0.026	
460						320	0.026	
461						317	0.027	
462						313.5	0.027	
463						310.5	0.026	
464						307	0.025	
465						305	0.0263	
466						303	0.027	
467						300.5	0.0265	
468						298	0.025	

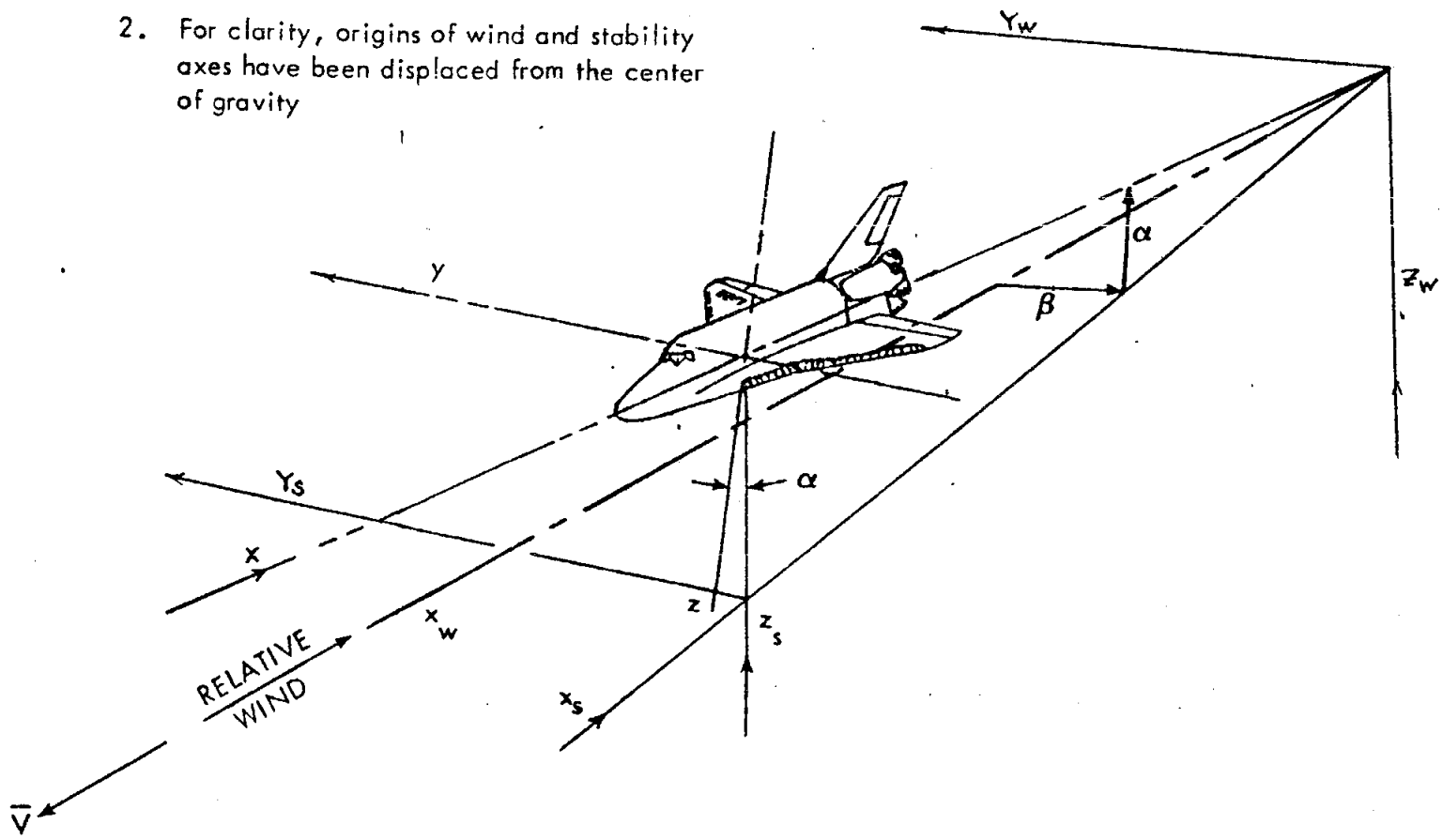
TABLE VII. Concluded

T/C NO.	LOCATION	z_o (INCHES)	X_o (INCHES)	X/L		θ (DEGREES)	SKIN THICKNESS (INCHES)	
469	PILOT RIGHT (Cross		500	.2049		295	0.028	
470	Section)		↓	↓		292	0.023	
471						290	0.023	
472						287	0.021	
473						284	0.0275	
474						278	0.023	
475						275.5	0.023	
476						273	0.024	
477			↓	↓		270	0.0253	
501			260.75	.0200		348.5	0.022	
502			↓	↓		338.2	0.021	
503						328.7	0.025	
504						320.5	0.028	
505						312.3	0.027	
506						303.5	0.025	
507						296.5	0.021	
508						287	0.019	
509						278.6	0.023	
510						270.0	0.023	
511	↓		↓	↓		262	0.026	

Notes:

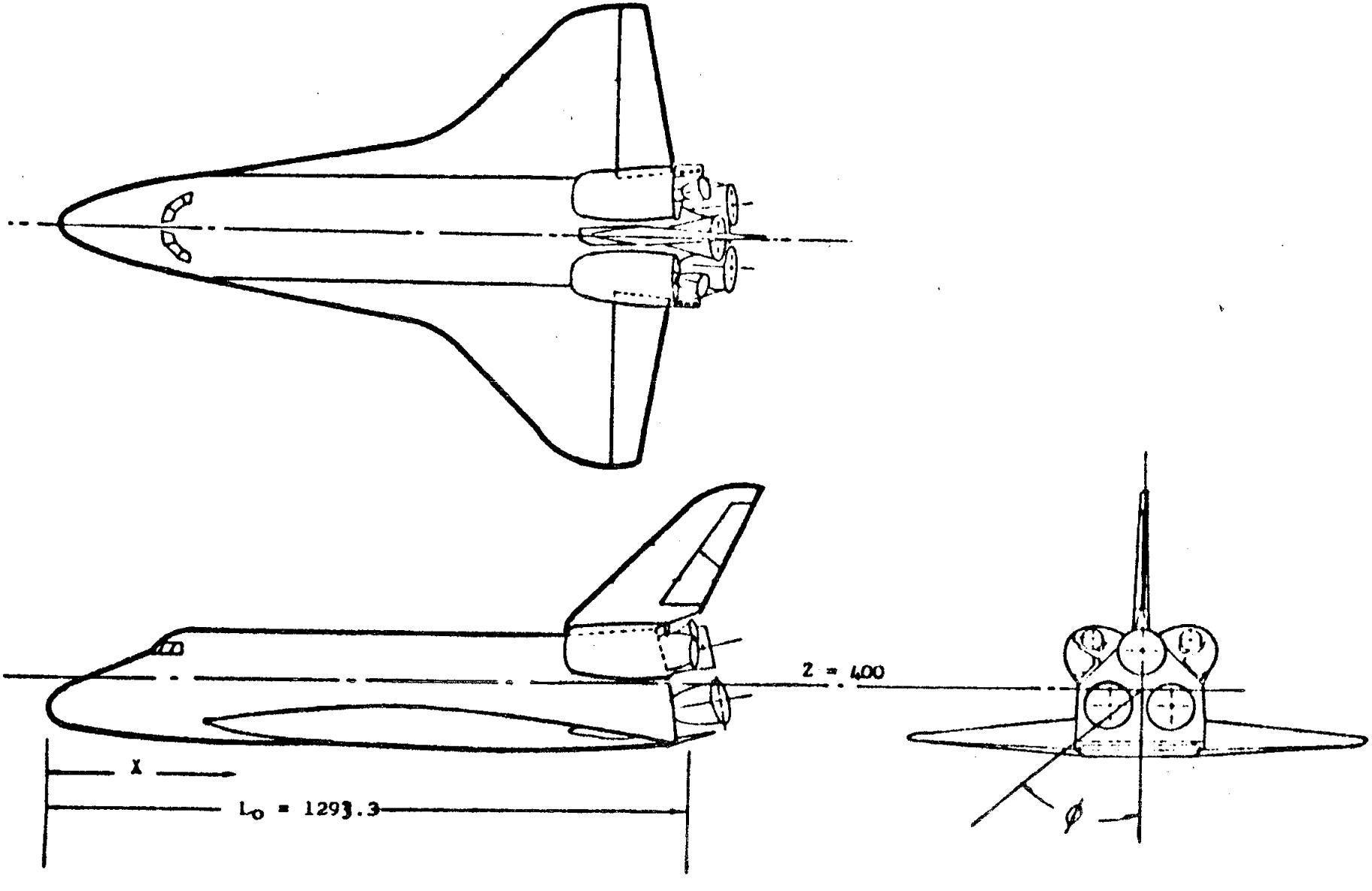
1. Positive directions of angles are indicated by arrows

2. For clarity, origins of wind and stability axes have been displaced from the center of gravity



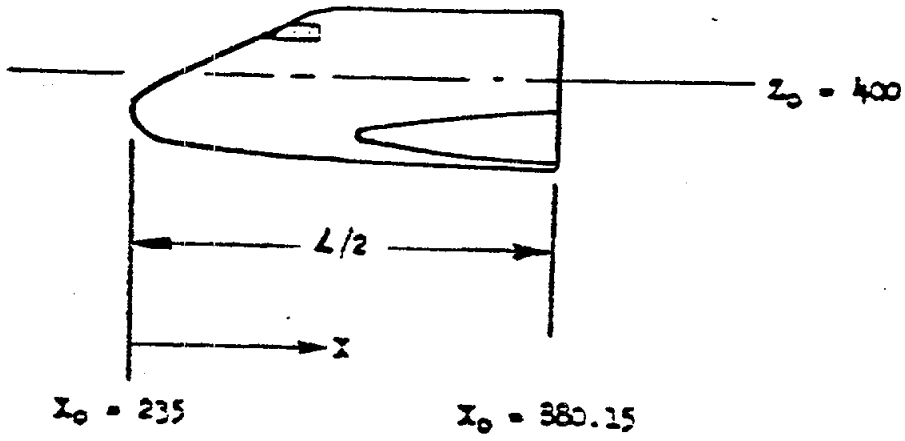
a. Orbiter Axis System

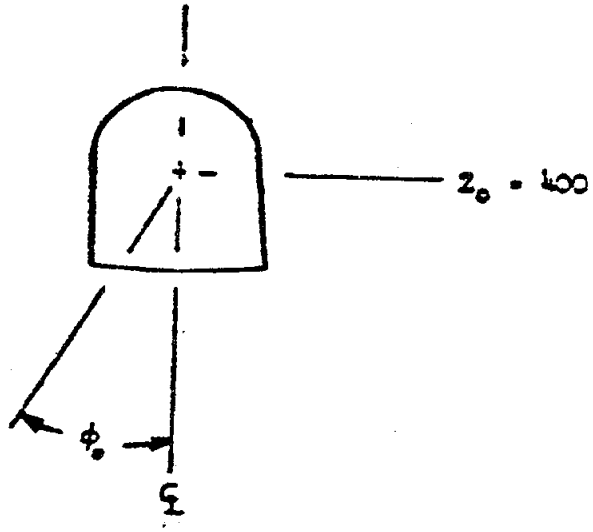
Figure 1. Axis and Coordinate Systems



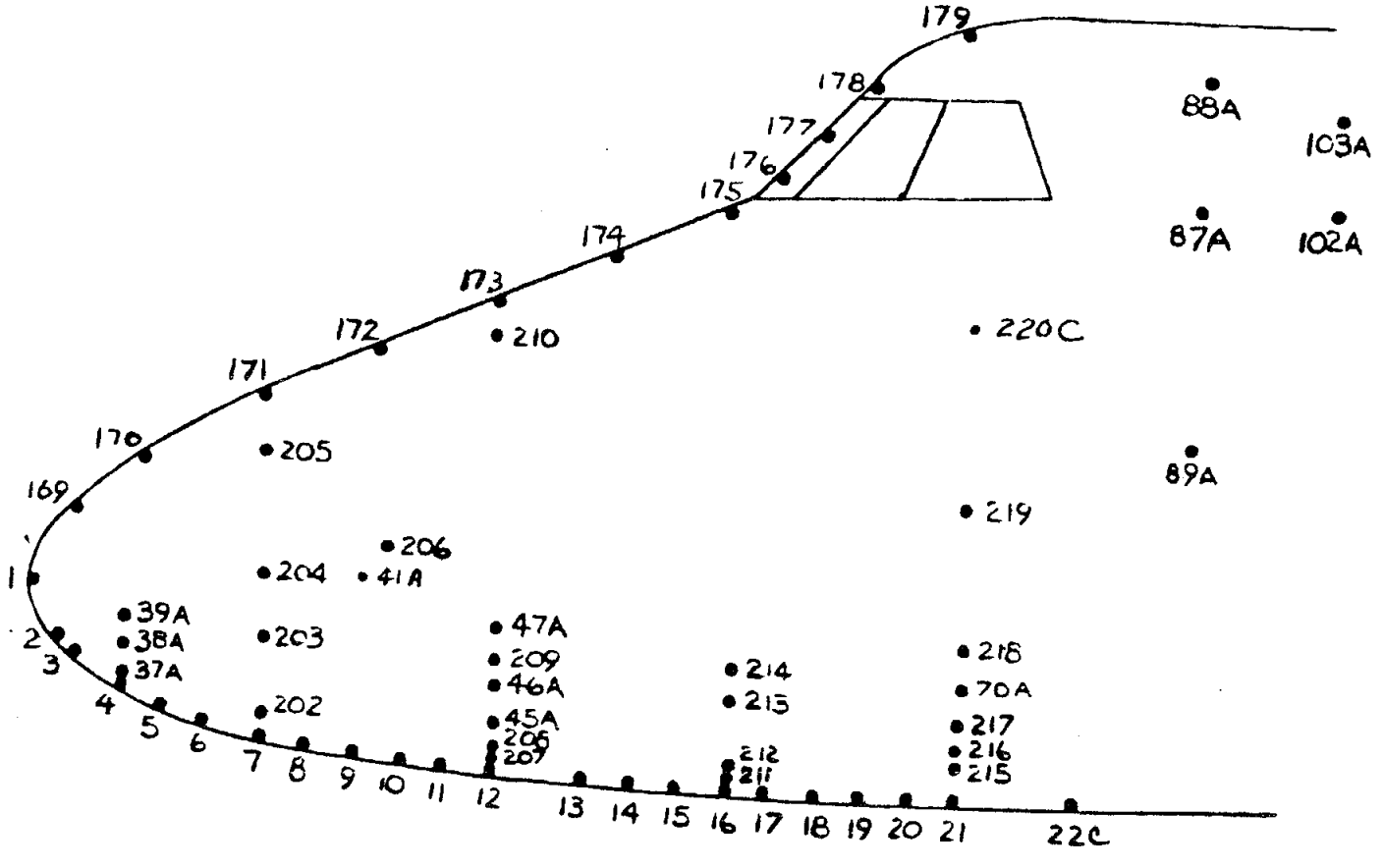
b. Model 60-Ø Instrumentation Location System

Figure 1. (Continued)



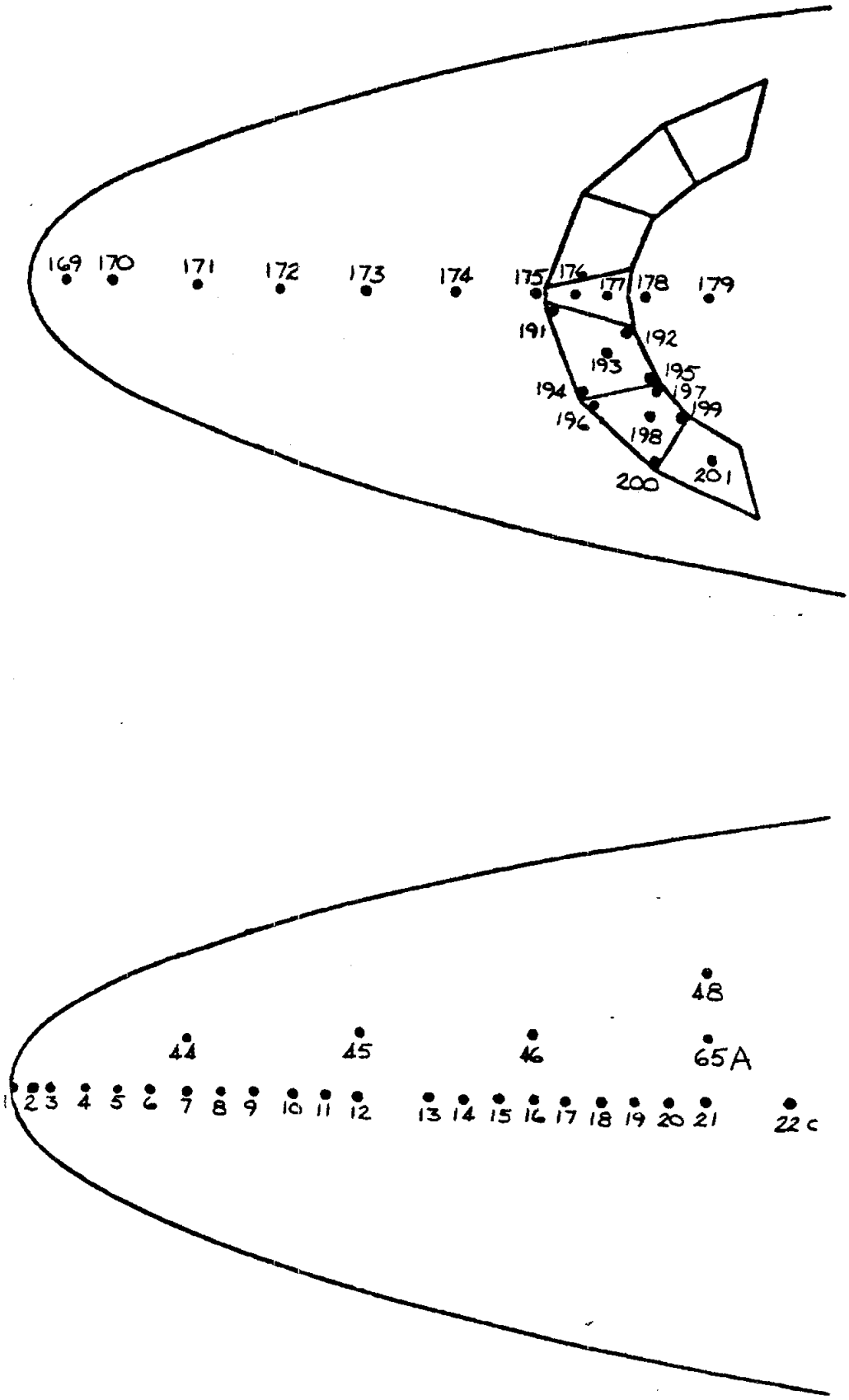


c. Model 83-Ø Instrumentation Location System
Figure 1. (Concluded)



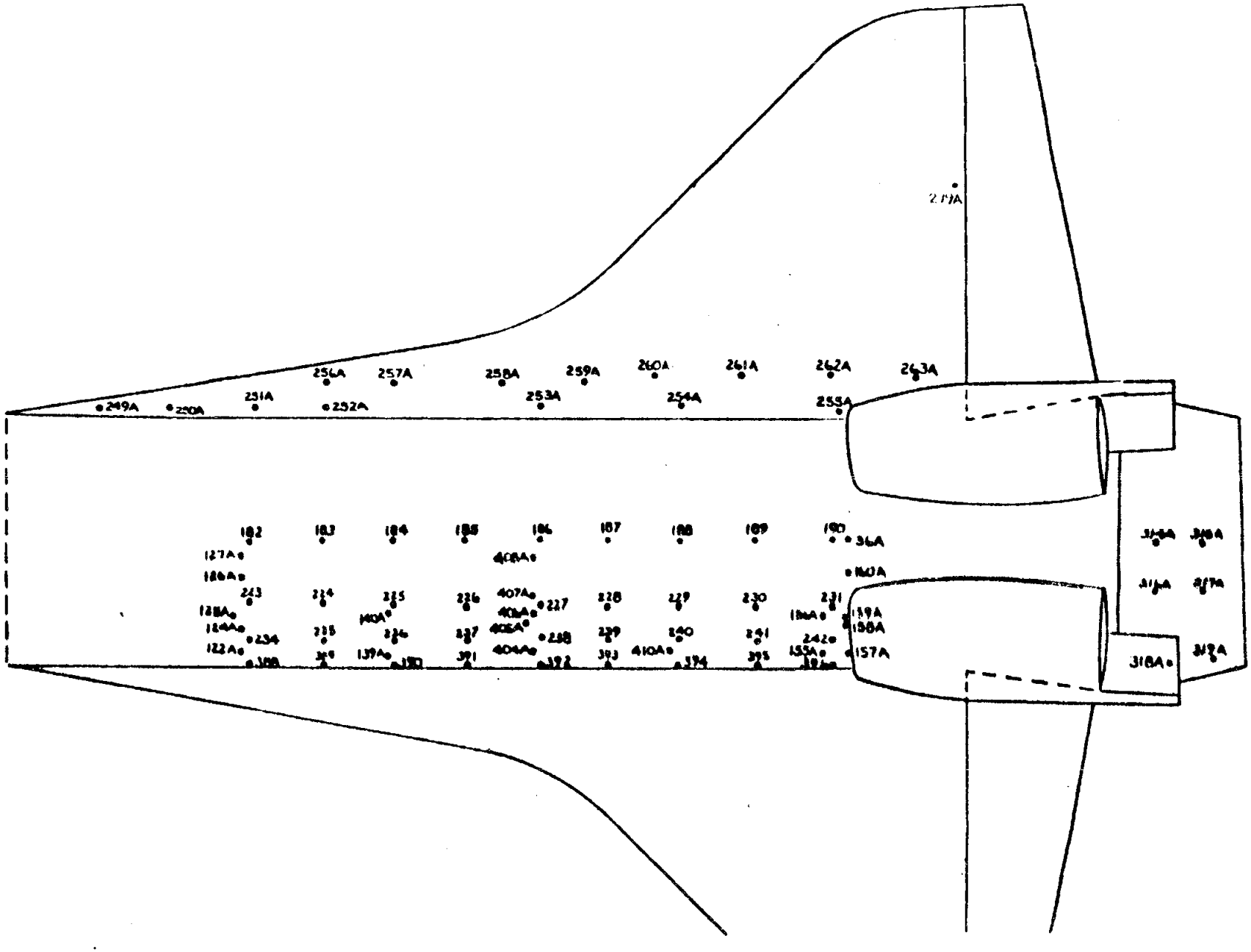
a. Nose-Left Side

Figure 2. Model 60-Ø Thermocouple Locations



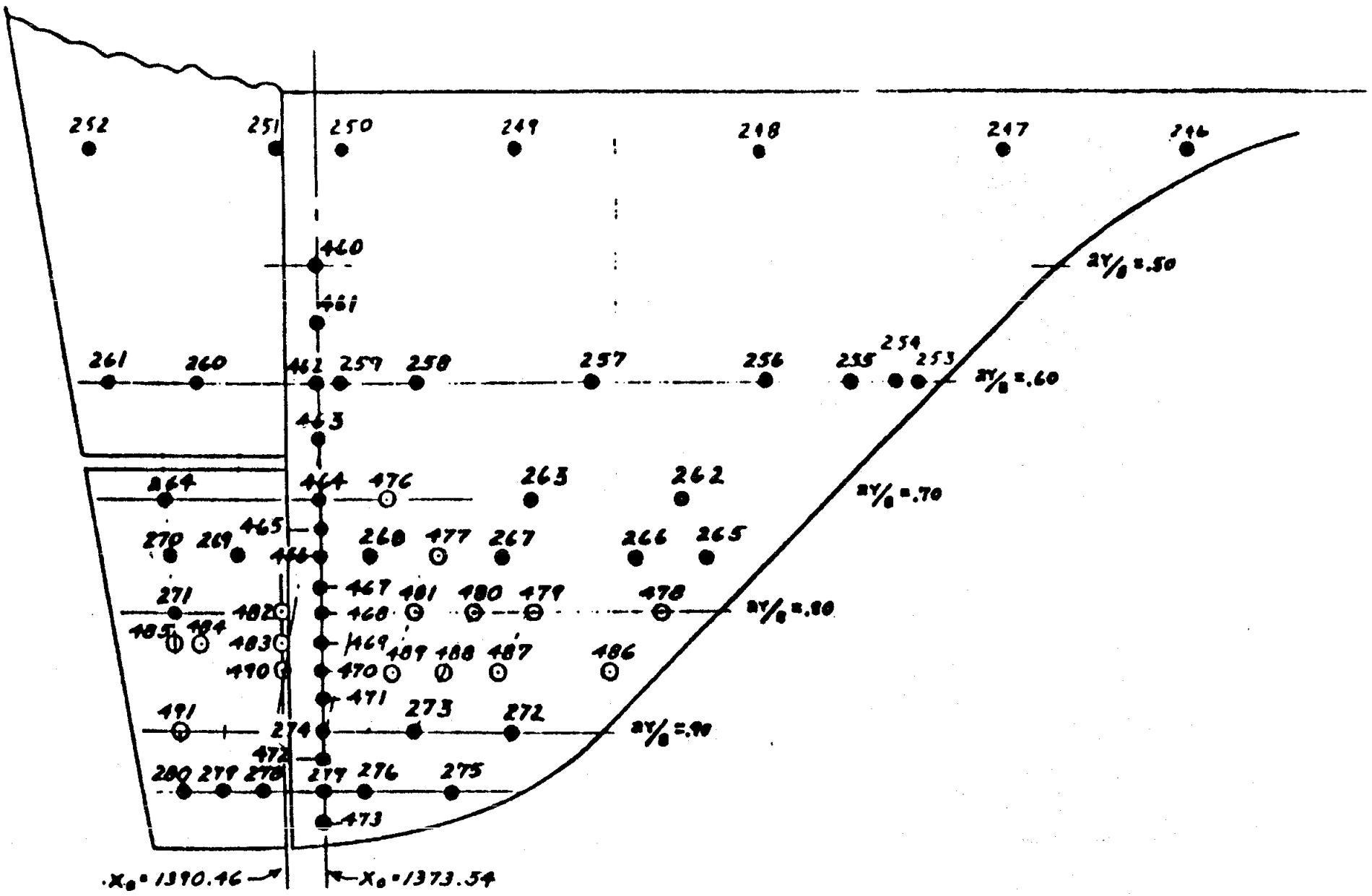
b. Nose-Top & Bottom

Figure 2. (Continued)



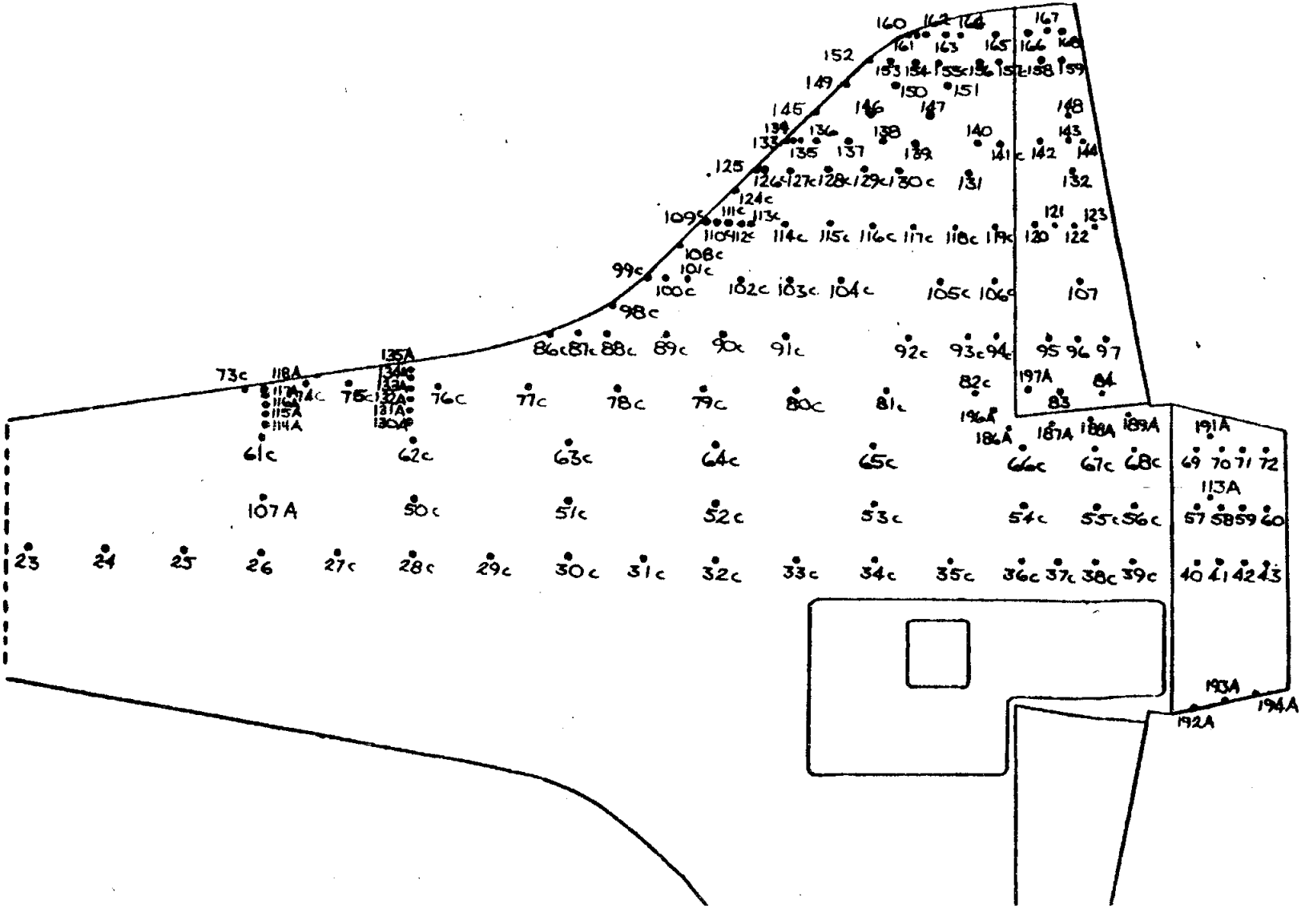
c. Upper Fuselage, Wing, Bodyflap

Figure 2. (Continued)



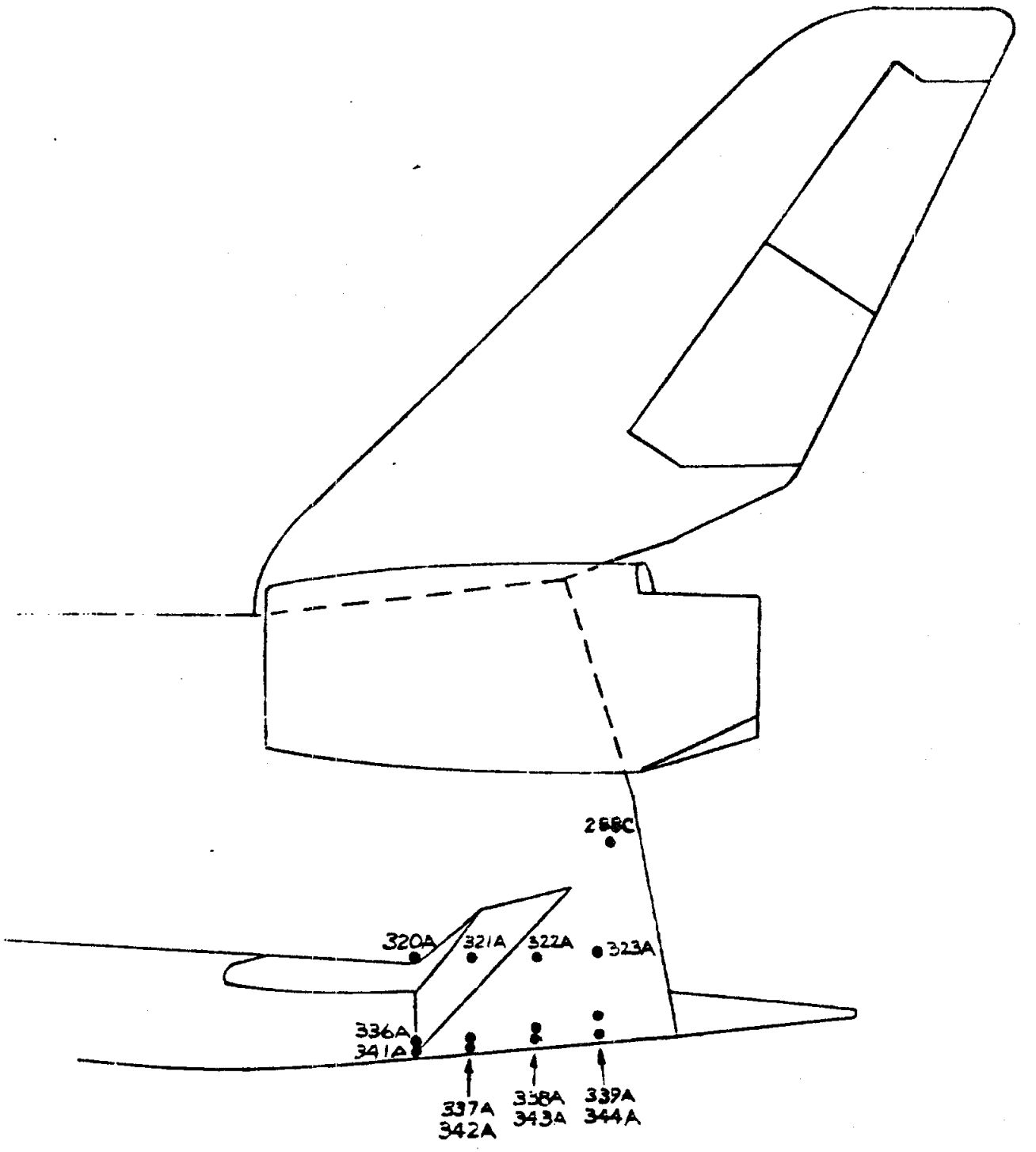
d. Right Wing Upper Surface

Figure 2. (Continued)



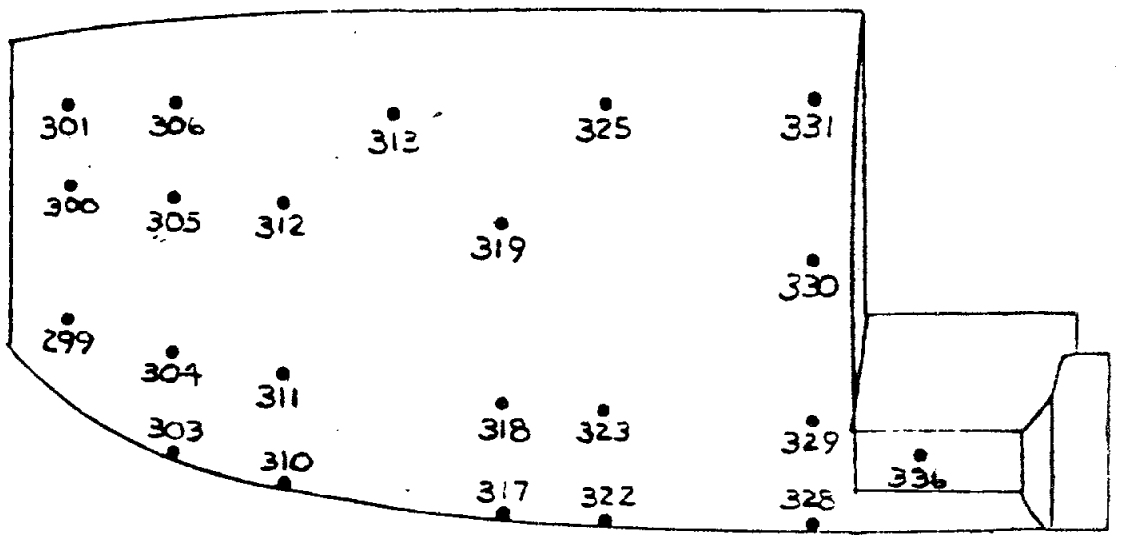
e. Lower Fuselage and Left Wing

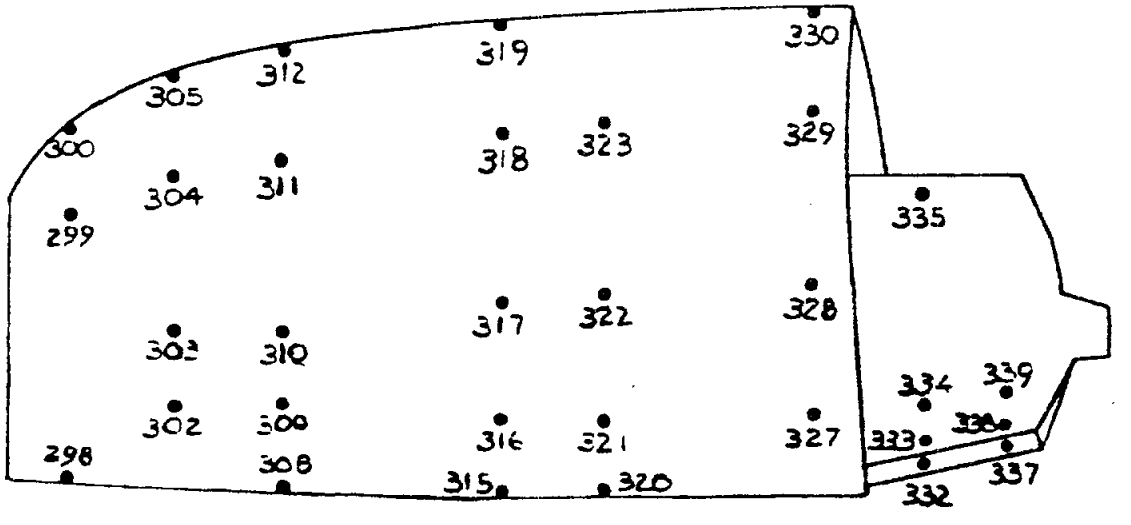
Figure 2. (Continued)



f. Aft Fuselage Side

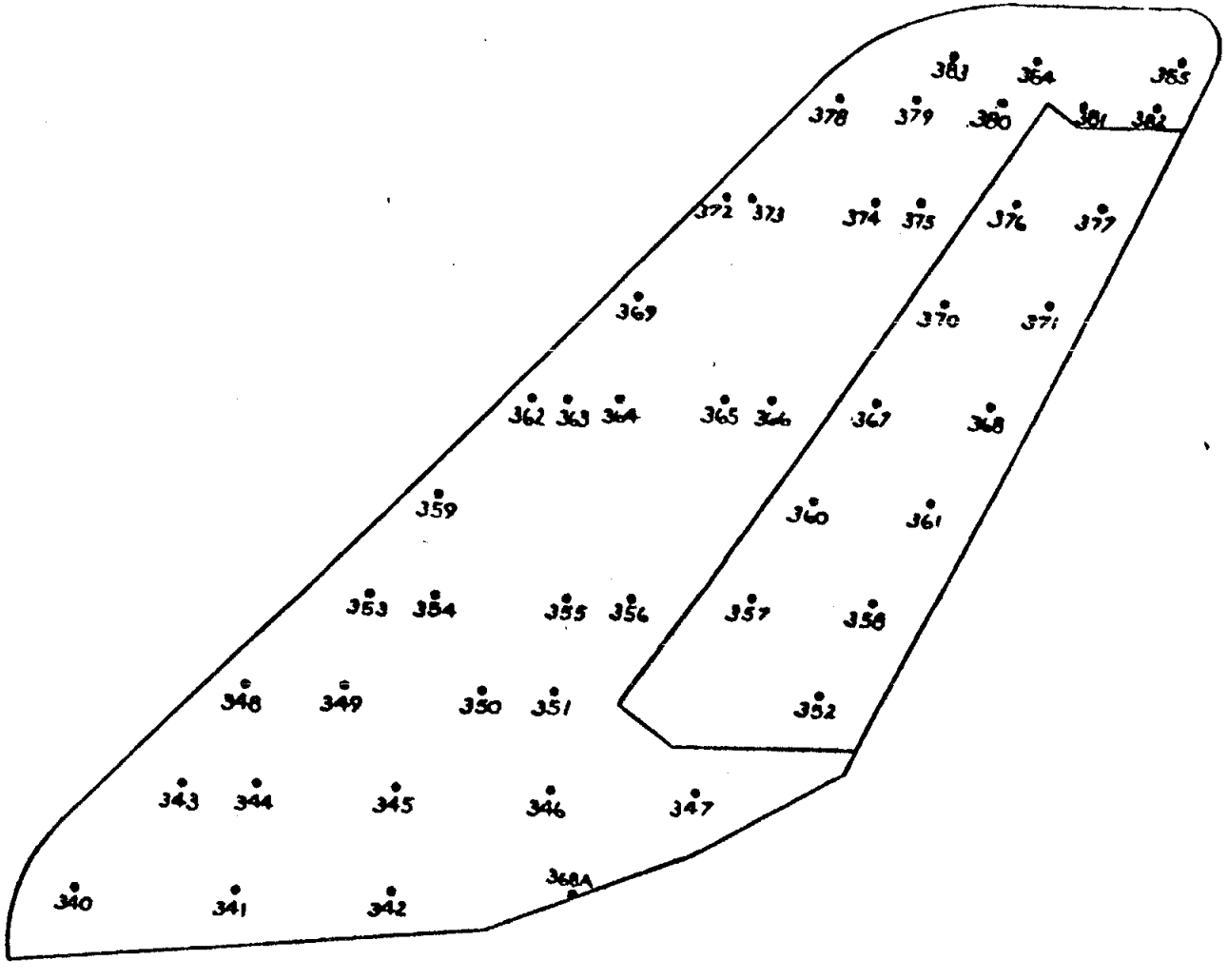
Figure 2. (Continued)





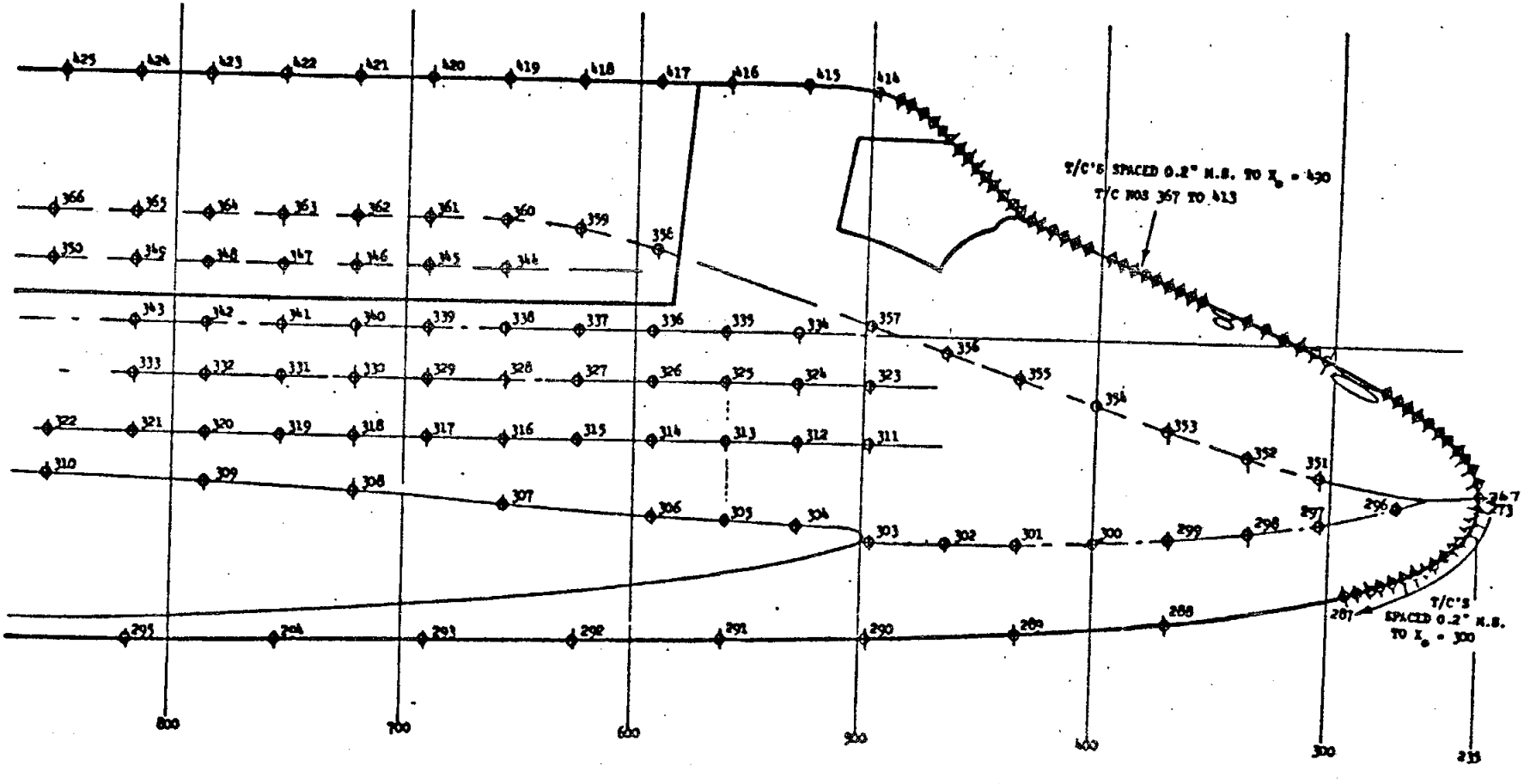
g. OMS Pod

Figure 2. (Continued)



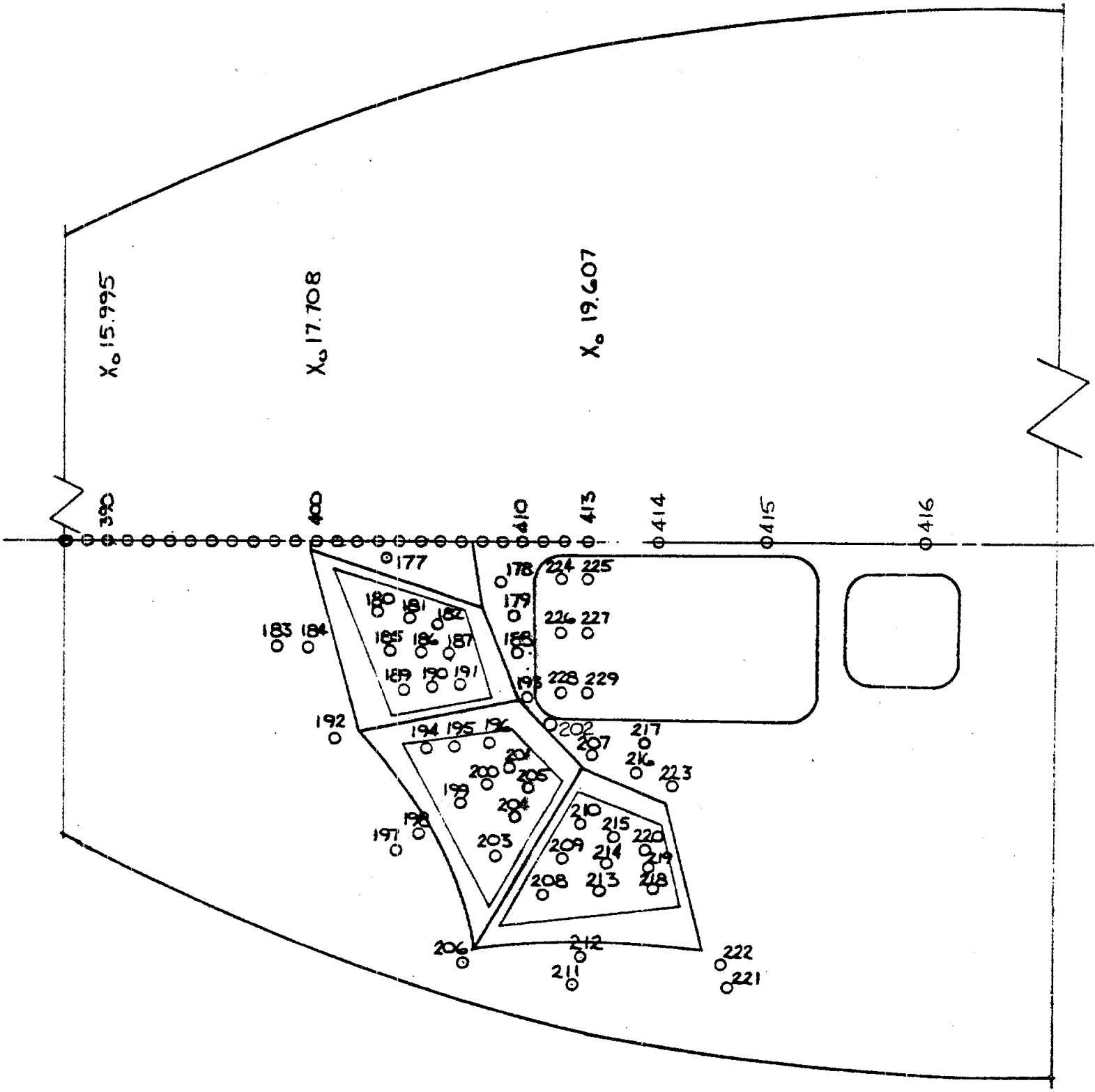
h. Vertical Tail

Figure 2. (Concluded)



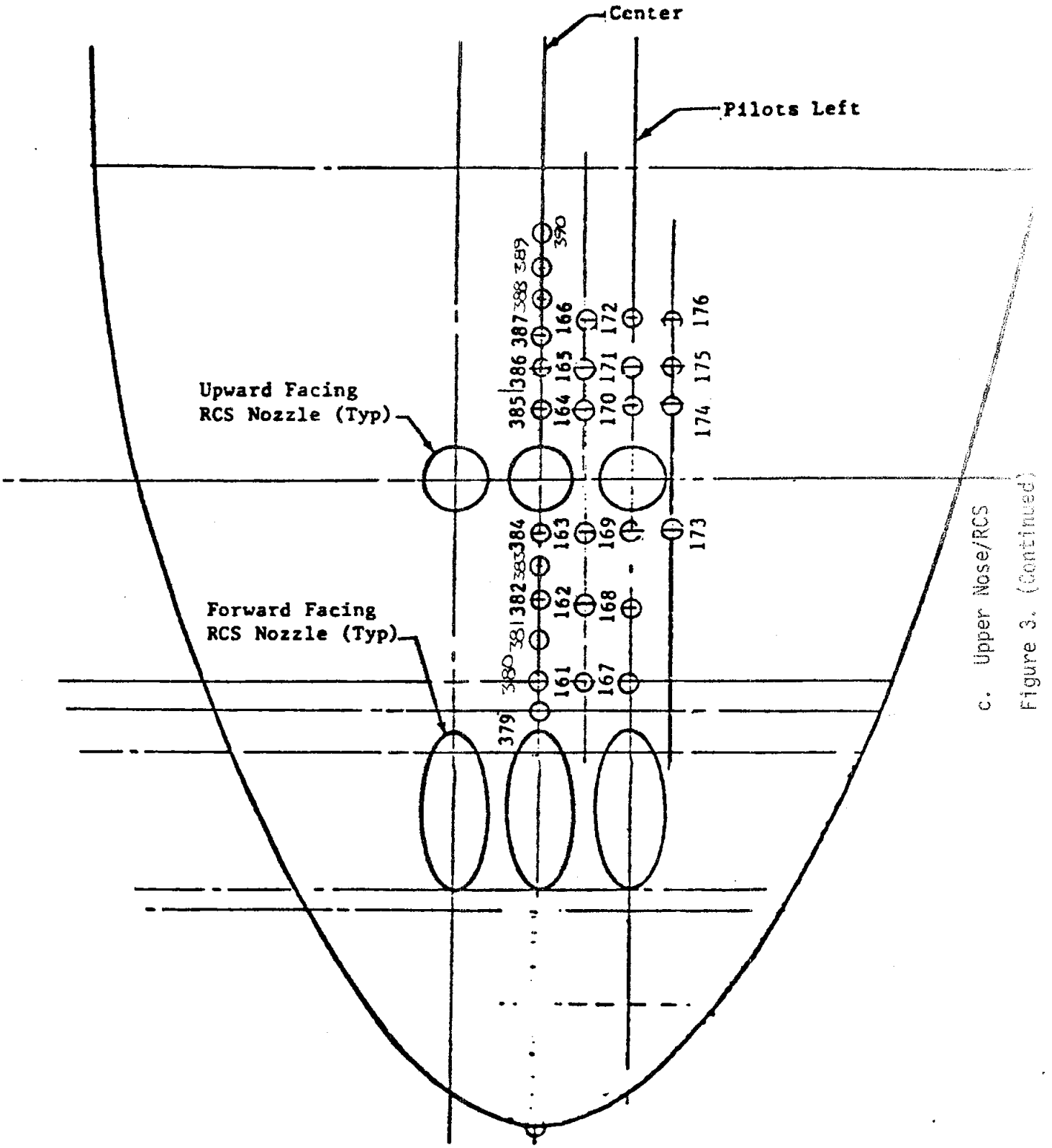
a. Nose and Fuselage Side

Figure 3. Model 83-Ø Thermocouple Locations



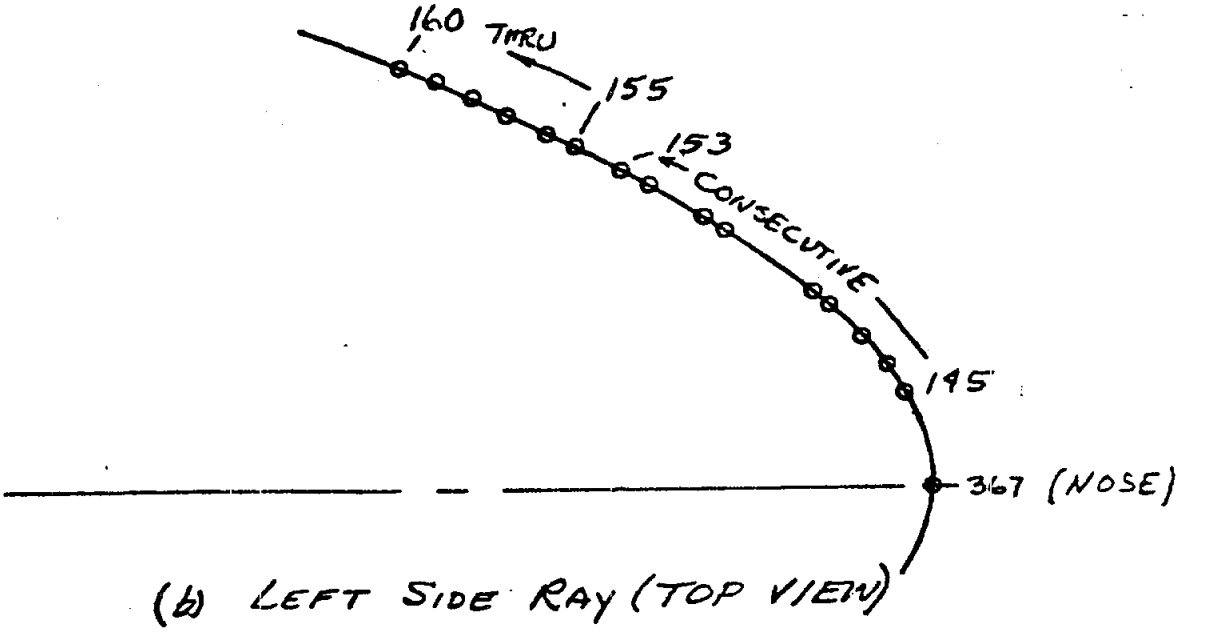
b. Canopy

Figure 3. (Continued)

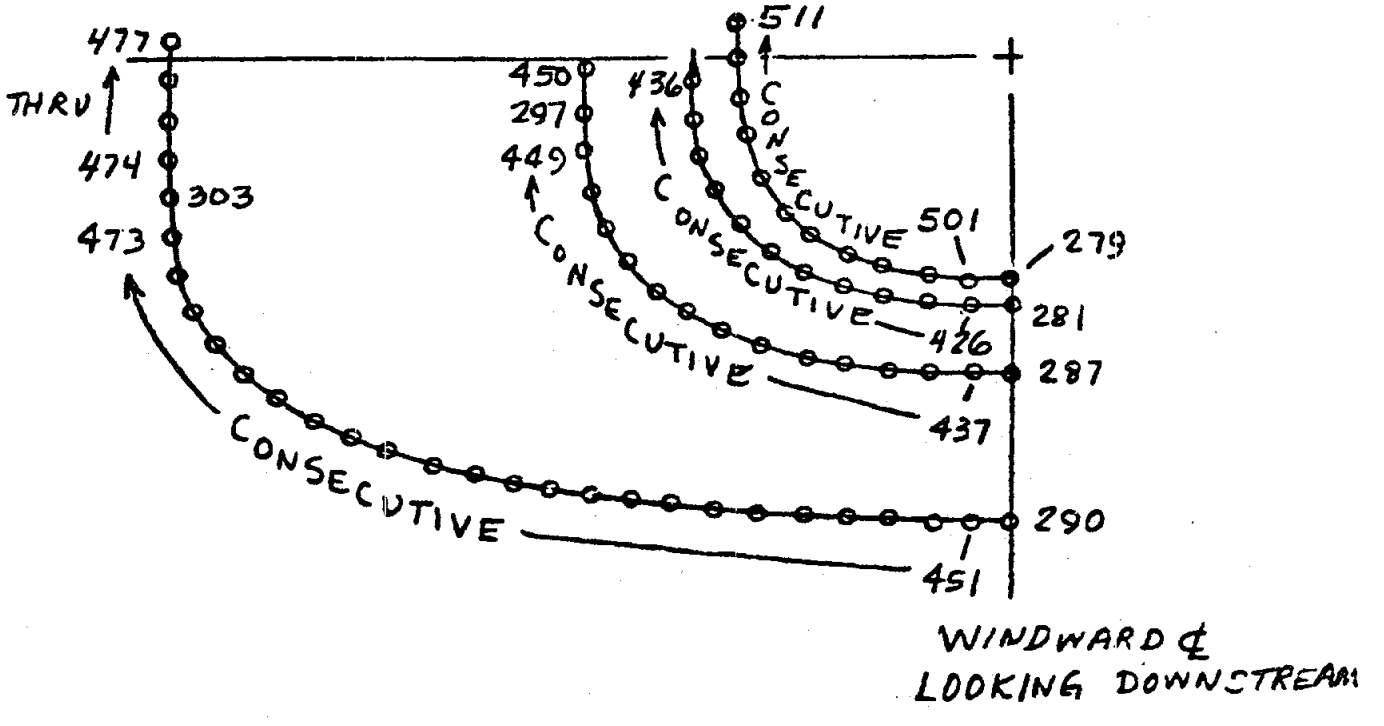


c. Upper Nose/RCS

Figure 3. (Continued)



(b) LEFT SIDE RAY (TOP VIEW)



d. Lower Nose

Figure 3. (Concluded)

APPENDIX A

Tabulated Source Data - OH84C

DATASET NAME	DESCRIPTION	APPENDIX PAGE
R3QA01-A14	60-Ø Fuselage	1-34
R3QB07-B14	60-Ø Fuselage	35-42
R3QC01-C14	60-Ø Fuselage	43-55
R3QD07-D14	60-Ø Lower Nose	56-63
R3QE07-E14	60-Ø Lower Nose	64-71
R3QF07-F14	60-Ø Lower Mid Fuselage	72-79
R3QG07-G14	60-Ø Lower Aft Fuselage	80-87
R3QI07-I14	60-Ø Aft Fuselage & Elevon Split Line	88-95
R3QJ07-J14	60-Ø Upper RH Wing	96-103
R3QK07-K14	60-Ø Lower Bodyflap	104-111
R3QL07-L14	60-Ø Bodyflap Edge	112-119
R3QM07-M14	60-Ø Vertical Tail	120-127
R3QN07-N14	60-Ø Upper Mid Fuselage	128-135
R3QØ01-Ø14	60-Ø Upper RH Wing	136-149
R3QP01-P14	60-Ø Wing Miscellaneous	150-163
R3QQ01-Q14	60-Ø Wing Lower Surface	164-185
R3QR01-R14	60-Ø Wing Upper Surface	186-199
R3QS01-S18	60-Ø OMS Pod	200-234
R3QT01-T18	60-Ø Vertical Tail	235-268
R3QU07-U14	60-Ø Speedbrake Cavity	269-275
R3QW07-W14	60-Ø Windows	276-282

OH84C 60-0 FUSELAGE (R3QA01)

FUSELAGE

PARAMETRIC DATA

MACH = 5.300 ALPHA = 20.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
129	20.00	-3.000	5.300	3.548	377.5	1540.	380.0	.4903	239.3	.1719-03	4019.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
129	.0000	.3147

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
129	10.000	.10000+00	45.000	.1001	.1184	.1303	77.26	7.733	.3534	559.7	.1675-02
129	20.000	.10000+00	207.00	.2170	.2567	.2826	77.29	16.77	.3532	559.3	.3632-02
129	20.000	.15000	211.00	.1645	.1945	.2140	77.45	12.74	.3519	557.3	.2751-02
129	24.000	.20000	48.000	.1670	.1975	.2173	77.48	12.94	.3515	556.9	.2794-02
129	25.500	.15000	212.00	.2089	.2471	.2719	77.40	16.17	.3523	557.9	.3495-02
129	31.500	.20000	215.00	.1606	.1899	.2090	77.50	12.45	.3515	556.6	.2687-02
129	35.000	.20000	216.00	.1617	.1912	.2104	77.48	12.53	.3517	556.9	.2705-02
129	40.000	.20000	217.00	.1422	.1682	.1850	77.49	11.02	.3516	556.7	.2379-02
129	42.500	.50000-01	204.00	.1112	.1316	.1449	76.93	8.553	.3560	563.9	.1862-02
129	45.500	.15000	214.00	.9543-01	.1128	.1241	77.67	7.412	.3501	554.5	.1596-02
129	60.000	.50000-01	205.00	.6415-01	.7594-01	.8363-01	76.94	4.936	.3560	563.7	.1074-02
129	114.00	.40000	388.00	.3832-01	.4538-01	.4998-01	76.83	2.944	.3569	565.2	.6418-03
129	114.00	.70000	394.00	.5166-01	.6108-01	.6722-01	77.44	4.000	.3520	557.4	.8642-03
129	157.50	.40000	223.00	.3724-02	.4402-02	.4843-02	77.60	.2890	.3507	555.4	.6228-04
129	157.50	.50000	225.00	.4780-02	.5650-02	.6216-02	77.61	.3710	.3506	555.2	.7994-04
129	157.50	.70000	229.00	.8554-02	.1011-01	.1113-01	77.53	.6632	.3513	556.3	.1431-03
129	157.50	.80000	231.00	.1405-03	.1657-03	.1821-03	78.51	.1103-01	.3434	543.8	.2346-05
129	180.00	.50000	184.00	.2144-01	.2534-01	.2782-01	77.59	1.663	.3507	555.5	.3585-03
129	180.00	.60000	185.00	.1968-01	.2327-01	.2561-01	77.49	1.525	.3516	556.7	.3292-03
129	180.00	.70000	188.00	.4825-03	.5689-03	.6249-03	78.69	.3797-01	.3420	541.5	.8054-05
129	180.00	.80000	190.00	.1853-01	.2184-01	.2414-01	77.43	1.436	.3521	557.5	.3103-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 FUSELAGE

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
129	315.00	.50000	236.00	.2966-02	.3506-02	.3858-02	77.52	.2299	.3513	556.4	.4960-04
129	315.00	.80000	242.00	.1216-01	.1438-01	.1582-01	77.39	.9411	.3524	558.0	.2034-03

FUSELAGE

PARAMETRIC DATA

MACH = 5.300 ALPHA = 25.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
130	25.00	-3.000	5.300	3.747	379.3	1494.	367.9	.4944	231.7	.1791-03	3954.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
130	.0000	.3151

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
130	10.000	.10000+00	45.000	.1266	.1502	.1656	73.80	9.343	.3628	556.2	.2075-02
130	20.000	.10000+00	207.00	.2816	.3340	.3683	73.82	20.79	.3626	555.8	.4616-02
130	20.000	.15000	211.00	.1995	.2365	.2607	74.05	14.77	.3607	553.0	.3269-02
130	24.000	.20000	48.000	.2118	.2510	.2786	74.13	15.70	.3600	551.9	.3469-02
130	25.500	.15000	212.00	.2596	.3078	.3393	73.99	19.21	.3612	553.7	.4254-02
130	31.500	.20000	215.00	.2004	.2375	.2618	74.14	14.86	.3599	551.8	.3283-02
130	35.000	.20000	216.00	.2017	.2390	.2634	74.16	14.96	.3597	551.5	.3303-02
130	40.000	.20000	217.00	.1781	.2111	.2326	74.21	13.22	.3594	551.0	.2918-02
130	42.500	.50000-01	204.00	.1106	.1313	.1448	73.41	8.117	.3660	561.1	.1814-02
130	45.500	.15000	214.00	.1509	.1787	.1969	74.34	11.22	.3583	549.3	.2471-02
130	60.000	.50000-01	205.00	.5190-01	.6162-01	.6798-01	73.43	3.811	.3658	560.8	.8514-03
130	114.00	.40000	388.00	.3699-01	.4385-01	.4832-01	74.13	2.743	.3600	551.9	.6060-03
130	114.00	.70000	394.00	.4870-01	.5774-01	.6365-01	73.99	3.604	.3612	553.7	.7980-03
130	157.50	.40000	223.00	.6046-02	.7161-02	.7889-02	74.37	.4496	.3580	548.9	.9899-04
130	157.50	.50000	225.00	.3328-02	.3942-02	.4343-02	74.35	.2474	.3582	549.2	.5449-04
130	157.50	.70000	229.00	.1172-01	.1389-01	.1531-01	74.23	.8703	.3592	550.7	.1920-03
130	157.50	.80000	231.00	.6404-03	.7575-03	.8338-03	74.97	.4801-01	.3531	541.3	.1048-04
130	180.00	.50000	184.00	.2059-01	.2438-01	.2686-01	74.36	1.531	.3581	549.0	.3371-03
130	180.00	.60000	186.00	.1888-01	.2237-01	.2465-01	74.22	1.401	.3593	550.8	.3092-03
130	180.00	.70000	188.00	.1550-02	.1832-02	.2016-02	75.19	.1165	.3513	538.6	.2534-04
130	180.00	.80000	190.00	.1840-01	.2181-01	.2404-01	74.07	1.363	.3605	552.7	.3015-03

OH84C 60-0 FUSELAGE (R3QA02)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
130	315.00	.50000	236.00	.3670-02	.4349-02	.4792-02	74.17	.2722	.3597	551.4	.6011-04
130	315.00	.80000	242.00	.1738-01	.2061-01	.2272-01	73.96	1.285	.3614	554.1	.2848-03

FUSELAGE

PARAMETRIC DATA

MACH = 5.300 ALPHA = 30.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
131	30.00	-3.000	5.300	3.674	376.4	1505.	370.7	.4901	233.4	.1762-03	3969.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
131	.0000	.3139

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
131	10.000	.10000+00	45.000	.1306	.1547	.1704	74.61	9.742	.3584	553.7	.2157-02
131	20.000	.10000+00	207.00	.1946	.2187	.2409	74.63	13.78	.3582	553.4	.3049-02
131	20.000	.15000	211.00	.1126	.1333	.1468	74.81	8.421	.3568	551.2	.1859-02
131	24.000	.20000	48.000	.6215-01	.9726-01	.1071	74.87	6.151	.3563	550.4	.1356-02
131	25.500	.15000	212.00	.1247	.1477	.1627	74.75	9.324	.3573	551.9	.2060-02
131	31.500	.20000	215.00	.8868-01	.1050	.1156	74.88	6.640	.3562	550.3	.1464-02
131	35.000	.20000	216.00	.9768-01	.1156	.1273	74.90	7.316	.3560	550.0	.1613-02
131	40.000	.20000	217.00	.9026-01	.1068	.1177	74.94	6.764	.3557	549.5	.1490-02
131	42.500	.50000-01	204.00	.1042	.1235	.1361	74.33	7.744	.3607	557.3	.1722-02
131	45.500	.15000	214.00	.9904-01	.1173	.1292	74.80	7.408	.3568	551.3	.1635-02
131	60.000	.50000-01	205.00	.4119-01	.4882-01	.5381-01	74.34	3.062	.3606	557.1	.6907-03
131	114.00	.40000	388.00	.6264-01	.7416-01	.8167-01	74.90	4.692	.3561	550.1	.1034-02
131	114.00	.70000	394.00	.4658-01	.5517-01	.6078-01	74.64	3.477	.3582	553.3	.7693-03
131	157.50	.40000	223.00	.2802-02	.3316-02	.3651-02	75.04	.2102	.3549	548.2	.4624-04
131	157.50	.70000	229.00	.8774-02	.1039-01	.1144-01	74.88	.6570	.3562	550.3	.1449-03
131	157.50	.80000	231.00	.7970-03	.9415-03	.1035-02	75.83	.6043-01	.3484	538.2	.1314-04
131	180.00	.50000	184.00	.1365-01	.1615-01	.1778-01	75.02	1.024	.3550	548.5	.2252-03
131	180.00	.70000	188.00	.6802-03	.8033-03	.8832-03	75.97	.5167-01	.3472	536.4	.1121-04
131	180.00	.80000	190.00	.1657-01	.1962-01	.2162-01	74.68	1.237	.3579	552.8	.2737-03
131	315.00	.50000	236.00	.5830-02	.6902-02	.7601-02	74.87	.4365	.3563	550.4	.9626-04
131	315.00	.80000	242.00	.1970-01	.2334-01	.2572-01	74.57	1.469	.3587	554.2	.3255-03

OH84C 60-0 FUSELAGE (R3QA04)

FUSELAGE

PARAMETRIC DATA

MACH = 5.300 ALPHA = 30.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE .
126	30.00	.0000	5.300	3.990	376.7	1431.	351.3	.4931	221.2	.1870-03	3864.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
126	.0000	.3132

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
126	10.000	.10000+00	45.000	.2329	.2766	.3090	66.98	15.60	.3905	571.8	.3749-02
126	20.000	.10000+00	207.00	.2339	.2798	.3102	67.01	15.67	.3903	571.4	.3764-02
126	20.000	.15000	211.00	.2049	.2449	.2715	67.17	13.76	.3888	569.3	.3296-02
126	25.500	.15000	212.00	.1544	.1846	.2047	67.11	10.36	.3894	570.1	.2484-02
126	31.500	.20000	215.00	.1283	.1534	.1701	67.06	8.603	.3898	570.7	.2064-02
126	35.000	.20000	216.00	.1134	.1356	.1503	67.21	7.623	.3885	568.8	.1824-02
126	40.000	.20000	217.00	.1026	.1226	.1359	67.23	6.898	.3883	568.5	.1650-02
126	42.500	.50000-01	204.00	.1005	.1203	.1335	66.77	6.712	.3923	574.4	.1619-02
126	45.500	.15000	214.00	.1266	.1514	.1678	67.24	8.514	.3882	568.5	.2037-02
126	60.000	.50000-01	205.00	.3964-01	.4745-01	.5263-01	66.76	2.646	.3924	574.6	.6383-03
126	114.00	.70000	394.00	.5656-01	.6764-01	.7499-01	67.07	3.794	.3897	570.5	.9101-03
126	157.50	.40000	223.00	.5611-02	.6703-02	.7427-02	67.42	.3782	.3866	566.1	.9021-04
126	157.50	.50000	225.00	.6475-02	.7739-02	.8576-02	67.31	.4359	.3876	567.5	.1041-03
126	157.50	.70000	229.00	.1062-01	.1269-01	.1406-01	67.32	.7147	.3875	567.4	.1707-03
126	180.00	.70000	168.00	.1868-02	.2221-02	.2453-02	69.16	.1292	.3714	543.8	.2992-04
126	180.00	.80000	190.00	.1566-01	.1872-01	.2074-01	67.32	1.054	.3875	567.4	.2519-03
126	315.00	.50000	236.00	.9367-02	.1120-01	.1242-01	67.15	.6290	.3890	569.6	.1507-03
126	315.00	.70000	240.00	.1243-01	.1486-01	.1646-01	67.25	.8358	.3881	568.3	.1999-03

OH84C 60-O FUSELAGE (R3QA05)

FUSELAGE

PARAMETRIC DATA

MACH = 5.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
127	25.00	.0000	5.300	3.716	377.6	1497.	368.7	.4920	832.2	.1778-03	3958.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
127	.0000	.3144

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
127	10.000	.10000+00	45.000	.1674	.1988	.2194	73.22	12.26	.3676	565.0	.2757-02
127	20.000	.10000+00	207.00	.2137	.2539	.2802	73.27	15.66	.3672	564.3	.3520-02
127	20.000	.15000	211.00	.1120	.1329	.1466	73.63	8.247	.3642	559.7	.1844-02
127	24.000	.20000	48.000	.1128	.1338	.1475	73.83	8.329	.3625	557.1	.1856-02
127	25.500	.15000	212.00	.2235	.2652	.2924	73.64	16.45	.3642	559.6	.3678-02
127	31.500	.20000	215.00	.1456	.1726	.1903	73.85	10.75	.3624	556.9	.2395-02
127	35.000	.20000	216.00	.1782	.2113	.2329	73.91	13.17	.3619	556.1	.2931-02
127	40.000	.20000	217.00	.1666	.1975	.2177	73.94	12.32	.3617	555.8	.2740-02
127	42.500	.50000-01	204.00	.9874-01	.1175	.1298	72.51	7.160	.3735	573.9	.1629-02
127	45.500	.15000	214.00	.1047	.1242	.1369	73.94	7.742	.3617	555.8	.1722-02
127	60.000	.50000-01	205.00	.4733-01	.5631-01	.6221-01	72.59	3.436	.3729	573.0	.7806-03
127	114.00	.40000	389.00	.4479-01	.5316-01	.5865-01	73.53	3.234	.3650	561.0	.7374-03
127	114.00	.70000	394.00	.3962-01	.4701-01	.5185-01	73.68	2.919	.3638	559.0	.6521-03
127	157.50	.40000	223.00	.1649-01	.1956-01	.2158-01	73.62	1.214	.3643	559.8	.2713-03
127	157.50	.50000	225.00	.7297-02	.8650-02	.9534-02	74.03	.5402	.3609	554.6	.1200-03
127	157.50	.70000	229.00	.1067-01	.1265-01	.1395-01	73.90	.7884	.3620	556.2	.1755-03
127	180.00	.50000	184.00	.2501-01	.2964-01	.3267-01	74.10	1.853	.3603	553.7	.4113-03
127	180.00	.60000	186.00	.1493-01	.1758-01	.1937-01	74.10	1.099	.3603	553.7	.2438-03
127	180.00	.70000	188.00	.5612-03	.6640-03	.7309-03	74.89	.4203-01	.3538	543.7	.9215-05
127	180.00	.80000	190.00	.2024-01	.2402-01	.2648-01	73.73	1.493	.3634	558.4	.3331-03
127	315.00	.50000	236.00	.4764-02	.5650-02	.6230-02	73.84	.3518	.3625	557.0	.7838-04

OH84C 60-0 FUSELAGE (R3QA05)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
127	315.00	.70000	240.00	.1434-01	.1701-01	.1876-01	73.80	1.059	.3628	557.5	.2360-03
127	315.00	.80000	242.00	.2735-01	.3246-01	.3579-01	73.65	2.014	.3641	559.5	.4502-03

FUSELAGE

PARAMETRIC DATA

MACH = 5.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
128	20.00	.0000	5.300	3.724	377.9	1496.	368.4	.4924	232.0	.1781-03	3957.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
128	.0000	.3145

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
128	10.000	.10000+00	45.000	.1083	.1285	.1417	73.75	7.988	.3629	557.1	.1780-02
128	20.000	.10000+00	207.00	.1936	.2297	.2533	73.76	14.28	.3628	557.0	.3183-02
128	20.000	.15000	211.00	.9354-01	.1109	.1223	73.94	6.917	.3613	554.7	.1537-02
128	24.000	.20000	48.000	.1027	.1218	.1342	74.01	7.603	.3608	553.9	.1688-02
128	25.500	.15000	212.00	.2045	.2425	.2674	73.88	15.11	.3619	555.6	.3361-02
128	31.500	.20000	215.00	.1525	.1806	.1990	74.21	11.31	.3591	551.4	.2504-02
128	35.000	.20000	216.00	.1545	.1832	.2019	74.00	11.44	.3609	554.0	.2539-02
128	40.000	.20000	217.00	.1424	.1688	.1861	74.03	10.54	.3606	553.7	.2340-02
128	42.500	.50000-01	204.00	.1016	.1206	.1331	73.36	7.451	.3662	562.2	.1671-02
128	45.500	.15000	214.00	.1007	.1194	.1315	74.10	7.463	.3600	552.8	.1654-02
128	60.000	.50000-01	205.00	.5954-01	.7069-01	.7799-01	73.38	4.369	.3660	561.9	.9794-03
128	114.00	.40000	388.00	.4268-01	.5055-01	.5569-01	74.34	3.173	.3580	549.7	.7008-03
128	114.00	.70000	394.00	.4716-01	.5592-01	.6164-01	73.93	3.487	.3614	554.9	.7750-03
128	157.50	.40000	223.00	.8341-02	.9883-02	.1089-01	74.20	.6189	.3592	551.5	.1370-03
128	157.50	.50000	225.00	.1108-01	.1313-01	.1447-01	74.21	.8225	.3591	551.4	.1820-03
128	157.50	.70000	229.00	.4917-02	.5827-02	.6421-02	74.12	.3644	.3599	552.5	.8077-04
128	157.50	.80000	231.00	.2517-03	.2977-03	.3277-03	74.86	.1884-01	.3537	543.0	.4128-05
128	180.00	.50000	184.00	.2434-01	.2884-01	.3178-01	74.19	1.806	.3593	551.6	.3998-03
128	180.00	.70000	188.00	.1235-02	.1460-02	.1607-02	75.06	.9269-01	.3521	540.6	.2025-04
128	180.00	.80000	190.00	.2220-01	.2632-01	.2902-01	73.98	1.643	.3610	554.3	.3649-03
128	315.00	.50000	236.00	.1049-01	.1243-01	.1370-01	74.07	.7767	.3603	553.1	.1723-03

OH84C 60-0 FUSELAGE (R3QA06)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
128	315.00	.80000	242.00	.2705-01	.3208-01	.3536-01	73.89	1.999	.3618	555.5	.4446-03

OH84C 60-O FUSELAGE (R3QA07)

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
12	20.00	.0000	7.300	.9991	236.9	1510.	372.1	.4251-01	133.0	.2682-04	4127.	.1750-01
30	20.00	.0000	7.300	1.031	236.1	1479.	363.9	.4245-01	130.1	.2739-04	4081.	.1750-01
37	20.00	.0000	7.300	1.014	236.3	1494.	368.0	.4244-01	131.5	.2707-04	4104.	.1750-01
51	20.00	.0000	7.300	1.020	237.8	1495.	368.1	.4271-01	131.6	.2723-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
12	.0000	.1274
30	.0000	.1271
37	.0000	.1272
51	.0000	.1276

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
30	.00000	.00000	1.0000	.7204	.8554	.9438	29.28	21.09	.3663	555.5	.3021-01
30	.00000	.50000-02	2.0000	.5958	.7074	.7805	29.28	17.44	.3663	555.5	.2498-01
30	.00000	.10000-01	3.0000	.4603	.5465	.6030	29.28	13.48	.3662	555.3	.1930-01
30	.00000	.20000-01	4.0000	.2834	.3366	.3714	29.25	8.291	.3668	556.3	.1188-01
30	.00000	.30000-01	5.0000	.2002	.2377	.2623	29.30	5.868	.3658	554.8	.8395-02
30	.00000	.40000-01	6.0000	.1763	.2093	.2309	29.31	5.166	.3657	554.5	.7390-02
30	.00000	.50000-01	7.0000	.1431	.1699	.1874	29.31	4.194	.3656	554.5	.5998-02
30	.00000	.60000-01	8.0000	.1409	.1673	.1845	29.31	4.129	.3657	554.7	.5907-02
30	.00000	.70000-01	9.0000	.1171	.1390	.1534	29.32	3.433	.3655	554.3	.4909-02
30	.00000	.80000-01	10.000	.9318-01	.1106	.1220	29.31	2.731	.3657	554.6	.3906-02
30	.00000	.90000-01	11.000	.8563-01	.1017	.1122	29.30	2.509	.3658	554.8	.3590-02
30	.00000	.10000+00	12.000	.7595-01	.9018-01	.9949-01	29.30	2.225	.3659	554.9	.3184-02
30	.00000	.12000	13.000	.6536-01	.7760-01	.8561-01	29.30	1.915	.3659	554.8	.2740-02
30	.00000	.13000	14.000	.6310-01	.7492-01	.8265-01	29.30	1.849	.3659	554.9	.2646-02
30	.00000	.14000	15.000	.5885-01	.6987-01	.7708-01	29.30	1.725	.3658	554.8	.2467-02

(R3QA07)

OH84C 60-0 FUSELAGE

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
30	.00000	.15000	16.000	.5884-01	.6986-01	.7708-01	29.29	1.723	.3661	555.3	.2467-02
30	.00000	.16000	17.000	.5893-01	.6999-01	.7725-01	29.22	1.722	.3675	557.4	.2471-02
30	.00000	.17000	18.000	.5624-01	.6677-01	.7368-01	29.28	1.647	.3663	555.5	.2358-02
30	.00000	.18000	19.000	.5609-01	.6660-01	.7349-01	29.28	1.642	.3663	555.5	.2352-02
30	.00000	.19000	20.000	.5540-01	.6579-01	.7259-01	29.27	1.622	.3665	555.8	.2323-02
30	.00000	.20000	21.000	.5283-01	.6274-01	.6923-01	29.26	1.546	.3667	556.1	.2215-02
30	.00000	.25000	23.000	.4687-01	.5566-01	.6143-01	29.24	1.370	.3671	556.7	.1965-02
30	.00000	.35000	25.000	.4153-01	.4933-01	.5444-01	29.22	1.213	.3676	557.5	.1742-02
30	.00000	.40000	26.000	.3955-01	.4698-01	.5185-01	29.21	1.155	.3677	557.6	.1659-02
37	.00000	.45000	1027.0	.3569-01	.4240-01	.4681-01	29.53	1.054	.3692	564.7	.1507-02
37	.00000	.55000	1029.0	.3178-01	.3776-01	.4168-01	29.52	.9382	.3685	565.1	.1342-02
37	.00000	.60000	1030.0	.2798-01	.3326-01	.3671-01	29.49	.8253	.3691	566.1	.1182-02
37	.00000	.65000	1031.0	.2540-01	.3019-01	.3332-01	29.51	.7495	.3688	565.6	.1073-02
37	.00000	.70000	1032.0	.2428-01	.2886-01	.3186-01	29.46	.7154	.3696	566.9	.1026-02
37	.00000	.75000	1033.0	.2354-01	.2798-01	.3089-01	29.48	.6941	.3693	566.3	.9943-03
37	.00000	.80000	1034.0	.2405-01	.2858-01	.3155-01	29.48	.7089	.3694	566.4	.1016-02
37	.00000	.85000	1035.0	.2311-01	.2746-01	.3032-01	29.48	.6812	.3694	566.5	.9760-03
37	.00000	.90000	1036.0	.2112-01	.2511-01	.2773-01	29.44	.6219	.3701	567.6	.8923-03
37	.00000	.92500	1037.0	.5412-03	.6424-03	.7088-03	29.65	.1605-01	.3657	560.9	.2284-04
37	.00000	.95000	1038.0	.1550-01	.1843-01	.2034-01	29.45	.4566	.3699	567.2	.6548-03
37	.00000	.97500	1039.0	.1348-01	.1601-01	.1767-01	29.53	.3979	.3683	564.8	.5690-03
30	.00000	1.0150	40.000	.1793-02	.2122-02	.2336-02	29.83	.5349-01	.3549	538.2	.7498-04
30	.00000	1.0300	41.000	.6496-02	.7698-02	.8484-02	29.59	.1922	.3598	545.7	.2720-03
30	.00000	1.0450	42.000	.7392-02	.8765-02	.9663-02	29.50	.2181	.3617	548.5	.3096-03
30	10.000	.10000+00	45.000	.8400-01	.9973-01	.1100	29.30	2.462	.3658	554.7	.3522-02
30	14.000	.50000-01	44.000	.1442	.1712	.1889	29.30	4.226	.3658	554.7	.6046-02
30	20.000	.10000+00	207.00	.1247	.1480	.1633	29.32	3.655	.3655	554.4	.5227-02
30	20.000	.15000	211.00	.7024-01	.8338-01	.9199-01	29.31	2.059	.3656	554.5	.2944-02
30	22.000	.50000-01	202.00	.1857	.2217	.2446	29.30	5.471	.3659	554.9	.7829-02
30	24.000	.20000	48.000	.4819-01	.5721-01	.6311-01	29.32	1.413	.3654	554.1	.2020-02
30	24.500	.10000+00	208.00	.1364	.1619	.1787	29.31	3.998	.3656	554.5	.5719-02
30	25.500	.15000	212.00	.8091-01	.9604-01	.1060	29.32	2.372	.3655	554.3	.3392-02
30	31.500	.20000	215.00	.5336-01	.6334-01	.6987-01	29.32	1.564	.3654	554.2	.2237-02
30	35.000	.50000-01	203.00	.1599	.1899	.2095	29.30	4.685	.3659	555.0	.6704-02
30	35.000	.20000	216.00	.5897-01	.7001-01	.7723-01	29.32	1.729	.3655	554.3	.2472-02
30	39.000	.10000+00	209.00	.8852-01	.1051	.1159	29.33	2.596	.3653	554.0	.3711-02
30	40.000	.20000	217.00	.6055-01	.7188-01	.7930-01	29.31	1.775	.3656	554.4	.2538-02
30	42.500	.50000-01	204.00	.9245-01	.1098	.1211	29.27	2.706	.3664	555.7	.3876-02
30	45.500	.15000	214.00	.7207-01	.8554-01	.9435-01	29.35	2.115	.3648	553.3	.3021-02
30	51.000	.20000	218.00	.3867-01	.4591-01	.5065-01	29.31	1.133	.3657	554.6	.1621-02
30	60.000	.50000-01	205.00	.5267-01	.6254-01	.6901-01	29.27	1.542	.3665	555.8	.2208-02
30	67.500	.20000	219.00	.2437-01	.2893-01	.3192-01	29.31	.7142	.3658	554.7	.1022-02
51	96.500	.20000	1220.0	.1291	.1550	.1723	28.04	3.621	.4010	615.3	.5481-02

OH84C 60-0 FUSELAGE (R3QA07)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
30	114.00	.40000	368.00	.1126-01	.1337-01	.1475-01	29.28	.3297	.3663	555.5	.4722-03
30	114.00	.70000	394.00	.4989-01	.5924-01	.6536-01	29.29	1.461	.3661	555.3	.2092-02
30	157.50	.40000	223.00	.2701-02	.3207-02	.3538-02	29.30	.7914-01	.3658	554.8	.1132-03
30	157.50	.50000	225.00	.6666-02	.7912-02	.8728-02	29.34	.1956	.3650	553.5	.2794-03
30	157.50	.70000	229.00	.1615-02	.1917-02	.2114-02	29.35	.4740-01	.3648	553.3	.6769-04
30	157.50	.80000	231.00	.6087-03	.7204-03	.7932-03	29.82	.1815-01	.3551	538.6	.2546-04
12	180.00	.15000	175.00	.4885-02	.5797-02	.6394-02	30.11	.1471	.3642	564.7	.2072-03
12	180.00	.16000	176.00	.2094-01	.2485-01	.2740-01	30.10	.6303	.3644	565.0	.8881-03
12	180.00	.17000	177.00	.4564-01	.5416-01	.5973-01	30.12	1.375	.3639	564.4	.1936-02
12	180.00	.18000	178.00	.5402-01	.6411-01	.7071-01	30.11	1.626	.3643	565.0	.2292-02
30	180.00	.40000	182.00	.7468-02	.8862-02	.9775-02	29.37	.2194	.3644	552.6	.3130-03
30	180.00	.50000	184.00	.1149-01	.1363-01	.1504-01	29.33	.3368	.3653	554.0	.4815-03
30	180.00	.70000	188.00	.5432-03	.6429-03	.7079-03	29.82	.1620-01	.3552	538.6	.2272-04
30	180.00	.80000	190.00	.6280-02	.7455-02	.8224-02	29.32	.1841	.3654	554.2	.2633-03
30	315.00	.50000	236.00	.2510-02	.2980-02	.3287-02	29.31	.7357-01	.3656	554.5	.1052-03
30	315.00	.70000	240.00	.1015-02	.1206-02	.1330-02	29.33	.2979-01	.3652	553.8	.4257-04
30	315.00	.80000	242.00	.2566-02	.3047-02	.3362-02	29.28	.7515-01	.3662	555.3	.1076-03

OH84C 60-0 FUSELAGE (R3QA08)

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE .
14	20.00	.0000	7.300	1.974	468.5	1510.	372.2	.8405-01	133.1	.5301-04	4127.	.1750-01
31	20.00	.0000	7.300	1.910	461.2	1526.	376.4	.8267-01	134.5	.5156-04	4150.	.1750-01
36	20.00	.0000	7.300	1.959	465.4	1511.	372.5	.8349-01	133.2	.5261-04	4129.	.1750-01
50	20.00	.0000	7.300	1.993	464.8	1495.	368.2	.8349-01	131.6	.5323-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
14	.0000	.1792
31	.0000	.1779
36	.0000	.1786
50	.0000	.1784

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
31	.00000	.00000	1.0000	.6832	.8088	.8906	43.08	29.43	.3560	558.4	.2088-01
31	.00000	.50000-02	2.0000	.5615	.6646	.7318	43.10	24.20	.3558	558.0	.1716-01
31	.00000	.10000-01	3.0000	.4367	.5169	.5691	43.13	18.84	.3553	557.3	.1334-01
31	.00000	.20000-01	4.0000	.2761	.3268	.3598	43.15	11.92	.3550	556.8	.8437-02
31	.00000	.30000-01	5.0000	.1918	.2269	.2498	43.21	8.286	.3541	555.5	.5858-02
31	.00000	.40000-01	6.0000	.1687	.1996	.2197	43.23	7.293	.3539	555.1	.5154-02
31	.00000	.50000-01	7.0000	.1365	.1615	.1777	43.25	5.903	.3535	554.5	.4169-02
31	.00000	.60000-01	8.0000	.1346	.1592	.1752	43.26	5.822	.3534	554.3	.4110-02
31	.00000	.70000-01	9.0000	.1118	.1323	.1456	43.29	4.841	.3530	553.7	.3415-02
31	.00000	.80000-01	10.000	.8760-01	.1036	.1140	43.30	3.793	.3528	553.3	.2675-02
31	.00000	.90000-01	11.000	.8136-01	.9623-01	.1059	43.30	3.523	.3528	553.4	.2485-02
31	.00000	.10000+00	12.000	.7203-01	.8519-01	.9375-01	43.31	3.120	.3527	553.2	.2200-02
31	.00000	.12000	13.000	.6139-01	.7260-01	.7989-01	43.34	2.660	.3523	552.6	.1875-02
31	.00000	.13000	14.000	.5823-01	.6886-01	.7577-01	43.34	2.523	.3523	552.6	.1778-02
31	.00000	.14000	15.000	.5402-01	.6388-01	.7029-01	43.34	2.341	.3522	552.4	.1649-02

OH84C 60-0 FUSELAGE (R3QA08)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
31	.00000	.15000	16.000	.5535-01	.6546-01	.7203-01	43.33	2.309	.3523	552.6	.1690-02
31	.00000	.16000	17.000	.5460-01	.6459-01	.7108-01	43.28	2.363	.3530	553.7	.1668-02
31	.00000	.17000	18.000	.5335-01	.6309-01	.6943-01	43.34	2.312	.3523	552.6	.1629-02
31	.00000	.18000	19.000	.5308-01	.6278-01	.6908-01	43.34	2.300	.3523	552.6	.1621-02
31	.00000	.19000	20.000	.5100-01	.6031-01	.6637-01	43.33	2.210	.3523	552.6	.1557-02
31	.00000	.20000	21.000	.4999-01	.5912-01	.6506-01	43.33	2.166	.3524	552.8	.1527-02
31	.00000	.25000	23.000	.4494-01	.5314-01	.5848-01	43.33	1.947	.3523	552.6	.1372-02
31	.00000	.35000	25.000	.3903-01	.4617-01	.5081-01	43.29	1.690	.3529	553.6	.1192-02
31	.00000	.40000	26.000	.3797-01	.4491-01	.4944-01	43.26	1.643	.3534	554.2	.1160-02
36	.00000	.45000	1027.0	.3429-01	.4056-01	.4482-01	42.44	1.455	.3614	561.1	.1038-02
36	.00000	.55000	1029.0	.2940-01	.3486-01	.3842-01	42.47	1.249	.3610	560.5	.8899-03
36	.00000	.60000	1030.0	.2532-01	.3003-01	.3311-01	42.39	1.073	.3622	562.2	.7665-03
36	.00000	.65000	1031.0	.2242-01	.2658-01	.2930-01	42.45	.9516	.3613	560.8	.6784-03
36	.00000	.70000	1032.0	.2117-01	.2511-01	.2768-01	42.36	.8965	.3627	563.0	.6408-03
36	.00000	.75000	1033.0	.2032-01	.2411-01	.2658-01	42.35	.8606	.3628	563.3	.6154-03
36	.00000	.80000	1034.0	.2049-01	.2431-01	.2680-01	42.33	.8673	.3631	563.7	.6204-03
36	.00000	.85000	1035.0	.2026-01	.2403-01	.2650-01	42.32	.8574	.3632	563.8	.6135-03
36	.00000	.90000	1036.0	.1860-01	.2232-01	.2462-01	42.21	.7938	.3647	566.2	.5696-03
36	.00000	.95000	1038.0	.1362-01	.1616-01	.1783-01	42.20	.5746	.3650	566.6	.4125-03
36	.00000	.97500	1039.0	.1117-01	.1326-01	.1462-01	42.31	.4728	.3633	564.0	.3384-03
31	.00000	1.0150	40.000	.1480-02	.1746-02	.1918-02	43.95	.6505-01	.3435	538.7	.4511-04
31	.00000	1.0300	41.000	.5343-02	.6313-02	.6944-02	43.53	.2326	.3495	548.2	.1631-03
31	.00000	1.0450	42.000	.5663-02	.6695-02	.7367-02	43.37	.2456	.3517	551.7	.1729-03
31	10.000	.10000+00	45.000	.8012-01	.9477-01	.1043	43.30	3.477	.3528	553.3	.2447-02
31	14.000	.50000-01	44.000	.1376	.1628	.1792	43.22	5.917	.3539	555.1	.4203-02
31	20.000	.10000+00	207.00	.1205	.1425	.1568	43.31	5.219	.3526	553.1	.3680-02
31	20.000	.15000	211.00	.6689-01	.7909-01	.8703-01	43.37	2.901	.3519	551.9	.2042-02
31	22.000	.50000-01	202.00	.1773	.2097	.2309	43.22	7.661	.3540	555.2	.5415-02
31	24.000	.20000	48.000	.4544-01	.5372-01	.5910-01	43.42	1.973	.3510	550.6	.1387-02
31	24.500	.10000+00	208.00	.1313	.1552	.1709	43.29	5.682	.3529	553.6	.4009-02
31	25.500	.15000	212.00	.7988-01	.9447-01	.1040	43.34	3.462	.3523	552.5	.2439-02
31	31.500	.20000	215.00	.5143-01	.6080-01	.6689-01	43.42	2.233	.3511	550.7	.1570-02
31	35.000	.50000-01	203.00	.1527	.1807	.1989	43.21	6.598	.3541	555.4	.4664-02
31	35.000	.20000	216.00	.5686-01	.6722-01	.7396-01	43.42	2.469	.3511	550.7	.1736-02
31	39.000	.10000+00	209.00	.8563-01	.1012	.1114	43.36	3.713	.3520	552.1	.2615-02
31	40.000	.20000	217.00	.5757-01	.6805-01	.7487-01	43.42	2.499	.3511	550.7	.1757-02
31	42.500	.50000-01	204.00	.8854-01	.1046	.1153	43.18	3.823	.3546	556.2	.2705-02
31	45.500	.15000	214.00	.6873-01	.8124-01	.8938-01	43.45	2.986	.3507	550.0	.2098-02
31	51.000	.20000	218.00	.3529-01	.4171-01	.4589-01	43.43	1.532	.3510	550.6	.1077-02
31	60.000	.50000-01	205.00	.4952-01	.5860-01	.6451-01	43.17	2.138	.3547	556.3	.1513-02
31	67.500	.20000	219.00	.2352-01	.2780-01	.3059-01	43.43	1.022	.3509	550.5	.7180-03
50	96.500	.20000	1220.0	.1966-01	.2336-01	.2579-01	41.35	.8128	.3697	567.2	.5921-03
31	114.00	.40000	308.00	.1070-01	.1265-01	.1392-01	43.35	.4639	.3521	552.3	.3268-03

OH84C 60-0 FUSELAGE

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
31	114.00	.70000	394.00	.2996-01	.3544-01	.3901-01	43.29	1.297	.3530	553.7	.9151-03
31	157.50	.40000	223.00	.3351-02	.3963-02	.4361-02	43.35	.1453	.3520	552.2	.1023-03
31	157.50	.50000	225.00	.6658-02	.7873-02	.8663-02	43.36	.2887	.3520	552.1	.2033-03
31	157.50	.70000	229.00	.3519-02	.4162-02	.4580-02	43.32	.1524	.3526	553.1	.1075-03
31	157.50	.80000	231.00	.5317-03	.6274-03	.6894-03	43.89	.2334-01	.3444	540.1	.1621-04
14	180.00	.15000	175.00	.5062-02	.5986-02	.6587-02	43.19	.2186	.3522	546.3	.1523-03
14	180.00	.16000	176.00	.2269-01	.2683-01	.2953-01	43.19	.9800	.3523	546.5	.6829-03
14	180.00	.17000	177.00	.4860-01	.5747-01	.6324-01	43.19	2.099	.3522	546.4	.1462-02
14	180.00	.18000	178.00	.5310-01	.6279-01	.6910-01	43.17	2.292	.3525	546.8	.1598-02
31	180.00	.40000	182.00	.9375-02	.1109-01	.1220-01	43.33	.4062	.3524	552.8	.2863-03
31	180.00	.50000	184.00	.1401-01	.1656-01	.1822-01	43.37	.6074	.3518	551.8	.4276-03
31	180.00	.60000	186.00	.1480-01	.1751-01	.1927-01	43.32	.6413	.3526	553.0	.4521-03
31	180.00	.70000	188.00	.1614-03	.1904-03	.2092-03	43.91	.7087-02	.3441	539.7	.4920-05
31	180.00	.80000	190.00	.5202-02	.6152-02	.6770-02	43.32	.2253	.3526	553.0	.1588-03
31	315.00	.50000	236.00	.1648-02	.1949-02	.2145-02	43.34	.7143-01	.3523	552.5	.5033-04
31	315.00	.70000	240.00	.7934-02	.9385-02	.1033-01	43.29	.3434	.3530	553.7	.2423-03
31	315.00	.80000	242.00	.3868-02	.4576-02	.5037-02	43.24	.1673	.3537	554.7	.1181-03

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
15	20.00	.0000	7.300	2.914	702.8	1525.	376.0	.1260	134.4	.7864-04	4148.	.1750-01
32	20.00	.0000	7.300	2.938	701.0	1515.	373.5	.1257	133.5	.7901-04	4135.	.1750-01
35	20.00	.0000	7.300	2.885	697.2	1527.	376.5	.1249	134.6	.7789-04	4151.	.1750-01
49	20.00	.0000	7.300	2.992	698.3	1496.	368.3	.1254	131.7	.7993-04	4106.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
15	.0000	.2195
32	.0000	.2192
35	.0000	.2187
49	.0000	.2186

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
32	.00000	.00000	1.0000	.6818	.8088	.8919	52.10	35.52	.3630	565.2	.1685-01
32	.00000	.50000-02	2.0000	.5600	.6642	.7324	52.11	29.18	.3629	565.0	.1384-01
32	.00000	.10000-01	3.0000	.4352	.5161	.5690	52.17	22.70	.3622	563.8	.1075-01
32	.00000	.20000-01	4.0000	.2884	.3426	.3781	51.68	14.91	.3679	572.7	.7135-02
32	.00000	.30000-01	5.0000	.1909	.2263	.2494	52.35	9.996	.3601	560.6	.4716-02
32	.00000	.40000-01	6.0000	.1675	.1985	.2187	52.38	8.774	.3597	559.9	.4136-02
32	.00000	.50000-01	7.0000	.1354	.1604	.1767	52.46	7.102	.3588	558.6	.3343-02
32	.00000	.60000-01	8.0000	.1337	.1584	.1745	52.50	7.021	.3584	557.9	.3302-02
32	.00000	.70000-01	9.0000	.1109	.1313	.1447	52.55	5.825	.3578	557.0	.2737-02
32	.00000	.80000-01	10.000	.8845-01	.1047	.1153	52.63	4.655	.3568	555.4	.2183-02
32	.00000	.90000-01	11.000	.8110-01	.9602-01	.1058	52.65	4.270	.3565	555.0	.2001-02
32	.00000	.10000+00	12.000	.7152-01	.8466-01	.9323-01	52.70	3.769	.3559	554.1	.1765-02
32	.00000	.12000	13.000	.6065-01	.7178-01	.7903-01	52.77	3.201	.3551	552.8	.1496-02
32	.00000	.13000	14.000	.5759-01	.6816-01	.7504-01	52.79	3.040	.3550	552.6	.1421-02
32	.00000	.14000	15.000	.5382-01	.6369-01	.7012-01	52.81	2.842	.3547	552.1	.1328-02

OH84C 60-0 FUSELAGE

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
32	.00000	.15000	16.000	.5482-01	.6487-01	.7142-01	52.81	2.695	.3547	552.2	.1352-02
32	.00000	.16000	17.000	.5396-01	.6386-01	.7030-01	52.84	2.851	.3544	551.6	.1331-02
32	.00000	.17000	18.000	.5263-01	.6227-01	.6855-01	52.84	2.781	.3543	551.6	.1298-02
32	.00000	.18000	19.000	.5186-01	.6113-01	.6729-01	52.85	2.731	.3542	551.3	.1274-02
32	.00000	.19000	20.000	.4987-01	.5900-01	.6495-01	52.86	2.636	.3541	551.3	.1230-02
32	.00000	.20000	21.000	.4872-01	.5764-01	.6345-01	52.86	2.575	.3541	551.2	.1202-02
32	.00000	.25000	23.000	.4432-01	.5242-01	.5770-01	52.93	2.345	.3533	550.0	.1093-02
32	.00000	.35000	25.000	.3791-01	.4485-01	.4937-01	52.89	2.005	.3538	550.7	.9350-03
35	.00000	.40000	26.000	.3622-01	.4286-01	.4719-01	52.83	1.914	.3544	551.7	.8935-03
35	.00000	.45000	1027.0	.3450-01	.4082-01	.4494-01	53.16	1.834	.3540	555.5	.8576-03
35	.00000	.55000	1029.0	.2928-01	.3464-01	.3814-01	53.12	1.555	.3545	556.3	.7278-03
35	.00000	.60000	1030.0	.2576-01	.3049-01	.3357-01	53.06	1.367	.3552	557.4	.6405-03
35	.00000	.65000	1031.0	.2115-01	.2503-01	.2755-01	53.08	1.122	.3550	557.1	.5257-03
35	.00000	.70000	1032.0	.1965-01	.2326-01	.2562-01	52.98	1.041	.3561	558.8	.4886-03
35	.00000	.75000	1033.0	.1895-01	.2244-01	.2471-01	52.94	1.003	.3565	559.5	.4713-03
35	.00000	.80000	1034.0	.1938-01	.2365-01	.2605-01	52.92	1.057	.3568	559.9	.4968-03
35	.00000	.85000	1035.0	.2079-01	.2462-01	.2712-01	52.88	1.099	.3573	560.7	.5171-03
35	.00000	.90000	1036.0	.2015-01	.2387-01	.2630-01	52.80	1.064	.3582	562.1	.5013-03
35	.00000	.92500	1037.0	.1092-02	.1293-02	.1424-02	52.93	.5779-01	.3567	559.8	.2716-04
35	.00000	.95000	1038.0	.1439-01	.1704-01	.1877-01	52.83	.7600	.3578	561.6	.3578-03
35	.00000	.97500	1039.0	.1251-01	.1481-01	.1631-01	52.97	.6626	.3563	559.1	.3111-03
32	.00000	1.0300	41.000	.4215-02	.4989-02	.5492-02	52.78	.2224	.3551	552.8	.1040-03
32	.00000	1.0450	42.000	.6354-02	.7524-02	.8288-02	52.61	.3343	.3570	555.8	.1568-03
32	10.000	.10000+00	45.000	.8103-01	.9594-01	.1057	52.65	4.266	.3566	555.1	.2000-02
32	14.000	.50000-01	44.000	.1369	.1623	.1789	52.35	7.168	.3601	560.6	.3382-02
32	20.000	.10000+00	207.00	.1214	.1439	.1584	52.64	6.392	.3567	555.2	.2997-02
32	20.000	.15000	211.00	.6693-01	.7920-01	.8719-01	52.83	3.536	.3544	551.7	.1651-02
32	22.000	.50000-01	202.00	.1769	.2097	.2311	52.33	9.256	.3604	561.0	.4369-02
32	24.000	.20000	48.000	.4510-01	.5334-01	.5870-01	53.01	2.391	.3524	548.5	.1112-02
32	24.500	.10000+00	208.00	.1315	.1557	.1715	52.63	6.919	.3568	555.5	.3245-02
32	25.500	.15000	212.00	.7932-01	.9386-01	.1033	52.84	4.192	.3543	551.5	.1956-02
32	31.500	.20000	215.00	.5136-01	.6074-01	.6684-01	53.01	2.723	.3523	548.4	.1266-02
32	35.000	.50000-01	203.00	.1522	.1804	.1988	52.29	7.958	.3607	561.5	.3759-02
32	35.000	.20000	216.00	.5686-01	.6724-01	.7400-01	53.01	3.014	.3523	548.4	.1402-02
32	39.000	.10000+00	209.00	.8161-01	.9652-01	.1064	52.69	4.299	.3562	554.5	.2014-02
32	40.000	.20000	217.00	.5745-01	.6794-01	.7476-01	53.01	3.046	.3523	548.4	.1416-02
32	42.500	.50000-01	204.00	.8837-01	.1049	.1155	52.26	4.618	.3612	562.3	.2183-02
32	45.500	.15000	214.00	.6858-01	.8110-01	.8926-01	52.93	3.634	.3526	548.9	.1691-02
32	51.000	.20000	218.00	.3481-01	.4116-01	.4530-01	53.04	1.846	.3520	548.0	.8582-03
32	60.000	.50000-01	205.00	.4898-01	.5807-01	.6401-01	52.27	2.560	.3610	562.0	.1210-02
49	96.500	.20000	1220.0	.2308-01	.2729-01	.3002-01	53.05	1.224	.3519	547.7	.5689-03
32	114.00	.40000	388.00	.2064-01	.2452-01	.2706-01	50.83	1.049	.3681	565.1	.5071-03
				.1025-01	.1212-01	.1334-01	52.89	.5420	.3537	550.6	.2527-03

OH84C 60-0 FUSELAGE (R3QA09)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
32	114.00	.70000	394.00	.2190-01	.2592-01	.2854-01	52.75	1.155	.3554	553.2	.5402-03
32	157.50	.40000	223.00	.4762-02	.5633-02	.6200-02	52.94	.2521	.3532	549.8	.1174-03
32	157.50	.50000	225.00	.6434-02	.7611-02	.8378-02	52.92	.3405	.3534	550.1	.1587-03
32	157.50	.70000	229.00	.2542-02	.3007-02	.3310-02	52.85	.1343	.3542	551.4	.6269-04
32	157.50	.80000	231.00	.5849-03	.6913-03	.7604-03	53.19	.3111-01	.3502	545.2	.1441-04
15	180.00	.15000	175.00	.5418-02	.6406-02	.7048-02	53.53	.2900	.3514	550.6	.1339-03
15	180.00	.16000	176.00	.2583-01	.3053-01	.3360-01	53.52	1.382	.3514	550.7	.6385-03
15	180.00	.17000	177.00	.5319-01	.6288-01	.6919-01	53.52	2.846	.3514	550.8	.1315-02
15	180.00	.18000	178.00	.5481-01	.6480-01	.7130-01	53.50	2.932	.3516	551.1	.1355-02
32	180.00	.40000	182.00	.9882-02	.1170-01	.1288-01	52.74	.5212	.3555	553.4	.2438-03
32	180.00	.50000	184.00	.1398-01	.1654-01	.1820-01	52.95	.7405	.3530	549.5	.3448-03
32	180.00	.60000	186.00	.2150-01	.2543-01	.2800-01	52.90	1.137	.3536	550.5	.5302-03
32	180.00	.70000	188.00	.3614-03	.4271-03	.4698-03	53.21	.1923-01	.3500	544.8	.8905-05
32	180.00	.80000	190.00	.3254-02	.3851-02	.4240-02	52.76	.1717	.3553	553.1	.8027-04
32	315.00	.50000	236.00	.3434-02	.4063-02	.4473-02	52.87	.1816	.3540	551.1	.8470-04
32	315.00	.70000	240.00	.7119-02	.8423-02	.9273-02	52.83	.3760	.3545	551.8	.1756-03
32	315.00	.80000	242.00	.9731-02	.1152-01	.1269-01	52.63	.5121	.3568	555.4	.2401-03

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
16	20.00	.0000	7.300	3.630	867.6	1517.	373.9	.1556	133.7	.9769-04	4137.	.1750-01
33	20.00	.0000	7.300	3.582	862.0	1523.	375.5	.1545	134.3	.9659-04	4146.	.1750-01
34	20.00	.0000	7.300	3.476	865.4	1554.	383.6	.1548	137.1	.9472-04	4190.	.1750-01
47	20.00	.0000	7.300	3.655	866.3	1509.	371.9	.1554	133.0	.9811-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
16	.0000	.2439
33	.0000	.2431
34	.0000	.2439
47	.0000	.2436

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
33	.00000	.00000	1.0000	.6563	.7787	.8588	58.03	38.09	.3636	569.1	.1468-01
33	.00000	.50000-02	2.0000	.5372	.6373	.7028	58.05	31.18	.3635	568.9	.1201-01
33	.00000	.10000-01	3.0000	.4204	.4987	.5498	58.12	24.43	.3628	567.8	.9400-02
33	.00000	.20000-01	4.0000	.2760	.3280	.3620	57.57	15.89	.3685	576.7	.6180-02
33	.00000	.30000-01	5.0000	.1870	.2216	.2443	58.28	10.90	.3610	565.1	.4179-02
33	.00000	.40000-01	6.0000	.1635	.1939	.2137	58.31	9.536	.3607	564.6	.3655-02
33	.00000	.50000-01	7.0000	.1316	.1560	.1719	58.35	7.679	.3603	563.9	.2941-02
33	.00000	.60000-01	8.0000	.1300	.1541	.1698	58.37	7.589	.3601	563.6	.2906-02
33	.00000	.70000-01	9.0000	.1075	.1274	1404	58.39	6.277	.3599	563.2	.2402-02
33	.00000	.80000-01	10.000	.8525-01	.1010	.1113	58.44	4.982	.3593	562.4	.1905-02
33	.00000	.90000-01	11.000	.7880-01	.9337-01	1029	58.44	4.605	.3593	562.4	.1760-02
33	.00000	.10000+00	12.000	.6987-01	.8279-01	.9122-01	58.46	4.085	.3591	562.0	.1561-02
33	.00000	.12000	13.000	.5896-01	.6985-01	.7696-01	58.50	3.449	.3587	561.4	.1317-02
33	.00000	.13000	14.000	.5575-01	.6604-01	.7277-01	58.50	3.261	.3587	561.4	.1245-02
33	.00000	.14000	15.000	.5264-01	.6237-01	.6872-01	58 50	3.080	.3587	561.4	.1176-02

OH84C 60-O FUSELAGE (R3QA10)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
33	.00000	.15000	16.000	.5313-01	.6295-01	.6936-01	58.49	3.108	.3588	561.6	.1187-02
33	.00000	.16000	17.000	.5245-01	.6213-01	.6846-01	58.51	3.068	.3587	561.3	.1172-02
33	.00000	.17000	18.000	.5069-01	.6005-01	.6616-01	58.50	2.965	.3587	561.4	.1132-02
33	.00000	.18000	19.000	.5005-01	.5930-01	.6534-01	58.50	2.928	.3587	561.4	.1118-02
33	.00000	.19000	20.000	.4887-01	.5790-01	.6379-01	58.50	2.859	.3587	561.4	.1092-02
33	.00000	.20000	21.000	.4720-01	.5593-01	.6162-01	58.49	2.761	.3588	561.5	.1055-02
33	.00000	.25000	23.000	.4151-01	.4917-01	.5417-01	58.54	2.430	.3583	560.8	.9272-03
33	.00000	.35000	25.000	.3728-01	.4417-01	.4866-01	58.50	2.181	.3587	561.4	.8328-03
33	.00000	.40000	26.000	.3545-01	.4200-01	.4628-01	58.47	2.072	.3591	562.0	.7919-03
34	.00000	.45000	1027.0	.3389-01	.4008-01	.4412-01	60.43	2.048	.3534	565.0	.7647-03
34	.00000	.55000	1029.0	.2884-01	.3411-01	.3755-01	60.41	1.742	.3536	565.3	.6507-03
34	.00000	.60000	1030.0	.2576-01	.3048-01	.3355-01	60.39	1.556	.3538	565.6	.5814-03
34	.00000	.65000	1031.0	.2082-01	.2463-01	.2711-01	60.39	1.257	.3537	565.5	.4699-03
34	.00000	.70000	1032.0	.2074-01	.2453-01	.2701-01	60.37	1.252	.3540	566.0	.4680-03
34	.00000	.75000	1033.0	.1975-01	.2336-01	.2572-01	60.41	1.193	.3535	565.2	.4457-03
34	.00000	.80000	1034.0	.2079-01	.2460-01	.2708-01	60.41	1.256	.3535	565.2	.4693-03
34	.00000	.85000	1035.0	.2297-01	.2717-01	.2991-01	60.41	1.388	.3535	565.2	.5183-03
34	.00000	.90000	1036.0	.2399-01	.2838-01	.3124-01	60.39	1.448	.3538	565.7	.5413-03
34	.00000	.95000	1038.0	.1959-01	.2318-01	.2551-01	60.41	1.184	.3535	565.3	.4422-03
34	.00000	.97500	1039.0	.1756-01	.2077-01	.2285-01	60.52	1.063	.3525	563.5	.3962-03
33	.00000	1.0150	40.000	.2925-02	.3458-02	.3804-02	59.26	.1734	.3508	549.0	.6524-04
33	.00000	1.0300	41.000	.9643-02	.1142-01	.1257-01	58.77	.5667	.3559	557.0	.2153-03
33	.00000	1.0450	42.000	.1133-01	.1342-01	.1479-01	58.55	.6634	.3582	560.6	.2531-03
33	10.000	.10000+00	45.000	.7877-01	.9334-01	.1029	58.44	4.603	.3593	562.4	.1760-02
33	14.000	.50000-01	44.000	.1336	.1584	.1746	58.30	7.790	.3608	564.7	.2986-02
33	20.000	.10000+00	207.00	.1177	.1395	.1537	58.45	6.880	.3592	562.2	.2630-02
33	20.000	.15000	211.00	.6478-01	.7673-01	.8454-01	58.54	3.792	.3583	560.7	.1447-02
33	22.000	.50000-01	202.00	.1726	.2046	.2256	58.29	10.05	.3609	564.8	.3858-02
33	24.000	.20000	48.000	.4368-01	.5173-01	.5698-01	58.65	2.562	.3571	558.9	.9755-03
33	24.500	.10000+00	208.00	.1265	.1499	.1651	58.44	7.391	.3593	562.3	.2826-02
33	25.500	.15000	212.00	.7463-01	.8841-01	.9741-01	58.51	4.367	.3586	561.2	.1667-02
33	31.500	.20000	215.00	.4968-01	.5884-01	.6481-01	58.65	2.914	.3571	558.9	.1110-02
33	35.000	.50000-01	203.00	.1486	.1761	.1942	58.28	8.659	.3611	565.1	.3321-02
33	35.000	.20000	216.00	.5488-01	.6499-01	.7158-01	58.65	3.219	.3572	559.0	.1226-02
33	39.000	.10000+00	209.00	.8313-01	.9850-01	.1085	58.43	4.857	.3595	562.6	.1857-02
33	40.000	.20000	217.00	.5531-01	.6550-01	.7215-01	58.64	3.243	.3572	559.1	.1235-02
33	42.500	.50000-01	204.00	.8509-01	.1009	.1112	58.23	4.955	.3615	565.8	.1902-02
33	45.500	.15000	214.00	.6646-01	.7869-01	.8667-01	58.68	3.900	.3568	558.4	.1484-02
33	51.000	.20000	218.00	.3298-01	.3905-01	.4301-01	58.66	1.934	.3571	558.8	.7364-03
33	60.000	.50000-01	205.00	.4771-01	.5657-01	.6237-01	58.20	2.777	.3618	566.3	.1066-02
33	67.500	.20000	219.00	.2197-01	.2602-01	.2865-01	58.67	1.289	.3569	558.7	.4906-03
47	96.500	.20000	1220.0	.1792-01	.2127-01	.2346-01	57.48	1.030	.3650	565.7	.3974-03
33	114.00	.40000	388.00	.1086-01	.1286-01	.1417-01	58.57	.6359	.3579	560.2	.2425-03

(R3QA10)

OH84C 60-0 FUSELAGE

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
33	114.00	.70000	394.00	.2249-01	.2664-01	.2935-01	58.54	1.317	.3583	560.8	.5024-03
33	157.50	.40000	223.00	.4699-02	.5564-02	.6129-02	58.65	.2756	.3572	559.0	.1049-03
33	157.50	.50000	225.00	.5840-02	.6916-02	.7617-02	58.66	.3426	.3570	558.8	.1304-03
33	157.50	.70000	229.00	.7673-03	.9098-03	.1001-02	58.58	.4495-01	.3579	560.1	.1714-04
33	157.50	.80000	231.00	.2950-03	.3487-03	.3935-03	59.34	.1751-01	.3499	547.6	.6578-05
16	180.00	.15000	175.00	.6580-02	.7784-02	.8569-02	58.90	.3876	.3538	551.3	.1459-03
16	180.00	.16000	176.00	.2698-01	.3192-01	.3514-01	58.90	1.589	.3538	551.3	.5985-03
16	180.00	.17000	177.00	.5616-01	.6644-01	.7314-01	58.88	3.307	.3539	551.5	.1246-02
16	180.00	.18000	178.00	.5664-01	.6702-01	.7378-01	58.86	3.334	.3542	551.9	.1256-02
33	180.00	.40000	182.00	.1077-01	.1275-01	.1405-01	58.51	.6299	.3586	561.2	.2405-03
33	180.00	.50000	184.00	.1350-01	.1598-01	.1760-01	58.68	.7921	.3568	558.5	.3014-03
33	180.00	.60000	186.00	.1116-01	.1322-01	.1456-01	58.62	.6545	.3574	559.4	.2493-03
33	180.00	.70000	188.00	.7675-04	.9069-04	.9976-04	59.36	.4555-02	.3497	547.3	.1711-05
33	180.00	.80000	190.00	.4271-02	.5059-02	.5574-02	58.57	.2502	.3580	560.3	.9540-04
33	315.00	.50000	236.00	.5053-02	.5985-02	.6593-02	58.61	.2961	.3576	559.7	.1129-03
33	315.00	.70000	240.00	.5339-02	.6324-02	.6968-02	58.53	.3125	.3584	560.9	.1193-03
33	315.00	.80000	242.00	.9344-02	.1107-01	.1220-01	58.45	.5462	.3592	562.2	.2088-03

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
11	25.00	.0000	7.300	1.001	236.4	1506.	371.1	.4242-01	132.7	.2683-04	4121.	.1750-01
29	25.00	.0000	7.300	1.020	234.3	1482.	364.8	.4213-01	130.4	.2711-04	4086.	.1750-01
38	25.00	.0000	7.300	1.042	236.6	1471.	362.0	.4257-01	129.4	.2760-04	4070.	.1750-01
45	25.00	.0000	7.300	1.069	235.0	1444.	354.7	.4236-01	126.8	.2803-04	4029.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
11	.0000	.1273
29	.0000	.1266
38	.0000	.1272
45	.0000	.1266

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
29	.00000	.00000	1.0000	.6753	.8014	.8840	29.32	19.80	.3646	554.3	.2845-01
29	.00000	.50000-02	2.0000	.5963	.7076	.7805	29.32	17.49	.3646	554.3	.2512-01
29	.00000	.10000-01	3.0000	.4810	.5708	.6296	29.33	14.11	.3645	554.1	.2027-01
29	.00000	.20000-01	4.0000	.2866	.3401	.3752	29.33	8.407	.3645	554.1	.1208-01
29	.00000	.30000-01	5.0000	.2266	.2688	.2965	29.35	6.649	.3642	553.6	.9545-02
29	.00000	.40000-01	6.0000	.2018	.2394	.2640	29.35	5.922	.3640	553.4	.8500-02
29	.00000	.50000-01	7.0000	.1661	.1971	.2174	29.35	4.876	.3640	553.4	.6999-02
29	.00000	.60000-01	8.0000	.1665	.1976	.2179	29.35	4.887	.3641	553.5	.7014-02
29	.00000	.70000-01	9.0000	.1396	.1657	.1827	29.36	4.099	.3639	553.2	.5881-02
29	.00000	.80000-01	10.000	.1096	.1301	.1435	29.35	3.218	.3640	553.4	.4618-02
29	.00000	.90000-01	11.000	.1037	.1230	.1357	29.35	3.043	.3641	553.6	.4368-02
29	.00000	.10000+00	12.000	.9364-01	.1111	.1225	29.34	2.748	.3642	553.7	.3945-02
29	.00000	.12000	13.000	.8149-01	.9669-01	.1065	29.35	2.391	.3641	553.6	.3433-02
29	.00000	.13000	14.000	.7938-01	.9419-01	.1039	29.35	2.329	.3642	553.6	.3344-02
29	.00000	.14000	15.000	.7462-01	.8855-01	.9768-01	29.35	2.190	.3641	553.5	.3144-02

OH84C 60-0 FUSELAGE (R3QA11)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
29	.00000	.15000	16.000	.7579-01	.8993-01	.9919-01	29.34	2.223	.3644	554.0	.3193-02
29	.00000	.16000	17.000	.7296-01	.8660-01	.9552-01	29.31	2.139	.3649	554.7	.3074-02
29	.00000	.17000	18.000	.7208-01	.8549-01	.9540-01	29.33	2.137	.3645	554.2	.3071-02
29	.00000	.18000	19.000	.7212-01	.8559-01	.9441-01	29.33	2.115	.3645	554.2	.3039-02
29	.00000	.19000	20.000	.7068-01	.8389-01	.9253-01	29.32	2.072	.3648	554.6	.2978-02
29	.00000	.20000	21.000	.6962-01	.8145-01	.8984-01	29.31	2.011	.3649	554.8	.2892-02
29	.00000	.25000	23.000	.6362-01	.7552-01	.8331-01	29.29	1.864	.3653	555.3	.2681-02
29	.00000	.35000	25.000	.5754-01	.6831-01	.7537-01	29.27	1.684	.3658	556.1	.2425-02
29	.00000	.40000	26.000	.5542-01	.6580-01	.7260-01	29.26	1.622	.3659	556.3	.2336-02
38	.00000	.45000	1027.0	.5026-01	.5978-01	.6603-01	28.89	1.452	.3719	561.1	.2101-02
38	.00000	.55000	1029.0	.4402-01	.5235-01	.5788-01	28.80	1.268	.3736	563.7	.1841-02
38	.00000	.60000	1030.0	.3963-01	.4717-01	.5213-01	28.78	1.140	.3742	564.6	.1658-02
38	.00000	.65000	1031.0	.3677-01	.4376-01	.4836-01	28.78	1.058	.3741	564.5	.1538-02
38	.00000	.70000	1032.0	.3639-01	.4332-01	.4787-01	28.76	1.047	.3745	565.0	.1522-02
38	.00000	.75000	1033.0	.3450-01	.4106-01	.4538-01	28.77	.9926	.3743	564.7	.1443-02
38	.00000	.80000	1034.0	.3516-01	.4185-01	.4625-01	28.77	1.012	.3743	564.7	.1471-02
38	.00000	.85000	1035.0	.3391-01	.4036-01	.4460-01	28.76	.9750	.3746	565.2	.1418-02
38	.00000	.90000	1036.0	.3168-01	.3771-01	.4168-01	28.75	.9105	.3749	565.5	.1325-02
38	.00000	.95000	1038.0	.2264-01	.2694-01	.2978-01	28.76	.6511	.3745	565.0	.9469-03
38	.00000	.97500	1039.0	.2013-01	.2395-01	.2646-01	28.84	.5804	.3730	562.7	.8416-03
29	.00000	1.0300	41.000	.5020-02	.5948-02	.6553-02	29.60	.1486	.3588	545.5	.2112-03
29	.00000	1.0450	42.000	.1065-01	.1263-01	.1392-01	29.52	.3145	.3606	548.2	.4484-03
29	10.000	.10000+00	45.000	.1025	.1216	.1341	29.35	3.007	.3642	553.7	.4317-02
29	14.000	.50000-01	44.000	.1641	.1947	.2148	29.35	4.816	.3641	553.5	.6914-02
29	20.000	.10000+00	207.00	.1488	.1765	.1947	29.36	4.368	.3638	553.1	.6267-02
29	20.000	.15000	211.00	.8663-01	.1028	.1134	29.36	2.543	.3639	553.2	.3649-02
29	22.000	.50000-01	202.00	.2055	.2439	.2690	29.34	6.031	.3642	553.7	.8659-02
29	24.000	.20000	48.000	.6063-01	.7193-01	.7933-01	29.38	1.781	.3636	552.7	.2554-02
29	24.500	.10000+00	208.00	.1555	.1845	.2035	29.36	4.566	.3639	553.2	.6551-02
29	25.500	.15000	212.00	.9739-01	.1155	.1274	29.37	2.860	.3636	552.8	.4102-02
29	31.500	.20000	215.00	.6529-01	.7746-01	.8542-01	29.37	1.918	.3636	552.7	.2750-02
29	35.000	.50000-01	203.00	.1660	.1970	.2172	29.34	4.871	.3642	553.7	.6993-02
29	35.000	.20000	216.00	.7121-01	.8449-01	.9317-01	29.37	2.092	.3636	552.8	.3000-02
29	39.000	.10000+00	209.00	.9443-01	.1121	.1236	29.34	2.771	.3642	553.7	.3978-02
29	40.000	.20000	217.00	.7092-01	.8415-01	.9280-01	29.37	2.083	.3637	553.0	.2988-02
29	42.500	.50000-01	204.00	.8821-01	.1047	.1155	29.32	2.587	.3646	554.3	.3717-02
29	45.500	.15000	214.00	.7359-01	.8729-01	.9625-01	29.40	2.164	.3630	551.8	.3099-02
29	51.000	.20000	218.00	.3816-01	.4528-01	.4994-01	29.36	1.121	.3638	553.0	.1608-02
29	60.000	.50000-01	205.00	.4192-01	.4975-01	.5488-01	29.31	1.229	.3648	554.6	.1766-02
29	67.500	.20000	219.00	.2439-01	.2894-01	.3191-01	29.37	.7162	.3637	553.0	.1027-02
45	96.500	.20000	1220.0	.2074-01	.2465-01	.2721-01	28.32	.5975	.3691	545.7	.8585-03
29	114.00	.40000	382.00	.1178-01	.1398-01	.1542-01	29.32	.3454	.3647	554.4	.4963-03
29	114.00	.70000	394.00	.1432-01	.1700-01	.1875-01	29.33	.4202	.3644	554.0	.6035-03

OH84C 60-0 FUSELAGE

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
29	157.50	.40000	223.00	.3237-02	.3841-02	.4236-02	29.34	.9497-01	.3642	553.7	.1364-03
29	157.50	.50000	225.00	.5744-02	.6815-02	.7515-02	29.37	.1687	.3636	552.8	.2420-03
29	157.50	.70000	229.00	.1675-02	.1987-02	.2192-02	29.38	.4922-01	.3634	552.5	.7056-04
29	157.50	.80000	231.00	.6308-03	.7465-03	.8219-03	29.80	.1880-01	.3548	539.4	.2652-04
11	180.00	.15000	175.00	.6139-02	.7277-02	.8019-02	30.20	.1854	.3601	557.0	.2601-03
11	180.00	.16000	176.00	.2249-01	.2666-01	.2938-01	30.17	.6785	.3606	557.8	.9526-03
11	180.00	.17000	177.00	.4206-01	.4986-01	.5495-01	30.18	1.269	.3605	557.7	.1782-02
11	180.00	.18000	178.00	.3969-01	.4705-01	.5186-01	30.15	1.196	.3612	558.6	.1691-02
29	180.00	.40000	182.00	.9260-02	.1098-01	.1211-01	29.41	.2723	.3629	551.7	.3900-03
29	180.00	.50000	184.00	.1095-01	.1300-01	.1433-01	29.36	.3216	.3639	553.2	.4615-03
29	180.00	.60000	186.00	.5753-02	.6827-02	.7529-02	29.36	.1689	.3640	553.3	.2424-03
29	180.00	.70000	188.00	.1359-03	.1608-03	.1771-03	29.80	.4050-02	.3547	539.2	.5713-05
29	180.00	.80000	190.00	.2888-02	.3426-02	.3779-02	29.36	.8477-01	.3639	553.3	.1217-03
29	315.00	.50000	236.00	.2309-02	.2739-02	.3021-02	29.35	.6776-01	.3641	553.6	.9726-04
29	315.00	.70000	240.00	.2856-02	.3389-02	.3737-02	29.37	.8389-01	.3637	552.9	.1203-03
29	315.00	.80000	242.00	.1988-02	.2359-02	.2602-02	29.33	.5831-01	.3645	554.1	.8376-04

OH84C 60-0 FUSELAGE (R3QA12)

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE .
10	25.00	.0000	7.300	1.980	467.1	1505.	370.9	.8383-01	132.6	.5306-04	4120.	.1750-01
25	25.00	.0000	7.300	2.041	463.6	1472.	362.2	.8341-01	129.5	.5406-04	4071.	.1750-01
39	25.00	.0000	7.300	1.931	465.6	1525.	375.9	.8346-01	134.4	.5211-04	4148.	.1750-01
44	25.00	.0000	7.300	2.046	466.4	1475.	363.0	.8389-01	129.8	.5425-04	4076.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
10	.0000	.1789
25	.0000	.1780
39	.0000	.1787
44	.0000	.1786

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
25	.00000	.00000	1.0000	.6587	.7850	.8683	40.01	26.36	.3786	571.5	.1971-01
25	.00000	.50000-02	2.0000	.5806	.6920	.7654	40.01	23.23	.3786	571.6	.1737-01
25	.00000	.10000-01	3.0000	.4721	.5626	.6222	40.03	18.90	.3783	571.1	.1412-01
25	.00000	.20000-01	4.0000	.3098	.3692	.4083	40.02	12.40	.3784	571.2	.9269-02
25	.00000	.30000-01	5.0000	.2236	.2664	.2946	40.12	8.973	.3770	569.0	.6689-02
25	.00000	.40000-01	6.0000	.1985	.2364	.2614	40.12	7.964	.3769	569.0	.5936-02
25	.00000	.50000-01	7.0000	.1624	.1934	.2139	40.16	6.523	.3764	568.1	.4857-02
25	.00000	.60000-01	8.0000	.1631	.1942	.2147	40.16	6.548	.3764	568.2	.4876-02
25	.00000	.70000-01	9.0000	.1362	.1623	.1794	40.17	5.473	.3763	568.0	.4074-02
25	.00000	.80000-01	10.000	.1091	.1299	.1436	40.19	4.384	.3759	567.5	.3262-02
25	.00000	.90000-01	11.000	.1018	.1212	.1340	40.20	4.091	.3758	567.3	.3043-02
25	.00000	.10000+00	12.000	.9115-01	.1085	.1200	40.23	3.667	.3754	566.7	.2725-02
25	.00000	.12000	13.000	.7856-01	.9352-01	.1034	40.25	3.162	.3750	566.1	.2348-02
25	.00000	.13000	14.000	.7572-01	.9014-01	.9963-01	40.25	3.048	.3750	566.1	.2264-02
25	.00000	.14000	15.000	.7248-01	.8630-01	.9539-01	40.23	2.916	.3753	566.5	.2167-02

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 FUSELAGE

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
25	.00000	.15000	16.000	.7404-01	.8815-01	.9744-01	40.23	2.979	.3753	566.6	.2214-02
25	.00000	.16000	17.000	.7331-01	.8729-01	.9647-01	40.25	2.951	.3750	566.1	.2192-02
25	.00000	.17000	18.000	.7085-01	.8435-01	.9323-01	40.24	2.851	.3752	566.4	.2118-02
25	.00000	.18000	19.000	.7047-01	.8390-01	.9274-01	40.22	2.834	.3755	566.8	.2107-02
25	.00000	.19000	20.000	.6909-01	.8226-01	.9093-01	40.22	2.779	.3754	566.7	.2066-02
25	.00000	.20000	21.000	.6675-01	.7948-01	.8786-01	40.21	2.684	.3756	567.0	.1996-02
25	.00000	.25000	23.000	.6090-01	.7251-01	.8015-01	40.22	2.450	.3754	566.7	.1821-02
25	.00000	.35000	25.000	.5555-01	.6617-01	.7316-01	40.14	2.230	.3767	568.6	.1661-02
25	.00000	.40000	26.000	.5386-01	.6417-01	.7096-01	40.08	2.159	.3776	570.0	.1611-02
39	.00000	.45000	1027.0	.4730-01	.5600-01	.6166-01	43.25	2.046	.3557	557.4	.1438-02
39	.00000	.55000	1029.0	.4197-01	.4956-01	.5470-01	43.27	1.816	.3555	557.0	.1276-02
39	.00000	.60000	1030.0	.3787-01	.4482-01	.4936-01	43.25	1.639	.3557	557.3	.1151-02
39	.00000	.65000	1031.0	.3390-01	.4013-01	.4418-01	43.30	1.468	.3551	556.3	.1030-02
39	.00000	.70000	1032.0	.3270-01	.3870-01	.4261-01	43.29	1.416	.3552	556.5	.9938-03
39	.00000	.75000	1033.0	.3240-01	.3834-01	.4221-01	43.34	1.404	.3545	555.4	.9847-03
39	.00000	.80000	1034.0	.3431-01	.4060-01	.4470-01	43.33	1.487	.3547	555.7	.1043-02
39	.00000	.85000	1035.0	.3387-01	.4007-01	.4412-01	43.36	1.468	.3542	555.0	.1029-02
39	.00000	.90000	1036.0	.3177-01	.3759-01	.4138-01	43.36	1.378	.3541	554.9	.9653-03
39	.00000	.92500	1037.0	.5182-03	.6129-03	.6746-03	43.46	.2252-01	.3528	552.8	.1574-04
39	.00000	.95000	1038.0	.2251-01	.2662-01	.2930-01	43.44	.9776	.3531	553.2	.6837-03
39	.00000	.97500	1039.0	.1948-01	.2303-01	.2534-01	43.53	.8479	.3518	551.1	.5915-03
25	.00000	1.0150	40.000	.2770-02	.3293-02	.3636-02	40.59	.1125	.3700	558.5	.8272-04
25	.00000	1.0300	41.000	.8511-02	.1013-01	.1120-01	40.19	.3421	.3759	567.4	.2545-03
25	.00000	1.0450	42.000	.9812-02	.1169-01	.1295-01	40.02	.3926	.3785	571.4	.2936-03
25	10.000	.10000+00	45.000	.1009	.1201	.1327	40.24	4.060	.3751	566.3	.3016-02
25	14.000	.50000-01	44.000	.1613	.1921	.2124	40.13	6.474	.3768	568.8	.4824-02
25	20.000	.10000+00	207.00	.1460	.1738	.1920	40.27	5.878	.3748	565.8	.4363-02
25	20.000	.15000	211.00	.8503-01	.1012	.1118	40.34	3.430	.3737	564.1	.2541-02
25	22.000	.50000-01	202.00	.2030	.2418	.2674	40.13	8.146	.3769	568.9	.6072-02
25	24.000	.20000	48.000	.5894-01	.7013-01	.7748-01	40.39	2.380	.3730	563.1	.1761-02
25	24.500	.10000+00	208.00	.1526	.1817	.2008	40.26	6.144	.3749	565.9	.4562-02
25	25.500	.15000	212.00	.9520-01	.1133	.1252	40.34	3.841	.3737	564.1	.2845-02
25	31.500	.20000	215.00	.6405-01	.7621-01	.8419-01	40.39	2.587	.3730	563.0	.1914-02
25	35.000	.50000-01	203.00	.1626	.1937	.2142	40.11	6.523	.3772	569.3	.4864-02
25	35.000	.20000	216.00	.6953-01	.8273-01	.9140-01	40.38	2.808	.3731	563.2	.2078-02
25	39.000	.10000+00	209.00	.9222-01	.1098	.1214	40.24	3.711	.3752	566.4	.2757-02
25	40.000	.20000	217.00	.6833-01	.8131-01	.8984-01	40.36	2.758	.3734	563.7	.2042-02
25	42.500	.50000-01	204.00	.8624-01	.1027	.1136	40.08	3.456	.3776	570.1	.2580-02
25	45.500	.15000	214.00	.7092-01	.8436-01	.9318-01	40.44	2.868	.3722	561.9	.2119-02
25	51.000	.20000	218.00	.3672-01	.4369-01	.4827-01	40.38	1.483	.3731	563.2	.1097-02
25	60.000	.50000-01	205.00	.3991-01	.4756-01	.5260-01	40.05	1.599	.3780	570.6	.1194-02
25	67.500	.20000	219.00	.2371-01	.2821-01	.3116-01	40.39	.9577	.3729	562.9	.7084-03
44	96.500	.20000	1220.0	.1873-01	.2228-01	.2462-01	40.57	.7597	.3733	564.7	.5586-03

OH84C 60-0 FUSELAGE

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
25	114.00	.40000	389.00	.5926-02	.7061-02	.7809-02	40.06	.2374	.3779	570.4	.1773-03
25	114.00	.70000	394.00	.2095-01	.2497-01	.2762-01	40.00	.8391	.3787	571.7	.6268-03
25	157.50	.40000	223.00	.3740-02	.4455-02	.4926-02	40.13	.1501	.3769	568.9	.1119-03
25	157.50	.50000	225.00	.7187-02	.8560-02	.9464-02	40.16	.2886	.3764	568.2	.2149-03
25	157.50	.70000	229.00	.2639-02	.3144-02	.3477-02	40.06	.1057	.3779	570.5	.7894-04
25	157.50	.80000	231.00	.6036-03	.7169-03	.7912-03	40.78	.2461-01	.3672	554.3	.1801-04
10	180.00	.15000	175.00	.7109-02	.8442-02	.9315-02	41.97	.2984	.3666	566.7	.2145-03
10	180.00	.16000	176.00	.3069-01	.3644-01	.4021-01	41.97	1.288	.3667	566.7	.9258-03
10	180.00	.17000	177.00	.4792-01	.5690-01	.6278-01	41.98	2.012	.3664	568.4	.1445-02
10	180.00	.18000	178.00	.4131-01	.4906-01	.5413-01	41.95	1.733	.3669	567.0	.1246-02
25	180.00	.40000	182.00	.1204-01	.1435-01	.1588-01	40.02	.4820	.3785	571.4	.3604-03
25	180.00	.50000	184.00	.1272-01	.1514-01	.1674-01	40.18	.5110	.3761	567.7	.3803-03
25	180.00	.70000	188.00	.3971-03	.4716-03	.5205-03	40.77	.1619-01	.3673	554.4	.1185-04
25	180.00	.80000	190.00	.5047-02	.6015-02	.6653-02	40.01	.2019	.3786	571.5	.1510-03
25	315.00	.50000	236.00	.3235-02	.3853-02	.4261-02	40.10	.1297	.3772	569.4	.9675-04
25	315.00	.70000	240.00	.5439-02	.6493-02	.7170-02	40.01	.2177	.3786	571.5	.1628-03
25	315.00	.80000	242.00	.7031-02	.8384-02	.9277-02	39.88	.2804	.3806	574.5	.2105-03

OH84C 60-O FUSELAGE (R3QA13)

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
28	25.00	.0000	7.300	2.953	700.8	1510.	372.2	.1257	133.1	.7930-04	4127.	.1750-01
40	25.00	.0000	7.300	2.929	702.3	1520.	374.7	.1259	133.9	.7890-04	4141.	.1750-01
43	25.00	.0000	7.300	2.981	700.5	1502.	369.9	.1258	132.2	.7980-04	4115.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
28	.0000	.2191
40	.0000	.2195
43	.0000	.2190

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
28	.00000	.00000	1.0000	.6439	.7633	.8413	52.09	33.54	.3608	559.7	.1587-01
28	.00000	.50000-02	2.0000	.5683	.6737	.7425	52.11	29.61	.3607	559.5	.1401-01
28	.00000	.10000-01	3.0000	.4600	.5452	.6009	52.15	23.99	.3601	558.7	.1134-01
28	.00000	.20000-01	4.0000	.3026	.3586	.3951	52.20	15.79	.3596	557.9	.7457-02
28	.00000	.30000-01	5.0000	.2179	.2581	.2844	52.29	11.39	.3585	556.2	.5368-02
28	.00000	.40000-01	6.0000	.1934	.2291	.2524	52.31	10.11	.3583	555.9	.4764-02
28	.00000	.60000-01	8.0000	.1588	.1881	.2072	52.36	8.315	.3577	554.9	.3912-02
28	.00000	.70000-01	9.0000	.1332	.1577	.1737	52.39	6.975	.3574	554.4	.3280-02
28	.00000	.80000-01	10.000	.1062	.1258	.1386	52.42	5.569	.3570	553.8	.2617-02
28	.00000	.90000-01	11.000	.9955-01	.1179	.1298	52.43	5.219	.3569	553.7	.2452-02
28	.00000	.10000+00	12.000	.8895-01	.1053	.1160	52.44	4.665	.3567	553.4	.2191-02
28	.00000	.12000	13.000	.7622-01	.9024-01	.9938-01	52.48	4.000	.3563	552.7	.1877-02
28	.00000	.13000	14.000	.7357-01	.8710-01	.9592-01	52.47	3.860	.3563	552.8	.1812-02
28	.00000	.14000	15.000	.6988-01	.8273-01	.9110-01	52.49	3.668	.3561	552.4	.1721-02
28	.00000	.15000	16.000	.7138-01	.8451-01	.9307-01	52.47	3.745	.3564	552.8	.1758-02
28	.00000	.16000	17.000	.7094-01	.8402-01	.9256-01	52.35	3.714	.3578	555.0	.1747-02
28	.00000	.17000	18.000	.6928-01	.8202-01	.9032-01	52.49	3.636	.3562	552.5	.1706-02

OH84C 60-0 FUSELAGE (R3QA13)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
28	.00000	.18000	19.000	.6835-01	.8091-01	.8910-01	52.50	3.588	.3560	552.3	.1683-02
28	.00000	.19000	20.000	.6732-01	.7970-01	.8777-01	52.49	3.534	.3561	552.5	.1658-02
28	.00000	.20000	21.000	.6525-01	.7725-01	.8507-01	52.50	3.426	.3561	552.4	.1607-02
28	.00000	.25000	23.000	.5910-01	.6996-01	.7704-01	52.54	3.105	.3556	551.6	.1455-02
28	.00000	.35000	25.000	.5399-01	.6391-01	.7038-01	52.52	2.836	.3558	551.9	.1329-02
28	.00000	.40000	26.000	.5300-01	.6275-01	.6909-01	52.51	2.783	.3559	552.1	.1305-02
40	.00000	.45000	1027.0	.4527-01	.5353-01	.5891-01	53.25	2.411	.3520	549.6	.1117-02
40	.00000	.55000	1029.0	.3941-01	.4660-01	.5128-01	53.24	2.098	.3521	549.8	.9724-03
40	.00000	.60000	1030.0	.3501-01	.4140-01	.4556-01	53.23	1.864	.3523	550.0	.8640-03
40	.00000	.65000	1031.0	.3123-01	.3693-01	.4064-01	53.24	1.663	.3522	550.0	.7707-03
40	.00000	.70000	1032.0	.3067-01	.3627-01	.3991-01	53.20	1.632	.3526	550.5	.7568-03
40	.00000	.75000	1033.0	.3263-01	.3859-01	.4246-01	53.23	1.737	.3523	550.1	.8052-03
40	.00000	.80000	1034.0	.3320-01	.3927-01	.4321-01	53.21	1.767	.3525	550.4	.8193-03
40	.00000	.85000	1035.0	.3631-01	.4295-01	.4726-01	53.21	1.932	.3525	550.4	.8962-03
40	.00000	.90000	1036.0	.3732-01	.4414-01	.4858-01	53.18	1.985	.3529	551.0	.9211-03
40	.00000	.95000	1038.0	.3127-01	.3698-01	.4070-01	53.21	1.664	.3525	550.4	.7717-03
40	.00000	.97500	1039.0	.2834-01	.3351-01	.3687-01	53.31	1.511	.3514	548.6	.6993-03
28	.00000	1.0450	42.000	.1235-01	.1462-01	.1610-01	52.47	.6480	.3563	552.8	.3041-03
28	10.000	.10000+00	45.000	.9843-01	.1166	.1284	52.39	5.157	.3573	554.2	.2424-02
28	14.000	.50000-01	44.000	.1576	.1867	.2057	52.28	8.242	.3586	556.3	.3884-02
28	20.000	.10000+00	207.00	.1421	.1683	.1854	52.39	7.446	.3573	554.3	.3500-02
28	20.000	.15000	211.00	.8269-01	.9790-01	.1078	52.47	4.338	.3565	553.0	.2036-02
28	22.000	.50000-01	202.00	.1995	.2363	.2604	52.27	10.43	.3587	556.5	.4915-02
28	24.000	.20000	48.000	.5730-01	.6781-01	.7467-01	52.57	3.012	.3552	551.0	.1411-02
28	24.500	.10000+00	208.00	.1509	.1781	.1962	52.37	7.875	.3576	554.8	.3704-02
28	25.500	.15000	212.00	.9289-01	.1100	.1211	52.46	4.873	.3565	553.1	.2288-02
28	31.500	.20000	215.00	.6267-01	.7418-01	.8168-01	52.55	3.294	.3553	551.1	.1543-02
28	35.000	.50000-01	203.00	.1598	.1893	.2086	52.26	8.348	.3589	556.8	.3936-02
28	35.000	.20000	216.00	.6812-01	.8062-01	.8877-01	52.56	3.580	.3553	551.2	.1677-02
28	39.000	.10000+00	209.00	.8402-01	.9949-01	.1096	52.42	4.404	.3570	553.7	.2069-02
28	40.000	.20000	217.00	.6729-01	.7965-01	.8770-01	52.56	3.537	.3553	551.2	.1657-02
28	42.500	.50000-01	204.00	.8505-01	.1008	.1111	52.22	4.441	.3594	557.5	.2096-02
28	45.500	.15000	214.00	.5810-01	.6883-01	.7583-01	52.28	3.037	.3586	556.4	.1431-02
28	51.000	.20000	218.00	.3564-01	.4218-01	.4645-01	52.56	1.873	.3554	551.3	.8774-03
28	60.000	.50000-01	205.00	.3835-01	.4544-01	.5007-01	52.22	2.002	.3594	557.5	.9449-03
28	67.500	.20000	219.00	.2367-01	.2801-01	.3084-01	52.56	1.244	.3553	551.2	.5827-03
43	96.500	.20000	1220.0	.1983-01	.2355-01	.2599-01	51.20	1.015	.3674	566.4	.4877-03
28	114.00	.40000	388.00	.8037-02	.9513-02	.1048-01	52.55	.4223	.3555	551.4	.1979-03
28	114.00	.70000	394.00	.5515-01	.6529-01	.7190-01	52.48	2.894	.3563	552.7	.1358-02
28	157.50	.40000	223.00	.3863-02	.4572-02	.5033-02	52.60	.2032	.3549	550.5	.9510-04
28	157.50	.50000	225.00	.4966-02	.5877-02	.6470-02	52.59	.2611	.3550	550.7	.1222-03
28	157.50	.70000	229.00	.2174-02	.2573-02	.2833-02	52.58	.1143	.3551	550.8	.5352-04
28	157.50	.80000	231.00	.5370-03	.6345-03	.6978-03	53.10	.2852-01	.3490	541.4	.1320-04

OH84C 60-0 FUSELAGE (R3QA13)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
28	180.00	.40000	182.00	.1419-01	.1680-01	.1851-01	52.48	.7449	.3562	552.6	.3495-03
28	180.00	.50000	184.00	.1399-01	.1656-01	.1823-01	52.60	.7361	.3549	550.5	.3445-03
28	180.00	.70000	188.00	.7049-03	.8328-03	.9158-03	53.13	.3746-01	.3486	540.7	.1733-04
28	180.00	.80000	190.00	.7500-02	.8875-02	.9772-02	52.59	.3944	.3549	550.6	.1846-03
28	315.00	.50000	236.00	.3317-02	.3926-02	.4323-02	52.53	.1742	.3557	551.7	.8166-04
28	315.00	.70000	240.00	.7350-02	.8700-02	.9579-02	52.56	.3863	.3554	551.3	.1810-03
28	315.00	.80000	242.00	.8447-02	.1000-01	.1101-01	52.50	.4435	.3561	552.3	.2080-03

OH84C 60-0 FUSELAGE (R3QA14)

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
8	25.00	.0000	7.300	3.609	861.8	1516.	373.7	.1546	133.6	.9709-04	4136.	.1750-01
27	25.00	.0000	7.300	3.944	859.2	1436.	352.7	.1549	126.1	.1031-03	4018.	.1750-01
41	25.00	.0000	7.300	3.654	869.2	1513.	372.8	.1559	133.3	.9818-04	4131.	.1750-01
42	25.00	.0000	7.300	3.693	883.2	1517.	374.1	.1584	133.7	.9940-04	4138.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
8	.0000	.2431
27	.0000	.2420
41	.0000	.2441
42	.0000	.2461

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
27	.00000	.00000	1.0000	.6461	.7707	.8529	52.75	34.08	.3815	560.8	.1398-01
27	.00000	.50000-02	2.0000	.5677	.6771	.7494	52.77	29.96	.3813	560.5	.1228-01
27	.00000	.10000-01	3.0000	.4604	.5490	.6076	52.81	24.31	.3808	559.8	.9959-02
27	.00000	.20000-01	4.0000	.2854	.3404	.3766	52.86	15.09	.3803	559.0	.6174-02
27	.00000	.30000-01	5.0000	.2185	.2604	.2881	52.94	11.56	.3794	557.7	.4724-02
27	.00000	.40000-01	6.0000	.1933	.2304	.2549	52.97	10.24	.3790	557.2	.4180-02
27	.00000	.60000-01	8.0000	.1591	.1897	.2098	52.99	8.433	.3788	556.8	.3441-02
27	.00000	.70000-01	9.0000	.1334	.1589	.1758	53.01	7.070	.3785	556.4	.2883-02
27	.00000	.80000-01	10.000	.1062	.1265	.1399	53.03	5.631	.3783	556.1	.2295-02
27	.00000	.90000-01	11.000	.9896-01	.1179	.1304	53.03	5.248	.3783	556.1	.2143-02
27	.00000	.10000+00	12.000	.8887-01	.1059	.1171	53.04	4.714	.3782	556.0	.1921-02
27	.00000	.12000	13.000	.7617-01	.9075-01	.1004	53.07	4.042	.3779	555.5	.1647-02
27	.00000	.13000	14.000	.7276-01	.8669-01	.9588-01	53.07	3.861	.3779	555.6	.1573-02
27	.00000	.14000	15.000	.6960-01	.8293-01	.9171-01	53.07	3.694	.3779	555.5	.1505-02
27	.00000	.15000	16.000	.7126-01	.8492-01	.9391-01	53.04	3.780	.3782	555.9	.1541-02

OH84C 60-0 FUSELAGE

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
27	.00000	.16000	17.000	.6999-01	.8343-01	.9229-01	52.94	3.705	.3793	557.6	.1513-02
27	.00000	.17000	18.000	.6908-01	.8232-01	.9104-01	53.04	3.664	.3782	556.0	.1493-02
27	.00000	.18000	19.000	.6829-01	.8138-01	.9000-01	53.04	3.622	.3782	556.0	.1476-02
27	.00000	.19000	20.000	.6710-01	.7996-01	.8844-01	53.03	3.558	.3784	556.2	.1451-02
27	.00000	.20000	21.000	.6496-01	.7742-01	.8563-01	53.01	3.444	.3785	556.4	.1404-02
27	.00000	.25000	23.000	.5916-01	.7051-01	.7798-01	53.01	3.136	.3785	556.4	.1279-02
27	.00000	.35000	25.000	.5318-01	.6340-01	.7013-01	52.95	2.816	.3792	557.5	.1150-02
27	.00000	.40000	26.000	.5285-01	.6300-01	.6970-01	52.93	2.797	.3795	557.8	.1143-02
41	.00000	.45000	1027.0	.4681-01	.5542-01	.6104-01	58.50	2.738	.3567	554.3	.1036-02
41	.00000	.55000	1029.0	.4087-01	.4839-01	.5329-01	58.50	2.391	.3567	554.2	.9046-03
41	.00000	.60000	1030.0	.3787-01	.4484-01	.4939-01	58.46	2.213	.3572	555.0	.8383-03
41	.00000	.65000	1031.0	.3365-01	.3985-01	.4389-01	58.48	1.968	.3569	554.6	.7450-03
41	.00000	.70000	1032.0	.3368-01	.3989-01	.4394-01	58.41	1.967	.3577	555.8	.7457-03
41	.00000	.75000	1033.0	.3924-01	.4648-01	.5120-01	58.43	2.293	.3575	555.4	.8689-03
41	.00000	.80000	1034.0	.4205-01	.4980-01	.5486-01	58.43	2.457	.3575	555.5	.9310-03
41	.00000	.85000	1035.0	.5029-01	.5957-01	.6561-01	58.41	2.938	.3576	555.7	.1114-02
41	.00000	.90000	1036.0	.5330-01	.6313-01	.6955-01	58.35	3.110	.3583	556.7	.1180-02
41	.00000	.92500	1037.0	.8001-03	.9471-03	.1043-02	58.61	.4690-01	.3556	552.5	.1771-04
41	.00000	.95000	1038.0	.4506-01	.5338-01	.5881-01	58.35	2.629	.3583	556.7	.9978-03
41	.00000	.97500	1039.0	.4322-01	.5117-01	.5636-01	58.49	2.528	.3568	554.4	.9567-03
27	.00000	1.0150	40.000	.1048-02	.1244-02	.1373-02	54.10	.5668-01	.3662	538.4	.2258-04
27	.00000	1.0450	42.000	.2180-01	.2595-01	.2868-01	53.34	1.163	.3749	551.1	.4708-03
27	10.000	.10000+00	45.000	.9882-01	.1178	.1302	53.04	5.241	.3782	556.0	.2136-02
27	14.000	.50000-01	44.000	.1575	.1878	.2077	52.97	8.346	.3789	557.1	.3407-02
27	20.000	.10000+00	207.00	.1421	.1693	.1873	53.06	7.541	.3779	555.6	.3072-02
27	20.000	.15000	211.00	.8219-01	.9792-01	.1083	53.10	4.364	.3775	554.9	.1776-02
27	22.000	.50000-01	202.00	.1995	.2378	.2630	52.97	10.57	.3789	557.1	.4314-02
27	24.000	.20000	48.000	.5673-01	.6757-01	.7471-01	53.15	3.015	.3770	554.1	.1226-02
27	24.500	.10000+00	208.00	.1504	.1792	.1982	53.05	7.977	.3781	555.9	.3251-02
27	25.500	.15000	212.00	.9205-01	.1097	.1213	53.08	4.886	.3778	555.4	.1990-02
27	31.500	.20000	215.00	.6186-01	.7369-01	.8148-01	53.14	3.287	.3770	554.2	.1337-02
27	35.000	.50000-01	203.00	.1590	.1895	.2096	52.98	8.422	.3789	557.0	.3437-02
27	35.000	.20000	216.00	.6712-01	.7995-01	.8840-01	53.15	3.567	.3770	554.2	.1451-02
27	39.000	.10000+00	209.00	.8776-01	.1046	.1156	53.08	4.658	.3778	555.3	.1897-02
27	40.000	.20000	217.00	.6626-01	.7893-01	.8728-01	53.14	3.521	.3770	554.3	.1432-02
27	42.500	.50000-01	204.00	.8437-01	.1006	.1113	52.93	4.486	.3794	557.8	.1824-02
27	45.500	.15000	214.00	.5835-01	.6952-01	.7689-01	53.07	3.097	.3778	555.4	.1261-02
27	51.000	.20000	218.00	.3532-01	.4207-01	.4652-01	53.15	1.877	.3770	554.2	.7633-03
27	60.000	.50000-01	205.00	.3779-01	.4505-01	.4984-01	52.90	1.999	.3798	558.3	.8172-03
27	67.500	.20000	219.00	.2409-01	.2869-01	.3173-01	53.16	1.281	.3769	554.0	.5206-03
42	96.500	.20000	1220.0	.1980-01	.2348-01	.2588-01	58.04	1.161	.3623	564.8	.4361-03
27	114.00	.40000	388.00	.7891-02	.9403-02	.1040-01	53.06	.4187	.3780	555.7	.1706-03
27	114.00	.70000	394.00	.6803-01	.8106-01	.8964-01	53.07	3.610	.3779	555.5	.1471-02

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 FUSELAGE

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
27	157.50	.40000	223.00	.1353-02	.1607-02	.1774-02	53.89	.7290-01	.3686	541.9	.2918-04
27	157.50	.50000	225.00	.4447-02	.5297-02	.5857-02	53.13	.2362	.3772	554.5	.9610-04
27	157.50	.70000	229.00	.2119-02	.2525-02	.2792-02	53.07	.1124	.3779	555.5	.4580-04
27	157.50	.80000	231.00	.3351-03	.3978-03	.4398-03	54.17	.1815-01	.3654	537.2	.7222-05
8	180.00	.15000	175.00	.8441-02	.1002-01	.1106-01	57.55	.4858	.3656	569.5	.1883-03
8	180.00	.16000	176.00	.3807-01	.4520-01	.4987-01	57.56	2.191	.3656	569.5	.8494-03
8	180.00	.17000	177.00	.5102-01	.6056-01	.6691-01	57.57	2.937	.3655	569.2	.1138-02
8	180.00	.18000	178.00	.4702-01	.5583-01	.6160-01	57.52	2.705	.3660	570.0	.1049-02
27	180.00	.40000	182.00	.1714-01	.2042-01	.2259-01	53.15	.9111	.3770	554.2	.3705-03
27	180.00	.50000	184.00	.1420-01	.1692-01	.1871-01	53.11	.7544	.3774	554.8	.3070-03
27	180.00	.60000	186.00	.2560-02	.3050-02	.3373-02	53.10	.1359	.3775	554.9	.5533-04
27	180.00	.70000	188.00	.1401-03	.1664-03	.1835-03	54.19	.7595-02	.3652	536.8	.3020-05
27	180.00	.80000	190.00	.9127-02	.1088-01	.1203-01	53.06	.4843	.3780	555.6	.1973-03
27	315.00	.50000	236.00	.2787-02	.3320-02	.3671-02	53.11	.1480	.3775	554.9	.6024-04
27	315.00	.70000	240.00	.9285-02	.1106-01	.1224-01	53.05	.4925	.3781	555.9	.2007-03
27	315.00	.80000	242.00	.7850-02	.9355-02	.1035-01	53.02	.4162	.3784	556.3	.1697-03

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
30	20.00	.0000	7.300	1.031	236.1	1479.	363.9	.4245-01	130.1	.2739-04	4081.	.1750-01
51	20.00	.0000	7.300	1.020	237.6	1495.	368.1	.4271-01	131.6	.2723-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
30	.0000	.1271
51	.0000	.1276

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
51	46.800	.50000	1050.0	.2061	.2474	.2750	28.03	5.777	.4013	615.7	.8750-02
51	46.800	.70000	1052.0	.1901	.2282	.2535	28.08	5.338	.4003	614.1	.8068-02
51	46.800	.80000	1053.0	.1747	.2098	.2331	28.05	4.901	.4009	615.1	.7418-02
51	46.800	.90000	1054.0	.1438	.1728	.1921	27.95	4.020	.4030	618.2	.6109-02
51	46.800	.97500	1056.0	.1222	.1466	.1629	28.12	3.437	.3994	612.8	.5186-02
30	46.800	1.0450	59.000	.7923-02	.9395-02	.1036-01	29.49	.2337	.3618	548.7	.3318-03
30	46.800	1.0600	60.000	.7102-02	.8422-02	.9285-02	29.48	.2094	.3620	549.1	.2975-03
51	93.600	.60000	1063.0	.2083	.2497	.2774	28.19	5.870	.3980	610.7	.8833-02
51	93.600	.70000	1064.0	.1934	.2320	.2577	28.14	5.441	.3990	612.2	.8203-02
51	93.600	.80000	1065.0	.1740	.2089	.2321	28.07	4.885	.4005	614.5	.7387-02
51	93.600	.90000	1066.0	.1441	.1732	.1927	27.83	4.010	.4055	622.1	.6124-02
51	93.600	.95000	1067.0	.1442	.1739	.1939	27.40	3.951	.4144	635.7	.6144-02
51	93.600	.97500	1068.0	.1584	.1911	.2131	27.32	4.327	.4159	638.1	.6751-02
30	93.600	1.0150	69.000	.1391-01	.1649-01	.1818-01	29.49	.4101	.3620	548.9	.5825-03

OH84C 60-0 FUSELAGE

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE .
31	20.00	.0000	7.300	1.910	461.2	1526.	376.4	.8267-01	134.5	.5156-04	4150.	.1750-01
50	20.00	.0000	7.300	1.993	464.8	1495.	368.2	.8349-01	131.6	.5323-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
31	.0000	.1779
50	.0000	.1784

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
50	46.800	.50000	1050.0	.3478-01	.4139-01	.4575-01	41.01	1.426	.3746	574.8	.1049-02
50	46.800	.70000	1052.0	.2791-01	.3324-01	.3675-01	40.92	1.142	.3760	577.0	.8421-03
50	46.800	.80000	1053.0	.2510-01	.2990-01	.3306-01	40.86	1.026	.3769	578.4	.7575-03
50	46.800	.90000	1054.0	.1925-01	.2293-01	.2536-01	40.82	.7858	.3775	579.2	.5810-03
50	46.800	.97500	1056.0	.1067-01	.1271-01	.1406-01	40.87	.4362	.3767	578.0	.3220-03
31	46.800	1.0150	57.000	.1051	.1247	.1374	42.69	4.489	.3615	567.0	.3217-02
31	46.800	1.0450	59.000	.7422-02	.9777-02	.9658-02	43.35	.3218	.3520	552.2	.2266-03
31	46.800	1.0600	60.000	.7207-02	.8523-02	.9380-02	43.32	.3122	.3525	552.8	.2201-03
50	93.600	.60000	1063.0	.4149-01	.4939-01	.5459-01	40.98	1.700	.3752	575.7	.1251-02
50	93.600	.70000	1064.0	.3452-01	.4110-01	.4543-01	40.96	1.414	.3753	575.9	.1041-02
50	93.600	.80000	1065.0	.2615-01	.3114-01	.3443-01	40.89	1.069	.3765	577.7	.7889-03
50	93.600	.90000	1066.0	.2096-01	.2498-01	.2763-01	40.73	.8538	.3787	581.1	.6328-03
50	93.600	.95000	1067.0	.2410-01	.2874-01	.3179-01	40.64	.9794	.3802	583.3	.7278-03
50	93.600	.97500	1068.0	.2396-01	.2856-01	.3160-01	40.68	.9746	.3795	582.3	.7234-03
31	93.600	1.0150	69.000	.1133-01	.1340-01	.1475-01	43.35	.4912	.3522	552.4	.3460-03

OH84C 60-O FUSELAGE (R3QB09)

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
32	20.00	.0000	7.300	2.938	701.0	1515.	373.5	.1257	133.5	.7901-04	4135.	.1750-01
49	20.00	.0000	7.300	2.992	698.3	1496.	368.3	.1254	131.7	.7993-04	4106.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
32	.0000	.2192
49	.0000	.2185

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
49	46.800	.50000	1050.0	.3438-01	.4088-01	.4514-01	50.61	1.740	.3707	569.1	.8455-03
49	46.800	.70000	1052.0	.2862-01	.3404-01	.3759-01	50.56	1.447	.3714	570.1	.7039-03
49	46.800	.80000	1053.0	.2835-01	.3371-01	.3724-01	50.51	1.432	.3720	571.0	.6972-03
49	46.800	.90000	1054.0	.2284-01	.2717-01	.3001-01	50.50	1.153	.3721	571.2	.5619-03
49	46.800	.97500	1056.0	.1361-01	.1618-01	.1787-01	50.60	.6884	.3709	569.4	.3346-03
32	46.800	1.0150	57.000	.7037-01	.8373-01	.9250-01	51.26	3.607	.3729	580.5	.1743-02
32	46.800	1.0450	59.000	.8351-02	.9891-02	.1090-01	52.56	.4389	.3577	556.8	.2061-03
32	46.800	1.0600	60.000	.7276-02	.8618-02	.9494-02	52.52	.3821	.3581	557.5	.1796-03
49	93.600	.50000	1062.0	.1185-02	.1408-02	.1554-02	50.85	.6026-01	.3679	564.7	.2912-04
49	93.600	.60000	1063.0	.4235-01	.5035-01	.5561-01	50.60	2.143	.3709	569.4	.1041-02
49	93.600	.70000	1064.0	.3722-01	.4425-01	.4886-01	50.61	1.884	.3707	569.1	.9151-03
49	93.600	.80000	1065.0	.2867-01	.3410-01	.3767-01	50.54	1.449	.3717	570.5	.7052-03
49	93.600	.90000	1066.0	.2342-01	.2786-01	.3078-01	50.44	1.181	.3729	572.3	.5761-03
49	93.600	.95000	1067.0	.2767-01	.3292-01	.3638-01	50.38	1.394	.3735	573.4	.6808-03
49	93.600	.97500	1068.0	.2723-01	.3240-01	.3579-01	50.44	1.374	.3728	572.2	.6700-03
32	93.600	1.0150	69.000	.1304-01	.1545-01	.1701-01	52.55	.6853	.3577	556.9	.3219-03

OH84C 60-0 FUSELAGE (R3QB10)

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
33	20.00	.0000	7.300	3.582	862.0	1523.	375.5	.1545	134.3	.9659-04	4146.	.1750-01
47	20.00	.0000	7.300	3.655	866.3	1509.	371.9	.1554	133.0	.9811-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
33	.0000	.2431
47	.0000	.2436

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
47	46.800	.50000	1050.0	.3240-01	.3847-01	.4244-01	57.35	1.858	.3663	567.8	.7188-03
47	46.800	.70000	1052.0	.2725-01	.3235-01	.3570-01	57.34	1.563	.3664	567.9	.6046-03
47	46.800	.80000	1053.0	.2847-01	.3381-01	.3731-01	57.31	1.632	.3668	568.5	.6317-03
47	46.800	.90000	1054.0	.2468-01	.2931-01	.3235-01	57.28	1.414	.3670	568.9	.5477-03
47	46.800	.97500	1056.0	.1477-01	.1754-01	.1935-01	57.39	.8476	.3659	567.2	.3277-03
33	46.800	1.0450	59.000	.1207-01	.1430-01	.1576-01	58.48	.7059	.3589	561.8	.2697-03
33	46.800	1.0600	60.000	.1097-01	.1300-01	.1432-01	58.41	.6405	.3597	562.9	.2450-03
47	93.600	.60000	1063.0	.4152-01	.4930-01	.5440-01	57.35	2.381	.3663	567.8	.9213-03
47	93.600	.70000	1064.0	.3614-01	.4291-01	.4735-01	57.33	2.072	.3665	568.1	.8018-03
47	93.600	.80000	1065.0	.2822-01	.3351-01	.3697-01	57.34	1.618	.3665	568.0	.6262-03
47	93.600	.90000	1066.0	.2340-01	.2780-01	.3068-01	57.25	1.340	.3674	569.5	.5194-03
47	93.600	.95000	1067.0	.2838-01	.3372-01	.3722-01	57.19	1.623	.3680	570.4	.6300-03
47	93.600	.97500	1068.0	.2734-01	.3248-01	.3585-01	57.23	1.565	.3676	569.7	.6069-03
33	93.600	1.0150	69.000	.1471-01	.1742-01	.1920-01	58.53	.8607	.3585	561.0	.3285-03

OH84C 60-0 FUSELAGE (R3QB11)

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
29	25.00	.0000	7.300	1.020	234.3	1482.	364.8	.4213-01	130.4	.2711-04	4086.	.1750-01
45	25.00	.0000	7.300	1.069	235.0	1444.	354.7	.4236-01	126.8	.2803-04	4029.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
29	.0000	.1266
45	.0000	.1266

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
45	46.800	.50000	1050.0	.4816-01	.5731-01	.6334-01	28.09	1.353	.3741	553.1	.1996-02
45	46.800	.70000	1052.0	.3795-01	.4519-01	.4996-01	28.02	1.063	.3757	555.4	.1573-02
45	46.800	.80000	1053.0	.3541-01	.4218-01	.4664-01	27.96	.9903	.3768	557.0	.1468-02
45	46.800	.90000	1054.0	.2751-01	.3277-01	.3624-01	27.93	.7684	.3775	558.0	.1141-02
45	46.800	.97500	1056.0	.1569-01	.1869-01	.2066-01	28.02	.4398	.3755	555.1	.6506-03
29	46.800	1.0450	59.000	.1181-01	.1400-01	.1543-01	29.52	.3486	.3606	548.2	.4971-03
29	46.800	1.0600	60.000	.1084-01	.1285-01	.1417-01	29.50	.3198	.3609	548.6	.4564-03
45	93.600	.60000	1063.0	.5123-01	.6099-01	.6741-01	28.05	1.437	.3749	554.3	.2123-02
45	93.600	.70000	1064.0	.4189-01	.4989-01	.5516-01	27.98	1.172	.3766	556.7	.1737-02
45	93.600	.80000	1065.0	.3272-01	.3897-01	.4308-01	27.99	.9157	.3763	556.3	.1357-02
45	93.600	.90000	1066.0	.2683-01	.3196-01	.3534-01	27.95	.7499	.3771	557.5	.1113-02
45	93.600	.95000	1067.0	.3215-01	.3830-01	.4235-01	27.96	.8991	.3769	557.2	.1333-02
45	93.600	.97500	1068.0	.3164-01	.3768-01	.4165-01	28.01	.8962	.3759	555.7	.1312-02
29	93.600	1.0150	69.000	.1679-01	.1990-01	.2194-01	29.51	.4955	.3608	548.5	.7068-03

OH84C 60-0 FUSELAGE (R3QB12)

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
25	25.00	.0000	7.300	2.041	463.6	1472.	362.2	.8341-01	129.5	.5406-04	4071.	.1750-01
44	25.00	.0000	7.300	2.046	466.4	1475.	363.0	.8389-01	129.8	.5425-04	4076.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
25	.0000	.1780
44	.0000	.1785

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
44	46.800	.50000	1050.0	.4653-01	.5541-01	.6125-01	40.40	1.880	.3758	568.5	.1389-02
44	46.800	.60000	1051.0	.1234-03	.1463-03	.1612-03	41.51	.5124-02	.3593	543.6	.3671-05
44	46.800	.70000	1052.0	.3867-01	.4604-01	.5089-01	40.43	1.563	.3754	567.9	.1154-02
44	46.800	.80000	1053.0	.3520-01	.4191-01	.4632-01	40.44	1.424	.3752	567.6	.1051-02
44	46.800	.90000	1054.0	.2787-01	.3318-01	.3667-01	40.45	1.127	.3752	567.5	.8317-03
44	46.800	.97500	1056.0	.1584-01	.1884-01	.2082-01	40.54	.6419	.3738	565.5	.4725-03
25	46.800	1.0450	59.000	.1105-01	.1317-01	.1457-01	39.96	.4417	.3793	572.6	.3307-03
25	46.800	1.0600	60.000	.1034-01	.1232-01	.1363-01	39.92	.4126	.3800	573.6	.3093-03
44	93.600	.60000	1063.0	.5062-01	.6028-01	.6663-01	40.40	2.045	.3758	568.5	.1511-02
44	93.600	.70000	1064.0	.4198-01	.4999-01	.5527-01	40.37	1.695	.3762	569.1	.1253-02
44	93.600	.80000	1065.0	.3268-01	.3890-01	.4300-01	40.47	1.322	.3749	567.1	.9753-03
44	93.600	.90000	1066.0	.2727-01	.3246-01	.3588-01	40.45	1.103	.3751	567.5	.8139-03
44	93.600	.95000	1067.0	.3345-01	.3983-01	.4402-01	40.44	1.353	.3753	567.7	.9984-03
44	93.600	.97500	1068.0	.3203-01	.3813-01	.4214-01	40.47	1.296	.3748	566.9	.9558-03
25	93.600	1.0150	69.000	.1661-01	.1980-01	.2190-01	39.98	.6641	.3791	572.2	.4971-03

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
28	25.00	.0000	7.300	2.953	700.8	1510.	372.2	.1257	133.1	.7930-04	4127.	.1750-01
43	25.00	.0000	7.300	2.981	700.5	1502.	369.9	.1258	132.2	.7980-04	4115.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
28	.0000	.2191
43	.0000	.2190

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
43	46.800	.50000	1050.0	.4637-01	.5512-01	.6086-01	50.99	2.365	.3698	570.2	.1141-02
43	46.800	.60000	1051.0	.1953-03	.2310-03	.2542-03	52.49	.1025-01	.3521	542.8	.4788-05
43	46.800	.70000	1052.0	.3884-01	.4616-01	.5096-01	51.04	1.983	.3692	569.2	.9559-03
43	46.800	.80000	1053.0	.3890-01	.4623-01	.5103-01	51.07	1.987	.3690	568.8	.9573-03
43	46.800	.90000	1054.0	.3349-01	.3979-01	.4392-01	51.10	1.711	.3685	568.1	.8240-03
43	46.800	.97500	1056.0	.2117-01	.2514-01	.2774-01	51.28	1.086	.3664	564.9	.5207-03
28	46.800	1.0450	59.000	.1487-01	.1761-01	.1940-01	52.42	.7797	.3570	553.8	.3663-03
28	46.800	1.0600	60.000	.1343-01	.1591-01	.1752-01	52.38	.7035	.3575	554.5	.3308-03
43	93.600	.50000	1062.0	.1382-02	.1639-02	.1806-02	51.68	.7140-01	.3617	557.7	.3394-04
43	93.600	.60000	1063.0	.5109-01	.6072-01	.6704-01	51.00	2.606	.3697	570.0	.1257-02
43	93.600	.70000	1064.0	.4567-01	.5428-01	.5993-01	51.02	2.330	.3694	569.6	.1124-02
43	93.600	.80000	1065.0	.3627-01	.4310-01	.4758-01	51.10	1.854	.3686	568.2	.8925-03
43	93.600	.90000	1066.0	.3186-01	.3785-01	.4178-01	51.14	1.629	.3681	567.5	.7838-03
43	93.600	.95000	1067.0	.4067-01	.4830-01	.5331-01	51.18	2.081	.3676	566.8	.1000-02
43	93.600	.97500	1068.0	.3864-01	.4589-01	.5063-01	51.27	1.981	.3665	565.1	.9503-03
28	93.600	1.0150	69.000	.1969-01	.2332-01	.2568-01	52.43	1.032	.3569	553.6	.4849-03

OH84C 60-O FUSELAGE (R3QB14)

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE .
27	25.00	.0000	7.300	3.944	859.2	1436.	352.7	.1549	126.1	.1031-03	4018.	.1750-01
42	25.00	.0000	7.300	3.693	883.2	1517.	374.1	.1584	133.7	.9940-04	4138.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
27	.0000	.2420
42	.0000	.2461

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
42	46.800	.50000	1050.0	.4539-01	.5388-01	.5943-01	58.37	2.650	.3651	569.1	.1001-02
42	46.800	.60000	1051.0	.2847-03	.3363-03	.3698-03	60.03	.1709-01	.3478	542.1	.6253-05
42	46.800	.70000	1052.0	.3857-01	.4578-01	.5049-01	58.43	2.254	.3644	568.1	.8503-03
42	46.800	.80000	1053.0	.4453-01	.5284-01	.5828-01	58.45	2.603	.3642	567.8	.9814-03
42	46.800	.90000	1054.0	.4417-01	.5241-01	.5781-01	58.48	2.583	.3639	567.3	.9736-03
42	46.800	.97500	1056.0	.3231-01	.3832-01	.4224-01	58.69	1.897	.3617	563.9	.7119-03
27	46.800	1.0450	59.000	.2376-01	.2829-01	.3127-01	53.31	1.267	.3751	551.5	.5133-03
27	46.800	1.0600	60.000	.2285-01	.2721-01	.3008-01	53.27	1.217	.3756	552.2	.4937-03
42	93.600	.60000	1063.0	.4962-01	.5889-01	.6496-01	58.39	2.897	.3649	568.8	.1094-02
42	93.600	.70000	1064.0	.4605-01	.5466-01	.6029-01	58.41	2.690	.3646	568.5	.1015-02
42	93.600	.80000	1065.0	.3934-01	.4667-01	.5147-01	58.49	2.301	.3638	567.2	.8670-03
42	93.600	.90000	1066.0	.3881-01	.4604-01	.5077-01	58.53	2.271	.3634	566.5	.8552-03
42	93.600	.95000	1067.0	.4713-01	.5590-01	.6164-01	58.57	2.760	.3630	565.9	.1038-02
42	93.600	.97500	1068.0	.4713-01	.5589-01	.6161-01	58.68	2.766	.3619	564.1	.1038-02
27	93.600	1.0150	69.000	.2562-01	.3049-01	.3370-01	53.33	1.366	.3750	551.2	.5533-03

OH84C 60-0 FUSELAGE (R3QC01)

FUSELAGE

PARAMETRIC DATA

MACH = 5.300 ALPHA = 20.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
129	20.00	-3.000	5.300	3.548	377.5	1540.	380.0	.4903	239.3	.1719-03	4019.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
129	.0000	.3147

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
129	.76000-01	350.00	206.00	.8175-01	.9674-01	.1065	77.10	6.303	.3547	561.8	.1368-02

FUSELAGE

PARAMETRIC DATA

MACH = 5.300 ALPHA = 25.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE .
130	25.00	-3.000	5.300	3.747	379.3	1494.	367.9	.4944	231.7	.1791-03	3954.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
130	.0000	.3151

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
130	.76000-01	350.00	206.00	.1912-01	.2269-01	.2503-01	73.59	1.407	.3645	558.8	.3135-03

FUSELAGE

PARAMETRIC DATA

MACH = 5.300 ALPHA = 30.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
126	30.00	.0000	5.300	3.990	376.7	1431.	351.3	.4931	221.2	.1870-03	3864.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
126	.0000	.3132

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
126	.76000-01	350.00	206.00	.1379-02	.1655-02	.1839-02	65.83	.9077-01	.4006	586.5	.2225-04

OH84C 60-O FUSELAGE (R3QC05)

FUSELAGE

PARAMETRIC DATA

MACH = 5.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
127	25.00	.0000	5.300	3.716	377.6	1497.	368.7	.4920	232.2	.1778-03	3958.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
127	.0000	.3144

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
127	.76000-01	350.00	206.00	.2397-01	.2850-01	.3147-01	72.86	1.747	.3706	569.5	.3951-03

FUSELAGE

PARAMETRIC DATA

MACH = 5.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 S	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
128	20.00	.0000	5.300	3.724	377.9	1496.	368.4	.4924	232.0	.1781-03	3957.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
128	.0000	.3145

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
128	.76000-01	350.00	206.00	.6936-01	.8232-01	.9080-01	73.51	5.098	.3649	560.2	.1141-02

OH84C 60-O FUSELAGE (R3QC07)

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
30	20.00	.0000	7.300	1.031	236.1	1479.	363.9	.4245-01	130.1	.2739-04	4081.	.1750-01
51	20.00	.0000	7.300	1.020	237.8	1495.	368.1	.4271-01	131.6	.2723-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
30	.0000	.1271
51	.0000	.1276

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.650	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
30	.76000-01	350.00	206.00	.6655-01	.7902-01	.8719-01	29.28	1.949	.3662	555.4	.2790-02
51	.97500	381.20	1288.0	.9623-01	.1154	.1283	28.13	2.707	.3993	612.6	.4083-02

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
31	20.00	.0000	7.300	1.910	461.2	1526.	376.4	.8267-01	134.5	.5156-04	4150.	.1750-01
50	20.00	.0000	7.300	1.993	464.8	1495.	368.2	.8349-01	131.6	.5323-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
31	.0000	.1779
50	.0000	.1784

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
31	.76000-01	350.00	206.00	.6442-01	.7621-01	.8389-01	43.25	2.786	.3535	554.5	.1968-02
50	.97500	381.20	1288.0	.1281-02	.1526-02	.1688-02	40.85	.5234-01	.3771	578.6	.3867-04

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPOBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
32	20.00	.0000	7.300	2.938	701.0	1515.	373.5	.1257	133.5	.7901-04	4135.	.1750-01
49	20.00	.0000	7.300	2.992	698.3	1496.	368.3	.1254	131.7	.7993-04	4106.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
32	.0000	.2192
49	.0000	.2186

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
32	.76000-01	350.00	206.00	.6421-01	.7607-01	.8381-01	52.47	3.369	.3587	558.3	.1585-02
49	.97500	381.20	1288.0	.4499-02	.5350-02	.5908-02	50.54	.2274	.3716	570.4	.1106-03

OH84C 60-0 FUSELAGE (R3QC10)

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
33	20.00	.0000	7.300	3.582	862.0	1523.	375.5	.1545	134.3	.9659-04	4146.	.1750-01
47	20.00	.0000	7.300	3.655	866.3	1509.	371.9	.1554	133.0	.9811-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
33	.0000	.2431
47	.0000	.2436

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
33	.76000-01	350.00	206.00	.6227-01	.7382-01	.8135-01	58.33	3.633	.3605	564.1	.1392-02
47	.97500	381.20	1288.0	.6301-02	.7482-02	.8256-02	57.35	.3614	.3663	567.8	.1398-03

OH84C 60-0 FUSELAGE (R3QC11)

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BOFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE .
29	25.00	.0000	7.300	1.020	234.3	1482.	364.8	.4213-01	130.4	.2711-04	4086.	.1750-01
45	25.00	.0000	7.300	1.069	235.0	1444.	354.7	.4236-01	126.8	.2803-04	4029.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
29	.0000	.1266
45	.0000	.1266

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
29	.76000-01	350.00	206.00	.6635-01	.7873-01	.8684-01	29.34	1.947	.3643	553.9	.2795-02
45	.97500	381.20	1288.0	.8589-03	.1023-02	.1132-02	27.91	.2397-01	.3780	558.8	.3563-04

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
25	25.00	.0000	7.300	2.041	463.6	1472.	362.2	.8341-01	129.5	.5406-04	4071.	.1750-01
44	25.00	.0000	7.300	2.046	466.4	1475.	363.0	.8389-01	129.8	.5425-04	4076.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
25	.0000	.1780
44	.0000	.1785

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
25	.76000-01	350.00	206.00	.6461-01	.7695-01	.8507-01	40.17	2.595	.3763	568.0	.1932-02
44	.97500	381.20	1288.0	.1623-02	.1931-02	.2135-02	40.48	.6569-01	.3746	566.7	.4842-04

OH84C 60-0 FUSELAGE (R3QC13)

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
28	25.00	.0000	7.300	2.953	700.8	1510.	372.2	.1257	133.1	.7930-04	4127.	.1750-01
43	25.00	.0000	7.300	2.981	700.5	1502.	369.9	.1258	132.2	.7980-04	4115.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
28	.0000	.2191
43	.0000	.2190

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
28	.76000-01	350.00	206.00	.6364-01	.7539-01	.8306-01	52.30	3.329	.3583	555.9	.1568-02
43	.97500	381.20	1288.0	.1813-02	.2153-02	.2377-02	51.15	.9270-01	.3680	567.4	.4459-04

OH84C 60-0 FUSELAGE

(R3QC14)

FUSELAGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
27	25.00	.0000	7.300	3.944	859.2	1436.	352.7	.1549	126.1	.1031-03	4018.	.1750-01
42	25.00	.0000	7.300	3.693	883.2	1517.	374.1	.1584	133.7	.9940-04	4138.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
27	.0000	.2420
42	.0000	.2461

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
27	.76000-01	350.00	206.00	.6340-01	.7555-01	.8357-01	53.01	3.361	.3785	556.5	.1371-02
42	.97500	381.20	1288.0	.1594-02	.1891-02	.2085-02	58.54	.9329-01	.3633	566.3	.3512-04

OH84C 60-O LOWER NOSE (R3QD07)

LOWER NOSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
51	20.00	.0000	7.300	1.020	237.8	1495.	368.1	.4271-01	131.6	.2723-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
51	.0000	.1276

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
51	.25200	4.5530	2037.0	.3697	.4449	.4953	27.67	10.23	.4087	627.0	.1572-01

OH84C 60-0 LOWER NOSE (R3QD08)

LOWER NOSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
50	20.00	.0000	7.300	1.993	464.8	1485.	368.2	.8349-01	131.6	.5323-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
50	.0000	.1784

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
50	.25200	4.5530	2037.0	.2704	.3220	.3559	40.99	11.09	.3750	575.4	.8157-02

OH84C 60-O LOWER NOSE (R30D09)

LOWER NOSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
49	20.00	.0000	7.300	2.992	698.3	1496.	368.3	.1254	131.7	.7993-04	4106.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
49	.0000	.2186

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
49	.25200	4.5530	2037.0	.2714	.3228	.3565	50.55	13.72	.3715	570.2	.6676-02

OH84C 60-O LOWER NOSE (R3QD10)

LOWER NOSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
47	20.00	.0000	7.300	3.655	866.3	1509.	371.9	.1554	133.0	.9811-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
47	.0000	.2436

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
47	.25200	4.5530	2037.0	.2615	.3107	.3430	57.12	14.94	.3687	571.5	.5806-02

OH84C 60-O LOWER NOSE (R3QD11)

LOWER NOSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
45	25.00	.0000	7.300	1.069	235.0	1444.	354.7	.4236-01	126.8	.2803-04	4029.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
45	.0000	.1266

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
45	.25200	4.5530	2037.0	.2948	.3506	.3872	28.24	8.325	.3710	548.4	.1221-01

LOWER NOSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
44	25.00	.0000	7.300	2.046	466.4	1475.	363.0	.8389-01	129.8	.5425-04	4076.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
44	.0000	.1786

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
44	.25200	4.5530	2037.0	.2883	.3433	.3795	40.41	11.65	.3758	568.4	.8607-02

OH84C 60-O LOWER NOSE (R30D13)

LOWER NOSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
43	25.00	.0000	7.300	2.981	700.5	1502.	369.9	.1258	132.2	.7980-04	4115.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
43	.0000	.2190

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
43	.25200	4.5530	2037.0	.2911	.3459	.3818	51.10	14.88	.3686	568.2	.7163-02

LOWER NOSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
42	25.00	.0000	7.300	3.693	883.2	1517.	374.1	.1584	133.7	.9940-04	4138.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
42	.0000	.2461

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
42	.25200	4.5530	2037.0	.2892	.3433	.3786	58.40	16.89	.3648	568.7	.6376-02

OH84C 60-0 LOWER NOSE (R3QE07)

LOWER NOSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
51	20.00	.0000	7.300	1.020	237.8	1495.	368.1	.4271-01	131.6	.2723-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
51	.0000	.1276

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
51	4.5150	5.6960	2039.0	.3207	.3863	.4304	27.54	8.834	.4113	631.0	.1365-01
51	4.5410	5.5240	2038.0	.3330	.4008	.4463	27.64	9.204	.4093	627.9	.1417-01
51	5.6260	6.0020	2041.0	.1913	.2304	.2566	27.66	5.295	.4090	627.5	.8145-02
51	6.3610	5.2660	2045.0	.1971	.2368	.2632	27.97	5.514	.4025	617.5	.8372-02
51	6.3610	5.4700	2046.0	.1614	.1940	.2158	27.87	4.498	.4046	620.8	.6858-02
51	6.3610	5.6730	2047.0	.1596	.1919	.2135	27.83	4.442	.4054	622.0	.6784-02
51	8.6100	4.8930	2065.0	.1011	.1212	.1346	28.24	2.855	.3971	609.2	.4287-02
51	8.6100	5.3880	2070.0	.1401	.1684	.1872	27.92	3.912	.4037	619.3	.5953-02

LOWER NOSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE .
50	20.00	.0000	7.300	1.993	464.8	1495.	388.2	.8349-01	131.6	.5323-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
50	.0000	.1784

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
50	4.5150	5.6960	2039.0	.2355	.2804	.3099	40.94	9.640	.3757	576.5	.7103-02
50	4.5410	5.5240	2038.0	.2456	.2924	.3232	40.97	10.06	.3753	575.8	.7407-02
50	5.6260	6.0020	2041.0	.6698-01	.7972-01	.8809-01	41.05	2.749	.3741	574.1	.2020-02
50	6.3610	5.2660	2045.0	.1015	.1207	.1334	41.17	4.178	.3724	571.4	.3059-02
50	6.3610	5.4700	2046.0	.8038-01	.9562-01	.1056	41.17	3.309	.3724	571.4	.2423-02
50	6.3610	5.6730	2047.0	.6468-01	.7694-01	.8499-01	41.16	2.662	.3724	571.5	.1950-02
50	8.6100	4.8930	2065.0	.2317-01	.2755-01	.3042-01	41.24	.9555	.3712	569.6	.6981-03
50	8.6100	5.3880	2070.0	.5178-01	.6157-01	.6799-01	41.28	2.137	.3708	568.9	.1560-02

LOWER NOSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
49	20.00	.0000	7.300	2.392	698.3	1496.	368.3	.1254	131.7	.7893-04	4106.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
49	.0000	.2186

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
49	4.5150	5.6960	2039.0	.2364	.2812	.3106	50.51	11.94	.3719	570.9	.5816-02
49	4.5410	5.5240	2038.0	.2463	.2929	.3235	50.54	12.45	.3716	570.4	.6058-02
49	5.6260	6.0020	2041.0	.6761-01	.8037-01	.8874-01	50.68	3.427	.3699	567.8	.1662-02
49	6.3610	5.2660	2045.0	.1023	.1215	.1342	50.73	5.187	.3694	567.0	.2514-02
49	6.3610	5.4700	2046.0	.8043-01	.9560-01	.1055	50.72	4.080	.3695	567.1	.1977-02
49	6.3610	5.6730	2047.0	.6486-01	.7709-01	.8511-01	50.71	3.289	.3695	567.3	.1594-02
49	8.6100	4.8930	2065.0	.2367-01	.2813-01	.3105-01	50.73	1.201	.3693	567.0	.5817-03
49	8.6100	5.3880	2070.0	.5233-01	.6219-01	.6866-01	50.73	2.655	.3693	567.0	.1286-02

OH84C 60-0 LOWER NOSE (R3QE10)

LOWER NOSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
47	20.00	.0000	7.300	3.655	866.3	1509.	371.9	.1554	133.0	.9811-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
47	.0000	.2436

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
47	4.5150	5.6960	2039.0	.2288	.2719	.3001	57.09	13.06	.3691	572.1	.5079-02
47	4.5410	5.5240	2038.0	.2376	.2823	.3116	57.12	13.57	.3687	571.5	.5274-02
47	5.6260	6.0020	2041.0	.6506-01	.7726-01	.8526-01	57.31	3.729	.3668	568.5	.1444-02
47	6.3610	5.2660	2045.0	.9885-01	.1174	.1295	57.37	5.671	.3661	567.4	.2193-02
47	6.3610	5.4700	2046.0	.7798-01	.9259-01	.1022	57.38	4.475	.3660	567.3	.1730-02
47	6.3610	5.6730	2047.0	.6306-01	.7487-01	.8260-01	57.37	3.618	.3661	567.4	.1399-02
47	8.6100	4.8930	2065.0	.2374-01	.2819-01	.3110-01	57.40	1.363	.3657	566.9	.5268-03
47	8.6100	5.3880	2070.0	.5062-01	.6010-01	.6630-01	57.41	2.907	.3656	566.7	.1123-02

OH84C 60-0 LOWER NOSE (R3QE11)

LOWER NOSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
45	25.00	.0000	7.300	1.069	235.0	1444.	354.7	.4236-01	126.8	.2803-04	4029.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
45	.0000	.1266

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
45	4.5150	5.6980	2039.0	.2353	.2798	.3090	28.22	6.640	.3713	548.8	.9743-02
45	4.5410	5.5240	2038.0	.2598	.3089	.3411	28.24	7.335	.3710	548.4	.1076-01
45	5.6260	6.0020	2041.0	.6707-01	.7972-01	.8801-01	28.30	1.898	.3695	546.3	.2776-02
45	6.3610	5.2660	2045.0	.1161	.1380	.1523	28.35	3.291	.3686	544.9	.4805-02
45	6.3610	5.4700	2046.0	.8296-01	.9857-01	.1088	28.35	2.352	.3685	544.8	.3433-02
45	6.3610	5.6730	2047.0	.6466-01	.7683-01	.8481-01	28.35	1.833	.3685	544.8	.2676-02
45	8.6100	4.8930	2065.0	.2994-01	.3559-01	.3929-01	28.27	.8464	.3702	547.2	.1239-02
45	8.6100	5.3880	2070.0	.5689-01	.6760-01	.7463-01	28.33	1.612	.3689	545.4	.2354-02

LOWER NOSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
44	25.00	.0000	7.300	2.046	466.4	1475.	363.0	.8389-01	129.8	.5425-04	4076.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
44	.0000	.1786

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
44	4.5150	5.6960	2039.0	.2265	.2697	.2982	40.39	9.148	.3760	568.7	.6761-02
44	4.5410	5.5240	2038.0	.2536	.3019	.3338	40.41	10.25	.3757	568.4	.7569-02
44	5.6260	6.0020	2041.0	.6531-01	.7773-01	.8590-01	40.50	2.645	.3743	566.2	.1949-02
44	6.3610	5.2660	2045.0	.1134	.1350	.1491	40.54	4.597	.3738	565.5	.3384-02
44	6.3610	5.4700	2046.0	.8108-01	.9649-01	.1056	40.54	3.287	.3738	565.4	.2419-02
44	6.3610	5.6730	2047.0	.6207-01	.7387-01	.8163-01	40.54	2.516	.3738	565.5	.1852-02
44	8.6100	4.8930	2065.0	.2957-01	.3520-01	.3890-01	40.50	1.198	.3744	566.3	.8825-03
44	8.6100	5.3880	2070.0	.5468-01	.6508-01	.7191-01	40.53	2.216	.3740	565.7	.1632-02

OH84C 60-O LOWER NOSE (R3QE13)

LOWER NOSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
43	25.00	.0000	7.300	2.981	700.5	1502.	369.9	.1258	132.2	.7980-04	4115.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
43	.0000	.2190

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
43	4.5150	5.6960	2039.0	.2292	.2723	.3006	51.10	11.71	.3686	568.3	.5638-02
43	4.5410	5.5240	2038.0	.2561	.3043	.3359	51.11	13.09	.3684	567.9	.6301-02
43	5.6260	6.0020	2041.0	.6628-01	.7871-01	.8686-01	51.26	3.397	.3667	565.3	.1630-02
43	6.3610	5.2660	2045.0	.1151	.1367	.1509	51.25	5.901	.3667	565.4	.2831-02
43	6.3610	5.4700	2046.0	.8191-01	.9727-01	.1073	51.26	4.199	.3666	565.2	.2014-02
43	6.3610	5.6730	2047.0	.6261-01	.7435-01	.8204-01	51.26	3.209	.3667	565.3	.1540-02
43	8.6100	4.8930	2065.0	.3094-01	.3675-01	.4057-01	51.13	1.582	.3682	567.7	.7611-03
43	8.6100	5.3880	2070.0	.5545-01	.6587-01	.7270-01	51.17	2.838	.3677	566.9	.1364-02

OH84C 60-O LOWER NOSE (R3QE14)

LOWER NOSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
42	25.00	.0000	7.300	3.693	883.2	1517.	374.1	.1584	133.7	.9940-04	4138.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
42	.0000	.2461

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
42	4.5150	5.6960	2039.0	.2301	.2731	.3012	58.39	13.43	.3649	568.9	.5072-02
42	4.5410	5.5240	2038.0	.2548	.3024	.3335	58.41	14.88	.3646	568.4	.5617-02
42	5.6260	6.0020	2041.0	.6622-01	.7853-01	.8659-01	58.62	3.882	.3624	565.0	.1459-02
42	6.3610	5.2660	2045.0	.1147	.1361	.1500	58.64	6.727	.3623	564.7	.2527-02
42	6.3610	5.4700	2046.0	.8176-01	.9696-01	.1069	58.65	4.795	.3621	564.5	.1801-02
42	6.3610	5.6730	2047.0	.6282-01	.7450-01	.8214-01	58.65	3.684	.3622	564.6	.1384-02
42	8.6100	4.8930	2065.0	.3214-01	.3813-01	.4205-01	58.51	1.880	.3637	566.9	.7082-03
42	8.6100	5.3880	2070.0	.5537-01	.6569-01	.7243-01	58.57	3.243	.3630	565.9	.1220-02

OH84C 60-0 LOWER MID FUSELAGE (R3QF07)

LWR MID FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
51	20.00	.0000	7.300	1.020	237.8	1495.	368.1	.4271-01	131.6	.2723-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
51	.0000	.1276

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
51	13.107	1.9620	2115.0	.1724	.2075	.2309	27.72	4.780	.4077	625.4	.7333-02
51	13.107	2.1420	2116.0	.1728	.2084	.2323	27.38	4.730	.4147	636.3	.7361-02
51	13.107	2.3220	2117.0	.1473	.1780	.1987	27.12	3.995	.4200	644.3	.6286-02
51	13.107	2.4480	2118.0	.1176	.1421	.1585	27.20	3.200	.4183	641.8	.5018-02
51	13.170	.78000	2107.0	.1725	.2069	.2299	28.09	4.845	.4000	613.7	.7318-02
51	13.207	1.7820	2114.0	.1925	.2313	.2573	27.91	5.374	.4037	619.4	.8179-02
51	15.356	1.8370	2130.0	.1471	.1765	.1962	28.05	4.125	.4009	615.1	.6242-02
51	15.356	2.0460	2131.0	.1869	.2244	.2495	27.97	5.228	.4025	617.5	.7936-02
51	15.356	2.2500	2132.0	.1883	.2264	.2519	27.83	5.242	.4053	621.9	.8004-02
51	15.356	2.4530	2133.0	.1923	.2314	.2577	27.67	5.320	.4088	627.2	.8180-02
51	15.356	2.6630	2134.0	.1707	.2056	.2291	27.52	4.697	.4119	631.9	.7267-02
51	15.356	2.8160	2135.0	.1277	.1540	.1717	27.42	3.503	.4139	635.0	.5442-02

LWR MID FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
50	20.00	.0000	7.300	1.993	464.8	1495.	368.2	.8349-01	131.6	.5323-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
50	.0000	.1784

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
50	13.107	1.9620	2115.0	.5468-01	.6506-01	.7189-01	41.09	2.247	.3734	573.0	.1649-02
50	13.107	2.1420	2116.0	.5880-01	.6999-01	.7735-01	41.01	2.411	.3746	574.9	.1773-02
50	13.107	2.3220	2117.0	.5725-01	.6818-01	.7538-01	40.89	2.341	.3764	577.5	.1727-02
50	13.107	2.4480	2118.0	.4617-01	.5501-01	.6083-01	40.82	1.885	.3774	579.1	.1393-02
50	13.170	.78000	2107.0	.3304-01	.3930-01	.4341-01	41.18	1.360	.3722	571.2	.9958-03
50	13.207	1.7820	2114.0	.5809-01	.6912-01	.7637-01	41.09	2.386	.3736	573.2	.1751-02
50	15.356	1.8370	2130.0	.3565-01	.4243-01	.4689-01	41.05	1.464	.3741	574.0	.1075-02
50	15.356	2.0460	2131.0	.4981-01	.5928-01	.6551-01	41.04	2.044	.3742	574.2	.1502-02
50	15.356	2.2500	2132.0	.5613-01	.6683-01	.7386-01	40.99	2.301	.3750	575.5	.1693-02
50	15.356	2.4530	2133.0	.6583-01	.7838-01	.8664-01	40.96	2.696	.3755	576.1	.1986-02
50	15.356	2.6630	2134.0	.7109-01	.8465-01	.9358-01	40.92	2.909	.3760	577.0	.2145-02
50	15.356	2.8160	2135.0	.6140-01	.7313-01	.8086-01	40.87	2.509	.3768	578.2	.1853-02

OH84C 60-0 LOWER MID FUSELAGE (R3QF09)

LWR MID FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
49	20.00	.0000	7.300	2.992	698.3	1496.	368.3	.1254	131.7	.7993-04	4106.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
49	.0000	.2186

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
49	13.107	1.9620	2115.0	.5542-01	.6588-01	.7275-01	50.64	2.806	.3704	568.6	.1363-02
49	13.107	2.1420	2116.0	.5948-01	.7072-01	.7810-01	50.60	3.010	.3709	569.3	.1463-02
49	13.107	2.3220	2117.0	.5642-01	.6711-01	.7414-01	50.49	2.849	.3722	571.4	.1388-02
49	13.107	2.4480	2118.0	.4552-01	.5415-01	.5983-01	50.45	2.296	.3727	572.2	.1120-02
49	13.170	.78000	2107.0	.3275-01	.3892-01	.4297-01	50.77	1.663	.3689	566.2	.8051-03
49	13.207	1.7820	2114.0	.5709-01	.6786-01	.7492-01	50.71	2.895	.3696	567.3	.1404-02
49	15.356	1.8370	2130.0	.3555-01	.4226-01	.4666-01	50.67	1.801	.3701	568.1	.8740-03
49	15.356	2.0460	2131.0	.5107-01	.6070-01	.6703-01	50.66	2.587	.3702	568.2	.1255-02
49	15.356	2.2500	2132.0	.5691-01	.6766-01	.7473-01	50.60	2.879	.3709	569.4	.1399-02
49	15.356	2.4530	2133.0	.6691-01	.7957-01	.8788-01	50.56	3.383	.3714	570.0	.1646-02
49	15.356	2.6630	2134.0	.7051-01	.8385-01	.9262-01	50.53	3.563	.3717	570.5	.1734-02
49	15.356	2.8160	2135.0	.6223-01	.7402-01	.8177-01	50.49	3.142	.3722	571.3	.1531-02

LWR MID FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
47	20.00	.0000	7.300	3.655	866.3	1509.	371.9	.1554	133.0	.9811-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
47	.0000	.2436

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
47	13.107	1.9620	2115.0	.5305-01	.6299-01	.6950-01	57.37	3.043	.3662	567.6	.1177-02
47	13.107	2.1420	2116.0	.5788-01	.6874-01	.7586-01	57.28	3.315	.3671	569.0	.1284-02
47	13.107	2.3220	2117.0	.5384-01	.6397-01	.7060-01	57.20	3.080	.3679	570.3	.1195-02
47	13.107	2.4480	2118.0	.4461-01	.5300-01	.5851-01	57.14	2.549	.3685	571.2	.9903-03
47	13.170	.78000	2107.0	.3095-01	.3674-01	.4052-01	57.46	1.778	.3652	566.1	.6865-03
47	13.207	1.7820	2114.0	.5498-01	.6528-01	.7202-01	57.38	3.155	.3660	567.3	.1220-02
47	15.356	1.8370	2130.0	.3420-01	.4061-01	.4480-01	57.41	1.964	.3657	566.9	.7588-03
47	15.356	2.0460	2131.0	.4843-01	.5749-01	.6343-01	57.39	2.779	.3659	567.2	.1074-02
47	15.356	2.2500	2132.0	.5424-01	.6441-01	.7107-01	57.34	3.111	.3664	567.9	.1204-02
47	15.356	2.4530	2133.0	.6255-01	.7428-01	.8197-01	57.29	3.584	.3669	568.7	.1388-02
47	15.356	2.6630	2134.0	.6756-01	.8024-01	.8854-01	57.28	3.870	.3671	569.0	.1499-02
47	15.356	2.8160	2135.0	.5981-01	.7104-01	.7840-01	57.23	3.423	.3676	569.8	.1327-02

LWR MID FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
45	25.00	.0000	7.300	1.069	235.0	1444.	354.7	.4236-01	126.8	.2803-04	4029.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
45	.0000	.1266

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
45	13.107	1.9620	2115.0	.6882-01	.8186-01	.9043-01	28.18	1.939	.3722	550.2	.2851-02
45	13.107	2.1420	2116.0	.7582-01	.9020-01	.9964-01	28.16	2.135	.3725	550.7	.3141-02
45	13.107	2.3220	2117.0	.6889-01	.8197-01	.9057-01	28.12	1.937	.3734	552.0	.2854-02
45	13.107	2.4480	2118.0	.5298-01	.6305-01	.6967-01	28.10	1.489	.3739	552.8	.2195-02
45	13.170	.78000	2107.0	.4563-01	.5427-01	.5995-01	28.19	1.286	.3720	550.0	.1890-02
45	13.207	1.7820	2114.0	.7339-01	.8731-01	.9645-01	28.17	2.068	.3724	550.5	.3040-02
45	15.356	1.8370	2130.0	.4489-01	.5342-01	.5903-01	28.12	1.262	.3735	552.2	.1860-02
45	15.356	2.0460	2131.0	.6196-01	.7372-01	.8146-01	28.12	1.742	.3734	552.0	.2567-02
45	15.356	2.2500	2132.0	.6814-01	.8109-01	.8960-01	28.11	1.916	.3737	552.4	.2824-02
45	15.356	2.4530	2133.0	.7812-01	.9297-01	.1027	28.10	2.195	.3739	552.7	.3237-02
45	15.356	2.6630	2134.0	.8129-01	.9675-01	.1069	28.08	2.283	.3743	553.4	.3369-02
45	15.356	2.8160	2135.0	.6794-01	.8086-01	.8937-01	28.08	1.907	.3744	553.5	.2816-02

OH84C 60-O LOWER MID FUSELAGE (R3QF12)

LWR MID FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 ^{6}	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
44	25.00	.0000	7.300	2.048	466.4	1475.	363.0	.8389-01	129.8	.5425-04	4076.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
44	.0000	.1786

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
44	13.107	1.9620	2115.0	.6557-01	.7807-01	.8529-01	40.44	2.652	.3753	567.7	.1957-02
44	13.107	2.1420	2116.0	.7143-01	.8506-01	.9402-01	40.42	2.887	.3756	568.1	.2132-02
44	13.107	2.3220	2117.0	.6563-01	.7817-01	.8642-01	40.36	2.649	.3765	569.5	.1959-02
44	13.107	2.4480	2118.0	.5083-01	.6055-01	.6694-01	40.33	2.050	.3769	570.1	.1518-02
44	13.170	.78000	2107.0	.4395-01	.5232-01	.5782-01	40.47	1.779	.3748	567.0	.1312-02
44	13.207	1.7820	2114.0	.6994-01	.8327-01	.9204-01	40.44	2.829	.3752	567.6	.2088-02
44	15.356	1.8370	2130.0	.4321-01	.5144-01	.5687-01	40.43	1.747	.3755	568.0	.1290-02
44	15.356	2.0460	2131.0	.5993-01	.7135-01	.7897-01	40.43	2.423	.3754	567.9	.1789-02
44	15.356	2.2500	2132.0	.6521-01	.7764-01	.8583-01	40.41	2.635	.3757	568.3	.1946-02
44	15.356	2.4530	2133.0	.7366-01	.8771-01	.9697-01	40.39	2.975	.3760	568.8	.2199-02
44	15.356	2.6630	2134.0	.7808-01	.9299-01	.1028	40.36	3.151	.3764	569.4	.2331-02
44	15.356	2.8160	2135.0	.6492-01	.7732-01	.8549-01	40.35	2.620	.3766	569.6	.1938-02

OH84C 60-0 LOWER MID FUSELAGE (R3QF13)

LWR MID FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BOFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
43	25.00	.0000	7.300	2.981	700.5	1502.	369.9	.1258	132.2	.7980-04	4115.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
43	.0000	.2190

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
43	13.107	1.9620	2115.0	.6529-01	.7759-01	.8566-01	51.04	3.332	.3693	569.3	.1607-02
43	13.107	2.1420	2116.0	.7112-01	.8452-01	.9332-01	51.03	3.629	.3694	569.5	.1750-02
43	13.107	2.3220	2117.0	.6459-01	.7678-01	.8478-01	50.96	3.[illegible]2	.3702	570.7	.1590-02
43	13.107	2.4480	2118.0	.5083-01	.6043-01	.6673-01	50.94	2.590	.3704	571.0	.1251-02
43	13.170	.78000	2107.0	.4390-01	.5216-01	.5758-01	51.07	2.242	.3689	568.7	.1080-02
43	13.207	1.7820	2114.0	.6973-01	.8286-01	.9148-01	51.05	3.560	.3691	569.1	.1716-02
43	15.356	1.8370	2130.0	.4292-01	.5101-01	.5632-01	51.03	2.190	.3694	569.5	.1056-02
43	15.356	2.0460	2131.0	.5964-01	.7087-01	.7825-01	51.04	3.044	.3693	569.4	.1468-02
43	15.356	2.2500	2132.0	.6518-01	.7747-01	.8553-01	51.01	3.325	.3696	569.8	.1604-02
43	15.356	2.4530	2133.0	.7376-01	.8768-01	.9681-01	50.98	3.761	.3699	570.3	.1815-02
43	15.356	2.6630	2134.0	.7671-01	.9118-01	.1007	50.98	3.911	.3700	570.4	.1888-02
43	15.356	2.8160	2135.0	.6500-01	.7726-01	.8532-01	50.96	3.312	.3702	570.8	.1600-02

LWR MID FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
42	25.00	.0000	7.300	3.693	883.2	1517.	374.1	.1584	133.7	.9940-04	4138.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
42	.0000	.2461

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
42	13.107	1.9620	2115.0	.6553-01	.7777-01	.9579-01	58.41	3.828	.3647	568.5	.1445-02
42	13.107	2.1420	2116.0	.7000-01	.8309-01	.9167-01	58.35	4.085	.3652	569.4	.1543-02
42	13.107	2.3220	2117.0	.6217-01	.7380-01	.8142-01	58.33	3.626	.3655	569.8	.1371-02
42	13.107	2.4480	2118.0	.4918-01	.5839-01	.6442-01	58.32	2.868	.3656	570.0	.1084-02
42	13.170	.78000	2107.0	.4230-01	.5019-01	.5535-01	58.49	2.474	.3638	567.1	.9323-03
42	13.207	1.7820	2114.0	.6751-01	.8011-01	.8835-01	58.47	3.947	.3640	567.5	.1488-02
42	15.356	1.8370	2130.0	.4194-01	.4978-01	.5490-01	58.42	2.450	.3646	568.3	.9245-03
42	15.356	2.0460	2131.0	.5946-01	.7056-01	.7783-01	58.42	3.474	.3645	568.3	.1311-02
42	15.356	2.2500	2132.0	.6561-01	.7787-01	.8590-01	58.39	3.831	.3649	568.8	.1446-02
42	15.356	2.4530	2133.0	.7302-01	.8668-01	.9561-01	58.36	4.262	.3652	569.3	.1610-02
42	15.356	2.6630	2134.0	.7355-01	.8731-01	.9631-01	58.34	4.291	.3654	569.6	.1622-02
42	15.356	2.8160	2135.0	.6387-01	.7583-01	.8365-01	58.32	3.725	.3656	570.0	.1408-02

OH84C 60-O LOWER AFT FUSELAGE (R3QG07)

LWR AFT FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
37	20.00	.0000	7.300	1.014	236.3	1494.	368.0	.4244-01	131.5	.2707-04	4104.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
37	.0000	.1272

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
37	24.329	1.8190	2186.0	.2251-01	.2676-01	.2955-01	29.42	.6621	.3706	568.3	.9508-03
37	24.925	1.8830	2187.0	.2346-01	.2789-01	.3079-01	29.46	.6912	.3698	567.1	.9911-03
37	25.476	1.9110	2188.0	.3233-01	.3844-01	.4246-01	29.39	.9501	.3712	569.3	.1366-02
37	25.923	1.9810	2189.0	.2947-01	.3505-01	.3872-01	29.36	.8655	.3717	570.1	.1246-02

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 LOWER AFT FUSELAGE

LWR AFT FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE .
36	20.00	.0000	7.300	1.959	465.4	1511.	372.5	.8349-01	133.2	.5261-04	4129.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
36	.0000	.1786

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
36	24.329	1.8190	2186.0	.2083-01	.2473-01	.2728-01	42.18	.8788	.3652	566.9	.6311-03
36	24.925	1.8830	2187.0	.2388-01	.2834-01	.3126-01	42.22	1.008	.3647	566.1	.7233-03
36	25.476	1.9110	2188.0	.3356-01	.3986-01	.4398-01	42.07	1.412	.3668	569.5	.1017-02
36	25.923	1.9810	2189.0	.3047-01	.3520-01	.3996-01	41.97	1.279	.3682	571.6	.9238-03

OH84C 60-0 LOWER AFT FUSELAGE

LWR AFT FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
35	20.00	.0000	7.300	2.885	697.2	1527.	376.5	.1249	134.6	.7789-04	4151.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
35	.0000	.2187

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
35	24.329	1.8190	2186.0	.1972-01	.2336-01	.2573-01	52.83	1.042	.3579	561.7	.4906-03
35	24.925	1.8830	2187.0	.2535-01	.3002-01	.3307-01	52.85	1.340	.3576	561.1	.6305-03
35	25.476	1.9110	2188.0	.3476-01	.4118-01	.4538-01	52.76	1.834	.3587	562.9	.8649-03
35	25.923	1.9810	2189.0	.3006-01	.3562-01	.3924-01	52.72	1.585	.3591	563.6	.7479-03

OH84C 60-0 LOWER AFT FUSELAGE (R3QG10)

LWR AFT FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
34	20.00	.0000	7.300	3.476	865.4	1554.	383.6	.1548	127.1	.9472-04	4190.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
34	.0000	.2439

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
34	24.329	1.8190	2186.0	.2160-01	.2555-01	.2812-01	60.45	1.306	.3532	564.7	.4874-03
34	24.925	1.8930	2187.0	.2511-01	.2970-01	.3269-01	60.49	1.519	.3528	564.0	.5567-03
34	25.476	1.9110	2188.0	.3527-01	.4172-01	.4591-01	60.47	2.133	.3529	564.3	.7959-03
34	25.923	1.9310	2189.0	.3229-01	.3819-01	.4203-01	60.51	1.954	.3526	563.7	.7286-03

LWR AFT FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE .
38	25.00	.0000	7.300	1.042	236.6	1471.	362.0	.4257-01	129.4	.2760-04	4070.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
38	.0000	.1272

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
38	24.329	1.8190	2186.0	.2692-01	.3205-01	.3542-01	28.73	.7732	.3753	566.1	.1126-02
38	24.925	1.8830	2187.0	.2900-01	.3452-01	.3814-01	28.78	.8345	.3742	564.6	.1213-02
38	25.476	1.9110	2188.0	.4129-01	.4916-01	.5434-01	28.74	1.187	.3750	565.8	.1728-02
38	25.923	1.9810	2189.0	.3792-01	.4514-01	.4989-01	28.75	1.090	.3747	565.2	.1586-02

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
39	25.00	.0000	7.300	1.931	465.6	1525.	375.9	.8346-01	134.4	.5211-04	4148.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
39	.0000	.1787

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.650	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
39	24.329	1.8190	2186.0	.2396-01	.2835-01	.3121-01	43.40	1.040	.3536	554.1	.7281-03
39	24.925	1.8830	2187.0	.3060-01	.3620-01	.3984-01	43.41	1.328	.3534	553.7	.9296-03
39	25.476	1.9110	2188.0	.4133-01	.4889-01	.5382-01	43.40	1.794	.3537	554.1	.1256-02
39	25.923	1.9810	2189.0	.3036-01	.4301-01	.4734-01	43.42	1.579	.3533	553.6	.1104-02

OH84C 60-0 LOWER AFT FUSELAGE (R30G13)

LWR AFT FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE .
40	25.00	.0000	7.300	2.929	702.3	1520.	374.7	.1259	133.9	.7890-04	4141.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
40	.0000	.2195

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
40	24.329	1.8190	2186.0	.2973-01	.3516-01	.3869-01	53.25	1.583	.3520	549.6	.7337-03
40	24.925	1.8830	2187.0	.3329-01	.3937-01	.4333-01	53.23	1.772	.3522	550.0	.8216-03
40	25.476	1.9110	2188.0	.4483-01	.5278-01	.5809-01	53.21	2.375	.3526	550.5	.1101-02
40	25.923	1.9810	2189.0	.4044-01	.4783-01	.5264-01	53.22	2.152	.3524	550.2	.9981-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 LOWER AFT FUSELAGE

LWR AFT FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
41	25.00	.0000	7.300	3.654	869.2	1513.	372.8	.1559	133.3	.9818-04	4131.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
41	.0000	.2441

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
41	24.329	1.8190	2186.0	.3564-01	.4222-01	.4651-01	58.36	2.080	.3582	556.6	.7892-03
41	24.925	1.8830	2187.0	.3825-01	.4531-01	.4991-01	58.39	2.234	.3578	556.0	.8470-03
41	25.476	1.9110	2188.0	.5144-01	.6094-01	.6715-01	58.30	2.999	.3588	557.5	.1139-02
41	25.923	1.9810	2189.0	.4775-01	.5658-01	.6234-01	58.26	2.782	.3592	558.1	.1058-02

OH84C 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3Q107)

AFT FUSE,ELEVON

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
51	20.00	.0000	7.300	1.020	237.8	1495.	368.1	.4271-01	131.6	.2723-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
51	.0000	.1276

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
51	4.6920	24.913	2342.0	.1586	.1911	.2128	27.55	4.369	.4113	631.0	.6752-02
51	4.7220	25.475	2343.0	.1454	.1757	.1961	27.13	3.945	.4199	644.2	.6206-02
51	4.7590	26.038	2344.0	.1357	.1642	.1834	26.98	3.661	.4230	649.0	.5797-02
51	4.9020	24.576	2336.0	.8136-01	.9809-01	.1093	27.42	2.230	.4140	635.1	.3466-02
51	4.9020	24.913	2337.0	.1380	.1664	.1855	27.38	3.777	.4147	636.3	.5879-02
51	4.9020	25.575	2338.0	.8878-02	.1055-01	.1166-01	29.53	.2622	.3705	568.3	.3740-03
51	4.9020	26.138	2339.0	.1328	.1607	.1796	26.89	3.570	.4248	651.7	.5674-02
51	5.5650	24.576	2320.0	.8648-01	.1038	.1154	27.99	2.420	.4022	617.0	.3671-02
51	5.5650	24.913	2321.0	.1642-02	.1960-02	.2171-02	28.89	.4744-01	.3837	588.6	.6940-04
51	5.5650	26.038	2323.0	.1077	.1297	.1445	27.59	2.972	.4103	629.5	.4584-02

OH84C 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3Q108)

AFT FUSE,ELEVON

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
50	20.00	.0000	7.300	1.993	464.8	1495.	368.2	.8349-01	131.6	.5323-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
50	.0000	.1784

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
50	4.6920	24.913	2342.0	.4593-01	.5475-01	.6057-01	40.67	1.868	.3796	582.5	.1387-02
50	4.7220	25.475	2343.0	.7379-01	.8800-01	.9737-01	40.60	2.995	.3808	584.2	.2229-02
50	4.7590	26.038	2344.0	.5730-01	.6835-01	.7563-01	40.58	2.326	.3810	584.6	.1731-02
50	4.9020	24.576	2336.0	.1845-01	.2200-01	.2434-01	40.65	.7501	.3800	583.1	.5573-03
50	4.9020	24.913	2337.0	.4311-01	.5140-01	.5687-01	40.65	1.753	.3799	582.9	.1302-02
50	4.9020	26.138	2339.0	.4511-01	.5381-01	.5955-01	40.56	1.830	.3813	585.1	.1363-02
50	5.5650	26.038	2323.0	.9929-02	.1183-01	.1309-01	40.75	.4046	.3785	580.8	.2997-03

OH84C 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3Q109)

AFT FUSE,ELEVON

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
49	20.00	.0000	7.300	2.992	698.3	1496.	368.3	.1254	131.7	.7993-04	4106.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
49	.0000	.2186

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
49	4.6920	24.913	2342.0	.4750-01	.5652-01	.6244-01	50.41	2.395	.3732	572.8	.1169-02
49	4.7220	25.475	2343.0	.7719-01	.9165-01	.1015	50.36	3.887	.3738	573.8	.1899-02
49	4.7590	26.038	2344.0	.6177-01	.7351-01	.8122-01	50.36	3.111	.3738	573.7	.1520-02
49	4.9020	24.576	2336.0	.1840-01	.2189-01	.2419-01	50.38	.9269	.3735	573.3	.4527-03
49	4.9020	24.913	2337.0	.4214-01	.5014-01	.5540-01	50.39	2.124	.3734	573.2	.1037-02
49	4.9020	26.138	2339.0	.4812-01	.5726-01	.6327-01	50.37	2.424	.3736	573.6	.1184-02
49	5.5650	26.038	2323.0	.9177-02	.1092-01	.1206-01	50.47	.4632	.3724	571.7	.2258-03

OH84C 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3Q110)

AFT FUSE,ELEVON

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
47	20.00	.0000	7.300	3.655	966.3	1509.	371.9	.1554	133.0	.9811-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
47	.0000	.2436

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
47	4.6920	24.913	2342.0	.4542-01	.5395-01	.5955-01	57.23	2.600	.3676	569.8	.1008-02
47	4.7220	25.475	2343.0	.7485-01	.8892-01	.9815-01	57.19	4.281	.3680	570.4	.1661-02
47	4.7590	26.038	2344.0	.6100-01	.7247-01	.7999-01	57.19	3.489	.3680	570.4	.1354-02
47	4.9020	24.576	2336.0	.1871-01	.2222-01	.2453-01	57.24	1.071	.3675	569.7	.4152-03
47	4.9020	24.913	2337.0	.3984-01	.4732-01	.5223-01	57.24	2.280	.3675	569.7	.8842-03
47	4.9020	25.138	2339.0	.4728-01	.5617-01	.6200-01	57.19	2.703	.3682	570.6	.1049-02
47	5.5650	24.576	2320.0	.3396-02	.4031-02	.4448-02	57.38	.1948	.3660	567.3	.7534-04
47	5.5650	26.038	2323.0	.1165-01	.1384-01	.1527-01	57.31	.6677	.3668	568.5	.2585-03

OH84C 60-O AFT FUSELAGE AND ELEVON SPLIT LINE (R3Q111)

AFT FUSE,ELEVON

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
45	25.00	.0000	7.300	1.069	235.0	1444.	354.7	.4236-01	126.8	.2803-04	4029.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
45	.0000	.1265

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
45	4.6920	24.913	2342.0	.5883-01	.7009-01	.7750-01	27.95	1.644	.3772	557.6	.2440-02
45	4.7220	25.475	2343.0	.8628-01	.1028	.1136	27.95	2.412	.3771	557.4	.3578-02
45	4.7590	26.038	2344.0	.6619-01	.7892-01	.8714-01	28.00	1.853	.3761	556.0	.2744-02
45	4.9020	24.576	2336.0	.2359-01	.2810-01	.3107-01	27.95	.6595	.3770	557.4	.9783-03
45	4.9020	24.913	2337.0	.5605-01	.6677-01	.7393-01	27.95	1.567	.3771	557.5	.2324-02
45	4.9020	26.138	2339.0	.5239-01	.6239-01	.6898-01	27.99	1.466	.3763	556.3	.2172-02
45	5.5650	24.576	2320.0	.1526-02	.1818-02	.2011-02	27.93	.4262-01	.3776	558.2	.6329-04
45	5.5650	26.038	2323.0	.4062-03	.4841-03	.5353-03	27.91	.1134-01	.3780	558.8	.1685-04

OH84C 60-O AFT FUSELAGE AND ELEVON SPLIT LINE (R30112)

AFT FUSE,ELEVON

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
44	25.00	.0000	7.300	2.046	466.4	1475.	363.0	.8389-01	129.8	.5425-04	4076.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
44	.0000	.1786

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
44	4.6920	24.913	2342.0	.5389-01	.6416-01	.7092-01	40.45	2.180	.3752	567.5	.1608-02
44	4.7220	25.475	2343.0	.8341-01	.9931-01	.1098	40.43	3.372	.3754	567.8	.2490-02
44	4.7590	26.038	2344.0	.6564-01	.7814-01	.8637-01	40.46	2.655	.3750	567.3	.1959-02
44	4.9020	24.576	2336.0	.2204-01	.2624-01	.2900-01	40.45	.8915	.3751	567.4	.6578-03
44	4.9020	24.913	2337.0	.5191-01	.6180-01	.6831-01	40.45	2.100	.3751	567.5	.1549-02
44	4.9020	25.575	2338.0	.2997-03	.3551-03	.3913-03	41.50	.1244-01	.3595	543.8	.8911-05
44	4.9020	26.138	2339.0	.5298-01	.6307-01	.6972-01	40.45	2.143	.3752	567.5	.1581-02
44	5.5650	24.576	2320.0	.1594-02	.1897-02	.2097-02	40.49	.6455-01	.3745	566.4	.4757-04
44	5.5650	26.038	2323.0	.3284-03	.3909-03	.4321-03	40.47	.1329-01	.3749	567.0	.9800-05

AFT FUSE,ELEVON

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
43	25.00	.0000	7.300	2.981	700.5	1502.	369.9	.1258	132.2	.7980-04	4115.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
43	.0000	.2190

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
43	4.6920	24.913	2342.0	.5984-01	.7108-01	.7945-01	51.17	3.062	.3677	566.9	.1472-02
43	4.7220	25.475	2343.0	.9061-01	.1076	.1189	51.19	4.638	.3675	566.5	.2229-02
43	4.7590	26.038	2344.0	.7163-01	.8506-01	.9385-01	51.28	3.673	.3664	564.9	.1762-02
43	4.9020	24.576	2336.0	.2359-01	.2801-01	.3091-01	51.18	1.207	.3676	566.8	.5801-03
43	4.9020	24.913	2337.0	.5222-01	.6202-01	.6845-01	51.19	2.673	.3675	566.6	.1284-02
43	4.9020	25.575	2338.0	.4923-03	.5921-03	.6405-03	52.50	.2584-01	.3520	542.6	.1207-04
43	4.9020	26.138	2339.0	.5765-01	.6846-01	.7554-01	51.27	2.956	.3665	565.0	.1418-02
43	5.5650	24.576	2320.0	.1449-02	.1722-02	.1900-02	51.14	.7411-01	.3681	567.4	.3565-04
43	5.5650	26.038	2323.0	.6164-03	.7323-03	.8083-03	51.14	.3152-01	.3681	567.5	.1517-04

OH84C 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3QI14)

AFT FUSE,ELEVON

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
42	25.00	.0000	7.300	3.693	883.2	1517.	374.1	.1584	133.7	.9940-04	4138.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
42	.0000	.2461

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
42	4.6920	24.913	2342.0	.6275-01	.7444-01	.8208-01	58.57	3.676	.3630	565.8	.1383-02
42	4.7220	25.475	2343.0	.9341-01	.1108	.1222	58.60	5.474	.3627	565.4	.2058-02
42	4.7590	26.038	2344.0	.7925-01	.9398-01	.1036	58.68	4.650	.3619	564.1	.1746-02
42	4.9020	24.576	2336.0	.2460-01	.2918-01	.3217-01	58.58	1.441	.3629	565.7	.5420-03
42	4.9020	24.913	2337.0	.5283-01	.6266-01	.6909-01	58.60	3.096	.3627	565.4	.1164-02
42	4.9020	25.575	2338.0	.1084-02	.1281-02	.1408-02	60.04	.6510-01	.3477	542.0	.2381-04
42	4.9020	26.138	2339.0	.6269-01	.7433-01	.8194-01	58.70	3.679	.3617	563.8	.1381-02
42	5.5650	24.576	2320.0	.3845-02	.4561-02	.5029-02	58.55	.2251	.3632	566.2	.8472-04
42	5.5650	26.038	2323.0	.1651-02	.1958-02	.2160-02	58.54	.9664-01	.3633	566.4	.3638-04

OH84C 60-0 UPPER RH WING (R3QJ07)

UPPER RH WING

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
37	20.00	.0000	7.300	1.014	236.3	1434.	368.0	.4244-01	131.5	.2707-04	4104.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
37	.0000	.1272

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
37	1.9700	17.545	2253.0	.1299-02	.1543-02	.1703-02	29.56	.3839-01	.3677	564.0	.5484-04
37	1.9880	10.859	2249.0	.1558-01	.1849-01	.2040-01	29.53	.4595	.3682	564.7	.6570-03
37	1.9880	11.983	2250.0	.5912-02	.7024-02	.7753-02	29.53	.1745	.3684	565.0	.2496-03
37	1.9880	13.107	2251.0	.5345-02	.6350-02	.7008-02	29.54	.1579	.3681	564.6	.2257-03
37	1.9880	14.195	2252.0	.5287-02	.6281-02	.6932-02	29.55	.1562	.3680	564.3	.2232-03
37	2.0470	22.330	2255.0	.1686-03	.1979-03	.2184-03	29.54	.4920-02	.3681	564.5	.7033-05
37	2.0490	19.941	2254.0	.9405-03	.1117-02	.1233-02	29.55	.2779-01	.3679	564.2	.3971-04
37	2.4590	14.195	2256.0	.2979-02	.3539-02	.3907-02	29.52	.8793-01	.3685	565.2	.1258-03
37	2.4590	15.535	2257.0	.2917-02	.3465-02	.3825-02	29.53	.8614-01	.3682	564.7	.1232-03
37	2.4590	16.875	2258.0	.3735-02	.4437-02	.4897-02	29.55	.1104	.3679	564.2	.1577-03
37	2.4590	18.215	2259.0	.2197-02	.2609-02	.2880-02	29.55	.6492-01	.3679	564.1	.9275-04
37	2.4590	19.555	2260.0	.3764-02	.4471-02	.4935-02	29.55	.1112	.3679	564.1	.1589-03
37	2.4590	20.895	2261.0	.3777-02	.4487-02	.4952-02	29.55	.1116	.3679	564.3	.1595-03
37	2.4590	23.576	2263.0	.1099-02	.1306-02	.1441-02	29.54	.3247-01	.3680	564.4	.4641-04

UPPER RH WING

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
36	20.00	.0000	7.300	1.959	465.4	1511.	372.5	.8349-01	133.2	.5261-04	4129.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
36	.0000	.1786

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
36	1.9700	17.545	2253.0	.1920-02	.2276-02	.2507-02	42.60	.8181-01	.3591	557.6	.5810-04
36	1.9880	10.859	2249.0	.1518-01	.1799-01	.1982-01	42.55	.6457	.3599	558.7	.4592-03
36	1.9880	11.983	2250.0	.6916-02	.8196-02	.9033-02	42.54	.2942	.3600	558.9	.2093-03
36	1.9880	13.107	2251.0	.6261-02	.7420-02	.8177-02	42.55	.2664	.3598	558.6	.1894-03
36	1.9880	14.195	2252.0	.7458-02	.8838-02	.9740-02	42.57	.3175	.3596	558.3	.2257-03
36	2.0470	22.330	2255.0	.2317-03	.2746-03	.3026-03	42.54	.9856-02	.3600	558.9	.7011-05
36	2.0490	19.941	2254.0	.1431-02	.1695-02	.1868-02	42.58	.6091-01	.3595	558.1	.4328-04
36	2.4590	14.195	2256.0	.3733-02	.4426-02	.4879-02	42.46	.1585	.3612	560.7	.1130-03
36	2.4590	15.535	2257.0	.4655-02	.5517-02	.6081-02	42.52	.1979	.3603	559.4	.1409-03
36	2.4590	16.875	2258.0	.4366-02	.5174-02	.5702-02	42.55	.1859	.3598	558.6	.1321-03
36	2.4590	18.215	2259.0	.2558-02	.3032-02	.3341-02	42.56	.1089	.3597	558.4	.7740-04
36	2.4590	19.555	2260.0	.4533-02	.5372-02	.5920-02	42.56	.1929	.3597	558.4	.1372-03
36	2.4590	20.895	2261.0	.4004-02	.4745-02	.5229-02	42.59	.1705	.3593	557.8	.1211-03
36	2.4590	23.576	2263.0	.8116-03	.9621-03	.1060-02	42.50	.3449-01	.3606	559.9	.2456-04

UPPER RH WING

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
35	20.00	.0000	7.300	2.885	697.2	1527.	376.5	.1249	134.6	.7789-04	4151.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
35	.0000	.2187

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
35	1.9700	17.545	2253.0	.2437-02	.2882-02	.3172-02	53.24	.1297	.3530	554.0	.6055-04
35	1.9880	10.859	2249.0	.1531-01	.1811-01	.1993-01	53.17	.8137	.3539	555.4	.3804-03
35	1.9880	11.983	2250.0	.8534-02	.1010-01	.1112-01	53.16	.4537	.3540	555.5	.2121-03
35	1.9880	13.107	2251.0	.7035-02	.8323-02	.9161-02	53.19	.3742	.3537	555.1	.1748-03
35	1.9880	14.195	2252.0	.9488-02	.1122-01	.1235-01	53.21	.5049	.3534	554.6	.2358-03
35	2.0470	22.330	2255.0	.4642-03	.5493-03	.6047-03	53.13	.2466-01	.3544	556.1	.1154-04
35	2.0490	19.941	2254.0	.2148-02	.2541-02	.2797-02	53.22	.1143	.3534	554.5	.5338-04
35	2.4590	14.195	2256.0	.4659-02	.5513-02	.6070-02	53.10	.2474	.3547	556.6	.1158-03
35	2.4590	15.535	2257.0	.6403-02	.7575-02	.8339-02	53.16	.3404	.3540	555.5	.1591-03
35	2.4590	16.875	2258.0	.4766-02	.5638-02	.6206-02	53.20	.2535	.3535	554.8	.1184-03
35	2.4590	18.215	2259.0	.2694-02	.3187-02	.3507-02	53.22	.1434	.3532	554.3	.6695-04
35	2.4590	19.555	2260.0	.5199-02	.6150-02	.6769-02	53.23	.2768	.3532	554.3	.1292-03
35	2.4590	20.895	2261.0	.4116-02	.4870-02	.5361-02	53.15	.2188	.3541	555.7	.1023-03
35	2.4590	22.235	2262.0	.3928-03	.4645-03	.5112-03	53.32	.2095-01	.3521	552.6	.9759-05
35	2.4590	23.576	2263.0	.1040-02	.1230-02	.1355-02	53.14	.5526-01	.3543	556.0	.2585-04

UPPER RH WING

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
34	20.00	.0000	7.300	3.476	865.4	1554.	383.6	.1548	137.1	.9472-04	4190.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
34	.0000	.2439

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
34	1.9700	17.545	2253.0	.2593-02	.3067-02	.3376-02	60.44	.1567	.3532	564.8	.5852-04
34	1.9880	10.859	2249.0	.1591-01	.1882-01	.2072-01	60.34	.9599	.3542	566.4	.3591-03
34	1.9880	11.983	2250.0	.9175-02	.1086-01	.1195-01	60.34	.5536	.3543	566.4	.2071-03
34	1.9880	13.107	2251.0	.7760-02	.9181-02	.1011-01	60.38	.4685	.3539	565.8	.1751-03
34	1.9080	14.195	2252.0	.9951-02	.1177-01	.1296-01	60.39	.6009	.3538	565.7	.2246-03
34	2.0470	22.330	2255.0	.7652-03	.9051-03	.9962-03	60.45	.4626-01	.3532	564.6	.1727-04
34	2.0490	19.941	2254.0	.2038-02	.2410-02	.2653-02	60.44	.1232	.3532	564.8	.4598-04
34	2.4590	14.195	2256.0	.4974-02	.5887-02	.6482-02	60.28	.2998	.3549	567.5	.1123-03
34	2.4590	15.535	2257.0	.7131-02	.8438-02	.9289-02	60.35	.4304	.3541	566.2	.1610-03
34	2.4590	16.875	2258.0	.5144-02	.6086-02	.6699-02	60.39	.3106	.3538	565.6	.1161-03
34	2.4590	18.215	2259.0	.2870-02	.3395-02	.3737-02	60.43	.1734	.3534	565.0	.6477-04
34	2.4590	19.555	2260.0	.5718-02	.6763-02	.7444-02	60.43	.3455	.3533	564.9	.1290-03
34	2.4590	20.895	2261.0	.3190-02	.3775-02	.4156-02	60.27	.1922	.3550	567.6	.7201-04
34	2.4590	22.235	2262.0	.2663-03	.3141-03	.3450-03	61.49	.1638-01	.3424	547.5	.5996-05
34	2.4590	23.576	2263.0	.1652-02	.1954-02	.2151-02	60.48	.9993-01	.3528	564.1	.3728-04

OH84C 60-O UPPER RH WING (R3QJ11)

UPPER RH WING

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
38	25.00	.0000	7.300	1.042	236.6	1471.	362.0	.4257-01	129.4	.2760-04	4070.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
38	.0000	.1272

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
38	1.9700	17.545	2253.0	.6732-03	.8009-03	.8847-03	28.85	.1942-01	.3726	562.2	.2815-04
38	1.9860	10.659	2249.0	.1410-01	.1678-01	.1854-01	28.82	.4065	.3733	563.1	.5897-03
38	1.9880	11.983	2250.0	.3714-02	.4420-02	.4883-02	28.80	.1070	.3736	563.7	.1553-03
38	1.9880	13.107	2251.0	.3356-02	.3993-02	.4412-02	28.84	.9678-01	.3730	562.7	.1403-03
38	1.9880	14.195	2252.0	.2266-02	.2696-02	.2978-02	28.86	.6539-01	.3725	562.0	.9475-04
38	2.0470	22.330	2255.0	.4270-03	.5080-03	.5613-03	28.82	.1230-01	.3734	563.3	.1786-04
38	2.0490	19.941	2254.0	.4553-03	.5417-03	.5984-03	28.86	.1314-01	.3724	561.9	.1904-04
38	2.4590	14.195	2256.0	.2107-02	.2506-02	.2768-02	28.85	.6081-01	.3724	561.8	.8808-04
38	2.4590	15.535	2257.0	.2700-02	.3211-02	.3547-02	28.88	.7796-01	.3721	561.4	.1129-03
38	2.4590	16.875	2258.0	.2341-02	.2784-02	.3075-02	28.89	.6762-01	.3719	561.1	.9785-04
38	2.4590	18.215	2259.0	.1025-02	.1219-02	.1347-02	28.90	.2963-01	.3716	560.7	.4286-04
38	2.4590	19.555	2260.0	.1893-02	.2251-02	.2486-02	28.90	.5470-01	.3716	560.6	.7912-04
38	2.4590	20.895	2261.0	.2498-03	.2971-03	.3282-03	28.90	.7219-02	.3717	560.8	.1044-04
38	2.4590	23.576	2263.0	.8018-03	.9538-03	.1054-02	28.86	.2314-01	.3724	561.9	.3352-04

OH84C 60-0 UPPER RH WING (R3QJ12)

UPPER RH WING

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
39	25.00	.0000	7.300	1.931	465.6	1525.	375.9	.8346-01	134.4	.5211-04	4148.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
39	.0000	.1787

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
39	1.9700	17.545	2253.0	.1102-02	.1304-02	.1436-02	43.35	.4778-01	.3543	555.1	.3349-04
39	1.9880	10.859	2249.0	.1299-01	.1537-01	.1693-01	43.25	.5617	.3558	557.5	.3948-03
39	1.9880	11.983	2250.0	.3107-02	.3677-02	.4049-02	43.25	.1344	.3558	557.4	.9442-04
39	1.9880	13.107	2251.0	.1580-02	.1871-02	.2060-02	43.27	.6838-01	.3555	557.0	.4803-04
39	1.9880	14.195	2252.0	.2370-02	.2805-02	.3088-02	43.28	.1026	.3553	556.6	.7203-04
39	2.0470	22.330	2255.0	.4547-03	.5378-03	.5919-03	43.43	.1975-01	.3531	553.3	.1381-04
39	2.0490	19.941	2254.0	.4730-03	.5596-03	.6160-03	43.39	.2053-01	.3537	554.2	.1437-04
39	2.4590	14.195	2256.0	.1968-02	.2330-02	.2565-02	43.22	.8504-01	.3562	558.1	.5982-04
39	2.4590	15.535	2257.0	.3525-02	.4172-02	.4594-02	43.27	.1525	.3555	557.0	.1071-03
39	2.4590	16.875	2258.0	.1972-02	.2334-02	.2570-02	43.31	.8543-01	.3549	556.0	.5994-04
39	2.4590	18.215	2259.0	.1011-02	.1197-02	.1317-02	43.35	.4384-01	.3543	555.2	.3073-04
39	2.4590	19.555	2260.0	.3187-02	.3771-02	.4151-02	43.38	.1383	.3539	554.4	.9684-04
39	2.4590	20.895	2261.0	.2157-03	.2552-03	.2810-03	43.39	.9361-02	.3538	554.3	.6555-05
39	2.4590	22.235	2262.0	.2821-03	.3336-03	.3672-03	43.46	.1226-01	.3527	552.7	.8569-05
39	2.4590	23.576	2263.0	.2784-02	.3292-02	.3623-02	43.49	.1211	.3524	552.1	.8456-04

OH84C 60-0 UPPER RH WING (R3QJ13)

UPPER RH WING

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
40	25.00	.0000	7.300	2.929	702.3	1520.	374.7	.1259	133.9	.7890-04	4141.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
40	.0000	.2195

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
40	1.9700	17.545	2253.0	.6902-03	.8160-03	.8978-03	53.33	.3681-01	.3511	548.2	.1703-04
40	1.9880	10.859	2249.0	.1199-01	.1418-01	.1561-01	53.23	.6384	.3523	550.0	.2960-03
40	1.9880	11.983	2250.0	.3446-02	.4075-02	.4484-02	53.24	.1834	.3522	550.0	.8502-04
40	1.9880	13.107	2251.0	.2094-02	.2476-02	.2724-02	53.27	.1115	.3518	549.4	.5166-04
40	1.9880	14.195	2252.0	.1508-02	.1783-02	.1962-02	53.27	.8031-01	.3518	549.4	.3720-04
40	2.0470	22.330	2255.0	.4822-03	.5700-03	.6272-03	53.34	.2572-01	.3510	548.1	.1190-04
40	2.0490	19.941	2254.0	.1019-02	.1204-02	.1325-02	53.35	.5435-01	.3509	547.9	.2513-04
40	2.4590	14.195	2256.0	.2284-02	.2701-02	.2973-02	53.16	.1214	.3531	551.4	.5636-04
40	2.4590	15.535	2257.0	.4708-02	.5567-02	.6127-02	53.23	.2506	.3523	550.1	.1162-03
40	2.4590	16.875	2258.0	.1819-02	.2150-02	.2366-02	53.28	.9690-01	.3517	549.1	.4487-04
40	2.4590	18.215	2259.0	.1116-02	.1320-02	.1452-02	53.31	.5950-01	.3514	548.6	.2754-04
40	2.4590	19.555	2260.0	.4150-02	.4907-02	.5398-02	53.33	.2213	.3511	548.2	.1024-03
40	2.4590	20.895	2261.0	.1752-02	.2071-02	.2279-02	53.32	.9340-01	.3513	548.5	.4322-04
40	2.4590	22.235	2262.0	.2110-02	.2494-02	.2743-02	53.38	.1126	.3505	547.3	.5204-04
40	2.4590	23.576	2263.0	.2661-02	.3146-02	.3461-02	53.38	.1421	.3505	547.2	.6565-04

OH84C 60-0 UPPER RH WING (R3QJ14)

UPPER RH WING

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
41	25.00	.0000	7.300	3.654	869.2	1513.	372.8	.1559	133.3	.9818-04	4131.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
41	.0000	.2441

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
41	1.9700	17.545	2253.0	.1035-02	.1226-02	.1350-02	58.60	.6067-01	.3557	552.7	.2291-04
41	1.9680	10.859	2249.0	.1209-01	.1432-01	.1577-01	58.45	.7067	.3572	555.0	.2677-03
41	1.9880	11.983	2250.0	.3892-02	.4608-02	.5076-02	58.47	.2275	.3570	554.7	.8615-04
41	1.9880	13.107	2251.0	.2331-02	.2760-02	.3039-02	58.51	.1364	.3566	554.0	.5159-04
41	1.9880	14.195	2252.0	.1248-02	.1478-02	.1628-02	58.53	.7307-01	.3564	553.7	.2763-04
41	2.0470	22.330	2255.0	.1248-02	.1477-02	.1627-02	58.56	.7308-01	.3561	553.3	.2762-04
41	2.0490	19.941	2254.0	.1345-02	.1592-02	.1753-02	58.58	.7879-01	.3559	553.0	.2977-04
41	2.4590	14.195	2256.0	.2502-02	.2963-02	.3264-02	58.40	.1461	.3577	555.8	.5539-04
41	2.4590	15.535	2257.0	.5334-02	.6316-02	.6956-02	58.50	.3120	.3568	554.3	.1181-03
41	2.4590	16.875	2258.0	.2625-02	.3109-02	.3423-02	58.55	.1537	.3562	553.5	.5810-04
41	2.4590	18.215	2259.0	.1382-02	.1637-02	.1802-02	58.56	.8095-01	.3560	553.2	.3060-04
41	2.4590	19.555	2260.0	.5356-02	.6340-02	.6982-02	58.58	.3137	.3559	553.0	.1185-03
41	2.4590	20.895	2261.0	.2589-02	.3065-02	.3375-02	58.58	.1517	.3559	553.0	.5730-04
41	2.4590	22.235	2262.0	.4380-02	.5185-02	.5710-02	58.59	.2567	.3557	552.7	.9694-04
41	2.4590	23.576	2263.0	.3020-02	.3574-02	.3936-02	58.58	.1769	.3559	553.0	.6683-04

LWR BODYFLAP

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
37	20.00	.0000	7.300	1.014	236.3	1494.	368.0	.4244-01	131.5	.2707-04	4104.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
37	.0000	.1272

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
37	27.268	.92800	2113.0	.8325-02	.9885-02	.1091-01	29.61	.2465	.3666	562.2	.3514-03
37	27.268	1.8190	2191.0	.8946-02	.1063-01	.1173-01	29.56	.2644	.3678	564.0	.3777-03

LWR BODYFLAP

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
36	20.00	.0000	7.300	1.959	465.4	1511.	372.5	.8349-01	133.2	.5261-04	4129.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
36	.0000	.1786

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
36	27.268	.92800	2113.0	.8309-02	.9862-02	.1088-01	42.21	.3507	.3648	566.3	.2517-03
36	27.268	1.8190	2191.0	.9304-02	.1105-01	.1219-01	42.10	.3916	.3664	568.9	.2819-03

LWR BODYFLAP

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
35	20.00	.0000	7.300	2.885	697.2	1527.	376.5	.1249	134.6	.7789-04	4151.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
35	.0000	.2187

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
35	27.268	.92800	2113.0	.9782-02	.1158-01	.1275-01	53.05	.5191	.3551	557.3	.2432-03
35	27.268	1.8190	2191.0	.1054-01	.1247-01	.1373-01	52.98	.5582	.3561	558.8	.2620-03

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BOFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
34	20.00	.0000	7.300	3.476	865.4	1554.	393.6	.1548	137.1	.9472-04	4190.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
34	.0000	.2439

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
34	27.268	.92800	2113.0	.1056-01	.1248-01	.1373-01	60.81	.6424	.3495	558.8	.2382-03
34	27.268	1.8190	2191.0	.1003-01	.1185-01	.1303-01	60.78	.6095	.3497	559.1	.2261-03

LWR BODYFLAP

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
38	25.00	.0000	7.300	1.042	236.6	1471.	362.0	.4257-01	129.4	.2760-04	4070.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
38	.0000	.1272

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
38	27.268	.92800	2113.0	.1208-01	.1435-01	.1584-01	29.03	.3506	.3689	556.5	.5044-03
38	27.268	1.8190	2191.0	.1336-01	.1588-01	.1753-01	29.00	.3875	.3695	557.5	.5582-03

LWR BODYFLAP

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
39	25.00	.0000	7.300	1.931	465.6	1525.	375.9	.8346-01	134.4	.5211-04	4148.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
39	.0000	.1787

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
39	27.268	.92800	2113.0	.1321-01	.1561-01	.1717-01	43.66	.5767	.3498	548.1	.4010-03
39	27.268	1.8190	2191.0	.1407-01	.1663-01	.1829-01	43.63	.6137	.3504	549.0	.4271-03

OH84C 60-0 LOWER BODYFLAP (R3QK13)

LWR BODYFLAP

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
40	25.00	.0000	7.300	2.929	702.3	1520.	374.7	.1259	133.9	.7890-04	4141.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
40	.0000	.2195

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
40	27.268	.92800	2113.0	.1632-01	.1929-01	.2122-01	53.43	.8720	.3500	546.4	.4025-03
40	27.268	1.8190	2191.0	.1341-01	.1585-01	.1744-01	53.38	.7158	.3505	547.3	.3308-03

OH84C 60-0 LOWER BODYFLAP (R3QK14)

LWR BODYFLAP

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
41	25.00	.0000	7.300	3.654	869.2	1513.	372.8	.1559	133.3	.9818-04	4131.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
41	.0000	.2441

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
41	27.268	.92800	2113.0	.2357-01	.2790-01	.3072-01	58.57	1.380	.3559	553.0	.5216-03
41	27.268	1.8190	2191.0	.1733-01	.2051-01	.2259-01	58.50	1.014	.3567	554.2	.3835-03

OH84C 60-O BODYFLAP EDGE (R3QL07)

BODYFLAP EDGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BOFLAP = .0000 SPOSRK = 49.90 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
37	20.00	.0000	7.300	1.014	236.3	1494.	368.0	.4244-01	131.5	.2707-04	4104.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
37	.0000	.1272

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
37	26.994	5.0640	2192.0	.1691-01	.2008-01	.2216-01	29.57	.4999	.3675	563.7	.7138-03
37	27.265	5.0920	2193.0	.1548-01	.1838-01	.2029-01	29.56	.4575	.3676	563.8	.6534-03

BODYFLAP EDGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
36	20.00	.0000	7.300	1.959	465.4	1511.	372.5	.8349-01	133.2	.5261-04	4129.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
36	.0000	.1786

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
36	26.994	5.0540	2192.0	.1942-01	.2306-01	.2544-01	42.15	.8188	.3656	567.5	.5885-03
36	27.265	5.0920	2193.0	.2118-01	.2515-01	.2775-01	42.13	.8923	.3660	568.2	.6418-03

OH84C 60-0 BODYFLAP EDGE (R3QL09)

BODYFLAP EDGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
35	20.00	.0000	7.300	2.885	697.2	1527.	376.5	.1249	134.6	.7789-04	4151.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
35	.0000	.2187

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
35	26.994	5.0640	2192.0	.2127-01	.2518-01	.2773-01	52.98	1.127	.3561	558.8	.5290-03
35	27.265	5.0920	2193.0	.2370-01	.2806-01	.3090-01	52.94	1.254	.3566	559.6	.5893-03

BODYFLAP EDGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE .
34	20.00	.0000	7.300	3.476	865.4	1554.	383.6	.1548	137.1	.9472-04	4190.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
34	.0000	.2439

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
34	26.994	5.0640	2192.0	.2177-01	.2574-01	.2832-01	60.63	1.320	.3513	561.7	.4911-03
34	27.265	5.0920	2193.0	.2359-01	.2789-01	.3069-01	60.58	1.429	.3518	562.5	.5321-03

BODYFLAP EDGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
38	25.00	.0000	7.300	1.042	236.6	1471.	362.0	.4257-01	129.4	.2760-04	4070.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
38	.0000	.1272

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
38	26.994	5.0640	2192.0	.2177-01	.2588-01	.2858-01	28.96	.6305	.3703	558.7	.9097-03
38	27.265	5.0920	2193.0	.1991-01	.2367-01	.2613-01	28.97	.5767	.3702	558.5	.8319-03

OH84C 60-0 BODYFLAP EDGE (R3QL12)

BODYFLAP EDGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
39	25.00	.0000	7.300	1.931	465.6	1525.	375.9	.8346-01	134.4	.5211-04	4148.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
39	.0000	.1787

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
39	26.994	5.0640	2192.0	.2607-01	.3092-01	.3390-01	43.59	1.136	.3509	549.8	.7916-03
39	27.265	5.0920	2193.0	.2476-01	.2927-01	.3221-01	43.59	1.079	.3510	549.9	.7519-03

BODYFLAP EDGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
40	25.00	.0000	7.300	2.929	702.3	1520.	374.7	.1259	133.9	.7890-04	4141.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
40	.0000	.2195

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
40	26.994	5.0640	2192.0	.2800-01	.3310-01	.3642-01	53.30	1.492	.3515	548.8	.6907-03
40	27.265	5.0920	2193.0	.2985-01	.3529-01	.3883-01	53.27	1.590	.3518	549.4	.7364-03

BODYFLAP EDGE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
41	25.00	.0000	7.300	3.654	869.2	1513.	372.8	.1559	133.3	.9818-04	4131.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
41	.0000	.2441

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
41	26.994	5.0640	2192.0	.3114-01	.3689-01	.4063-01	58.41	1.819	.3577	555.8	.6896-03
41	27.265	5.0920	2193.0	.3194-01	.3783-01	.4168-01	58.35	1.864	.3583	556.7	.7072-03

OH84C 60-O VERTICAL TAIL (R3QM07)

VERTICAL TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
37	20.00	.0000	7.300	1.014	236.3	1494.	368.0	.4244-01	131.5	.2707-04	4104.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
37	.0000	.1272

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
37	26.091	9.3030	2368.0	.8759-04	.1041-03	.1149-03	29.53	.2587-02	.3682	564.7	.3698-05

VERTICAL TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
36	20.00	.0000	7.300	1.959	465.4	1511.	372.5	.8349-01	133.2	.5261-04	4129.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
36	.0000	.1786

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
36	26.091	9.3030	2368.0	.7465-03	.8857-03	.9767-03	42.28	.3156-01	.3637	564.7	.2261-04

VERTICAL TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
35	20.00	.0000	7.300	2.885	697.2	1527.	376.5	.1249	134.6	.7789-04	4151.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
35	.0000	.2187

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
35	26.091	9.3030	2368.0	.8797-03	.1041-02	.1146-02	53.05	.4667-01	.3552	557.5	.2187-04

OH84C 60-0 VERTICAL TAIL (R3QM10)

VERTICAL TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
34	20.00	.0000	7.300	3.476	865.4	1554.	383.6	.1548	137.1	.9472-04	4190.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
34	.0000	.2439

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
34	26.091	9.3030	2368.0	.1059-02	.1252-02	.1378-02	60.64	.6423-01	.3511	561.4	.2389-04

VERTICAL TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
38	25.00	.0000	7.300	1.042	236.6	1471.	362.0	.4257-01	129.4	.2760-04	4070.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
38	.0000	.1272

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
38	26.091	9.3030	2368.0	.3049-03	.3626-03	.4006-03	28.87	.8803-02	.3722	561.5	.1275-04

VERTICAL TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
39	25.00	.0000	7.300	1.931	465.6	1525.	375.9	.8346-01	134.4	.5211-04	4148.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
39	.0000	.1787

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
39	26.091	9.3030	2368.0	.1096-02	.1296-02	.1425-02	43.65	.4785-01	.3500	548.4	.3328-04

VERTICAL TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
40	25.00	.0000	7.300	2.929	702.3	1520.	374.7	.1259	133.9	.7890-04	4141.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
40	.0000	.2195

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
40	26.091	9.3030	2368.0	.1295-02	.1531-02	.1683-02	53.46	.6924-01	.3496	545.9	.3194-04

VERTICAL TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
41	25.00	.0000	7.300	3.654	869.2	1513.	372.8	.1559	133.3	.9818-04	4131.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
41	.0000	.2441

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
41	26.091	9.3030	2368.0	.7540-03	.8927-03	.9831-03	58.53	.4413-01	.3564	553.7	.1669-04

UPPER MID FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
51	20.00	.0000	7.300	1.020	237.8	1495.	368.1	.4271-01	131.6	.2723-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
51	.0000	.1276

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
51	9.7050	.67200	2088.0	.6773-01	.8134-01	.9042-01	27.99	1.896	.4021	616.9	.2876-02
51	9.7170	1.7090	2089.0	.1044	.1251	.1389	28.28	2.951	.3962	607.9	.4424-02
51	10.806	.86700	2103.0	.4535-01	.5445-01	.6052-01	28.01	1.270	.4017	616.3	.1925-02
51	10.806	1.6380	2102.0	.6485-01	.7798-01	.8677-01	27.79	1.803	.4061	623.1	.2757-02
51	13.077	.86800	2125.0	.8867-01	.1077	.1197	27.99	2.509	.4023	617.2	.3808-02
51	13.077	1.6840	2122.0	.6845-01	.8231-01	.9156-01	27.80	1.903	.4061	623.1	.2910-02
51	13.107	.56000	2126.0	.1028	.1235	.1373	27.95	2.873	.4029	618.1	.4365-02
51	15.347	.86800	2140.0	.9372-01	.1125	.1251	28.00	2.624	.4020	616.7	.3979-02
51	17.549	1.1200	2405.0	.9440-01	.1133	.1259	28.05	2.647	.4010	615.2	.4007-02
51	17.574	.28000	2408.0	.5110-01	.6105-01	.6764-01	28.74	1.468	.3867	593.3	.2161-02
51	17.574	.56000	2407.0	.1013	.1216	.1352	28.01	2.837	.4018	616.4	.4301-02
51	17.574	.86800	2406.0	.9352-01	.1123	.1248	28.00	2.619	.4019	616.6	.3971-02
51	19.845	1.5720	2410.0	.1045	.1255	.1395	27.99	2.925	.4022	617.1	.4438-02
51	22.000	.86800	2156.0	.1155	.1386	.1541	28.02	3.235	.4015	616.1	.4902-02
51	22.000	1.5720	2155.0	.1177	.1414	.1572	27.94	3.290	.4031	618.4	.5000-02
51	22.610	.14000-01	2036.0	.2035	.2446	.2720	27.89	5.675	.4042	620.2	.8646-02
51	22.640	.30800	2160.0	.1699	.2042	.2271	27.86	4.733	.4047	621.0	.7217-02
51	22.640	.86800	2159.0	.1687	.2031	.2261	27.64	4.661	.4094	628.2	.7177-02
51	22.640	1.2180	2158.0	.1607	.1935	.2155	27.63	4.440	.4096	628.4	.6838-02

OH84C 60-0 UPPER MID FUSELAGE (R3QN08)

UPPER MID FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
50	20.00	.0000	7.300	1.893	464.8	1495.	368.2	.8349-01	131.6	.5323-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
50	.0000	.1784

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
50	9.7050	.67200	2098.0	.1005-01	.1196-01	.1322-01	41.11	.4133	.3731	572.6	.3031-03
50	9.7170	1.7090	2099.0	.1293-01	.1537-01	.1697-01	41.32	.5342	.3701	567.9	.3894-03
50	10.806	.86700	2103.0	.1812-02	.2156-02	.2383-02	41.11	.7450-01	.3733	572.8	.5464-04
50	10.806	1.6380	2102.0	.2737-02	.3255-02	.3596-02	41.19	.1127	.3721	571.0	.8249-04
50	13.077	.86800	2125.0	.1264-02	.1504-02	.1661-02	41.18	.5207-01	.3721	571.0	.3811-04
50	13.077	1.6840	2122.0	.1993-02	.2371-02	.2619-02	41.14	.8199-01	.3727	571.9	.6007-04
50	13.107	.56000	2126.0	.4528-02	.5385-02	.5949-02	41.19	.1865	.3720	570.9	.1365-03
50	15.347	.86800	2140.0	.2286-02	.2719-02	.3003-02	41.20	.9418-01	.3718	570.6	.6889-04
50	17.549	1.1200	2405.0	.2984-02	.3550-02	.3922-02	41.14	.1229	.3728	572.0	.8996-04
50	17.574	.28000	2408.0	.7690-02	.9140-02	.1009-01	41.35	.3180	.3696	567.2	.2317-03
50	17.574	.56000	2407.0	.6609-02	.7861-02	.8684-02	41.18	.2721	.3722	571.2	.1992-03
50	17.574	.86800	2406.0	.1561-02	.1857-02	.2051-02	41.15	.6421-01	.3727	571.9	.4704-04
50	19.845	1.5720	2410.0	.4547-02	.5411-02	.5980-02	41.05	.1866	.3741	574.0	.1371-03
50	22.000	.86800	2156.0	.2933-02	.3491-02	.3859-02	41.00	.1202	.3748	575.1	.8845-04
50	22.000	1.5720	2155.0	.4293-02	.5113-02	.5653-02	40.91	.1756	.3762	577.3	.1295-03
50	22.610	.14000-01	2036.0	.3589-02	.4273-02	.4723-02	40.96	.1470	.3754	576.1	.1082-03
50	22.640	.30800	2160.0	.3914-02	.4661-02	.5152-02	40.92	.1602	.3760	576.9	.1181-03
50	22.640	.86800	2159.0	.6822-02	.8127-02	.8986-02	40.84	.2785	.3772	578.8	.2059-03
50	22.640	1.2180	2158.0	.6985-02	.8322-02	.9202-02	40.82	.2851	.3774	579.2	.2108-03

UPPER MID FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
49	20.00	.0000	7.300	2.992	698.3	1496.	368.3	.1254	131.7	.7993-04	4106.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
49	.0000	.2186

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
49	9.7050	.67200	2088.0	.1249-01	.1485-01	.1640-01	50.68	.6331	.3700	567.9	.3072-03
49	9.7170	1.7090	2089.0	.1408-01	.1673-01	.1847-01	50.74	.7142	.3692	566.7	.3460-03
49	10.806	.86700	2103.0	.2703-02	.3214-02	.3548-02	50.67	.1370	.3701	568.1	.6646-04
49	10.806	1.6380	2102.0	.2810-02	.3339-02	.3687-02	50.73	.1426	.3693	566.9	.6907-04
49	13.077	.86800	2125.0	.1821-02	.2164-02	.2388-02	50.80	.9250-01	.3685	565.7	.4475-04
49	13.077	1.6840	2122.0	.2663-02	.3165-02	.3494-02	50.75	.1351	.3691	566.6	.6546-04
49	13.107	.56000	2126.0	.5774-02	.6860-02	.7572-02	50.80	.2933	.3684	565.6	.1419-03
49	15.347	.86800	2140.0	.2419-02	.2874-02	.3173-02	50.82	.1230	.3682	565.2	.5946-04
49	17.549	1.1200	2405.0	.4448-02	.5286-02	.5835-02	50.77	.2259	.3688	566.1	.1093-03
49	17.574	.28000	2408.0	.8438-02	.1002-01	.1106-01	50.89	.4294	.3674	564.0	.2073-03
49	17.574	.56000	2407.0	.6752-02	.8023-02	.8856-02	50.80	.3430	.3685	565.7	.1660-03
49	17.574	.86800	2406.0	.1934-02	.2298-02	.2536-02	50.77	.9816-01	.3689	566.2	.4752-04
49	19.845	1.5720	2410.0	.2872-02	.3413-02	.3768-02	50.72	.1457	.3695	567.1	.7060-04
49	22.000	.86800	2156.0	.2555-02	.3037-02	.3353-02	50.68	.1295	.3699	567.8	.6280-04
49	22.000	1.5720	2155.0	.4044-02	.4809-02	.5310-02	50.61	.2047	.3708	569.1	.9945-04
49	22.610	.14000-01	2036.0	.6456-02	.7675-02	.8476-02	50.62	.3268	.3706	568.9	.1587-03
49	22.640	.30900	2160.0	.5573-02	.6626-02	.7317-02	50.62	.2821	.3707	569.0	.1370-03
49	22.640	.86800	2159.0	.8878-02	.1056-01	.1166-01	50.55	.4488	.3714	570.2	.2183-03
49	22.640	1.2180	2158.0	.8916-02	.1060-01	.1171-01	50.57	.4509	.3713	569.9	.2193-03

OH84C 60-0 UPPER MID FUSELAGE (R3QN10)

UPPER MID FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
47	20.00	.0000	7.300	3.655	866.3	1509.	371.9	.1554	133.0	.9811-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
47	.0000	.2436

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
47	9.7050	.67200	2089.0	.1397-01	.1658-01	.1830-01	57.38	.8016	.3660	567.3	.3099-03
47	9.7170	1.7090	2093.0	.1207-01	.1433-01	.1581-01	57.43	.6935	.3654	566.4	.2679-03
47	10.806	.86700	2103.0	.2477-02	.2941-02	.3245-02	57.38	.1422	.3660	567.3	.5496-04
47	10.805	1.6390	2102.0	.2829-02	.3359-02	.3705-02	57.44	.1625	.3654	566.3	.6276-04
47	13.077	.86800	2125.0	.2182-02	.2590-02	.2857-02	57.51	.1255	.3646	565.1	.4840-04
47	13.077	1.6840	2122.0	.2472-02	.2934-02	.3235-02	57.47	.1421	.3651	565.8	.5483-04
47	13.107	.56000	2126.0	.5801-02	.6884-02	.7593-02	57.52	.3337	.3645	565.1	.1287-03
47	15.347	.86800	2140.0	.2532-02	.3005-02	.3315-02	57.54	.1457	.3644	564.8	.5616-04
47	17.549	1.1200	2405.0	.5301-02	.6291-02	.6939-02	57.51	.3048	.3646	565.2	.1176-03
47	17.574	.28000	2408.0	.8500-02	.1008-01	.1112-01	57.70	.4905	.3626	562.1	.1884-03
47	17.574	.56000	2407.0	.6997-02	.8304-02	.9159-02	57.53	.4026	.3644	564.8	.1552-03
47	17.574	.86800	2406.0	.2271-02	.2696-02	.2973-02	57.51	.1306	.3646	565.2	.5038-04
47	19.845	1.5720	2410.0	.2062-02	.2448-02	.2700-02	57.46	.1185	.3652	566.0	.4574-04
47	22.000	.86800	2156.0	.4302-02	.5107-02	.5634-02	57.43	.2471	.3655	566.6	.9544-04
47	22.000	1.5720	2155.0	.3135-02	.3722-02	.4107-02	57.36	.1798	.3663	567.7	.6955-04
47	22.610	.14000-01	2036.0	.5839-02	.6932-02	.7648-02	57.40	.3352	.3658	567.0	.1295-03
47	22.640	.30800	2160.0	.5493-02	.6521-02	.7195-02	57.37	.3151	.3661	567.4	.1219-03
47	22.640	.86800	2159.0	.1026-01	.1219-01	.1345-01	57.32	.5882	.3667	568.3	.2277-03
47	22.640	1.2180	2158.0	.1049-01	.1246-01	.1375-01	57.31	.6012	.3667	568.4	.2328-03

OH84C 60-0 UPPER MID FUSELAGE (R3QN11)

UPPER MID FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
45	25.00	.0000	7.300	1.069	235.0	1444.	354.7	.4236-01	126.8	.2803-04	4029.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
45	.0000	.1266

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
45	9.7050	.67200	2088.0	.3105-02	.3696-02	.4084-02	28.09	.8725-01	.3740	552.9	.1287-03
45	9.7170	1.7090	2089.0	.1408-01	.1674-01	.1849-01	28.25	.3978	.3707	548.1	.5831-03
45	10.806	.86700	2103.0	.5367-03	.6389-03	.7060-03	28.09	.1507-01	.3743	553.4	.2224-04
45	10.806	1.6380	2102.0	.2687-02	.3195-02	.3531-02	28.17	.7568-01	.3725	550.6	.1113-03
45	13.077	.86800	2125.0	.1298-02	.1544-02	.1706-02	28.17	.3657-01	.3724	550.6	.5378-04
45	13.077	1.6840	2122.0	.2822-02	.3356-02	.3708-02	28.17	.7948-01	.3724	550.6	.1169-03
45	13.107	.56000	2126.0	.3536-02	.4206-02	.4646-02	28.17	.9961-01	.3724	550.5	.1465-03
45	15.347	.86800	2140.0	.2585-02	.3074-02	.3395-02	28.22	.7295-01	.3713	548.9	.1070-03
45	17.549	1.1200	2405.0	.2648-02	.3149-02	.3478-02	28.20	.7468-01	.3717	549.5	.1097-03
45	17.574	.28000	2408.0	.4770-02	.5675-02	.6270-02	28.15	.1343	.3729	551.2	.1976-03
45	17.574	.56000	2407.0	.5462-02	.6495-02	.7174-02	28.21	.1541	.3716	549.4	.2262-03
45	17.574	.86800	2406.0	.2482-02	.2951-02	.3260-02	28.20	.6998-01	.3718	549.6	.1028-03
45	19.845	1.5720	2410.0	.1036-01	.1232-01	.1361-01	28.16	.2917	.3727	550.9	.4291-03
45	22.000	.86800	2156.0	.2289-02	.2725-02	.3011-02	28.08	.6427-01	.3744	553.5	.9487-04
45	22.000	1.5720	2155.0	.3580-02	.4262-02	.4711-02	28.03	.1003	.3755	555.1	.1494-03
45	22.610	.14000-01	2036.0	.3793-02	.4523-02	.4999-02	28.04	.1065	.3752	554.7	.1575-03
45	22.640	.30800	2160.0	.3568-02	.4249-02	.4696-02	28.02	.9999-01	.3755	555.2	.1479-03
45	22.640	.86800	2159.0	.1844-02	.2196-02	.2427-02	28.02	.5167-01	.3756	555.3	.7645-04
45	22.640	1.2180	2158.0	.2848-02	.3391-02	.3748-02	28.01	.7975-01	.3759	555.7	.1181-03

UPPER MID FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
44	25.00	.0000	7.300	2.046	466.4	1475.	363.0	.8389-01	129.8	.5425-04	4076.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
44	.0000	.1766

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
44	9.7050	.67200	2088.0	.4689-02	.5582-02	.6169-02	40.47	.1898	.3748	567.0	.1399-03
44	9.7170	1.7090	2089.0	.1382-01	.1645-01	.1818-01	40.48	.5596	.3745	566.4	.4124-03
44	10.806	.86700	2103.0	.4715-03	.5613-03	.6203-03	40.47	.1906-01	.3748	567.0	.1407-04
44	10.806	1.6380	2102.0	.2111-02	.2512-02	.2776-02	40.50	.8549-01	.3743	566.2	.6299-04
44	13.077	.86800	2125.0	.1736-02	.2065-02	.2282-02	40.54	.7036-01	.3738	565.5	.5178-04
44	13.077	1.6840	2122.0	.2481-02	.2953-02	.3264-02	40.51	.1005	.3743	566.1	.7404-04
44	13.107	.56000	2126.0	.4809-02	.5723-02	.6324-02	40.54	.1950	.3727	565.3	.1435-03
44	15.347	.86800	2140.0	.1887-02	.2246-02	.2481-02	40.56	.7654-01	.3735	565.0	.5630-04
44	17.549	1.1200	2405.0	.4544-02	.5403-02	.5975-02	40.55	.1843	.3736	565.1	.1356-03
44	17.574	.28000	2408.0	.4053-02	.4815-02	.5314-02	40.94	.1659	.3678	556.4	.1208-03
44	17.574	.56000	2407.0	.4897-02	.5827-02	.6438-02	40.57	.1987	.3733	564.7	.1461-03
44	17.574	.86800	2406.0	.2839-02	.3378-02	.3733-02	40.55	.1151	.3736	565.1	.8470-04
44	17.574	1.5720	2404.0	.3530-03	.4202-03	.4644-03	40.47	.1429-01	.3748	566.9	.1054-04
44	18.845	1.5720	2410.0	.5624-02	.6693-02	.7396-02	40.52	.2279	.3740	565.8	.1678-03
44	22.000	.86800	2156.0	.2133-02	.2539-02	.2806-02	40.52	.8645-01	.3740	565.8	.6366-04
44	22.000	1.5720	2155.0	.5112-02	.6085-02	.6725-02	40.47	.2069	.3748	566.9	.1526-03
44	22.610	.14000-01	2036.0	.4659-02	.5545-02	.6127-02	40.54	.1889	.3738	565.4	.1390-03
44	22.640	.30800	2160.0	.4051-02	.4822-02	.5328-02	40.52	.1642	.3741	565.9	.1209-03
44	22.640	.86800	2159.0	.3831-02	.4560-02	.5040-02	40.49	.1551	.3746	566.6	.1143-03
44	22.640	1.2180	2158.0	.4651-02	.5536-02	.6119-02	40.48	.1883	.3747	566.8	.1388-03

OH84C 60-O UPPER MID FUSELAGE (R3QN13)

UPPER MID FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
43	25.00	.0000	7.300	2.981	700.5	1502.	369.9	.1258	132.2	.7980-04	4115.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
43	.0000	.2190

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
43	9.7050	.67200	2088.0	.5774-02	.6861-02	.7574-02	51.08	.2949	.3688	568.6	.1421-03
43	9.7170	1.7090	2089.0	.1451-01	.1725-01	.1904-01	51.09	.7416	.3686	568.3	.3571-03
43	10.806	.86700	2103.0	.9116-03	.1083-02	.1196-02	51.05	.4654-01	.3691	569.0	.2243-04
43	10.806	1.6390	2102.0	.1969-02	.2340-02	.2583-02	51.12	.1007	.3683	567.9	.4846-04
43	13.077	.86800	2125.0	.1740-02	.2067-02	.2281-02	51.17	.8903-01	.3677	566.9	.4280-04
43	13.077	1.6840	2122.0	.3345-02	.3974-02	.4386-02	51.14	.1711	.3681	567.4	.8230-04
43	13.107	.56000	2126.0	.5276-02	.6267-02	.6917-02	51.17	.2700	.3677	566.9	.1298-03
43	15.347	.86800	2140.0	.1928-02	.2289-02	.2526-02	51.22	.9874-01	.3671	565.9	.4741-04
43	17.549	1.1200	2405.0	.5714-02	.6786-02	.7488-02	51.23	.2927	.3670	565.8	.1405-03
43	17.574	.28000	2408.0	.3748-02	.4444-02	.4899-02	51.71	.1938	.3613	557.1	.9207-04
43	17.574	.56000	2407.0	.4489-02	.5331-02	.5863-02	51.23	.2300	.3670	565.8	.1104-03
43	17.574	.86800	2406.0	.2115-02	.2512-02	.2772-02	51.23	.1084	.3671	565.9	.5203-04
43	17.574	1.5720	2404.0	.7883-03	.9365-03	.1034-02	51.12	.4029-01	.3683	567.8	.1939-04
43	19.845	1.5720	2410.0	.4958-02	.5869-02	.6498-02	51.23	.2540	.3670	565.9	.1219-03
43	22.000	.86800	2156.0	.3911-02	.4645-02	.5126-02	51.22	.2003	.3671	565.9	.9620-04
43	22.000	1.5720	2155.0	.7528-02	.8942-02	.9869-02	51.18	.3853	.3676	566.7	.1852-03
43	22.610	.14000-01	2036.0	.8523-02	.1012-01	.1117-01	51.22	.4365	.3672	566.1	.2096-03
43	22.640	.30800	2160.0	.8106-02	.9628-02	.1063-01	51.19	.4149	.3675	566.5	.1994-03
43	22.640	.86800	2159.0	.7261-02	.8624-02	.9517-02	51.21	.3718	.3672	566.1	.1786-03
43	22.640	1.2180	2158.0	.7894-02	.9376-02	.1035-01	51.21	.4042	.3673	566.2	.1942-03

UPPER MID FUSE

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
42	25.00	.0000	7.300	3.693	883.2	1517.	374.1	.1584	133.7	.9940-04	4138.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
42	.0000	.2461

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
42	9.7050	.67200	2088.0	.6584-02	.7813-02	.8618-02	58.44	.3848	.3643	567.9	.1451-03
42	9.7170	1.7090	2089.0	.1579-01	.1873-01	.2066-01	58.49	.9232	.3639	567.2	.3479-03
42	10.806	.85700	2103.0	.1589-02	.1886-02	.2080-02	58.42	.9285-01	.3645	568.3	.3503-04
42	10.806	1.6380	2102.0	.1865-02	.2216-02	.2444-02	58.50	.1093	.3637	567.0	.4117-04
42	13.077	.86800	2125.0	.1756-02	.2083-02	.2296-02	58.58	.1028	.3629	565.8	.3869-04
42	13.077	1.6840	2122.0	.3809-02	.4519-02	.4983-02	58.54	.2230	.3633	566.4	.8394-04
42	13.107	.56000	2126.0	.6042-02	.7167-02	.7903-02	58.58	.3539	.3629	565.8	.1331-03
42	15.347	.86800	2140.0	.1693-02	.2008-02	.2213-02	58.65	.9928-01	.3622	564.6	.3730-04
42	17.549	1.1200	2405.0	.5788-02	.6864-02	.7567-02	58.66	.3395	.3621	564.5	.1275-03
42	17.574	.56000	2407.0	.3939-02	.4671-02	.5150-02	58.66	.2310	.3621	564.5	.8678-04
42	17.574	.86800	2406.0	.2484-02	.2946-02	.3248-02	58.65	.1457	.3622	564.6	.5473-04
42	17.574	1.5720	2404.0	.1221-03	.1448-03	.1597-03	58.57	.7150-02	.3630	565.8	.2690-05
42	19.845	1.5720	2410.0	.4759-02	.5643-02	.6221-02	58.67	.2792	.3620	564.3	.1048-03
42	22.000	.86800	2156.0	.4698-02	.5571-02	.6142-02	58.66	.2756	.3620	564.4	.1035-03
42	22.000	1.5720	2155.0	.7398-02	.8774-02	.9674-02	58.62	.4337	.3624	565.0	.1630-03
42	22.610	.14000-01	2036.0	.9905-02	.1175-01	.1295-01	58.63	.5808	.3623	564.8	.2182-03
42	22.640	.30800	2160.0	.9649-02	.1144-01	.1262-01	58.62	.5656	.3625	565.0	.2126-03
42	22.640	.86800	2159.0	.9444-02	.1120-01	.1235-01	58.63	.5537	.3623	564.8	.2081-03
42	22.640	1.2180	2158.0	.8961-02	.1063-01	.1172-01	58.64	.5255	.3622	564.7	.1974-03

UPPER RH WING

PARAMETRIC DATA

MACH = 5.300 ALPHA = 20.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE .
129	20.00	-3.000	5.300	3.548	377.5	1540.	380.0	.4903	239.3	.1719-03	4019.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
129	.0000	.3147

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
129	24.036	.50000	460.00	.3709-02	.4381-02	.4818-02	77.91	.2890	.3482	551.4	.6200-04
129	24.036	.55000	461.00	.6377-02	.7534-02	.8285-02	77.84	.4964	.3487	552.3	.1066-03
129	24.036	.65000	463.00	.1467-01	.1733-01	.1906-01	77.79	1.141	.3492	553.1	.2452-03
129	24.036	.70000	464.00	.2031-01	.2400-01	.2640-01	77.66	1.577	.3502	554.6	.3396-03
129	24.036	.72500	465.00	.2760-01	.3263-01	.3590-01	77.58	2.141	.3509	555.7	.4616-03
129	24.036	.75000	466.00	.3461-01	.4092-01	.4502-01	77.50	2.682	.3515	556.7	.5789-03
129	24.036	.77500	467.00	.3431-01	.4056-01	.4463-01	77.49	2.658	.3516	556.8	.5739-03
129	24.036	.80000	468.00	.3852-01	.4553-01	.5010-01	77.57	2.988	.3509	555.7	.6442-03
129	24.036	.82500	469.00	.4199-01	.4982-01	.5459-01	77.67	3.261	.3502	554.6	.7021-03
129	24.036	.85000	470.00	.3783-01	.4472-01	.4920-01	77.58	2.935	.3508	555.6	.6327-03
129	24.036	.87500	471.00	.6102-01	.7213-01	.7936-01	77.54	4.731	.3511	556.1	.1021-02
129	24.036	.92500	472.00	.5108-01	.6042-01	.6649-01	77.34	3.951	.3528	558.6	.8547-03
129	24.036	.95000	277.00	.4410-01	.5218-01	.5744-01	77.15	3.402	.3543	561.1	.7381-03
129	24.036	.97500	473.00	.3611-01	.4278-01	.4714-01	76.58	2.765	.3589	568.4	.6049-03

OH84C 60-0 UPPER RH WING

(R30002)

UPPER RH WING

PARAMETRIC DATA

MACH = 5.300 ALPHA = 25.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
130	25.00	-3.000	5.300	3.747	379.3	1494.	367.9	.4944	231.7	.1791-03	3954.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
130	.0000	.3151

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
130	24.036	.50000	460.00	.9359-02	.1108-01	.1220-01	74.61	.6983	.3560	545.8	.1532-03
130	24.036	.55000	461.00	.1363-01	.1614-01	.1778-01	74.53	1.016	.3567	546.9	.2232-03
130	24.036	.65000	463.00	.2356-01	.2790-01	.3074-01	74.42	1.753	.3576	548.3	.3857-03
130	24.036	.70000	464.00	.3478-01	.4121-01	.4541-01	74.26	2.583	.3590	550.3	.5697-03
130	24.036	.72500	465.00	.3993-01	.4733-01	.5216-01	74.14	2.981	.3599	551.8	.6541-03
130	24.036	.75000	466.00	.4783-01	.5671-01	.6250-01	74.05	3.542	.3607	553.0	.7837-03
130	24.036	.77500	467.00	.5014-01	.5944-01	.6552-01	74.02	3.711	.3610	553.4	.8215-03
130	24.036	.80000	468.00	.5657-01	.6705-01	.7390-01	74.09	4.191	.3603	552.4	.9267-03
130	24.036	.82500	469.00	.6422-01	.7611-01	.8388-01	74.14	4.761	.3599	551.8	.1052-02
130	24.036	.85000	470.00	.6577-01	.7796-01	.8593-01	74.07	4.872	.3605	552.7	.1078-02
130	24.036	.87500	471.00	.1026	.1216	.1340	74.04	7.595	.3607	553.0	.1681-02
130	24.036	.92500	472.00	.1041	.1235	.1362	73.75	7.677	.3632	556.8	.1706-02
130	24.036	.95000	277.00	.1059	.1257	.1387	73.51	7.784	.3652	559.9	.1737-02
130	24.036	.97500	473.00	.6806-01	.8091-01	.8935-01	72.89	4.961	.3703	567.7	.1118-02

UPPER RH WING

PARAMETRIC DATA

MACH = 5.300 ALPHA = 30.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
131	30.00	-3.000	5.300	3.674	376.4	1505.	370.7	.4901	233.4	.1762-03	3969.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
131	.0000	.3139

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
131	24.036	.50000	460.00	.1145-01	.1355-01	.1491-01	75.22	.8617	.3534	545.9	.1890-03
131	24.036	.55000	461.00	.1300-01	.2248-01	.2475-01	75.16	1.428	.3539	546.7	.3136-03
131	24.036	.65000	463.00	.3297-01	.3902-01	.4295-01	75.08	2.476	.3545	547.7	.5442-03
131	24.036	.70000	464.00	.4452-01	.5270-01	.5803-01	74.97	3.338	.3555	549.2	.7350-03
131	24.036	.72500	465.00	.4926-01	.5831-01	.6422-01	74.89	3.689	.3562	550.2	.8133-03
131	24.036	.75000	466.00	.5565-01	.6589-01	.7257-01	74.80	4.163	.3568	551.3	.9189-03
131	24.036	.77500	467.00	.5824-01	.6897-01	.7596-01	74.80	4.357	.3569	551.3	.9618-03
131	24.036	.80000	468.00	.6758-01	.8002-01	.8812-01	74.86	5.059	.3564	550.6	.1116-02
131	24.036	.82500	469.00	.6866-01	.8128-01	.8950-01	74.94	5.146	.3557	549.5	.1134-02
131	24.036	.85000	470.00	.7990-01	.9459-01	.1042	74.89	5.983	.3562	550.2	.1319-02
131	24.036	.87500	471.00	.1320	.1563	.1721	74.89	9.888	.3562	550.2	.2180-02
131	24.036	.92500	472.00	.1712	.2028	.2234	74.68	12.79	.3579	552.9	.2828-02
131	24.036	.95000	277.00	.2061	.2442	.2691	74.50	15.35	.3594	555.2	.3405-02
131	24.036	.97500	473.00	.1747	.2072	.2285	74.03	12.93	.3633	561.2	.2889-02

UPPER RH WING

PARAMETRIC DATA

MACH = 5.300 ALPHA = 30.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
126	30.00	.0000	5.300	3.990	376.7	1431.	351.3	.4931	221.2	.1870-03	3864.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
126	.0000	.3132

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
126	24.036	.50000	460.00	.1325-01	.1582-01	.1752-01	67.66	.8965	.3845	563.0	.2129-03
126	24.036	.55000	461.00	.1984-01	.2369-01	.2624-01	67.61	1.341	.3850	563.7	.3189-03
126	24.036	.65000	463.00	.3309-01	.3952-01	.4377-01	67.55	2.235	.3855	564.4	.5318-03
126	24.036	.70000	464.00	.4697-01	.5612-01	.6218-01	67.44	3.168	.3865	565.9	.7552-03
126	24.036	.72500	465.00	.5771-01	.6896-01	.7641-01	67.37	3.888	.3871	566.8	.9280-03
126	24.036	.75000	466.00	.6741-01	.8056-01	.8928-01	67.29	4.536	.3878	567.8	.1084-02
126	24.036	.77500	467.00	.6679-01	.7983-01	.8847-01	67.29	4.494	.3878	567.8	.1074-02
126	24.036	.80000	468.00	.6989-01	.8352-01	.9255-01	67.33	4.705	.3874	567.3	.1124-02
126	24.036	.82500	469.00	.7620-01	.9105-01	.1009	67.40	5.136	.3868	566.4	.1225-02
126	24.036	.85000	470.00	.9483-01	.1133	.1256	67.35	6.386	.3873	567.1	.1525-02
126	24.036	.87500	471.00	.1265	.1511	.1675	67.34	8.516	.3873	567.1	.2034-02
126	24.036	.92500	472.00	.1759	.2103	.2331	67.15	11.81	.3890	569.6	.2830-02
126	24.036	.95000	277.00	.1345	.1609	.1784	66.94	9.001	.3908	572.2	.2164-02
126	24.036	.97500	473.00	.1347	.1614	.1792	66.40	8.944	.3956	579.2	.2171-02

UPPER RH WING

PARAMETRIC DATA

MACH = 5.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
127	25.00	.0000	5.300	3.716	377.6	1497.	368.7	.4920	232.2	.1778-03	3958.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
127	.0000	.3144

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
127	24.036	.50000	460.00	.8131-02	.9632-02	.1061-01	74.32	.6042	.3585	550.9	.1336-03
127	24.036	.55000	461.00	.1285-01	.1522-01	.1677-01	74.23	.9535	.3593	552.1	.2112-03
127	24.036	.65000	463.00	.2614-01	.3098-01	.3415-01	74.05	1.935	.3607	554.3	.4298-03
127	24.036	.70000	464.00	.3834-01	.4547-01	.5014-01	73.82	2.830	.3627	557.3	.6308-03
127	24.036	.72500	465.00	.5185-01	.6153-01	.6786-01	73.62	3.818	.3643	559.8	.8534-03
127	24.036	.75000	466.00	.6134-01	.7282-01	.8033-01	73.48	4.507	.3655	561.7	.1010-02
127	24.036	.77500	467.00	.5749-01	.6826-01	.7531-01	73.41	4.221	.3660	562.5	.9467-03
127	24.036	.80000	468.00	.5968-01	.7086-01	.7817-01	73.44	4.383	.3658	562.2	.9827-03
127	24.036	.82500	469.00	.6452-01	.7659-01	.8448-01	73.52	4.744	.3651	561.1	.1062-02
127	24.036	.85000	470.00	.6332-01	.7519-01	.8296-01	73.37	4.646	.3664	563.0	.1043-02
127	24.036	.87500	471.00	.9246-01	.1098	.1212	73.28	6.776	.3671	564.2	.1523-02
127	24.036	.92500	472.00	.1160	.1379	.1523	72.83	8.446	.3709	569.9	.1912-02
127	24.036	.95000	277.00	.9671-01	.1151	.1271	72.56	7.017	.3731	573.4	.1595-02
127	24.036	.97500	473.00	.1197	.1426	.1578	71.84	8.597	.3791	582.6	.1977-02

OH84C 60-0 UPPER RH WING (R3Q006)

UPPER RH WING

PARAMETRIC DATA

MACH = 5.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
128	20.00	.0000	5.300	3.724	377.9	1496.	368.4	.4924	232.0	.1781-03	3957.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
128	.0000	.3145

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
128	24.036	.50000	460.00	.4962-02	.5877-02	.6473-02	74.43	.0693	.3573	548.6	.8147-04
128	24.036	.55000	461.00	.6287-02	.7446-02	.8203-02	74.34	.4674	.3580	549.7	.1032-03
128	24.036	.60000	463.00	.1415-01	.1677-01	.1847-01	74.23	1.050	.3589	551.1	.2324-03
128	24.036	.70000	464.00	.2201-01	.2608-01	.2875-01	74.07	1.630	.3602	553.1	.3615-03
128	24.036	.72500	465.00	.3180-01	.3770-01	.4155-01	73.95	2.352	.3612	554.5	.5225-03
128	24.036	.75000	466.00	.4427-01	.5249-01	.5787-01	73.87	3.270	.3619	555.7	.7275-03
128	24.036	.77500	467.00	.4457-01	.5286-01	.5828-01	73.85	3.292	.3621	555.9	.7326-03
128	24.036	.80000	468.00	.4919-01	.5832-01	.6429-01	73.91	3.635	.3616	555.2	.8083-03
128	24.036	.82500	469.00	.5073-01	.6015-01	.6630-01	73.96	3.752	.3612	554.5	.8336-03
128	24.036	.85000	470.00	.3759-01	.4458-01	.4914-01	73.90	2.778	.3616	555.2	.6178-03
128	24.036	.87500	471.00	.5685-01	.6741-01	.7431-01	73.88	4.200	.3618	555.6	.9343-03
128	24.036	.92500	472.00	.4539-01	.5386-01	.5940-01	73.62	3.342	.3540	558.9	.7464-03
128	24.036	.95000	277.00	.6344-01	.7531-01	.8309-01	73.39	4.656	.3659	561.8	.1044-02
128	24.036	.97500	473.00	.6307-01	.7500-01	.8283-01	72.77	4.590	.3710	569.7	.1039-02

UPPER RH WING

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
20	20.00	.0000	7.300	.9678	237.8	1542.	380.5	.4258-01	136.0	.2627-04	4173.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
20	.0000	.1278

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
20	24.036	.50000	460.00	.2444-03	.2891-03	.3182-03	31.40	.7672-02	.3537	560.9	.1047-04
20	24.036	.55000	461.00	.9212-03	.1090-02	.1200-02	31.40	.2893-01	.3536	560.7	.3945-04
20	24.036	.65000	463.00	.5525-03	.6536-03	.7194-03	31.42	.1736-01	.3533	560.2	.2366-04
20	24.036	.70000	464.00	.3060-02	.3620-02	.3984-02	31.42	.9612-01	.3533	560.3	.1310-03
20	24.036	.72500	465.00	.4872-02	.5782-02	.6342-02	31.44	.1532	.3529	559.7	.2086-03
20	24.036	.75000	466.00	.7572-02	.8957-02	.9857-02	31.43	.2380	.3530	559.7	.3243-03
20	24.036	.77500	467.00	.6498-02	.7686-02	.8459-02	31.43	.2042	.3530	559.8	.2783-03
20	24.036	.80000	468.00	.5277-02	.6242-02	.6870-02	31.43	.1658	.3531	559.9	.2260-03
20	24.036	.82500	469.00	.1040-01	.1231-01	.1354-01	31.42	.3269	.3532	560.0	.4455-03
20	24.036	.85000	470.00	.2634-02	.3116-02	.3429-02	31.46	.8289-01	.3524	558.8	.1128-03
20	24.036	.87500	471.00	.1085-02	.1283-02	.1412-02	31.44	.3411-01	.3528	559.4	.4644-04
20	24.036	.92500	472.00	.1566-01	.1852-01	.2038-01	31.47	.4928	.3522	558.5	.6704-03
20	24.036	.95000	277.00	.1406-01	.1663-01	.1830-01	31.46	.4424	.3525	558.9	.6022-03
20	24.036	.97500	473.00	.4184-01	.4950-01	.5449-01	31.40	1.314	.3536	560.7	.1792-02

UPPER RH WING

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
SDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
19	20.00	.0000	7.300	2.023	465.7	1484.	365.2	.8371-01	130.6	.5380-04	4089.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
19	.0000	.1785

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
19	24.036	.50000	460.00	.1106-02	.1315-02	.1452-02	40.98	.4533-01	.3708	564.4	.3313-04
19	24.036	.55000	461.00	.1280-02	.1522-02	.1691-02	40.97	.5246-01	.3708	564.5	.3835-04
19	24.036	.65000	463.00	.2206-02	.2623-02	.2897-02	40.96	.9038-01	.3710	564.7	.6609-04
19	24.036	.70000	464.00	.1809-02	.2152-02	.2376-02	40.94	.7407-01	.3713	565.3	.5420-04
19	24.036	.72500	465.00	.4087-02	.4859-02	.5367-02	40.95	.1673	.3712	565.0	.1224-03
19	24.036	.75000	466.00	.7005-02	.8330-02	.9200-02	40.93	.2867	.3714	565.4	.2098-03
19	24.036	.77500	467.00	.6942-02	.8256-02	.9119-02	40.93	.2841	.3715	565.6	.2080-03
19	24.036	.80000	468.00	.7718-02	.9179-02	.1014-01	40.92	.3158	.3716	565.7	.2312-03
19	24.036	.82500	469.00	.3444-02	.4095-02	.4522-02	41.00	.1412	.3705	564.0	.1032-03
19	24.036	.85000	470.00	.3225-02	.3835-02	.4235-02	40.97	.1321	.3708	564.5	.9660-04
19	24.036	.87500	471.00	.4423-02	.5259-02	.5808-02	40.95	.1811	.3711	564.9	.1325-03
19	24.036	.92500	472.00	.2387-01	.2838-01	.3133-01	41.00	.9787	.3704	563.9	.7149-03
19	24.036	.95000	277.00	.1962-01	.2333-01	.2576-01	41.00	.8045	.3705	564.0	.5877-03
19	24.036	.97500	473.00	.5086-01	.6049-01	.6681-01	40.91	2.080	.3718	566.0	.1524-02

UPPER RH WING

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
18	20.00	.0000	7.300	3.062	701.5	1480.	364.1	.1261	130.2	.8132-04	4082.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
18	.0000	.2190

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
18	24.036	.50000	460.00	.1238-02	.1470-02	.1622-02	50.39	.6235-01	.3677	558.1	.3012-04
18	24.036	.55000	461.00	.1740-02	.2057-02	.2282-02	50.39	.8769-01	.3677	558.0	.4236-04
18	24.036	.60000	462.00	.1444-02	.1715-02	.1892-02	50.41	.7277-01	.3675	557.6	.3514-04
18	24.036	.65000	463.00	.4675-02	.5554-02	.6130-02	50.39	.2356	.3677	558.0	.1138-03
18	24.036	.70000	464.00	.6675-02	.7930-02	.8753-02	50.36	.3362	.3680	558.4	.1625-03
18	24.036	.72500	465.00	.7027-02	.8347-02	.9213-02	50.36	.3539	.3680	558.5	.1711-03
18	24.036	.75000	466.00	.8891-02	.1056-01	.1166-01	50.34	.4476	.3682	558.8	.2164-03
18	24.036	.77500	467.00	.8915-02	.1059-01	.1169-01	50.34	.4488	.3682	558.8	.2170-03
18	24.036	.80000	468.00	.8940-02	.1062-01	.1173-01	50.32	.4499	.3685	559.2	.2177-03
18	24.036	.82500	469.00	.7195-02	.8546-02	.9431-02	50.42	.3627	.3674	557.5	.1751-03
18	24.036	.85000	470.00	.5413-02	.6430-02	.7096-02	50.38	.2727	.3678	558.2	.1318-03
18	24.036	.87500	471.00	.7423-02	.8819-02	.9735-02	50.34	.3737	.3682	558.8	.1807-03
18	24.036	.92500	472.00	.2648-01	.3145-01	.3472-01	50.36	1.334	.3680	558.5	.6446-03
18	24.036	.95000	277.00	.3690-01	.4384-01	.4839-01	50.34	1.858	.3683	558.9	.8984-03
18	24.036	.97500	474.00	.6945-01	.8255-01	.9116-01	50.19	3.486	.3701	561.6	.1691-02

UPPER RH WING

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
17	20.00	.0000	7.300	3.571	868.0	1532.	377.9	.1555	135.1	.9659-04	4159.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
17	.0000	.2441

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
17	24.036	.50000	460.00	.1718-02	.2030-02	.2232-02	60.06	.1032	.3485	548.9	.3832-04
17	24.036	.55000	461.00	.2860-02	.3378-02	.3715-02	60.06	.1718	.3485	548.9	.6377-04
17	24.036	.60000	462.00	.2775-02	.3278-02	.3604-02	60.12	.1668	.3479	548.0	.6187-04
17	24.036	.65000	463.00	.6480-02	.7655-02	.8418-02	60.07	.3993	.3484	548.7	.1445-03
17	24.036	.70000	464.00	.9224-02	.1090-01	.1198-01	60.06	.5540	.3485	548.9	.2057-03
17	24.036	.72500	465.00	.9486-02	.1121-01	.1232-01	60.05	.5697	.3486	549.0	.2115-03
17	24.036	.75000	466.00	.1123-01	.1326-01	.1459-01	60.04	.6741	.3488	549.3	.2504-03
17	24.036	.77500	467.00	.1140-01	.1347-01	.1481-01	60.04	.6846	.3487	549.2	.2543-03
17	24.036	.80000	468.00	.1220-01	.1441-01	.1585-01	60.04	.7322	.3488	549.3	.2720-03
17	24.036	.82500	469.00	.7861-02	.9284-02	.1021-01	60.13	.4727	.3478	547.7	.1753-03
17	24.036	.85000	470.00	.6664-02	.8108-02	.8916-02	60.09	.4124	.3483	548.5	.1530-03
17	24.036	.87500	471.00	.9948-02	.1175-01	.1292-01	60.07	.5976	.3484	548.7	.2218-03
17	24.036	.92500	472.00	.2639-01	.3118-01	.3429-01	60.03	1.584	.3488	549.4	.5885-03
17	24.036	.95000	277.00	.6714-02	.7932-02	.8724-02	60.02	.4029	.3490	549.6	.1497-03
17	24.036	.97500	473.00	.7423-01	.8777-01	.9658-01	59.75	4.435	.3518	554.0	.1656-02

UPPER RH WING

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
21	25.00	.0000	7.300	.9962	238.4	1518.	374.2	.4276-01	133.8	.2682-04	4139.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
21	.0000	.1279

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
21	24.036	.50000	460.00	.1070-02	.1267-02	.1396-02	30.72	.3287-01	.3576	557.7	.4534-04
21	24.036	.55000	461.00	.6429-03	.7614-03	.8387-03	30.72	.1975-01	.3575	557.5	.2724-04
21	24.036	.65000	463.00	.5919-03	.7009-03	.7720-03	30.74	.1820-01	.3571	556.9	.2508-04
21	24.036	.70000	464.00	.1856-02	.2198-02	.2421-02	30.75	.5707-01	.3570	556.8	.7864-04
21	24.036	.72500	465.00	.3168-02	.3750-02	.4130-02	30.77	.9746-01	.3566	556.1	.1342-03
21	24.036	.75000	466.00	.6809-02	.8062-02	.8878-02	30.77	.2095	.3565	556.2	.2884-03
21	24.036	.77500	467.00	.7462-02	.8835-02	.9731-02	30.77	.2296	.3565	556.0	.3161-03
21	24.036	.80000	468.00	.7843-02	.9286-02	.1023-01	30.77	.2413	.3566	556.1	.3323-03
21	24.036	.82500	469.00	.9098-02	.1077-01	.1186-01	30.80	.2802	.3560	555.2	.3854-03
21	24.036	.85000	470.00	.4503-02	.5330-02	.5970-02	30.81	.1387	.3558	554.9	.1907-03
21	24.036	.87500	471.00	.5711-02	.6761-02	.7446-02	30.79	.1758	.3562	555.5	.2419-03
21	24.036	.92500	472.00	.2314-01	.2739-01	.3016-01	30.83	.7135	.3553	554.2	.9801-03
21	24.036	.95000	277.00	.3499-01	.4141-01	.4560-01	30.82	1.078	.3555	554.5	.1482-02
21	24.036	.97500	473.00	.5019-01	.5942-01	.6543-01	30.78	1.545	.3563	555.8	.2126-02

UPPER RH WING

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
22	25.00	.0000	7.300	1.915	464.2	1529.	377.2	.8318-01	134.9	.5176-04	4155.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
22	.0000	.1785

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.650	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
22	24.036	.50000	460.00	.2471-02	.2925-02	.3221-02	43.36	.1071	.3555	558.8	.7538-04
22	24.036	.55000	461.00	.2591-02	.3067-02	.3377-02	43.37	.1124	.3553	558.6	.7904-04
22	24.036	.65000	463.00	.4167-02	.4931-02	.5428-02	43.42	.1809	.3546	557.6	.1271-03
22	24.036	.70000	464.00	.4269-02	.5052-02	.5562-02	43.41	.1853	.3547	557.7	.1302-03
22	24.036	.72500	465.00	.4770-02	.5644-02	.6213-02	43.47	.2073	.3539	556.4	.1455-03
22	24.036	.75000	466.00	.8275-02	.9791-02	.1078-01	43.47	.3597	.3539	556.4	.2523-03
22	24.036	.77500	467.00	.1012-01	.1197-01	.1318-01	43.48	.4400	.3538	556.2	.3086-03
22	24.036	.80000	468.00	.1183-01	.1400-01	.1541-01	43.50	.5147	.3535	555.8	.3608-03
22	24.036	.82500	469.00	.1055-01	.1248-01	.1374-01	43.47	.4587	.3538	556.2	.3217-03
22	24.036	.85000	470.00	.8102-02	.9583-02	.1055-01	43.55	.3529	.3527	554.5	.2470-03
22	24.036	.87500	471.00	.4165-02	.4926-02	.5421-02	43.55	.1814	.3528	554.6	.1270-03
22	24.036	.92500	472.00	.3428-01	.4054-01	.4461-01	43.58	1.494	.3524	554.0	.1045-02
22	24.036	.95000	277.00	.4611-01	.5453-01	.6002-01	43.56	2.008	.3526	554.4	.1406-02
22	24.036	.97500	473.00	.6518-01	.7711-01	.8488-01	43.47	2.833	.3539	556.4	.1987-02

UPPER RH WING

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
23	25.00	.0000	7.300	2.971	696.7	1500.	369.4	.1251	132.1	.7949-04	4112.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
23	.0000	.2184

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
23	24.036	.50000	460.00	.3075-02	.3648-02	.4024-02	51.29	.1577	.3639	560.2	.7571-04
23	24.036	.55000	461.00	.3180-02	.3773-02	.4161-02	51.29	.1631	.3638	560.1	.7830-04
23	24.036	.60000	462.00	.3864-02	.4584-02	.5055-02	51.35	.1984	.3631	559.1	.9514-04
23	24.036	.65000	463.00	.6497-02	.7708-02	.8500-02	51.32	.3334	.3635	559.6	.1600-03
23	24.036	.70000	464.00	.8968-02	.1064-01	.1173-01	51.31	.4601	.3636	559.8	.2208-03
23	24.036	.72500	465.00	.1023-01	.1214-01	.1339-01	51.34	.5254	.3632	559.2	.2520-03
23	24.036	.75000	466.00	.1437-01	.1704-01	.1879-01	51.33	.7374	.3634	559.5	.3537-03
23	24.036	.77500	467.00	.1634-01	.1938-01	.2137-01	51.32	.8384	.3634	559.5	.4022-03
23	24.036	.80000	468.00	.1794-01	.2128-01	.2347-01	51.32	.9206	.3635	559.6	.4417-03
23	24.036	82500	469.00	.1849-01	.2193-01	.2418-01	51.38	.9499	.3627	558.5	.4551-03
23	24.036	.85000	470.00	.1207-01	.1432-01	.1579-01	51.40	.6206	.3625	558.2	.2972-03
23	24.036	.87500	471.00	.1148-01	.1361-01	.1501-01	51.37	.5895	.3629	558.7	.2825-03
23	24.036	.92500	472.00	.1564-01	.1855-01	.2045-01	51.40	.8038	.3625	558.2	.3850-03
23	24.036	.95000	277.00	.2788-01	.3307-01	.3646-01	51.36	1.432	.3630	558.9	.6863-03
23	24.036	.97500	473.00	.6509-01	.7726-01	.8523-01	51.19	3.332	.3650	561.9	.1603-02

UPPER RH WING

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
24	25.00	.0000	7.300	3.859	860.1	1456.	357.8	.1549	127.9	.1016-03	4047.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
24	.0000	.2423

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
24	24.036	.50000	460.00	.3316-02	.3948-02	.4364-02	54.09	.1793	.3756	560.2	.7224-04
24	24.036	.55000	461.00	.5030-02	.5988-02	.6620-02	54.09	.2721	.3756	560.1	.1096-03
24	24.036	.60000	462.00	.7033-02	.8373-02	.9254-02	54.15	.3809	.3749	559.0	.1532-03
24	24.036	.65000	463.00	.1032-01	.1228-01	.1358-01	54.12	.5583	.3753	559.7	.2247-03
24	24.036	.70000	464.00	.1538-01	.1831-01	.2024-01	54.12	.8324	.3753	559.7	.3351-03
24	24.036	.72500	465.00	.1616-01	.1923-01	.2126-01	54.14	.8748	.3750	559.2	.3519-03
24	24.036	.75000	466.00	.1985-01	.2364-01	.2613-01	54.13	1.075	.3751	559.4	.4325-03
24	24.036	.77500	467.00	.2178-01	.2593-01	.2866-01	54.14	1.179	.3750	559.3	.4745-03
24	24.036	.80000	468.00	.2558-01	.3057-01	.3379-01	54.14	1.390	.3751	559.3	.5594-03
24	24.036	.82500	469.00	.2270-01	.2701-01	.2985-01	54.25	1.231	.3738	557.5	.4943-03
24	24.036	.85000	470.00	.1805-01	.2149-01	.2375-01	54.23	.9791	.3741	557.8	.3932-03
24	24.036	.87500	471.00	.1814-01	.2159-01	.2385-01	54.21	.9833	.3743	558.2	.3951-03
24	24.036	.92500	472.00	.1771-01	.2108-01	.2329-01	54.23	.9605	.3741	557.8	.3858-03
24	24.036	.95000	277.00	.4082-01	.4860-01	.5371-01	54.17	2.212	.3747	558.8	.8892-03
24	24.036	.97500	473.00	.4096-01	.4879-01	.5395-01	53.98	2.211	.3768	561.9	.8927-03

WING MISC.

PARAMETRIC DATA

MACH = 5.300 ALPHA = 20.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
129	20.00	-3.000	5.300	3.548	377.5	1540.	380.0	.4903	239.3	.1719-03	4019.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
129	.0000	.3147

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
129	1.0000	482.00	.25526-01	.3017-01	.3320-01	77.58	1.980	.3508	555.6	.4269-03
129	1.0000	483.00	.34440-01	.4071-01	.4479-01	77.60	2.673	.3507	555.4	.5760-03
129	1.0000	484.00	.31362-02	.3708-02	.4078-02	77.53	.2431	.3513	556.3	.5246-04
129	1.0000	485.00	.39705-02	.4695-02	.5166-02	77.44	.3075	.3520	557.4	.6642-04
129	1.0000	490.00	.38666-01	.4570-01	.5028-01	77.64	3.002	.3504	554.9	.6466-03
129	1.0000	491.00	.10313-01	.1220-01	.1342-01	77.42	.7985	.3521	557.6	.1725-03

PARAMETRIC DATA

MACH = 5.300 ALPHA = 25.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
130	25.00	-3.000	5.300	3.747	379.3	1494.	367.9	.4944	231.7	.1791-03	3954.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
130	.0000	.3151

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
130	1.0000	482.00	.44886-01	.5321-01	.5864-01	74.07	3.325	.3605	552.7	.7354-03
130	1.0000	483.00	.54014-01	.6403-01	.7057-01	74.08	4.001	.3605	552.6	.8849-03
130	1.0000	484.00	.49950-02	.5923-02	.6530-02	73.97	.3696	.3613	553.9	.8187-04
130	1.0000	485.00	.69858-02	.8285-02	.9134-02	73.87	.5160	.3622	555.3	.1145-03
130	1.0000	490.00	.43965-01	.5211-01	.5743-01	74.10	3.258	.3603	552.3	.7203-03
130	1.0000	491.00	.12442-01	.1476-01	.1627-01	73.85	.9188	.3623	555.5	.2039-03

OH84C 60-0 WING MISC. (R3QP03)

WING MISC.

PARAMETRIC DATA

MACH = 5.300 ALPHA = 30.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
131	30.00	-3.000	5.300	3.674	376.4	1505.	370.7	.4901	233.4	.1762-03	3969.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
131	.0000	.3139

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
131	1.0000	482.00	.61777-01	.7314-01	.8055-01	74.86	4.625	.3564	550.5	.1020-02
131	1.0000	483.00	.70494-01	.8346-01	.9191-01	74.89	5.279	.3562	550.2	.1164-02
131	1.0000	484.00	.67835-02	.8032-02	.8847-02	74.81	.5074	.3568	551.2	.1120-03
131	1.0000	485.00	.84272-02	.9980-02	.1099-01	74.73	.6298	.3574	552.2	.1392-03
131	1.0000	490.00	.61015-01	.7223-01	.7954-01	74.92	4.571	.3559	549.8	.1007-02
131	1.0000	491.00	.20048-01	.2374-01	.2615-01	74.73	1.498	.3574	552.2	.3311-03

WING MISC.

PARAMETRIC DATA

MACH = 5.300 ALPHA = 30.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
126	30.00	.0000	5.300	3.990	376.7	1431.	351.3	.4931	221.2	.1870-03	3864.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
126	.0000	.3132

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
126	1.0000	482.00	.64594-01	.7719-01	.8554-01	67.34	4.350	.3873	567.1	.1039-02
126	1.0000	483.00	.77683-01	.9283-01	.1029	67.37	5.234	.3870	566.7	.1249-02
126	1.0000	484.00	.11445-01	.1368-01	.1516-01	67.30	.7703	.3877	567.6	.1841-03
126	1.0000	485.00	.14636-01	.1750-01	.1939-01	67.21	.9836	.3895	568.8	.2354-03
126	1.0000	490.00	.78253-01	.9350-01	.1036	67.39	5.273	.3869	566.5	.1258-02
126	1.0000	491.00	.13536-01	.1618-01	.1794-01	67.20	.9096	.3885	568.9	.2177-03

WING MISC.

PARAMETRIC DATA

MACH = 5.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
127	25.00	.0000	5.300	3.716	377.6	1497.	368.7	.4920	232.2	.1778-03	3958.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
127	.0000	.3144

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
127	1.0000	482.00	.50027-01	.5940-01	.6554-01	73.39	3.671	.3663	562.8	.8238-03
127	1.0000	483.00	.62088-01	.7372-01	.8134-01	73.38	4.556	.3663	562.9	.1022-02
127	1.0000	484.00	.11108-01	.1320-01	.1456-01	73.21	.8132	.3677	565.1	.1830-03
127	1.0000	485.00	.10307-01	.1225-01	.1352-01	73.04	.7528	.3691	567.2	.1698-03
127	1.0000	490.00	.51809-01	.6151-01	.6787-01	73.40	3.803	.3661	562.6	.8531-03
127	1.0000	491.00	.11153-01	.1326-01	.1464-01	72.99	.8141	.3695	567.8	.1838-03

WING MISC.

PARAMETRIC DATA

MACH = 5.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPQBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
128	20.00	.0000	5.300	3.724	377.9	1496.	368.4	.4924	232.0	.1781-03	3957.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
128	.0000	.3145

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
128	1.0000	482.00	.30546-01	.3622-01	.3993-01	73.88	2.257	.3618	555.6	.5020-03
128	1.0000	483.00	.37900-01	.4494-01	.4955-01	73.88	2.800	.3618	555.5	.6229-03
128	1.0000	484.00	.60191-02	.7139-02	.7871-02	73.81	.4443	.3624	556.4	.9893-04
128	1.0000	485.00	.60416-02	.7167-02	.7904-02	73.70	.4452	.3634	557.9	.9932-04
128	1.0000	490.00	.30760-01	.3647-01	.4021-01	73.92	2.274	.3615	555.1	.5055-03
128	1.0000	491.00	.90565-02	.1074-01	.1185-01	73.67	.6672	.3636	558.2	.1489-03

OH84C 60-0 WING MISC.

(R3QP07)

WING MISC.

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
20	20.00	.0000	7.300	.9678	237.8	1542.	380.5	.4258-01	136.0	.2627-04	4173.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
20	.0000	.1278

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
20	1.0000	484.00	.16582-02	.1961-02	.2158-02	31.46	.5217-01	.3524	558.9	.7100-04
20	1.0000	485.00	.27773-02	.3285-02	.3615-02	31.44	.8731-01	.3529	559.6	.1189-03
20	1.0000	491.00	.21043-02	.2489-02	.2739-02	31.44	.6615-01	.3529	559.6	.9011-04

WING MISC.

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
19	20.00	.0000	7.300	2.023	465.7	1484.	365.2	.8371-01	130.6	.5380-04	4089.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
19	.0000	.1785

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
19	1.0000	482.00	.11862-02	.1411-02	.1558-02	40.94	.4856-01	.3713	565.3	.3553-04
19	1.0000	483.00	.16877-02	.2007-02	.2216-02	40.95	.6912-01	.3711	564.9	.5056-04
19	1.0000	484.00	.13464-02	.1601-02	.1768-02	40.95	.5513-01	.3712	565.1	.4034-04
19	1.0000	485.00	.27253-02	.3241-02	.3580-02	40.92	.1115	.3716	565.7	.8165-04
19	1.0000	490.00	.21639-02	.2573-02	.2842-02	40.95	.8861-01	.3712	565.0	.6482-04
19	1.0000	491.00	.28391-02	.3376-02	.3729-02	40.94	.1162	.3714	565.3	.8505-04

WING MISC.

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
18	20.00	.0000	7.300	3.062	701.5	1480.	364.1	.1261	130.2	.8132-04	4082.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
18	.0000	.2190

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
18	1.0000	482.00	.43029-02	.5112-02	.5642-02	50.37	.2167	.3680	558.4	.1047-03
18	1.0000	483.00	.47849-02	.5684-02	.6274-02	50.37	.2410	.3680	558.4	.1165-03
18	1.0000	484.00	.13269-02	.1576-02	.1740-02	50.34	.6579-01	.3683	558.9	.3230-04
18	1.0000	485.00	.46010-02	.5467-02	.6035-02	50.30	.2314	.3688	559.7	.1120-03
18	1.0000	490.00	.33929-02	.4031-02	.4449-02	50.36	.1709	.3680	558.5	.8259-04
18	1.0000	491.00	.58440-02	.6944-02	.7666-02	50.29	.2939	.3689	559.8	.1423-03

WING MISC.

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
17	20.00	.0000	7.300	3.571	868.0	1532.	377.9	.1555	135.1	.9659-04	4159.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
17	.0000	.2441

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
17	1.0000	482.00	.69310-02	.8186-02	.9001-02	60.13	.4168	.3478	547.7	.1545-03
17	1.0000	483.00	.77059-02	.9102-02	.1001-01	60.12	.4533	.3479	547.9	.1718-03
17	1.0000	484.00	.19043-02	.2249-02	.2474-02	60.08	.1144	.3484	548.6	.4246-04
17	1.0000	485.00	.53054-02	.6268-02	.6893-02	60.04	.3185	.3487	549.2	.1183-03
17	1.0000	490.00	.44969-02	.5312-02	.5841-02	60.10	.2703	.3481	548.2	.1003-03
17	1.0000	491.00	.54861-02	.6482-02	.7129-02	60.01	.3292	.3491	549.7	.1224-03

WING MISC.

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
21	25.00	.0000	7.300	.9962	238.4	1518.	374.2	.4276-01	133.8	.2682-04	4139.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
21	.0000	.1279

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
21	1.0000	482.00	.15427-02	.1826-02	.2011-02	30.82	.4755-01	.3554	554.3	.6533-04
21	1.0000	483.00	.11027-02	.1305-02	.1437-02	30.83	.3400-01	.3552	554.0	.4670-04
21	1.0000	484.00	.68949-03	.8161-03	.8986-03	30.82	.2125-01	.3555	554.5	.2920-04
21	1.0000	485.00	.19055-02	.2256-02	.2484-02	30.80	.5869-01	.3558	555.0	.8071-04
21	1.0000	490.00	.47594-03	.5633-03	.6203-03	30.82	.1467-01	.3554	554.4	.2016-04
21	1.0000	491.00	.21719-02	.2571-02	.2831-02	30.81	.6690-01	.3558	554.9	.9199-04

WING MISC.

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BOFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
22	25.00	.0000	7.300	1.915	464.2	1529.	377.2	.8318-01	134.9	.5176-04	4155.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
22	.0000	.1785

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
22	1.0000	482.00	.77480-02	.9161-02	.1008-01	43.62	.3380	.3517	553.0	.2351-03
22	1.0000	483.00	.73340-02	.8672-02	.9542-02	43.62	.3199	.3517	552.9	.2235-03
22	1.0000	484.00	.12872-02	.1522-02	.1675-02	43.63	.5617-01	.3515	552.6	.3923-04
22	1.0000	485.00	.30020-02	.3550-02	.3906-02	43.62	.1309	.3517	553.0	.9150-04
22	1.0000	490.00	.30832-02	.3646-02	.4011-02	43.62	.1345	.3517	553.0	.9397-04
22	1.0000	491.00	.53734-02	.6354-02	.6991-02	43.62	.2344	.3518	553.0	.1638-03

WING MISC.

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
23	25.00	.0000	7.300	2.971	696.7	1500.	369.4	.1251	132.1	.7949-04	4112.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
23	.0000	.2184

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
23	1.0000	482.00	.13965-01	.1656-01	.1826-01	51.43	.7182	.3622	557.7	.3438-03
23	1.0000	483.00	.14823-01	.1758-01	.1938-01	51.44	.7625	.3620	557.4	.3649-03
23	1.0000	484.00	.17624-02	.2090-02	.2305-02	51.41	.9060-01	.3624	559.0	.4338-04
23	1.0000	485.00	.45747-02	.5427-02	.5984-02	51.36	.2350	.3630	558.9	.1126-03
23	1.0000	490.00	.72036-02	.8543-02	.9418-02	51.43	.3705	.3621	557.6	.1773-03
23	1.0000	491.00	.80797-02	.9584-02	.1057-01	51.36	.4150	.3630	558.9	.1989-03

WING MISC.

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
24	25.00	.0000	7.300	3.859	860.1	1456.	357.8	.1549	127.9	.1016-03	4047.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
24	.0000	.2423

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
24	1.0000	482.00	.18728-01	.2229-01	.2463-01	54.26	1.016	.3737	557.3	.4078-03
24	1.0000	483.00	.19226-01	.2288-01	.2528-01	54.28	1.044	.3734	556.9	.4186-03
24	1.0000	484.00	.35833-02	.4264-02	.4712-02	54.27	.1945	.3736	557.2	.7803-04
24	1.0000	485.00	.56473-02	.6721-02	.7428-02	54.21	.3061	.3743	558.1	.1230-03
24	1.0000	490.00	.13114-01	.1560-01	.1724-01	54.27	.7117	.3736	557.1	.2856-03
24	1.0000	491.00	.71036-02	.8455-02	.9343-02	54.21	.3851	.3743	558.1	.1547-03

OH84C 60-0 WING LOWER SURFACE (R3QQ01)

WING LOWER SURF

PARAMETRIC DATA

MACH = 5.300 ALPHA = 20.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
129	20.00	-3.000	5.300	3.548	377.5	1540.	380.0	.4903	239.3	.1719-03	4019.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
129	.0000	.3147

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
129	.30000	.90000	83.000	.8668-01	.1025	.1127	77.59	6.725	.3508	555.6	.1450-02
129	.30000	.95000	84.000	.7551-01	.8930-01	.9827-01	77.37	5.842	.3525	558.3	.1263-02

WING LOWER SURF

PARAMETRIC DATA

MACH = 5.300 ALPHA = 25.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
130	25.00	-3.000	5.300	3.747	379.3	1494.	367.9	.4944	231.7	.1791-03	3954.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
130	.0000	.3151

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
130	.30000	.90000	83.000	.1168	.1385	.1527	74.05	8.652	.3607	553.0	.1914-02
130	.30000	.95000	84.000	.1072	.1271	.1402	73.77	7.907	.3630	556.5	.1757-02

WING LOWER SURF

PARAMETRIC DATA

MACH = 5.300 ALPHA = 30.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
131	30.00	-3.000	5.300	3.674	376.4	1505.	370.7	.4901	233.4	.1762-03	3969.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
131	.0000	.3139

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
131	.30000	.90000	83.000	.1496	.1772	.1952	74.69	11.17	.3577	552.6	.2471-02
131	.30000	.95000	84.000	.1424	.1688	.1860	74.44	10.60	.3598	555.9	.2353-02

OH84C 60-O WING LOWER SURFACE (R3QQ04)

WING LOWER SURF

PARAMETRIC DATA

MACH = 5.300 ALPHA = 30.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
126	30.00	.0000	5.300	3.990	376.7	1431.	351.3	.4931	221.2	.1870-03	3864.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
126	.0000	.3132

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
126	.30000	.90000	83.000	.1505	.1800	.1995	67.08	10.09	.3896	570.5	.2421-02
126	.30000	.95000	84.000	.1421	.1701	.1887	66.75	9.486	.3925	574.7	.2288-02

OH84C 60-O WING LOWER SURFACE (R3QQ05)

WING LOWER SURF

PARAMETRIC DATA

MACH = 5.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BOFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
127	25.00	.0000	5.300	3.716	377.6	1497.	368.7	.4920	232.2	.1778-03	3958.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
127	.0000	.3144

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
127	.30000	.90000	83.000	.1151	.1366	.1507	73.53	8.462	.3650	560.9	.1895-02
127	.30000	.95000	84.000	.1062	.1262	.1393	73.12	7.765	.3685	566.3	.1750-02

OH84C 60-0 WING LOWER SURFACE (R3QQ06)

WING LOWER SURF

PARAMETRIC DATA

MACH = 5.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
128	20.00	.0000	5.300	3.724	377.9	1496.	368.4	.4924	232.0	.1781-03	3957.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
128	.0000	.3145

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
128	.30000	.90000	83.000	.8732-01	.1035	.1141	73.91	6.454	.3616	555.1	.1435-02
128	.30000	.95000	84.000	.7866-01	.9333-01	.1029	73.62	5.790	.3640	558.9	.1293-02

WING LOWER SURF

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
20	20.00	.0000	7.300	.9678	237.8	1542.	380.5	.4258-01	136.0	.2627-04	4173.	.1750-01
30	20.00	.0000	7.300	1.031	236.1	1479.	363.9	.4245-01	130.1	.2739-04	4081.	.1750-01
37	20.00	.0000	7.300	1.014	236.3	1494.	368.0	.4244-01	131.5	.2707-04	4104.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
20	.0000	.1278
30	.0000	.1271
37	.0000	.1272

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
37	.30000	.10000+00	1075.0	.6894-01	.8195-01	.9050-01	29.43	2.029	.3704	568.1	.2912-02
37	.30000	.20000	1076.0	.6621-01	.7870-01	.8690-01	29.44	1.949	.3701	567.6	.2797-02
37	.30000	.30000	1077.0	.6252-01	.7432-01	.8205-01	29.44	1.841	.3701	567.6	.2641-02
37	.30000	.40000	1078.0	.4170-01	.4957-01	.5473-01	29.43	1.227	.3703	568.0	.1761-02
37	.30000	.50000	1079.0	.3488-01	.4146-01	.4578-01	29.46	1.028	.3697	567.0	.1473-02
37	.30000	.60000	1080.0	.2838-01	.3373-01	.3724-01	29.48	.8366	.3694	566.5	.1199-02
37	.30000	.70000	1081.0	.2849-01	.3387-01	.3739-01	29.46	.8393	.3698	567.2	.1204-02
37	.30000	.80000	1082.0	.2136-01	.2540-01	.2804-01	29.43	.6288	.3703	567.9	.9025-03
20	.30000	.90000	83.000	.1844-01	.2183-01	.2404-01	31.31	.5774	.3555	563.7	.7902-03
20	.30000	.95000	84.000	.1739-01	.2059-01	.2267-01	31.28	.5442	.3559	564.4	.7453-03
37	.40000	.30000	1090.0	.5538-01	.6583-01	.7259-01	29.45	1.631	.3700	567.4	.2340-02
37	.40000	.60000	1092.0	.4094-01	.4863-01	.5368-01	29.53	1.209	.3682	564.7	.1729-02
37	.40000	.70000	1093.0	.4025-01	.4784-01	.5282-01	29.48	1.187	.3693	566.4	.1700-02
37	.40000	.75000	1094.0	.3700-01	.4397-01	.4855-01	29.47	1.090	.3696	566.8	.1563-02
20	.40000	.85000	95.000	.2990-01	.3538-01	.3896-01	31.33	.9367	.3550	563.0	.1281-02
20	.40000	.90000	96.000	.2329-01	.2757-01	.3036-01	31.29	.7286	.3558	564.3	.9978-03
20	.40000	.95000	97.000	.3488-02	.4122-02	.4534-02	31.57	.1101	.3502	555.3	.1493-03

OH84C 60-0 WING LOWER SURFACE (R3QQ07)

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
37	.50000	.60000	1105.0	.5765-01	.6851-01	.7564-01	29.49	1.700	.3692	566.2	.2435-02
37	.50000	.70000	1106.0	.3919-01	.4656-01	.5140-01	29.52	1.157	.3685	565.2	.1655-02
37	.60000	.25000-01	1110.0	.2879	.3430	.3793	29.06	8.366	.3779	579.6	.1218-01
37	.60000	.75000-01	1112.0	.1510	.1798	.1988	29.11	4.394	.3770	578.2	.6388-02
37	.60000	.10000+00	1113.0	.1121	.1335	.1476	29.12	3.263	.3768	577.8	.4742-02
37	.60000	.20000	1114.0	.6243-01	.7434-01	.8218-01	29.17	1.821	.3757	576.2	.2641-02
37	.60000	.30000	1115.0	.5847-01	.6959-01	.7690-01	29.25	1.710	.3741	573.7	.2472-02
37	.60000	.40000	1116.0	.5590-01	.6650-01	.7346-01	29.32	1.639	.3725	571.3	.2363-02
37	.60000	.50000	1117.0	.5275-01	.6273-01	.6929-01	29.36	1.549	.3717	570.1	.2229-02
37	.60000	.70000	1119.0	.3933-01	.4676-01	.5154-01	29.41	1.157	.3708	568.6	.1662-02
20	.60000	.80000	120.00	.2812-01	.3092-01	.3405-01	31.30	.8176	.3557	564.0	.1119-02
20	.60000	.90000	122.00	.2403-01	.2846-01	.3135-01	31.21	.7500	.3574	566.8	.1030-02
20	.60000	.95000	123.00	.1732-01	.2052-01	.2260-01	31.16	.5397	.3584	568.3	.7425-03
20	.70000	.60000	131.00	.6213-01	.7360-01	.8108-01	31.17	1.936	.3583	568.1	.2664-02
20	.70000	.90000	132.00	.7240-01	.9583-01	.9460-01	31.04	2.247	.3608	572.2	.3106-02
20	.75000	.40000	139.00	.5538-01	.6565-01	.7235-01	31.05	1.720	.3605	571.7	.2375-02
20	.75000	.60000	140.00	.7418-01	.8793-01	.9632-01	31.05	2.303	.3606	571.8	.3182-02
20	.75000	.80000	142.00	.4991-01	.5914-01	.6517-01	31.10	1.552	.3595	570.0	.2140-02
20	.75000	.90000	143.00	.3028-01	.3591-01	.3959-01	30.98	.9382	.3619	573.9	.1299-02
20	.75000	.95000	144.00	.2861-01	.3393-01	.3740-01	30.98	.8864	.3619	573.9	.1228-02
20	.80000	.40000	147.00	.5703-01	.6763-01	.7464-01	30.87	1.761	.3641	577.3	.2448-02
20	.85000	.20000	150.00	.1096	.1302	.1437	30.63	3.356	.3688	584.9	.4708-02
20	.85000	.40000	151.00	.7787-01	.9249-01	.1021	30.70	2.390	.3676	582.9	.3345-02
20	.90000	.00000	152.00	.1878	.2232	.2465	30.52	5.731	.3710	588.2	.8073-02
20	.90000	.10000+00	153.00	.1582	.1881	.2078	30.48	4.821	.3719	589.7	.6803-02
20	.90000	.20000	154.00	.1161	.1381	.1526	30.47	3.538	.3720	589.9	.4994-02
37	.90000	.60000	1157.0	.6840-01	.8149-01	.9011-01	29.09	1.990	.3774	578.8	.2895-02
20	.90000	.80000	158.00	.5525-01	.6558-01	.7235-01	30.81	1.702	.3652	579.2	.2372-02
20	.90000	.90000	159.00	.4083-01	.4849-01	.5351-01	30.72	1.254	.3671	582.1	.1754-02
20	.95000	.10000+00	162.00	.1300	.1548	.1711	30.29	3.939	.3756	595.6	.5597-02
20	.95000	.20000	163.00	.1186	.1412	.1561	30.31	3.595	.3751	594.9	.5104-02
20	.95000	.30000	164.00	.1040	.1239	.1369	30.33	3.155	.3748	594.4	.4478-02
20	.95000	.50000	165.00	.7037-01	.8374-01	.9253-01	30.39	2.139	.3735	592.3	.3028-02
20	.95000	.70000	166.00	.6184-01	.7346-01	.8108-01	30.69	1.898	.3677	583.1	.2657-02
30	.95000	.80000	167.00	.5817-01	.6913-01	.7632-01	29.13	1.695	.3693	560.1	.2441-02
30	.95000	.90000	168.00	.4020-01	.4778-01	.5275-01	29.11	1.170	.3698	560.8	.1687-02

OH84C 60-0 WING LOWER SURFACE (R30008)

WING LOWER SURF

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
19	20.00	.0000	7.300	2.023	465.7	1484.	365.2	.8371-01	130.6	.5380-04	4089.	.1750-01
31	20.00	.0000	7.300	1.910	461.2	1526.	376.4	.8267-01	134.5	.5156-04	4150.	.1750-01
36	20.00	.0000	7.300	1.959	465.4	1511.	372.5	.8349-01	133.2	.5261-04	4129.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
19	.0000	.1785
31	.0000	.1779
36	.0000	.1786

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
36	.30000	.10000+00	1075.0	.6526-01	.7745-01	.8544-01	42.21	2.755	.3648	566.3	.1977-02
36	.30000	.20000	1076.0	.6314-01	.7492-01	.8262-01	42.27	2.669	.3639	565.0	.1912-02
36	.30000	.30000	1077.0	.6244-01	.7407-01	.8168-01	42.32	2.642	.3632	563.8	.1891-02
36	.30000	.40000	1078.0	.3918-01	.4648-01	.5125-01	42.30	1.657	.3634	564.2	.1186-02
36	.30000	.50000	1079.0	.3212-01	.3810-01	.4201-01	42.36	1.361	.3626	562.9	.9725-03
36	.30000	.60000	1080.0	.2733-01	.3241-01	.3573-01	42.39	1.158	.3622	562.3	.8274-03
36	.30000	.70000	1081.0	.2705-01	.3209-01	.3539-01	42.33	1.145	.3630	563.5	.8192-03
36	.30000	.80000	1082.0	.1445-01	.1715-01	.1892-01	42.23	.6104	.3645	565.9	.4378-03
19	.30000	.90000	83.000	.2071-01	.2465-01	.2724-01	40.72	.8433	.3746	570.3	.6209-03
19	.30000	.95000	84.000	.1646-01	.1960-01	.2166-01	40.63	.6687	.3759	572.1	.4936-03
36	.40000	.30000	1090.0	.5116-01	.6071-01	.6695-01	42.24	2.161	.3643	565.6	.1550-02
36	.40000	.60000	1092.0	.3514-01	.4167-01	.4594-01	42.41	1.490	.3619	561.9	.1064-02
36	.40000	.70000	1093.0	.3466-01	.4113-01	.4536-01	42.27	1.465	.3639	565.0	.1050-02
36	.40000	.75000	1094.0	.3215-01	.3816-01	.4209-01	42.21	1.357	.3648	566.4	.9739-03
19	.40000	.85000	95.000	.2531-01	.3013-01	.3330-01	40.71	1.030	.3747	570.4	.7589-03
19	.40000	.90000	96.000	.1974-01	.2351-01	.2599-01	40.62	.8020	.3760	572.4	.5921-03
19	.40000	.95000	97.000	.2764-02	.3278-02	.3614-02	41.53	.1148	.3626	552.0	.8262-04

OH84C 60-0 WING LOWER SURFACE (R3QQ08)

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
36	.50000	.60000	1105.0	.5541-01	.7050-01	.7775-01	42.25	2.510	.3642	565.3	.1799-02
36	.50000	.70000	1106.0	.3984-01	.4728-01	.5214-01	42.25	1.683	.3642	565.3	.1207-02
36	.60000	.25000-01	1110.0	.2696	.3211	.3551	41.36	11.15	.3771	585.4	.8190-02
36	.60000	.75000-01	1112.0	.1471	.1751	.1936	41.45	6.097	.3757	583.3	.4467-02
36	.60000	.10000+00	1113.0	.1089	.1296	.1433	41.48	4.516	.3754	582.7	.3306-02
36	.60000	.20000	1114.0	.6720-01	.7998-01	.8838-01	41.58	2.794	.3739	580.5	.2040-02
36	.60000	.30000	1115.0	.7659-01	.9108-01	.1006	41.74	3.197	.3715	576.8	.2324-02
36	.60000	.40000	1116.0	.8933-01	.1069	.1180	41.93	3.773	.3688	572.6	.2728-02
36	.60000	.50000	1117.0	.8326-01	.9891-01	.1092	42.00	3.498	.3677	570.9	.2524-02
36	.60000	.70000	1119.0	.1146	.1361	.1502	42.02	4.815	.3676	570.7	.3474-02
19	.60000	.80000	120.00	.8592-01	.1023	.1131	40.62	3.490	.3761	572.5	.2577-02
19	.60000	.90000	122.00	.6567-01	.7827-01	.8658-01	40.44	2.656	.3788	576.6	.1971-02
19	.60000	.95000	123.00	.4433-01	.5285-01	.5847-01	40.37	1.790	.3797	578.0	.1331-02
19	.70000	.60000	131.00	.1992	.2375	.2627	40.43	8.055	.3788	576.7	.5990-02
19	.70000	.90000	132.00	.8804-01	.1050	.1163	40.21	3.540	.3822	581.7	.2644-02
19	.75000	.40000	139.00	.1697	.2023	.2239	40.33	6.844	.3803	578.9	.5094-02
19	.75000	.60000	140.00	.1713	.2043	.2260	40.32	6.907	.3804	579.1	.5143-02
19	.75000	.80000	142.00	.8281-01	.9886-01	.1094	40.35	3.345	.3801	578.6	.2489-02
19	.75000	.90000	143.00	.4849-01	.5787-01	.6407-01	40.15	1.947	.3830	583.0	.1457-02
19	.75000	.95000	144.00	.4550-01	.5431-01	.6012-01	40.15	1.827	.3830	583.0	.1367-02
19	.80000	.40000	147.00	.1719	.2051	.2271	40.14	6.900	.3831	583.2	.5164-02
19	.85000	.20000	150.00	.1003	.1198	.1328	39.87	3.997	.3872	589.4	.3015-02
19	.85000	.40000	151.00	.7493-01	.8952-01	.9917-01	39.93	2.992	.3862	587.9	.2253-02
19	.90000	.00000	152.00	.1717	.2053	.2276	39.76	6.827	.3888	591.9	.5167-02
19	.90000	.10000+00	153.00	.1484	.1775	.1967	39.68	5.888	.3899	593.5	.4465-02
19	.90000	.20000	154.00	.1059	.1267	.1404	39.66	4.200	.3902	594.0	.3187-02
36	.90000	.60000	1157.0	.7242-01	.8639-01	.9561-01	41.05	2.973	.3816	592.5	.2203-02
19	.90000	.80000	158.00	.6233-01	.7442-01	.8241-01	40.05	2.497	.3844	585.2	.1873-02
19	.90000	.90000	159.00	.5305-01	.6337-01	.7021-01	39.92	2.118	.3863	588.1	.1595-02
19	.95000	.10000+00	162.00	.1232	.1476	.1637	39.47	4.865	.3930	598.3	.3712-02
19	.95000	.20000	163.00	.1106	.1325	.1470	39.45	4.365	.3933	598.7	.3333-02
19	.95000	.30000	164.00	.9705-01	.1162	.1289	39.49	3.832	.3928	597.9	.2923-02
19	.95000	.50000	165.00	.6860-01	.8205-01	.9097-01	39.68	2.722	.3900	593.6	.2065-02
19	.95000	.70000	166.00	.6204-01	.7411-01	.8210-01	39.94	2.478	.3861	587.8	.1865-02
31	.95000	.80000	167.00	.5768-01	.6852-01	.7563-01	42.23	2.436	.3681	577.4	.1767-02
31	.95000	.90000	168.00	.3943-01	.4685-01	.5172-01	42.20	1.664	.3686	578.2	.1209-02

OH84C 60-0 WING LOWER SURFACE (R3QQ09)

WING LOWER SURF

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
18	20.00	.0000	7.300	3.062	701.5	1480.	364.1	.1261	130.2	.8132-04	4082.	.1750-01
32	20.00	.0000	7.300	2.938	701.0	1515.	373.5	.1257	133.5	.7901-04	4135.	.1750-01
35	20.00	.0000	7.300	2.885	697.2	1527.	376.5	.1249	134.6	.7789-04	4151.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
18	.0000	.2190
32	.0000	.2192
35	.0000	.2187

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
35	.30000	.10000+00	1075.0	.6511-01	.7709-01	.8490-01	52.94	3.447	.3565	559.5	.1619-02
35	.30000	.20000	1076.0	.6494-01	.7688-01	.8467-01	52.96	3.439	.3563	559.1	.1615-02
35	.30000	.30000	1077.0	.6332-01	.7497-01	.8256-01	52.97	3.354	.3562	559.0	.1575-02
35	.30000	.40000	1078.0	.3836-01	.4542-01	.5002-01	52.95	2.031	.3564	559.3	.9540-03
35	.30000	.50000	1079.0	.3364-01	.3982-01	.4386-01	52.99	1.783	.3560	558.7	.8365-03
35	.30000	.60000	1080.0	.3153-01	.3733-01	.4110-01	53.01	1.671	.3558	558.3	.7840-03
35	.30000	.70000	1081.0	.3205-01	.3795-01	.4179-01	52.95	1.697	.3565	559.5	.7970-03
35	.30000	.80000	1082.0	.2644-01	.3132-01	.3450-01	52.81	1.396	.3581	561.9	.6578-03
18	.30000	.90000	83.000	.2884-01	.3430-01	.3789-01	50.05	1.444	.3718	564.2	.7027-03
18	.30000	.95000	84.000	.2084-01	.2479-01	.2739-01	49.95	1.041	.3730	566.0	.5078-03
35	.40000	.30000	1090.0	.5052-01	.5982-01	.6588-01	52.94	2.675	.3565	559.5	.1256-02
35	.40000	.60000	1092.0	.3597-01	.4257-01	.4687-01	53.09	1.910	.3548	556.8	.8942-03
35	.40000	.70000	1093.0	.3538-01	.4189-01	.4612-01	52.99	1.875	.3560	558.7	.8798-03
35	.40000	.75000	1094.0	.3229-01	.3823-01	.4210-01	52.95	1.710	.3564	559.3	.8030-03
18	.40000	.85000	95.000	.2648-01	.3149-01	.3478-01	50.08	1.326	.3714	563.6	.6451-03
18	.40000	.90000	96.000	.2065-01	.2457-01	.2715-01	49.93	1.031	.3733	566.5	.5034-03
35	.50000	.60000	1105.0	.9600-01	.1136	.1252	52.99	5.087	.3560	558.7	.2387-02

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 WING LOWER SURFACE

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.950	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
35	.50000	.70000	1106.0	.7999-01	.9468-01	.1043	53.01	4.240	.3557	558.2	.1989-02
35	.60000	.25000-01	1110.0	.2650	.3145	.3470	52.19	13.83	.3653	573.3	.6603-02
35	.60000	.75000-01	1112.0	.1507	.1788	.1972	52.28	7.877	.3643	571.7	.3754-02
35	.60000	.10000+00	1113.0	.1137	.1349	.1488	52.31	5.946	.3640	571.2	.2832-02
35	.60000	.20000	1114.0	.1118	.1326	.1462	52.38	5.856	.3631	569.8	.2784-02
35	.60000	.30000	1115.0	.2193	.2600	.2866	52.52	11.52	.3615	567.2	.5459-02
35	.60000	.40000	1116.0	.2075	.2459	.2709	52.67	10.93	.3598	564.6	.5163-02
35	.60000	.50000	1117.0	.2261	.2679	.2952	52.73	11.92	.3591	563.5	.5626-02
35	.60000	.70000	1119.0	.1757	.2082	.2293	52.76	9.269	.3587	562.9	.4371-02
18	.60000	.80000	120.00	.1048	.1247	.1377	49.99	5.239	.3725	565.3	.2554-02
18	.60000	.90000	122.00	.7656-01	.9117-01	.1008	49.71	3.806	.3759	570.4	.1867-02
18	.60000	.95000	123.00	.5444-01	.6485-01	.7171-01	49.60	2.700	.3773	572.5	.1328-02
18	.70000	.60000	131.00	.2113	.2515	.2780	49.78	10.52	.3750	569.1	.5151-02
18	.70000	.90000	132.00	.9459-01	.1128	.1247	49.43	4.675	.3793	575.7	.2309-02
18	.75000	.40000	139.00	.2224	.2649	.2930	49.58	11.02	.3775	572.9	.5425-02
18	.75000	.80000	142.00	.8658-01	.1031	.1140	49.61	4.295	.3771	572.3	.2112-02
18	.75000	.90000	143.00	.5445-01	.6494-01	.7186-01	49.31	2.685	.3807	577.7	.1330-02
18	.75000	.95000	144.00	.5178-01	.6176-01	.6834-01	49.30	2.553	.3808	577.9	.1264-02
18	.80000	.40000	147.00	.2037	.2431	.2691	49.18	10.02	.3823	580.2	.4977-02
18	.85000	.20000	150.00	.1041	.1244	.1378	48.78	5.077	.3872	587.6	.2546-02
18	.85000	.40000	151.00	.1306	.1560	.1728	48.85	6.379	.3862	586.1	.3193-02
18	.90000	.00000	152.00	.1698	.2030	.2251	48.53	8.247	.3898	591.2	.4155-02
18	.90000	.10000+00	153.00	.1503	.1804	.2001	48.44	7.304	.3912	593.7	.3691-02
18	.90000	.20000	154.00	.1069	.1280	.1419	48.43	5.179	.3914	593.9	.2618-02
35	.90000	.60000	1157.0	.1009	.1201	.1326	51.57	5.205	.3726	584.7	.2519-02
18	.90000	.80000	158.00	.8910-01	.1064	.1178	49.04	4.370	.3840	582.7	.2177-02
18	.90000	.90000	159.00	.6206-01	.7413-01	.8212-01	48.86	3.032	.3861	585.9	.1517-02
18	.95000	.10000+00	162.00	.1235	.1480	.1643	48.07	5.939	.3957	600.5	.3028-02
18	.95000	.30000	164.00	.9613-01	.1152	.1278	48.13	4.627	.3949	599.4	.2356-02
18	.95000	.50000	165.00	.6919-01	.8282-01	.9186-01	48.37	3.347	.3921	595.1	.1694-02
18	.95000	.70000	166.00	.6908-01	.8254-01	.9144-01	48.81	3.372	.3867	586.9	.1689-02
32	.95000	.80000	167.00	.6101-01	.7294-01	.8085-01	49.92	3.046	.3886	604.9	.1517-02
32	.95000	.90000	168.00	.4529-01	.5416-01	.6003-01	49.88	2.259	.3892	605.8	.1126-02

OH84C 60-O WING LOWER SURFACE (R3QQ10)

WING LOWER SURF

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BOFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
17	20.00	.0000	7.300	3.571	868.0	1532.	377.9	.1555	135.1	.9659-04	4159.	.1750-01
33	20.00	.0000	7.300	3.582	862.0	1523.	375.5	.1545	134.3	.9659-04	4146.	.1750-01
34	20.00	.0000	7.300	3.476	865.4	1554.	383.6	.1548	137.1	.9472-04	4190.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
17	.0000	.2441
33	.0000	.2431
34	.0000	.2439

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
34	.30000	.10000+00	1075.0	.6328-01	.7489-01	.8246-01	60.25	3.813	.3551	567.7	.1429-02
34	.30000	.20000	1076.0	.6249-01	.7396-01	.8143-01	60.28	3.767	.3549	567.4	.1411-02
34	.30000	.30000	1077.0	.6313-01	.7471-01	.8225-01	60.30	3.807	.3547	567.1	.1425-02
34	.30000	.40000	1078.0	.3772-01	.4463-01	.4914-01	60.30	2.274	.3547	567.1	.8513-03
34	.30000	.50000	1079.0	.3381-01	.4000-01	.4403-01	60.41	2.043	.3535	565.2	.7630-03
34	.30000	.60000	1080.0	.3350-01	.3963-01	.4362-01	60.39	2.023	.3537	565.6	.7560-03
34	.30000	.70000	1081.0	.3653-01	.4322-01	.4758-01	60.38	2.206	.3538	565.7	.8245-03
34	.30000	.80000	1082.0	.2322-01	.2746-01	.3022-01	60.48	1.404	.3528	564.1	.5239-03
17	.30000	.90000	83.000	.3544-01	.4188-01	.4606-01	59.96	2.125	.3496	550.5	.7904-03
17	.30000	.95000	84.000	.2665-01	.3150-01	.3465-01	59.91	1.597	.3501	551.4	.5945-03
34	.40000	.30000	1090.0	.4843-01	.5729-01	.6307-01	60.41	2.926	.3535	565.3	.1093-02
34	.40000	.60000	1092.0	.3531-01	.4175-01	.4594-01	60.54	2.137	.3522	563.1	.7965-03
34	.40000	.70000	1093.0	.3491-01	.4128-01	.4543-01	60.53	2.113	.3524	563.4	.7875-03
34	.40000	.75000	1094.0	.3225-01	.3814-01	.4198-01	60.52	1.952	.3524	563.4	.7277-03
17	.40000	.85000	95.000	.2780-01	.3286-01	.3614-01	59.91	1.666	.3500	551.3	.6202-03
17	.40000	.90000	96.000	.2213-01	.2616-01	.2878-01	59.80	1.323	.3512	553.1	.4938-03
34	.50000	.60000	1105.0	.1566	.1853	.2039	60.51	9.479	.3525	563.6	.3534-02

OH84C 60-0 WING LOWER SURFACE (R3QQ10)

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
34	.50000	.70000	1106.0	.1340	.1584	.1743	60.59	8.118	.3518	562.4	.3023-02
34	.60000	.25000-01	1110.0	.2507	.2970	.3272	59.99	15.04	.3579	572.2	.5664-02
34	.60000	.75000-01	1112.0	.1505	.1783	.1963	60.08	9.044	.3569	570.7	.3400-02
34	.60000	.10000+00	1113.0	.1171	.1387	.1527	60.10	7.038	.3568	570.4	.2645-02
34	.60000	.20000	1114.0	.1924	.2278	.2509	60.17	11.58	.3560	569.3	.4345-02
34	.60000	.30000	1115.0	.2520	.2983	.3285	60.25	15.19	.3552	567.9	.5690-02
34	.60000	.40000	1116.0	.2405	.2846	.3134	60.29	14.50	.3548	567.3	.5429-02
34	.60000	.50000	1117.0	.2285	.2704	.2977	60.32	13.78	.3545	566.7	.5158-02
34	.60000	.70000	1119.0	.1731	.2048	.2254	60.38	10.45	.3538	565.7	.3907-02
17	.60000	.80000	120.00	.1100	.1300	.1430	59.79	6.574	.3513	553.3	.2453-02
17	.60000	.90000	122.00	.8089-01	.9571-01	.1054	59.51	4.814	.3542	557.9	.1806-02
17	.60000	.95000	123.00	.5706-01	.6754-01	.7436-01	59.41	3.390	.3553	559.6	.1274-02
17	.70000	.60000	131.00	.2252	.2666	.2936	59.40	13.38	.3554	559.7	.5030-02
17	.70000	.90000	132.00	.1031	.1221	.1345	59.14	6.097	.3581	564.0	.2304-02
17	.75000	.40000	139.00	.2337	.2768	.3049	59.14	13.82	.3581	564.0	.5222-02
17	.75000	.60000	142.00	.9130-01	.1081	.1190	59.31	5.415	.3563	561.1	.2039-02
17	.75000	.90000	143.00	.6148-01	.7286-01	.8030-01	58.98	3.626	.3597	566.6	.1374-02
17	.75000	.95000	144.00	.5769-01	.6837-01	.7535-01	58.97	3.402	.3598	566.7	.1290-02
17	.80000	.40000	147.00	.2194	.2603	.2871	58.61	12.86	.3636	572.6	.4909-02
17	.85000	.20000	150.00	.1150	.1366	.1507	58.29	6.703	.3669	577.9	.2575-02
17	.85000	.40000	151.00	.1935	.2299	.2538	58.16	11.26	.3683	580.1	.4335-02
17	.90000	.00000	152.00	.1745	.2075	.2292	57.80	10.08	.3721	586.0	.3911-02
17	.90000	.10000+00	153.00	.1549	.1844	.2037	57.62	8.926	.3739	588.9	.3474-02
17	.90000	.20000	154.00	.1110	.1321	.1460	57.58	6.389	.3743	589.6	.2489-02
34	.90000	.60000	1157.0	.1625	.1929	.2129	59.23	9.625	.3657	584.7	.3678-02
17	.90000	.80000	158.00	.9481-01	.1125	.1241	58.52	5.548	.3646	574.2	.2122-02
17	.90000	.90000	159.00	.6574-01	.7805-01	.8612-01	58.36	3.837	.3662	576.7	.1472-02
17	.95000	.10000+00	162.00	.1244	.1483	.1640	57.14	7.110	.3789	596.8	.2794-02
17	.95000	.30000	164.00	.9890-01	.1179	.1304	57.19	5.656	.3784	596.0	.2220-02
17	.95000	.50000	165.00	.7473-01	.8897-01	.9833-01	57.53	4.299	.3749	590.4	.1676-02
17	.95000	.70000	166.00	.8743-01	.1039	.1146	58.20	5.088	.3679	579.4	.1958-02
33	.95000	.80000	167.00	.8164-01	.9741-01	.1078	56.28	4.595	.3821	598.0	.1834-02
33	.95000	.90000	168.00	.5809-01	.6933-01	.7676-01	56.19	3.264	.3830	599.5	.1305-02

WING LOWER SURF

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
21	25.00	.0000	7.300	.9962	238.4	1518.	374.2	.4276-01	133.8	.2682-04	4139.	.1750-01
29	25.00	.0000	7.300	1.020	234.3	1482.	364.8	.4213-01	130.4	.2711-04	4086.	.1750-01
38	25.00	.0000	7.300	1.042	236.6	1471.	362.0	.4257-01	129.4	.2760-04	4070.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
21	.0000	.1279
29	.0000	.1266
38	.0000	.1272

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
38	.30000	.10000+00	1075.0	.7753-01	.9237-01	.1021	28.81	2.237	.3734	563.4	.3246-02
38	.30000	.20000	1076.0	.7495-01	.8919-01	.9856-01	28.80	2.158	.3738	563.9	.3135-02
38	.30000	.30000	1077.0	.7127-01	.8492-01	.9374-01	28.77	2.050	.3743	564.8	.2981-02
38	.30000	.40000	1078.0	.4565-01	.5434-01	.6006-01	28.75	1.313	.3747	565.3	.1910-02
38	.30000	.50000	1079.0	.3823-01	.4550-01	.5029-01	28.77	1.100	.3744	564.9	.1599-02
38	.30000	.60000	1080.0	.2976-01	.3542-01	.3915-01	28.77	.8564	.3743	564.7	.1245-02
38	.30000	.70000	1081.0	.2871-01	.3418-01	.3778-01	28.75	.8254	.3748	565.5	.1201-02
38	.30000	.80000	1082.0	.2370-01	.2822-01	.3120-01	28.69	.6800	.3760	567.2	.9917-03
21	.30000	.90000	83.000	.2298-01	.2722-01	.2999-01	30.73	.7061	.3573	557.3	.9737-03
21	.30000	.95000	84.000	.2204-01	.2611-01	.2876-01	30.71	.6770	.3576	557.8	.9340-03
38	.40000	.30000	1090.0	.6825-01	.7284-01	.8711-01	28.82	1.909	.3734	563.3	.2771-02
38	.40000	.60000	1092.0	.4911-01	.5843-01	.6455-01	28.85	1.417	.3728	562.4	.2053-02
38	.40000	.70000	1093.0	.5128-01	.6101-01	.6741-01	28.82	1.478	.3733	563.3	.2144-02
38	.40000	.75000	1094.0	.4838-01	.5757-01	.6361-01	28.81	1.394	.3736	563.6	.2023-02
21	.40000	.85000	95.000	.4185-01	.4956-01	.5459-01	30.72	1.286	.3574	557.4	.1773-02
21	.40000	.90000	96.000	.3296-01	.3904-01	.4301-01	30.70	1.012	.3580	558.3	.1397-02
21	.40000	.95000	97.000	.5432-02	.6427-02	.7075-02	30.89	.1678	.3541	552.3	.2300-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 WING LOWER SURFACE

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
38	.50000	.60000	1105.0	.5872-01	.6986-01	.7719-01	28.84	1.693	.3730	562.7	.2455-02
38	.50000	.70000	1106.0	.3683-01	.4380-01	.4838-01	28.88	1.064	.3720	561.3	.1540-02
38	.60000	.25000-01	1110.0	.3105	.3700	.4093	28.57	8.872	.3784	570.9	.1300-01
38	.60000	.75000-01	1112.0	.1739	.2071	.2290	28.63	4.978	.3772	569.0	.7277-02
38	.60000	.10000+00	1113.0	.1381	.1645	.1819	28.65	3.957	.3769	568.7	.5781-02
38	.60000	.20000	1114.0	.9841-01	.1172	.1295	28.69	2.823	.3761	567.4	.4118-02
38	.60000	.30000	1115.0	.9369-01	.1115	.1233	28.71	2.690	.3755	566.5	.3920-02
38	.60000	.40000	1116.0	.8690-01	.1035	.1144	28.73	2.497	.3752	566.0	.3636-02
38	.60000	.50000	1117.0	.8029-01	.9559-01	.1056	28.73	2.307	.3751	565.9	.3359-02
38	.60000	.70000	1119.0	.5455-01	.6492-01	.7174-01	28.78	1.570	.3741	564.4	.2281-02
21	.60000	.80000	120.00	.3508-01	.4155-01	.4577-01	30.71	1.078	.3576	557.8	.1487-02
21	.60000	.90000	122.00	.3306-01	.3917-01	.4317-01	30.64	1.013	.3592	560.2	.1401-02
21	.60000	.95000	123.00	.2489-01	.2950-01	.3251-01	30.60	.7616	.3600	561.5	.1055-02
21	.70000	.60000	131.00	.7289-01	.8637-01	.9518-01	30.62	2.232	.3595	560.7	.3090-02
21	.70000	.90000	132.00	.1051	.1246	.1373	30.57	3.213	.3606	562.4	.4456-02
21	.75000	.40000	139.00	.9079-01	.1076	.1186	30.56	2.774	.3608	562.7	.3850-02
21	.75000	.60000	140.00	.7765-01	.9228-01	.1017	30.57	2.380	.3605	562.3	.3301-02
21	.75000	.80000	142.00	.5190-01	.6150-01	.6777-01	30.62	1.599	.3596	560.8	.2200-02
21	.75000	.90000	143.00	.3415-01	.4048-01	.4463-01	30.53	1.043	.3613	563.5	.1448-02
21	.75000	.95000	144.00	.3167-01	.3755-01	.4139-01	30.53	.9669	.3613	563.6	.1343-02
21	.80000	.40000	147.00	.7894-01	.9384-01	.1032	30.45	2.403	.3630	566.1	.3349-02
21	.85000	.20000	150.00	.1265	.1502	.1658	30.29	3.833	.3661	570.9	.5372-02
21	.85000	.40000	151.00	.9379-01	.1113	.1228	30.35	2.847	.3649	569.2	.3981-02
21	.90000	.00000	152.00	.1860	.2209	.2438	30.24	5.625	.3672	572.7	.7899-02
21	.90000	.10000+00	153.00	.1808	.2147	.2370	30.22	5.462	.3676	573.3	.7676-02
38	.90000	.20000	154.00	.1362	.1618	.1786	30.22	4.116	.3676	573.4	.5784-02
38	.90000	.60000	1157.0	.1137	.1356	.1500	28.53	3.244	.3794	572.4	.4763-02
21	.90000	.80000	158.00	.9808-01	.1163	.1283	30.46	2.987	.3628	565.9	.4161-02
21	.90000	.90000	159.00	.7120-01	.8450-01	.9320-01	30.37	2.163	.3645	568.5	.3022-02
21	.95000	.10000+00	162.00	.1429	.1698	.1875	30.10	4.300	.3700	577.1	.6071-02
21	.95000	.30000	164.00	.1251	.1487	.1641	30.13	3.769	.3693	576.1	.5315-02
21	.95000	.50000	165.00	.8767-01	.1041	.1149	30.22	2.650	.3675	573.1	.3723-02
21	.95000	.70000	166.00	.7671-01	.9103-01	.1004	30.39	2.331	.3642	568.0	.3255-02
29	.95000	.80000	167.00	.7195-01	.8550-01	.9438-01	29.12	2.096	.3688	560.6	.3035-02
29	.95000	.90000	168.00	.5176-01	.6151-01	.6790-01	29.11	1.506	.3692	561.2	.2183-02

WING LOWER SURF

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
22	25.00	.0000	7.300	1.915	464.2	1529.	377.2	.8318-01	134.9	.5176-04	4155.	.1750-01
25	25.00	.0000	7.300	2.041	463.6	1472.	362.2	.8341-01	129.5	.5406-04	4071.	.1750-01
39	25.00	.0000	7.300	1.931	465.6	1525.	375.9	.8346-01	134.4	.5211-04	4148.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
22	.0000	.1785
25	.0000	.1780
39	.0000	.1787

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
39	.30000	.10000+00	1075.0	.7420-01	.8787-01	.9678-01	43.16	3.203	.3570	559.3	.2256-02
39	.30000	.20000	1076.0	.7267-01	.8605-01	.9477-01	43.19	3.139	.3566	558.7	.2209-02
39	.30000	.30000	1077.0	.7166-01	.8484-01	.9343-01	43.21	3.096	.3564	558.3	.2178-02
39	.30000	.40000	1078.0	.4346-01	.5144-01	.5665-01	43.24	1.879	.3559	557.6	.1321-02
39	.30000	.50000	1079.0	.3255-01	.3853-01	.4243-01	43.26	1.408	.3557	557.3	.9894-03
39	.30000	.60000	1080.0	.2774-01	.3282-01	.3613-01	43.35	1.202	.3544	555.2	.8429-03
39	.30000	.70000	1081.0	.2595-01	.3071-01	.3380-01	43.38	1.126	.3539	554.5	.7886-03
39	.30000	.80000	1082.0	.1909-01	.2258-01	.2486-01	43.41	.8288	.3534	553.8	.5800-03
22	.30000	.90000	83.000	.2301-01	.2722-01	.2997-01	43.47	1.000	.3539	556.4	.7016-03
22	.30000	.95000	84.000	.1998-01	.2364-01	.2602-01	43.48	.8687	.3537	556.1	.6092-03
39	.40000	.30000	1090.0	.6243-01	.7389-01	.8135-01	43.29	2.703	.3551	556.4	.1897-02
39	.40000	.60000	1092.0	.4331-01	.5122-01	.5638-01	43.44	1.881	.3531	553.2	.1316-02
39	.40000	.70000	1093.0	.4516-01	.5341-01	.5879-01	43.43	1.961	.3532	553.4	.1372-02
39	.40000	.75000	1094.0	.4239-01	.5014-01	.5518-01	43.44	1.841	.3531	553.2	.1288-02
22	.40000	.85000	95.000	.3686-01	.4363-01	.4803-01	43.40	1.600	.3548	557.9	.1124-02
22	.40000	.90000	96.000	.2846-01	.3368-01	.3708-01	43.41	1.236	.3547	557.6	.8681-03
22	.40000	.95000	97.000	.4798-02	.5671-02	.6239-02	43.71	.2097	.3504	550.9	.1462-03

OH84C 60-0 WING LOWER SURFACE (R3QQ12)

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
39	.50000	.60000	1105.0	.5972-01	.7064-01	.7775-01	43.42	2.593	.3534	553.7	.1814-02
39	.50000	.70000	1106.0	.3736-01	.4419-01	.4863-01	43.46	1.624	.3528	552.8	.1135-02
39	.60000	.25000-01	1110.0	.3114	.3690	.4057	42.98	13.39	.3596	563.4	.9474-02
39	.60000	.75000-01	1112.0	.1802	.2135	.2352	43.03	7.753	.3589	562.3	.5481-02
39	.60000	.10000+00	1113.0	.1449	.1717	.1892	43.04	6.238	.3587	562.0	.4406-02
39	.60000	.20000	1114.0	.1049	.1243	.1369	43.09	4.520	.3582	561.2	.3191-02
39	.60000	.30000	1115.0	.1107	.1311	.1444	43.16	4.780	.3570	559.4	.3367-02
39	.60000	.40000	1116.0	.1008	.1193	.1314	43.24	4.358	.3560	557.7	.3064-02
39	.60000	.50000	1117.0	.8642-01	.1141	.1257	43.28	4.173	.3554	556.8	.2931-02
39	.60000	.70000	1119.0	.7218-01	.8542-01	.9405-01	43.31	3.127	.3548	556.0	.2194-02
22	.60000	.80000	120.00	.4704-01	.5568-01	.6131-01	43.35	2.039	.3556	559.1	.1435-02
22	.60000	.90000	122.00	.4143-01	.4906-01	.5404-01	43.25	1.792	.3570	561.3	.1264-02
22	.60000	.95000	123.00	.2797-01	.3313-01	.3649-01	43.22	1.209	.3574	561.9	.8535-03
22	.70000	.60000	131.00	.1820	.2157	.2377	43.06	7.837	.3597	565.6	.5557-02
22	.70000	.90000	132.00	.1264	.1498	.1651	43.09	5.447	.3593	564.9	.3860-02
22	.75000	.40000	139.00	.1007	.1194	.1316	42.93	4.321	.3616	568.5	.3075-02
22	.75000	.60000	140.00	.1728	.2050	.2259	42.92	7.418	.3617	568.7	.5280-02
22	.75000	.80000	142.00	.1032	.1223	.1348	43.15	4.455	.3584	563.5	.3151-02
22	.75000	.90000	143.00	.6801-01	.8061-01	.8884-01	43.02	2.926	.3603	566.4	.2077-02
22	.75000	.95000	144.00	.6314-01	.7483-01	.8247-01	43.02	2.716	.3603	566.4	.1928-02
22	.80000	.40000	147.00	.1582	.1878	.2072	42.65	6.749	.3655	574.7	.4837-02
22	.85000	.20000	150.00	.1286	.1529	.1698	42.29	5.441	.3706	582.7	.3938-02
22	.85000	.40000	151.00	.2169	.2577	.2845	42.38	9.190	.3695	580.9	.6636-02
22	.90000	.00000	152.00	.1712	.2036	.2249	42.18	7.219	.3724	585.4	.5241-02
22	.90000	.10000+00	153.00	.1711	.2036	.2250	42.06	7.194	.3740	588.0	.5240-02
22	.90000	.20000	154.00	.1305	.1553	.1717	42.02	5.484	.3746	588.9	.3998-02
39	.90000	.60000	1157.0	.1903	.2261	.2496	42.39	8.068	.3681	576.7	.5801-02
22	.90000	.80000	158.00	.1144	.1358	.1498	42.71	4.886	.3647	573.4	.3497-02
22	.90000	.90000	159.00	.8405-01	.9979-01	.1101	42.61	3.582	.3661	575.5	.2570-02
22	.95000	.10000+00	162.00	.1276	.1521	.1682	41.79	5.334	.3779	594.1	.3914-02
22	.95000	.30000	164.00	.1167	.1390	.1537	41.83	4.879	.3773	593.2	.3576-02
22	.95000	.50000	165.00	.8338-01	.9923-01	.1096	42.07	3.508	.3738	587.7	.2554-02
22	.95000	.70000	166.00	.9703-01	.1152	.1272	42.53	4.126	.3673	577.5	.2968-02
25	.95000	.80000	167.00	.9482-01	.1136	.1261	38.84	3.683	.3961	597.9	.2850-02
25	.95000	.90000	168.00	.6442-01	.7724-01	.8578-01	38.76	2.497	.3974	599.9	.1937-02

OH84C 60-O WING LOWER SURFACE (R30013)

WING LOWER SURF

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
23	25.00	.0000	7.300	2.971	696.7	1500.	369.4	.1251	132.1	.7949-04	4112.	.1750-01
28	25.00	.0000	7.300	2.953	700.8	1510.	372.2	.1257	133.1	.7930-04	4127.	.1750-01
40	25.00	.0000	7.300	2.929	702.3	1520.	374.7	.1259	133.9	.7890-04	4141.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
23	.0000	.2184
28	.0000	.2191
40	.0000	.2195

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
40	.30000	.10000+00	1075.0	.6955-01	.8229-01	.9058-01	53.10	3.693	.3538	552.4	.1717-02
40	.30000	.20000	1076.0	.7031-01	.8317-01	.9155-01	53.13	3.735	.3535	551.9	.1735-02
40	.30000	.30000	1077.0	.6946-01	.8217-01	.9045-01	53.13	3.691	.3534	551.8	.1715-02
40	.30000	.40000	1078.0	.4134-01	.4890-01	.5382-01	53.15	2.197	.3532	551.5	.1020-02
40	.30000	.50000	1079.0	.3105-01	.3671-01	.4040-01	53.23	1.653	.3523	550.0	.7661-03
40	.30000	.60000	1080.0	.3083-01	.3646-01	.4012-01	53.23	1.641	.3523	550.1	.7609-03
40	.30000	.70000	1081.0	.3373-01	.3989-01	.4390-01	53.24	1.796	.3521	549.8	.8324-03
40	.30000	.80000	1082.0	.2649-01	.3133-01	.3448-01	53.23	1.410	.3523	550.1	.6538-03
23	.30000	.90000	83.000	.3634-01	.4313-01	.4758-01	51.19	1.860	.3650	561.9	.8950-03
23	.30000	.95000	84.000	.3043-01	.3613-01	.3986-01	51.14	1.556	.3657	563.0	.7497-03
40	.40000	.30000	1090.0	.6099-01	.7213-01	.7939-01	53.19	3.244	.3528	550.9	.1505-02
40	.40000	.60000	1092.0	.4339-01	.5130-01	.5644-01	53.32	2.313	.3512	548.4	.1070-02
40	.40000	.70000	1093.0	.4547-01	.5376-01	.5915-01	53.29	2.423	.3516	549.0	.1122-02
40	.40000	.75000	1094.0	.4333-01	.5123-01	.5637-01	53.28	2.309	.3517	549.1	.1069-02
23	.40000	.85000	95.000	.3860-01	.4581-01	.5054-01	51.17	1.975	.3653	562.4	.9507-03
23	.40000	.90000	96.000	.3026-01	.3593-01	.3964-01	51.08	1.546	.3663	564.1	.7455-03
23	.40000	.95000	97.000	.4178-02	.4952-02	.5457-02	51.58	.2155	.3604	554.9	.1028-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 WING LOWER SURFACE

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
40	.50000	.60000	1105.0	.7347-01	.8688-01	.9560-01	53.26	3.913	.3519	549.5	.1813-02
40	.50000	.70000	1106.0	.4605-01	.5445-01	.5991-01	53.30	2.454	.3515	548.9	.1136-02
40	.60000	.25000-01	1110.0	.2766	.3276	.3609	52.75	14.59	.3579	558.9	.6834-02
40	.60000	.75000-01	1112.0	.1720	.2037	.2244	52.81	9.085	.3572	557.8	.4250-02
40	.60000	.10000+00	1113.0	.1423	.1685	.1856	52.83	7.517	.3570	557.4	.3515-02
40	.60000	.20000	1114.0	.1656	.1973	.2173	52.88	8.811	.3564	556.5	.4115-02
40	.60000	.30000	1115.0	.2553	.3028	.3334	52.97	13.55	.3553	554.8	.6316-02
40	.60000	.40000	1116.0	.2653	.3139	.3456	53.03	14.07	.3546	553.7	.6550-02
40	.60000	.50000	1117.0	.2696	.3190	.3511	53.07	14.31	.3542	553.0	.6655-02
40	.60000	.70000	1119.0	.2035	.2409	.2652	53.04	10.80	.3545	553.5	.5025-02
23	.60000	.80000	120.00	.1402	.1665	.1837	51.06	7.158	.3666	564.5	.3454-02
23	.60000	.90000	122.00	.1078	.1282	.1415	50.79	5.476	.3698	569.4	.2659-02
23	.60000	.95000	123.00	.7742-01	.9205-01	.1017	50.70	3.926	.3708	570.9	.1910-02
23	.70000	.60000	131.00	.2688	.3195	.3529	50.72	13.6[illegible]	.3707	570.7	.6628-02
23	.70000	.90000	132.00	.1373	.1634	.1805	50.51	6.935	.3732	574.5	.3389-02
23	.75000	.40000	139.00	.2796	.3327	.3676	50.52	14.13	.3730	574.3	.6900-02
23	.75000	.60000	140.00	.2588	.3079	.3402	50.49	13.07	.3733	574.8	.6387-02
23	.75000	.80000	142.00	.1102	.1310	.1447	50.68	5.584	.3711	571.4	.2718-02
23	.75000	.90000	143.00	.7832-01	.9323-01	.1030	50.39	3.946	.3746	576.8	.1933-02
23	.75000	.95000	144.00	.7347-01	.8745-01	.9665-01	50.38	3.701	.3747	576.9	.1814-02
23	.80000	.40000	147.00	.3039	.3622	.4005	50.10	15.23	.3780	582.0	.7509-02
23	.85000	.20000	150.00	.2154	.2571	.2847	49.60	10.68	.3840	591.2	.5329-02
23	.85000	.40000	151.00	.2600	.3103	.3435	49.69	12.92	.3830	589.6	.6431-02
23	.90000	.00000	152.00	.1657	.1980	.2193	49.45	8.195	.3858	594.0	.4102-02
23	.90000	.10000+00	153.00	.1698	.2030	.2249	49.26	8.364	.3881	597.5	.4206-02
23	.90000	.20000	154.00	.1314	.1570	.1741	49.22	6.465	.3886	598.3	.3254-02
40	.90000	.60000	1157.0	.2200	.2616	.2888	51.69	11.37	.3703	578.1	.5452-02
23	.90000	.80000	158.00	.1145	.1365	.1510	50.03	5.729	.3789	583.3	.2830-02
23	.90000	.90000	159.00	.8960-01	.1069	.1183	49.84	4.466	.3811	586.8	.2215-02
23	.95000	.10000+00	162.00	.1270	.1521	.1687	48.84	6.205	.3931	605.2	.3150-02
23	.95000	.30000	164.00	.1156	.1383	.1535	48.88	5.649	.3926	604.4	.2866-02
23	.95000	.50000	165.00	.1371	.1639	.1817	49.20	6.745	.3888	598.7	.3396-02
23	.95000	.70000	166.00	.1119	.1336	.1478	49.75	5.569	.3822	588.4	.2768-02
28	.95000	.80000	167.00	.9933-01	.1183	.1308	50.76	5.042	.3766	584.2	.2457-02
28	.95000	.90000	168.00	.6948-01	.8277-01	.9153-01	50.70	3.523	.3772	585.2	.1719-02

OH84C 60-0 WING LOWER SURFACE (R3QQ14)

WING LOWER SURF

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
24	25.00	.0000	7.300	3.859	860.1	1456.	357.8	.1549	127.9	.1016-03	4047.	.1750-01
27	25.00	.0000	7.300	3.944	859.2	1436.	352.7	.1549	126.1	.1031-03	4018.	.1750-01
41	25.00	.0000	7.300	3.654	869.2	1513.	372.8	.1559	133.3	.9818-04	4131.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
24	.0000	.2423
27	.0000	.2420
41	.0000	.2441

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
41	.30000	.10000+00	1075.0	.6845-01	.8109-01	.8935-01	58.32	3.992	.3586	557.3	.1516-02
41	.30000	.20000	1076.0	.6934-01	.8214-01	.9049-01	58.35	4.046	.3583	556.7	.1535-02
41	.30000	.30000	1077.0	.6894-01	.8166-01	.8996-01	58.36	4.023	.3582	556.5	.1526-02
41	.30000	.40000	1078.0	.4042-01	.4788-01	.5275-01	58.36	2.359	.3581	556.5	.8951-03
41	.30000	.50000	1079.0	.3847-01	.4556-01	.5019-01	58.43	2.248	.3574	555.3	.8518-03
41	.30000	.60000	1080.0	.3956-01	.4685-01	.5161-01	58.44	2.312	.3573	555.2	.8759-03
41	.30000	.70000	1081.0	.4814-01	.5701-01	.6281-01	58.41	2.812	.3577	555.8	.1066-02
41	.30000	.80000	1082.0	.4877-01	.5778-01	.6365-01	58.36	2.846	.3582	556.6	.1080-02
24	.30000	.90000	83.000	.5874-01	.6986-01	.7735-01	53.99	3.171	.3767	561.7	.1280-02
24	.30000	.95000	84.000	.4954-01	.5901-01	.6526-01	53.94	2.672	.3773	562.6	.1080-02
41	.40000	.30000	1090.0	.6067-01	.7186-01	.7917-01	58.37	3.541	.3581	556.4	.1343-02
41	.40000	.60000	1092.0	.4592-01	.5437-01	.5988-01	58.51	2.687	.3566	554.0	.1017-02
41	.40000	.70000	1093.0	.4977-01	.5894-01	.6493-01	58.44	2.909	.3574	555.3	.1102-02
41	.40000	.75000	1094.0	.4804-01	.5690-01	.6267-01	58.42	2.806	.3576	555.6	.1064-02
24	.40000	.85000	95.000	.4222-01	.5029-01	.5561-01	53.97	2.278	.3769	562.1	.9201-03
24	.40000	.90000	96.000	.3517-01	.4190-01	.4634-01	53.88	1.895	.3780	563.6	.7666-03
24	.40000	.95000	97.000	.2926-02	.3481-02	.3846-02	54.37	.1591	.3725	555.5	.6371-04

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 WING LOWER SURFACE

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
41	.50000	.60000	1105.0	.1292	.1530	.1685	58.41	7.545	.3577	555.8	.2860-02
41	.50000	.70000	1106.0	.6758-01	.1037	.1142	58.45	5.119	.3572	555.1	.1939-02
41	.60000	.25000-01	1110.0	.2700	.3205	.3536	57.72	15.59	.3650	567.1	.5989-02
41	.60000	.75000-01	1112.0	.1761	.2090	.2305	57.80	10.18	.3641	565.8	.3905-02
41	.60000	.10000+00	1113.0	.1526	.1811	.1997	57.82	8.826	.3639	565.4	.3384-02
41	.60000	.20000	1114.0	.2495	.2959	.3263	57.89	14.44	.3632	564.3	.5530-02
41	.60000	.30000	1115.0	.3091	.3666	.4041	58.00	17.93	.3620	562.5	.6851-02
41	.60000	.40000	1116.0	.2998	.3554	.3918	58.10	17.42	.3609	560.7	.6643-02
41	.60000	.50000	1117.0	.2763	.3274	.3609	58.16	16.07	.3603	559.8	.6120-02
41	.60000	.70000	1119.0	.2091	.2479	.2732	58.12	12.15	.3607	560.5	.4633-02
24	.60000	.80000	120.00	.1456	.1735	.1918	53.89	7.846	.3778	563.4	.3174-02
24	.60000	.90000	122.00	.1131	.1348	.1492	53.59	6.059	.3811	568.4	.2467-02
24	.60000	.95000	123.00	.8229-01	.9818-01	.1087	53.51	4.403	.3821	569.8	.1796-02
24	.70000	.60000	131.00	.2802	.3342	.3699	53.54	15.00	.3817	569.2	.6113-02
24	.70000	.90000	132.00	.1487	.1775	.1965	53.33	7.929	.3841	572.8	.3246-02
24	.75000	.40000	139.00	.3146	.3755	.4158	53.35	16.78	.3838	572.4	.6868-02
24	.75000	.60000	140.00	.2616	.3121	.3454	53.49	13.99	.3822	570.0	.5708-02
24	.75000	.80000	142.00	.1160	.1384	.1532	53.50	6.207	.3821	569.8	.2532-02
24	.75000	.90000	143.00	.8803-01	.1051	.1165	53.20	4.684	.3854	574.8	.1923-02
24	.75000	.95000	144.00	.8330-01	.9949-01	.1102	53.20	4.432	.3855	574.8	.1819-02
24	.80000	.40000	147.00	.3086	.3690	.4090	52.89	16.32	.3890	580.1	.6746-02
24	.85000	.20000	150.00	.2788	.3339	.3705	52.42	14.61	.3942	587.8	.6102-02
24	.85000	.40000	151.00	.2702	.3331	.3695	52.54	14.62	.3928	585.8	.6088-02
24	.90000	.00000	152.00	.1647	.1974	.2191	52.32	8.618	.3953	589.5	.3607-02
24	.90000	.10000+00	153.00	.1724	.2068	.2296	52.11	8.986	.3976	593.0	.3778-02
24	.90000	.20000	154.00	.1630	.1955	.2171	52.06	8.484	.3982	593.8	.3571-02
41	.90000	.60000	1157.0	.2273	.2708	.2994	56.59	12.86	.3769	585.6	.5055-02
24	.90000	.80000	158.00	.1192	.1425	.1580	52.87	6.302	.3891	580.3	.2606-02
24	.90000	.90000	159.00	.9998-01	.1196	.1327	52.68	5.267	.3913	583.6	.2187-02
24	.95000	.10000+00	162.00	.2446	.2939	.3269	51.56	12.61	.4038	602.2	.5369-02
24	.95000	.30000	164.00	.1466	.1760	.1957	51.71	7.580	.4021	599.6	.3215-02
24	.95000	.50000	165.00	.2034	.2439	.2709	52.09	10.60	.3978	593.2	.4457-02
27	.95000	.80000	167.00	.1049	.1256	.1394	52.63	6.088	.3919	584.4	.2531-02
27	.95000	.90000	168.00	.7494-01	.8976-01	.9960-01	51.68	5.423	.3935	578.5	.2277-02
							51.64	3.870	.3940	579.2	.1627-02

OH84C 60-0 WING UPPER SURFACE (R3QR01)

WING UPPER SURF

PARAMETRIC DATA

MACH = 5.300 ALPHA = 20.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
129	20.00	-3.000	5.300	3.548	377.5	1540.	380.0	.4903	239.3	.1719-03	4019.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
129	.0000	.3147

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
129	.40000	.80000	251.00	.1138-02	.1344-02	.1478-02	77.97	.8871-01	.3478	550.7	.1902-04
129	.40000	.95000	252.00	.9161-02	.1083-01	.1191-01	77.64	.7113	.3504	554.9	.1532-03
129	.60000	.25000-01	253.00	.1696	.2012	.2218	76.08	12.90	.3629	574.7	.2844-02
129	.60000	.50000-01	254.00	.1507	.1786	.1969	76.34	11.50	.3608	571.4	.2526-02
129	.60000	.10000+00	255.00	.1096	.1298	.1429	76.76	8.410	.3575	566.1	.1835-02
129	.60000	.20000	256.00	.2614-01	.3091-01	.3402-01	77.43	2.024	.3520	557.5	.4373-03
129	.60000	.40000	257.00	.4082-02	.4823-02	.5304-02	77.81	.3176	.3490	552.7	.6824-04
129	.60000	.60000	258.00	.1149-02	.1357-02	.1492-02	77.87	.8944-01	.3485	551.9	.1920-04
129	.60000	.75000	259.00	.1287-01	.1521-01	.1673-01	77.85	1.002	.3487	552.3	.2152-03
129	.60000	.85000	260.00	.2466-01	.2914-01	.3206-01	77.61	1.914	.3506	555.3	.4123-03
129	.60000	.95000	261.00	.8802-02	.1041-01	.1146-01	77.28	.6802	.3533	559.5	.1473-03
129	.70000	.90000	264.00	.7887-02	.9324-02	.1026-01	77.57	.6118	.3510	555.8	.1319-03
129	.75000	.80000	269.00	.4515-02	.5337-02	.5872-02	77.59	.3503	.3508	555.5	.7551-04
129	.75000	.90000	270.00	.7911-02	.9355-02	.1030-01	77.39	.6122	.3524	558.0	.1323-03
129	.80000	.90000	271.00	.4055-02	.4795-02	.5276-02	77.42	.3139	.3521	557.6	.6783-04
129	.90000	.60000	274.00	.4173-01	.4934-01	.5430-01	77.44	3.232	.3520	557.4	.6981-03
129	.95000	.40000	276.00	.5116-01	.6060-01	.6676-01	76.71	3.925	.3579	566.7	.8570-03
129	.95000	.50000	277.00	.4410-01	.5218-01	.5744-01	77.15	3.402	.3543	561.1	.7381-03
129	.95000	.70000	278.00	.1342-01	.1587-01	.1747-01	77.37	1.038	.3526	558.3	.2245-03
129	.95000	.80000	279.00	.7756-02	.9176-02	.1010-01	77.22	.5989	.3538	560.2	.1298-03
129	.95000	.90000	280.00	.1306-01	.1546-01	.1702-01	77.00	1.006	.3555	563.1	.2187-03

OH84C 60-0 WING UPPER SURFACE (R3QR02)

WING UPPER SURF

PARAMETRIC DATA

MACH = 5.300 ALPHA = 25.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
130	25.00	-3.000	5.300	3.747	379.3	1494.	367.9	.4944	231.7	.1791-03	3954.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
130	.0000	.3151

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
130	.40000	.95000	252.00	.5146-02	.6097-02	.6718-02	74.29	.3823	.3587	550.0	.8428-04
130	.60000	.25000-01	253.00	.1365	.1624	.1794	72.52	9.897	.3734	572.5	.2243-02
130	.60000	.50000-01	254.00	.1202	.1429	.1578	72.82	8.752	.3709	568.6	.1974-02
130	.60000	.10000+00	255.00	.1004	.1193	.1316	73.30	7.361	.3669	562.6	.1648-02
130	.60000	.20000	256.00	.2705-01	.3206-01	.3534-01	74.07	2.003	.3606	552.8	.4432-03
130	.60000	.40000	257.00	.2005-02	.2375-02	.2615-02	74.50	.1494	.3569	547.2	.3283-04
130	.60000	.60000	258.00	.3860-02	.4570-02	.5033-02	74.56	.2878	.3565	546.5	.6318-04
130	.60000	.75000	259.00	.2351-01	.2784-01	.3066-01	74.52	1.752	.3568	547.1	.3848-03
130	.60000	.85000	260.00	.3326-01	.3941-01	.4342-01	74.26	2.470	.3590	550.3	.5447-03
130	.60000	.95000	261.00	.8982-02	.1065-01	.1174-01	73.91	.6638	.3619	554.8	.1472-03
130	.70000	.90000	264.00	.1132-01	.1342-01	.1479-01	74.02	.8378	.3610	553.4	.1855-03
130	.75000	.80000	269.00	.7635-02	.9015-02	.9936-02	74.08	.5634	.3605	552.6	.1246-03
130	.75000	.90000	270.00	.8089-02	.9594-02	.1058-01	73.85	.5974	.3624	555.6	.1326-03
130	.80000	.90000	271.00	.6482-02	.7687-02	.8475-02	73.86	.4788	.3623	555.4	.1062-03
130	.90000	.60000	274.00	.7457-01	.8842-01	.9748-01	73.91	5.511	.3618	554.7	.1222-02
130	.95000	.40000	276.00	.8482-01	.1008	.1113	73.00	6.192	.3694	566.3	.1392-02
130	.95000	.50000	277.00	.1059	.1257	.1387	73.51	7.784	.3652	559.9	.1737-02
130	.95000	.70000	278.00	.5377-01	.6378-01	.7033-01	73.80	3.969	.3627	556.1	.8814-03
130	.95000	.60000	279.00	.1694-01	.2010-01	.2217-01	73.66	1.248	.3639	557.9	.2778-03
130	.95000	.90000	280.00	.1504-01	.1786-01	.1970-01	73.43	1.105	.3658	560.8	.2467-03

CH84C 60-0 WING UPPER SURFACE (R3QR03)

WING UPPER SURF

PARAMETRIC DATA

MACH = 5.300 ALPHA = 30.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
131	30.00	-3.000	5.300	3.674	376.4	1505.	370.7	.4901	233.4	.1762-03	3969.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
131	.0000	.3139

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDJT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
131	.40000	.80000	251.00	.2886-03	.3414-03	.3758-03	75.27	.2173-01	.3530	545.3	.4762-05
131	.40000	.95000	252.00	.1345-02	.1592-02	.1753-02	74.95	.1008	.3556	549.3	.2220-04
131	.60000	.25000-01	253.00	.1117	.1327	.1465	73.45	8.203	.3680	568.5	.1849-02
131	.60000	.50000-01	254.00	.8862-01	.1052	.1161	73.72	6.533	.3658	565.1	.1466-02
131	.60000	.10000+00	255.00	.7512-01	.8908-01	.9821-01	74.17	5.572	.3620	559.3	.1242-02
131	.60000	.20000	256.00	.2483-01	.2940-01	.3238-01	74.83	1.858	.3567	551.0	.4100-03
131	.60000	.40000	257.00	.3345-02	.3958-02	.4356-02	75.16	.2514	.3539	546.7	.5520-04
131	.60000	.60000	258.00	.4067-02	.4812-02	.5296-02	75.20	.3059	.3535	546.2	.6712-04
131	.60000	.75000	259.00	.3040-01	.3597-01	.3959-01	75.17	2.285	.3538	546.6	.5017-03
131	.60000	.85000	260.00	.4542-01	.5376-01	.5920-01	74.97	3.405	.3554	549.1	.7498-03
131	.60000	.95000	261.00	.8146-02	.9648-02	.1063-01	74.67	.6082	.3580	553.0	.1345-03
131	.70000	.90000	264.00	.1717-01	.2033-01	.2239-01	74.83	1.285	.3566	551.0	.2835-03
131	.75000	.80000	269.00	.1592-01	.1884-01	.2075-01	74.87	1.192	.3563	550.4	.2628-03
131	.75000	.90000	270.00	.1283-01	.1520-01	.1675-01	74.69	.9587	.3578	552.7	.2120-03
131	.80000	.90000	271.00	.8489-02	.1005-01	.1107-01	74.72	.6343	.3575	552.3	.1402-03
131	.90000	.60000	274.00	.1305	.1545	.1702	74.80	9.762	.3569	551.3	.2155-02
131	.95000	.40000	276.00	.7348-01	.8716-01	.9611-01	74.86	5.442	.3630	560.7	.1215-02
131	.95000	.50000	277.00	.2061	.2442	.2691	74.50	15.35	.3594	555.2	.3405-02
131	.95000	.70000	278.00	.7065-01	.8367-01	.9216-01	74.72	5.279	.3575	552.3	.1167-02
131	.95000	.80000	279.00	.2177-01	.2579-01	.2841-01	74.58	1.623	.3587	554.1	.3596-03
131	.95000	.90000	280.00	.1637-01	.1941-01	.2139-01	74.38	1.218	.3604	556.7	.2706-03

OH84C 60-O WING UPPER SURFACE (R3QR04)

WING UPPER SURF

PARAMETRIC DATA

MACH = 5.300 ALPHA = 30.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
126	30.00	.0000	5.300	3.990	376.7	1431.	351.3	.4931	221.2	.1870-03	3864.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
126	.0000	.3132

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
126	.40000	.80000	251.00	.1770-02	.2113-02	.2339-02	67.70	.1198	.3841	562.4	.2843-04
126	.40000	.95000	252.00	.5637-02	.6736-02	.7464-02	67.37	.3798	.3870	566.7	.9065-04
126	.60000	.25000-01	253.00	.1200	.1439	.1599	65.97	7.914	.3994	584.8	.1935-02
126	.60000	.50000-01	254.00	.1004	.1203	.1336	66.24	6.649	.3970	581.3	.1618-02
126	.60000	.10000+00	255.00	.1020	.1222	.1356	66.66	6.801	.3933	575.9	.1643-02
126	.60000	.20000	256.00	.2894-01	.3459-01	.3833-01	67.25	1.946	.3881	568.3	.4654-03
126	.60000	.40000	257.00	.3401-02	.4062-02	.4499-02	67.59	.2299	.3851	563.9	.5467-04
126	.60000	.60000	258.00	.7779-02	.9289-02	.1029-01	67.64	.5262	.3847	563.3	.1250-03
126	.60000	.75000	259.00	.3280-01	.3917-01	.4338-01	67.62	2.218	.3849	563.6	.5272-03
126	.60000	.85000	260.00	.2613-01	.3122-01	.3459-01	67.43	1.762	.3866	566.0	.4201-03
126	.60000	.95000	261.00	.1215-01	.1453-01	.1610-01	67.13	.8155	.3891	569.8	.1954-03
126	.70000	.90000	264.00	.1039-01	.1242-01	.1377-01	67.32	.6997	.3875	567.4	.1672-03
126	.75000	.80000	269.00	.1682-01	.2010-01	.2227-01	67.36	1.133	.3872	566.9	.2705-03
126	.75000	.90000	270.00	.9993-02	.1195-01	.1324-01	67.13	.6715	.3886	569.0	.1608-03
126	.80000	.90000	271.00	.8164-02	.9761-02	.1082-01	67.21	.5487	.3885	568.8	.1313-03
126	.90000	.60000	274.00	.1229	.1469	.1628	67.25	8.267	.3881	568.3	.1977-02
126	.95000	.40000	276.00	.1861	.2230	.2475	66.47	12.37	.3949	578.3	.2999-02
126	.95000	.50000	277.00	.1345	.1609	.1784	66.94	9.001	.3908	572.2	.2164-02
126	.95000	.70000	278.00	.8336-01	.9966-01	.1105	67.17	5.599	.3888	569.3	.1341-02
126	.95000	.80000	279.00	.2357-01	.2920-01	.3126-01	67.05	1.581	.3899	570.9	.3793-03
126	.95000	.90000	280.00	.1914-01	.2291-01	.2540-01	66.86	1.280	.3916	573.3	.3081-03

OH84C 60-0 WING UPPER SURFACE (R3QR05)

WING UPPER SURF

PARAMETRIC DATA

MACH = 5.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
127	25.00	.0000	5.300	3.716	377.6	1497.	368.7	.4920	232.2	.1778-03	3958.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
127	.0000	.3144

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
127	.40000	.80000	251.00	.1724-02	.2042-02	.2250-02	74.30	.1281	.3587	551.2	.2834-04
127	.40000	.95000	252.00	.8084-02	.1030-01	.1136-01	73.83	.6412	.3626	557.1	.1429-03
127	.60000	.25000-01	253.00	.1542	.1838	.2032	71.90	11.09	.3786	581.8	.2546-02
127	.60000	.50000-01	254.00	.1390	.1655	.1829	72.27	10.04	.3755	577.1	.2294-02
127	.60000	.10000+00	255.00	.1101	.1310	.1447	72.76	8.014	.3714	570.8	.1816-02
127	.60000	.20000	256.00	.2828-01	.3356-01	.3702-01	73.63	2.083	.3642	559.7	.4655-03
127	.60000	.40000	257.00	.3512-02	.4162-02	.4586-02	74.20	.2606	.3595	552.5	.5774-04
127	.60000	.60000	258.00	.2843-02	.3368-02	.3711-02	74.25	.2111	.3591	551.8	.4674-04
127	.60000	.75000	259.00	.2445-01	.2897-01	.3193-01	74.18	1.814	.3597	552.7	.4020-03
127	.60000	.85000	260.00	.2231-01	.2646-01	.2918-01	73.80	1.646	.3628	557.5	.3670-03
127	.60000	.95000	261.00	.1045-01	.1240-01	.1369-01	73.34	.7660	.3666	563.4	.1720-03
127	.70000	.90000	264.00	.1146-01	.1361-01	.1502-01	73.28	.8396	.3672	564.2	.1887-03
127	.75000	.80000	269.00	.8214-02	.9752-02	.1076-01	73.43	.6031	.3659	562.3	.1353-03
127	.75000	.90000	270.00	.9835-02	.1169-01	.1290-01	73.08	.7187	.3688	566.7	.1620-03
127	.80000	.90000	271.00	.9195-02	.1093-01	.1206-01	73.06	.6718	.3690	567.0	.1515-03
127	.90000	.60000	274.00	.9415-01	.1119	.1235	73.10	6.882	.3687	566.5	.1551-02
127	.95000	.40000	276.00	.1948	.2322	.2568	71.94	14.01	.3783	581.3	.3217-02
127	.95000	.50000	277.00	.9671-01	.1151	.1271	72.56	7.017	.3731	573.4	.1595-02
127	.95000	.70000	278.00	.6426-01	.7638-01	.8432-01	72.99	4.690	.3696	567.9	.1059-02
127	.95000	.80000	279.00	.1922-01	.2285-01	.2523-01	72.81	1.399	.3710	570.1	.3168-03
127	.95000	.90000	280.00	.1778-01	.2115-01	.2337-01	72.55	1.290	.3732	573.5	.2932-03

OH84C 60-0 WING UPPER SURFACE (R3QR06)

WING UPPER SURF

PARAMETRIC DATA

MACH = 5.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
128	20.00	.0000	5.300	3.724	377.9	1496.	368.4	.4924	232.0	.1781-03	3957.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
128	.0000	.3145

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
128	.40000	.80000	251.00	.1357-02	.1606-02	.1769-02	74.48	.1010	.3569	548.0	.2227-04
128	.40000	.95000	252.00	.7601-02	.9008-02	.9927-02	74.13	.5634	.3598	552.4	.1249-03
128	.60000	.25000-01	253.00	.1630	.1939	.2142	72.56	11.83	.3728	572.4	.2686-02
128	.60000	.50000-01	254.00	.1749	.2079	.2296	72.84	12.74	.3705	568.8	.2880-02
128	.60000	.10000+00	255.00	.1233	.1465	.1616	73.27	9.037	.3669	563.3	.2029-02
128	.60000	.20000	256.00	.3199-01	.3780-01	.4167-01	73.97	2.358	.3611	554.4	.5239-03
128	.60000	.40000	257.00	.4149-02	.4914-02	.5413-02	74.33	.3084	.3581	549.7	.6812-04
128	.60000	.60000	258.00	.1294-02	.1533-02	.1688-02	74.38	.9625-01	.3577	549.2	.2125-04
128	.60000	.75000	259.00	.1195-01	.1415-01	.1559-01	74.32	.8879	.3582	549.9	.1962-03
128	.60000	.85000	260.00	.2328-01	.2760-01	.3041-01	74.06	1.724	.3603	553.2	.3825-03
128	.60000	.95000	261.00	.9620-02	.1141-01	.1258-01	73.70	.7090	.3633	557.8	.1582-03
128	.70000	.90000	264.00	.8419-02	.9984-02	.1101-01	73.86	.6218	.3620	555.8	.1384-03
128	.75000	.80000	269.00	.5671-02	.6724-02	.7413-02	73.90	.4190	.3617	555.3	.9319-04
128	.75000	.90000	270.00	.7428-02	.8812-02	.9718-02	73.68	.5472	.3635	558.1	.1221-03
128	.80000	.90000	271.00	.5507-02	.6533-02	.7204-02	73.69	.4058	.3634	558.0	.9054-04
128	.90000	.60000	274.00	.4674-01	.5544-01	.6113-01	73.76	3.447	.3628	557.1	.7682-03
128	.95000	.40000	276.00	.6565-01	.7802-01	.8614-01	72.95	4.789	.3695	567.3	.1081-02
128	.95000	.50000	277.00	.6344-01	.7531-01	.8309-01	73.39	4.656	.3659	561.8	.1044-02
128	.95000	.70000	278.00	.3573-01	.4240-01	.4676-01	73.61	2.630	.3641	559.0	.5875-03
128	.95000	.80000	279.00	.1211-01	.1437-01	.1586-01	73.46	.8894	.3654	560.9	.1991-03
128	.95000	.90000	280.00	.1139-01	.1353-01	.1493-01	73.21	.8338	.3674	564.0	.1874-03

WING UPPER SURF

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
20	20.00	.0000	7.300	.9678	237.8	1542.	380.5	.4258-01	136.0	.2627-04	4173.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
20	.0000	.1278

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
20	.40000	.95000	252.00	.1937-02	.2292-02	.2523-02	31.40	.6083-01	.3537	560.9	.8298-04
20	.60000	.25000-01	253.00	.7197-01	.8522-01	.9386-01	31.24	2.249	.3567	565.7	.3085-02
20	.60000	.50000-01	254.00	.5658-01	.6699-01	.7377-01	31.26	1.768	.3565	565.2	.2425-02
20	.60000	.10000+00	255.00	.4080-01	.4829-01	.5318-01	31.28	1.276	.3559	564.4	.1748-02
20	.60000	.20000	256.00	.1105-01	.1307-01	.1439-01	31.33	.3461	.3550	562.9	.4732-03
20	.60000	.40000	257.00	.3862-02	.4570-02	.5031-02	31.37	.1212	.3542	561.7	.1654-03
20	.60000	.60000	258.00	.5832-03	.6899-03	.7595-03	31.40	.1831-01	.3537	560.9	.2498-04
20	.60000	.75000	259.00	.2221-02	.2626-02	.2890-02	31.47	.6988-01	.3523	558.7	.9509-04
20	.60000	.85000	260.00	.1830-02	.2165-02	.2384-02	31.41	.5749-01	.3535	560.6	.7839-04
20	.60000	.95000	261.00	.2113-02	.2500-02	.2752-02	31.38	.6630-01	.3540	561.4	.9049-04
20	.70000	.90000	264.00	.2349-02	.2778-02	.3057-02	31.46	.7389-01	.3525	558.9	.1006-03
20	.75000	.80000	269.00	.1677-02	.1983-02	.2181-02	31.50	.5283-01	.3516	557.5	.7178-04
20	.75000	.90000	270.00	.1468-02	.1736-02	.1910-02	31.45	.4615-01	.3527	559.2	.6284-04
20	.80000	.90000	271.00	.2800-02	.3311-02	.3644-02	31.44	.8803-01	.3528	559.4	.1199-03
20	.90000	.60000	274.00	.5818-02	.6882-02	.7574-02	31.43	.1829	.3530	559.8	.2492-03
20	.95000	.40000	276.00	.4828-01	.5713-01	.6289-01	31.36	1.514	.3544	561.9	.2068-02
20	.95000	.50000	277.00	.1405-01	.1663-01	.1830-01	31.46	.4424	.3525	558.9	.6022-03
20	.95000	.70000	278.00	.1445-02	.1709-02	.1881-02	31.45	.4545-01	.3526	559.2	.6188-04
20	.95000	.80000	279.00	.1093-02	.1293-02	.1423-02	31.43	.3435-01	.3531	559.9	.4681-04
20	.95000	.90000	280.00	.2391-02	.2828-02	.3113-02	31.41	.7508-01	.3535	560.6	.1024-03

WING UPPER SURF

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
19	20.00	.0000	7.300	2.023	465.7	1484.	365.2	.8371-01	130.6	.5380-04	4089.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
19	.0000	.1785

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
19	.40000	.95000	252.00	.2151-02	.2558-02	.2825-02	40.94	.8806-01	.3714	565.3	.6444-04
19	.60000	.25000-01	253.00	.8030-01	.9542-01	.1054	40.83	3.275	.3730	567.7	.2404-02
19	.60000	.50000-01	254.00	.5834-01	.6940-01	.7667-01	40.85	2.383	.3727	567.3	.1748-02
19	.60000	.10000+00	255.00	.3732-01	.4439-01	.4904-01	40.88	1.526	.3722	566.6	.1118-02
19	.60000	.20000	256.00	.1056-01	.1256-01	.1387-01	40.94	.4325	.3713	565.2	.3165-03
19	.60000	.40000	257.00	.3255-02	.3870-02	.4273-02	40.99	.1334	.3706	564.2	.9749-04
19	.60000	.60000	258.00	.7703-03	.9159-03	.1011-02	40.98	.3157-01	.3708	564.4	.2307-04
19	.60000	.85000	260.00	.3942-02	.4687-02	.5177-02	40.94	.1614	.3713	565.2	.1181-03
19	.60000	.95000	261.00	.3191-02	.3796-02	.4193-02	40.88	.1304	.3722	566.6	.9562-04
19	.70000	.90000	264.00	.2381-02	.2832-02	.3127-02	40.93	.9746-01	.3715	565.4	.7133-04
19	.75000	.80000	269.00	.1847-02	.2195-02	.2424-02	41.04	.7579-01	.3699	563.0	.5531-04
19	.75000	.90000	270.00	.9969-03	.1185-02	.1310-02	40.92	.4079-01	.3716	565.7	.2987-04
19	.80000	.90000	271.00	.1563-02	.1859-02	.2053-02	40.92	.6397-01	.3716	565.6	.4683-04
19	.90000	.60000	274.00	.1173-01	.1395-01	.1541-01	40.95	.4805	.3712	565.0	.3515-03
19	.95000	.40000	276.00	.6826-01	.8119-01	.8969-01	40.88	2.791	.3722	566.5	.2045-02
19	.95000	.50000	277.00	.1962-01	.2333-01	.2576-01	41.00	.8045	.3705	564.0	.5877-03
19	.95000	.70000	278.00	.7986-02	.9498-02	.1049-01	40.93	.3269	.3715	565.5	.2393-03
19	.95000	.80000	279.00	.2654-02	.3157-02	.3487-02	40.91	.1086	.3717	565.8	.7953-04
19	.95000	.90000	280.00	.5145-02	.6119-02	.6759-02	40.89	.2104	.3721	566.4	.1541-03

OH84C 60-0 WING UPPER SURFACE (R3QR09)

WING UPPER SURF

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
18	20.00	.0000	7.300	3.062	701.5	1480.	364.1	.1261	130.2	.8132-04	4082.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
18	.0000	.2190

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
18	.40000	.95000	252.00	.5297-02	.6293-02	.6946-02	50.34	.2667	.3682	558.8	.1290-03
18	.60000	.25000-01	253.00	.8664-01	.1031	.1138	50.02	4.334	.3722	564.8	.2111-02
18	.60000	.50000-01	254.00	.6839-01	.8134-01	.8984-01	50.06	3.424	.3717	564.1	.1666-02
18	.60000	.10000+00	255.00	.4390-01	.5219-01	.5764-01	50.13	2.200	.3709	562.8	.1069-02
18	.60000	.20000	256.00	.1213-01	.1441-01	.1591-01	50.25	.6094	.3694	560.6	.2953-03
18	.60000	.40000	257.00	.3302-02	.3923-02	.4331-02	50.35	.1663	.3682	558.8	.8040-04
18	.60000	.60000	258.00	.1504-02	.1787-02	.1972-02	50.38	.7578-01	.3678	558.1	.3661-04
18	.60000	.75000	259.00	.1333-02	.1583-02	.1747-02	50.48	.6731-01	.3666	556.3	.3245-04
18	.60000	.85000	260.00	.7034-02	.8356-02	.9223-02	50.36	.3542	.3681	558.6	.1712-03
18	.60000	.95000	261.00	.4112-02	.4887-02	.5395-02	50.28	.2068	.3691	560.1	.1001-03
18	.70000	.90000	264.00	.3040-02	.3612-02	.3987-02	50.34	.1531	.3682	558.8	.7402-04
18	.75000	.80000	269.00	.6753-03	.8024-03	.8857-03	50.32	.3399-01	.3685	559.2	.1644-04
18	.75000	.90000	270.00	.1859-02	.2209-02	.2438-02	50.30	.9351-01	.3687	559.5	.4526-04
18	.80000	.90000	271.00	.2521-02	.2996-02	.3307-02	50.30	.1268	.3688	559.6	.6138-04
18	.90000	.60000	274.00	.1656-01	.1968-01	.2172-01	50.34	.8338	.3683	558.9	.4033-03
18	.95000	.40000	276.00	.1315	.1564	.1726	50.18	6.600	.3702	561.8	.3203-02
18	.95000	.50000	277.00	.3690-01	.4384-01	.4839-01	50.34	1.858	.3693	558.9	.8984-03
18	.95000	.70000	278.00	.1424-01	.1692-01	.1868-01	50.29	.7161	.3688	559.7	.3467-03
18	.95000	.80000	279.00	.3624-02	.4307-02	.4754-02	50.25	.1821	.3694	560.5	.8824-04
18	.95000	.90000	280.00	.5967-02	.7093-02	.7832-02	50.21	.2996	.3699	561.3	.1453-03

OH84C 60-0 WING UPPER SURFACE (R3QR10)

WING UPPER SURF

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
17	20.00	.0000	7.300	3.571	868.0	1532.	377.9	.1555	135.1	.9659-04	4159.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
17	.0000	.2441

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
17	.40000	.80000	251.00	.4783-03	.5649-03	.6212-03	60.15	.2877-01	.3476	547.5	.1066-04
17	.40000	.95000	252.00	.7159-02	.8457-02	.9301-02	60.06	.4299	.3486	549.0	.1596-03
17	.60000	.25000-01	253.00	.9505-01	.1125	.1238	59.57	5.662	.3536	557.0	.2122-02
17	.60000	.50000-01	254.00	.7452-01	.8814-01	.9701-01	59.63	4.443	.3530	556.0	.1663-02
17	.60000	.10000+00	255.00	.4688-01	.5543-01	.6100-01	59.72	2.799	.3521	554.5	.1046-02
17	.60000	.20000	256.00	.1319-01	.1559-01	.1715-01	59.88	.7899	.3504	551.9	.2943-03
17	.60000	.40000	257.00	.3265-02	.3857-02	.4242-02	60.00	.1959	.3491	549.9	.7281-04
17	.60000	.60000	258.00	.1626-02	.1921-02	.2113-02	60.06	.9769-01	.3485	548.8	.3627-04
17	.60000	.75000	259.00	.2216-02	.2618-02	.2879-02	60.09	.1332	.3482	548.3	.4942-04
17	.60000	.85000	260.00	.9996-02	.1181-01	.1299-01	60.06	.6004	.3485	548.9	.2229-03
17	.60000	.95000	261.00	.5258-02	.6214-02	.6834-02	59.96	.3153	.3495	550.5	.1173-03
17	.70000	.90000	264.00	.3500-02	.4134-02	.4546-02	60.13	.2105	.3478	547.8	.7804-04
17	.75000	.80000	269.00	.8088-03	.9554-03	.1051-02	60.08	.4859-01	.3483	548.5	.1803-04
17	.75000	.90000	270.00	.2070-02	.2387-02	.2625-02	60.05	.1213	.3486	549.0	.4505-04
17	.80000	.90000	271.00	.2993-02	.3536-02	.3889-02	60.05	.1797	.3487	549.1	.6675-04
17	.90000	.60000	274.00	.1397-01	.1651-01	.1815-01	60.03	.8387	.3489	549.4	.3116-03
17	.95000	.40000	276.00	.1119	.1323	.1456	59.78	6.691	.3515	553.5	.2497-02
17	.95000	.50000	277.00	.6714-02	.7932-02	.8724-02	60.02	.4029	.3490	549.6	.1497-03
17	.95000	.70000	278.00	.1805-01	.2133-01	.2346-01	59.99	1.083	.3492	550.0	.4027-03
17	.95000	.80000	279.00	.3864-02	.4566-02	.5022-02	59.93	.2315	.3499	551.1	.8618-04
17	.95000	.90000	280.00	.6535-02	.7724-02	.8498-02	59.86	.3912	.3506	552.2	.1458-03

WING UPPER SURF

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
21	25.00	.0000	7.300	.9962	238.4	1518.	374.2	.4276-01	133.8	.2682-04	4139.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
21	.0000	.1279

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
21	.40000	.95000	252.00	.1103-02	.1306-02	.1439-02	30.73	.3391-01	.3572	557.1	.4674-04
21	.60000	.25000-01	253.00	.6973-01	.8265-01	.9108-01	30.60	2.134	.3599	561.3	.2956-02
21	.60000	.50000-01	254.00	.5778-01	.6847-01	.7545-01	30.61	1.769	.3596	560.9	.2449-02
21	.60000	.10000+00	255.00	.4314-01	.5112-01	.5633-01	30.63	1.322	.3592	560.3	.1829-02
21	.60000	.20000	256.00	.1065-01	.1262-01	.1391-01	30.67	.3268	.3585	559.2	.4515-03
21	.60000	.40000	257.00	.3650-02	.4324-02	.4763-02	30.69	.1120	.3580	558.4	.1547-03
21	.60000	.60000	258.00	.1186-02	.1404-02	.1547-02	30.72	.3642-01	.3575	557.6	.5024-04
21	.60000	.75000	259.00	.7873-03	.9318-03	.1026-02	30.84	.2428-01	.3550	553.7	.3334-04
21	.60000	.85000	260.00	.3682-02	.4361-02	.4803-02	30.74	.1132	.3572	557.1	.1560-03
21	.60000	.95000	261.00	.2162-02	.2560-02	.2820-02	30.72	.6640-01	.3575	557.6	.9159-04
21	.70000	.90000	264.00	.3458-02	.4094-02	.4508-02	30.81	.1065	.3558	554.9	.1465-03
21	.75000	.80000	269.00	.1797-02	.2127-02	.2343-02	30.80	.5534-01	.3560	555.2	.7611-04
21	.75000	.90000	270.00	.7174-03	.8493-03	.9352-03	30.80	.2210-01	.3559	555.0	.3039-04
21	.80000	.90000	271.00	.1638-02	.1939-02	.2136-02	30.81	.5047-01	.3558	554.9	.6939-04
21	.90000	.60000	274.00	.9594-02	.1136-01	.1251-01	30.79	.2954	.3561	555.3	.4064-03
21	.95000	.40000	276.00	.7666-01	.9078-01	.9998-01	30.75	2.357	.3569	556.7	.3248-02
21	.95000	.50000	277.00	.3499-01	.4141-01	.4560-01	30.82	1.078	.3555	554.5	.1482-02
21	.95000	.70000	278.00	.4251-02	.5032-02	.5541-02	30.81	.1310	.3557	554.7	.1800-03
21	.95000	.80000	279.00	.1791-02	.2121-02	.2335-02	30.79	.5516-01	.3560	555.3	.7588-04
21	.95000	.90000	280.00	.3959-02	.4687-02	.5162-02	30.78	.1219	.3563	555.7	.1677-03

OH84C 60-O WING UPPER SURFACE (R3QR12)

WING UPPER SURF

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
22	25.00	.0000	7.300	1.915	464.2	1529.	377.2	.8318-01	134.9	.5176-04	4155.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
22	.0000	.1785

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
22	.40000	.80000	251.00	.3512-03	.4156-03	.4575-03	43.44	.1526-01	.3543	557.0	.1071-04
22	.40000	.95000	252.00	.3229-02	.3821-02	.4207-02	43.43	.1403	.3544	557.2	.9848-04
22	.60000	.25000-01	253.00	.6482-01	.7680-01	.8461-01	43.13	2.796	.3587	564.0	.1979-02
22	.60000	.50000-01	254.00	.5339-01	.6326-01	.6969-01	43.14	2.304	.3585	563.7	.1630-02
22	.60000	.10000+00	255.00	.4107-01	.4865-01	.5359-01	43.18	1.774	.3580	562.8	.1254-02
22	.60000	.20000	256.00	.9436-02	.1117-01	.1231-01	43.26	.4082	.3568	561.0	.2879-03
22	.60000	.40000	257.00	.2284-02	.2704-02	.2977-02	43.32	.9895-01	.3560	559.6	.6967-04
22	.60000	.60000	258.00	.1737-02	.2055-02	.2263-02	43.36	.7530-01	.3554	558.7	.5297-04
22	.60000	.75000	259.00	.1714-02	.2029-02	.2234-02	43.40	.7440-01	.3549	557.9	.5229-04
22	.60000	.85000	260.00	.8790-02	.1040-01	.1145-01	43.44	.3818	.3543	557.0	.2680-03
22	.60000	.95000	261.00	.3817-02	.4516-02	.4972-02	43.42	.1657	.3546	557.4	.1164-03
22	.70000	.90000	264.00	.4093-02	.4639-02	.5324-02	43.63	.1786	.3516	552.7	.1247-03
22	.75000	.80000	269.00	.6661-03	.7873-03	.8660-03	43.73	.2913-01	.3501	550.5	.2030-04
22	.75000	.90000	270.00	.1949-02	.2305-02	.2536-02	43.61	.8501-01	.3519	553.2	.5942-04
22	.80000	.90000	271.00	.2665-02	.3151-02	.3467-02	43.62	.1162	.3518	553.0	.8123-04
22	.90000	.60000	274.00	.1880-01	.2224-01	.2448-01	43.53	.8184	.3530	555.0	.5732-03
22	.95000	.40000	276.00	.1081-01	.1279-01	.1408-01	43.42	.4692	.3545	557.4	.3295-03
22	.95000	.50000	277.00	.4611-01	.5453-01	.6002-01	43.56	2.008	.3526	554.4	.1406-02
22	.95000	.70000	278.00	.2390-01	.2827-01	.3111-01	43.58	1.042	.3524	554.0	.7286-03
22	.95000	.80000	279.00	.2291-02	.2710-02	.2982-02	43.56	.9980-01	.3526	554.3	.6984-04
22	.95000	.90000	280.00	.5223-02	.6177-02	.6799-02	43.54	.2274	.3529	554.8	.1592-03

OH84C 60-0 WING UPPER SURFACE (R3QR13)

WING UPPER SURF

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
23	25.00	.0000	7.300	2.971	696.7	1500.	369.4	.1251	132.1	.7949-04	4112.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
23	.0000	.2184

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
23	.40000	.95000	252.00	.5573-02	.6612-02	.7292-02	51.28	.2858	.3639	560.3	.1372-03
23	.60000	.25000-01	253.00	.6562-01	.7796-01	.8605-01	50.92	3.341	.3683	567.0	.1617-02
23	.60000	.50000-01	254.00	.5074-01	.6027-01	.6652-01	50.95	2.585	.3679	566.4	.1250-02
23	.60000	.10000+00	255.00	.4071-01	.4835-01	.5335-01	51.01	2.077	.3671	565.2	.1003-02
23	.60000	.20000	256.00	.9865-02	.1171-01	.1292-01	51.14	.5045	.3656	563.0	.2430-03
23	.60000	.40000	257.00	.2518-02	.2988-02	.3296-02	51.25	.1280	.3644	561.0	.6201-04
23	.60000	.60000	258.00	.1914-02	.2271-02	.2505-02	51.29	.9818-01	.3639	560.2	.4714-04
23	.60000	.75000	259.00	.2931-02	.3477-02	.3834-02	51.32	.1504	.3634	559.6	.7216-04
23	.60000	.85000	260.00	.1557-01	.1847-01	.2037-01	51.30	.7987	.3637	560.0	.3834-03
23	.60000	.95000	261.00	.6186-02	.7341-02	.8098-02	51.21	.3168	.3647	561.6	.1523-03
23	.70000	.90000	264.00	.5151-02	.6109-02	.6735-02	51.42	.2649	.3623	557.9	.1268-03
23	.75000	.80000	269.00	.1587-02	.1882-02	.2075-02	51.44	.8162-01	.3621	557.5	.3906-04
23	.75000	.90000	270.00	.2858-02	.3391-02	.3739-02	51.37	.1468	.3629	558.8	.7037-04
23	.80000	.90000	271.00	.3533-02	.4191-02	.4621-02	51.37	.1815	.3629	558.7	.8697-04
23	.90000	.60000	274.00	.1468-01	.1742-01	.1921-01	51.36	.7540	.3631	559.0	.3615-03
23	.95000	.40000	276.00	.2080-01	.2468-01	.2723-01	51.18	1.064	.3652	562.2	.5122-03
23	.95000	.50000	277.00	.2788-01	.3307-01	.3646-01	51.36	1.432	.3630	558.9	.6863-03
23	.95000	.80000	279.00	.3754-02	.4454-02	.4912-02	51.31	.1926	.3636	559.8	.9244-04
23	.95000	.90000	280.00	.7341-02	.8711-02	.9608-02	51.25	.3762	.3643	561.0	.1808-03

OH84C 60-0 WING UPPER SURFACE (R3QR14)

WING UPPER SURF

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
24	25.00	.0000	7.300	3.859	860.1	1456.	357.8	.1549	127.9	.1016-03	4047.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
24	.0000	.2423

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
24	.40000	.80000	251.00	.8667-04	.1032-03	.1140-03	54.17	.4695-02	.3747	558.8	.1888-05
24	.40000	.95000	252.00	.3289-02	.3916-02	.4329-02	54.09	.1779	.3756	560.2	.7165-04
24	.60000	.25000-01	253.00	.6577-01	.7842-01	.8576-01	53.69	3.531	.3801	566.8	.1434-02
24	.60000	.50000-01	254.00	.5006-01	.5968-01	.6603-01	53.73	2.690	.3796	566.1	.1098-02
24	.60000	.10000+00	255.00	.4192-01	.4998-01	.5527-01	53.80	2.255	.3788	564.9	.9140-03
24	.60000	.20000	256.00	.1132-01	.1348-01	.1491-01	53.95	.6104	.3772	562.5	.2466-03
24	.60000	.40000	257.00	.2469-02	.2940-02	.3250-02	54.05	.1334	.3760	560.7	.5379-04
24	.60000	.60000	258.00	.2526-02	.3007-02	.3324-02	54.09	.1366	.3756	560.2	.5502-04
24	.60000	.75000	259.00	.5160-02	.6143-02	.6790-02	54.13	.2793	.3752	559.5	.1124-03
24	.60000	.85000	260.00	.1884-01	.2244-01	.2480-01	54.12	1.020	.3753	559.7	.4105-03
24	.60000	.95000	261.00	.6991-02	.6326-02	.9205-02	54.02	.3777	.3763	561.2	.1523-03
24	.70000	.90000	264.00	.5333-02	.6346-02	.7013-02	54.25	.2893	.3738	557.5	.1161-03
24	.75000	.80000	269.00	.3248-02	.3865-02	.4270-02	54.30	.1764	.3732	556.6	.7073-04
24	.75000	.90000	270.00	.3044-02	.3623-02	.4004-02	54.20	.1650	.3743	558.2	.6630-04
24	.80000	.90000	271.00	.5039-02	.5998-02	.6628-02	54.21	.2732	.3742	558.1	.1098-03
24	.90000	.60000	274.00	.1654-01	.1969-01	.2176-01	54.13	.8951	.3752	559.5	.3602-03
24	.95000	.40000	276.00	.4367-01	.5201-01	.5751-01	53.99	2.358	.3767	561.8	.9516-03
24	.95000	.50000	277.00	.4082-01	.4860-01	.5371-01	54.17	2.212	.3747	558.8	.8892-03
24	.95000	.70000	278.00	.2543-01	.3026-01	.3345-01	54.19	1.378	.3745	558.5	.5538-03
24	.95000	.80000	279.00	.4090-02	.4868-02	.5381-02	54.15	.2214	.3749	559.1	.8908-04

OMS POD

PARAMETRIC DATA

MACH = 5.300 ALPHA = 20.00 BETA = -3.000 ELEVON = .0000
BOFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
129	20.00	-3.000	5.300	3.548	377.5	1540.	380.0	.4903	239.3	.1719-03	4019.	.1750-01
134	20.00	-3.000	5.300	3.571	372.1	1520.	374.8	.4840	236.0	.1721-03	3991.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
129	.0000	.3147
134	.0000	.3123

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
134	1325.0	428.60	298.00	.7799-01	.9257-01	.1021	74.23	5.789	.3650	570.3	.1307-02
134	1325.0	489.20	299.00	.1864	.2216	.2447	73.60	13.72	.3702	578.4	.3128-02
134	1325.0	506.70	301.00	.2142-01	.2548-01	.2815-01	73.23	1.568	.3732	583.0	.3595-03
134	1350.0	440.40	302.00	.1050	.1248	.1377	73.77	7.746	.3688	576.2	.1761-02
134	1350.0	458.60	303.00	.1429	.1699	.1877	73.55	10.51	.3706	579.0	.2398-02
134	1350.0	498.50	304.00	.5630-01	.6698-01	.7400-01	73.30	4.127	.3727	582.2	.9450-03
134	1375.0	440.00	309.00	.5813-01	.6910-01	.7630-01	73.61	4.279	.3701	578.2	.9750-03
134	1375.0	460.00	310.00	.1056	.1256	.1387	73.46	7.757	.3714	580.1	.1772-02
134	1375.0	503.40	311.00	.2659-01	.3164-01	.3496-01	73.25	1.948	.3731	582.8	.4464-03
134	1375.0	531.00	312.00	.1881-01	.2241-01	.2479-01	72.71	1.368	.3775	589.7	.3161-03
134	1400.0	523.40	313.00	.2280-01	.2713-01	.2998-01	73.22	1.669	.3734	583.3	.3828-03
134	1425.0	415.10	315.00	.4251-01	.5048-01	.5568-01	74.05	3.148	.3664	572.4	.7125-03
134	1425.0	437.70	316.00	.4123-01	.4896-01	.5403-01	74.04	3.053	.3666	572.6	.6911-03
134	1425.0	466.30	317.00	.4876-01	.5797-01	.6402-01	73.52	3.585	.3709	579.4	.8181-03
134	1425.0	536.50	319.00	.1176-01	.1400-01	.1547-01	73.09	.8596	.3744	584.9	.1975-03
134	1450.0	418.20	320.00	.2112-01	.2508-01	.2766-01	74.17	1.567	.3655	571.0	.3540-03
134	1450.0	436.00	321.00	.3043-01	.3615-01	.3990-01	73.84	2.247	.3682	575.2	.5102-03
134	1450.0	468.20	322.00	.3233-01	.3843-01	.4243-01	73.60	2.379	.3702	578.3	.5423-03
134	1450.0	511.10	323.00	.1558-01	.1853-01	.2048-01	73.30	1.142	.3727	582.2	.2615-03

DATE 28 APR 82

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

(R3QS01)

OH84C 60-0 OMS POD

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
134	1500.0	437.00	327.00	.1559-01	.1852-01	.2044-01	73.94	1.153	.3674	574.0	.2614-03
134	1500.0	532.30	331.00	.1194-01	.1420-01	.1569-01	73.41	.8768	.3718	580.7	.2004-03
134	1525.0	424.00	332.00	.3063-02	.3638-02	.4016-02	73.90	.2264	.3677	574.5	.5135-04
134	1525.0	431.00	333.00	.8878-02	.1055-01	.1164-01	73.87	.6558	.3680	574.9	.1489-03
134	1525.0	440.00	334.00	.1629-01	.1935-01	.2136-01	73.89	1.204	.3678	574.6	.2731-03
134	1525.0	493.00	335.00	.1812-01	.2154-01	.2378-01	73.71	1.336	.3693	576.9	.3040-03
129	1545.0	434.00	338.00	.6382-02	.7552-02	.8314-02	77.12	.4922	.3546	561.5	.1068-03
129	1545.0	443.00	339.00	.1423-01	.1684-01	.1853-01	77.22	1.099	.3537	560.2	.2382-03

OMS POD

PARAMETRIC DATA

MACH = 5.300 ALPHA = 25.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
130	25.00	-3.000	5.300	3.747	379.3	1494.	367.9	.4944	231.7	.1791-03	3954.	.1750-01
133	25.00	-3.000	5.300	3.549	377.2	1539.	379.8	.4900	239.2	.1719-03	4017.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
130	.0000	.3151
133	.0000	.3146

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
133	1325.0	428.60	298.00	.5695-01	.6734-01	.7409-01	77.39	4.407	.3518	556.8	.9526-03
133	1325.0	489.20	299.00	.1593	.1885	.2076	76.97	12.26	.3552	562.2	.2666-02
133	1325.0	506.70	301.00	.4271-01	.5059-01	.5573-01	76.62	3.272	.3580	566.6	.7155-03
133	1350.0	440.40	302.00	.8255-01	.9770-01	.1076	76.97	6.353	.3552	562.2	.1382-02
133	1350.0	458.60	303.00	.1337	.1583	.1743	76.80	10.27	.3565	564.3	.2239-02
133	1350.0	498.50	304.00	.5148-01	.6096-01	.6715-01	76.75	3.951	.3569	565.0	.8622-03
133	1375.0	421.60	308.00	.1081-02	.1276-02	.1403-02	78.05	.8437-01	.3465	548.4	.1806-04
133	1375.0	440.00	309.00	.6963-01	.8244-01	.9079-01	76.82	5.350	.3563	564.0	.1166-02
133	1375.0	460.00	310.00	.8809-01	.1043	.1149	76.76	6.762	.3568	564.8	.1475-02
133	1375.0	503.40	311.00	.2700-01	.3197-01	.3522-01	76.71	2.071	.3573	565.5	.4522-03
133	1375.0	531.00	312.00	.1896-01	.2247-01	.2477-01	76.27	1.446	.3608	571.1	.3177-03
133	1400.0	523.40	313.00	.1716-01	.2032-01	.2238-01	76.74	1.317	.3570	565.0	.2873-03
133	1425.0	415.10	315.00	.5022-01	.5941-01	.6539-01	77.22	3.878	.3532	559.0	.8404-03
133	1425.0	437.70	316.00	.5019-01	.5938-01	.6535-01	77.20	3.875	.3533	559.3	.8399-03
133	1425.0	465.30	317.00	.3758-01	.4449-01	.4899-01	76.85	2.888	.3561	563.7	.6293-03
133	1425.0	536.50	319.00	.1171-01	.1387-01	.1528-01	76.57	.8963	.3584	567.3	.1961-03
133	1450.0	418.20	320.00	.2706-01	.3200-01	.3522-01	77.29	2.091	.3526	558.1	.4527-03
133	1450.0	436.00	321.00	.5923-01	.7008-01	.7715-01	77.07	4.565	.3544	560.9	.9913-03
133	1450.0	468.20	322.00	.3005-01	.3557-01	.3917-01	76.93	2.312	.3555	562.6	.5031-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 OMS POD

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
133	1450.0	511.10	323.00	.1661-01	.1967-01	.2167-01	76.74	1.275	.3570	565.1	.2782-03
133	1500.0	437.00	327.00	.3182-01	.3764-01	.4143-01	77.22	2.458	.3531	558.9	.5325-03
133	1500.0	532.30	331.00	.1075-01	.1273-01	.1402-01	76.95	.8275	.3553	562.4	.1800-03
133	1525.0	424.00	332.00	.1310-02	.1549-02	.1705-02	77.25	.1012	.3529	558.6	.2192-04
133	1525.0	431.00	333.00	.1428-01	.1690-01	.1860-01	77.20	1.103	.3534	559.3	.2390-03
133	1525.0	440.00	334.00	.3505-01	.4146-01	.4563-01	77.24	2.707	.3530	558.8	.5865-03
133	1525.0	493.00	335.00	.1525-01	.1804-01	.1986-01	77.10	1.176	.3541	560.5	.2552-03
130	1545.0	434.00	338.00	.5306-02	.6298-02	.6948-02	73.47	.3898	.3655	560.3	.8702-04
130	1545.0	443.00	339.00	.2479-01	.2942-01	.3245-01	73.56	1.823	.3647	559.2	.4065-03

OMS POD

PARAMETRIC DATA

MACH = 5.300 ALPHA = 30.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
131	30.00	-3.000	5.300	3.674	376.4	1505.	370.7	.4901	233.4	.1762-03	3969.	.1750-01
132	30.00	-3.000	5.300	3.700	372.6	1489.	366.6	.4857	230.8	.1766-03	3947.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
131	.0000	.3139
132	.0000	.3122

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT TU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
132	1325.0	428.60	298.00	.4123-01	.4886-01	.5383-01	73.31	3.023	.3591	548.6	.6799-03
132	1325.0	489.20	299.00	.1293	.1535	.1692	72.78	9.414	.3635	555.4	.2135-02
132	1325.0	506.70	301.00	.6116-01	.7261-01	.8011-01	72.50	4.434	.3659	558.9	.1010-02
132	1350.0	440.40	302.00	.9617-01	.1141	.1259	72.69	6.991	.3643	556.5	.1588-02
132	1350.0	458.60	303.00	.1332	.1581	.1744	72.63	9.676	.3648	557.4	.2200-02
132	1350.0	498.50	304.00	.4414-01	.5240-01	.5780-01	72.55	3.202	.3655	558.3	.7289-03
132	1375.0	421.60	308.00	.2366-02	.2800-02	.3083-02	73.81	.1746	.3549	542.2	.3898-04
132	1375.0	440.00	309.00	.2351-01	.2790-01	.3077-01	72.67	1.708	.3644	556.8	.3881-03
132	1375.0	460.00	310.00	.1057	.1254	.1384	72.57	7.667	.3654	558.1	.1745-02
132	1375.0	531.00	312.00	.2497-01	.2968-01	.3276-01	72.06	1.799	.3696	564.6	.4127-03
132	1400.0	523.40	313.00	.2384-01	.2831-01	.3123-01	72.40	1.726	.3667	560.3	.3937-03
132	1425.0	415.10	315.00	.1341-01	.1589-01	.1752-01	73.11	.9801	.3608	551.2	.2212-03
132	1425.0	437.70	316.00	.1341-01	.1590-01	.1752-01	73.07	.9797	.3611	551.7	.2212-03
132	1425.0	466.30	317.00	.6386-01	.7578-01	.8358-01	72.68	4.641	.3644	556.7	.1054-02
132	1425.0	536.50	319.00	.2382-01	.2826-01	.3117-01	72.73	1.732	.3640	556.0	.3932-03
132	1450.0	418.20	320.00	.7998-02	.9479-02	.1045-01	73.21	.5855	.3600	549.9	.1319-03
132	1450.0	436.00	321.00	.1310-01	.1554-01	.1713-01	72.93	.9555	.3623	553.5	.2162-03
132	1450.0	460.20	322.00	.5104-01	.6055-01	.6678-01	72.76	3.713	.3637	555.6	.8425-03
132	1450.0	511.10	323.00	.1228-01	.1457-01	.1607-01	72.60	.8914	.3650	557.6	.2027-03

DATE 28 APR 82

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 OMS POD

(R3QS03)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
132	1500.0	437.00	327.00	.1811-01	.2147-01	.2367-01	73.04	1.323	.3614	552.1	.2987-03
132	1500.0	532.30	331.00	.9226-02	.1095-01	.1207-01	72.80	.6717	.3634	555.1	.1523-03
132	1525.0	424.00	332.00	.8386-02	.9944-02	.1096-01	73.02	.6124	.3615	552.3	.1384-03
132	1525.0	431.00	333.00	.1753-01	.2078-01	.2291-01	72.98	1.279	.3618	552.8	.2892-03
132	1525.0	440.00	334.00	.3155-01	.3741-01	.4124-01	73.02	2.304	.3615	552.3	.5206-03
132	1525.0	493.00	335.00	.1946-01	.2308-01	.2545-01	72.90	1.419	.3626	553.9	.3211-03
131	1545.0	434.00	338.00	.1176-01	.1397-01	.1541-01	74.17	.8740	.3621	559.4	.1948-03
131	1545.0	443.00	339.00	.2902-01	.3440-01	.3792-01	74.26	2.155	.3613	558.1	.4796-03

OMS POD

PARAMETRIC DATA

MACH = 5.300 ALPHA = 30.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
125	30.00	.0000	5.300	3.917	377.3	1448.	356.0	.4932	224.2	.1846-03	3890.	.1750-01
126	30.00	.0000	5.300	3.990	376.7	1431.	351.3	.4931	221.2	.1870-03	3864.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
125	.0000	.3137
126	.0000	.3132

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
125	1325.0	428.60	298.00	.1188-01	.1414-01	.1563-01	69.70	.8277	.3754	556.9	.1918-03
125	1325.0	489.20	299.00	.7318-01	.8726-01	.9654-01	69.15	5.060	.3801	563.9	.1183-02
125	1325.0	506.70	301.00	.8858-01	.1057	.1170	68.90	6.103	.3823	567.1	.1433-02
125	1350.0	458.60	303.00	.2493-01	.2974-01	.3292-01	68.96	1.719	.3818	566.4	.4034-03
125	1350.0	498.50	304.00	.3874-01	.4624-01	.5119-01	68.83	2.667	.3829	568.0	.6270-03
125	1375.0	421.60	308.00	.1133-02	.1345-02	.1483-02	71.00	.8048-01	.3641	540.2	.1826-04
125	1375.0	440.00	309.00	.1010-01	.1205-01	.1334-01	69.05	.6978	.3809	565.2	.1634-03
125	1375.0	460.00	310.00	.3524-01	.4205-01	.4655-01	68.86	2.427	.3826	567.6	.5702-03
125	1375.0	503.40	311.00	.2646-01	.3160-01	.3500-01	68.54	1.814	.3853	571.7	.4285-03
125	1375.0	531.00	312.00	.1614-01	.1928-01	.2136-01	68.48	1.106	.3859	572.5	.2615-03
125	1400.0	523.40	313.00	.2303-01	.2747-01	.3040-01	68.99	1.589	.3815	566.0	.3725-03
125	1425.0	415.10	315.00	.1059-01	.1262-01	.1395-01	69.46	.7355	.3774	559.9	.1711-03
125	1425.0	437.70	316.00	.1058-01	.1260-01	.1394-01	69.42	.7343	.3778	560.5	.1710-03
125	1425.0	466.30	317.00	.3683-01	.4632-01	.5126-01	68.98	2.678	.3816	566.1	.6281-03
125	1425.0	536.50	319.00	.1031-01	.1230-01	.1362-01	68.79	.7091	.3832	568.5	.1668-03
125	1450.0	418.20	320.00	.6280-02	.7479-02	.8268-02	69.59	.4370	.3763	558.3	.1015-03
125	1450.0	436.00	321.00	.1072-01	.1277-01	.1413-01	69.27	.7424	.3790	562.3	.1733-03
125	1450.0	468.20	322.00	.3491-01	.4163-01	.4607-01	69.04	2.410	.3810	565.3	.5646-03
125	1450.0	511.10	323.00	.1344-01	.1604-01	.1775-01	68.84	.9251	.3828	567.9	.2175-03

OH84C MODEL 60-O AT ARC 3.5 FT. TUNNEL

OH84C 60-O OMS POD

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
125	1500.0	437.00	327.00	.8018-02	.9554-02	.1057-01	69.40	.5564	.3780	560.8	.1296-03
125	1500.0	532.30	331.00	.9367-02	.1117-01	.1236-01	69.11	.6473	.3805	564.5	.1515-03
125	1525.0	424.00	332.00	.1115-01	.1328-01	.1469-01	69.33	.7728	.3786	561.6	.1802-03
125	1525.0	431.00	333.00	.1080-01	.1287-01	.1424-01	69.36	.7493	.3783	561.2	.1746-03
125	1525.0	440.00	334.00	.1283-01	.1529-01	.1691-01	69.36	.8900	.3783	561.2	.2074-03
125	1525.0	493.00	335.00	.2024-01	.2413-01	.2670-01	69.16	1.400	.3800	563.8	.3273-03
126	1545.0	434.00	338.00	.1034-01	.1237-01	.1372-01	66.83	.6909	.3918	573.7	.1664-03
126	1545.0	443.00	339.00	.1250-01	.1495-01	.1659-01	66.93	.8369	.3909	572.4	.2013-03

OMS POD

PARAMETRIC DATA

MACH = 5.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
124	25.00	.0000	5.300	3.916	377.2	1449.	356.0	.4932	224.2	.1846-03	3890.	.1750-01
127	25.00	.0000	5.300	3.716	377.6	1497.	368.7	.4920	232.2	.1778-03	3958.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
124	.0000	.3136
127	.0000	.3144

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
124	1325.0	428.60	298.00	.3654-01	.4352-01	.4812-01	69.55	2.541	.3767	558.8	.5904-03
124	1325.0	489.20	299.00	.1031	.1231	.1363	68.74	7.088	.3836	569.2	.1669-02
124	1325.0	506.70	301.00	.6257-01	.7475-01	.8281-01	69.42	4.281	.3863	573.2	.1014-02
124	1350.0	458.60	303.00	.1222	.1459	.1616	68.64	8.389	.3844	570.4	.1979-02
124	1350.0	498.50	304.00	.6356-01	.7597-01	.8417-01	68.36	4.346	.3869	574.0	.1030-02
124	1375.0	421.60	308.00	.1709-01	.2036-01	.2251-01	69.58	1.189	.3764	558.4	.2762-03
124	1375.0	440.00	309.00	.4159-01	.4963-01	.5494-01	68.84	2.863	.3828	567.9	.6731-03
124	1375.0	460.00	310.00	.1043	.1246	.1380	68.52	7.146	.3855	571.9	.1689-02
124	1375.0	503.40	311.00	.2436-01	.2913-01	.3229-01	68.05	1.657	.3895	577.9	.3948-03
124	1375.0	531.00	312.00	.1973-01	.2361-01	.2619-01	67.79	1.338	.3918	581.4	.3201-03
124	1400.0	523.40	313.00	.3415-01	.4080-01	.4520-01	68.39	2.335	.3866	573.6	.5532-03
124	1425.0	415.10	315.00	.1792-01	.2135-01	.2362-01	69.39	1.244	.3780	560.8	.2897-03
124	1425.0	437.70	316.00	.1778-01	.2119-01	.2343-01	69.34	1.233	.3784	561.5	.2874-03
124	1425.0	466.30	317.00	.5851-01	.6987-01	.7737-01	68.63	4.016	.3846	570.6	.9474-03
124	1425.0	536.50	319.00	.2053-01	.2455-01	.2722-01	68.12	1.399	.3890	577.1	.3328-03
124	1450.0	418.20	320.00	.7999-02	.9529-02	.1054-01	69.50	.5559	.3770	559.4	.1293-03
124	1450.0	436.00	321.00	.1336-01	.1593-01	.1763-01	69.06	.9224	.3809	565.1	.2161-03
124	1450.0	468.20	322.00	.4711-01	.5624-01	.6227-01	68.69	3.236	.3841	569.8	.7626-03
124	1450.0	511.10	323.00	.1385-01	.1655-01	.1834-01	68.31	.9461	.3873	574.6	.2244-03

DATE 28 APR 82

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 OMS POD

(R3QS05)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
124	1500.0	437.00	327.00	.1249-01	.1490-01	.1648-01	69.05	.8624	.3809	565.2	.2020-03
124	1500.0	532.30	331.00	.1655-01	.1977-01	.2190-01	68.50	1.134	.3857	572.2	.2680-03
124	1525.0	424.00	332.00	.7436-02	.8871-02	.9818-02	68.96	.5128	.3817	566.3	.1203-03
124	1525.0	431.00	333.00	.1485-01	.1771-01	.1960-01	68.99	1.024	.3815	566.0	.2402-03
124	1525.0	440.00	334.00	.2271-01	.2709-01	.2999-01	68.96	1.566	.3817	566.3	.3675-03
124	1525.0	493.00	335.00	.1536-01	.1834-01	.2031-01	68.72	1.056	.3838	569.4	.2487-03
127	1545.0	434.00	338.00	.9593-02	.1141-01	.1260-01	72.77	.6980	.3714	570.7	.1582-03
127	1545.0	443.00	339.00	.2041-01	.2427-01	.2680-01	72.86	1.487	.3706	569.5	.3365-03

OMS POD

PARAMETRIC DATA

MACH = 5.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
1	20.00	.0000	5.300	3.608	377.3	1524.	375.7	.4907	236.6	.1740-03	3996.	.1750-01
128	20.00	.0000	5.300	3.724	377.9	1496.	368.4	.4924	232.0	.1781-03	3957.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
1	.0000	.3145
128	.0000	.3145

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
1	1325.0	428.60	298.00	.4962-01	.5871-01	.6464-01	76.24	3.783	.3544	555.0	.8248-03
1	1325.0	489.20	299.00	.1242	.1472	.1621	75.73	9.407	.3586	561.5	.2067-02
1	1325.0	506.70	301.00	.4016-01	.4764-01	.5253-01	75.19	3.020	.3630	568.4	.6689-03
1	1350.0	440.40	302.00	.5986-01	.7090-01	.7810-01	75.81	4.538	.3579	560.5	.9958-03
1	1350.0	458.60	303.00	.9440-01	.1119	.1233	75.64	7.141	.3593	562.6	.1571-02
1	1350.0	498.50	304.00	.8316-01	.9959-01	.1087	75.45	6.275	.3608	565.0	.1384-02
1	1350.0	515.50	306.00	.5029-01	.5969-01	.6584-01	74.97	3.770	.3648	571.2	.8380-03
1	1375.0	421.60	308.00	.2084-01	.2467-01	.2716-01	76.10	1.586	.3556	556.8	.3465-03
1	1375.0	440.00	309.00	.4252-01	.5037-01	.5550-01	75.70	3.218	.3588	561.9	.7075-03
1	1375.0	460.00	310.00	.6896-01	.8172-01	.9006-01	75.59	5.212	.3597	563.3	.1148-02
1	1375.0	503.40	311.00	.2611-01	.3096-01	.3412-01	75.42	1.969	.3611	565.5	.4347-03
1	1375.0	531.00	312.00	.2550-01	.3027-01	.3339-01	74.94	1.911	.3650	571.6	.4250-03
1	1400.0	523.40	313.00	.3080-01	.3652-01	.4026-01	75.33	2.320	.3618	566.6	.5128-03
1	1425.0	415.10	315.00	.2625-01	.3107-01	.3422-01	76.05	1.996	.3559	557.4	.4365-03
1	1425.0	437.70	316.00	.2667-01	.3157-01	.3477-01	76.01	2.027	.3563	558.0	.4435-03
1	1425.0	466.30	317.00	.1716-01	.2032-01	.2238-01	76.00	1.304	.3564	558.1	.2855-03
1	1425.0	536.50	319.00	.1914-01	.2270-01	.2503-01	75.27	1.440	.3624	567.4	.3187-03
1	1450.0	418.20	320.00	.1342-01	.1589-01	.1749-01	76.12	1.022	.3554	556.5	.2232-03
1	1450.0	436.00	321.00	.3026-01	.3583-01	.3947-01	75.94	2.298	.3569	558.9	.5033-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 OMS POD

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
1	1450.0	468.20	322.00	.2072-01	.2454-01	.2704-01	75.78	1.570	.3582	560.9	.3447-03
1	1450.0	511.10	323.00	.1378-01	.1634-01	.1801-01	75.45	1.040	.3609	565.1	.2294-03
1	1500.0	437.00	327.00	.2365-01	.2799-01	.3083-01	76.09	1.799	.3557	557.0	.3932-03
1	1500.0	532.30	331.00	.1785-01	.2115-01	.2331-01	75.64	1.350	.3593	562.7	.2971-03
1	1525.0	424.00	332.00	.4253-02	.5035-02	.5544-02	76.04	.3234	.3561	557.6	.7072-04
1	1525.0	431.00	333.00	.1609-01	.1905-01	.2098-01	76.00	1.223	.3564	558.0	.2676-03
1	1525.0	440.00	334.00	.2775-01	.3286-01	.3618-01	76.02	2.110	.3562	557.9	.4615-03
1	1525.0	493.00	335.00	.1225-01	.1451-01	.1598-01	75.86	.9292	.3575	559.9	.2038-03
128	1545.0	434.00	338.00	.9204-02	.1093-01	.1206-01	73.34	.6750	.3663	562.5	.1514-03
128	1545.0	443.00	339.00	.2919-01	.3465-01	.3822-01	73.44	2.144	.3655	561.1	.4801-03

OMS POD

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
12	20.00	.0000	7.300	.9991	236.9	1510.	372.1	.4251-01	133.0	.2682-04	4127.	.1750-01
20	20.00	.0000	7.300	.9678	237.8	1542.	380.5	.4258-01	136.0	.2627-04	4173.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
12	.0000	.1274
20	.0000	.1278

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
12	1325.0	506.70	301.00	.7903-02	.9384-02	.1035-01	30.01	.2372	.3663	568.0	.3354-03
12	1350.0	440.40	302.00	.1087-02	.1287-02	.1418-02	30.40	.3303-01	.3584	555.8	.4603-04
12	1350.0	458.60	303.00	.9173-01	.1089	.1201	30.04	2.756	.3656	567.0	.3892-02
12	1350.0	498.50	304.00	.4475-01	.5316-01	.5867-01	29.94	1.340	.3676	570.0	.1900-02
12	1350.0	515.50	306.00	.1261-01	.1498-01	.1653-01	29.97	.3779	.3671	569.3	.5352-03
12	1375.0	421.60	308.00	.1348-01	.1601-01	.1767-01	29.97	.4040	.3671	569.2	.5722-03
12	1375.0	440.00	309.00	.1760-01	.2091-01	.2309-01	29.89	.5261	.3687	571.7	.7473-03
12	1375.0	460.00	310.00	.1019	.1211	.1337	29.87	3.043	.3692	572.5	.4326-02
12	1375.0	503.40	311.00	.1764-01	.2095-01	.2312-01	29.95	.5282	.3676	570.0	.7487-03
12	1375.0	531.00	312.00	.9359-02	.1112-01	.1227-01	29.95	.2803	.3674	569.8	.3973-03
12	1400.0	523.40	313.00	.1080-01	.1283-01	.1415-01	29.98	.3237	.3670	569.1	.4584-03
12	1425.0	415.10	315.00	.1096-01	.1302-01	.1437-01	29.94	.3283	.3677	570.1	.4654-03
12	1425.0	437.70	316.00	.1143-01	.1358-01	.1499-01	29.94	.3422	.3677	570.3	.4853-03
12	1425.0	466.30	317.00	.5925-01	.7040-01	.7771-01	29.89	1.771	.3686	571.6	.2516-02
12	1425.0	536.50	319.00	.7476-02	.8877-02	.9795-02	30.01	.2244	.3663	568.0	.3173-03
12	1450.0	418.20	320.00	.3686-02	.4378-02	.4830-02	29.98	.1105	.3668	568.8	.1564-03
12	1450.0	436.00	321.00	.1343-01	.1595-01	.1760-01	29.94	.4019	.3678	570.3	.5699-03
12	1450.0	468.20	322.00	.4559-01	.5416-01	.5978-01	29.93	1.365	.3679	570.6	.1936-02
12	1450.0	511.10	323.00	.1186-01	.1408-01	.1554-01	29.99	.3555	.3667	568.6	.5032-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 OMS POD

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
12	1500.0	437.00	327.00	.8717-02	.1035-01	.1142-01	30.04	.2619	.3656	566.9	.3699-03
12	1500.0	532.30	331.00	.8902-02	.1057-01	.1166-01	30.01	.2672	.3662	567.9	.3778-03
12	1525.0	424.00	332.00	.6506-02	.7724-02	.8522-02	30.04	.1954	.3657	567.2	.2761-03
12	1525.0	431.00	333.00	.4585-02	.5442-02	.6004-02	30.07	.1379	.3650	566.0	.1945-03
12	1525.0	440.00	334.00	.1950-01	.2314-01	.2552-01	30.15	.5880	.3634	563.6	.8271-03
12	1525.0	493.00	335.00	.1170-01	.1388-01	.1531-01	30.07	.3517	.3651	566.2	.4962-03
20	1545.0	434.00	338.00	.6348-02	.7517-02	.8278-02	31.25	.1984	.3567	565.6	.2721-03
20	1545.0	443.00	339.00	.2200-01	.2604-01	.2868-01	31.25	.6874	.3566	565.4	.9426-03

OMS POD

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
14	20.00	.0000	7.300	1.974	468.5	1510.	372.2	.8405-01	133.1	.5301-04	4127.	.1750-01
19	20.00	.0000	7.300	2.023	465.7	1484.	365.2	.8371-01	130.6	.5380-04	4089.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
14	.0000	.1792
19	.0000	.1785

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
14	1325.0	506.70	301.00	.7554-02	.8935-02	.9833-02	43.15	.3260	.3527	547.2	.2273-03
14	1350.0	458.60	303.00	.1744	.2062	.2269	43.25	7.544	.3513	545.0	.5247-02
14	1350.0	498.50	304.00	.4538-01	.5368-01	.5909-01	43.12	1.957	.3532	547.9	.1366-02
14	1350.0	515.50	306.00	.1330-01	.1573-01	.1731-01	43.14	.5737	.3529	547.4	.4002-03
14	1375.0	421.60	308.00	.1429-01	.1691-01	.1861-01	43.08	.6157	.3538	548.8	.4302-03
14	1375.0	440.00	309.00	.2700-01	.3195-01	.3517-01	43.05	1.162	.3542	549.5	.8129-03
14	1375.0	460.00	310.00	.1156	.1368	.1505	43.05	4.975	.3543	549.6	.3480-02
14	1375.0	503.40	311.00	.1622-01	.1918-01	.2111-01	43.12	.6992	.3532	548.0	.4881-03
14	1375.0	531.00	312.00	.1068-01	.1263-01	.1390-01	43.13	.4606	.3531	547.7	.3214-03
14	1400.0	523.40	313.00	.1732-01	.2049-01	.2255-01	43.15	.7475	.3528	547.2	.5213-03
14	1425.0	415.10	315.00	.1650-01	.1952-01	.2149-01	43.11	.7114	.3534	548.3	.4968-03
14	1425.0	437.70	316.00	.1872-01	.2214-01	.2437-01	43.09	.8066	.3536	548.6	.5634-03
14	1425.0	466.30	317.00	.3125-01	.3696-01	.4069-01	43.10	1.347	.3535	548.4	.9406-03
14	1425.0	536.50	319.00	.8722-02	.1031-01	.1135-01	43.22	.3770	.3518	545.7	.2624-03
14	1450.0	418.20	320.00	.5159-02	.6102-02	.6716-02	43.13	.2225	.3530	547.6	.1553-03
14	1450.0	436.00	321.00	.2072-01	.2451-01	.2699-01	43.13	.8939	.3530	547.6	.6237-03
14	1450.0	468.20	322.00	.2146-01	.2538-01	.2794-01	43.15	.9261	.3527	547.2	.6459-03
14	1450.0	511.10	323.00	.1063-01	.1257-01	.1383-01	43.23	.4594	.3517	545.5	.3198-03
14	1500.0	437.00	327.00	.1494-01	.1766-01	.1943-01	43.28	.6468	.3508	544.3	.4495-03

OH84C 60-0 OMS POD (R3QS08)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.950	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
14	1500.0	532.30	331.00	.1273-01	.1511-01	.1663-01	43.27	.5532	.3511	544.6	.3846-03
14	1525.0	424.00	332.00	.4340-02	.5130-02	.5644-02	43.30	.1879	.3506	543.9	.1306-03
14	1525.0	431.00	333.00	.9194-02	.1087-01	.1195-01	43.33	.3983	.3502	543.3	.2765-03
14	1525.0	440.00	334.00	.3800-01	.4492-01	.4941-01	43.33	1.647	.3502	543.3	.1143-02
14	1525.0	493.00	335.00	.1236-01	.1461-01	.1607-01	43.33	.5355	.3502	543.2	.3717-03
14	1545.0	428.00	337.00	.7586-01	.8942-01	.9837-01	43.31	3.277	.3504	543.6	.2276-02
19	1545.0	434.00	338.00	.6495-02	.7733-02	.8548-02	40.66	.2641	.3755	571.6	.1948-03
19	1545.0	443.00	339.00	.3016-01	.3591-01	.3970-01	40.67	1.227	.3753	571.3	.9045-03

OMS POD

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
15	20.00	.0000	7.300	2.914	702.8	1525.	376.0	.1260	134.4	.7864-04	4148.	.1750-01
18	20.00	.0000	7.300	3.062	701.5	1480.	364.1	.1261	130.2	.8132-04	4082.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
15	.0000	.2196
18	.0000	.2190

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
15	1325.0	505.70	301.00	.1021-01	.1208-01	.1329-01	53.48	.5462	.3519	551.5	.2525-03
15	1350.0	458.60	303.00	.1136	.1342	.1476	53.62	6.090	.3502	548.8	.2807-02
15	1350.0	498.50	304.00	.5512-01	.6519-01	.7175-01	53.40	2.943	.3529	553.0	.1363-02
15	1350.0	515.50	306.00	.1638-01	.1937-01	.2131-01	53.45	.8754	.3523	552.0	.4049-03
15	1375.0	421.60	308.00	.1585-01	.1875-01	.2063-01	53.46	.8476	.3521	551.8	.3920-03
15	1375.0	440.00	309.00	.4284-01	.5067-01	.5577-01	53.38	2.286	.3531	553.4	.1059-02
15	1375.0	460.00	310.00	.6831-01	.8081-01	.8895-01	53.35	3.644	.3535	553.9	.1689-02
15	1375.0	503.40	311.00	.1710-01	.2023-01	.2226-01	53.38	.9129	.3530	553.3	.4229-03
15	1375.0	531.00	312.00	.1396-01	.1651-01	.1817-01	53.38	.7452	.3530	553.3	.3452-03
15	1400.0	523.40	313.00	.1854-01	.2192-01	.2413-01	53.45	.9910	.3522	552.0	.4584-03
15	1425.0	415.10	315.00	.2795-01	.3305-01	.3637-01	53.45	1.494	.3522	552.0	.6911-03
15	1425.0	437.70	316.00	.3047-01	.3603-01	.3965-01	53.44	1.628	.3523	552.1	.7533-03
15	1425.0	466.30	317.00	.2608-01	.3085-01	.3395-01	53.38	1.392	.3531	553.4	.6449-03
15	1425.0	536.50	319.00	.1099-01	.1300-01	.1430-01	53.47	.5877	.3520	551.6	.2718-03
15	1450.0	418.20	320.00	.8161-02	.9649-02	.1062-01	53.48	.4365	.3519	551.4	.2018-03
15	1450.0	436.00	321.00	.3539-01	.4185-01	.4606-01	53.45	1.892	.3523	552.0	.8750-03
15	1450.0	468.20	322.00	.2096-01	.2479-01	.2728-01	53.41	1.120	.3527	552.7	.5183-03
15	1450.0	511.10	323.00	.1167-01	.1379-01	.1518-01	53.45	.6235	.3523	552.1	.2884-03
15	1500.0	437.00	327.00	.2126-01	.2514-01	.2766-01	53.55	1.139	.3511	550.2	.5256-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 OMS POD

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
15	1500.0	532.30	331.00	.1056-01	.1248-01	.1374-01	53.55	.5656	.3$10	550.1	.2610-03
15	1525.0	424.00	332.00	.2775-02	.3281-02	.3610-02	53.55	.1486	.3511	550.1	.6860-04
15	1525.0	431.00	333.00	.1082-01	.1279-01	.1407-01	53.58	.5798	.3508	549.7	.2675-03
15	1525.0	440.00	334.00	.2878-01	.3402-01	.3742-01	53.57	1.541	.3509	549.9	.7113-03
15	1525.0	493.00	335.00	.1102-01	.1303-01	.1433-01	53.54	.5899	.3512	550.3	.2724-03
18	1545.0	434.00	338.00	.5942-02	.7071-02	.7813-02	49.90	.2965	.3736	567.0	.1448-03
18	1545.0	443.00	339.00	.2173-01	.2586-01	.2857-01	49.91	1.085	.3735	566.8	.5297-03

OMS POD

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
16	20.00	.0000	7.300	3.630	867.6	1517.	373.9	.1556	133.7	.9769-04	4137.	.1750-01
17	20.00	.0000	7.300	3.571	868.0	1532.	377.9	.1555	135.1	.9659-04	4159.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
16	.0000	.2439
17	.0000	.2441

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
16	1325.0	506.70	301.00	.1217-01	.1440-01	.1584-01	58.98	.7179	.3529	550.0	.2699-03
16	1350.0	458.60	303.00	.1090	.1289	.1418	59.15	6.449	.3512	547.2	.2417-02
16	1350.0	498.50	304.00	.5459-01	.6457-01	.7107-01	58.94	3.217	.3534	550.7	.1211-02
16	1350.0	515.50	306.00	.1640-01	.1939-01	.2135-01	58.97	.9670	.3530	550.1	.3637-03
16	1375.0	421.60	308.00	.1555-01	.1839-01	.2024-01	58.91	.9157	.3537	551.2	.3448-03
16	1375.0	440.00	309.00	.3996-01	.4729-01	.5205-01	58.86	2.352	.3542	552.0	.8865-03
16	1375.0	460.00	310.00	.7673-01	.9079-01	.9994-01	58.87	4.517	.3541	551.8	.1702-02
16	1375.0	503.40	311.00	.1696-01	.2007-01	.2209-01	58.90	.9991	.3538	551.3	.3763-03
16	1375.0	531.00	312.00	.1638-01	.1937-01	.2133-01	58.94	.9653	.3534	550.7	.3633-03
16	1400.0	523.40	313.00	.1706-01	.2017-01	.2220-01	59.01	1.006	.3527	549.5	.3782-03
16	1425.0	415.10	315.00	.2245-01	.2656-01	.2924-01	58.94	1.324	.3533	550.6	.4980-03
16	1425.0	437.70	316.00	.2362-01	.2795-01	.3076-01	58.93	1.392	.3534	550.7	.5240-03
16	1425.0	466.30	317.00	.2906-01	.3438-01	.3784-01	58.94	1.713	.3533	550.6	.6446-03
16	1425.0	536.50	319.00	.1035-01	.1224-01	.1347-01	59.03	.6112	.3524	549.1	.2296-03
16	1450.0	418.20	320.00	.8716-02	.1031-01	.1135-01	58.97	.5140	.3530	550.1	.1933-03
16	1450.0	436.00	321.00	.2736-01	.3236-01	.3561-01	58.99	1.614	.3529	549.9	.6067-03
16	1450.0	468.20	322.00	.2257-01	.2669-01	.2938-01	58.99	1.331	.3528	549.8	.5005-03
16	1450.0	511.10	323.00	.1003-01	.1187-01	.1306-01	59.01	.5920	.3527	549.5	.2225-03
16	1500.0	437.00	327.00	.2379-01	.2812-01	.3094-01	59.13	1.408	.3507	546.5	.5274-03

OH84C 60-0 OMS POD (R30S10)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
16	1500.0	532.30	331.00	.1183-01	.1398-01	.1538-01	59.22	.7003	.3504	546.0	.2621-03
16	1525.0	424.00	332.00	.4962-02	.5863-02	.6448-02	59.28	.2941	.3498	545.1	.1100-03
16	1525.0	431.00	333.00	.1023-01	.1209-01	.1330-01	59.22	.6057	.3504	546.1	.2267-03
16	1525.0	440.00	334.00	.3663-01	.4330-01	.4763-01	59.23	2.170	.3503	545.8	.8120-03
16	1525.0	493.00	335.00	.1146-01	.1354-01	.1490-01	59.23	.6786	.3503	545.8	.2539-03
17	1545.0	434.00	338.00	.5815-02	.6873-02	.7560-02	59.90	.3483	.3502	551.6	.1297-03
17	1545.0	443.00	339.00	.2648-01	.3129-01	.3442-01	59.92	1.587	.3500	551.2	.5907-03

OH84C 60-O OMS POD (R3QS11)

OMS POD

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
11	25.00	.0000	7.300	1.001	236.4	1506.	371.1	.4242-01	132.7	.2683-04	4121.	.1750-01
21	25.00	.0000	7.300	.9962	238.4	1518.	374.2	.4276-01	133.8	.2682-04	4139.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
11	.0000	.1273
21	.0000	.1279

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
11	1325.0	506.70	301.00	.5957-02	.7073-02	.7804-02	29.89	.1781	.3664	566.7	.2527-03
11	1350.0	458.60	303.00	.7302-02	.8670-02	.9566-02	29.90	.2184	.3661	566.3	.3098-03
11	1350.0	498.50	304.00	.2224-01	.2642-01	.2916-01	29.81	.6630	.3680	569.2	.9437-03
11	1350.0	515.50	306.00	.1072-01	.1273-01	.1405-01	29.84	.3199	.3674	568.4	.4548-03
11	1375.0	421.60	308.00	.1978-02	.2349-02	.2592-02	29.84	.5901-01	.3674	568.4	.8392-04
11	1375.0	440.00	309.00	.4215-02	.5010-02	.5531-02	29.74	.1254	.3694	571.5	.1790-03
11	1375.0	460.00	310.00	.1351-01	.1606-01	.1774-01	29.71	.4014	.3702	572.6	.5738-03
11	1375.0	503.40	311.00	.1535-01	.1823-01	.2012-01	29.80	.4574	.3682	569.5	.6513-03
11	1375.0	531.00	312.00	.6532-02	.7759-02	.8564-02	29.82	.1947	.3679	569.1	.2772-03
11	1400.0	523.40	313.00	.1011-01	.1201-01	.1326-01	29.83	.3016	.3676	568.6	.4291-03
11	1425.0	415.10	315.00	.3355-02	.3986-02	.4400-02	29.78	.9993-01	.3686	570.1	.1424-03
11	1425.0	437.70	316.00	.3718-02	.4418-02	.4877-02	29.78	.1107	.3687	570.3	.1578-03
11	1425.0	466.30	317.00	.1813-01	.2155-01	.2380-01	29.72	.5388	.3699	572.2	.7698-03
11	1425.0	536.50	319.00	.5515-02	.6550-02	.7228-02	29.85	.1646	.3672	567.9	.2340-03
11	1450.0	418.20	320.00	.2264-02	.2690-02	.2968-02	29.83	.6754-01	.3676	568.7	.9608-04
11	1450.0	436.00	321.00	.4309-02	.5120-02	.5652-02	29.77	.1283	.3688	570.5	.1829-03
11	1450.0	468.20	322.00	.1462-01	.1737-01	.1918-01	29.74	.4347	.3694	571.4	.6205-03
11	1450.0	511.10	323.00	.7006-02	.8323-02	.9186-02	29.82	.2069	.3679	569.0	.2973-03
11	1450.0	526.60	325.00	.1130-01	.1340-01	.1477-01	30.14	.3407	.3612	558.7	.4788-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

(R3QS11)

OH84C 60-0 OMS POD

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
11	1500.0	437.00	327.00	.2620-02	.3112-02	.3434-02	29.84	.7820-01	.3673	568.2	.1112-03
11	1500.0	532.30	331.00	.4936-02	.5863-02	.6470-02	29.85	.1473	.3673	568.1	.2094-03
11	1525.0	431.00	333.00	.3344-02	.3971-02	.4383-02	29.86	.9986-01	.3670	567.6	.1419-03
11	1525.0	440.00	334.00	.8912-02	.1059-01	.1168-01	29.85	.2660	.3673	568.1	.3781-03
11	1525.0	493.00	335.00	.5936-02	.7049-02	.7779-02	29.86	.1772	.3671	567.8	.2518-03
21	1545.0	434.00	339.00	.2136-02	.2530-02	.2786-02	30.72	.6561-01	.3575	557.6	.9050-04
21	1545.0	443.00	339.00	.4786-02	.5667-02	.6243-02	30.73	.1470	.3574	557.4	.2028-03

OH84C 60-0 OMS POD (R3QS12)

OMS POD

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
10	25.00	.0000	7.300	1.980	467.1	1505.	370.9	.8383-01	132.6	.5306-04	4120.	.1750-01
22	25.00	.0000	7.300	1.915	464.2	1529.	377.2	.8318-01	134.9	.5176-04	4155.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
10	.0000	.1789
22	.0000	.1785

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
10	1325.0	506.70	301.00	.9274-02	.1102-01	.1216-01	41.89	.3885	.3678	568.4	.2798-03
10	1350.0	440.40	302.00	.4112-03	.4871-03	.5367-03	42.55	.1750-01	.3582	553.6	.1238-04
10	1350.0	458.60	303.00	.6884-02	.8173-02	.9017-02	42.01	.2892	.3660	565.7	.2076-03
10	1350.0	498.50	304.00	.2395-01	.2845-01	.3141-01	41.86	1.002	.3682	569.2	.7228-03
10	1350.0	515.50	306.00	.1337-01	.1588-01	.1753-01	41.86	.5596	.3682	569.1	.4034-03
10	1375.0	421.60	308.00	.2463-02	.2926-02	.3230-02	41.82	.1030	.3688	570.1	.7432-04
10	1375.0	440.00	309.00	.4614-02	.5484-02	.6055-02	41.76	.1927	.3697	571.4	.1393-03
10	1375.0	460.00	310.00	.1100-01	.1307-01	.1443-01	41.77	.4593	.3696	571.2	.3320-03
10	1375.0	503.40	311.00	.1603-01	.1905-01	.2103-01	41.84	.6707	.3685	569.6	.4838-03
10	1375.0	531.00	312.00	.9696-02	.1152-01	.1272-01	41.85	.4057	.3684	569.4	.2926-03
10	1400.0	523.40	313.00	.1159-01	.1377-01	.1520-01	41.87	.4855	.3680	568.8	.3499-03
10	1425.0	415.10	315.00	.4023-02	.4780-02	.5277-02	41.81	.1682	.3689	570.2	.1214-03
10	1425.0	437.70	316.00	.4245-02	.5044-02	.5568-02	41.81	.1775	.3689	570.2	.1281-03
10	1425.0	466.30	317.00	.1435-01	.1706-01	.1883-01	41.81	.6001	.3689	570.2	.4332-03
10	1425.0	536.50	319.00	.7893-02	.9374-02	.1035-01	41.93	.3309	.3672	567.6	.2381-03
10	1450.0	418.20	320.00	.2809-02	.3338-02	.3684-02	41.85	.1176	.3683	569.3	.8478-04
10	1450.0	436.00	321.00	.4273-02	.5077-02	.5604-02	41.84	.1788	.3684	569.4	.1289-03
10	1450.0	468.20	322.00	.1152-01	.1369-01	.1511-01	41.85	.4822	.3683	569.2	.3477-03
10	1450.0	511.10	323.00	.6822-02	.8102-02	.8942-02	41.92	.2859	.3674	567.8	.2058-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 OMS POD

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
10	1500.0	437.00	327.00	.3043-02	.3613-02	.3986-02	42.00	.1278	.3661	565.9	.9178-04
10	1500.0	532.30	331.00	.9410-02	.1117-01	.1233-01	41.99	.3951	.3663	566.1	.2838-03
10	1525.0	424.00	332.00	.3563-02	.4230-02	.4666-02	42.02	.1497	.3659	565.5	.1075-03
10	1525.0	431.00	333.00	.3180-02	.3775-02	.4165-02	42.04	.1337	.3656	565.0	.9591-04
10	1525.0	440.00	334.00	.3869-02	.4592-02	.5065-02	42.10	.1629	.3647	563.7	.1167-03
10	1525.0	493.00	335.00	.5426-02	.6441-02	.7106-02	42.05	.2282	.3654	564.8	.1636-03
22	1545.0	434.00	338.00	.3105-02	.3672-02	.4041-02	43.54	.1352	.3528	554.7	.9464-04
22	1545.0	443.00	339.00	.5581-02	.6601-02	.7264-02	43.56	.2431	.3526	554.4	.1701-03

OMS POD

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
23	25.00	.0000	7.300	2.971	696.7	1500.	369.4	.1251	132.1	.7949-04	4112.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
23	.0000	.2184

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
23	1545.0	434.00	338.00	.4356-02	.5170-02	.5704-02	51.16	.2228	.3654	562.6	.1073-03
23	1545.0	443.00	339.00	.7111-02	.8441-02	.9311-02	51.17	.3639	.3652	562.3	.1752-03

OMS POD

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
8	25.00	.0000	7.300	3.609	861.8	1516.	373.7	.1546	133.6	.9709-04	4136.	.1750-01
24	25.00	.0000	7.300	3.859	860.1	1456.	357.8	.1549	127.9	.1016-03	4047.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
8	.0000	.2431
24	.0000	.2423

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
8	1325.0	506.70	301.00	.1611-01	.1914-01	.2112-01	57.40	.9249	.3672	572.0	.3596-03
8	1350.0	440.40	302.00	.3161-03	.3743-03	.4122-03	58.46	.1848-01	.3561	554.7	.7038-05
8	1350.0	458.60	303.00	.3454-01	.4101-01	.4524-01	57.54	1.987	.3658	569.7	.7706-03
8	1350.0	498.50	304.00	.5906-01	.7018-01	.7747-01	57.25	3.381	.3688	574.5	.1318-02
8	1350.0	515.50	306.00	.1829-01	.2173-01	.2399-01	57.31	1.048	.3682	573.5	.4083-03
8	1375.0	421.60	308.00	.2397-02	.2847-02	.3141-02	57.41	.1376	.3672	571.9	.5349-04
8	1375.0	440.90	309.00	.8757-02	.1041-01	.1149-01	57.18	.5008	.3696	575.6	.1955-03
8	1375.0	460.00	310.00	.5489-01	.6525-01	.7205-01	57.13	3.136	.3701	576.5	.1226-02
8	1375.0	503.40	311.00	.2349-01	.2791-01	.3082-01	57.20	1.344	.3693	575.3	.5244-03
8	1375.0	531.00	312.00	.1274-01	.1514-01	.1672-01	57.25	.7295	.3689	574.5	.2845-03
8	1400.0	523.40	313.00	.1577-01	.1873-01	.2067-01	57.30	.9034	.3693	573.6	.3519-03
8	1425.0	415.10	315.00	.8532-02	.1014-01	.1119-01	57.31	.4889	.3692	573.5	.1904-03
8	1425.0	437.70	316.00	.9095-02	.1081-01	.1193-01	57.30	.5212	.3683	573.7	.2030-03
8	1425.0	466.30	317.00	.5332-01	.6338-01	.6998-01	57.15	3.047	.3699	576.1	.1191-02
8	1425.0	536.50	318.00	.8359-02	.9930-02	.1096-01	57.35	.4793	.3678	572.9	.1866-03
8	1450.0	418.20	320.00	.4693-02	.5574-02	.6151-02	57.39	.2693	.3674	572.2	.1047-03
8	1450.0	436.00	321.00	.1052-01	.1250-01	.1380-01	57.26	.6023	.3688	574.4	.2348-03
8	1450.0	468.20	322.00	.4012-01	.4769-01	.5265-01	57.19	2.295	.3695	575.5	.8959-03
8	1450.0	511.10	323.00	.1060-01	.1259-01	.1390-01	57.27	.6068	.3687	574.2	.2366-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 OMS POD

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
8	1500.0	437.00	327.00	.5823-02	.6916-02	.7633-02	57.40	.3342	.3673	572.1	.1300-03
8	1500.0	532.30	331.00	.1125-01	.1336-01	.1475-01	57.40	.6457	.3673	572.1	.2511-03
8	1525.0	424.00	332.00	.3305-02	.3926-02	.4332-02	57.41	.1898	.3672	571.9	.7377-04
8	1525.0	431.00	333.00	.4530-02	.5452-02	.6016-02	57.42	.2636	.3670	571.6	.1024-03
8	1525.0	440.00	334.00	.1011-01	.1201-01	.1325-01	57.39	.5802	.3674	572.2	.2256-03
8	1525.0	493.00	335.00	.1775-01	.2108-01	.2327-01	57.38	1.019	.3675	572.3	.3961-03
24	1545.0	434.00	338.00	.4415-02	.5260-02	.5816-02	53.96	.2382	.3771	562.3	.9623-04
24	1545.0	443.00	339.00	.1053-01	.1254-01	.1387-01	53.98	.5683	.3768	562.0	.2294-03

OMS POD

PARAMETRIC DATA

MACH = 7.300 ALPHA = 30.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
2	30.00	.0000	7.300	.9823	235.3	1519.	374.4	.4219-01	133.9	.2645-04	4140.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
2	.0000	.1270

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
2	1325.0	428.60	298.00	.8571-03	.1011-02	.1111-02	31.21	.2675-01	.3439	536.7	.3646-04
2	1325.0	489.20	299.00	.3262-02	.3847-02	.4226-02	31.27	.1020	.3426	534.6	.1387-03
2	1325.0	506.70	301.00	.1678-01	.1980-01	.2175-01	31.18	.5231	.3445	537.5	.7138-03
2	1350.0	440.40	302.00	.1545-03	.1820-03	.1998-03	31.48	.4865-02	.3384	528.0	.6567-05
2	1350.0	458.60	303.00	.3548-02	.4184-02	.4596-02	31.30	.1111	.3420	533.7	.1509-03
2	1350.0	498.50	304.00	.3950-02	.4658-02	.5117-02	31.27	.1235	.3426	534.6	.1680-03
2	1350.0	515.50	306.00	.1714-01	.2023-01	.2223-01	31.19	.5346	.3443	537.2	.7293-03
2	1375.0	421.60	308.00	.4570-03	.5392-03	.5924-03	31.22	.1427-01	.3436	536.2	.1944-04
2	1375.0	440.00	309.00	.2613-02	.3081-02	.3385-02	31.27	.8170-01	.3425	534.6	.1111-03
2	1375.0	460.00	310.00	.5192-02	.6123-02	.6727-02	31.26	.1623	.3428	535.0	.2208-03
2	1375.0	503.40	311.00	.4821-02	.5688-02	.6249-02	31.23	.1505	.3435	536.1	.2051-03
2	1375.0	531.00	312.00	.5215-02	.6152-02	.6759-02	31.23	.1629	.3433	535.8	.2218-03
2	1400.0	523.40	313.00	.1066-01	.1257-01	.1382-01	31.19	.3324	.3442	537.1	.4534-03
2	1425.0	415.10	315.00	.3687-02	.4346-02	.4773-02	31.37	.1157	.3405	531.4	.1568-03
2	1425.0	437.70	316.00	.2987-02	.3521-02	.3866-02	31.37	.9371-01	.3405	531.4	.1270-03
2	1425.0	466.30	317.00	.6058-02	.7141-02	.7843-02	31.35	.1899	.3409	532.0	.2575-03
2	1425.0	536.50	319.00	.2961-02	.3493-02	.3838-02	31.23	.9248-01	.3434	535.9	.1260-03
2	1450.0	418.20	320.00	.1708-02	.2013-02	.2211-02	31.40	.5363-01	.3400	530.6	.7261-04
2	1450.0	436.00	321.00	.2973-02	.3503-02	.3845-02	31.48	.9359-01	.3385	528.2	.1263-03
2	1450.0	468.20	322.00	.5318-02	.6268-02	.6883-02	31.39	.1670	.3401	530.8	.2261-03
2	1450.0	511.10	323.00	.2418-02	.2852-02	.3133-02	31.26	.7557-01	.3429	535.1	.1028-03

OH84C MODEL 60-O AT ARC 3.5 FT. TUNNEL

OH84C 60-O OMS POD

(R30S15)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.C	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
2	1500.0	437.00	327.00	.1660-02	.1955-02	.2145-02	31.55	.5238-01	.3369	525.7	.7051-04
2	1500.0	532.30	331.00	.1474-02	.1737-02	.1908-02	31.33	.4617-01	.3413	532.6	.6265-04
2	1525.0	424.00	332.00	.7988-03	.9400-03	.1031-02	31.67	.2530-01	.3345	521.9	.3392-04
2	1525.0	431.00	333.00	.3075-02	.3620-02	.3971-02	31.64	.9730-01	.3352	523.1	.1306-03
2	1525.0	440.00	334.00	.2630-02	.3097-02	.3398-02	31.61	.8314-01	.3358	524.1	.1117-03
2	1525.0	493.00	335.00	.4079-02	.4806-02	.5277-02	31.46	.1283	.3389	528.8	.1734-03

OMS POD

PARAMETRIC DATA

MACH = 7.300 ALPHA = 30.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
3	30.00	.0000	7.300	1.937	464.3	1519.	374.6	.8326-01	133.9	.5218-04	4140.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
3	.0000	.1784

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
3	1325.0	428.60	298.00	.1216-02	.1437-02	.1530-02	43.50	.5291-01	.3490	544.8	.3688-04
3	1325.0	489.20	299.00	.5274-02	.6230-02	.6851-02	43.53	.2296	.3485	544.1	.1599-03
3	1325.0	506.70	301.00	.2105-01	.2487-01	.2735-01	43.53	.9161	.3487	544.3	.6382-03
3	1350.0	440.40	302.00	.2100-03	.2477-03	.2720-03	44.01	.9243-02	.3417	533.5	.6359-05
3	1350.0	458.60	303.00	.4110-02	.4854-02	.5337-02	43.61	.1792	.3474	542.3	.1246-03
3	1350.0	498.50	304.00	.5384-02	.6361-02	.6996-02	43.51	.2343	.3488	544.6	.1633-03
3	1350.0	515.50	306.00	.2486-01	.2937-01	.3230-01	43.52	1.082	.3487	544.4	.7539-03
3	1375.0	421.60	308.00	.1112-02	.1314-02	.1445-02	43.46	.4832-01	.3496	545.8	.3373-04
3	1375.0	440.00	309.00	.2110-02	.2494-02	.2743-02	43.46	.9170-01	.3496	545.8	.6400-04
3	1375.0	460.00	310.00	.7519-02	.8886-02	.9773-02	43.46	.3268	.3496	545.8	.2280-03
3	1375.0	503.40	311.00	.4038-02	.4771-02	.5247-02	43.52	.1758	.3487	544.4	.1225-03
3	1375.0	531.00	312.00	.6766-02	.7994-02	.8791-02	43.51	.2944	.3489	544.6	.2052-03
3	1400.0	523.40	313.00	.1714-01	.2024-01	.2226-01	43.53	.7459	.3486	544.1	.5196-03
3	1425.0	415.10	315.00	.2312-02	.2732-02	.3005-02	43.50	.1006	.3491	544.9	.7012-04
3	1425.0	437.70	316.00	.2602-02	.3075-02	.3382-02	43.49	.1132	.3492	545.1	.7891-04
3	1425.0	466.30	317.00	.9041-02	.1068-01	.1175-01	43.52	.3935	.3487	544.4	.2742-03
3	1425.0	536.50	319.00	.5250-02	.6201-02	.6813-02	43.58	.2288	.3479	543.1	.1592-03
3	1450.0	418.20	320.00	.1242-02	.1467-02	.1614-02	43.52	.5406-01	.3487	544.4	.3766-04
3	1450.0	436.00	321.00	.3013-02	.3559-02	.3914-02	43.53	.1312	.3486	544.2	.9136-04
3	1450.0	468.20	322.00	.5854-02	.6915-02	.7604-02	43.56	.2550	.3482	543.5	.1775-03
3	1450.0	511.10	323.00	.3118-02	.3682-02	.4048-02	43.60	.1359	.3476	542.6	.9451-04

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 OMS POD

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
3	1500.0	437.00	327.00	.2235-02	.2639-02	.2901-02	43.68	.9763-01	.3464	540.8	.6774-04
3	1500.0	532.30	331.00	.2983-02	.3522-02	.3872-02	43.65	.1302	.3469	541.6	.9041-04
3	1525.0	424.00	332.00	.1855-02	.2191-02	.2408-02	43.68	.8105-01	.3464	540.8	.5623-04
3	1525.0	431.00	333.00	.1561-02	.1842-02	.2025-02	43.72	.6824-01	.3458	539.9	.4730-04
3	1525.0	440.00	334.00	.3736-01	.4412-01	.4851-01	43.63	1.630	.3472	542.0	.1132-02
3	1525.0	493.00	335.00	.4484-02	.5294-02	.5819-02	43.72	.1961	.3458	539.9	.1359-03

OMS POD

PARAMETRIC DATA

MACH = 7.300 ALPHA = 30.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
5	30.00	.0000	7.300	3.138	702.9	1460.	359.0	.1266	128.3	.8275-04	4053.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
5	.0000	.2191

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
5	1325.0	428.60	298.00	.1671-02	.1986-02	.2193-02	49.54	.8277-01	.3698	553.3	.4029-04
5	1325.0	489.20	299.00	.7330-02	.8715-02	.9624-02	49.47	.3626	.3706	554.5	.1768-03
5	1325.0	506.70	301.00	.2398-01	.2850-01	.3148-01	49.50	1.187	.3703	554.0	.5783-03
5	1350.0	440.40	302.00	.1932-03	.2289-03	.2522-03	50.38	.9731-02	.3595	537.9	.4647-05
5	1350.0	458.60	303.00	.4350-02	.5169-02	.5705-02	49.66	.2160	.3684	551.1	.1049-03
5	1350.0	498.50	304.00	.7883-02	.9375-02	.1035-01	49.42	.3896	.3713	555.5	.1902-03
5	1350.0	515.50	306.00	.2420-01	.2877-01	.3177-01	49.46	1.197	.3707	554.7	.5837-03
5	1375.0	421.60	308.00	.7930-03	.9427-03	.1041-02	49.52	.3927-01	.3701	553.7	.1912-04
5	1375.0	440.00	309.00	.2512-02	.2997-02	.3299-02	49.42	.1241	.3712	555.4	.6060-04
5	1375.0	460.00	310.00	.8535-02	.1015-01	.1121-01	49.38	.4215	.3717	556.2	.2059-03
5	1375.0	503.40	311.00	.6676-02	.7940-02	.8769-02	49.40	.3298	.3715	555.8	.1611-03
5	1375.0	531.00	312.00	.7813-02	.9291-02	.1026-01	49.40	.3859	.3715	555.8	.1885-03
5	1400.0	523.40	313.00	.1368-01	.1626-01	.1796-01	49.47	.6765	.3707	554.6	.3299-03
5	1425.0	415.10	315.00	.2452-02	.2914-02	.3218-02	49.50	.1214	.3702	554.0	.5913-04
5	1425.0	437.70	316.00	.2890-02	.3436-02	.3794-02	49.49	.1430	.3704	554.2	.6971-04
5	1425.0	466.30	317.00	.9692-02	.1153-01	.1273-01	49.41	.4789	.3714	555.6	.2338-03
5	1425.0	536.50	319.00	.6297-02	.7486-02	.8267-02	49.48	.3116	.3705	554.3	.1519-03
5	1450.0	418.20	320.00	.1157-02	.1375-02	.1519-02	49.54	.5733-01	.3698	553.2	.2790-04
5	1450.0	436.00	321.00	.2902-02	.3450-02	.3810-02	49.47	.1436	.3706	554.5	.6999-04
5	1450.0	468.20	322.00	.6636-02	.7891-02	.8714-02	49.44	.3281	.3710	555.1	.1601-03
5	1450.0	511.10	323.00	.4082-02	.4853-02	.5359-02	49.47	.2019	.3707	554.6	.9846-04

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 OMS POD

(R3QS17)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
5	1450.0	526.60	325.00	.7100-02	.8429-02	.9298-02	49.89	.3542	.3655	546.9	.1711-03
5	1500.0	437.00	327.00	.1993-02	.2369-02	.2615-02	49.57	.9880-01	.3694	552.7	.4806-04
5	1500.0	532.30	331.00	.2792-02	.3318-02	.3664-02	49.58	.1384	.3693	552.5	.6733-04
5	1525.0	424.00	332.00	.1469-02	.1746-02	.1928-02	49.58	.7284-01	.3693	552.5	.3542-04
5	1525.0	431.00	333.00	.2376-02	.2824-02	.3117-02	49.60	.1179	.3690	552.1	.5729-04
5	1525.0	440.00	334.00	.3668-02	.4360-02	.4813-02	49.58	.1819	.3693	552.6	.8846-04
5	1525.0	493.00	335.00	.4373-02	.5197-02	.5738-02	49.56	.2167	.3695	552.9	.1055-03

OMS POD

PARAMETRIC DATA

MACH = 7.300 ALPHA = 30.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
6	30.00	.0000	7.300	3.871	865.1	1458.	358.4	.1558	128.1	.1020-03	4050.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
6	.0000	.2430

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
6	1325.0	428.60	298.00	.2262-02	.2691-02	.2973-02	54.66	.1237	.3721	555.9	.4916-04
6	1325.0	489.20	299.00	.8152-02	.9697-02	.1071-01	54.63	.4454	.3724	556.3	.1771-03
6	1325.0	506.70	301.00	.2505-01	.2979-01	.3291-01	54.64	1.369	.3723	556.2	.5443-03
6	1350.0	458.60	303.00	.4805-02	.5713-02	.6310-02	54.78	.2632	.3708	553.9	.1044-03
6	1350.0	498.50	304.00	.8671-02	.1032-01	.1140-01	54.56	.4731	.3732	557.5	.1884-03
6	1350.0	515.50	306.00	.2293-01	.2728-01	.3013-01	54.60	1.252	.3727	556.8	.4983-03
6	1375.0	421.60	308.00	.9456-03	.1125-02	.1243-02	54.60	.5163-01	.3728	556.8	.2055-04
6	1375.0	440.00	309.00	.2048-02	.2437-02	.2693-02	54.49	.1116	.3740	558.7	.4452-04
6	1375.0	460.00	310.00	.1108-01	.1319-01	.1458-01	54.48	.6037	.3741	558.9	.2409-03
6	1375.0	503.40	311.00	.6435-02	.7657-02	.8460-02	54.53	.3509	.3735	557.9	.1399-03
6	1375.0	531.00	312.00	.8764-02	.1043-01	.1152-01	54.56	.4782	.3732	557.5	.1905-03
6	1400.0	523.40	313.00	.1193-01	.1419-01	.1567-01	54.61	.6513	.3726	556.6	.2592-03
6	1425.0	415.10	315.00	.2489-02	.2961-02	.3271-02	54.60	.1359	.3728	556.9	.5409-04
6	1425.0	437.70	316.00	.2544-02	.3026-02	.3344-02	54.58	.1388	.3730	557.1	.5528-04
6	1425.0	466.30	317.00	.1150-01	.1368-01	.1512-01	54.54	.6272	.3734	557.9	.2500-03
6	1425.0	536.50	319.00	.6014-02	.7153-02	.7901-02	54.68	.3288	.3719	555.6	.1307-03
6	1450.0	418.20	320.00	.1211-02	.1441-02	.1592-02	54.64	.6619-01	.3723	556.1	.2632-04
6	1450.0	436.00	321.00	.2943-02	.3501-02	.3868-02	54.61	.1607	.3727	556.8	.6396-04
6	1450.0	468.20	322.00	.6992-02	.8319-02	.9191-02	54.59	.3817	.3728	557.0	.1520-03
6	1450.0	511.10	323.00	.3445-02	.4097-02	.4526-02	54.64	.1882	.3723	556.1	.7485-04
6	1500.0	437.00	327.00	.1944-02	.2311-02	.2552-02	54.79	.1065	.3706	553.7	.4222-04

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 OMS POD

(R30S18)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.950	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R= 900
6	1500.0	532.30	331.00	.3408-02	.4052-02	.4475-02	54.78	.1867	.3708	553.9	.7404-04
6	1525.0	424.00	332.00	.4440-02	.5278-02	.5828-02	54.83	.2434	.3702	553.1	.9643-04
6	1525.0	431.00	333.00	.3356-02	.3992-02	.4408-02	54.82	.1841	.3703	553.2	.7294-04
6	1525.0	440.00	334.00	.4578-02	.5442-02	.6009-02	54.82	.2509	.3704	553.3	.9942-04
6	1525.0	493.00	335.00	.4787-02	.5690-02	.6284-02	54.81	.2624	.3704	553.4	.1040-03

VERT TAIL

PARAMETRIC DATA

MACH = 5.300 ALPHA = 20.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
134	20.00	-3.000	5.300	3.571	372.1	1520.	374.8	.4840	236.0	.1721-03	3991.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
134	.0000	.3123

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
134	.10000+00	.10000+00	340.00	.3619-01	.4303-01	.4751-01	73.58	2.663	.3704	578.6	.6071-03
134	.10000+00	.30000	341.00	.1470-01	.1747-01	.1928-01	73.86	1.086	.3681	575.0	.2465-03
134	.10000+00	.50000	342.00	.2815-01	.3342-01	.3687-01	74.13	2.087	.3658	571.5	.4717-03
134	.20000	.10000+00	343.00	.1678-01	.1998-01	.2208-01	72.99	1.225	.3752	586.2	.2818-03
134	.20000	.20000	344.00	.1288-01	.1532-01	.1692-01	73.36	.9447	.3722	581.4	.2161-03
134	.20000	.40000	345.00	.2637-01	.3133-01	.3459-01	73.74	1.944	.3691	576.5	.4422-03
134	.30000	.50000-01	348.00	.2922-01	.3482-01	.3850-01	72.74	2.126	.3773	589.4	.4911-03
134	.30000	.20000	349.00	.1959-01	.2330-01	.2573-01	73.39	1.437	.3719	581.0	.3287-03
134	.30000	.40000	350.00	.2731-01	.3245-01	.3582-01	73.76	2.014	.3689	576.3	.4580-03
134	.30000	.50000	351.00	.3169-01	.3765-01	.4156-01	73.82	2.339	.3684	575.5	.5314-03
134	.30000	.90000	352.00	.1769-01	.2101-01	.2318-01	74.03	1.310	.3667	572.8	.2965-03
134	.40000	.20000	354.00	.2602-01	.3092-01	.3414-01	73.65	1.916	.3698	577.7	.4364-03
134	.40000	.50000	356.00	.2682-01	.3184-01	.3513-01	74.18	1.990	.3654	570.9	.4495-03
134	.40000	.70000	357.00	.1932-01	.2293-01	.2528-01	74.34	1.436	.3641	568.8	.3236-03
134	.40000	.90000	358.00	.2158-01	.2564-01	.2830-01	73.87	1.594	.3680	574.9	.3618-03
134	.50000	.50000-01	359.00	.1021	.1215	.1343	73.02	7.454	.3750	585.8	.1714-02
134	.50000	.70000	360.00	.1478-01	.1754-01	.1935-01	74.39	1.100	.3638	568.3	.2476-03
134	.50000	.90000	361.00	.1858-01	.2207-01	.2437-01	73.84	1.372	.3682	575.2	.3115-03
134	.60000	.50000-01	362.00	.1579	.1879	.2076	73.17	11.55	.3737	583.8	.2650-02
134	.60000	.10000+00	363.00	.1135	.1350	.1491	73.33	8.322	.3725	581.8	.1905-02
134	.60000	.20000	364.00	.7591-01	.9021-01	.9959-01	73.72	5.596	.3693	576.8	.1273-02

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 VERTICAL TAIL

(R3QT01)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
134	.60000	.40000	365.00	.6881-01	.8167-01	.9008-01	74.25	5.109	.3649	570.0	.1153-02
134	.60000	.50000	366.00	.5940-01	.7047-01	.7771-01	74.44	4.422	.3633	567.5	.9948-03
134	.60000	.70000	367.00	.1979-01	.2349-01	.2590-01	74.30	1.470	.3644	569.3	.3315-03
134	.70000	.50000-01	369.00	.1624	.1932	.2135	73.25	11.90	.3731	582.8	.2727-02
134	.70000	.70000	370.00	.2196-01	.2607-01	.2877-01	74.10	1.627	.3661	571.9	.3680-03
134	.70000	.90000	371.00	.1788-01	.2125-01	.2346-01	73.64	1.316	.3699	577.8	.2999-03
134	.80000	.10000+00	373.00	.1144	.1360	.1503	73.31	8.383	.3726	582.1	.1919-02
134	.80000	.40000	374.00	.5105-01	.6055-01	.6695-01	73.84	3.770	.3683	575.3	.8560-03
134	.80000	.50000	375.00	.4171-01	.4954-01	.5468-01	73.92	3.083	.3676	574.3	.6992-03
134	.80000	.70000	376.00	.1982-01	.2355-01	.2593-01	73.80	1.462	.3686	575.8	.3323-03
134	.80000	.90000	377.00	.1613-01	.1918-01	.2118-01	73.49	1.185	.3711	579.7	.2706-03
134	.90000	.30000	379.00	.5163-01	.6140-01	.6783-01	73.39	3.789	.3719	581.0	.8664-03
134	.90000	.70000	381.00	.2156-01	.2564-01	.2832-01	73.42	1.583	.3717	580.7	.3617-03
134	.90000	.90000	382.00	.1990-01	.2370-01	.2619-01	72.97	1.452	.3754	586.4	.3343-03
134	.95000	.30000	383.00	.5058-01	.6018-01	.6648-01	73.25	3.705	.3730	582.8	.8490-03
134	.95000	.50000	384.00	.3990-01	.4733-01	.5228-01	73.44	2.923	.3716	580.4	.6678-03
134	.95000	.90000	385.00	.1854-01	.2208-01	.2441-01	72.87	1.351	.3762	587.7	.3115-03

OH84C 60-0 VERTICAL TAIL (R3QT02)

VERT TAIL

PARAMETRIC DATA

MACH = 5.300 ALPHA = 25.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
133	25.00	-3.000	5.300	3.549	377.2	1539.	379.8	.4900	239.2	.1719-03	4017.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
133	.0000	.3146

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
133	.10000+00	.10000+00	340.00	.3292-01	.3898-01	.4292-01	76.86	2.531	.3560	563.5	.5513-03
133	.10000+00	.30000	341.00	.2711-01	.3207-01	.3531-01	77.12	2.091	.3539	560.2	.4537-03
133	.10000+00	.50000	342.00	.2034-01	.2406-01	.2647-01	77.32	1.573	.3523	557.7	.3403-03
133	.20000	.10000+00	343.00	.2479-01	.2938-01	.3237-01	76.43	1.895	.3595	569.0	.4154-03
133	.20000	.20000	344.00	.1508-01	.1785-01	.1966-01	76.77	1.157	.3568	564.7	.2525-03
133	.20000	.40000	345.00	.2523-01	.2995-01	.3287-01	77.02	1.943	.3548	561.6	.4223-03
133	.30000	.50000-01	348.00	.4488-01	.5321-01	.5865-01	76.24	3.422	.3611	571.5	.7523-03
133	.30000	.20000	349.00	.2320-01	.2747-01	.3025-01	76.83	1.782	.3563	564.0	.3885-03
133	.30000	.40000	350.00	.2753-01	.3257-01	.3586-01	77.07	2.121	.3544	560.9	.4607-03
133	.30000	.50000	351.00	.2732-01	.3233-01	.3559-01	77.11	2.107	.3540	560.3	.4573-03
133	.30000	.90000	352.00	.1029-01	.1217-01	.1340-01	77.31	.7958	.3524	557.8	.1722-03
133	.40000	.20000	354.00	.3138-01	.3713-01	.4088-01	77.04	2.417	.3546	561.3	.5252-03
133	.40000	.50000	356.00	.2951-01	.3489-01	.3839-01	77.43	2.285	.3514	556.3	.4936-03
133	.40000	.70000	357.00	.1769-01	.2090-01	.2293-01	77.58	1.372	.3503	554.5	.2968-03
133	.40000	.90000	358.00	.1432-01	.1694-01	.1854-01	77.17	1.105	.3536	559.7	.2396-03
133	.50000	.50000-01	359.00	.6376-01	.7556-01	.8325-01	76.46	4.875	.3593	568.7	.1068-02
133	.50000	.70000	360.00	.1715-01	.2027-01	.2230-01	77.60	1.331	.3501	554.1	.2869-03
133	.50000	.90000	361.00	.1662-01	.1966-01	.2164-01	77.15	1.282	.3537	559.9	.2781-03
133	.60000	.50000-01	362.00	.6865-01	.8133-01	.8960-01	76.56	5.256	.3585	567.4	.1150-02
133	.60000	.10000+00	363.00	.5465-01	.6471-01	.7128-01	76.72	4.193	.3572	565.3	.9152-03
133	.60000	.20000	364.00	.4633-01	.5482-01	.6035-01	77.09	3.572	.3542	560.7	.7755-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 VERTICAL TAIL

(R3QT02)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
133	.60000	.40000	365.00	.4290-01	.5070-01	.5578-01	77.56	3.327	.3504	554.6	.7174-03
133	.60000	.50000	366.00	.3777-01	.4462-01	.4908-01	77.74	2.936	.3490	552.3	.6314-03
133	.60000	.70000	367.00	.1787-01	.2111-01	.2323-01	77.60	1.386	.3501	554.1	.2988-03
133	.70000	.50000-01	369.00	.9595-01	.1137	.1252	76.64	7.354	.3579	566.4	.1607-02
133	.70000	.70000	370.00	.2042-01	.2414-01	.2656-01	77.48	1.582	.3511	555.7	.3416-03
133	.70000	.90000	371.00	.1791-01	.2119-01	.2333-01	77.06	1.380	.3545	561.1	.2998-03
133	.80000	.10000+00	373.00	.1119	.1325	.1460	76.71	8.585	.3573	565.5	.1874-02
133	.80000	.40000	374.00	.7467-01	.8831-01	.9718-01	77.29	5.771	.3526	558.1	.1249-02
133	.80000	.50000	375.00	.6290-01	.7437-01	.8183-01	77.38	4.867	.3519	556.9	.1052-02
133	.80000	.70000	376.00	.2576-01	.3047-01	.3353-01	77.25	1.990	.3529	558.6	.4310-03
133	.80000	.90000	377.00	.2202-01	.2607-01	.2870-01	76.95	1.695	.3553	562.4	.3687-03
133	.90000	.30000	379.00	.5688-01	.6732-01	.7412-01	76.94	4.376	.3554	562.5	.9522-03
133	.90000	.70000	381.00	.2401-01	.2841-01	.3128-01	77.06	1.850	.3545	561.0	.4019-03
133	.90000	.90000	382.00	.2071-01	.2453-01	.2702-01	76.63	1.587	.3579	566.5	.3469-03
133	.95000	.30000	383.00	.4870-01	.5765-01	.6349-01	76.85	3.742	.3561	563.7	.8154-03
133	.95000	.50000	384.00	.5468-01	.6470-01	.7122-01	77.08	4.215	.3543	560.7	.9152-03
133	.95000	.90000	385.00	.2516-01	.2981-01	.3285-01	76.52	1.926	.3588	567.8	.4216-03

OH84C 60-0 VERTICAL TAIL (R3QT03)

VERT TAIL

PARAMETRIC DATA

MACH = 5.300 ALPHA = 30.00 BETA = -3.000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
132	30.00	-3.000	5.300	3.700	372.6	1489.	366.6	.4857	230.8	.1766-03	3947.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
132	.0000	.3122

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
132	.10000+00	.10000+00	340.00	.3092-01	.3669-01	.4046-01	72.75	2.249	.3638	555.9	.5104-03
132	.10000+00	.30000	341.00	.4372-01	.5184-01	.5715-01	72.99	3.191	.3618	552.7	.7213-03
132	.10000+00	.50000	342.00	.2365-01	.2803-01	.3089-01	73.20	1.731	.3600	550.0	.3900-03
132	.20000	.10000+00	343.00	.4205-01	.4986-01	.5514-01	72.24	3.038	.3681	562.3	.6948-03
132	.20000	.20000	344.00	.2715-01	.3223-01	.3555-01	72.58	1.971	.3653	558.0	.4484-03
132	.20000	.40000	345.00	.1806-01	.2142-01	.2362-01	72.82	1.315	.3632	554.9	.2980-03
132	.30000	.50000-01	348.00	.6120-01	.7275-01	.8033-01	71.99	4.406	.3702	565.5	.1012-02
132	.30000	.20000	349.00	.3024-01	.3590-01	.3960-01	72.59	2.195	.3652	557.9	.4994-03
132	.30000	.40000	350.00	.2325-01	.2758-01	.3042-01	72.82	1.693	.3632	554.8	.3838-03
132	.30000	.50000	351.00	.2113-01	.2507-01	.2764-01	72.87	1.540	.3628	554.2	.3488-03
132	.30000	.90000	352.00	.5452-02	.6464-02	.7125-02	73.06	.3983	.3612	551.8	.8995-04
132	.40000	.20000	354.00	.3438-01	.4079-01	.4498-01	72.80	2.503	.3634	555.1	.5675-03
132	.40000	.50000	356.00	.2662-01	.3155-01	.3477-01	73.17	1.948	.3603	550.4	.4391-03
132	.40000	.70000	357.00	.1229-01	.1456-01	.1604-01	73.31	.9009	.3591	548.6	.2027-03
132	.40000	.90000	358.00	.8352-02	.9906-02	.1092-01	72.90	.6089	.3625	553.8	.1378-03
132	.50000	.50000-01	359.00	.6274-01	.7454-01	.8228-01	72.18	4.528	.3686	563.1	.1037-02
132	.50000	.70000	360.00	.1374-01	.1627-01	.1793-01	73.36	1.008	.3587	548.0	.2265-03
132	.50000	.90000	361.00	.1175-01	.1394-01	.1537-01	72.86	.8561	.3629	554.4	.1939-03
132	.60000	.50000-01	362.00	.5944-01	.7061-01	.7793-01	72.27	4.296	.3679	562.0	.9821-03
132	.60000	.10000+00	363.00	.4507-01	.5352-01	.5906-01	72.43	3.265	.3665	559.9	.7445-03
132	.60000	.20000	364.00	.4129-01	.4897-01	.5401-01	72.78	3.004	.3635	555.3	.6814-03

OH84C 60-0 VERTICAL TAIL (R3Q103)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
132	.60000	.40000	365.00	.3900-01	.4622-01	.5093-01	73.25	2.857	.3596	549.3	.6432-03
132	.60000	.50000	366.00	.3286-01	.3892-01	.4289-01	73.43	2.413	.3581	547.0	.5417-03
132	.60000	.70000	367.00	.1541-01	.1826-01	.2012-01	73.29	1.130	.3592	548.8	.2542-03
132	.70000	.50000-01	368.00	.5441-01	.6463-01	.7133-01	72.32	3.935	.3674	561.3	.8990-03
132	.70000	.70000	370.00	.1602-01	.1899-01	.2093-01	73.15	1.172	.3605	550.7	.2643-03
132	.70000	.90000	371.00	.1284-01	.1523-01	.1680-01	72.73	.9336	.3640	556.1	.2119-03
132	.80000	.10000+00	373.00	.5560-01	.6603-01	.7286-01	72.37	4.023	.3670	560.7	.9184-03
132	.80000	.40000	374.00	.4460-01	.5289-01	.5831-01	72.94	3.253	.3622	553.3	.7359-03
132	.80000	.50000	375.00	.3622-01	.4295-01	.4735-01	73.02	2.645	.3615	552.3	.5977-03
132	.80000	.70000	376.00	.1820-01	.2159-01	.2390-01	72.91	1.327	.3624	553.7	.3004-03
132	.80000	.90000	377.00	.1537-01	.1824-01	.2012-01	72.61	1.116	.3649	557.5	.2538-03
132	.90000	.10000+00	378.00	.3796-01	.4501-01	.4961-01	73.04	2.773	.3514	552.1	.6263-03
132	.90000	.30000	379.00	.5072-01	.6020-01	.6641-01	72.59	3.682	.3652	557.9	.8375-03
132	.90000	.70000	381.00	.1669-01	.1981-01	.2185-01	72.65	1.212	.3646	557.1	.2756-03
132	.90000	.90000	382.00	.1586-01	.1884-01	.2080-01	72.24	1.146	.3681	562.3	.2621-03
132	.95000	.30000	383.00	.5474-01	.6500-01	.7172-01	72.45	3.966	.3664	559.7	.9042-03
132	.95000	.50000	384.00	.4762-01	.5651-01	.6233-01	72.67	3.460	.3645	556.9	.7862-03
132	.95000	.90000	385.00	.2051-01	.2438-01	.2691-01	72.14	1.480	.3690	563.7	.3390-03

VERT TAIL

PARAMETRIC DATA

MACH = 5.300 ALPHA = 30.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
125	30.00	.0000	5.300	3.917	377.3	1448.	356.0	.4932	224.2	.1846-03	3890.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
125	.0000	.3137

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
125	.10000+00	.10000+00	340.00	.3480-01	.4150-01	.4582-01	69.10	2.405	.3805	564.5	.5628-03
125	.10000+00	.30000	341.00	.4011-01	.4778-01	.5283-01	69.53	2.789	.3769	559.1	.6482-03
125	.10000+00	.50000	342.00	.2509-01	.2987-01	.3302-01	69.67	1.748	.3756	557.3	.4052-03
125	.20000	.10000+00	343.00	.3023-01	.3608-01	.3995-01	68.75	2.078	.3835	569.0	.4893-03
125	.20000	.20000	344.00	.3177-01	.3788-01	.4191-01	69.11	2.195	.3805	564.5	.5137-03
125	.20000	.40000	345.00	.1926-01	.2295-01	.2538-01	69.38	1.336	.3781	560.9	.3113-03
125	.30000	.50000-01	348.00	.5639-01	.6736-01	.7461-01	68.49	3.862	.3858	572.4	.9132-03
125	.30000	.20000	349.00	.3026-01	.3608-01	.3992-01	69.09	2.090	.3806	564.7	.4893-03
125	.30000	.40000	350.00	.1831-01	.2182-01	.2414-01	69.34	1.270	.3785	561.5	.2960-03
125	.30000	.50000	351.00	.1490-01	.1776-01	.1964-01	69.38	1.034	.3781	561.0	.2408-03
125	.30000	.90000	352.00	.5616-02	.6692-02	.7400-02	69.42	.3899	.3778	560.5	.9077-04
125	.40000	.20000	354.00	.3416-01	.4073-01	.4506-01	69.14	2.362	.3802	564.0	.5524-03
125	.40000	.50000	356.00	.2081-01	.2478-01	.2739-01	69.65	1.449	.3757	557.4	.3361-03
125	.40000	.70000	357.00	.5752-02	.6848-02	.7569-02	69.73	.4011	.3751	556.4	.9290-04
125	.40000	.90000	358.00	.3433-02	.4092-02	.4527-02	69.25	.2377	.3792	562.6	.5550-04
125	.50000	.50000-01	359.00	.8268-01	.9871-01	.1093	68.66	5.677	.3843	570.2	.1338-02
125	.50000	.70000	360.00	.9556-02	.1138-01	.1257-01	69.78	.6668	.3747	555.9	.1543-03
125	.50000	.90000	361.00	.5994-02	.7145-02	.7904-02	69.25	.4151	.3792	562.6	.9690-04
125	.60000	.50000-01	362.00	.8987-01	.1073	.1188	68.71	6.175	.3839	569.5	.1455-02
125	.60000	.10000+00	363.00	.6543-01	.7807-01	.8642-01	68.88	4.507	.3824	567.4	.1059-02
125	.60000	.20000	364.00	.4833-01	.5761-01	.6373-01	69.23	3.346	.3794	562.9	.7813-03

OH84C 60-0 VERTICAL TAIL (R3QT04)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
125	.60000	.40000	365.00	.4314-01	.5137-01	.5678-01	69.70	3.007	.3753	556.8	.6969-03
125	.60000	.50000	366.00	.3620-01	.4308-01	.4760-01	69.88	2.530	.3738	554.5	.5844-03
125	.60000	.70000	367.00	.1376-01	.1638-01	.1811-01	69.71	.9594	.3752	556.7	.2223-03
125	.70000	.50000-01	369.00	.8663-01	.1034	.1145	68.77	5.958	.3834	568.8	.1402-02
125	.70000	.70000	370.00	.1761-01	.2098-01	.2320-01	69.53	1.225	.3768	559.0	.2846-03
125	.70000	.90000	371.00	.1305-01	.1556-01	.1721-01	69.10	.9014	.3806	564.6	.2110-03
125	.80000	.10000+00	373.00	.6753-01	.8060-01	.8934-01	68.77	4.645	.3833	568.7	.1093-02
125	.80000	.40000	374.00	.5042-01	.6009-01	.6647-01	69.31	3.494	.3787	561.9	.8150-03
125	.80000	.50000	375.00	.4425-01	.5272-01	.5831-01	69.40	3.070	.3780	560.8	.7151-03
125	.80000	.70000	376.00	.2065-01	.2462-01	.2723-01	69.25	1.430	.3792	562.6	.3339-03
125	.80000	.90000	377.00	.1728-01	.2062-01	.2282-01	68.95	1.192	.3818	566.5	.2796-03
125	.90000	.10000+00	378.00	.3328-01	.3953-01	.4382-01	69.55	2.314	.3767	558.9	.5376-03
125	.90000	.30000	379.00	.4434-01	.5289-01	.5854-01	68.95	3.057	.3818	566.5	.7173-03
125	.90000	.70000	381.00	.1521-01	.1814-01	.2008-01	69.00	1.049	.3814	565.8	.2460-03
125	.90000	.90000	382.00	.1540-01	.1839-01	.2037-01	68.59	1.057	.3849	571.1	.2494-03
125	.95000	.30000	383.00	.4490-01	.5358-01	.5931-01	68.85	3.092	.3826	567.7	.7265-03
125	.95000	.50000	384.00	.3504-01	.4179-01	.4624-01	69.08	2.420	.3807	564.8	.5667-03
125	.95000	.90000	385.00	.1961-01	.2342-01	.2594-01	68.53	1.344	.3854	571.8	.3176-03

OH84C 60-0 VERTICAL TAIL (R3QT05)

VERT TAIL

PARAMETRIC DATA

MACH = 5.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPOBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
124	25.00	.0000	5.300	3.916	377.2	1449.	356.0	.4932	224.2	.1846-03	3890.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
124	.0000	.3136

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
124	.10000+00	.10000+00	340.00	.5259-01	.6280-01	.6955-01	68.61	3.608	.3848	570.9	.8516-03
124	.10000+00	.30000	341.00	.4605-01	.5491-01	.6076-01	69.09	3.181	.3806	564.6	.7448-03
124	.10000+00	.50000	342.00	.3791-01	.4518-01	.4999-01	69.30	2.627	.3788	562.0	.6129-03
124	.20000	.10000+00	343.00	.5598-01	.6694-01	.7421-01	68.08	3.811	.3893	577.6	.9075-03
124	.20000	.20000	344.00	.4496-01	.5371-01	.5949-01	68.48	3.079	.3858	572.5	.7282-03
124	.20000	.40000	345.00	.3191-01	.3808-01	.4215-01	68.88	2.198	.3824	567.4	.5164-03
124	.30000	.50000-01	348.00	.8912-01	.1067	.1183	67.73	6.036	.3924	582.2	.1446-02
124	.30000	.20000	349.00	.5078-01	.6067-01	.6721-01	68.42	3.474	.3864	573.3	.8228-03
124	.30000	.40000	350.00	.2714-01	.3239-01	.3586-01	68.77	1.866	.3834	568.8	.4393-03
124	.30000	.50000	351.00	.2253-01	.2689-01	.2977-01	68.83	1.551	.3828	567.9	.3647-03
124	.30000	.90000	352.00	.5278-02	.6298-02	.6971-02	68.87	.3635	.3825	567.5	.8541-04
124	.40000	.20000	354.00	.4632-01	.5533-01	.6129-01	68.47	3.172	.3859	572.5	.7502-03
124	.40000	.50000	356.00	.2776-01	.3310-01	.3662-01	69.14	1.919	.3802	564.0	.4489-03
124	.40000	.70000	357.00	.1063-01	.1267-01	.1402-01	69.22	.7358	.3795	563.1	.1719-03
124	.40000	.90000	358.00	.6687-02	.7983-02	.8840-02	68.67	.4592	.3842	570.0	.1083-03
124	.50000	.50000-01	359.00	.1194	.1428	.1584	67.93	8.110	.3906	579.5	.1936-02
124	.50000	.70000	360.00	.1229-01	.1465-01	.1621-01	69.22	.8509	.3795	563.0	.1988-03
124	.50000	.90000	361.00	.1026-01	.1225-01	.1356-01	68.61	.7037	.3847	570.8	.1661-03
124	.60000	.50000-01	362.00	.1354	.1620	.1798	69.01	9.212	.3899	578.5	.2196-02
124	.60000	.10000+00	363.00	.9344-01	.1117	.1238	68.19	6.371	.3884	576.3	.1514-02
124	.60000	.20000	364.00	.5612-01	.6702-01	.7423-01	68.56	3.848	.3852	571.5	.9088-03

OH84C 60-0 VERTICAL TAIL (R3QT05)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
124	.60000	.40000	365.00	.3432-01	.4093-01	.4529-01	69.09	2.371	.3806	564.7	.5552-03
124	.60000	.50000	366.00	.2769-01	.3301-01	.3651-01	69.28	1.919	.3789	562.2	.4477-03
124	.60000	.70000	367.00	.1239-01	.1478-01	.1635-01	69.09	.8560	.3806	564.7	.2004-03
124	.70000	.50000-01	369.00	.1411	.1688	.1871	68.05	9.604	.3896	578.0	.2288-02
124	.70000	.70000	370.00	.1093-01	.1305-01	.1444-01	68.82	.7523	.3829	568.2	.1769-03
124	.70000	.90000	371.00	.9042-02	.1081-01	.1197-01	68.31	.6177	.3873	574.6	.1465-03
124	.80000	.10000+00	373.00	.9738-01	.1165	.1291	68.03	6.624	.3898	578.3	.1579-02
124	.80000	.40000	374.00	.6274-01	.7493-01	.8300-01	68.51	4.298	.3856	572.1	.1016-02
124	.80000	.50000	375.00	.4604-01	.5498-01	.6089-01	68.58	3.158	.3850	571.2	.7455-03
124	.80000	.70000	376.00	.1715-01	.2049-01	.2270-01	68.39	1.173	.3866	573.6	.2779-03
124	.80000	.90000	377.00	.1358-01	.1624-01	.1801-01	68.07	.9246	.3894	577.8	.2202-03
124	.90000	.10000+00	378.00	.4471-01	.5330-01	.5896-01	69.25	3.096	.3792	562.7	.7230-03
124	.90000	.30000	379.00	.6709-01	.8025-01	.8898-01	67.94	4.558	.3905	579.3	.1088-02
124	.90000	.70000	381.00	.1511-01	.1807-01	.2003-01	68.01	1.028	.3899	578.5	.2449-03
124	.90000	.90000	382.00	.1637-01	.1960-01	.2175-01	67.55	1.106	.3939	584.4	.2656-03
124	.95000	.30000	383.00	.5533-01	.6619-01	.7340-01	67.93	3.758	.3906	579.6	.8973-03
124	.95000	.50000	384.00	.5372-01	.6424-01	.7121-01	68.09	3.658	.3892	577.5	.8709-03
124	.95000	.90000	385.00	.2076-01	.2487-01	.2760-01	67.48	1.401	.3945	585.3	.3370-03

VERT TAIL

PARAMETRIC DATA

MACH = 5.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = .0000 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
1	20.00	.0000	5.300	3.608	377.3	1524.	375.7	.4907	236.6	.1740-03	3996.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
1	.0000	.3145

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
1	.10000+00	.10000+00	340.00	.4635-01	.5496-01	.6059-01	75.31	3.490	.3620	566.9	.7717-03
1	.10000+00	.30000	341.00	.3529-01	.4180-01	.4606-01	75.76	2.673	.3584	561.2	.5871-03
1	.10000+00	.50000	342.00	.3621-01	.4287-01	.4722-01	75.97	2.751	.3566	558.4	.6022-03
1	.20000	.10000+00	343.00	.3412-01	.4048-01	.4465-01	75.04	2.560	.3642	570.3	.5684-03
1	.20000	.20000	344.00	.2628-01	.3116-01	.3434-01	75.41	1.982	.3612	565.6	.4375-03
1	.20000	.40000	345.00	.3822-01	.4529-01	.4990-01	75.67	2.892	.3591	562.3	.6360-03
1	.30000	.50000-01	348.00	.8649-01	.1027	.1133	74.82	6.471	.3660	573.1	.1441-02
1	.30000	.20000	349.00	.2274-01	.2695-01	.2971-01	75.44	1.715	.3610	565.3	.3785-03
1	.30000	.40000	350.00	.2064-01	.2446-01	.2695-01	75.67	1.562	.3591	562.3	.3435-03
1	.30000	.50000	351.00	.2453-01	.2907-01	.3203-01	75.70	1.857	.3588	561.9	.4082-03
1	.30000	.90000	352.00	.4483-02	.5310-02	.5849-02	75.84	.3400	.3577	560.1	.7458-04
1	.40000	.20000	354.00	.3875-01	.4592-01	.5060-01	75.63	2.931	.3594	562.8	.6449-03
1	.40000	.50000	356.00	.2930-01	.3469-01	.3820-01	75.98	2.226	.3566	558.4	.4873-03
1	.40000	.70000	357.00	.6300-02	.7458-02	.8212-02	76.08	.4793	.3557	557.1	.1048-03
1	.40000	.90000	358.00	.3580-02	.4242-02	.4674-02	75.66	.2709	.3591	562.4	.5957-04
1	.50000	.50000-01	359.00	.1146	.1360	.1501	74.98	8.595	.3647	571.1	.1910-02
1	.50000	.70000	360.00	.1193-01	.1412-01	.1554-01	76.08	.9073	.3558	557.1	.1983-03
1	.50000	.90000	361.00	.9026-02	.1070-01	.1179-01	75.61	.6825	.3595	563.0	.1502-03
1	.60000	.50000-01	362.00	.1111	.1318	.1454	75.06	8.338	.3640	570.1	.1851-02
1	.60000	.10000+00	363.00	.6930-01	.8220-01	.9063-01	75.21	5.212	.3628	568.1	.1154-02
1	.60000	.20000	364.00	.3363-01	.3986-01	.4392-01	75.57	2.541	.3599	563.6	.5597-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 VERTICAL TAIL

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
1	.60000	.40000	365.00	.4480-01	.5304-01	.5841-01	76.03	3.406	.3562	557.7	.7451-03
1	.60000	.50000	366.00	.4918-01	.5820-01	.6407-01	76.22	3.748	.3546	555.3	.8175-03
1	.60000	.70000	367.00	.1843-01	.2182-01	.2402-01	76.10	1.403	.3556	556.8	.3065-03
1	.70000	.50000-01	369.00	.1103	.1309	.1444	75.08	8.284	.3639	569.8	.1838-02
1	.70000	.70000	370.00	.2258-01	.2674-01	.2945-01	75.97	1.716	.3566	558.4	.3756-03
1	.70000	.90000	371.00	.1624-01	.1925-01	.2122-01	75.53	1.227	.3602	564.0	.2704-03
1	.80000	.10000+00	373.00	.8192-01	.9719-01	.1072	75.16	6.157	.3632	568.8	.1364-02
1	.80000	.40000	374.00	.1870-01	.2215-01	.2440-01	75.74	1.416	.3585	561.3	.3111-03
1	.80000	.50000	375.00	.1460-01	.1729-01	.1905-01	75.84	1.108	.3577	560.1	.2429-03
1	.80000	.70000	376.00	.1417-01	.1679-01	.1850-01	75.66	1.072	.3591	562.3	.2358-03
1	.80000	.90000	377.00	.1402-01	.1662-01	.1833-01	75.32	1.056	.3619	566.8	.2334-03
1	.90000	.10000+00	378.00	.3044-01	.3603-01	.3967-01	76.15	2.318	.3552	556.2	.5062-03
1	.90000	.30000	379.00	.3341-01	.3961-01	.4367-01	75.32	2.516	.3619	566.7	.5562-03
1	.90000	.70000	381.00	.7037-02	.8340-02	.9191-02	75.55	.5317	.3600	563.8	.1171-03
1	.90000	.90000	382.00	.8124-02	.9639-02	.1063-01	75.10	.6101	.3637	569.5	.1353-03
1	.95000	.30000	383.00	.3830-01	.4541-01	.5006-01	75.35	2.886	.3617	566.4	.6377-03
1	.95000	.50000	384.00	.2435-01	.2886-01	.3180-01	75.58	1.841	.3598	563.4	.4053-03
1	.95000	.90000	385.00	.1108-01	.1315-01	.1451-01	75.02	.8316	.3643	570.5	.1847-03

OH84C 60-0 VERTICAL TAIL (R3QT07)

VERT TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
12	20.00	.0000	7.300	.9991	236.9	1510.	372.1	.4251-01	133.0	.2682-04	4127.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
12	.0000	.1274

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
12	.10000+00	.10000+00	340.00	.3568-01	.4237-01	.4676-01	29.96	1.069	.3672	569.4	.1514-02
12	.10000+00	.30000	341.00	.1583-01	.1880-01	.2074-01	30.02	.4753	.3661	567.7	.6719-03
12	.10000+00	.50000	342.00	.1254-01	.1488-01	.1642-01	30.07	.3770	.3651	566.2	.5320-03
12	.20000	.10000+00	343.00	.3232-01	.3840-01	.4238-01	29.90	.9664	.3684	571.3	.1372-02
12	.20000	.20000	344.00	.2376-01	.2822-01	.3114-01	29.95	.7114	.3676	570.0	.1008-02
12	.20000	.40000	345.00	.1123-01	.1333-01	.1471-01	30.01	.3370	.3662	567.9	.4765-03
12	.30000	.50000-01	348.00	.5225-01	.6208-01	.6853-01	29.88	1.562	.3687	571.8	.2218-02
12	.30000	.20000	349.00	.2306-01	.2739-01	.3022-01	29.96	.6908	.3673	569.5	.9787-03
12	.30000	.50000	351.00	.6181-02	.7338-02	.8095-02	30.03	.1856	.3658	567.2	.2623-03
12	.30000	.90000	352.00	.4920-01	.5839-01	.6441-01	30.08	1.480	.3649	565.8	.2087-02
12	.40000	.20000	354.00	.1852-01	.2199-01	.2426-01	30.01	.5558	.3663	568.1	.7860-03
12	.40000	.50000	356.00	.4246-02	.5037-02	.5555-02	30.13	.1279	.3638	564.1	.1801-03
12	.40000	.70000	357.00	.8829-02	.1047-01	.1155-01	30.15	.2662	.3634	563.5	.3744-03
12	.40000	.90000	358.00	.3669-01	.4354-01	.4803-01	30.09	1.104	.3646	565.4	.1556-02
12	.50000	.50000-01	359.00	.6408-01	.7609-01	.8395-01	30.00	1.922	.3664	568.2	.2709-02
12	.50000	.70000	360.00	.1756-01	.2083-01	.2297-01	30.19	.5303	.3625	562.2	.7447-03
12	.50000	.90000	361.00	.3698-01	.4388-01	.4840-01	30.12	1.114	.3640	564.4	.1569-02
12	.60000	.50000-01	362.00	.9917-01	.1177	.1299	30.04	2.979	.3657	567.0	.4208-02
12	.60000	.10000+00	363.00	.6287-01	.7463-01	.8233-01	30.06	1.890	.3653	566.5	.2667-02
12	.60000	.20000	364.00	.3471-01	.4119-01	.4543-01	30.09	1.044	.3646	565.4	.1472-02
12	.60000	.40000	365.00	.2213-01	.2625-01	.2894-01	30.20	.6683	.3625	562.1	.9383-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 VERTICAL TAIL

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
12	.60000	.50000	366.00	.1174-01	.1392-01	.1534-01	30.23	.3548	.3618	561.0	.4975-03
12	.60000	.70000	367.00	.2905-01	.3446-01	.3800-01	30.19	.8770	.3627	562.4	.1232-02
12	.70000	.50000-01	369.00	.9590-01	.1138	.1256	30.07	2.884	.3650	566.0	.4069-02
12	.70000	.70000	370.00	.8911-01	.1057	.1166	30.17	2.689	.3630	562.9	.3779-02
12	.70000	.90000	371.00	.5341-01	.6335-01	.6988-01	30.14	1.610	.3637	563.9	.2265-02

VERT TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
14	20.00	.0000	7.300	1.974	468.5	1510.	372.2	.8405-01	133.1	.5301-04	4127.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
14	.0000	.1792

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
14	.10000+00	.10000+00	340.00	.3717-01	.4397-01	.4840-01	43.09	1.602	.3537	548.7	.1119-02
14	.10000+00	.30000	341.00	.2386-01	.2822-01	.3105-01	43.19	1.031	.3522	546.4	.7181-03
14	.10000+00	.50000	342.00	.1942-01	.2296-01	.2526-01	43.27	.8404	.3511	544.6	.5844-03
14	.20000	.10000+00	343.00	.2960-01	.3503-01	.3855-01	43.06	1.275	.3540	549.2	.8912-03
14	.20000	.20000	344.00	.1969-01	.2329-01	.2564-01	43.13	.8493	.3531	547.7	.5927-03
14	.20000	.40000	345.00	.1331-01	.1574-01	.1732-01	43.23	.5754	.3517	545.5	.4005-03
14	.30000	.50000-01	348.00	.5454-01	.6454-01	.7105-01	43.04	2.348	.3543	549.6	.1642-02
14	.30000	.20000	349.00	.1895-01	.2242-01	.2467-01	43.17	.8183	.3525	546.8	.5704-03
14	.30000	.50000	351.00	.1093-01	.1292-01	.1421-01	43.29	.4730	.3508	544.1	.3287-03
14	.30000	.90000	352.00	.4333-01	.5120-01	.5631-01	43.38	1.880	.3495	542.1	.1303-02
14	.40000	.20000	354.00	.1852-01	.2190-01	.2410-01	43.22	.8005	.3518	545.7	.5573-03
14	.40000	.50000	356.00	.5217-02	.6164-02	.6780-02	43.40	.2264	.3492	541.7	.1569-03
14	.40000	.70000	357.00	.8244-02	.9739-02	.1071-01	43.44	.3581	.3487	540.9	.2479-03
14	.40000	.90000	358.00	.2647-01	.3128-01	.3440-01	43.39	1.149	.3493	541.8	.7960-03
14	.50000	.50000-01	359.00	.6765-01	.7999-01	.8802-01	43.21	2.923	.3520	546.0	.2036-02
14	.50000	.70000	360.00	.9817-02	.1160-01	.1276-01	43.40	.4260	.3492	541.8	.2952-03
14	.50000	.90000	361.00	.3521-01	.4161-01	.4576-01	43.41	1.529	.3490	541.5	.1059-02
14	.60000	.50000-01	362.00	.8320-01	.9835-01	.1082	43.28	3.601	.3509	544.3	.2503-02
14	.60000	.10000+00	363.00	.4627-01	.5469-01	.6017-01	43.31	2.004	.3505	543.8	.1392-02
14	.60000	.20000	364.00	.2795-01	.3303-01	.3633-01	43.36	1.212	.3498	542.6	.8405-03
14	.60000	.40000	365.00	.2593-01	.3063-01	.3368-01	43.47	1.127	.3482	540.2	.7796-03

OH84C 60-0 VERTICAL TAIL (R3QT08)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
14	.60000	.50000	366.00	.1413-01	.1669-01	.1835-01	43.52	.6150	.3474	539.0	.4248-03
14	.60000	.70000	367.00	.3706-01	.4377-01	.4813-01	43.47	1.611	.3481	540.1	.1114-02
14	.70000	.50000-01	369.00	.9008-01	.1065	.1171	43.32	3.903	.3503	543.4	.2710-02
14	.70000	.70000	370.00	.6465-01	.7636-01	.8396-01	43.48	2.811	.3480	539.8	.1944-02
14	.70000	.90000	371.00	.6648-01	.7853-01	.8636-01	43.44	2.880	.3486	540.7	.1999-02

VERT TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
15	20.00	.0000	7.300	2.914	702.8	1525.	376.0	.1260	134.4	.7864-04	4148.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
15	.0000	.2196

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
15	.10000+00	.10000+00	340.00	.3191-01	.3773-01	.4153-01	53.44	1.705	.3524	552.2	.7889-03
15	.10000+00	.30000	341.00	.2058-01	.2433-01	.2676-01	53.57	1.103	.3508	549.8	.5087-03
15	.10000+00	.50000	342.00	.1729-01	.2044-01	.2248-01	53.66	.9281	.3498	548.2	.4274-03
15	.20000	.10000+00	343.00	.3065-01	.3625-01	.3990-01	53.38	1.636	.3531	553.3	.7579-03
15	.20000	.20000	344.00	.2103-01	.2487-01	.2737-01	53.48	1.125	.3519	551.5	.5200-03
15	.20000	.40000	345.00	.1689-01	.1996-01	.2196-01	53.60	.9050	.3505	549.3	.4173-03
15	.30000	.50000-01	348.00	.4818-01	.5700-01	.6274-01	53.33	2.569	.3536	554.1	.1192-02
15	.30000	.20000	349.00	.1181-01	.1396-01	.1536-01	53.51	.6319	.3516	550.9	.2919-03
15	.30000	.40000	350.00	.1970-01	.2328-01	.2561-01	53.64	1.057	.3501	548.6	.4869-03
15	.30000	.50000	351.00	.1950-01	.2304-01	.2534-01	53.67	1.046	.3497	548.0	.4818-03
15	.30000	.90000	352.00	.3103-01	.3666-01	.4031-01	53.76	1.668	.3486	546.4	.7666-03
15	.40000	.20000	354.00	.1615-01	.1910-01	.2101-01	53.56	.8651	.3510	550.0	.3993-03
15	.40000	.50000	356.00	.9003-02	.1063-01	.1170-01	53.78	.4842	.3484	546.0	.2224-03
15	.40000	.70000	357.00	.2364-01	.2792-01	.3070-01	53.83	1.273	.3478	545.1	.5839-03
15	.40000	.90000	358.00	.4126-01	.4874-01	.5360-01	53.78	2.219	.3485	546.1	.1019-02
15	.50000	.50000-01	359.00	.9244-01	.1093	.1203	53.49	4.945	.3517	551.2	.2285-02
15	.50000	.70000	360.00	.3084-01	.3644-01	.4008-01	53.70	1.656	.3494	547.5	.7620-03
15	.50000	.90000	361.00	.4811-01	.5683-01	.6249-01	53.79	2.588	.3483	545.8	.1188-02
15	.60000	.50000-01	362.00	.8286-01	.9794-01	.1077	53.59	4.440	.3507	549.5	.2048-02
15	.60000	.10000+00	363.00	.4734-01	.5595-01	.6154-01	53.62	2.538	.3502	548.8	.1170-02
15	.60000	.20000	364.00	.3493-01	.4127-01	.4540-01	53.70	1.876	.3494	547.5	.8631-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 VERTICAL TAIL

(R3QT09)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
15	.60000	.40000	365.00	.3725-01	.4399-01	.4837-01	53.84	2.005	.3477	544.9	.9200-03
15	.60000	.50000	366.00	.2643-01	.3121-01	.3431-01	53.90	1.425	.3470	543.7	.6527-03
15	.60000	.70000	367.00	.7726-01	.9124-01	.1003	53.86	4.151	.3475	544.6	.1908-02
15	.70000	.50000-01	369.00	.8590-01	.1015	.1117	53.63	4.607	.3502	548.8	.2123-02
15	.70000	.70000	370.00	.9294-01	.1098	.1207	53.86	5.006	.3475	544.5	.2295-02
15	.70000	.90000	371.00	.9629-01	.1137	.1251	53.81	5.181	.3481	545.5	.2379-02

OH84C 60-0 VERTICAL TAIL (R3QT10)

VERT TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
16	20.00	.0000	7.300	3.630	867.6	1517.	373.9	.1556	133.7	.9769-04	4137.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
16	.0000	.2439

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
16	.10000+00	.10000+00	340.00	.3095-01	.3662-01	.4031-01	58.88	1.822	.3540	551.6	.6866-03
16	.10000+00	.30000	341.00	.2080-01	.2459-01	.2706-01	59.04	1.228	.3523	548.9	.4611-03
16	.10000+00	.50000	342.00	.1805-01	.2134-01	.2348-01	59.13	1.067	.3513	547.4	.4001-03
16	.20000	.10000+00	343.00	.2923-01	.3459-01	.3808-01	58.85	1.720	.3543	552.1	.6485-03
16	.20000	.20000	344.00	.1853-01	.2191-01	.2412-01	58.96	1.092	.3531	550.2	.4109-03
16	.20000	.40000	345.00	.1759-01	.2078-01	.2287-01	59.09	1.039	.3518	548.2	.3897-03
16	.30000	.50000-01	348.00	.4866-01	.5759-01	.6340-01	58.81	2.862	.3547	552.7	.1080-02
16	.30000	.20000	349.00	.1155-01	.1366-01	.1503-01	59.01	.6815	.3527	549.5	.2561-03
16	.30000	.40000	350.00	.1956-01	.2312-01	.2544-01	59.15	1.157	.3512	547.2	.4336-03
16	.30000	.50000	351.00	.2511-01	.2969-01	.3266-01	59.18	1.486	.3509	546.7	.5567-03
16	.30000	.90000	352.00	.2925-01	.3457-01	.3803-01	59.28	1.734	.3498	545.0	.6483-03
16	.40000	.20000	354.00	.1617-01	.1912-01	.2104-01	59.06	.9551	.3521	548.7	.3586-03
16	.40000	.50000	356.00	.8032-02	.9491-02	.1044-01	59.30	.4763	.3495	544.7	.1780-03
16	.40000	.70000	357.00	.2780-01	.3284-01	.3611-01	59.37	1.650	.3488	543.5	.6159-03
16	.40000	.90000	358.00	.4189-01	.4951-01	.5445-01	59.30	2.484	.3496	544.7	.9284-03
16	.50000	.50000-01	359.00	.9156-01	.1083	.1192	59.00	5.402	.3528	549.7	.2030-02
16	.50000	.70000	360.00	.4602-01	.5436-01	.5978-01	59.40	2.733	.3486	543.2	.1020-02
16	.50000	.90000	361.00	.4853-01	.5734-01	.6307-01	59.31	2.878	.3495	544.5	.1075-02
16	.60000	.50000-01	362.00	.8035-01	.9501-01	.1045	59.09	4.748	.3518	548.2	.1782-02
16	.60000	.10000+00	363.00	.4673-01	.5525-01	.6079-01	59.12	2.763	.3515	547.7	.1036-02
16	.60000	.20000	364.00	.3117-01	.3685-01	.4054-01	59.21	1.846	.3506	546.3	.6910-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 VERTICAL TAIL

(R3QT10)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
16	.60000	.40000	365.00	.4078-01	.4817-01	.5298-01	59.37	2.421	.3489	543.6	.9035-03
16	.60000	.50000	366.00	.2901-01	.3427-01	.3768-01	59.46	1.725	.3479	542.1	.6427-03
16	.60000	.70000	367.00	.9054-01	.1070	.1176	59.40	5.378	.3485	543.1	.2006-02
16	.70000	.50000-01	369.00	.8317-01	.9832-01	.1082	59.13	4.918	.3513	547.5	.1844-02
16	.70000	.70000	370.00	.9037-01	.1067	.1174	59.41	5.369	.3484	542.9	.2002-02
16	.70000	.90000	371.00	.9737-01	.1151	.1265	59.34	5.778	.3491	544.1	.2158-02

VERT TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
11	25.00	.0000	7.300	1.001	236.4	1506.	371.1	.4242-01	132.7	.2683-04	4121.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
11	.0000	.1273

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
11	.10000+00	.10000+00	340.00	.3002-01	.3565-01	.3934-01	29.87	.8969	.3667	567.3	.1274-02
11	.10000+00	.30000	341.00	.1219-01	.1447-01	.1596-01	29.94	.3649	.3654	565.1	.5169-03
11	.10000+00	.50000	342.00	.1397-01	.1657-01	.1828-01	30.00	.4190	.3642	563.3	.5921-03
11	.20000	.10000+00	343.00	.3080-01	.3658-01	.4039-01	29.81	.9184	.3679	569.1	.1307-02
11	.20000	.20000	344.00	.1767-01	.2098-01	.2315-01	29.87	.5276	.3669	567.5	.7495-03
11	.20000	.40000	345.00	.7667-02	.9100-02	.1004-01	29.95	.2296	.3652	564.9	.3251-03
11	.30000	.50000-01	348.00	.4537-01	.5390-01	.5950-01	29.79	1.352	.3684	569.8	.1926-02
11	.30000	.20000	349.00	.1797-01	.2134-01	.2354-01	29.89	.5370	.3665	566.9	.7623-03
11	.30000	.50000	351.00	.6341-02	.7525-02	.8300-02	29.98	.1901	.3645	563.9	.2689-03
11	.30000	.90000	352.00	.2161-01	.2564-01	.2827-01	30.04	.6491	.3634	562.1	.9161-03
11	.40000	.20000	354.00	.1485-01	.1763-01	.1945-01	29.94	.4446	.3654	565.2	.6299-03
11	.40000	.50000	356.00	.6803-02	.8068-02	.8895-02	30.09	.2047	.3623	560.3	.2883-03
11	.40000	.70000	357.00	.2300-01	.2727-01	.3007-01	30.12	.6927	.3617	559.5	.9746-03
11	.40000	.90000	358.00	.3353-01	.3977-01	.4385-01	30.07	1.008	.3628	561.2	.1421-02
11	.50000	.50000-01	359.00	.3696-01	.4388-01	.4840-01	29.94	1.107	.3653	565.0	.1588-02
11	.50000	.70000	360.00	.2743-01	.3252-01	.3586-01	30.11	.8258	.3619	559.8	.1162-02
11	.50000	.90000	361.00	.3012-01	.3572-01	.3938-01	30.09	.9063	.3623	560.4	.1276-02
11	.60000	.50000-01	362.00	.2923-01	.3468-01	.3825-01	30.00	.8766	.3643	563.4	.1239-02
11	.60000	.10000+00	363.00	.2230-01	.2647-01	.2919-01	30.01	.6694	.3640	563.0	.9456-03
11	.60000	.20000	364.00	.1527-01	.1811-01	.1997-01	30.05	.4587	.3632	561.8	.6471-03
11	.60000	.40000	365.00	.1309-01	.1551-01	.1710-01	30.17	.3948	.3608	558.1	.5545-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 VERTICAL TAIL

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
11	.60000	.50000	366.00	.9283-02	.1100-01	.1212-01	30.20	.2804	.3600	556.9	.3932-03
11	.60000	.70000	367.00	.2667-01	.3162-01	.3486-01	30.15	.8043	.3611	558.5	.1130-02
11	.70000	.50000-01	369.00	.2391-01	.2837-01	.3128-01	30.03	.7180	.3636	562.4	.1014-02
11	.70000	.70000	370.00	.2245-01	.2662-01	.2935-01	30.13	.6764	.3616	559.4	.9514-03
11	.70000	.90000	371.00	.2465-01	.2924-01	.3223-01	30.09	.7419	.3623	560.4	.1045-02

OH84C 60-0 VERTICAL TAIL (R3QT12)

VERT TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
10	25.00	.0000	7.300	1.980	467.1	1505.	370.9	.8383-01	132.6	.5306-04	4120.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
10	.0000	.1789

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
10	.10000+00	.10000+00	340.00	.3086-01	.3668-01	.4049-01	41.80	1.290	.3691	570.4	.9316-03
10	.10000+00	.30000	341.00	.1626-01	.1931-01	.2132-01	41.88	.6810	.3679	568.6	.4906-03
10	.10000+00	.50000	342.00	.1481-01	.1759-01	.1941-01	41.97	.6217	.3666	566.7	.4468-03
10	.20000	.10000+00	343.00	.3501-01	.4161-01	.4594-01	41.77	1.462	.3695	571.2	.1057-02
10	.20000	.20000	344.00	.1636-01	.1944-01	.2146-01	41.83	.6843	.3686	569.7	.4937-03
10	.20000	.40000	345.00	.7698-02	.9143-02	.1009-01	41.93	.3228	.3672	567.5	.2323-03
10	.30000	.50000-01	348.00	.5685-01	.6757-01	.7460-01	41.77	2.375	.3695	571.1	.1716-02
10	.30000	.20000	349.00	.1768-01	.2100-01	.2317-01	41.89	.7404	.3678	568.5	.5334-03
10	.30000	.50000	351.00	.4809-02	.5710-02	.6300-02	42.01	.2020	.3660	565.7	.1451-03
10	.30000	.90000	352.00	.3655-01	.4338-01	.4785-01	42.11	1.539	.3646	563.5	.1102-02
10	.40000	.20000	354.00	.1598-01	.1897-01	.2094-01	41.94	.6701	.3670	567.2	.4820-03
10	.40000	.50000	356.00	.6289-02	.7463-02	.8230-02	42.15	.2651	.3640	562.7	.1896-03
10	.40000	.70000	357.00	.1283-01	.1522-01	.1678-01	42.19	.5411	.3634	561.7	.3866-03
10	.40000	.90000	358.00	.2776-01	.3294-01	.3633-01	42.13	1.169	.3643	563.1	.8369-03
10	.50000	.50000-01	359.00	.5281-01	.6272-01	.6921-01	41.95	2.216	.3669	567.0	.1593-02
10	.50000	.70000	360.00	.1560-01	.1851-01	.2042-01	42.16	.6579	.3638	562.3	.4704-03
10	.50000	.90000	361.00	.2300-01	.2730-01	.3010-01	42.16	.9699	.3638	562.3	.6935-03
10	.60000	.50000-01	362.00	.4141-01	.4916-01	.5423-01	42.03	1.740	.3658	565.4	.1249-02
10	.60000	.10000+00	363.00	.3026-01	.3592-01	.3963-01	42.05	1.273	.3654	564.8	.9127-03
10	.60000	.20000	364.00	.2179-01	.2586-01	.2853-01	42.11	.9175	.3646	563.6	.6570-03
10	.60000	.40000	365.00	.1732-01	.2055-01	.2266-01	42.24	.7318	.3627	560.5	.5221-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 VERTICAL TAIL

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
10	.60000	.50000	366.00	.1149-01	.1363-01	.1503-01	42.28	.4860	.3620	559.6	.3464-03
10	.60000	.70000	367.00	.2409-01	.2858-01	.3151-01	42.24	1.018	.3627	560.7	.7261-03
10	.70000	.50000-01	369.00	.3464-01	.4111-01	.4535-01	42.08	1.458	.3650	564.2	.1045-02
10	.70000	.70000	370.00	.3661-01	.4343-01	.4788-01	42.23	1.546	.3628	560.8	.1103-02
10	.70000	.90000	371.00	.3402-01	.4036-01	.4451-01	42.18	1.435	.3635	561.9	.1026-02

OH84C 60-0 VERTICAL TAIL (R3QT14)

VERT TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
8	25.00	.0000	7.300	3.509	861.8	1516.	373.7	.1546	133.6	.9709-04	4136.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
8	.0000	.2431

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
8	.10000+00	.10000+00	340.00	.2905-01	.3451-01	.3808-01	57.35	1.666	.3678	572.9	.6483-03
8	.10000+00	.30000	341.00	.1881-01	.2234-01	.2464-01	57.50	1.082	.3662	570.4	.4197-03
8	.10000+00	.50000	342.00	.1573-01	.1867-01	.2059-01	57.58	.9055	.3653	569.0	.3508-03
8	.20000	.10000+00	343.00	.3774-01	.4485-01	.4951-01	57.23	2.160	.3691	574.8	.8426-03
8	.20000	.20000	344.00	.1952-01	.2319-01	.2559-01	57.35	1.119	.3678	572.9	.4357-03
8	.20000	.40000	345.00	.1190-01	.1413-01	.1559-01	57.47	.6838	.3665	570.8	.2655-03
8	.30000	.50000-01	348.00	.5504-01	.6542-01	.7223-01	57.17	3.147	.3697	575.8	.1229-02
8	.30000	.20000	349.00	.2114-01	.2511-01	.2771-01	57.36	1.212	.3677	572.8	.4718-03
8	.30000	.50000	351.00	.6105-02	.7248-02	.7997-02	57.51	.3511	.3661	570.2	.1362-03
8	.30000	.90000	352.00	.3609-01	.4284-01	.4726-01	57.57	2.077	.3655	569.3	.8050-03
8	.40000	.20000	354.00	.1647-01	.1955-01	.2158-01	57.43	.9457	.3669	571.5	.3674-03
8	.40000	.50000	356.00	.6550-02	.7773-02	.8573-02	57.68	.3778	.3643	567.5	.1461-03
8	.40000	.70000	357.00	.1713-01	.2032-01	.2241-01	57.72	.9885	.3639	566.8	.3819-03
8	.40000	.90000	358.00	.2919-01	.3465-01	.3822-01	57.59	1.681	.3652	568.9	.6511-03
8	.50000	.50000-01	359.00	.5052-01	.6001-01	.6623-01	57.35	2.897	.3677	572.8	.1127-02
8	.50000	.70000	360.00	.2809-01	.3334-01	.3677-01	57.67	1.620	.3645	567.7	.6265-03
8	.50000	.90000	361.00	.2779-01	.3298-01	.3638-01	57.64	1.602	.3647	568.1	.6199-03
8	.60000	.50000-01	362.00	.4600-01	.5462-01	.6028-01	57.43	2.642	.3669	571.5	.1026-02
8	.60000	.10000+00	363.00	.3722-01	.4420-01	.4877-01	57.48	2.140	.3665	570.8	.8306-03
8	.60000	.20000	364.00	.2824-01	.3352-01	.3698-01	57.57	1.626	.3655	569.2	.6300-03
8	.60000	.40000	365.00	.2350-01	.2788-01	.3075-01	57.77	1.358	.3638	565.9	.5240-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 VERTICAL TAIL

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
8	.60000	.50000	366.00	.1806-01	.2142-01	.2362-01	57.86	1.045	.3624	564.5	.4027-03
8	.60000	.70000	367.00	.4377-01	.5192-01	.5726-01	57.78	2.529	.3633	565.8	.9759-03
8	.70000	.50000-01	369.00	.4719-01	.5604-01	.6183-01	57.49	2.713	.3663	570.6	.1053-02
8	.70000	.70000	370.00	.6651-01	.7891-01	.8702-01	57.74	3.841	.3636	566.4	.1483-02
8	.70000	.90000	371.00	.5144-01	.6104+01	.6733-01	57.66	2.966	.3645	567.8	.1147-02

OH84C 60-0 VERTICAL TAIL (R3QT15)

VERT TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 30.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
2	30.00	.0000	7.300	.9823	235.3	1519.	374.4	.4219-01	133.9	.2645-04	4140.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
2	.0000	.1270

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
2	.10000+00	.10000+00	340.00	.2603-01	.3072-01	.3377-01	31.10	.8095	.3460	539.9	.1108-02
2	.10000+00	.30000	341.00	.1105-01	.1305-01	.1434-01	31.14	.3443	.3452	538.6	.4704-03
2	.10000+00	.50000	342.00	.1455-01	.1716-01	.1886-01	31.19	.4537	.3442	537.2	.6189-03
2	.20000	.10000+00	343.00	.1758-01	.2075-01	.2281-01	31.11	.5467	.3459	539.8	.7480-03
2	.20000	.20000	344.00	.8011-02	.9455-02	.1039-01	31.13	.2494	.3454	539.0	.3409-03
2	.20000	.40000	345.00	.5516-02	.6509-02	.7152-02	31.18	.1720	.3444	537.4	.2347-03
2	.30000	.50000-01	348.00	.1890-01	.2231-01	.2453-01	31.11	.5881	.3458	539.6	.8045-03
2	.30000	.20000	349.00	.6778-02	.7998-02	.8790-02	31.17	.2113	.3447	537.9	.2884-03
2	.30000	.50000	351.00	.3237-02	.3818-02	.4194-02	31.27	.1012	.3426	534.6	.1377-03
2	.30000	.90000	352.00	.3535-02	.4167-02	.4577-02	31.35	.1108	.3410	532.1	.1503-03
2	.40000	.20000	354.00	.7265-02	.8571-02	.9417-02	31.23	.2269	.3435	536.1	.3091-03
2	.40000	.50000	356.00	.3789-02	.4468-02	.4907-02	31.33	.1187	.3414	532.8	.1611-03
2	.40000	.70000	357.00	.4891-02	.5767-02	.6334-02	31.32	.1532	.3415	533.0	.2080-03
2	.40000	.90000	358.00	.6065-02	.7150-02	.7852-02	31.36	.1902	.3408	531.7	.2579-03
2	.50000	.50000-01	359.00	.2076-01	.2447-01	.2688-01	31.34	.6507	.3412	532.4	.8827-03
2	.50000	.70000	360.00	.1280-01	.1509-01	.1658-01	31.30	.4006	.3421	533.8	.5443-03
2	.50000	.90000	361.00	.1527-01	.1800-01	.1976-01	31.36	.4788	.3408	531.8	.6491-03
2	.60000	.50000-01	362.00	.2078-01	.2447-01	.2685-01	31.57	.6559	.3367	525.4	.8826-03
2	.60000	.10000+00	363.00	.1402-01	.1651-01	.1812-01	31.54	.4423	.3371	526.0	.5957-03
2	.60000	.20000	364.00	.1003-01	.1181-01	.1296-01	31.50	.3159	.3379	527.3	.4261-03
2	.60000	.40000	365.00	.1064-01	.1254-01	.1377-01	31.39	.3340	.3402	530.8	.4523-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 VERTICAL TAIL

(R3QT15)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
2	.60000	.50000	366.00	.9258-02	.1091-01	.1198-01	31.38	.2905	.3404	531.2	.3936-03
2	.60000	.70000	367.00	.3165-01	.3731-01	.4088-01	31.36	.9926	.3408	531.8	.1346-02
2	.70000	.50000-01	369.00	.2199-01	.2586-01	.2836-01	31.77	.6986	.3325	518.9	.9333-03
2	.70000	.70000	370.00	.4690-01	.5528-01	.6071-01	31.38	1.471	.3408	531.8	.1994-02
2	.70000	.90000	371.00	.5964-01	.7031-01	.7721-01	31.37	1.871	.3407	531.6	.2536-02
2	.80000	.10000+00	373.00	.2104-01	.2480-01	.2724-01	31.32	.6589	.3416	533.0	.8945-03
2	.80000	.40000	374.00	.9043-02	.1066-01	.1171-01	31.34	.2834	.3412	532.4	.3845-03
2	.80000	.50000	375.00	.1053-01	.1241-01	.1363-01	31.36	.3302	.3408	531.8	.4476-03
2	.80000	.70000	376.00	.3857-01	.4547-01	.4994-01	31.35	1.209	.3410	532.2	.1640-02
2	.80000	.90000	377.00	.5775-01	.6808-01	.7476-01	31.37	1.812	.3406	531.5	.2455-02
2	.90000	.10000+00	378.00	.1115-01	.1316-01	.1446-01	31.17	.3477	.3446	537.7	.4746-03
2	.90000	.30000	379.00	.8105-02	.9554-02	.1049-01	31.40	.2546	.3399	530.4	.3446-03
2	.90000	.70000	381.00	.1318-01	.1549-01	.1698-01	31.89	.4203	.3301	515.1	.5591-03
2	.90000	.90000	382.00	.8959-02	.1055-01	.1157-01	31.62	.2833	.3355	523.6	.3805-03
2	.95000	.30000	383.00	.1802-01	.2124-01	.2332-01	31.44	.5668	.3391	529.2	.7660-03
2	.95000	.50000	384.00	.1691-01	.1990-01	.2183-01	31.68	.5358	.3343	521.7	.7180-03
2	.95000	.90000	385.00	.1734-01	.2042-01	.2241-01	31.55	.5470	.3370	525.8	.7365-03

VERT TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 30.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
3	30.00	.0000	7.300	1.937	464.3	1519.	374.6	.8326-01	133.9	.5218-04	4140.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
3	.0000	.1784

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
3	.10000+00	.10000+00	340.00	.2364-01	.2794-01	.3074-01	43.43	1.027	.3500	546.4	.7172-03
3	.10000+00	.30000	341.00	.9389-02	.1109-01	.1220-01	43.51	.4086	.3489	544.5	.2847-03
3	.10000+00	.50000	342.00	.1199-01	.1416-01	.1557-01	43.58	.5223	.3479	543.1	.3634-03
3	.20000	.10000+00	343.00	.1779-01	.2102-01	.2312-01	43.41	.7722	.3502	546.8	.5395-03
3	.20000	.20000	344.00	.9330-02	.1103-01	.1213-01	43.46	.4055	.3495	545.6	.2830-03
3	.20000	.40000	345.00	.5618-02	.6636-02	.7298-02	43.54	.2446	.3484	544.0	.1703-03
3	.30000	.50000-01	348.00	.1551-01	.1834-01	.2017-01	43.38	.6730	.3507	547.4	.4706-03
3	.30000	.20000	349.00	.7030-02	.8307-02	.9136-02	43.49	.3058	.3491	545.1	.2132-03
3	.30000	.50000	351.00	.4056-02	.4790-02	.5267-02	43.58	.1768	.3478	543.0	.1230-03
3	.30000	.90000	352.00	.5786-02	.6833-02	.7512-02	43.64	.2525	.3470	541.8	.1754-03
3	.40000	.20000	354.00	.7550-02	.8919-02	.9808-02	43.52	.3286	.3487	544.3	.2289-03
3	.40000	.50000	356.00	.5856-02	.6915-02	.7601-02	43.66	.2557	.3467	541.2	.1775-03
3	.40000	.70000	357.00	.8668-02	.1023-01	.1125-01	43.68	.3786	.3464	540.7	.2627-03
3	.40000	.90000	358.00	.9117-02	.1077-01	.1184-01	43.64	.3979	.3469	541.6	.2764-03
3	.50000	.50000-01	359.00	.2398-01	.2833-01	.3116-01	43.50	1.043	.3490	544.9	.7272-03
3	.50000	.70000	360.00	.3537-01	.4176-01	.4590-01	43.68	1.545	.3464	540.8	.1072-02
3	.50000	.90000	361.00	.3341-01	.3945-01	.4337-01	43.65	1.458	.3468	541.4	.1013-02
3	.60000	.50000-01	362.00	.2918-01	.3447-01	.3791-01	43.55	1.271	.3483	543.7	.8848-03
3	.60000	.10000+00	363.00	.2165-01	.2557-01	.2812-01	43.58	.9434	.3479	543.1	.6563-03
3	.60000	.20000	364.00	.1938-01	.2289-01	.2517-01	43.61	.8454	.3474	542.3	.5876-03
3	.60000	.40000	365.00	.2544-01	.3003-01	.3301-01	43.71	1.112	.3461	540.2	.7709-03

OH84C 60-0 VERTICAL TAIL (R3QT16)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
3	.60000	.50000	366.00	.2262-01	.2670-01	.2935-01	43.75	.9897	.3455	539.3	.6855-03
3	.60000	.70000	367.00	.6482-01	.7652-01	.8411-01	43.70	2.833	.3461	540.3	.1964-02
3	.70000	.50000-01	369.00	.3499-01	.4133-01	.4544-01	43.58	1.525	.3479	543.1	.1061-02
3	.70000	.70000	370.00	.6021-01	.7108-01	.7813-01	43.71	2.632	.3460	540.1	.1825-02
3	.70000	.90000	371.00	.5915-01	.6984-01	.7677-01	43.68	2.583	.3465	540.9	.1793-02
3	.80000	.10000+00	373.00	.3422-01	.4041-01	.4443-01	43.60	1.492	.3476	542.6	.1037-02
3	.80000	.40000	374.00	.1986-01	.2345-01	.2578-01	43.66	.8671	.3467	541.2	.6019-03
3	.80000	.50000	375.00	.1873-01	.2211-01	.2431-01	43.69	.8182	.3463	540.7	.5676-03
3	.80000	.70000	376.00	.4858-01	.5735-01	.6305-01	43.68	2.122	.3465	540.9	.1472-02
3	.80000	.90000	377.00	.5694-01	.6723-01	.7391-01	43.64	2.485	.3470	541.7	.1726-02
3	.90000	.10000+00	378.00	.1566-01	.1850-01	.2035-01	43.52	.6816	.3487	544.4	.4749-03
3	.90000	.30000	379.00	.3077-01	.3634-01	.3996-01	43.60	1.342	.3476	542.6	.9328-03
3	.90000	.70000	381.00	.1087-01	.1283-01	.1411-01	43.64	.4741	.3471	541.8	.3294-03
3	.90000	.90000	382.00	.1043-01	.1231-01	.1354-01	43.60	.4545	.3476	542.7	.3160-03
3	.95000	.30000	383.00	.2776-01	.3278-01	.3604-01	43.64	1.211	.3470	541.7	.8414-03
3	.95000	.50000	384.00	.2912-01	.3438-01	.3779-01	43.69	1.272	.3463	540.7	.8824-03
3	.95000	.90000	385.00	.2052-01	.2424-01	.2665-01	43.63	.8954	.3472	542.0	.6221-03

OH84C 60-0 VERTICAL TAIL (R3QT17)

VERT TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 30.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPOBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
5	30.00	.0000	7.300	3.138	702.9	1460.	359.0	.1266	128.3	.8275-04	4053.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
5	.0000	.2191

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
5	.10000+00	.10000+00	340.00	.2061-01	.2450-01	.2706-01	49.49	1.020	.3704	554.2	.4971-03
5	.10000+00	.30000	341.00	.1233-01	.1465-01	.1617-01	49.62	.6116	.3688	551.8	.2972-03
5	.10000+00	.50000	342.00	.1019-01	.1211-01	.1336-01	49.70	.5065	.3678	550.3	.2456-03
5	.20000	.10000+00	343.00	.1745-01	.2075-01	.2292-01	49.43	.8628	.3711	555.3	.4210-03
5	.20000	.20000	344.00	.8971-02	.1066-01	.1177-01	49.53	.4443	.3699	553.5	.2163-03
5	.20000	.40000	345.00	.6724-02	.7989-02	.8819-02	49.64	.3338	.3685	551.4	.1621-03
5	.30000	.50000-01	348.00	.1548-01	.1841-01	.2034-01	49.38	.7646	.3717	556.2	.3735-03
5	.30000	.20000	349.00	.8935-02	.1062-01	.1173-01	49.54	.4427	.3697	553.2	.2155-03
5	.30000	.50000	351.00	.6960-02	.8148-02	.8993-02	49.71	.3410	.3678	550.2	.1653-03
5	.30000	.90000	352.00	.9355-02	.1111-01	.1226-01	49.78	.4656	.3669	548.9	.2254-03
5	.40000	.20000	354.00	.9097-02	.1081-01	.1193-01	49.61	.4513	.3690	552.1	.2193-03
5	.40000	.50000	356.00	.9788-02	.1162-01	.1282-01	49.80	.4875	.3666	548.4	.2358-03
5	.40000	.70000	357.00	.1885-01	.2238-01	.2469-01	49.64	.9395	.3661	547.7	.4542-03
5	.40000	.90000	358.00	.1903-01	.2260-01	.2494-01	49.79	.9475	.3667	548.7	.4586-03
5	.50000	.50000-01	359.00	.2347-01	.2789-01	.3080-01	49.54	1.162	.3698	553.3	.5659-03
5	.50000	.70000	360.00	.4537-01	.5388-01	.5946-01	49.77	2.258	.3670	549.1	.1093-02
5	.50000	.90000	361.00	.5333-01	.6333-01	.6988-01	49.80	2.656	.3666	548.5	.1285-02
5	.60000	.50000-01	362.00	.3122-01	.3710-01	.4096-01	49.62	1.549	.3689	551.9	.7528-03
5	.60000	.10000+00	363.00	.2110-01	.2507-01	.2767-01	49.65	1.048	.3684	551.2	.5086-03
5	.60000	.20000	364.00	.1637-01	.1944-01	.2145-01	49.72	.8138	.3675	549.9	.3945-03
5	.60000	.40000	365.00	.1905-01	.2262-01	.2495-01	49.85	.9496	.3660	547.6	.4590-03

OH84C MODEL 60-0 AT ARC 3.5 FT. TUNNEL

OH84C 60-0 VERTICAL TAIL

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
5	.60000	.50000	366.00	.2077-01	.2466-01	.2720-01	49.92	1.037	.3652	546.4	.5004-03
5	.60000	.70000	367.00	.5522-01	.6556-01	.7233-01	49.86	2.754	.3658	547.3	.1330-02
5	.70000	.50000-01	369.00	.4167-01	.4951-01	.5465-01	49.65	2.069	.3684	551.2	.1005-02
5	.70000	.70000	370.00	.4085-01	.4850-01	.5351-01	49.86	2.037	.3659	547.4	.9842-03
5	.70000	.90000	371.00	.4717-01	.5601-01	.6181-01	49.81	2.350	.3665	548.3	.1137-02
5	.80000	.10000+00	373.00	.3998-01	.4750-01	.5243-01	49.66	1.986	.3683	551.0	.9639-03
5	.80000	.40000	374.00	.2430-01	.2886-01	.3185-01	49.75	1.209	.3673	549.5	.5857-03
5	.80000	.50000	375.00	.2271-01	.2698-01	.2977-01	49.77	1.131	.3670	549.0	.5474-03
5	.80000	.70000	376.00	.3819-01	.4534-01	.5004-01	49.79	1.901	.3667	548.6	.9202-03
5	.80000	.90000	377.00	.4442-01	.5275-01	.5822-01	49.75	2.210	.3672	549.3	.1070-02
5	.90000	.10000+00	378.00	.1458-01	.1733-01	.1913-01	49.64	.7239	.3686	551.4	.3516-03
5	.90000	.30000	379.00	.2815-01	.3345-01	.3692-01	49.63	1.397	.3687	551.7	.6787-03
5	.90000	.70000	381.00	.1257-01	.1494-01	.1649-01	49.59	.6233	.3691	552.3	.3031-03
5	.90000	.90000	382.00	.1273-01	.1514-01	.1672-01	49.50	.6304	.3702	554.0	.3071-03
5	.95000	.30000	383.00	.2430-01	.2887-01	.3187-01	49.61	1.206	.3689	551.9	.5859-03
5	.95000	.50000	384.00	.2437-01	.2895-01	.3196-01	49.65	1.210	.3684	551.2	.5874-03
5	.95000	.90000	385.00	.2210-01	.2627-01	.2901-01	49.53	1.095	.3699	553.4	.5331-03

OH84C 60-0 VERTICAL TAIL (R3QT18)

VERT TAIL

PARAMETRIC DATA

MACH = 7.300 ALPHA = 30.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
6	30.00	.0000	7.300	3.871	865.1	1458.	358.4	.1558	128.1	.1020-03	4050.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
6	.0000	.2430

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
6	.10000+00	.10000+00	340.00	.2282-01	.2715-01	.3000-01	54.57	1.245	.3731	557.3	.4960-03
6	.10000+00	.30000	341.00	.1453-01	.1728-01	.1908-01	54.73	.7951	.3713	554.7	.3156-03
6	.10000+00	.50000	342.00	.1130-01	.1343-01	.1483-01	54.82	.6195	.3703	553.2	.2454-03
6	.20000	.10000+00	343.00	.1639-01	.1950-01	.2155-01	54.51	.8932	.3738	558.4	.3562-03
6	.20000	.20000	344.00	.9016-02	.1073-01	.1185-01	54.63	.4925	.3725	556.4	.1959-03
6	.20000	.40000	345.00	.8074-02	.9601-02	.1060-01	54.76	.4422	.3710	554.2	.1754-03
6	.30000	.50000-01	348.00	.1595-01	.1899-01	.2098-01	54.46	.8688	.3743	559.1	.3468-03
6	.30000	.20000	349.00	.8978-02	.1068-01	.1180-01	54.66	.4908	.3720	555.8	.1951-03
6	.30000	.50000	351.00	.8483-02	.1008-01	.1113-01	54.83	.4651	.3702	553.0	.1842-03
6	.30000	.90000	352.00	.1291-01	.1523-01	.1681-01	54.93	.7039	.3691	551.4	.2782-03
6	.40000	.20000	354.00	.9132-02	.1086-01	.1199-01	54.73	.4998	.3713	554.7	.1984-03
6	.40000	.50000	356.00	.9391-02	.1116-01	.1232-01	54.98	.5163	.3685	550.5	.2039-03
6	.40000	.70000	357.00	.2214-01	.2630-01	.2903-01	55.04	1.219	.3679	549.6	.4806-03
6	.40000	.90000	358.00	.2974-01	.3533-01	.3901-01	54.96	1.634	.3688	551.0	.6456-03
6	.50000	.50000-01	359.00	.2759-01	.3282-01	.3625-01	54.67	1.509	.3720	555.7	.5995-03
6	.50000	.70000	360.00	.3699-01	.4394-01	.4850-01	55.03	2.036	.3680	549.7	.8029-03
6	.50000	.90000	361.00	.5803-01	.6895-01	.7611-01	54.98	3.190	.3686	550.6	.1260-02
6	.60000	.50000-01	362.00	.3734-01	.4439-01	.4903-01	54.76	2.045	.3710	554.2	.8110-03
6	.60000	.10000+00	363.00	.2621-01	.3116-01	.3441-01	54.80	1.436	.3706	553.6	.5693-03
6	.60000	.20000	364.00	.1936-01	.2301-01	.2541-01	54.89	1.063	.3696	552.1	.4204-03
6	.60000	.40000	365.00	.1803-01	.2142-01	.2364-01	55.07	.9930	.3676	549.1	.3914-03

OH84C 60-0 VERTICAL TAIL (R30T18)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
6	.60000	.50000	366.00	.1708-01	.2028-01	.2238-01	55.16	.9421	.3666	547.6	.3706-03
6	.60000	.70000	367.00	.3939-01	.4678-01	.5163-01	55.09	2.170	.3674	548.8	.8548-03
6	.70000	.50000-01	369.00	.4562-01	.5423-01	.5988-01	54.81	2.500	.3704	553.3	.9908-03
6	.70000	.70000	370.00	.3758-01	.4464-01	.4926-01	55.08	2.070	.3675	549.0	.8157-03
6	.70000	.90000	371.00	.4014-01	.4769-01	.5264-01	55.01	2.208	.3683	550.2	.8713-03
6	.80000	.10000+00	373.00	.3988-01	.4741-01	.5235-01	54.83	2.187	.3702	553.0	.8661-03
6	.80000	.40000	374.00	.2541-01	.3019-01	.3333-01	54.97	1.397	.3687	550.8	.5517-03
6	.80000	.50000	375.00	.2434-01	.2892-01	.3192-01	55.02	1.339	.3682	550.0	.5283-03
6	.80000	.70000	376.00	.4854-01	.5767-01	.6365-01	55.00	2.670	.3683	550.2	.1054-02
6	.80000	.90000	377.00	.4417-01	.5249-01	.5795-01	54.94	2.426	.3691	551.3	.9591-03
6	.90000	.10000+00	378.00	.1496-01	.1778-01	.1964-01	54.74	.8186	.3713	554.6	.3249-03
6	.90000	.30000	379.00	.2599-01	.3076-01	.3396-01	54.91	1.421	.3694	551.8	.5621-03
6	.90000	.70000	381.00	.1483-01	.1762-01	.1946-01	54.88	.8136	.3697	552.2	.3220-03
6	.90000	.90000	382.00	.1401-01	.1665-01	.1839-01	54.76	.7670	.3710	554.2	.3043-03
6	.95000	.30000	383.00	.2320-01	.2757-01	.3045-01	54.87	1.273	.3698	552.4	.5038-03
6	.95000	.50000	384.00	.3098-01	.3682-01	.4064-01	54.95	1.708	.3689	551.1	.6727-03
6	.95000	.90000	385.00	.2371-01	.2819-01	.3114-01	54.78	1.299	.3708	553.9	.5151-03

SPDBRK CAVITY

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
37	20.00	.0000	7.300	1.014	236.3	1494.	368.0	.4244-01	131.5	.2707-04	4104.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
37	.0000	.1272

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
37	1.0000	1399.0	.39360-03	.4674-03	.5158-03	29.60	.1165-01	.3669	562.6	.1661-04

SPDBRK CAVITY

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
36	20.00	.0000	7.300	1.959	465.4	1511.	372.5	.8349-01	133.2	.5261-04	4129.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
35	.0000	.1786

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
36	1.0000	1399.0	.29992-03	.3557-03	.3922-03	42.38	.1271-01	.3623	562.5	.9080-05

OH84C 60-O SPEEDBRAKE CAVITY (R3QU10)

SPDBRK CAVITY

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
34	20.00	.0000	7.300	3.476	865.4	1554.	383.6	.1548	137.1	.9472-04	4190.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
34	.0000	.2439

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
34	1.0000	1399.0	.11350-03	.1342-03	.1476-03	60.68	.6888-02	.3508	560.8	.2560-05

OH84C 60-0 SPEEDBRAKE CAVITY (R3QU11)

SPDBRK CAVITY

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
38	25.00	.0000	7.300	1.042	236.6	1471.	362.0	.4257-01	129.4	.2760-04	4070.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
38	.0000	.1272

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
38	1.0000	1399.0	.20153-03	.2396-03	.2646-03	28.93	.5830-02	.3710	559.8	.8423-05

SPDBRK CAVITY

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE .
39	25.00	.0000	7.300	1.931	465.6	1525.	375.9	.8346-01	134.4	.5211-04	4148.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
39	.0000	.1787

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
39	1.0000	1399.0	.21928-03	.2591-03	.2850-03	43.68	.9577-02	.3497	547.9	.6656-05

OH84C 60-O SPEEDBRAKE CAVITY (R3QU13)

SPDBRK CAVITY

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
40	25.00	.0000	7.300	2.929	702.3	1520.	374.7	.1259	133.9	.7890-04	4141.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
40	.0000	.2195

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
40	1.0000	1399.0	.99545-05	.1176-04	.1294-04	53.50	.5326-03	.3491	545.1	.2455-06

OH84C 60-0 SPEEDBRAKE CAVITY (R3QU14)

SPDBRK CAVITY

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
41	25.00	.0000	7.300	3.654	869.2	1513.	372.8	.1559	133.3	.9818-04	4131.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
41	.0000	.2441

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
41	1.0000	1399.0	.11782-03	.1395-03	.1536-03	58.61	.6906-02	.3555	552.4	.2607-05

WINDOWS

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
12	20.00	.0000	7.300	.9991	236.9	1510.	372.1	.4251-01	133.0	.2682-04	4127.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
12	.0000	.1274

TEST DATA

RUN NUMBER	WINDOW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
12	1.0000	191.00	.12240-01	.1452-01	.1602-01	30.11	.3685	.3643	564.9	.5192-03
12	1.0000	192.00	.46147-01	.5477-01	.6041-01	30.08	1.388	.3648	565.7	.1958-02
12	1.0000	193.00	.36374-01	.4317-01	.4761-01	30.10	1.095	.3644	565.1	.1543-02
12	1.0000	194.00	.15034-01	.1784-01	.1968-01	30.11	.4526	.3643	564.9	.6377-03
12	1.0000	195.00	.18341-02	.2181-02	.2409-02	29.77	.5460-01	.3711	575.5	.7792-04
12	2.0000	196.00	.17087-01	.2028-01	.2237-01	30.09	.5142	.3646	565.5	.7248-03
12	2.0000	197.00	.49843-01	.5914-01	.6522-01	30.14	1.502	.3637	564.0	.2114-02
12	2.0000	198.00	.31732-03	.3754-03	.4133-03	30.62	.9713-02	.3539	548.9	.1343-04
12	2.0000	199.00	.36718-01	.4356-01	.4804-01	30.15	1.107	.3635	563.6	.1557-02
12	2.0000	200.00	.10571-01	.1254-01	.1383-01	30.17	.3189	.3630	562.9	.4483-03
12	3.0000	201.00	.16335-01	.1938-01	.2137-01	30.16	.4926	.3633	563.4	.6927-03

WINDOWS

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
14	20.00	.0000	7.300	1.974	468.5	1510.	372.2	.8405-01	133.1	.5301-04	4127.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
14	.0000	.1792

TEST DATA

RUN NUMBER	WINDOW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
14	1.0000	191.00	.14479-01	.1712-01	.1884-01	43.20	.6254	.3521	546.3	.4357-03
14	1.0000	192.00	.42374-01	.5012-01	.5516-01	43.15	1.828	.3528	547.3	.1275-02
14	1.0000	193.00	.35468-01	.4194-01	.4616-01	43.18	1.532	.3523	546.6	.1067-02
14	1.0000	194.00	.17626-01	.2084-01	.2294-01	43.19	.7612	.3522	546.4	.5304-03
14	2.0000	196.00	.19541-01	.2311-01	.2543-01	43.18	.8438	.3523	546.5	.5880-03
14	2.0000	197.00	.55013-01	.6505-01	.7158-01	43.21	2.377	.3520	546.0	.1655-02
14	2.0000	198.00	.43029-03	.5076-03	.5577-03	43.80	.1885-01	.3434	532.8	.1292-04
14	2.0000	199.00	.40560-01	.4796-01	.5277-01	43.22	1.753	.3517	545.6	.1220-02
14	2.0000	200.00	.13052-01	.1543-01	.1698-01	43.26	.5647	.3511	544.7	.3927-03
14	3.0000	201.00	.17908-01	.2117-01	.2329-01	43.25	.7744	.3514	545.1	.5388-03

WINDOWS

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
15	20.00	.0000	7.300	2.914	702.8	1525.	376.0	.1260	134.4	.7864-04	4148.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
15	.0000	.2196

TEST DATA

RUN NUMBER	WINDOW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
15	1.0000	191.00	.16936-01	.2002-01	.2203-01	53.52	.9065	.3514	550.7	.4187-03
15	1.0000	192.00	.46006-01	.5440-01	.5986-01	53.48	2.460	.3519	551.5	.1137-02
15	1.0000	193.00	.48683-01	.5756-01	.6333-01	53.52	2.605	.3515	550.8	.1203-02
15	1.0000	194.00	.19845-01	.2346-01	.2582-01	53.52	1.062	.3515	550.8	.4906-03
15	2.0000	196.00	.23006-01	.2720-01	.2993-01	53.52	1.231	.3514	550.7	.5687-03
15	2.0000	197.00	.69482-01	.8214-01	.9037-01	53.56	3.721	.3510	550.0	.1717-02
15	2.0000	198.00	.68225-03	.8045-03	.8836-03	54.36	.3709-01	.3417	535.5	.1683-04
15	2.0000	199.00	.55263-01	.6532-01	.7186-01	53.61	2.962	.3504	549.2	.1366-02
15	2.0000	200.00	.14813-01	.1750-01	.1925-01	53.67	.7951	.3496	547.9	.3660-03
15	3.0000	201.00	.22911-01	.2707-01	.2978-01	53.67	1.230	.3497	548.0	.5662-03

WINDOWS

PARAMETRIC DATA

MACH = 7.300 ALPHA = 20.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
16	20.00	.0000	7.300	3.630	867.6	1517.	373.9	.1556	133.7	.9769-04	4137.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
16	.0000	.2439

TEST DATA

RUN NUMBER	WINDOW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
16	1.0000	191.00	.18137-01	.2146-01	.2362-01	58.91	1.068	.3537	551.2	.4023-03
16	1.0000	192.00	.52332-01	.6192-01	.6817-01	58.85	3.080	.3543	552.1	.1161-02
16	1.0000	193.00	.51651-01	.6110-01	.6726-01	58.92	3.043	.3536	550.9	.1146-02
16	1.0000	194.00	.22222-01	.2629-01	.2894-01	58.90	1.309	.3537	551.2	.4929-03
16	2.0000	196.00	.26855-01	.3177-01	.3497-01	58.91	1.582	.3537	551.1	.5957-03
16	2.0000	197.00	.77608-01	.9181-01	.1010	58.93	4.574	.3534	550.7	.1721-02
16	2.0000	198.00	.39663-03	.4680-03	.5143-03	59.78	.2371-01	.3445	536.8	.8781-05
16	2.0000	199.00	.65056-01	.7695-01	.8468-01	58.99	3.837	.3529	549.8	.1443-02
16	2.0000	200.00	.16707-01	.1976-01	.2174-01	59.06	.9867	.3521	548.6	.3704-03
16	3.0000	201.00	.26586-01	.3144-01	.3460-01	59.04	1.570	.3523	548.9	.5895-03

WINDOWS

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 1.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
11	25.00	.0000	7.300	1.001	236.4	1506.	371.1	.4242-01	132.7	.2683-04	4121.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
11	.0000	.1273

TEST DATA

RUN NUMBER	WINDOW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
11	1.0000	191.00	.14524-01	.1722-01	.1897-01	30.19	.4384	.3604	557.5	.6153-03
11	1.0000	192.00	.41770-01	.4952-01	.5459-01	30.14	1.259	.3613	558.9	.1770-02
11	1.0000	193.00	.24874-01	.2949-01	.3251-01	30.14	.7497	.3614	559.0	.1054-02
11	1.0000	194.00	.10531-01	.1248-01	.1376-01	30.19	.3180	.3602	557.2	.4461-03
11	2.0000	196.00	.10541-01	.1250-01	.1377-01	30.17	.3181	.3606	557.8	.4466-03
11	2.0000	197.00	.28952-01	.3432-01	.3782-01	30.19	.8740	.3603	557.3	.1226-02
11	2.0000	198.00	.10966-02	.1298-02	.1429-02	30.46	.3340-01	.3548	548.8	.4640-04
11	2.0000	199.00	.20117-01	.2384-01	.2627-01	30.21	.6077	.3599	556.7	.8521-03
11	2.0000	200.00	.54986-02	.6513-02	.7176-02	30.30	.1666	.3582	554.0	.2328-03
11	3.0000	201.00	.76984-02	.9122-02	.1005-01	30.24	.2328	.3592	555.7	.3260-03

WINDOWS

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 2.000

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
10	25.00	.0000	7.300	1.980	467.1	1505.	370.9	.8383-01	132.6	.5306-04	4120.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
10	.0000	.1789

TEST DATA

RUN NUMBER	WINDOW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
10	1.0000	191.00	.21353-01	.2536-01	.2798-01	41.98	.8963	.3665	566.5	.6441-03
10	1.0000	192.00	.52155-01	.6194-01	.6836-01	41.93	2.187	.3672	567.6	.1574-02
10	1.0000	193.00	.33691-01	.4000-01	.4413-01	42.02	1.416	.3659	565.6	.1016-02
10	1.0000	194.00	.12175-01	.1446-01	.1595-01	41.98	.5111	.3664	566.4	.3673-03
10	1.0000	195.00	.58081-03	.6902-03	.7620-03	41.79	.2427-01	.3692	570.6	.1753-04
10	2.0000	196.00	.12071-01	.1433-01	.1582-01	41.97	.5066	.3666	566.6	.3641-03
10	2.0000	197.00	.34347-01	.4078-01	.4499-01	42.02	1.443	.3659	565.5	.1036-02
10	2.0000	198.00	.13893-02	.1644-02	.1809-02	42.85	.5953-01	.3539	547.0	.4179-04
10	2.0000	199.00	.24445-01	.2902-01	.3201-01	42.04	1.028	.3656	565.0	.7372-03
10	2.0000	200.00	.86066-02	.1021-01	.1127-01	42.09	.3623	.3649	563.9	.2595-03
10	3.0000	201.00	.10640-01	.1263-01	.1393-01	42.06	.4475	.3653	564.6	.3209-03

WINDOWS

PARAMETRIC DATA

MACH = 7.300 ALPHA = 25.00 BETA = .0000 ELEVON = .0000
BDFLAP = .0000 SPDBRK = 49.00 RE = 3.700

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
8	25.00	.0000	7.300	3.609	861.8	1516.	373.7	.1546	133.6	.9709-04	4136.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
8	.0000	.2431

TEST DATA

RUN NUMBER	WINDOW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
8	1.0000	191.00	.28522-01	.3386-01	.3735-01	57.56	1.642	.3656	569.4	.6363-03
8	1.0000	192.00	.63886-01	.7586-01	.8370-01	57.48	3.672	.3664	570.8	.1425-02
8	1.0000	193.00	.41922-01	.4976-01	.5489-01	57.60	2.415	.3651	568.7	.9351-03
8	1.0000	194.00	.13821-01	.1641-01	.1810-01	57.55	.7954	.3656	569.5	.3083-03
8	1.0000	195.00	.11814-02	.1405-02	.1552-02	57.02	.6737-01	.3712	578.2	.2639-04
8	2.0000	196.00	.12383-01	.1470-01	.1622-01	57.52	.7123	.3660	570.0	.2763-03
8	2.0000	197.00	.41745-01	.4955-01	.5466-01	57.61	2.405	.3651	568.7	.9311-03
8	2.0000	198.00	.13542-02	.1602-02	.1763-02	58.79	.7961-01	.3526	549.2	.3012-04
8	2.0000	199.00	.32816-01	.3895-01	.4296-01	57.65	1.892	.3647	568.0	.7319-03
8	2.0000	200.00	.10262-01	.1218-01	.1343-01	57.69	.5920	.3642	567.3	.2289-03
8	3.0000	201.00	.12607-01	.1496-01	.1650-01	57.69	.7273	.3642	567.3	.2812-03

APPENDIX B

Tabulated Source Data - OH105B

DATASET NAME	DESCRIPTION	APPENDIX PAGE
R3R901-924	83-Ø Upper RCS Nozzles	1-24
R3R801-824	83-Ø Canopy	25-72
R3R701-723	83-Ø Bottom Centerline	73-93
R3R601-623	83-Ø MHB Line	94-114
R3R501-524	83-Ø Top Centerline	115-159
R3R401-423	83-Ø Pilot Rt(X-Sect)	160-201
R3RA25-A38	60-Ø Fuselage	202-243
R3RB25-B38	60-Ø Fuselage	244-257
R3RC25-C38	60-Ø Fuselage	258-271
R3RD25-D38	60-Ø Lower Nose	272-285
R3RE25-E38	60-Ø Lower Nose	286-299
R3RF25-F38	60-Ø Lower Mid Fuselage	300-313
R3RG25-G38	60-Ø Lower Aft Fuselage	314-327
R3RI25-I38	60-Ø Aft Fuselage & Elev. Split Line	328-341
R3RJ25-J38	60-Ø Upper RH Wing	342-355
R3RK25-K38	60-Ø Lower Bodyflap	356-369
R3RL25-L38	60-Ø Bodyflap Edge	370-383
R3RM25-M38	60-Ø Vertical Tail	384-397
R3RN25-N38	60-Ø Upper Mid Fuselage	398-411
R3RØ25-Ø38	60-Ø Upper RH Wing	412-425
R3RP25-P38	60-Ø Wing Miscellaneous	426-439
R3RQ25-Q38	60-Ø Wing Lower Surface	440-467
R3RR25-R38	60-Ø Wing Upper Surface	468-481
R3RS25-S38	60-Ø OMS Pod	482-509
R3RT25-T38	60-Ø Vertical Tail	510-537
R3RU25-U38	60-Ø Speedbrake Cavity	538-544

OH105-B 83-0 UPPER RCS NOZZLES (R3R901)

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
161	.0000	.0000	7.300	1.032	227.7	1447.	355.5	.4103-01	127.1	.2709-04	4034.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
161	.0000	.8243-01

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
161	-22.500	.80700-01	173.00	.1428	.1700	.1879	18.30	2.614	.3750	555.7	.3984-02
161	-22.500	.94300-01	174.00	.1169	.1392	.1538	18.30	2.139	.3751	555.8	.3261-02
161	-22.500	.97800-01	175.00	.1412	.1681	.1858	18.30	2.583	.3752	555.9	.3938-02
161	-22.500	.10130	176.00	.1267	.1508	.1667	18.30	2.319	.3750	555.6	.3534-02
161	-15.000	.61900-01	167.00	.1936	.2305	.2547	18.30	3.542	.3753	556.0	.5400-02
161	-15.000	.70900-01	168.00	.1661	.1978	.2186	18.29	3.039	.3754	556.2	.4634-02
161	-15.000	.80700-01	169.00	.1293	.1540	.1702	18.30	2.367	.3752	556.0	.3608-02
161	-15.000	.94300-01	170.00	.1953	.2326	.2571	18.28	3.571	.3758	556.8	.5450-02
161	-15.000	.97800-01	171.00	.1596	.1901	.2101	18.29	2.919	.3756	556.5	.4454-02
161	-15.000	.10130	172.00	.1426	.1698	.1877	18.30	2.609	.3753	556.0	.3979-02
161	-7.5000	.61900-01	161.00	.2005	.2387	.2638	18.29	3.667	.3754	556.3	.5593-02
161	-7.5000	.70900-01	162.00	.1544	.1839	.2033	18.29	2.825	.3754	556.3	.4309-02
161	-7.5000	.80700-01	163.00	.1440	.1715	.1895	18.29	2.634	.3753	556.1	.4018-02
161	-7.5000	.94300-01	164.00	.1479	.1761	.1946	18.29	2.704	.3755	556.3	.4125-02
161	-7.5000	.97800-01	165.00	.1002	.1192	.1318	18.31	1.834	.3748	555.4	.2794-02
161	-7.5000	.10130	166.00	.8696-01	.1035	.1144	18.30	1.591	.3751	555.8	.2426-02

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
160	.0000	.0000	7.300	1.982	467.7	1506.	370.9	.8394-01	132.6	.5312-04	4120.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
160	.0000	.1184

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
160	-22.500	.80700-01	173.00	.1734	.2057	.2268	27.96	4.848	.3627	560.8	.3455-02
160	-22.500	.94300-01	174.00	.1534	.1819	.2006	27.95	4.286	.3630	561.2	.3056-02
160	-22.500	.97800-01	175.00	.1865	.2213	.2440	27.95	5.213	.3630	561.2	.3717-02
160	-22.500	.10130	176.00	.1602	.1900	.2095	27.95	4.477	.3630	561.1	.3192-02
160	-15.000	.61900-01	167.00	.2271	.2694	.2971	27.96	6.351	.3628	560.8	.4526-02
160	-15.000	.70900-01	168.00	.1927	.2286	.2521	27.95	5.387	.3630	561.2	.3841-02
160	-15.000	.80700-01	169.00	.1510	.1791	.1975	27.95	4.219	.3630	561.2	.3008-02
160	-15.000	.94300-01	170.00	.2375	.2817	.3106	27.94	6.635	.3632	561.4	.4732-02
160	-15.000	.97800-01	171.00	.1930	.2289	.2525	27.94	5.392	.3632	561.5	.3846-02
160	-15.000	.10130	172.00	.1711	.2030	.2238	27.95	4.782	.3630	561.1	.3409-02
160	-7.5000	.61900-01	161.00	.2337	.2772	.3057	27.95	6.533	.3629	561.0	.4657-02
160	-7.5000	.70900-01	162.00	.1776	.2107	.2323	27.95	4.964	.3630	561.1	.3539-02
160	-7.5000	.80700-01	163.00	.1688	.2002	.2208	27.95	4.718	.3629	561.1	.3353-02
160	-7.5000	.94300-01	164.00	.1883	.2233	.2462	27.95	5.262	.3630	561.2	.3751-02
160	-7.5000	.97800-01	165.00	.1252	.1485	.1637	27.97	3.501	.3626	560.5	.2494-02
160	-7.5000	.10130	166.00	.1047	.1242	.1369	27.95	2.926	.3629	561.1	.2086-02

OH105-B 83-0 UPPER RCS NOZZLES (R3R903)

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
159	.0000	.0000	7.300	2.958	700.3	1508.	371.7	.1257	132.9	.7936-04	4125.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
159	.0000	.1449

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
159	-22.500	.80700-01	173.00	.2002	.2375	.2619	34.22	6.850	.3639	563.7	.3264-02
159	-22.500	.94300-01	174.00	.1793	.2128	.2347	34.22	6.137	.3639	563.7	.2925-02
159	-22.500	.97800-01	175.00	.2127	.2524	.2784	34.23	7.281	.3638	563.6	.3469-02
159	-22.500	.10130	176.00	.1785	.2118	.2336	34.24	6.111	.3637	563.4	.2911-02
159	-15.000	.61900-01	167.00	.2499	.2966	.3271	34.19	8.545	.3645	564.6	.4076-02
159	-15.000	.70900-01	168.00	.2143	.2544	.2806	34.19	7.327	.3646	564.8	.3496-02
159	-15.000	.80700-01	169.00	.1726	.2048	.2259	34.20	5.902	.3644	564.5	.2815-02
159	-15.000	.94300-01	170.00	.2589	.3072	.3389	34.18	8.850	.3646	564.8	.4223-02
159	-15.000	.97800-01	171.00	.2120	.2516	.2775	34.19	7.249	.3645	564.6	.3458-02
159	-15.000	.10130	172.00	.1896	.2250	.2481	34.21	6.486	.3641	564.1	.3092-02
159	-7.5000	.61900-01	161.00	.2627	.3118	.3439	34.16	8.974	.3650	565.4	.4285-02
159	-7.5000	.70900-01	162.00	.1950	.2314	.2552	34.17	6.662	.3648	565.2	.3180-02
159	-7.5000	.80700-01	163.00	.1883	.2235	.2465	34.18	6.436	.3646	564.9	.3071-02
159	-7.5000	.94300-01	164.00	.2151	.2553	.2816	34.18	7.354	.3646	564.9	.3509-02
159	-7.5000	.97800-01	165.00	.1408	.1671	.1842	34.22	4.818	.3640	563.8	.2296-02
159	-7.5000	.10130	166.00	.1194	.1416	.1562	34.23	4.086	.3638	563.5	.1947-02

OH105-B 83-0 UPPER RCS NOZZLES (R3R904)

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
158	.0000	.0000	7.300	3.602	865.6	1522.	375.2	.1552	134.1	.9710-04	4144.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
158	.0000	.1612

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
158	-22.500	.80700-01	173.00	.2131	.2521	.2776	39.01	8.312	.3544	554.1	.3137-02
158	-22.500	.94300-01	174.00	.1906	.2256	.2483	39.00	7.436	.3545	554.2	.2807-02
158	-22.500	.97800-01	175.00	.2228	.2637	.2903	39.01	8.692	.3544	554.1	.3280-02
158	-22.500	.10130	176.00	.1859	.2199	.2421	39.02	7.253	.3542	553.9	.2736-02
158	-15.000	.61900-01	167.00	.2577	.3050	.3358	38.97	10.04	.3550	555.1	.3795-02
158	-15.000	.70900-01	168.00	.2229	.2638	.2904	38.95	8.680	.3553	555.6	.3281-02
158	-15.000	.80700-01	169.00	.1824	.2158	.2376	38.97	7.106	.3550	555.1	.2685-02
158	-15.000	.94300-01	170.00	.2648	.3134	.3451	38.96	10.32	.3552	555.3	.3899-02
158	-15.000	.97800-01	171.00	.2195	.2597	.2860	38.97	8.552	.3550	555.1	.3231-02
158	-15.000	.10130	172.00	.1975	.2337	.2573	38.99	7.701	.3546	554.5	.2908-02
158	-7.5000	.61900-01	161.00	.2658	.3147	.3465	38.93	10.35	.3556	556.0	.3914-02
158	-7.5000	.70900-01	162.00	.2018	.2389	.2631	38.93	7.857	.3556	556.0	.2972-02
158	-7.5000	.80700-01	163.00	.1984	.2349	.2586	38.95	7.730	.3553	555.5	.2922-02
158	-7.5000	.94300-01	164.00	.2260	.2675	.2945	38.97	8.806	.3551	555.2	.3328-02
158	-7.5000	.97800-01	165.00	.1466	.1735	.1910	39.00	5.719	.3545	554.2	.2159-02
158	-7.5000	.10130	166.00	.1224	.1448	.1594	39.00	4.773	.3545	554.2	.1802-02

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
167	5.000	.0000	7.300	1.032	237.5	1483.	365.1	.4270-01	130.5	.2745-04	4088.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
167	.0000	.8431-01

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
167	-22.500	.80700-01	173.00	.1191	.1408	.1549	20.01	2.383	.3503	533.1	.3288-02
167	-22.500	.94300-01	174.00	.9078-01	.1073	.1181	19.99	1.815	.3507	533.7	.2506-02
167	-22.500	.97800-01	175.00	.1049	.1240	.1364	19.99	2.096	.3510	534.1	.2896-02
167	-22.500	.10130	176.00	.8864-01	.1048	.1153	19.98	1.771	.3510	534.2	.2448-02
167	-15.000	.61900-01	167.00	.1548	.1829	.2012	20.01	3.097	.3502	532.9	.4273-02
167	-15.000	.70900-01	168.00	.1292	.1527	.1680	20.00	2.583	.3505	533.4	.3566-02
167	-15.000	.80700-01	169.00	.1007	.1191	.1310	19.99	2.013	.3509	534.0	.2781-02
167	-15.000	.94300-01	170.00	.1469	.1737	.1911	19.96	2.933	.3516	535.1	.4057-02
167	-15.000	.97800-01	171.00	.1201	.1420	.1562	19.96	2.396	.3518	535.4	.3316-02
167	-15.000	.10130	172.00	.1074	.1270	.1397	19.97	2.145	.3515	535.0	.2966-02
167	-7.5000	.61900-01	161.00	.1269	.1500	.1650	20.00	2.537	.3506	533.6	.3503-02
167	-7.5000	.70900-01	162.00	.1186	.1402	.1542	19.99	2.371	.3508	533.9	.3275-02
167	-7.5000	.80700-01	163.00	.1121	.1325	.1458	19.98	2.240	.3512	534.4	.3095-02
167	-7.5000	.94300-01	164.00	.1145	.1354	.1490	19.96	2.286	.3517	535.2	.3162-02
167	-7.5000	.97800-01	165.00	.7723-01	.9125-01	.1004	20.04	1.548	.3492	531.4	.2132-02
167	-7.5000	.10130	166.00	.6762-01	.7995-01	.8798-01	19.96	1.349	.3518	535.4	.1867-02

OH105-B 83-0 UPPER RCS NOZZLES (R3R906)

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
165	5.000	.0000	7.300	2.016	468.3	1492.	367.3	.8413-01	131.3	.5377-04	4100.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
165	.0000	.1184

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
165	-22.500	.80700-01	173.00	.1332	.1577	.1736	27.99	3.727	.3563	545.5	.2631-02
165	-22.500	.94300-01	174.00	.1101	.1304	.1436	27.98	3.082	.3565	545.8	.2176-02
165	-22.500	.97800-01	175.00	.1316	.1558	.1716	27.98	3.681	.3566	545.9	.2600-02
165	-22.500	.10130	176.00	.1154	.1367	.1505	27.98	3.229	.3566	545.8	.2281-02
165	-15.000	.61900-01	167.00	.1751	.2073	.2283	27.97	4.897	.3568	546.2	.3460-02
165	-15.000	.70900-01	168.00	.1479	.1751	.1929	27.95	4.133	.3571	546.7	.2922-02
165	-15.000	.80700-01	169.00	.1153	.1365	.1504	27.95	3.223	.3571	546.7	.2279-02
165	-15.000	.94300-01	170.00	.1787	.2116	.2331	27.94	4.991	.3575	547.3	.3531-02
165	-15.000	.97800-01	171.00	.1443	.1709	.1882	27.92	4.028	.3578	547.7	.2852-02
165	-15.000	.10130	172.00	.1270	.1504	.1657	27.95	3.550	.3572	546.8	.2510-02
165	-7.5000	.61900-01	161.00	.1547	.1833	.2019	27.94	4.323	.3575	547.2	.3059-02
165	-7.5000	.70900-01	162.00	.1376	.1630	.1795	27.93	3.843	.3576	547.4	.2720-02
165	-7.5000	.80700-01	163.00	.1275	.1510	.1663	27.94	3.562	.3575	547.2	.2520-02
165	-7.5000	.94300-01	164.00	.1388	.1644	.1811	27.92	3.875	.3577	547.6	.2743-02
165	-7.5000	.97800-01	165.00	.9270-01	.1098	.1209	27.96	2.592	.3570	546.5	.1832-02
165	-7.5000	.10130	166.00	.7993-01	.9465-01	.1043	27.95	2.234	.3573	546.9	.1580-02

OH105-B 83-0 UPPER RCS NOZZLES

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPOBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
164	5.000	.0000	7.300	2.963	700.4	1507.	371.3	.1257	132.7	.7947-04	4122.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
164	.0000	.1449

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
164	-22.500	.80700-01	173.00	.1460	.1728	.1903	34.59	5.049	.3568	552.1	.2375-02
164	-22.500	.94300-01	174.00	.1269	.1503	.1655	34.58	4.389	.3568	552.2	.2065-02
164	-22.500	.97800-01	175.00	.1514	.1793	.1974	34.59	5.236	.3568	552.2	.2463-02
164	-22.500	.10130	176.00	.1298	.1537	.1693	34.60	4.492	.3565	551.7	.2112-02
164	-15.000	.61900-01	167.00	.1887	.2234	.2461	34.57	6.522	.3571	552.7	.3070-02
164	-15.000	.70900-01	168.00	.1586	.1878	.2069	34.55	5.479	.3574	553.1	.2580-02
164	-15.000	.80700-01	169.00	.1252	.1483	.1633	34.56	4.327	.3572	552.8	.2037-02
164	-15.000	.94300-01	170.00	.1941	.2299	.2532	34.56	6.710	.3572	552.8	.3159-02
164	-15.000	.97800-01	171.00	.1576	.1866	.2056	34.56	5.446	.3573	553.0	.2564-02
164	-15.000	.10130	172.00	.1383	.1637	.1803	34.59	4.783	.3567	552.0	.2249-02
164	-7.5000	.61900-01	161.00	.1802	.2134	.2351	34.55	6.227	.3574	553.1	.2932-02
164	-7.5000	.70900-01	162.00	.1475	.1746	.1924	34.55	5.094	.3575	553.2	.2399-02
164	-7.5000	.80700-01	163.00	.1391	.1648	.1815	34.56	4.809	.3573	552.9	.2264-02
164	-7.5000	.94300-01	164.00	.1570	.1859	.2047	34.57	5.426	.3571	552.7	.2554-02
164	-7.5000	.97800-01	165.00	.1054	.1248	.1374	34.61	3.648	.3564	551.6	.1715-02
164	-7.5000	.10130	166.00	.8550-01	.1012	.1115	34.59	2.958	.3567	552.0	.1391-02

OH105-B 83-0 UPPER RCS NOZZLES (R3R908)

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
163	5.000	.0000	7.300	3.577	865.3	1528.	376.7	.1551	134.7	.9662-04	4152.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
163	.0000	.1612

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
163	-22.500	.80700-01	173.00	.1545	.1825	.2006	39.62	6.122	.3473	545.2	.2277-02
163	-22.500	.94300-01	174.00	.1356	.1601	.1761	39.60	5.369	.3476	545.7	.1999-02
163	-22.500	.97800-01	175.00	.1601	.1891	.2079	39.59	6.338	.3478	546.0	.2360-02
163	-22.500	.10130	176.00	.1345	.1589	.1747	39.59	5.326	.3477	546.0	.1983-02
163	-15.000	.61900-01	167.00	.1954	.2308	.2537	39.59	7.734	.3478	546.1	.2880-02
163	-15.000	.70900-01	168.00	.1660	.1960	.2156	39.56	6.566	.3482	546.7	.2447-02
163	-15.000	.80700-01	169.00	.1337	.1579	.1737	39.57	5.290	.3481	546.6	.1971-02
163	-15.000	.94300-01	170.00	.1991	.2352	.2587	39.54	7.875	.3485	547.2	.2936-02
163	-15.000	.97800-01	171.00	.1614	.1907	.2097	39.52	6.380	.3488	547.7	.2380-02
163	-15.000	.10130	172.00	.1432	.1692	.1860	39.55	5.664	.3483	546.9	.2111-02
163	-7.5000	.61900-01	161.00	.1880	.2221	.2443	39.53	7.434	.3487	547.5	.2773-02
163	-7.5000	.70900-01	162.00	.1509	.1783	.1960	39.52	5.963	.3488	547.7	.2225-02
163	-7.5000	.80700-01	163.00	.1438	.1699	.1869	39.54	5.688	.3485	547.2	.2121-02
163	-7.5000	.94300-01	164.00	.1643	.1941	.2134	39.53	6.494	.3487	547.5	.2422-02
163	-7.5000	.97800-01	165.00	.1075	.1270	.1396	39.57	4.253	.3481	546.6	.1585-02
163	-7.5000	.10130	166.00	.9044-01	.1068	.1175	39.55	3.577	.3484	547.0	.1333-02

OH105-B 83-0 UPPER RCS NOZZLES (R3R909)

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
169	10.00	.0000	7.300	2.007	467.5	1494.	368.0	.8398-01	131.5	.5358-04	4104.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
169	.0000	.1183

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
169	-22.500	.80700-01	173.00	.1031	.1220	.1344	28.08	2.896	.3550	544.4	.2041-02
169	-22.500	.94300-01	174.00	.7957-01	.9420-01	.1037	28.04	2.231	.3558	545.6	.1575-02
169	-22.500	.97800-01	175.00	.9119-01	.1080	.1189	28.03	2.556	.3561	546.2	.1805-02
169	-22.500	.10130	176.00	.7714-01	.9132-01	.1006	28.02	2.162	.3562	546.2	.1527-02
169	-15.000	.61900-01	167.00	.1343	.1590	.1750	28.09	3.774	.3548	544.0	.2659-02
169	-15.000	.70900-01	168.00	.1127	.1334	.1469	28.06	3.163	.3553	544.8	.2231-02
169	-15.000	.80700-01	169.00	.8694-01	.1029	.1133	28.05	2.438	.3557	545.4	.1721-02
169	-15.000	.94300-01	170.00	.1274	.1508	.1661	28.00	3.568	.3567	546.9	.2523-02
169	-15.000	.97800-01	171.00	.1023	.1211	.1334	27.98	2.861	.3572	547.8	.2025-02
169	-15.000	.10130	172.00	.9051-01	.1072	.1180	28.00	2.534	.3568	547.1	.1792-02
169	-7.5000	.61900-01	161.00	.1145	.1355	.1492	28.06	3.213	.3553	544.9	.2267-02
169	-7.5000	.70900-01	162.00	.1053	.1247	.1373	28.05	2.955	.3556	545.4	.2085-02
169	-7.5000	.80700-01	163.00	.9742-01	.1153	.1270	28.04	2.731	.3559	545.7	.1929-02
169	-7.5000	.94300-01	164.00	.9834-01	.1164	.1282	28.00	2.754	.3566	546.9	.1947-02
169	-7.5000	.97800-01	165.00	.6559-01	.7761-01	.8544-01	28.11	1.844	.3543	543.3	.1298-02
169	-7.5000	.10130	166.00	.5709-01	.6760-01	.7445-01	28.00	1.599	.3566	546.9	.1130-02

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
168	10.00	.0000	7.300	3.684	866.1	1502.	370.1	.1555	132.3	.9862-04	4115.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
168	.0000	.1611

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
168	-22.500	.80700-01	173.00	.1188	.1408	.1552	38.16	4.533	.3596	554.6	.1736-02
168	-22.500	.94300-01	174.00	.9878-01	.1171	.1290	38.14	3.767	.3599	555.0	.1443-02
168	-22.500	.97800-01	175.00	.1165	.1381	.1522	38.14	4.444	.3598	555.0	.1703-02
168	-22.500	.10130	176.00	.9937-01	.1178	.1298	38.14	3.790	.3597	554.8	.1452-02
168	-15.000	.61900-01	167.00	.1524	.1806	.1990	38.15	5.813	.3597	554.8	.2226-02
168	-15.000	.70900-01	168.00	.1300	.1541	.1698	38.12	4.955	.3601	555.3	.1899-02
168	-15.000	.80700-01	169.00	.1009	.1196	.1318	38.13	3.848	.3600	555.2	.1474-02
168	-15.000	.94300-01	170.00	.1548	.1835	.2022	38.13	5.903	.3600	555.2	.2262-02
168	-15.000	.97800-01	171.00	.1238	.1468	.1618	38.10	4.718	.3605	556.0	.1810-02
168	-15.000	.10130	172.00	.1089	.1290	.1422	38.15	4.153	.3597	554.8	.1590-02
168	-7.5000	.61900-01	161.00	.1321	.1566	.1726	38.14	5.038	.3599	555.1	.1930-02
168	-7.5000	.70900-01	162.00	.1202	.1424	.1570	38.13	4.582	.3600	555.2	.1756-02
168	-7.5000	.80700-01	163.00	.1105	.1310	.1443	38.14	4.215	.3598	554.9	.1615-02
168	-7.5000	.94300-01	164.00	.1203	.1426	.1571	38.13	4.588	.3599	555.1	.1758-02
168	-7.5000	.97800-01	165.00	.7882-01	.9334-01	.1028	38.30	3.019	.3572	550.9	.1151-02
168	-7.5000	.10130	166.00	.6628-01	.7855-01	.8656-01	38.16	2.529	.3596	554.6	.9684-03

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
170	15.00	.0000	7.300	1.982	467.4	1505.	370.8	.8390-01	132.6	.5311-04	4120.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
170	.0000	.1184

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
170	-22.500	.80700-01	173.00	.7772-01	.9188-01	.1011	28.47	2.213	.3512	542.9	.1545-02
170	-22.500	.94300-01	174.00	.5900-01	.6975-01	.7674-01	28.47	1.680	.3512	542.8	.1173-02
170	-22.500	.97800-01	175.00	.6628-01	.7836-01	.8621-01	28.48	1.888	.3511	542.7	.1317-02
170	-22.500	.10130	176.00	.5352-01	.6327-01	.6961-01	28.48	1.524	.3511	542.7	.1064-02
170	-15.000	.61900-01	167.00	.1022	.1208	.1330	28.41	2.902	.3527	545.1	.2031-02
170	-15.000	.70900-01	168.00	.8239-01	.9745-01	.1072	28.41	2.340	.3527	545.1	.1638-02
170	-15.000	.80700-01	169.00	.6169-01	.7296-01	.8029-01	28.42	1.753	.3524	544.7	.1227-02
170	-15.000	.94300-01	170.00	.8857-01	.1047	.1153	28.42	2.517	.3523	544.6	.1761-02
170	-15.000	.97800-01	171.00	.7075-01	.8367-01	.9208-01	28.42	2.011	.3524	544.7	.1407-02
170	-15.000	.10130	172.00	.6177-01	.7303-01	.8036-01	28.46	1.758	.3515	543.3	.1228-02
170	-7.5000	.61900-01	161.00	.7113-01	.8415-01	.9263-01	28.36	2.017	.3537	546.6	.1415-02
170	-7.5000	.70900-01	162.00	.7440-01	.8802-01	.9688-01	28.37	2.111	.3535	546.3	.1480-02
170	-7.5000	.80700-01	163.00	.7033-01	.8319-01	.9156-01	28.39	1.997	.3531	545.7	.1398-02
170	-7.5000	.94300-01	164.00	.7126-01	.8429-01	.9276-01	28.41	2.024	.3527	545.1	.1417-02
170	-7.5000	.97800-01	165.00	.4883-01	.5771-01	.6348-01	28.53	1.393	.3500	541.0	.9702-03
170	-7.5000	.10130	166.00	.3938-01	.4656-01	.5123-01	28.45	1.120	.3518	543.7	.7828-03

OH105-B 83-0 UPPER RCS NOZZLES

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
171	15.00	.0000	7.300	3.669	865.2	1505.	370.8	.1553	132.6	.9831-04	4120.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
171	.0000	.1610

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
171	-22.500	.80700-01	173.00	.8808-01	.1042	.1147	38.57	3.397	.3538	546.8	.1287-02
171	-22.500	.94300-01	174.00	.6877-01	.8136-01	.8956-01	38.57	2.653	.3538	546.8	.1005-02
171	-22.500	.97800-01	175.00	.7850-01	.9287-01	.1022	38.57	3.028	.3539	546.9	.1147-02
171	-22.500	.10130	176.00	.6545-01	.7743-01	.8522-01	38.58	2.525	.3537	546.6	.9566-03
171	-15.000	.61900-01	167.00	.1167	.1380	.1520	38.54	4.497	.3543	547.5	.1705-02
171	-15.000	.70900-01	168.00	.9755-01	.1154	.1271	38.53	3.758	.3545	547.9	.1426-02
171	-15.000	.80700-01	169.00	.7396-01	.8751-01	.9634-01	38.54	2.851	.3543	547.5	.1081-02
171	-15.000	.94300-01	170.00	.1114	.1318	.1451	38.53	4.291	.3545	547.8	.1628-02
171	-15.000	.97800-01	171.00	.8780-01	.1039	.1144	38.51	3.382	.3548	548.2	.1284-02
171	-15.000	.10130	172.00	.7739-01	.9156-01	.1008	38.55	2.983	.3542	547.3	.1131-02
171	-7.5000	.61900-01	161.00	.9552-01	.1130	.1244	38.53	3.680	.3545	547.8	.1396-02
171	-7.5000	.70900-01	162.00	.9034-01	.1069	.1177	38.51	3.479	.3548	548.2	.1321-02
171	-7.5000	.80700-01	163.00	.8154-01	.9648-01	.1062	38.53	3.142	.3545	547.8	.1192-02
171	-7.5000	.94300-01	164.00	.8427-01	.9971-01	.1098	38.53	3.247	.3544	547.7	.1232-02
171	-7.5000	.97800-01	165.00	.5643-01	.6684-01	.7357-01	38.57	2.179	.3539	546.9	.8257-03
171	-7.5000	.10130	166.00	.4763-01	.5636-01	.6203-01	38.57	1.837	.3539	546.9	.6962-03

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
136	20.00	.0000	7.300	1.927	466.0	1527.	376.6	.8350-01	134.6	.5204-04	4152.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
136	.0000	.1183

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
136	-22.500	.80700-01	173.00	.4461-01	.5270-01	.5795-01	29.02	1.295	.3483	546.8	.8962-03
136	-22.500	.94300-01	174.00	.3216-01	.3799-01	.4177-01	29.02	.9331	.3484	546.8	.6460-03
136	-22.500	.97800-01	175.00	.3906-01	.4614-01	.5074-01	29.02	1.133	.3483	546.8	.7846-03
136	-22.500	.10130	176.00	.3761-01	.4442-01	.4885-01	29.02	1.092	.3482	546.5	.7555-03
136	-15.000	.61900-01	167.00	.7387-01	.8726-01	.9596-01	29.01	2.143	.3484	546.9	.1484-02
136	-15.000	.70900-01	168.00	.5901-01	.6972-01	.7667-01	29.00	1.711	.3488	547.4	.1186-02
136	-15.000	.80700-01	169.00	.4632-01	.5472-01	.6018-01	29.00	1.344	.3486	547.2	.9306-03
136	-15.000	.94300-01	170.00	.6204-01	.7329-01	.8060-01	29.01	1.800	.3485	547.0	.1246-02
136	-15.000	.97800-01	171.00	.4947-01	.5844-01	.6427-01	29.00	1.434	.3487	547.4	.9938-03
136	-15.000	.10130	172.00	.4357-01	.5146-01	.5659-01	29.03	1.265	.3481	546.5	.8752-03
136	-7.5000	.61900-01	161.00	.3861-01	.4561-01	.5015-01	29.02	1.121	.3482	546.6	.7756-03
136	-7.5000	.70900-01	162.00	.4791-01	.5660-01	.6224-01	29.00	1.389	.3486	547.3	.9625-03
136	-7.5000	.80700-01	163.00	.4622-01	.5460-01	.6005-01	29.01	1.341	.3485	547.0	.9286-03
136	-7.5000	.94300-01	164.00	.4866-01	.5748-01	.6320-01	29.02	1.412	.3483	546.7	.9774-03
136	-7.5000	.97800-01	165.00	.3514-01	.4151-01	.4564-01	29.04	1.020	.3479	546.0	.7059-03
136	-7.5000	.10130	166.00	.2894-01	.3418-01	.3759-01	29.03	.8401	.3480	546.3	.5813-03

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
137	20.00	.0000	7.300	3.429	855.7	1556.	384.1	.1530	137.3	.9351-04	4193.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
137	.0000	.1604

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
137	-22.500	.80700-01	173.00	.5572-01	.6574-01	.7223-01	40.42	2.252	.3437	550.3	.8355-03
137	-22.500	.94300-01	174.00	.4187-01	.4939-01	.5427-01	40.42	1.692	.3436	550.2	.6277-03
137	-22.500	.97800-01	175.00	.4974-01	.5868-01	.6447-01	40.42	2.010	.3437	550.3	.7457-03
137	-22.500	.10130	176.00	.4343-01	.5124-01	.5629-01	40.43	1.756	.3435	550.0	.6511-03
137	-15.000	.61900-01	167.00	.8638-01	.1019	.1120	40.40	3.490	.3440	550.7	.1295-02
137	-15.000	.70900-01	168.00	.7050-01	.8319-01	.9141-01	40.39	2.848	.3441	551.0	.1057-02
137	-15.000	.80700-01	169.00	.5556-01	.6555-01	.7202-01	40.41	2.245	.3439	550.6	.8330-03
137	-15.000	.94300-01	170.00	.7764-01	.9160-01	.1007	40.40	3.137	.3440	550.7	.1164-02
137	-15.000	.97800-01	171.00	.6136-01	.7240-01	.7956-01	40.38	2.478	.3443	551.2	.9201-03
137	-15.000	.10130	172.00	.5249-01	.6193-01	.6804-01	40.41	2.121	.3439	550.6	.7870-03
137	-7.5000	.61900-01	161.00	.5502-01	.6491-01	.7132-01	40.41	2.224	.3438	550.4	.8249-03
137	-7.5000	.70900-01	162.00	.6305-01	.7439-01	.8175-01	40.39	2.546	.3442	551.1	.9454-03
137	-7.5000	.80700-01	163.00	.5812-01	.6858-01	.7535-01	40.40	2.348	.3439	550.7	.8715-03
137	-7.5000	.94300-01	164.00	.6048-01	.7136-01	.7841-01	40.40	2.444	.3439	550.7	.9069-03
137	-7.5000	.97800-01	165.00	.4138-01	.4882-01	.5364-01	40.43	1.673	.3435	550.0	.6204-03
137	-7.5000	.10130	166.00	.3469-01	.4092-01	.4496-01	40.43	1.402	.3436	550.0	.5201-03

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
135	20.00	.0000	7.300	1.030	236.9	1483.	365.0	.4259-01	130.5	.2739-04	4087.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
135	.0000	.8420-01

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
135	-22.500	.80700-01	173.00	.2369-01	.2804-01	.3087-01	19.81	.4692	.3555	540.8	.6555-03
135	-22.500	.94300-01	174.00	.1506-01	.1782-01	.1962-01	19.82	.2983	.3553	540.5	.4166-03
135	-22.500	.97800-01	175.00	.1956-01	.2315-01	.2549-01	19.81	.3876	.3554	540.6	.5413-03
135	-22.500	.10130	176.00	.1742-01	.2062-01	.2270-01	19.82	.3454	.3551	540.2	.4821-03
135	-15.000	.61900-01	167.00	.5289-01	.6260-01	.6894-01	19.80	1.047	.3557	541.1	.1464-02
135	-15.000	.70900-01	168.00	.4030-01	.4771-01	.5253-01	19.80	.7982	.3556	541.0	.1115-02
135	-15.000	.80700-01	169.00	.3070-01	.3634-01	.4001-01	19.81	.6083	.3553	540.6	.8495-03
135	-15.000	.94300-01	170.00	.4100-01	.4853-01	.5343-01	19.81	.8121	.3555	540.8	.1134-02
135	-15.000	.97800-01	171.00	.3772-01	.4465-01	.4917-01	19.78	.7462	.3562	542.0	.1044-02
135	-15.000	.10130	172.00	.3151-01	.3730-01	.4107-01	19.81	.6242	.3555	540.8	.8720-03
135	-7.5000	.61900-01	161.00	.2705-01	.3202-01	.3525-01	19.81	.5358	.3555	540.8	.7485-03
135	-7.5000	.70900-01	162.00	.2765-01	.3273-01	.3604-01	19.80	.5476	.3556	541.0	.7652-03
135	-7.5000	.80700-01	163.00	.2670-01	.3161-01	.3480-01	19.81	.5289	.3555	540.8	.7389-03
135	-7.5000	.94300-01	164.00	.2802-01	.3316-01	.3652-01	19.81	.5550	.3555	540.8	.7753-03
135	-7.5000	.97800-01	165.00	.2099-01	.2484-01	.2734-01	19.82	.4160	.3550	540.1	.5806-03
135	-7.5000	.10130	166.00	.1785-01	.2113-01	.2326-01	19.83	.3540	.3549	540.0	.4940-03

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
148	.0000	-1.000	7.300	1.030	236.3	1481.	364.4	.4249-01	130.3	.2737-04	4084.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
148	.0000	.8409-01

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
148	-22.500	.80700-01	173.00	.1522	.1810	.2000	19.19	2.920	.3730	566.5	.4228-02
148	-22.500	.94300-01	174.00	.1204	.1432	.1582	19.18	2.309	.3733	566.9	.3345-02
148	-22.500	.97800-01	175.00	.1428	.1699	.1877	19.18	2.739	.3733	566.9	.3968-02
148	-22.500	.10130	176.00	.1250	.1487	.1643	19.18	2.397	.3733	567.0	.3473-02
148	-15.000	.61900-01	167.00	.1982	.2359	.2606	19.19	3.803	.3732	566.8	.5509-02
148	-15.000	.70900-01	168.00	.1676	.1994	.2203	19.18	3.214	.3735	567.2	.4657-02
148	-15.000	.80700-01	169.00	.1303	.1550	.1713	19.17	2.497	.3738	567.7	.3621-02
148	-15.000	.94300-01	170.00	.2001	.2382	.2632	19.17	3.836	.3738	567.8	.5562-02
148	-15.000	.97800-01	171.00	.1647	.1961	.2166	19.16	3.157	.3739	567.9	.4579-02
148	-15.000	.10130	172.00	.1478	.1759	.1944	19.17	2.834	.3736	567.5	.4108-02
148	-7.5000	.61900-01	161.00	.2005	.2385	.2636	19.17	3.843	.3736	567.5	.5571-02
148	-7.5000	.70900-01	162.00	.1590	.1892	.2090	19.16	3.046	.3739	567.9	.4418-02
148	-7.5000	.80700-01	163.00	.1491	.1774	.1961	19.16	2.857	.3740	568.1	.4144-02
148	-7.5000	.94300-01	164.00	.1537	.1829	.2021	19.15	2.943	.3743	568.5	.4272-02
148	-7.5000	.97800-01	165.00	.1058	.1259	.1391	19.16	2.027	.3740	568.1	.2940-02
148	-7.5000	.10130	166.00	.8860-01	.1054	.1165	19.16	1.697	.3741	568.3	.2463-02

OH105-B 83-0 UPPER RCS NOZZLES (R3R917)

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
149	.0000	-1.000	7.300	1.934	465.5	1523.	375.6	.8345-01	134.3	.5215-04	4146.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
149	.0000	.1182

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
149	-22.500	.80700-01	173.00	.1756	.2071	.2275	29.17	5.120	.3431	537.1	.3518-02
149	-22.500	.94300-01	174.00	.1496	.1765	.1939	29.15	4.362	.3434	537.6	.2999-02
149	-22.500	.97800-01	175.00	.1813	.2139	.2350	29.14	5.284	.3436	537.9	.3634-02
149	-22.500	.10130	176.00	.1563	.1844	.2026	29.14	4.554	.3436	537.9	.3132-02
149	-15.000	.61900-01	167.00	.2246	.2650	.2912	29.15	6.549	.3434	537.6	.4503-02
149	-15.000	.70900-01	168.00	.1913	.2257	.2480	29.13	5.573	.3438	538.3	.3835-02
149	-15.000	.80700-01	169.00	.1529	.1804	.1982	29.12	4.452	.3440	538.5	.3065-02
149	-15.000	.94300-01	170.00	.2414	.2849	.3131	29.10	7.025	.3445	539.3	.4840-02
149	-15.000	.97800-01	171.00	.1956	.2309	.2537	29.09	5.692	.3446	539.5	.3922-02
149	-15.000	.10130	172.00	.1741	.2054	.2257	29.10	5.066	.3444	539.2	.3489-02
149	-7.5000	.61900-01	161.00	.2075	.2449	.2691	29.11	6.042	.3442	538.8	.4160-02
149	-7.5000	.70900-01	162.00	.1758	.2074	.2279	29.10	5.115	.3445	539.2	.3524-02
149	-7.5000	.80700-01	163.00	.1657	.1955	.2149	29.10	4.822	.3445	539.3	.3322-02
149	-7.5000	.94300-01	164.00	.1847	.2180	.2395	29.08	5.372	.3448	539.8	.3703-02
149	-7.5000	.97800-01	165.00	.1266	.1494	.1642	29.09	3.684	.3447	539.6	.2539-02
149	-7.5000	.10130	166.00	.1064	.1255	.1380	29.09	3.094	.3448	539.8	.2133-02

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
150	.0000	-1.000	7.300	2.993	699.4	1497.	368.7	.1256	131.8	.7998-04	4108.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
150	.0000	.1447

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
150	-22.500	.80700-01	173.00	.2017	.2390	.2633	34.22	6.904	.3583	550.6	.3271-02
150	-22.500	.94300-01	174.00	.1783	.2113	.2328	34.22	6.103	.3584	550.6	.2892-02
150	-22.500	.97800-01	175.00	.2115	.2505	.2760	34.23	7.238	.3583	550.5	.3429-02
150	-22.500	.10130	176.00	.1777	.2104	.2318	34.23	6.082	.3582	550.3	.2881-02
150	-15.000	.61900-01	167.00	.2458	.2912	.3209	34.19	8.405	.3589	551.4	.3986-02
150	-15.000	.70900-01	168.00	.2124	.2517	.2773	34.17	7.258	.3592	551.9	.3444-02
150	-15.000	.80700-01	169.00	.1731	.2051	.2260	34.17	5.915	.3592	551.9	.2807-02
150	-15.000	.94300-01	170.00	.2601	.3082	.3397	34.17	8.889	.3593	552.0	.4219-02
150	-15.000	.97800-01	171.00	.2149	.2546	.2805	34.18	7.344	.3591	551.8	.3485-02
150	-15.000	.10130	172.00	.1922	.2277	.2508	34.21	6.574	.3586	550.9	.3116-02
150	-7.5000	.61900-01	161.00	.2181	.2585	.2848	34.16	7.451	.3594	552.3	.3538-02
150	-7.5000	.70900-01	162.00	.1924	.2281	.2513	34.16	6.573	.3595	552.4	.3121-02
150	-7.5000	.80700-01	163.00	.1860	.2204	.2429	34.16	6.354	.3594	552.2	.3017-02
150	-7.5000	.94300-01	164.00	.2120	.2512	.2768	34.17	7.243	.3593	552.0	.3438-02
150	-7.5000	.97800-01	165.00	.1403	.1662	.1831	34.20	4.798	.3588	551.3	.2275-02
150	-7.5000	.10130	166.00	.1158	.1372	.1512	34.19	3.960	.3589	551.4	.1878-02

OH105-B 83-0 UPPER RCS NOZZLES

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
151	.0000	-1.000	7.300	3.654	865.5	1509.	371.8	.1553	132.9	.9806-04	4125.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
151	.0000	.1611

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
151	-22.500	.80700-01	173.00	.2142	.2537	.2795	38.46	8.240	.3574	553.7	.3138-02
151	-22.500	.94300-01	174.00	.1906	.2258	.2487	38.46	7.331	.3575	553.9	.2793-02
151	-22.500	.97800-01	175.00	.2223	.2633	.2900	38.46	8.548	.3575	553.9	.3256-02
151	-22.500	.10130	176.00	.1845	.2185	.2407	38.46	7.097	.3573	553.7	.2703-02
151	-15.000	.61900-01	167.00	.2554	.3025	.3333	38.42	9.814	.3580	554.7	.3742-02
151	-15.000	.70900-01	168.00	.2226	.2637	.2905	38.40	8.547	.3584	555.4	.3262-02
151	-15.000	.80700-01	169.00	.1842	.2182	.2404	38.41	7.075	.3583	555.2	.2699-02
151	-15.000	.94300-01	170.00	.2671	.3165	.3487	38.38	10.25	.3587	555.8	.3914-02
151	-15.000	.97800-01	171.00	.2222	.2632	.2900	38.39	8.527	.3586	555.6	.3255-02
151	-15.000	.10130	172.00	.2002	.2372	.2613	38.43	7.694	.3579	554.6	.2934-02
151	-7.5000	.61900-01	161.00	.2016	.2389	.2632	38.38	7.738	.3587	555.9	.2955-02
151	-7.5000	.70900-01	162.00	.1991	.2358	.2599	38.37	7.638	.3588	556.0	.2917-02
151	-7.5000	.80700-01	163.00	.1955	.2316	.2552	38.38	7.504	.3587	555.8	.2865-02
151	-7.5000	.94300-01	164.00	.2232	.2644	.2913	38.38	8.566	.3587	555.8	.3271-02
151	-7.5000	.97800-01	165.00	.1499	.1776	.1957	38.41	5.759	.3582	555.0	.2197-02
151	-7.5000	.10130	166.00	.1229	.1456	.1604	38.42	4.721	.3581	554.8	.1801-02

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
155	.0000	1.000	7.300	1.066	240.7	1467.	360.8	.4332-01	129.0	.2818-04	4063.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
155	.0000	.8482-01

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
155	-22.500	.80700-01	173.00	.1449	.1715	.1888	19.73	2.859	.3553	534.2	.3949-02
155	-22.500	.94300-01	174.00	.1228	.1454	.1601	19.73	2.423	.3554	534.4	.3347-02
155	-22.500	.97800-01	175.00	.1517	.1796	.1977	19.73	2.993	.3555	534.5	.4135-02
155	-22.500	.10130	176.00	.1351	.1599	.1761	19.73	2.665	.3554	534.4	.3682-02
155	-15.000	.61900-01	167.00	.2003	.2371	.2611	19.72	3.950	.3558	535.0	.5460-02
155	-15.000	.70900-01	168.00	.1732	.2050	.2258	19.72	3.414	.3558	535.1	.4720-02
155	-15.000	.80700-01	169.00	.1335	.1581	.1741	19.71	2.632	.3561	535.4	.3640-02
155	-15.000	.94300-01	170.00	.2054	.2432	.2678	19.70	4.046	.3564	535.9	.5599-02
155	-15.000	.97800-01	171.00	.1656	.1961	.2160	19.69	3.262	.3565	536.0	.4515-02
155	-15.000	.10130	172.00	.1477	.1749	.1926	19.70	2.911	.3562	535.5	.4027-02
155	-7.5000	.61900-01	161.00	.2000	.2368	.2608	19.69	3.938	.3565	536.1	.5451-02
155	-7.5000	.70900-01	162.00	.1595	.1889	.2080	19.70	3.142	.3564	535.8	.4348-02
155	-7.5000	.80700-01	163.00	.1476	.1747	.1925	19.69	2.907	.3565	536.1	.4023-02
155	-7.5000	.94300-01	164.00	.1515	.1794	.1976	19.69	2.982	.3568	536.4	.4130-02
155	-7.5000	.97800-01	165.00	.1042	.1234	.1359	19.70	2.053	.3565	536.0	.2841-02
155	-7.5000	.10130	166.00	.9029-01	.1069	.1177	19.69	1.778	.3567	536.3	.2461-02

OH105-B 83-0 UPPER RCS NOZZLES (R3R921)

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
154	.0000	1.000	7.300	2.036	469.2	1485.	365.4	.8433-01	130.6	.5417-04	4090.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
154	.0000	.1185

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
154	-22.500	.80700-01	173.00	.1643	.1948	.2146	27.71	4.555	.3598	547.9	.3237-02
154	-22.500	.94300-01	174.00	.1466	.1738	1915	27.71	4.063	.3599	548.1	.2888-02
154	-22.500	.97800-01	175.00	.1798	.2131	.2349	27.71	4.983	.3599	548.1	.3542-02
154	-22.500	.10130	176.00	.1538	.1822	.2008	27.71	4.261	.3599	548.1	.3029-02
154	-15.000	.61900-01	167.00	.2162	.2562	.2824	27.70	5.987	.3601	548.5	.4258-02
154	-15.000	.70900-01	168.00	.1837	.2177	.2400	27.68	5.085	.3604	548.9	.3618-02
154	-15.000	.80700-01	169.00	.1460	.1730	.1907	27.68	4.041	.3604	548.9	.2876-02
154	-15.000	.94300-01	170.00	.2261	.2680	.2953	27.69	6.259	.3604	548.9	.4453-02
154	-15.000	.97800-01	171.00	.1839	.2180	.2402	27.68	5.090	.3605	549.1	.3622-02
154	-15.000	.10130	172.00	.1622	.1922	.2118	27.70	4.492	.3600	548.3	.3194-02
154	-7.5000	.61900-01	161.00	.2150	.2548	.2809	27.67	5.948	.3607	549.4	.4235-02
154	-7.5000	.70900-01	162.00	.1694	.2008	.2213	27.67	4.688	.3607	549.4	.3337-02
154	-7.5000	.80700-01	163.00	.1606	.1904	.2098	27.68	4.445	.3606	549.2	.3164-02
154	-7.5000	.94300-01	164.00	.1812	.2148	.2367	27.67	5.014	.3606	549.2	.3569-02
154	-7.5000	.97800-01	165.00	.1236	.1466	.1615	27.69	3.424	.3603	548.8	.2435-02
154	-7.5000	.10130	166.00	.1018	.1207	.1330	27.69	2.820	.3604	548.8	.2006-02

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
153	.0000	1.000	7.300	3.014	699.8	1491.	367.2	.1257	131.3	.8038-04	4099.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
153	.0000	.1448

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
153	-22.500	.80700-01	173.00	.1947	.2307	.2542	34.05	6.629	.3591	549.5	.3149-02
153	-22.500	.94300-01	174.00	.1750	.2074	.2285	34.06	5.960	.3590	549.3	.2830-02
153	-22.500	.97800-01	175.00	.2083	.2467	.2719	34.06	7.093	.3589	549.2	.3368-02
153	-22.500	.10130	176.00	.1741	.2063	.2272	34.07	5.931	.3587	548.9	.2815-02
153	-15.000	.61900-01	167.00	.2419	.2867	.3159	34.01	8.226	.3599	550.7	.3912-02
153	-15.000	.70900-01	168.00	.2087	.2473	.2726	33.99	7.092	.3602	551.2	.3375-02
153	-15.000	.80700-01	169.00	.1703	.2019	.2225	33.99	5.790	.3601	551.0	.2755-02
153	-15.000	.94300-01	170.00	.2511	.2976	.3280	33.98	8.532	.3603	551.4	.4062-02
153	-15.000	.97800-01	171.00	.2056	.2437	.2686	33.99	6.989	.3602	551.2	.3326-02
153	-15.000	.10130	172.00	.1841	.2181	.2404	34.03	6.263	.3595	550.2	.2977-02
153	-7.5000	.61900-01	161.00	.2014	.2388	.2632	33.96	6.840	.3608	552.1	.3259-02
153	-7.5000	.70900-01	162.00	.1890	.2241	.2470	33.95	6.419	.3608	552.1	.3058-02
153	-7.5000	.80700-01	163.00	.1848	.2190	.2414	33.97	6.276	.3606	551.8	.2989-02
153	-7.5000	.94300-01	164.00	.2101	.2491	.2745	33.97	7.137	.3606	551.8	.3399-02
153	-7.5000	.97800-01	165.00	.1408	.1669	.1839	34.00	4.788	.3599	550.8	.2277-02
153	-7.5000	.10130	166.00	.1180	.1398	.1541	34.02	4.014	.3597	550.5	.1909-02

OH105-B 83-0 UPPER RCS NOZZLES (R3R923)

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
152	.0000	1.000	7.300	3.701	865.1	1497.	368.7	.1554	131.8	.9890-04	4108.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
152	.0000	.1610

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
152	-22.500	.80700-01	173.00	.2131	.2522	.2776	38.33	8.169	.3541	544.2	.3105-02
152	-22.500	.94300-01	174.00	.1903	.2252	.2479	38.32	7.293	.3543	544.5	.2773-02
152	-22.500	.97800-01	175.00	.2227	.2635	.2901	38.32	8.532	.3544	544.6	.3244-02
152	-22.500	.10130	176.00	.1864	.2206	.2428	38.31	7.141	.3544	544.7	.2715-02
152	-15.000	.61900-01	167.00	.2566	.3037	.3344	38.25	9.816	.3554	546.2	.3739-02
152	-15.000	.70900-01	168.00	.2226	.2635	.2901	38.24	8.510	.3557	546.6	.3243-02
152	-15.000	.80700-01	169.00	.1841	.2179	.2399	38.24	7.038	.3556	546.5	.2682-02
152	-15.000	.94300-01	170.00	.2639	.3123	.3439	38.25	10.09	.3555	546.3	.3845-02
152	-15.000	.97800-01	171.00	.2186	.2587	.2849	38.24	8.358	.3556	546.5	.3185-02
152	-15.000	.10130	172.00	.1964	.2324	.2559	38.28	7.517	.3550	545.6	.2862-02
152	-7.5000	.61900-01	161.00	.1682	.1991	.2193	38.18	6.420	.3566	548.0	.2451-02
152	-7.5000	.70900-01	162.00	.2016	.2387	.2629	38.18	7.699	.3565	547.9	.2939-02
152	-7.5000	.80700-01	163.00	.1993	.2359	.2598	38.20	7.613	.3562	547.4	.2904-02
152	-7.5000	.94300-01	164.00	.2263	.2679	.2950	38.21	8.646	.3561	547.2	.3298-02
152	-7.5000	.97800-01	165.00	.1489	.1763	.1941	38.24	5.693	.3557	546.6	.2170-02
152	-7.5000	.10130	166.00	.1242	.1471	.1619	38.24	4.751	.3556	546.4	.1810-02

OH105-B 83-0 UPPER RCS NOZZLES (R3R924)

UPPER RCS NOZZLES

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
156	.0000	.0000	7.300	3.657	864.9	1507.	371.4	.1552	132.8	.9809-04	4123.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
156	.0000	.1610

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
156	-22.500	.80700-01	173.00	.2157	.2544	.2795	39.31	8.480	.3429	530.8	.3149-02
156	-22.500	.94300-01	174.00	.1905	.2248	.2469	39.30	7.488	.3432	531.2	.2782-02
156	-22.500	.97800-01	175.00	.2232	.2633	.2893	39.29	8.772	.3432	531.3	.3260-02
156	-22.500	.10130	176.00	.1876	.2213	.2431	39.30	7.372	.3432	531.2	.2739-02
156	-15.000	.61900-01	167.00	.2576	.3039	.3339	39.29	10.12	.3433	531.5	.3762-02
156	-15.000	.70900-01	168.00	.2239	.2641	.2902	39.27	8.792	.3437	532.0	.3270-02
156	-15.000	.80700-01	169.00	.1842	.2173	.2387	39.27	7.233	.3436	531.8	.2690-02
156	-15.000	.94300-01	170.00	.2668	.3147	.3458	39.27	10.48	.3437	532.0	.3896-02
156	-15.000	.97800-01	171.00	.2221	.2621	.2880	39.24	8.717	.3440	532.6	.3244-02
156	-15.000	.10130	172.00	.2008	.2368	.2602	39.28	7.887	.3434	531.6	.2932-02
156	-7.5000	.61900-01	161.00	.2260	.2667	.2930	39.25	8.872	.3440	532.5	.3301-02
156	-7.5000	.70900-01	162.00	.2015	.2378	.2613	39.24	7.909	.3440	532.5	.2943-02
156	-7.5000	.80700-01	163.00	.1987	.2344	.2575	39.27	7.801	.3437	532.0	.2901-02
156	-7.5000	.94300-01	164.00	.2257	.2663	.2926	39.26	8.861	.3437	532.1	.3296-02
156	-7.5000	.97800-01	165.00	.1484	.1750	.1923	39.27	5.825	.3437	532.0	.2166-02
156	-7.5000	.10130	166.00	.1239	.1462	.1606	39.26	4.865	.3438	532.1	.1810-02

OH105-B 83-0 CANOPY (R3R801)

CANOPY

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
161	.0000	.0000	7.300	1.032	227.7	1447.	355.5	.4103-01	127.1	.2709-04	4034.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
161	.0000	.8243-01

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
161	1.0000	177.00	.59682	.7110	.7862	18.23	10.88	.3773	559.1	.1666-01
161	1.0000	178.00	.97961	1.168	1.292	18.17	17.79	.3795	562.4	.2736-01
161	1.0000	179.00	1.0631	1.267	1.401	18.22	19.37	.3778	559.8	.2967-01
161	1.0000	180.00	.48113	.5732	.6338	18.23	8.773	.3773	559.1	.1343-01
161	1.0000	181.00	.55185	.6575	.7270	18.23	10.06	.3775	559.4	.1540-01
161	1.0000	182.00	.70358	.8383	.9271	18.22	12.82	.3778	559.7	.1964-01
161	1.0000	183.00	.10166	.1211	.1339	18.23	1.853	.3774	559.2	.2837-02
161	1.0000	184.00	.13320	.1587	.1755	18.23	2.428	.3774	559.2	.3718-02
161	1.0000	185.00	.46141	.5497	.6079	18.23	8.410	.3775	559.4	.1288-01
161	1.0000	186.00	.56895	.6779	.7496	18.22	10.37	.3777	559.6	.1588-01
161	1.0000	187.00	.70724	.8426	.9318	18.22	12.89	.3777	559.6	.1974-01
161	1.0000	188.00	.94980	1.132	1.252	18.21	17.29	.3781	560.3	.2651-01
161	1.0000	189.00	.49650	.5916	.6542	18.22	9.047	.3777	559.7	.1386-01
161	1.0000	190.00	.63864	.7610	.8415	18.22	11.63	.3778	559.9	.1783-01
161	1.0000	191.00	.74720	.8903	.9846	18.21	13.61	.3779	560.0	.2086-01
161	1.0000	192.00	.33693	.4014	.4439	18.22	6.139	.3777	559.7	.9405-02
161	1.0000	193.00	.51397	.6125	.6773	18.21	9.359	.3781	560.3	.1435-01
161	1.0000	194.00	.27926	.3327	.3680	18.21	5.086	.3780	560.0	.7795-02
161	1.0000	195.00	.36580	.4359	.4822	18.20	6.657	.3785	560.8	.1021-01
161	1.0000	196.00	.33483	.3990	.4413	18.21	6.096	.3782	560.4	.9347-02
161	1.0000	197.00	.57584-01	.6861-01	.7587-01	18.22	1.049	.3776	559.5	.1607-02

OH105-B 83-0 CANOPY (R3R801)

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
161	1.0000	198.00	.11799	.1406	.1555	18.22	2.149	.3779	559.9	.3293-02
161	1.0000	199.00	.24094	.2871	.3176	18.20	4.386	.3783	560.5	.6726-02
161	1.0000	200.00	.37897	.4516	.4995	18.20	6.897	.3784	560.7	.1058-01
161	1.0000	201.00	.47677	.5682	.6284	18.20	8.676	.3785	560.8	.1331-01
161	1.0000	202.00	.25481	.3037	.3359	18.20	4.637	.3785	560.8	.7114-02
161	1.0000	203.00	.30886	.3681	.4071	18.20	5.620	.3785	560.8	.8623-02
161	1.0000	204.00	.51666	.6158	.6811	18.19	9.400	.3786	561.0	.1442-01
161	1.0000	205.00	.54655	.6514	.7205	18.19	9.944	.3786	561.0	.1526-01
161	1.0000	207.00	.21453	.2557	.2828	18.19	3.902	.3787	561.2	.5990-02
161	1.0000	208.00	.14191	.1691	.1871	18.19	2.581	.3789	561.4	.3962-02
161	1.0000	209.00	.10672	.1272	.1407	18.19	1.941	.3788	561.3	.2980-02
161	1.0000	210.00	.11418	.1361	.1505	18.18	2.076	.3789	561.4	.3188-02
161	1.0000	211.00	.11304	.1347	.1490	18.21	2.058	.3781	560.2	.3156-02
161	1.0000	212.00	.15806	.1884	.2083	18.20	2.877	.3784	560.7	.4413-02
161	1.0000	213.00	.18744	.2234	.2472	18.18	3.408	.3791	561.7	.5234-02
161	1.0000	215.00	.16700	.1991	.2202	18.18	3.035	.3792	561.9	.4663-02
161	1.0000	216.00	.15723	.1874	.2073	18.19	2.859	.3789	561.4	.4390-02
161	1.0000	217.00	.15670	.1867	.2065	18.22	2.855	.3778	559.8	.4374-02
161	1.0000	218.00	.21246	.2532	.2800	18.20	3.868	.3783	560.5	.5931-02
161	1.0000	219.00	.17872	.2130	.2356	18.20	3.253	.3783	560.5	.4989-02
161	1.0000	220.00	.18967	.2260	.2500	18.21	3.454	.3781	560.2	.5295-02
161	1.0000	221.00	.10366	.1235	.1366	18.23	1.890	.3775	559.3	.2893-02
161	1.0000	222.00	.11200	.1335	.1476	18.21	2.040	.3780	560.1	.3126-02
161	1.0000	223.00	.10452	.1245	.1377	18.22	1.904	.3779	559.9	.2918-02

CANOPY

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
160	.0000	.0000	7.300	1.982	467.7	1506.	370.9	.8394-01	132.6	.5312-04	4120.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
160	.0000	.1184

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
160	1.0000	177.00	.68665	.8150	.8990	27.86	19.13	.3650	564.3	.1369-01
160	1.0000	178.00	1.1012	1.308	1.443	27.76	30.56	.3672	567.7	.2196-01
160	1.0000	179.00	1.2128	1.440	1.588	27.84	33.76	.3655	565.0	.2418-01
160	1.0000	180.00	.49717	.5901	.6509	27.87	13.86	.3647	563.9	.9910-02
160	1.0000	181.00	.60838	.7221	.7965	27.86	16.95	.3649	564.2	.1213-01
160	1.0000	182.00	.78875	.9362	1.033	27.85	21.97	.3651	564.4	.1572-01
160	1.0000	183.00	.14495	.1720	.1898	27.86	4.038	.3650	564.3	.2889-02
160	1.0000	184.00	.20958	.2488	.2744	27.86	5.840	.3649	564.1	.4178-02
160	1.0000	185.00	.47946	.5691	.6277	27.86	13.36	.3649	564.1	.9558-02
160	1.0000	186.00	.62730	.7446	.8213	27.86	17.47	.3650	564.3	.1250-01
160	1.0000	187.00	.78005	.9259	1.021	27.86	21.73	.3650	564.3	.1555-01
160	1.0000	188.00	1.1635	1.381	1.524	27.83	32.38	.3657	565.3	.2320-01
160	1.0000	189.00	.52799	.6267	.6913	27.86	14.71	.3650	564.2	.1053-01
160	1.0000	190.00	.70694	.8391	.9257	27.85	19.69	.3652	564.5	.1409-01
160	1.0000	191.00	.82614	.9806	1.082	27.85	23.01	.3652	564.6	.1647-01
160	1.0000	192.00	.40536	.4811	.5308	27.85	11.29	.3651	564.4	.8081-02
160	1.0000	193.00	.66161	.7854	.8665	27.83	18.41	.3656	565.1	.1319-01
160	1.0000	194.00	.32962	.3912	.4316	27.85	9.180	.3652	564.5	.6571-02
160	1.0000	195.00	.43372	.5149	.5681	27.82	12.07	.3657	565.4	.8647-02
160	1.0000	196.00	.41352	.4909	.5415	27.84	11.51	.3654	564.9	.8244-02
160	1.0000	197.00	.91149-01	.1082	.1193	27.85	2.539	.3651	564.3	.1817-02

OH105-B 83-0 CANOPY (R3R802)

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
160	1.0000	198.00	.18077	.2146	.2367	27.84	5.033	.3653	564.7	.3604-02
160	1.0000	199.00	.29057	.3449	.3805	27.84	8.089	.3654	564.9	.5793-02
160	1.0000	200.00	.43238	.5133	.5662	27.84	12.04	.3655	565.0	.8620-02
160	1.0000	201.00	.54592	.6481	.7149	27.83	15.19	.3655	565.1	.1088-01
160	1.0000	202.00	.33833	.4017	.4431	27.82	9.413	.3658	565.5	.6746-02
160	1.0000	203.00	.32781	.3892	.4293	27.83	9.123	.3656	565.1	.6536-02
160	1.0000	204.00	.53157	.6310	.6962	27.83	14.79	.3656	565.2	.1060-01
160	1.0000	205.00	.60750	.7212	.7956	27.83	16.91	.3656	565.1	.1211-01
160	1.0000	207.00	.24532	.2912	.3213	27.82	6.824	.3659	565.6	.4891-02
160	1.0000	208.00	.19610	.2328	.2569	27.81	5.454	.3659	565.7	.3910-02
160	1.0000	209.00	.15302	.1817	.2004	27.82	4.257	.3658	565.5	.3051-02
160	1.0000	210.00	.14252	.1692	.1867	27.82	3.965	.3658	565.5	.2842-02
160	1.0000	211.00	.12453	.1478	.1631	27.84	3.466	.3655	564.9	.2483-02
160	1.0000	212.00	.17379	.2063	.2276	27.84	4.838	.3655	564.9	.3465-02
160	1.0000	213.00	.21440	.2546	.2809	27.79	5.958	.3665	566.6	.4275-02
160	1.0000	215.00	.21528	.2556	.2820	27.82	5.989	.3658	565.5	.4292-02
160	1.0000	216.00	.17425	.2069	.2282	27.82	4.848	.3657	565.4	.3474-02
160	1.0000	217.00	.18348	.2178	.2402	27.85	5.111	.3650	564.2	.3658-02
160	1.0000	218.00	.27095	.3216	.3548	27.85	7.546	.3652	564.5	.5401-02
160	1.0000	219.00	.23991	.2848	.3141	27.85	6.682	.3652	564.5	.4783-02
160	1.0000	220.00	.24662	.2927	.3229	27.85	6.869	.3651	564.4	.4916-02
160	1.0000	221.00	.11540	.1370	.1511	27.87	3.217	.3647	563.8	.2300-02
160	1.0000	222.00	.13064	.1551	.1711	27.85	3.639	.3651	564.4	.2604-02
160	1.0000	223.00	.11820	.1403	.1548	27.85	3.292	.3651	564.4	.2356-02

OH105-B 83-0 CANOPY (R3R803)

CANOPY

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
159	.0000	.0000	7.300	2.958	700.3	1508.	371.7	.1257	132.9	.7936-04	4125.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
159	.0000	.1449

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
159	1.0000	177.00	.74640	.8861	.9776	34.12	25.47	.3657	566.5	.1218-01
159	1.0000	178.00	1.1920	1.415	1.561	34.11	40.66	.3659	566.8	.1945-01
159	1.0000	179.00	1.3194	1.566	1.728	34.11	45.00	.3659	566.9	.2153-01
159	1.0000	180.00	.51723	.6140	.6774	34.14	17.66	.3655	566.1	.8438-02
159	1.0000	181.00	.65750	.7806	.8611	34.12	22.43	.3657	566.6	.1073-01
159	1.0000	182.00	.85843	1.019	1.124	34.11	29.28	.3659	566.9	.1401-01
159	1.0000	183.00	.17493	.2077	.2291	34.12	5.968	.3658	566.6	.2854-02
159	1.0000	184.00	.25573	.3036	.3349	34.12	8.726	.3657	566.5	.4172-02
159	1.0000	185.00	.50945	.6048	.6672	34.12	17.38	.3657	566.5	.8312-02
159	1.0000	186.00	.68370	.8117	.8955	34.12	23.33	.3658	566.7	.1115-01
159	1.0000	187.00	.85202	1.012	1.116	34.11	29.07	.3659	566.8	.1390-01
159	1.0000	188.00	1.3064	1.551	1.712	34.09	44.54	.3663	567.4	.2132-01
159	1.0000	189.00	.56453	.6702	.7394	34.12	19.26	.3658	566.6	.9210-02
159	1.0000	190.00	.77181	.9163	1.011	34.11	26.33	.3659	566.9	.1259-01
159	1.0000	191.00	.90709	1.077	1.188	34.10	30.94	.3660	567.0	.1480-01
159	1.0000	192.00	.41266	.4899	.5405	34.11	14.08	.3659	566.9	.6733-02
159	1.0000	193.00	.75246	.8934	.9858	34.09	25.65	.3662	567.3	.1228-01
159	1.0000	194.00	.36470	.4330	.4777	34.10	12.44	.3660	567.0	.5950-02
159	1.0000	195.00	.47346	.5622	.6203	34.08	16.14	.3664	567.6	.7726-02
159	1.0000	196.00	.46028	.5465	.6030	34.10	15.69	.3661	567.2	.7510-02
159	1.0000	197.00	.11903	.1413	.1559	34.13	4.062	.3656	566.4	.1942-02

OH105-B 83-0 CANOPY (R3RB03)

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
159	1.0000	198.00	.21129	.2509	.2768	34.11	7.207	.3659	566.9	.3447-02
159	1.0000	199.00	.31323	.3719	.4104	34.09	10.68	.3663	567.5	.5111-02
159	1.0000	200.00	.47768	.5672	.6258	34.09	16.28	.3663	567.5	.7794-02
159	1.0000	201.00	.59267	.7037	.7765	34.09	20.20	.3664	567.5	.9671-02
159	1.0000	202.00	.38746	.4601	.5076	34.09	13.21	.3664	567.6	.6322-02
159	1.0000	203.00	.34559	.4104	.4528	34.08	11.78	.3665	567.8	.5639-02
159	1.0000	204.00	.57025	.6772	.7472	34.07	19.43	.3666	567.9	.9305-02
159	1.0000	205.00	.66195	.7860	.8673	34.08	22.56	.3664	567.6	.1080-01
159	1.0000	207.00	.26925	.3197	.3528	34.08	9.175	.3665	567.8	.4394-02
159	1.0000	208.00	.23268	.2763	.3049	34.06	7.925	.3668	568.3	.3797-02
159	1.0000	209.00	.19540	.2320	.2560	34.07	6.657	.3667	568.0	.3189-02
159	1.0000	210.00	.17622	.2093	.2309	34.07	6.004	.3666	568.0	.2876-02
159	1.0000	211.00	.13011	.1545	.1704	34.13	4.440	.3656	566.4	.2123-02
159	1.0000	212.00	.18378	.2182	.2408	34.09	6.266	.3662	567.3	.2999-02
159	1.0000	213.00	.23888	.2837	.3131	34.05	8.133	.3670	568.6	.3898-02
159	1.0000	215.00	.26044	.3093	.3413	34.05	8.869	.3669	568.4	.4250-02
159	1.0000	216.00	.19515	.2317	.2557	34.08	6.650	.3665	567.8	.3184-02
159	1.0000	217.00	.20297	.2409	.2658	34.14	6.929	.3654	566.1	.3311-02
159	1.0000	218.00	.30786	.3655	.4033	34.10	10.50	.3661	567.2	.5023-02
159	1.0000	219.00	.27883	.3311	.3653	34.10	9.509	.3661	567.1	.4549-02
159	1.0000	220.00	.28179	.3345	.3691	34.12	9.613	.3658	566.7	.4598-02
159	1.0000	221.00	.12635	.1499	.1654	34.18	4.319	.3646	564.8	.2061-02
159	1.0000	222.00	.14653	.1739	.1919	34.14	5.002	.3654	566.1	.2391-02
159	1.0000	223.00	.13453	.1597	.1762	34.14	4.593	.3654	566.0	.2195-02

OH105-B 83-0 CANOPY (R3R804)

CANOPY

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
158	.0000	.0000	7.300	3.602	865.6	1522.	375.2	.1552	134.1	.9710-04	4144.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
158	.0000	.1612

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
158	1.0000	177.00	.75765	.8971	.9881	38.86	29.44	.3568	557.8	.1116-01
158	1.0000	178.00	1.2248	1.451	1.599	38.71	47.42	.3591	561.4	.1805-01
158	1.0000	179.00	1.3521	1.601	1.764	38.83	52.51	.3572	558.5	.1992-01
158	1.0000	180.00	.52254	.6186	.6813	38.90	20.33	.3562	556.9	.7696-02
158	1.0000	181.00	.66931	.7924	.8727	38.88	26.02	.3564	557.3	.9858-02
158	1.0000	182.00	.87765	1.039	1.145	38.86	34.11	.3567	557.7	.1293-01
158	1.0000	183.00	.18755	.2221	.2446	38.88	7.291	.3565	557.4	.2762-02
158	1.0000	184.00	.26691	.3160	.3480	38.89	10.38	.3563	557.1	.3931-02
158	1.0000	186.00	.69861	.8272	.9110	38.87	27.16	.3565	557.4	.1029-01
158	1.0000	187.00	.87156	1.032	1.137	38.87	33.88	.3566	557.5	.1284-01
158	1.0000	188.00	1.3574	1.608	1.771	38.82	52.70	.3573	558.7	.2000-01
158	1.0000	189.00	.57524	.6810	.7500	38.89	22.37	.3563	557.1	.8472-02
158	1.0000	190.00	.78930	.9345	1.029	38.87	30.68	.3566	557.5	.1163-01
158	1.0000	191.00	.92819	1.099	1.210	38.86	36.07	.3567	557.8	.1367-01
158	1.0000	192.00	.40836	.4835	.5324	38.89	15.88	.3563	557.1	.6014-02
158	1.0000	193.00	.78055	.9243	1.018	38.83	30.31	.3572	558.4	.1150-01
158	1.0000	194.00	.37500	.4440	.4889	38.89	14.58	.3563	557.2	.5523-02
158	1.0000	195.00	.48491	.5742	.6324	38.86	18.84	.3567	557.7	.7142-02
158	1.0000	196.00	.47117	.5579	.6144	38.87	18.31	.3566	557.6	.6940-02
158	1.0000	197.00	.12842	.1520	.1674	38.93	4.999	.3557	556.2	.1891-02
158	1.0000	198.00	.22010	.2606	.2869	38.90	8.563	.3561	556.7	.3241-02

OH105-B 83-0 CANOPY

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
158	1.0000	199.00	.31835	.3769	.4151	38.89	12.38	.3564	557.3	.4689-02
158	1.0000	200.00	.49162	.5821	.6411	38.87	19.11	.3566	557.5	.7241-02
158	1.0000	201.00	.60579	.7173	.7900	38.86	23.54	.3567	557.7	.8923-02
158	1.0000	202.00	.40214	.4762	.5245	38.83	15.62	.3572	558.4	.5924-02
158	1.0000	203.00	.35478	.4200	.4626	38.88	13.79	.3564	557.3	.5225-02
158	1.0000	204.00	.58299	.6903	.7602	38.87	22.66	.3566	557.5	.8587-02
158	1.0000	205.00	.68053	.8058	.8874	38.87	26.45	.3567	557.6	.1002-01
158	1.0000	207.00	.27710	.3281	.3614	38.84	10.76	.3571	558.3	.4082-02
158	1.0000	208.00	.24727	.2928	.3225	38.87	9.611	.3566	557.6	.3642-02
158	1.0000	209.00	.21672	.2566	.2826	38.87	8.424	.3566	557.5	.3192-02
158	1.0000	210.00	.19474	.2306	.2540	38.86	7.567	.3568	557.9	.2868-02
158	1.0000	211.00	.13356	.1581	.1741	38.93	5.199	.3557	556.1	.1967-02
158	1.0000	212.00	.18939	.2242	.2469	38.90	7.367	.3561	556.8	.2789-02
158	1.0000	213.00	.24306	.2878	.3170	38.84	9.442	.3570	558.2	.3580-02
158	1.0000	215.00	.27570	.3265	.3596	38.85	10.71	.3569	558.0	.4061-02
158	1.0000	216.00	.20230	.2396	.2639	38.84	7.858	.3570	558.2	.2980-02
158	1.0000	217.00	.21186	.2508	.2762	38.89	8.240	.3562	557.0	.3120-02
158	1.0000	218.00	.32014	.3790	.4173	38.91	12.46	.3559	556.5	.4715-02
158	1.0000	219.00	.28968	.3429	.3776	38.91	11.27	.3560	556.6	.4266-02
158	1.0000	220.00	.29313	.3470	.3821	38.91	11.41	.3560	556.6	.4317-02
158	1.0000	221.00	.12992	.1538	.1693	38.98	5.065	.3548	554.7	.1913-02
158	1.0000	222.00	.15270	.1807	.1990	38.93	5.945	.3556	555.9	.2249-02
158	1.0000	223.00	.14206	.1682	.1852	38.90	5.527	.3561	556.7	.2092-02

OH105-B 83-0 CANOPY (R3R805)

CANOPY

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
167	5.000	.0000	7.300	1.032	237.5	1483.	365.1	.4270-01	130.5	.2745-04	4088.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
167	.0000	.8431-01

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
167	1.0000	177.00	.44945	.5318	.5855	19.68	8.934	.3544	539.3	.1242-01
167	1.0000	178.00	.76118	.9011	.9923	19.83	15.09	.3559	541.6	.2104-01
167	1.0000	179.00	.82622	.9776	1.076	19.88	16.43	.3542	539.0	.2283-01
167	1.0000	180.00	.36508	.4320	.4755	19.88	7.259	.3542	539.0	.1009-01
167	1.0000	181.00	.42557	.5036	.5544	19.88	8.459	.3544	539.3	.1176-01
167	1.0000	182.00	.55517	.6569	.7232	19.88	11.03	.3544	539.3	.1534-01
167	1.0000	183.00	.65868-01	.7794-01	.8580-01	19.88	1.309	.3543	539.1	.1820-02
167	1.0000	184.00	.74082-01	.8766-01	.9650-01	19.88	1.473	.3542	539.1	.2047-02
167	1.0000	185.00	.35824	.4239	.4666	19.88	7.121	.3543	539.2	.9899-02
167	1.0000	186.00	.44868	.5309	.5845	19.88	8.918	.3544	539.2	.1240-01
167	1.0000	187.00	.56381	.6671	.7344	19.88	11.21	.3542	539.1	.1558-01
167	1.0000	188.00	.71634	.8475	.9330	19.89	14.25	.3540	538.7	.1979-01
167	1.0000	189.00	.40040	.4738	.5216	19.88	7.960	.3543	539.2	.1106-01
167	1.0000	190.00	.51702	.6118	.6735	19.88	10.28	.3544	539.3	.1429-01
167	1.0000	191.00	.60031	.7103	.7820	19.88	11.93	.3544	539.3	.1659-01
167	1.0000	192.00	.20702	.2450	.2697	19.88	4.115	.3544	539.3	.5721-02
167	1.0000	193.00	.38074	.4505	.4959	19.89	7.572	.3540	538.8	.1052-01
167	1.0000	194.00	.20641	.2442	.2689	19.88	4.103	.3544	539.3	.5704-02
167	1.0000	195.00	.30529	.3613	.3978	19.86	6.064	.3548	539.9	.8437-02
167	1.0000	196.00	.26314	.3114	.3428	19.88	5.230	.3544	539.3	.7271-02
167	1.0000	197.00	.22048-01	.2609-01	.2873-01	19.86	.4379	.3549	540.1	.6093-03

OH105-B 83-0 CANOPY

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
167	1.0000	198.00	.55078-01	.6518-01	.7176-01	19.86	!.094	.3549	540.1	.1522-02
167	1.0000	199.00	.15892	.1881	.2071	19.86	3.157	.3548	539.9	.4392-02
167	1.0000	200.00	.31404	.3716	.4091	19.87	6.239	.3547	539.8	.8678-02
167	1.0000	201.00	.37504	.4438	.4886	19.87	7.452	.3546	539.6	.1036-01
167	1.0000	202.00	.18888	.2235	.2460	19.88	3.754	.3544	539.3	.5219-02
167	1.0000	203.00	.19003	.2249	.2476	19.85	3.772	.3552	540.6	.5252-02
167	1.0000	204.00	.38536	.4561	.5021	19.86	7.653	.3550	540.2	.1065-01
167	1.0000	205.00	.45558	.5391	.5936	19.87	9.050	.3547	539.8	.1259-01
167	1.0000	207.00	.17626	.2086	.2296	19.87	3.503	.3545	539.5	.4871-02
167	1.0000	208.00	.80509-01	.9530-01	.1049	19.84	1.597	.3556	541.1	.2225-02
167	1.0000	209.00	.94724-01	.1121	.1234	19.85	1.880	.3551	540.5	.2618-02
167	1.0000	210.00	.89696-01	.1061	.1169	19.86	1.782	.3548	539.9	.2479-02
167	1.0000	211.00	.71203-01	.8429-01	.9281-01	19.83	1.412	.3558	541.4	.1968-02
167	1.0000	212.00	.10465	.1239	.1364	19.86	2.078	.3549	540.1	.2892-02
167	1.0000	213.00	.13361	.1582	.1741	19.84	2.650	.3556	541.2	.3693-02
167	1.0000	215.00	.12360	.1463	.1611	19.85	2.453	.3553	540.6	.3416-02
167	1.0000	216.00	.12852	.1521	.1674	19.86	2.553	.3547	539.8	.3552-02
167	1.0000	217.00	.12316	.1457	.1604	19.90	2.451	.3537	538.2	.3403-02
167	1.0000	218.00	.15367	.1819	.2002	19.86	3.051	.3550	540.2	.4247-02
167	1.0000	219.00	.14491	.1715	.1888	19.87	2.879	.3547	539.8	.4005-02
167	1.0000	220.00	.13455	.1592	.1753	19.88	2.675	.3543	539.1	.3718-02
167	1.0000	221.00	.89911-01	.1064	.1172	19.84	1.784	.3554	540.9	.2485-02
167	1.0000	222.00	.10207	.1208	.1330	19.84	2.025	.3555	540.9	.2821-02
167	1.0000	223.00	.84244-01	.9967-01	.1097	19.89	1.675	.3540	538.8	.2328-02

CANOPY

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
165	5.000	.0000	7.300	2.016	468.3	1492.	367.3	.8413-01	131.3	.5377-04	4100.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
165	.0000	.1184

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
165	1.0000	177.00	.50859	.6027	.6641	27.85	14.16	.3594	550.2	.1006-01
165	1.0000	178.00	.82245	.9752	1.075	27.76	22.83	.3615	553.4	.1627-01
165	1.0000	179.00	.89409	1.060	1.168	27.83	24.89	.3598	550.7	.1768-01
165	1.0000	180.00	.37725	.4470	.4926	27.85	10.51	.3593	550.0	.7460-02
165	1.0000	181.00	.45151	.5350	.5896	27.85	12.57	.3594	550.1	.8929-02
165	1.0000	182.00	.59976	.7107	.7832	27.85	16.70	.3595	550.3	.1186-01
165	1.0000	183.00	.95917-01	.1137	.1253	27.83	2.670	.3598	550.7	.1897-02
165	1.0000	184.00	.11348	.1345	.1482	27.84	3.160	.3596	550.4	.2244-02
165	1.0000	185.00	.36951	.4379	.4825	27.85	10.29	.3594	550.2	.7307-02
165	1.0000	186.00	.47413	.5618	.6191	27.85	13.20	.3594	550.2	.9376-02
165	1.0000	187.00	.59561	.7058	.7777	27.85	16.59	.3594	550.1	.1178-01
165	1.0000	188.00	.83625	.9911	1.092	27.83	23.27	.3599	550.9	.1654-01
165	1.0000	189.00	.40469	.4796	.5284	27.85	11.27	.3594	550.2	.8003-02
165	1.0000	190.00	.53487	.6338	.6985	27.84	14.89	.3596	550.4	.1058-01
165	1.0000	191.00	.62976	.7463	.8224	27.84	17.53	.3596	550.4	.1245-01
165	1.0000	192.00	.30206	.3580	.3945	27.84	8.408	.3597	550.6	.5974-02
165	1.0000	193.00	.46367	.5495	.6055	27.84	12.91	.3597	550.7	.9170-02
165	1.0000	194.00	.24102	.2856	.3147	27.84	6.710	.3597	550.6	.4766-02
165	1.0000	195.00	.32763	.3883	.4280	27.80	9.109	.3604	551.7	.6480-02
165	1.0000	196.00	.30503	.3615	.3984	27.84	8.491	.3597	550.7	.6032-02
165	1.0000	197.00	.35324-01	.4186-01	.4613-01	27.84	.9833	.3597	550.6	.6986-03

(R3R806)

OH105-B 83-0 CANOPY

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
165	1.0000	198.00	.91652-01	.1086	.1197	27.83	2.550	.3599	551.0	.1813-02
165	1.0000	199.00	.21821	.2586	.2850	27.82	6.070	.3601	551.3	.4316-02
165	1.0000	200.00	.33117	.3925	.4326	27.82	9.213	.3601	551.2	.6550-02
165	1.0000	201.00	.41163	.4878	.5376	27.83	11.45	.3599	551.0	.8141-02
165	1.0000	202.00	.23969	.2841	.3131	27.82	6.668	.3601	551.2	.4741-02
165	1.0000	203.00	.25646	.3040	.3350	27.80	7.130	.3605	551.8	.5073-02
165	1.0000	204.00	.40333	.4781	.5269	27.81	11.22	.3603	551.5	.7977-02
165	1.0000	205.00	.46080	.5461	.6019	27.82	12.82	.3601	551.2	.9114-02
165	1.0000	207.00	.18850	.2234	.2462	27.81	5.242	.3602	551.4	.3728-02
165	1.0000	208.00	.13218	.1567	.1727	27.78	3.672	.3610	552.6	.2615-02
165	1.0000	209.00	.12118	.1436	.1583	27.79	3.368	.3607	552.1	.2397-02
165	1.0000	210.00	.10429	.1236	.1362	27.80	2.900	.3604	551.7	.2063-02
165	1.0000	211.00	.10628	.1260	.1388	27.80	2.955	.3604	551.7	.2102-02
165	1.0000	212.00	.14855	.1761	.1941	27.81	4.132	.3602	551.5	.2938-02
165	1.0000	213.00	.16999	.2016	.2222	27.76	4.719	.3614	553.2	.3363-02
165	1.0000	215.00	.15722	.1864	.2054	27.78	4.368	.3609	552.5	.3110-02
165	1.0000	216.00	.13462	.1596	.1759	27.80	3.742	.3605	551.9	.2663-02
165	1.0000	217.00	.13711	.1625	.1790	27.85	3.819	.3594	550.1	.2711-02
165	1.0000	218.00	.19510	.2313	.2549	27.80	5.424	.3604	551.8	.3859-02
165	1.0000	219.00	.18546	.2198	.2423	27.81	5.158	.3603	551.5	.3668-02
165	1.0000	220.00	.18272	.2165	.2386	27.83	5.085	.3598	550.8	.3614-02
165	1.0000	221.00	.94552-01	.1121	.1235	27.83	2.632	.3598	550.8	.1870-02
165	1.0000	222.00	.10678	.1289	.1421	27.80	3.024	.3604	551.7	.2152-02
165	1.0000	223.00	.88223-01	.1045	.1152	27.84	2.456	.3596	550.5	.1745-02

OH105-B 83-0 CANOPY (R3R807)

CANOPY

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
164	5.000	.0000	7.300	2.963	700.4	1507.	371.3	.1257	132.7	.7947-04	4122.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
164	.0000	.1449

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
164	1.0000	177.00	.55060	.6523	.7187	34.48	18.98	.3587	555.1	.8962-02
164	1.0000	178.00	.87708	1.040	1.146	34.36	30.13	.3609	558.6	.1428-01
164	1.0000	179.00	.95521	1.132	1.247	34.45	32.91	.3592	555.8	.1555-01
164	1.0000	180.00	.38412	.4550	.5013	34.51	13.25	.3583	554.4	.6251-02
164	1.0000	181.00	.47718	.5653	.6228	34.49	16.46	.3585	554.8	.7766-02
164	1.0000	182.00	.63399	.7511	.8275	34.48	21.86	.3587	555.0	.1032-01
164	1.0000	183.00	.11440	.1355	.1493	34.49	3.945	.3586	554.9	.1862-02
164	1.0000	184.00	.14542	.1723	.1898	34.50	5.017	.3584	554.6	.2367-02
164	1.0000	185.00	.37786	.4476	.4931	34.50	13.04	.3584	554.6	.6150-02
164	1.0000	186.00	.50010	.5925	.6527	34.49	17.25	.3585	554.9	.8139-02
164	1.0000	187.00	.62620	.7419	.8173	34.49	21.60	.3586	554.9	.1019-01
164	1.0000	188.00	.93543	1.108	1.221	34.45	32.23	.3592	555.9	.1523-01
164	1.0000	189.00	.41929	.4967	.5472	34.49	14.46	.3585	554.7	.6824-02
164	1.0000	190.00	.56524	.6697	.7378	34.48	19.49	.3587	555.1	.9200-02
164	1.0000	191.00	.66543	.7884	.8686	34.48	22.94	.3587	555.1	.1083-01
164	1.0000	192.00	.32754	.3880	.4275	34.49	11.30	.3585	554.8	.5331-02
164	1.0000	193.00	.52889	.6267	.6905	34.46	18.22	.3591	555.7	.8609-02
164	1.0000	194.00	.25593	.3032	.3340	34.49	8.827	.3586	554.9	.4165-02
164	1.0000	195.00	.35104	.4160	.4583	34.45	12.09	.3592	555.9	.5714-02
164	1.0000	196.00	.33517	.3971	.4375	34.47	11.55	.3589	555.4	.5456-02
164	1.0000	197.00	.49490-01	.5862-01	.6458-01	34.52	1.708	.3580	554.1	.8054-03

OH105-B 83-0 CANOPY (R3R807)

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
164	1.0000	198.00	.12236	.1450	.1597	34.49	4.221	.3585	554.7	.1991-02
164	1.0000	199.00	.23831	.2823	.3111	34.47	8.215	.3588	555.3	.3879-02
164	1.0000	200.00	.35339	.4187	.4613	34.47	12.18	.3589	555.4	.5752-02
164	1.0000	201.00	.43972	.5210	.5740	34.47	15.16	.3590	555.5	.7157-02
164	1.0000	202.00	.27574	.3267	.3600	34.45	9.498	.3593	556.0	.4489-02
164	1.0000	203.00	.26835	.3179	.3503	34.47	9.251	.3588	555.3	.4368-02
164	1.0000	204.00	.40898	.4846	.5339	34.47	14.10	.3590	555.5	.6657-02
164	1.0000	205.00	.49070	.5814	.6406	34.46	16.91	.3590	555.6	.7987-02
164	1.0000	207.00	.20314	.2407	.2652	34.45	6.997	.3593	556.1	.3307-02
164	1.0000	208.00	.16280	.1929	.2125	34.46	5.609	.3591	555.8	.2650-02
164	1.0000	209.00	.14513	.1720	.1895	34.46	5.001	.3591	555.7	.2362-02
164	1.0000	210.00	.11957	.1417	.1561	34.46	4.120	.3591	555.8	.1946-02
164	1.0000	211.00	.12018	.1424	.1568	34.51	4.147	.3581	554.2	.1956-02
164	1.0000	212.00	.16134	.1911	.2105	34.55	5.574	.3575	553.2	.2625-02
164	1.0000	213.00	.17677	.2095	.2308	34.43	6.086	.3596	556.5	.2878-02
164	1.0000	215.00	.18136	.2149	.2368	34.46	6.249	.3591	555.7	.2952-02
164	1.0000	216.00	.14270	.1691	.1863	34.45	4.916	.3592	555.9	.2323-02
164	1.0000	217.00	.14887	.1764	.1943	34.50	5.136	.3584	554.6	.2423-02
164	1.0000	218.00	.21828	.2586	.2849	34.50	7.530	.3584	554.6	.3553-02
164	1.0000	219.00	.20884	.2474	.2726	34.50	7.204	.3584	554.7	.3399-02
164	1.0000	220.00	.20793	.2463	.2714	34.50	7.174	.3583	554.5	.3384-02
164	1.0000	221.00	.97409-01	.1154	.1271	34.56	3.366	.3573	553.0	.1585-02
164	1.0000	222.00	.11982	.1419	.1564	34.52	4.136	.3581	554.1	.1950-02
164	1.0000	223.00	.96133-01	.1139	.1255	34.50	3.316	.3584	554.7	.1565-02

OH105-B 83-0 CANOPY (R3R808)

CANOPY

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
163	5.000	.0000	7.300	3.577	865.3	1528.	376.7	.1551	134.7	.9662-04	4152.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
163	.0000	.1612

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
163	1.0000	177.00	.56487	.6677	.7346	39.40	22.25	.3508	550.8	.8332-02
163	1.0000	178.00	.89876	1.063	1.170	39.27	35.29	.3528	554.0	.1326-01
163	1.0000	179.00	.98084	1.160	1.276	39.38	38.63	.3511	551.2	.1447-01
163	1.0000	180.00	.38379	.4536	.4991	39.41	15.12	.3506	550.5	.5661-02
163	1.0000	181.00	.48760	.5764	.6341	39.40	19.21	.3508	550.8	.7193-02
163	1.0000	182.00	.65025	.7687	.8457	39.40	25.62	.3508	550.8	.9592-02
163	1.0000	183.00	.12447	.1471	.1619	39.37	4.900	.3512	551.4	.1836-02
163	1.0000	184.00	.16184	.1913	.2105	39.38	6.374	.3510	551.1	.2387-02
163	1.0000	185.00	.38049	.4498	.4948	39.39	14.99	.3509	550.9	.5613-02
163	1.0000	186.00	.51092	.6040	.6645	39.39	20.13	.3509	550.9	.7537-02
163	1.0000	187.00	.63983	.7563	.8321	39.40	25.21	.3507	550.7	.9438-02
163	1.0000	188.00	.97414	1.152	1.267	39.38	38.36	.3511	551.3	.1437-01
163	1.0000	189.00	.42464	.5020	.5523	39.39	16.73	.3509	550.9	.6264-02
163	1.0000	190.00	.57907	.6845	.7531	39.39	22.81	.3510	551.1	.8542-02
163	1.0000	191.00	.68180	.8060	.8867	39.39	26.86	.3509	551.0	.1006-01
163	1.0000	192.00	.32506	.3843	.4228	39.36	12.80	.3514	551.7	.4796-02
163	1.0000	193.00	.55529	.6564	.7222	39.39	21.87	.3510	551.1	.8191-02
163	1.0000	194.00	.26132	.3089	.3399	39.38	10.29	.3511	551.3	.3855-02
163	1.0000	195.00	.35873	.4242	.4667	39.34	14.11	.3518	552.3	.5293-02
163	1.0000	196.00	.34619	.4092	.4503	39.38	13.63	.3510	551.1	.5107-02
163	1.0000	197.00	.59116-01	.6990-01	.7692-01	39.33	2.325	.3519	552.6	.8722-03

OH105-B 83-0 CANOPY (R3R808)

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
163	1.0000	198.00	.13833	.1636	.1800	39.32	5.440	.3520	552.6	.2041-02
163	1.0000	199.00	.23852	.2820	.3103	39.34	9.384	.3516	552.1	.3519-02
163	1.0000	200.00	.36278	.4289	.4719	39.36	14.28	.3514	551.8	.5352-02
163	1.0000	201.00	.44943	.5313	.5846	39.38	17.70	.3511	551.3	.6630-02
163	1.0000	202.00	.28975	.3425	.3769	39.38	11.41	.3511	551.3	.4274-02
163	1.0000	203.00	.26756	.3164	.3482	39.31	10.52	.3521	552.9	.3948-02
163	1.0000	204.00	.40904	.4836	.5322	39.34	16.09	.3516	552.1	.6035-02
163	1.0000	205.00	.50346	.5952	.6549	39.37	19.82	.3512	551.5	.7427-02
163	1.0000	207.00	.20842	.2464	.2711	39.37	8.206	.3512	551.4	.3075-02
163	1.0000	208.00	.17592	.2081	.2290	39.28	6.911	.3526	553.6	.2596-02
163	1.0000	209.00	.15958	.1887	.2076	39.33	6.276	.3519	552.5	.2355-02
163	1.0000	210.00	.12998	.1537	.1691	39.36	5.116	.3514	551.7	.1918-02
163	1.0000	211.00	.12151	.1437	.1582	39.27	4.771	.3529	554.1	.1793-02
163	1.0000	212.00	.16023	.1895	.2085	39.29	6.295	.3526	553.6	.2364-02
163	1.0000	213.00	.18451	.2182	.2402	39.28	7.247	.3527	553.8	.2723-02
163	1.0000	215.00	.19548	.2311	.2543	39.34	7.689	.3518	552.3	.2884-02
163	1.0000	216.00	.14970	.1770	.1947	39.37	5.893	.3512	551.5	.2208-02
163	1.0000	217.00	.15456	.1827	.2009	39.44	6.096	.3501	549.6	.2280-02
163	1.0000	218.00	.22732	.2688	.2957	39.35	8.944	.3516	552.1	.3354-02
163	1.0000	219.00	.21896	.2589	.2848	39.37	8.621	.3512	551.4	.3230-02
163	1.0000	220.00	.21803	.2577	.2835	39.41	8.592	.3507	550.6	.3216-02
163	1.0000	221.00	.98547-01	.1165	.1282	39.30	3.873	.3523	553.1	.1454-02
163	1.0000	222.00	.12435	.1471	.1618	39.30	4.887	.3524	553.2	.1835-02
163	1.0000	223.00	.99605-01	.1177	.1295	39.43	3.928	.3502	549.9	.1469-02

CANOPY

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
169	10.00	.0000	7.300	2.007	467.5	1494.	368.0	.8398-01	131.5	.5358-04	4104.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
169	.0000	.1183

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
169	1.0000	177.00	.32041	.3795	.4181	27.94	8.953	.3580	549.0	.6346-02
169	1.0000	178.00	.58049	.6879	.7581	27.86	16.17	.3597	551.6	.1150-01
169	1.0000	179.00	.62964	.7458	.8216	27.94	17.59	.3580	549.0	.1247-01
169	1.0000	180.00	.27249	.3228	.3556	27.94	7.613	.3581	549.2	.5397-02
169	1.0000	181.00	.31065	.3680	.4054	27.94	8.680	.3580	549.0	.6153-02
169	1.0000	182.00	.41049	.4862	.5356	27.95	11.47	.3579	548.9	.8130-02
169	1.0000	183.00	.61675-01	.7308-01	.8052-01	27.90	1.720	.3590	550.5	.1222-02
169	1.0000	184.00	.60538-01	.7172-01	.7902-01	27.91	1.689	.3587	550.1	.1199-02
169	1.0000	185.00	.27063	.3206	.3532	27.93	7.559	.3583	549.4	.5361-02
169	1.0000	186.00	.33745	.3997	.4404	27.94	9.427	.3581	549.2	.6684-02
169	1.0000	187.00	.41988	.4973	.5478	27.95	11.74	.3578	548.7	.8316-02
169	1.0000	188.00	.55462	.6569	.7237	27.94	15.50	.3580	549.0	.1099-01
169	1.0000	189.00	.30028	.3557	.3919	27.93	8.386	.3583	549.5	.5948-02
169	1.0000	190.00	.38332	.4541	.5002	27.93	10.71	.3582	549.3	.7593-02
169	1.0000	191.00	.44777	.5304	.5843	27.94	12.51	.3580	548.9	.8869-02
169	1.0000	192.00	.17865	.2117	.2333	27.88	4.981	.3594	551.1	.3540-02
169	1.0000	193.00	.29335	.3475	.3828	27.95	8.198	.3579	548.8	.5810-02
169	1.0000	194.00	.15209	.1802	.1985	27.90	4.243	.3589	550.4	.3013-02
169	1.0000	195.00	.23808	.2821	.3108	27.89	6.639	.3592	550.8	.4717-02
169	1.0000	196.00	.22634	.2681	.2954	27.93	6.321	.3583	549.5	.4483-02
169	1.0000	197.00	.15914-01	.1887-01	.2080-01	27.78	.4422	.3615	554.3	.3155-03

(R3R809)

OH105-B 83-0 CANOPY

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
169	1.0000	198.00	.30752-01	.3646-01	.4019-01	27.80	.8549	.3611	553.7	.6095-03
169	1.0000	199.00	.11998	.1422	.1567	27.85	3.341	.3600	552.1	.2377-02
169	1.0000	200.00	.22723	.2693	.2967	27.88	6.336	.3593	551.0	.4502-02
169	1.0000	201.00	.30079	.3563	.3926	27.92	8.397	.3586	549.8	.5958-02
169	1.0000	202.00	.16322	.1933	.2130	27.93	4.558	.3583	549.5	.3233-02
169	1.0000	203.00	.81981-01	.9720-01	.1071	27.80	2.279	.3612	553.9	.1625-02
169	1.0000	204.00	.30603	.3627	.3997	27.85	8.524	.3599	552.0	.6064-02
169	1.0000	205.00	.36910	.4373	.4818	27.90	10.30	.3590	550.5	.7312-02
169	1.0000	207.00	.13660	.1618	.1783	27.91	3.813	.3587	550.1	.2706-02
169	1.0000	208.00	.61314-01	.7271-01	.8017-01	27.75	1.702	.3622	555.4	.1216-02
169	1.0000	209.00	.66494-01	.7882-01	.8688-01	27.82	1.850	.3608	553.2	.1318-02
169	1.0000	210.00	.80533-01	.9543-01	.1052	27.87	2.245	.3595	551.3	.1596-02
169	1.0000	211.00	.57024-01	.6765-01	.7459-01	27.71	1.580	.3631	556.8	.1131-02
169	1.0000	212.00	.86434-01	.1025	.1130	27.78	2.401	.3615	554.4	.1713-02
169	1.0000	213.00	.10450	.1239	.1367	27.74	2.899	.3625	555.8	.2072-02
169	1.0000	215.00	.11375	.1348	.1486	27.84	3.167	.3602	552.4	.2254-02
169	1.0000	216.00	.10032	.1189	.1310	27.89	2.798	.3591	550.7	.1988-02
169	1.0000	217.00	.96003-01	.1137	.1253	27.94	2.683	.3579	548.9	.1901-02
169	1.0000	218.00	.15173	.1793	.1983	27.79	4.216	.3614	554.2	.3008-02
169	1.0000	219.00	.13464	.1596	.1759	27.83	3.747	.3604	552.7	.2668-02
169	1.0000	220.00	.12750	.1511	.1665	27.88	3.555	.3593	551.0	.2526-02
169	1.0000	221.00	.78224-01	.9278-01	.1023	27.73	2.169	.3628	556.3	.1551-02
169	1.0000	222.00	.99367-01	.1179	.1299	27.73	2.756	.3626	556.1	.1970-02
169	1.0000	223.00	.66055-01	.7825-01	.8622-01	27.92	1.844	.3585	549.8	.1308-02

CANOPY

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPOBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
168	10.00	.0000	7.300	3.684	866.1	1502.	370.1	.1555	132.3	.9862-04	4115.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
168	.0000	.1611

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
168	1.0000	177.00	.36874	.4372	.4819	38.06	14.04	.3610	556.8	.5389-02
168	1.0000	178.00	.63832	.7572	.8350	37.94	24.22	.3631	560.0	.9333-02
168	1.0000	179.00	.69847	.8282	.9129	38.04	26.57	.3615	557.5	.1021-01
168	1.0000	180.00	.28850	.3420	.3769	38.09	10.99	.3606	556.1	.4216-02
168	1.0000	181.00	.34008	.4031	.4443	38.08	12.95	.3607	556.4	.4970-02
168	1.0000	182.00	.44922	.5325	.5870	38.07	17.10	.3609	556.6	.6565-02
168	1.0000	183.00	.84359-01	.1000	.1102	38.06	3.211	.3610	556.8	.1233-02
168	1.0000	184.00	.87059-01	.1032	.1138	38.08	3.315	.3608	556.5	.1272-02
168	1.0000	185.00	.28991	.3437	.3788	38.09	11.04	.3607	556.3	.4236-02
168	1.0000	186.00	.37129	.4402	.4851	38.08	14.14	.3608	556.5	.5426-02
168	1.0000	187.00	.45365	.5378	.5927	38.08	17.27	.3608	556.5	.6629-02
168	1.0000	188.00	.64824	.7686	.8472	38.04	24.66	.3614	557.3	.9474-02
168	1.0000	189.00	.32084	.3803	.4192	38.08	12.22	.3608	556.4	.4689-02
168	1.0000	190.00	.41643	.4937	.5441	38.07	15.86	.3609	556.6	.6086-02
168	1.0000	191.00	.48861	.5792	.6385	38.07	18.60	.3609	556.6	.7141-02
168	1.0000	192.00	.23849	.2827	.3117	38.07	9.079	.3610	556.8	.3485-02
168	1.0000	193.00	.36377	.4313	.4754	38.06	13.84	.3612	557.0	.5316-02
168	1.0000	194.00	.19070	.2261	.2492	38.07	7.261	.3609	556.6	.2787-02
168	1.0000	195.00	.27694	.3284	.3620	38.04	10.53	.3614	557.5	.4048-02
168	1.0000	196.00	.25596	.3034	.3345	38.07	9.743	.3610	556.8	.3741-02
168	1.0000	197.00	.22828-01	.2707-01	.2983-01	38.05	.8686	.3613	557.2	.3336-03

OH105-B 83-0 CANOPY (R3R810)

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
168	1.0000	198.00	.45540-01	.5400-01	.5952-01	38.04	1.732	.3614	557.4	.6656-03
168	1.0000	199.00	.16312	.1934	.2132	38.05	6.207	.3613	557.2	.2384-02
168	1.0000	200.00	.25938	.3075	.3390	38.06	9.871	.3611	557.0	.3791-02
168	1.0000	201.00	.32578	.3862	.4257	38.06	12.40	.3611	556.9	.4761-02
168	1.0000	202.00	.20730	.2458	.2709	38.04	7.886	.3614	557.3	.3030-02
168	1.0000	203.00	.14255	.1690	.1863	38.03	5.422	.3615	557.6	.2083-02
168	1.0000	204.00	.36428	.4319	.4761	38.04	13.86	.3614	557.3	.5324-02
168	1.0000	205.00	.38622	.4579	.5047	38.05	14.70	.3612	557.1	.5645-02
168	1.0000	207.00	.14874	.1764	.1944	38.04	5.658	.3614	557.4	.2174-02
168	1.0000	208.00	.10975	.1302	.1435	38.01	4.171	.3620	558.3	.1604-02
168	1.0000	209.00	.95292-01	.1130	.1246	38.03	3.624	.3616	557.7	.1393-02
168	1.0000	210.00	.93231-01	.1105	.1218	38.05	3.547	.3613	557.3	.1363-02
168	1.0000	211.00	.81508-01	.9665-01	.1065	38.03	3.100	.3616	557.7	.1191-02
168	1.0000	212.00	.11883	.1409	.1552	38.10	4.527	.3605	556.0	.1736-02
168	1.0000	213.00	.14412	.1709	.1885	37.97	5.472	.3626	559.2	.2107-02
168	1.0000	215.00	.14558	.1726	.1903	38.04	5.538	.3614	557.3	.2128-02
168	1.0000	216.00	.10751	.1275	.1405	38.05	4.091	.3613	557.2	.1571-02
168	1.0000	217.00	.10469	.1241	.1368	38.10	3.988	.3605	556.0	.1530-02
168	1.0000	218.00	.18804	.2229	.2457	38.06	7.157	.3611	557.0	.2748-02
168	1.0000	219.00	.16412	.1946	.2145	38.07	6.248	.3609	556.7	.2398-02
168	1.0000	220.00	.16572	.1964	.2165	38.09	6.312	.3607	556.3	.2422-02
168	1.0000	221.00	.91143-01	.1080	.1191	38.08	3.471	.3607	556.3	.1332-02
168	1.0000	222.00	.12044	.1428	.1574	38.05	4.583	.3612	557.1	.1760-02
168	1.0000	223.00	.73236-01	.8681-01	.9568-01	38.09	2.790	.3606	556.1	.1070-02

OH105-B 83-0 CANOPY (R3RB11)

CANOPY

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
170	15.00	.0000	7.300	1.982	467.4	1505.	370.8	.8390-01	132.6	.5311-04	4120.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
170	.0000	.1184

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
170	1.0000	177.00	.20217	.2393	.2636	28.24	5.710	.3562	550.6	.4023-02
170	1.0000	178.00	.36380	.4310	.4748	28.14	10.24	.3585	554.1	.7242-02
170	1.0000	179.00	.40041	.4742	.5224	28.19	11.29	.3575	552.5	.7969-02
170	1.0000	180.00	.19463	.2304	.2538	28.24	5.497	.3563	550.6	.3873-02
170	1.0000	181.00	.21780	.2579	.2840	28.22	6.147	.3567	551.3	.4334-02
170	1.0000	182.00	.26810	.3175	.3497	28.21	7.562	.3571	551.9	.5336-02
170	1.0000	183.00	.31805-01	.3765-01	.4146-01	28.25	.8986	.3560	550.3	.6328-03
170	1.0000	184.00	.33317-01	.3944-01	.4344-01	28.25	.9412	.3561	550.4	.6629-03
170	1.0000	185.00	.18218	.2157	.2376	28.23	5.142	.3566	551.2	.3625-02
170	1.0000	186.00	.22852	.2706	.2980	28.21	6.446	.3570	551.8	.4548-02
170	1.0000	187.00	.28374	.3360	.3701	28.20	8.002	.3572	552.1	.5647-02
170	1.0000	188.00	.34065	.4035	.4445	28.17	9.597	.3578	553.0	.6781-02
170	1.0000	189.00	.19097	.2261	.2491	28.21	5.387	.3570	551.8	.3801-02
170	1.0000	190.00	.26683	.3160	.3481	28.19	7.523	.3573	552.3	.5311-02
170	1.0000	191.00	.31803	.3767	.4149	28.19	8.964	.3575	552.5	.6330-02
170	1.0000	192.00	.57663-01	.6827-01	.7519-01	28.23	1.628	.3565	551.0	.1147-02
170	1.0000	193.00	.17738	.2101	.2315	28.17	4.996	.3579	553.2	.3531-02
170	1.0000	194.00	.81226-01	.9619-01	.1060	28.20	2.290	.3572	552.1	.1617-02
170	1.0000	195.00	.16623	.1969	.2170	28.14	4.678	.3585	554.0	.3309-02
170	1.0000	196.00	.16994	.2013	.2217	28.17	4.787	.3579	553.2	.3383-02
170	1.0000	197.00	.70568-02	.8350-02	.9193-02	28.32	.1999	.3545	547.9	.1404-03

OH105-B 83-0 CANOPY (R3R811)

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
170	1.0000	198.00	.11636-01	.1377-01	.1517-01	28.27	.3290	.3556	549.6	.2315-03
170	1.0000	199.00	.39925-01	.4728-01	.5208-01	28.20	1.126	.3572	552.1	.7946-03
170	1.0000	200.00	.12852	.1522	.1677	28.18	3.621	.3577	552.9	.2558-02
170	1.0000	201.00	.21525	.2550	.2809	28.16	6.061	.3581	553.5	.4285-02
170	1.0000	202.00	.11695	.1385	.1526	28.15	3.292	.3584	553.9	.2328-02
170	1.0000	203.00	.29589-01	.3504-01	.3859-01	28.22	.8349	.3568	551.5	.5888-03
170	1.0000	204.00	.98506-01	.1167	.1285	28.17	2.775	.3578	553.0	.1961-02
170	1.0000	205.00	.28749	.3406	.3752	28.15	8.094	.3582	553.7	.5723-02
170	1.0000	207.00	.99627-01	.1180	.1300	28.14	2.803	.3585	554.1	.1983-02
170	1.0000	208.00	.29410-01	.3483-01	.3836-01	28.21	.8296	.3571	551.8	.5853-03
170	1.0000	209.00	.35296-01	.4180-01	.4605-01	28.17	.9945	.3577	552.9	.7025-03
170	1.0000	210.00	.46485-01	.5507-01	.6067-01	28.15	1.309	.3583	553.8	.9254-03
170	1.0000	211.00	.50403-01	.5965-01	.6567-01	28.31	1.427	.3548	548.3	.1003-02
170	1.0000	212.00	.55872-01	.6612-01	.7280-01	28.31	1.582	.3548	548.4	.1111-02
170	1.0000	213.00	.44910-01	.5319-01	.5860-01	28.17	1.265	.3578	553.0	.8939-03
170	1.0000	215.00	.68033-01	.8059-01	.8879-01	28.15	1.915	.3583	553.8	.1354-02
170	1.0000	216.00	.72450-01	.8583-01	.9456-01	28.15	2.039	.3584	553.9	.1442-02
170	1.0000	217.00	.70117-01	.8304-01	.9147-01	28.18	1.976	.3576	552.6	.1396-02
170	1.0000	218.00	.77645-01	.9194-01	.1013	28.21	2.190	.3570	551.7	.1545-02
170	1.0000	219.00	.91214-01	.1080	.1190	28.19	2.571	.3574	552.4	.1815-02
170	1.0000	220.00	.91898-01	.1088	.1199	28.18	2.590	.3576	552.7	.1829-02
170	1.0000	221.00	.44743-01	.5294-01	.5828-01	28.33	1.268	.3543	547.6	.8899-03
170	1.0000	222.00	.60867-01	.7205-01	.7933-01	28.27	1.721	.3556	549.6	.1211-02
170	1.0000	223.00	.49383-01	.5849-01	.6443-01	28.18	1.392	.3576	552.8	.9829-03

OH105-B 83-0 CANOPY (R3R812)

CANOPY

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
171	15.00	.0000	7.300	3.669	865.2	1505.	370.8	.1553	132.6	.9831-04	4120.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
171	.0000	.1610

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
171	1.0000	177.00	.22577	.2673	.2943	38.45	8.681	.3557	549.7	.3301-02
171	1.0000	178.00	.39539	.4681	.5154	38.44	15.20	.3560	550.1	.5782-02
171	1.0000	179.00	.43637	.5166	.5689	38.44	16.77	.3560	550.2	.6381-02
171	1.0000	180.00	.22105	.2616	.2880	38.49	8.508	.3551	548.8	.3232-02
171	1.0000	181.00	.23578	.2791	.3073	38.48	9.072	.3553	549.1	.3447-02
171	1.0000	182.00	.30413	.3600	.3964	38.46	11.70	.3556	549.5	.4447-02
171	1.0000	183.00	.52201-01	.6179-01	.6803-01	38.47	2.008	.3555	549.4	.7633-03
171	1.0000	184.00	.50785-01	.6011-01	.6618-01	38.48	1.954	.3553	549.0	.7425-03
171	1.0000	185.00	.21005	.2486	.2737	38.48	8.083	.3552	549.0	.3071-02
171	1.0000	186.00	.24700	.2923	.3219	38.48	9.503	.3554	549.2	.3611-02
171	1.0000	187.00	.31311	.3706	.4081	38.47	12.05	.3554	549.2	.4578-02
171	1.0000	188.00	.38582	.4568	.5030	38.43	14.83	.3561	550.2	.5642-02
171	1.0000	189.00	.21523	.2547	.2805	38.48	8.283	.3552	549.0	.3147-02
171	1.0000	190.00	.28431	.3365	.3705	38.47	10.94	.3555	549.3	.4157-02
171	1.0000	191.00	.34344	.4065	.4476	38.46	13.21	.3556	549.5	.5022-02
171	1.0000	192.00	.88406-01	.1046	.1152	38.48	3.402	.3553	549.0	.1293-02
171	1.0000	193.00	.20146	.2385	.2626	38.45	7.745	.3558	549.9	.2946-02
171	1.0000	194.00	.11455	.1356	.1493	38.48	4.408	.3552	549.0	.1675-02
171	1.0000	195.00	.20139	.2384	.2625	38.47	7.747	.3555	549.4	.2945-02
171	1.0000	196.00	.18609	.2203	.2425	38.47	7.159	.3555	549.3	.2721-02
171	1.0000	197.00	.17510-01	.2072-01	.2282-01	38.50	.6742	.3550	548.5	.2560-03

OH105-B 83-0 CANOPY

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
171	1.0000	198.00	.22583-01	.2673-01	.2943-01	38.49	.8692	.3552	548.9	.3302-03
171	1.0000	199.00	.65317-01	.7731-01	.8512-01	38.48	2.513	.3554	549.2	.9550-03
171	1.0000	200.00	.18415	.2180	.2400	38.47	7.084	.3555	549.4	.2693-02
171	1.0000	201.00	.24162	.2860	.3149	38.46	9.294	.3555	549.4	.3533-02
171	1.0000	202.00	.14359	.1700	.1872	38.44	5.520	.3559	550.0	.2100-02
171	1.0000	203.00	.66727-01	.7898-01	.8697-01	38.47	2.567	.3555	549.4	.9757-03
171	1.0000	204.00	.18259	.2161	.2380	38.47	7.023	.3555	549.4	.2670-02
171	1.0000	205.00	.34256	.4055	.4465	38.46	13.18	.3555	549.4	.5009-02
171	1.0000	207.00	.10668	.1263	.1391	38.44	4.100	.3560	550.1	.1560-02
171	1.0000	208.00	.69984-01	.8284-01	.9122-01	38.46	2.691	.3557	549.6	.1023-02
171	1.0000	209.00	.68226-01	.8076-01	.8892-01	38.46	2.624	.3556	549.5	.9976-03
171	1.0000	210.00	.61043-01	.7226-01	.7956-01	38.46	2.348	.3556	549.5	.8926-03
171	1.0000	211.00	.56705-01	.6711-01	.7389-01	38.49	2.182	.3552	548.8	.8291-03
171	1.0000	212.00	.64965-01	.7690-01	.8468-01	38.45	2.498	.3557	549.7	.9499-03
171	1.0000	213.00	.80484-01	.9527-01	.1049	38.45	3.095	.3557	549.7	.1177-02
171	1.0000	215.00	.97478-01	.1154	.1271	38.44	3.747	.3560	550.1	.1425-02
171	1.0000	216.00	.82247-01	.9736-01	.1072	38.44	3.162	.3559	550.1	.1203-02
171	1.0000	217.00	.72927-01	.8632-01	.9504-01	38.48	2.806	.3553	549.0	.1066-02
171	1.0000	218.00	.10079	.1193	.1313	38.48	3.879	.3552	548.9	.1474-02
171	1.0000	219.00	.13054	.1545	.1701	38.48	5.024	.3552	548.9	.1909-02
171	1.0000	220.00	.12374	.1464	.1612	38.49	4.763	.3551	548.7	.1809-02
171	1.0000	221.00	.44138-01	.5223-01	.5750-01	38.52	1.700	.3546	548.0	.6453-03
171	1.0000	222.00	.75696-01	.8959-01	.9864-01	38.49	2.913	.3552	548.9	.1107-02
171	1.0000	223.00	.56916-01	.6736-01	.7417-01	38.48	2.190	.3553	549.0	.8322-03

OH105-B 83-0 CANOPY (R3RB13)

CANOPY

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BOFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
136	20.00	.0000	7.300	1.927	466.0	1527.	376.6	.8350-01	134.6	.5204-04	4152.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
136	.0000	.1183

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
136	1.0000	177.00	.14445	.1707	.1877	28.98	4.186	.3492	548.1	.2902-02
136	1.0000	178.00	.22260	.2630	.2893	28.97	6.448	.3494	548.4	.4473-02
136	1.0000	179.00	.25605	.3026	.3328	28.96	7.415	.3495	548.7	.5145-02
136	1.0000	180.00	.13893	.1641	.1805	28.99	4.027	.3489	547.7	.2791-02
136	1.0000	181.00	.14742	.1742	.1916	28.98	4.273	.3490	547.9	.2962-02
136	1.0000	182.00	.16195	.1914	.2105	28.97	4.692	.3493	548.2	.3254-02
136	1.0000	183.00	.17149-01	.2026-01	.2229-01	28.97	.4969	.3493	548.2	.3446-03
136	1.0000	184.00	.21025-01	.2484-01	.2732-01	28.98	.6093	.3491	548.0	.4224-03
136	1.0000	185.00	.10026	.1185	.1303	28.98	2.906	.3491	547.9	.2014-02
136	1.0000	186.00	.12496	.1476	.1624	28.98	3.621	.3492	548.2	.2511-02
136	1.0000	187.00	.17118	.2023	.2224	28.98	4.960	.3492	548.1	.3439-02
136	1.0000	188.00	.21488	.2539	.2793	28.95	6.222	.3497	548.9	.4318-02
136	1.0000	189.00	.76121-01	.8994-01	.9892-01	28.97	2.206	.3492	548.2	.1529-02
136	1.0000	190.00	.13161	.1555	.1710	28.97	3.813	.3494	548.4	.2644-02
136	1.0000	191.00	.18922	.2236	.2459	28.97	5.481	.3494	548.5	.3802-02
136	1.0000	192.00	.27777-01	.3282-01	.3610-01	28.97	.8048	.3493	548.2	.5581-03
136	1.0000	193.00	.11984	.1416	.1558	28.96	3.470	.3496	548.8	.2408-02
136	1.0000	194.00	.45880-01	.5421-01	.5963-01	28.97	1.329	.3494	548.4	.9219-03
136	1.0000	195.00	.99716-01	.1178	.1296	28.94	2.886	.3500	549.4	.2004-02
136	1.0000	196.00	.13095	.1547	.1702	28.96	3.792	.3495	548.7	.2631-02
136	1.0000	197.00	.10342-01	.1222-01	.1344-01	28.98	.2997	.3492	548.1	.2078-03

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105-B 83-0 CANOPY

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
136	1.0000	198.00	.14972-01	.1769-01	.1946-01	28.96	.4337	.3494	548.5	.3008-03
136	1.0000	199.00	.21244-01	.2510-01	.2761-01	28.96	.6152	.3496	548.8	.4269-03
136	1.0000	200.00	.53395-01	.6310-01	.6940-01	28.96	1.546	.3496	548.8	.1073-02
136	1.0000	201.00	.15803	.1867	.2054	28.95	4.576	.3497	548.9	.3175-02
136	1.0000	202.00	.92620-01	.1095	.1204	28.94	2.681	.3499	549.2	.1861-02
136	1.0000	203.00	.41711-01	.4929-01	.5422-01	28.95	1.208	.3497	549.0	.8381-03
136	1.0000	204.00	.57464-01	.6791-01	.7469-01	28.95	1.664	.3497	548.9	.1155-02
136	1.0000	205.00	.14682	.1735	.1908	28.95	4.251	.3497	548.9	.2950-02
136	1.0000	207.00	.71325-01	.8429-01	.9272-01	28.94	2.064	.3499	549.2	.1433-02
136	1.0000	208.00	.29028-01	.3431-01	.3774-01	28.94	.8401	.3500	549.4	.5833-03
136	1.0000	209.00	.41747-01	.4934-01	.5427-01	28.94	1.208	.3499	549.3	.8389-03
136	1.0000	210.00	.33011-01	.3901-01	.4291-01	28.94	.9554	.3499	549.2	.6633-03
136	1.0000	211.00	.14208-01	.1679-01	.1846-01	28.97	.4115	.3494	548.5	.2855-03
136	1.0000	212.00	.20703-01	.2446-01	.2691-01	28.96	.5996	.3495	548.7	.4160-03
136	1.0000	213.00	.47561-01	.5622-01	.6185-01	28.91	1.375	.3506	550.3	.9559-03
136	1.0000	215.00	.45791-01	.5411-01	.5952-01	28.95	1.326	.3498	549.1	.9201-03
136	1.0000	216.00	.49104-01	.5803-01	.6383-01	28.95	1.421	.3498	549.1	.9867-03
136	1.0000	217.00	.50655-01	.5985-01	.6583-01	28.97	1.468	.3493	548.3	.1018-02
136	1.0000	218.00	.54373-01	.6425-01	.7066-01	28.97	1.575	.3494	548.4	.1092-02
136	1.0000	219.00	.61570-01	.7275-01	.8002-01	28.97	1.784	.3494	548.4	.1237-02
136	1.0000	220.00	.56134-01	.6633-01	.7295-01	28.97	1.626	.3493	548.3	.1128-02
136	1.0000	221.00	.15318-01	.1810-01	.1990-01	29.01	.4443	.3485	547.1	.3077-03
136	1.0000	222.00	.37222-01	.4398-01	.4837-01	28.98	1.079	.3491	547.9	.7478-03
136	1.0000	223.00	.29905-01	.3534-01	.3886-01	28.97	.8664	.3493	548.3	.6009-03

CANOPY

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
137	20.00	.0000	7.300	3.429	855.7	1556.	384.1	.1530	137.3	.9351-04	4193.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
137	.0000	.1604

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
137	1.0000	177.00	.15350	.1812	.1991	40.31	6.187	.3455	553.1	.2302-02
137	1.0000	178.00	.24474	.2889	.3175	40.29	9.861	.3457	553.4	.3671-02
137	1.0000	179.00	.27874	.3290	.3617	40.28	11.23	.3459	553.8	.4181-02
137	1.0000	180.00	.16395	.1935	.2126	40.34	6.613	.3450	552.3	.2459-02
137	1.0000	181.00	.16699	.1971	.2166	40.32	6.734	.3452	552.6	.2505-02
137	1.0000	182.00	.20301	.2396	.2634	40.31	8.183	.3454	553.0	.3045-02
137	1.0000	183.00	.26153-01	.3087-01	.3393-01	40.32	1.054	.3453	552.8	.3922-03
137	1.0000	184.00	.28859-01	.3406-01	.3743-01	40.33	1.164	.3451	552.6	.4328-03
137	1.0000	185.00	.13105	.1547	.1700	40.33	5.285	.3451	552.6	.1966-02
137	1.0000	186.00	.15874	.1874	.2059	40.32	6.400	.3453	552.8	.2381-02
137	1.0000	187.00	.21763	.2569	.2823	40.32	8.775	.3452	552.7	.3264-02
137	1.0000	188.00	.23300	.2751	.3023	40.28	9.385	.3459	553.7	.3495-02
137	1.0000	189.00	.12218	.1442	.1585	40.32	4.926	.3453	552.7	.1832-02
137	1.0000	190.00	.19207	.2267	.2492	40.31	7.742	.3454	553.0	.2881-02
137	1.0000	191.00	.24067	.2841	.3122	40.30	9.699	.3455	553.2	.3610-02
137	1.0000	192.00	.35392-01	.4177-01	.4591-01	40.31	1.427	.3454	553.0	.5308-03
137	1.0000	193.00	.12987	.1533	.1685	40.29	5.232	.3458	553.5	.1948-02
137	1.0000	194.00	.60844-01	.7182-01	.7893-01	40.31	2.452	.3454	553.1	.9126-03
137	1.0000	195.00	.13870	.1637	.1800	40.28	5.586	.3459	553.8	.2080-02
137	1.0000	196.00	.16270	.1920	.2111	40.29	6.556	.3457	553.4	.2440-02
137	1.0000	197.00	.15349-01	.1812-01	.1991-01	40.30	.6186	.3455	553.1	.2302-03

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105-B 83-0 CANOPY

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
137	1.0000	198.00	.26595-01	.3139-01	.3450-01	40.29	1.072	.3457	553.4	.3989-03
137	1.0000	199.00	.64591-01	.7624-01	.8380-01	40.29	2.602	.3457	553.5	.9688-03
137	1.0000	200.00	.11878	.1402	.1541	40.28	4.785	.3459	553.7	.1782-02
137	1.0000	201.00	.20218	.2387	.2623	40.29	8.145	.3457	553.5	.3033-02
137	1.0000	202.00	.10812	.1276	.1403	40.27	4.354	.3461	554.0	.1622-02
137	1.0000	203.00	.95309-01	.1125	.1237	40.27	3.838	.3461	554.0	.1430-02
137	1.0000	204.00	.17019	.2009	.2208	40.27	6.854	.3460	553.9	.2553-02
137	1.0000	205.00	.23975	.2830	.3111	40.28	9.658	.3458	553.7	.3596-02
137	1.0000	207.00	.82010-01	.9682-01	.1064	40.26	3.302	.3461	554.2	.1230-02
137	1.0000	208.00	.45830-01	.5411-01	.5948-01	40.25	1.845	.3463	554.4	.6875-03
137	1.0000	209.00	.39056-01	.4611-01	.5068-01	40.26	1.572	.3462	554.3	.5859-03
137	1.0000	210.00	.65905-01	.7780-01	.8552-01	40.26	2.654	.3461	554.1	.9886-03
137	1.0000	211.00	.25074-01	.2960-01	.3254-01	40.27	1.010	.3460	554.0	.3761-03
137	1.0000	212.00	.31675-01	.3740-01	.4111-01	40.26	1.275	.3462	554.2	.4752-03
137	1.0000	213.00	.66503-01	.7852-01	.8631-01	40.24	2.676	.3465	554.7	.9977-03
137	1.0000	215.00	.85781-01	.1013	.1113	40.24	3.452	.3464	554.6	.1287-02
137	1.0000	216.00	.51198-01	.6044-01	.6644-01	40.26	2.061	.3462	554.3	.7680-03
137	1.0000	217.00	.55376-01	.6536-01	.7184-01	40.31	2.232	.3454	552.9	.8306-03
137	1.0000	218.00	.66442-01	.7843-01	.8621-01	40.29	2.677	.3458	553.6	.9966-03
137	1.0000	219.00	.90260-01	.1065	.1171	40.29	3.637	.3457	553.4	.1354-02
137	1.0000	220.00	.88859-01	.1049	.1153	40.31	3.582	.3454	553.0	.1333-02
137	1.0000	221.00	.20286-01	.2394-01	.2631-01	40.32	.8180	.3452	552.7	.3042-03
137	1.0000	222.00	.45895-01	.5418-01	.5955-01	40.28	1.849	.3458	553.7	.6884-03
137	1.0000	223.00	.26593-01	.3139-01	.3450-01	40.31	1.072	.3454	553.0	.3988-03

OH105-B 83-0 CANOPY (R3R815)

CANOPY

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
135	20.00	.0000	7.300	1.030	236.9	1483.	365.0	.4259-01	130.5	.2739-04	4087.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
135	.0000	.8420-01

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
135	1.0000	177.00	.12970	.1535	.1691	19.80	2.568	.3558	541.3	.3589-02
135	1.0000	178.00	.20909	.2475	.2726	19.80	4.139	.3559	541.4	.5787-02
135	1.0000	179.00	.24718	.2926	.3222	19.79	4.892	.3560	541.7	.6841-02
135	1.0000	180.00	.83526-01	.9888-01	.1089	19.80	1.654	.3558	541.3	.2311-02
135	1.0000	181.00	.11554	.1368	.1506	19.79	2.287	.3560	541.6	.3198-02
135	1.0000	182.00	.12991	.1538	.1694	19.79	2.571	.3561	541.8	.3595-02
135	1.0000	183.00	.88418-02	.1047-01	.1153-01	19.79	.1750	.3560	541.7	.2447-03
135	1.0000	184.00	.12778-01	.1513-01	.1666-01	19.79	.2529	.3560	541.6	.3536-03
135	1.0000	185.00	.56835-01	.6728-01	.7409-01	19.79	1.125	.3559	541.5	.1573-02
135	1.0000	186.00	.85371-01	.1011	.1113	19.79	1.689	.3561	541.7	.2363-02
135	1.0000	187.00	.12388	.1466	.1615	19.79	2.452	.3560	541.7	.3428-02
135	1.0000	188.00	.21112	.2499	.2753	19.78	4.177	.3562	542.0	.5843-02
135	1.0000	189.00	.41104-01	.4866-01	.5359-01	19.79	.8132	.3562	541.9	.1138-02
135	1.0000	190.00	.75806-01	.8975-01	.9884-01	19.78	1.500	.3562	542.0	.2098-02
135	1.0000	191.00	.12097	.1432	.1577	19.78	2.393	.3563	542.1	.3348-02
135	1.0000	192.00	.21631-01	.2561-01	.2820-01	19.78	.4278	.3564	542.2	.5987-03
135	1.0000	193.00	.12438	.1473	.1622	19.78	2.460	.3564	542.2	.3443-02
135	1.0000	194.00	.28216-01	.3341-01	.3679-01	19.77	.5580	.3565	542.4	.7810-03
135	1.0000	195.00	.61201-01	.7248-01	.7983-01	19.75	1.209	.3572	543.4	.1694-02
135	1.0000	196.00	.78796-01	.9330-01	.1028	19.77	1.558	.3566	542.6	.2181-02
135	1.0000	197.00	.37815-02	.4477-02	.4931-02	19.77	.7478-01	.3565	542.4	.1047-03

OH105-B 83-0 CANOPY (R3R815)

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
135	1.0000	198.00	.49247-02	.5831-02	.6422-02	19.77	.9736-01	.3567	542.7	.1363-03
135	1.0000	199.00	.16649-01	.1971-01	.2171-01	19.76	.3291	.3568	542.9	.4609-03
135	1.0000	200.00	.40190-01	.4759-01	.5241-01	19.76	.7943	.3569	542.9	.1112-02
135	1.0000	201.00	.10569	.1251	.1378	19.77	2.089	.3568	542.9	.2925-02
135	1.0000	202.00	.76721-01	.9085-01	.1001	19.76	1.516	.3569	542.9	.2124-02
135	1.0000	203.00	.11575-01	.1371-01	.1510-01	19.76	.2287	.3570	543.2	.3204-03
135	1.0000	204.00	.22369-01	.2649-01	.2917-01	19.76	.4420	.3570	543.2	.6192-03
135	1.0000	205.00	.87446-01	.1036	.1141	19.76	1.728	.3570	543.1	.2421-02
135	1.0000	207.00	.61523-01	.7285-01	.8024-01	19.76	1.216	.3570	543.2	.1703-02
135	1.0000	208.00	.81289-02	.9626-02	.1060-01	19.75	.1606	.3572	543.4	.2250-03
135	1.0000	209.00	.94369-02	.1118-01	.1231-01	19.76	.1864	.3571	543.3	.2612-03
135	1.0000	210.00	.19552-01	.2315-01	.2550-01	19.75	.3862	.3572	543.4	.5412-03
135	1.0000	211.00	.49863-02	.5916-02	.6516-02	19.77	.9875-01	.3568	542.9	.1383-03
135	1.0000	212.00	.85990-02	.1018-01	.1122-01	19.76	.1699	.3571	543.3	.2380-03
135	1.0000	213.00	.12318-01	.1458-01	.1606-01	19.77	.2435	.3567	542.7	.3409-03
135	1.0000	215.00	.29487-01	.3492-01	.3846-01	19.75	.5823	.3574	543.7	.8163-03
135	1.0000	216.00	.46759-01	.5537-01	.6099-01	19.76	.9239	.3570	543.2	.1294-02
135	1.0000	217.00	.44528-01	.5272-01	.5806-01	19.78	.8809	.3563	542.1	.1232-02
135	1.0000	218.00	.16957-01	.2008-01	.2211-01	19.77	.3352	.3568	542.8	.4694-03
135	1.0000	219.00	.22067-01	.2613-01	.2878-01	19.77	.4362	.3568	542.8	.6108-03
135	1.0000	220.00	.28251-01	.3345-01	.3684-01	19.77	.5586	.3566	542.6	.7820-03
135	1.0000	221.00	.74981-02	.8877-02	.9776-02	19.78	.1483	.3562	541.9	.2075-03
135	1.0000	222.00	.10411-01	.1233-01	.1358-01	19.77	.2058	.3566	542.6	.2882-03
135	1.0000	223.00	.29458-01	.3488-01	.3841-01	19.78	.5826	.3565	542.3	.8153-03

OH105-B 83-0 CANOPY (R3R816)

CANOPY

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
148	.0000	-1.000	7.300	1.030	236.3	1481.	364.4	.4249-01	130.3	.2737-04	4084.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
148	.0000	.8409-01

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
148	1.0000	177.00	.61259	.7297	.8068	19.07	11.68	.3769	572.5	.1704-01
148	1.0000	178.00	1.0027	1.195	1.321	19.05	19.10	.3774	573.2	.2789-01
148	1.0000	179.00	1.1051	1.317	1.456	19.05	21.05	.3774	573.3	.3074-01
148	1.0000	180.00	.49378	.5881	.6502	19.08	9.423	.3765	571.8	.1373-01
148	1.0000	181.00	.57555	.6855	.7579	19.08	10.98	.3766	572.0	.1601-01
148	1.0000	182.00	.74009	.8815	.9747	19.07	14.11	.3768	572.4	.2059-01
148	1.0000	183.00	.10363	.1234	.1364	19.09	1.978	.3764	571.7	.2882-02
148	1.0000	184.00	.14109	.1680	.1858	19.09	2.693	.3763	571.5	.3924-02
148	1.0000	185.00	.48425	.5767	.6376	19.09	9.244	.3763	571.5	.1347-01
148	1.0000	186.00	.60469	.7202	.7962	19.08	11.54	.3765	571.8	.1682-01
148	1.0000	187.00	.73945	.8807	.9737	19.08	14.11	.3766	572.0	.2057-01
148	1.0000	188.00	.97716	1.164	1.287	19.05	18.62	.3774	573.3	.2718-01
148	1.0000	189.00	.52837	.6292	.6956	19.09	10.09	.3761	571.3	.1469-01
148	1.0000	190.00	.68211	.8124	.8981	19.09	13.02	.3763	571.5	.1897-01
148	1.0000	191.00	.78844	.9391	1.038	19.08	15.04	.3765	571.9	.2193-01
148	1.0000	192.00	.34822	.4146	.4583	19.11	6.654	.3757	570.6	.9683-02
148	1.0000	193.00	.53430	.6365	.7038	19.06	10.19	.3771	572.8	.1486-01
148	1.0000	194.00	.29980	.3570	.3946	19.10	5.727	.3759	570.9	.8337-02
148	1.0000	195.00	.40693	.4846	.5358	19.09	7.767	.3763	571.5	.1132-01
148	1.0000	196.00	.36955	.4401	.4866	19.09	7.054	.3763	571.5	.1028-01
148	1.0000	197.00	.51793-01	.6165-01	.6813-01	19.15	.9918	.3744	568.6	.1440-02

(R3R816)

OH105-B 83-0 CANOPY

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
148	1.0000	198.00	.12545	.1493	.1651	19.13	2.400	.3749	569.5	.3488-02
148	1.0000	199.00	.26617	.3169	.3503	19.11	5.086	.3756	570.5	.7401-02
148	1.0000	200.00	.41308	.4919	.5438	19.10	7.890	.3759	571.0	.1149-01
148	1.0000	201.00	.50733	.6042	.6680	19.09	9.684	.3763	571.5	.1411-01
148	1.0000	202.00	.27809	.3313	.3663	19.06	5.301	.3771	572.7	.7736-02
148	1.0000	203.00	.32680	.3891	.4300	19.12	6.249	.3752	569.9	.9086-02
148	1.0000	204.00	.54184	.6452	.7132	19.11	10.35	.3757	570.7	.1507-01
148	1.0000	205.00	.59224	.7053	.7797	19.09	11.31	.3762	571.4	.1647-01
148	1.0000	207.00	.22917	.2730	.3018	19.07	4.369	.3770	572.5	.6374-02
148	1.0000	208.00	.15298	.1821	.2013	19.12	2.925	.3754	570.1	.4254-02
148	1.0000	209.00	.12090	.1438	.1591	19.11	2.311	.3755	570.4	.3362-02
148	1.0000	210.00	.12032	.1433	.1584	19.09	2.297	.3762	571.4	.3346-02
148	1.0000	211.00	.12385	.1474	.1629	19.16	2.372	.3741	568.3	.3443-02
148	1.0000	212.00	.17347	.2065	.2282	19.15	3.321	.3745	568.8	.4822-02
148	1.0000	213.00	.19631	.2338	.2584	19.10	3.749	.3760	571.1	.5459-02
148	1.0000	215.00	.17406	.2073	.2291	19.09	3.324	.3761	571.2	.4841-02
148	1.0000	216.00	.16162	.1925	.2129	19.07	3.082	.3769	572.5	.4496-02
148	1.0000	217.00	.16209	.1930	.2134	19.09	3.094	.3763	571.5	.4508-02
148	1.0000	218.00	.22755	.2709	.2994	19.14	4.355	.3747	569.2	.6326-02
148	1.0000	219.00	.20385	.2427	.2682	19.13	3.899	.3751	569.7	.5668-02
148	1.0000	220.00	.20406	.2429	.2685	19.12	3.901	.3753	570.0	.5674-02
148	1.0000	221.00	.11395	.1356	.1498	19.18	2.186	.3733	567.1	.3167-02
148	1.0000	222.00	.12975	.1544	.1706	19.16	2.486	.3740	568.1	.3607-02
148	1.0000	223.00	.10869	.1294	.1431	19.10	2.075	.3761	571.2	.3023-02

CANOPY

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
149	.0000	-1.000	7.300	1.934	465.5	1523.	375.6	.8345-01	134.3	.5215-04	4146.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
149	.0000	.1182

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
149	1.0000	177.00	.68697	.8116	.8925	28.91	19.86	.3487	545.8	.1378-01
149	1.0000	178.00	1.1110	1.313	1.444	28.89	32.10	.3490	546.3	.2229-01
149	1.0000	179.00	1.2353	1.460	1.605	28.88	35.68	.3492	546.7	.2479-01
149	1.0000	180.00	.49880	.5893	.6480	28.91	14.42	.3487	545.8	.1001-01
149	1.0000	181.00	.62094	.7336	.8068	28.90	17.95	.3488	546.0	.1246-01
149	1.0000	182.00	.81313	.9607	1.057	28.90	23.50	.3489	546.2	.1632-01
149	1.0000	183.00	.14906	.1761	.1937	28.89	4.307	.3489	546.3	.2991-02
149	1.0000	184.00	.22086	.2609	.2870	28.90	6.383	.3488	546.1	.4432-02
149	1.0000	185.00	.49639	.5864	.6449	28.90	14.35	.3487	545.9	.9960-02
149	1.0000	186.00	.65302	.7715	.8485	28.90	18.87	.3488	546.0	.1310-01
149	1.0000	187.00	.80239	.9479	1.043	28.90	23.19	.3488	546.0	.1610-01
149	1.0000	188.00	1.1755	1.389	1.528	28.88	33.95	.3492	546.7	.2359-01
149	1.0000	189.00	.54297	.6415	.7054	28.91	15.69	.3487	545.9	.1089-01
149	1.0000	190.00	.73296	.8659	.9523	28.90	21.18	.3488	545.9	.1471-01
149	1.0000	191.00	.86088	1.017	1.119	28.90	24.88	.3488	546.0	.1727-01
149	1.0000	192.00	.42443	.5014	.5515	28.90	12.27	.3489	546.1	.8517-02
149	1.0000	193.00	.67782	.8008	.8808	28.89	19.58	.3490	546.3	.1360-01
149	1.0000	194.00	.33833	.3997	.4396	28.91	9.780	.3487	545.9	.6789-02
149	1.0000	195.00	.45670	.5396	.5934	28.90	13.20	.3489	546.1	.9164-02
149	1.0000	196.00	.43555	.5145	.5659	28.91	12.59	.3487	545.9	.8739-02
149	1.0000	197.00	.82448-01	.9741-01	.1071	28.89	2.382	.3490	546.3	.1654-02

OH105-B 83-0 CANOPY (R3R817)

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
149	1.0000	198.00	.18500	.2186	.2404	28.89	5.345	.3490	546.4	.3712-02
149	1.0000	199.00	.30989	.3661	.4027	28.90	8.955	.3489	546.2	.6218-02
149	1.0000	200.00	.45439	.5368	.5904	28.90	13.13	.3488	546.0	.9118-02
149	1.0000	201.00	.56537	.6679	.7345	28.90	16.34	.3487	545.9	.1134-01
149	1.0000	202.00	.35453	.4189	.4607	28.89	10.24	.3490	546.3	.7114-02
149	1.0000	203.00	.33885	.4004	.4403	28.89	9.788	.3491	546.6	.6800-02
149	1.0000	204.00	.53907	.6369	.7004	28.90	15.58	.3488	546.0	.1082-01
149	1.0000	205.00	.63662	.7521	.8271	28.91	18.40	.3486	545.7	.1277-01
149	1.0000	207.00	.25474	.3010	.3310	28.90	7.361	.3489	546.2	.5112-02
149	1.0000	208.00	.21060	.2489	.2737	28.86	6.078	.3497	547.4	.4227-02
149	1.0000	209.00	.16654	.1968	.2164	28.90	4.812	.3489	546.2	.3342-02
149	1.0000	210.00	.14637	.1729	.1902	28.91	4.231	.3486	545.7	.2937-02
149	1.0000	211.00	.14020	.1657	.1823	28.84	4.044	.3501	548.0	.2814-02
149	1.0000	212.00	.18514	.2188	.2407	28.83	5.338	.3503	548.3	.3716-02
149	1.0000	213.00	.22407	.2648	.2913	28.85	6.465	.3498	547.6	.4497-02
149	1.0000	215.00	.22744	.2687	.2955	28.89	6.571	.3491	546.4	.4564-02
149	1.0000	216.00	.18195	.2150	.2364	28.89	5.256	.3491	546.5	.3651-02
149	1.0000	217.00	.18403	.2174	.2390	28.94	5.325	.3481	544.9	.3692-02
149	1.0000	218.00	.27886	.3295	.3623	28.90	8.059	.3488	546.1	.5596-02
149	1.0000	219.00	.25915	.3061	.3366	28.92	7.495	.3484	545.4	.5200-02
149	1.0000	220.00	.25851	.3053	.3358	28.94	7.481	.3480	544.8	.5186-02
149	1.0000	221.00	.12195	.1441	.1585	28.85	3.519	.3498	547.7	.2448-02
149	1.0000	222.00	.14626	.1728	.1901	28.86	4.220	.3498	547.6	.2936-02
149	1.0000	223.00	.12257	.1448	.1592	28.94	3.547	.3480	544.8	.2459-02

OH105-B 83-0 CANOPY (R3R818)

CANOPY

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPOBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
150	.0000	-1.000	7.300	2.993	699.4	1497.	368.7	.1256	131.8	.7998-04	4108.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
150	.0000	.1447

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
150	1.0000	177.00	.74303	.8811	.9713	34.03	25.29	.3618	555.9	.1206-01
150	1.0000	178.00	1.1941	1.416	1.562	33.99	40.58	.3626	557.1	.1938-01
150	1.0000	179.00	1.3314	1.579	1.741	33.98	45.24	.3627	557.3	.2161-01
150	1.0000	180.00	.49766	.5900	.6504	34.07	16.95	.3611	554.8	.8074-02
150	1.0000	181.00	.65964	.7821	.8622	34.05	22.46	.3615	555.4	.1070-01
150	1.0000	182.00	.86675	1.028	1.133	34.03	29.50	.3617	555.8	.1406-01
150	1.0000	183.00	.17572	.2083	.2296	34.07	5.986	.3612	554.9	.2851-02
150	1.0000	184.00	.31271	.3707	.4086	34.07	10.65	.3611	554.7	.5074-02
150	1.0000	185.00	.50750	.6017	.6632	34.07	17.29	.3612	554.9	.8234-02
150	1.0000	186.00	.70249	.8329	.9182	34.05	23.92	.3614	555.3	.1140-01
150	1.0000	187.00	.86135	1.021	1.126	34.04	29.32	.3616	555.6	.1398-01
150	1.0000	188.00	1.3237	1.570	1.731	33.97	44.97	.3628	557.5	.2149-01
150	1.0000	189.00	.56407	.6687	.7371	34.08	19.22	.3609	554.5	.9152-02
150	1.0000	190.00	.79228	.9393	1.035	34.06	26.99	.3612	555.0	.1285-01
150	1.0000	191.00	.93381	1.107	1.221	34.05	31.79	.3615	555.4	.1515-01
150	1.0000	192.00	.40777	.4834	.5328	34.09	13.90	.3607	554.2	.6615-02
150	1.0000	193.00	.79070	.9378	1.034	34.00	26.88	.3624	556.8	.1283-01
150	1.0000	194.00	.37909	.4494	.4953	34.09	12.92	.3608	554.4	.6150-02
150	1.0000	195.00	.48928	.5801	.6395	34.05	16.66	.3614	555.3	.7939-02
150	1.0000	196.00	.47998	.5691	.6274	34.05	16.34	.3615	555.4	.7788-02
150	1.0000	197.00	.11575	.1372	.1512	34.14	3.952	.3598	552.9	.1878-02

(R3R818)

OH105-B 83-0 CANOPY

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
150	1.0000	198.00	.22520	.2669	.2942	34.12	7.683	.3603	553.5	.3653-02
150	1.0000	199.00	.31988	.3792	.4180	34.09	10.90	.3607	554.3	.5190-02
150	1.0000	200.00	.49654	.5887	.6489	34.07	16.92	.3611	554.8	.8056-02
150	1.0000	201.00	.61581	.7302	.8049	34.05	20.97	.3615	555.4	.9992-02
150	1.0000	202.00	.40416	.4793	.5285	34.00	13.74	.3624	556.7	.6559-02
150	1.0000	203.00	.34037	.4035	.4447	34.10	11.60	.3606	554.1	.5522-02
150	1.0000	204.00	.57518	.6819	.7516	34.08	19.60	.3610	554.6	.9332-02
150	1.0000	205.00	.69121	.8195	.9034	34.05	23.54	.3614	555.2	.1122-01
150	1.0000	207.00	.27942	.3314	.3654	34.01	9.502	.3623	556.6	.4535-02
150	1.0000	208.00	.24892	.2951	.3253	34.07	8.480	.3611	554.8	.4039-02
150	1.0000	209.00	.21176	.2510	.2767	34.08	7.216	.3610	554.6	.3436-02
150	1.0000	210.00	.18456	.2188	.2412	34.05	6.285	.3614	555.2	.2995-02
150	1.0000	211.00	.14417	.1709	.1883	34.12	4.920	.3601	553.3	.2339-02
150	1.0000	212.00	.19526	.2315	.2551	34.10	6.659	.3605	553.9	.3168-02
150	1.0000	213.00	.23788	.2821	.3109	34.04	8.097	.3617	555.7	.3860-02
150	1.0000	215.00	.27098	.3213	.3542	34.04	9.224	.3616	555.6	.4397-02
150	1.0000	216.00	.20002	.2372	.2616	34.00	6.800	.3624	556.8	.3246-02
150	1.0000	217.00	.20330	.2410	.2657	34.05	6.922	.3615	555.4	.3299-02
150	1.0000	218.00	.31561	.3741	.4123	34.11	10.76	.3604	553.8	.5120-02
150	1.0000	219.00	.29354	.3480	.3835	34.10	10.01	.3606	554.0	.4762-02
150	1.0000	220.00	.29458	.3492	.3849	34.10	10.04	.3606	554.1	.4779-02
150	1.0000	221.00	.13089	.1551	.1709	34.15	4.471	.3596	552.5	.2123-02
150	1.0000	222.00	.16193	.1919	.2115	34.12	5.524	.3603	553.5	.2627-02
150	1.0000	223.00	.13833	.1640	.1808	34.06	4.711	.3614	555.2	.2245-02

OH105-B 83-0 CANOPY (R3R819)

CANOPY

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
151	.0000	-1.000	7.300	3.654	865.5	1509.	371.8	.1553	132.9	.9806-04	4125.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
151	.0000	.1611

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
151	1.0000	177.00	.75699	.8975	.9892	38.23	28.94	.3611	559.5	.1110-01
151	1.0000	178.00	1.2310	1.460	1.609	38.19	47.01	.3618	560.6	.1805-01
151	1.0000	179.00	1.3769	1.633	1.800	38.18	52.57	.3619	560.7	.2019-01
151	1.0000	180.00	.49730	.5894	.6496	38.28	19.04	.3603	558.3	.7290-02
151	1.0000	181.00	.67304	.7978	.8794	38.26	25.75	.3607	558.9	.9867-02
151	1.0000	182.00	.88999	1.055	1.163	38.24	34.03	.3609	559.2	.1305-01
151	1.0000	183.00	.19097	.2264	.2495	38.27	7.308	.3605	558.6	.2800-02
151	1.0000	184.00	.33819	.4009	.4418	38.27	12.94	.3604	558.4	.4957-02
151	1.0000	185.00	.51458	.6099	.6722	38.28	19.70	.3603	558.3	.7543-02
151	1.0000	186.00	.72147	.8552	.9426	38.26	27.61	.3605	558.6	.1058-01
151	1.0000	187.00	.88434	1.048	1.155	38.26	33.83	.3607	558.9	.1296-01
151	1.0000	188.00	1.3848	1.642	1.810	38.18	52.87	.3619	560.7	.2031-01
151	1.0000	189.00	.57165	.6775	.7467	38.30	21.89	.3600	557.9	.8379-02
151	1.0000	190.00	.80853	.9583	1.056	38.28	30.95	.3603	558.2	.1185-01
151	1.0000	191.00	.96404	1.143	1.259	38.27	36.89	.3605	558.6	.1413-01
151	1.0000	192.00	.39974	.4738	.5221	38.30	15.31	.3599	557.7	.5859-02
151	1.0000	193.00	.83113	.9854	1.086	38.21	31.76	.3613	559.9	.1219-01
151	1.0000	194.00	.39104	.4634	.5107	38.30	14.98	.3599	557.7	.5732-02
151	1.0000	195.00	.49766	.5899	.6502	38.27	19.04	.3605	558.6	.7295-02
151	1.0000	196.00	.49404	.5856	.6454	38.27	18.91	.3604	558.5	.7242-02
151	1.0000	197.00	.13226	.1567	.1727	38.33	5.069	.3595	557.1	.1938-02

OH105-B 83-0 CANOPY (R3R819)

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
151	1.0000	198.00	.23031	.2729	.3008	38.31	8.823	.3598	557.5	.3376-02
151	1.0000	199.00	.32531	.3856	.4249	38.29	12.46	.3601	557.9	.4768-02
151	1.0000	200.00	.51370	.6089	.6710	38.28	19.66	.3603	558.3	.7530-02
151	1.0000	201.00	.63649	.7545	.8315	38.27	24.36	.3605	558.6	.9331-02
151	1.0000	202.00	.42325	.5018	.5531	38.22	16.18	.3613	559.8	.6206-02
151	1.0000	203.00	.34305	.4066	.4481	38.29	13.14	.3601	557.9	.5028-02
151	1.0000	204.00	.59372	.7037	.7755	38.29	22.73	.3602	558.1	.8703-02
151	1.0000	205.00	.71504	.8475	.9341	38.27	27.37	.3604	558.4	.1048-01
151	1.0000	207.00	.29365	.3482	.3838	38.22	11.22	.3613	559.8	.4305-02
151	1.0000	208.00	.26321	.3120	.3439	38.26	10.07	.3605	558.6	.3859-02
151	1.0000	209.00	.22945	.2720	.2997	38.29	8.785	.3602	558.1	.3363-02
151	1.0000	210.00	.20857	.2472	.2725	38.28	7.983	.3604	558.4	.3057-02
151	1.0000	211.00	.14597	.1730	.1906	38.30	5.591	.3599	557.7	.2140-02
151	1.0000	212.00	.19995	.2370	.2612	38.27	7.653	.3604	558.4	.2931-02
151	1.0000	213.00	.25143	.2981	.3285	38.25	9.618	.3608	559.0	.3686-02
151	1.0000	215.00	.29269	.3470	.3824	38.25	11.19	.3608	559.1	.4291-02
151	1.0000	216.00	.21531	.2553	.2814	38.21	8.226	.3615	560.1	.3157-02
151	1.0000	217.00	.21712	.2574	.2836	38.27	8.309	.3605	558.6	.3183-02
151	1.0000	218.00	.32972	.3908	.4306	38.31	12.63	.3598	557.5	.4833-02
151	1.0000	219.00	.30858	.3657	.4030	38.31	11.82	.3598	557.4	.4523-02
151	1.0000	220.00	.30996	.3673	.4048	38.32	11.88	.3596	557.2	.4543-02
151	1.0000	221.00	.13612	.1613	.1778	38.33	5.218	.3595	557.0	.1995-02
151	1.0000	222.00	.16871	.1999	.2203	38.30	6.462	.3599	557.7	.2473-02
151	1.0000	223.00	.14889	.1765	.1945	38.28	5 699	.3603	558.3	.2183-02

OH105-B 83-0 CANOPY (R3R820)

CANOPY

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
155	.0000	1.000	7.300	1.066	240.7	1467.	360.8	.4332-01	129.0	.2818-04	4063.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
155	.0000	.8482-01

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
155	1.0000	177.00	.61001	.7229	.7967	19.59	11.95	.3598	541.0	.1664-01
155	1.0000	178.00	1.0026	1.188	1.309	19.59	19.64	.3598	541.0	.2735-01
155	1.0000	179.00	1.0903	1.292	1.424	19.58	21.35	.3601	541.4	.2974-01
155	1.0000	180.00	.48591	.5759	.6346	19.59	9.517	.3599	541.1	.1326-01
155	1.0000	181.00	.56524	.6699	.7383	19.58	11.07	.3601	541.5	.1542-01
155	1.0000	182.00	.73415	.8702	.9591	19.57	14.37	.3604	541.9	.2003-01
155	1.0000	183.00	.10623	.1259	.1387	19.59	2.081	.3598	540.9	.2898-02
155	1.0000	184.00	.13127	.1556	.1714	19.59	2.572	.3598	541.0	.3581-02
155	1.0000	185.00	.46946	.5564	.6132	19.58	9.194	.3600	541.3	.1281-01
155	1.0000	186.00	.57765	.6847	.7546	19.58	11.31	.3602	541.7	.1576-01
155	1.0000	187.00	.73784	.8745	.9638	19.57	14.44	.3603	541.7	.2013-01
155	1.0000	188.00	.97323	1.154	1.271	19.58	19.05	.3602	541.6	.2655-01
155	1.0000	189.00	.50237	.5954	.6562	19.58	9.837	.3601	541.4	.1371-01
155	1.0000	190.00	.65271	.7737	.8527	19.57	12.78	.3603	541.8	.1781-01
155	1.0000	191.00	.77722	.9213	1.015	19.57	15.21	.3605	542.0	.2121-01
155	1.0000	192.00	.34372	.4073	.4489	19.59	6.735	.3597	540.8	.9376-02
155	1.0000	193.00	.51050	.6051	.6668	19.58	9.995	.3602	541.5	.1393-01
155	1.0000	194.00	.27412	.3249	.3580	19.59	5.369	.3599	541.1	.7478-02
155	1.0000	195.00	.37114	.4399	.4848	19.57	7.264	.3603	541.8	.1013-01
155	1.0000	196.00	.33173	.3932	.4333	19.57	6.493	.3603	541.7	.9050-02
155	1.0000	197.00	.58967-01	.6986-01	.7697-01	19.62	1.157	.3587	539.4	.1608-02

OH105-B 83-0 CANOPY (R3R820)

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
155	1.0000	198.00	.11593	.1374	.1514	19.61	2.274	.3591	539.9	.3162-02
155	1.0000	199.00	.23381	.2771	.3053	19.59	4.581	.3597	540.8	.6378-02
155	1.0000	200.00	.37563	.4452	.4906	19.58	7.356	.3600	541.3	.1025-01
155	1.0000	201.00	.46828	.5550	.6117	19.58	9.168	.3602	541.5	.1278-01
155	1.0000	202.00	.24512	.2905	.3202	19.58	4.799	.3602	541.6	.6687-02
155	1.0000	203.00	.31527	.3736	.4117	19.60	6.179	.3595	540.6	.8600-02
155	1.0000	204.00	.50570	.5993	.6605	19.59	9.906	.3598	541.1	.1380-01
155	1.0000	205.00	.54992	.6518	.7183	19.58	10.77	.3601	541.5	.1500-01
155	1.0000	207.00	.21247	.2518	.2775	19.58	4.160	.3601	541.5	.5796-02
155	1.0000	208.00	.14152	.1677	.1848	19.60	2.773	.3596	540.6	.3860-02
155	1.0000	209.00	.11034	.1308	.1441	19.59	2.162	.3597	540.8	.3010-02
155	1.0000	210.00	.10802	.1280	.1411	19.59	2.116	.3599	541.2	.2947-02
155	1.0000	211.00	.11110	.1316	.1450	19.61	2.179	.3591	540.0	.3030-02
155	1.0000	212.00	.15257	.1808	.1992	19.61	2.991	.3592	540.2	.4161-02
155	1.0000	213.00	.18856	.2235	.2462	19.59	3.695	.3597	540.8	.5144-02
155	1.0000	215.00	.16002	.1897	.2090	19.58	3.132	.3602	541.7	.4366-02
155	1.0000	216.00	.15576	.1846	.2035	19.58	3.049	.3602	541.6	.4249-02
155	1.0000	217.00	.15646	.1854	.2043	19.60	3.067	.3594	540.3	.4268-02
155	1.0000	218.00	.20494	.2428	.2676	19.61	4.019	.3591	539.9	.5590-02
155	1.0000	219.00	.17337	.2054	.2264	19.61	3.399	.3592	540.1	.4729-02
155	1.0000	220.00	.18559	.2199	.2423	19.61	3.639	.3592	540.1	.5062-02
155	1.0000	221.00	.10099	.1197	.1318	19.62	1.981	.3589	539.6	.2754-02
155	1.0000	222.00	.10801	.1280	.1410	19.61	2.118	.3590	539.8	.2946-02
155	1.0000	223.00	.10241	.1214	.1337	19.60	2.008	.3594	540.3	.2793-02

OH105-B 83-0 CANOPY (R3R821)

CANOPY

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
154	.0000	1.000	7.300	2.036	469.2	1485.	365.4	.8433-01	130.6	.5417-04	4090.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
154	.0000	.1185

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
154	1.0000	177.00	.66766	.7919	.8731	27.59	18.42	.3625	552.2	.1316-01
154	1.0000	178.00	1.0633	1.261	1.391	27.57	29.31	.3630	552.9	.2096-01
154	1.0000	179.00	1.1683	1.386	1.528	27.56	32.20	.3631	553.0	.2303-01
154	1.0000	180.00	.47089	.5584	.6156	27.62	13.01	.3618	551.1	.9279-02
154	1.0000	181.00	.59103	.7009	.7727	27.61	16.32	.3620	551.3	.1165-01
154	1.0000	182.00	.78489	.9308	1.026	27.61	21.67	.3622	551.6	.1547-01
154	1.0000	183.00	.14175	.1681	.1853	27.62	3.914	.3620	551.3	.2793-02
154	1.0000	184.00	.20686	.2453	.2704	27.62	5.713	.3618	551.1	.4076-02
154	1.0000	185.00	.45631	.5411	.5965	27.63	12.61	.3617	550.8	.8991-02
154	1.0000	186.00	.60655	.7193	.7930	27.62	16.75	.3619	551.2	.1195-01
154	1.0000	187.00	.77198	.9155	1.009	27.61	21.32	.3620	551.3	.1521-01
154	1.0000	188.00	1.1497	1.364	1.504	27.57	31.70	.3629	552.7	.2266-01
154	1.0000	189.00	.49891	.5916	.6521	27.64	13.79	.3615	550.6	.9830-02
154	1.0000	190.00	.67999	.8063	.8889	27.63	18.78	.3617	550.9	.1340-01
154	1.0000	191.00	.81557	.9671	1.066	27.62	22.52	.3619	551.2	.1607-01
154	1.0000	192.00	.36365	.4312	.4753	27.64	10.05	.3615	550.5	.7165-02
154	1.0000	193.00	.63484	.7529	.8302	27.59	17.52	.3625	552.1	.1251-01
154	1.0000	194.00	.31016	.3678	.4054	27.64	8.572	.3615	550.6	.6111-02
154	1.0000	195.00	.40555	.4809	.5302	27.62	11.20	.3619	551.2	.7991-02
154	1.0000	196.00	.38842	.4606	.5078	27.62	10.73	.3619	551.1	.7654-02
154	1.0000	197.00	.93046-01	.1103	.1216	27.65	2.572	.3613	550.2	.1833-02

OH105-B 83-0 CANOPY (R3R821)

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
154	1.0000	198.00	.17455	.2070	.2282	27.63	4.823	.3616	550.7	.3439-02
154	1.0000	199.00	.26037	.3087	.3404	27.63	7.193	.3617	550.9	.5130-02
154	1.0000	200.00	.40403	.4791	.5281	27.63	11.16	.3617	550.9	.7961-02
154	1.0000	201.00	.51251	.6077	.6700	27.62	14.15	.3619	551.1	.1010-01
154	1.0000	202.00	.31447	.3730	.4112	27.59	8.675	.3626	552.2	.6198-02
154	1.0000	203.00	.29681	.3520	.3880	27.62	8.199	.3618	551.0	.5849-02
154	1.0000	204.00	.50591	.5999	.6614	27.62	13.97	.3618	551.0	.9969-02
154	1.0000	205.00	.57759	.6849	.7551	27.62	15.95	.3619	551.2	.1138-01
154	1.0000	207.00	.23135	.2744	.3026	27.59	6 382	.3626	552.2	.4560-02
154	1.0000	208.00	.18605	.2207	.2433	27.60	5.135	.3623	551.8	.3666-02
154	1.0000	209.00	.14078	.1669	.1840	27.61	3.887	.3620	551.3	.2774-02
154	1.0000	210.00	.13417	.1591	.1754	27.61	3.705	.3620	551.3	.2644-02
154	1.0000	211.00	.10883	.1291	.1423	27.62	3.006	.3619	551.2	.2144-02
154	1.0000	212.00	.15844	.1879	.2071	27.61	4.374	.3621	551.5	.3122-02
154	1.0000	213.00	.20212	.2398	.2644	27.58	5.574	.3628	552.6	.3984-02
154	1.0000	215.00	.20152	.2390	.2635	27.60	5.563	.3622	551.6	.3971-02
154	1.0000	216.00	.16316	.1935	.2134	27.58	4.500	.3628	552.5	.3216-02
154	1.0000	217.00	.17178	.2037	.2246	27.61	4.742	.3621	551.5	.3385-02
154	1.0000	218.00	.25462	.3019	.3329	27.62	7.032	.3619	551.2	.5017-02
154	1.0000	219.00	.22272	.2641	.2911	27.62	6.152	.3618	551.0	.4389-02
154	1.0000	220.00	.23071	.2736	.3016	27.63	6.375	.3616	550.7	.4546-02
154	1.0000	221.00	.10685	.1267	.1397	27.63	2.953	.3616	550.7	.2105-02
154	1.0000	222.00	.11330	.1344	.1481	27.62	3.129	.3620	551.3	.2233-02
154	1.0000	223.00	.10919	.1295	.1428	27.61	3.015	.3620	551.4	.2152-02

OH105-B 83-0 CANOPY (R3R822)

CANOPY

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
153	.0000	1.000	7.300	3.014	699.8	1491.	367.2	.1257	131.3	.8038-04	4099.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
153	.0000	.1448

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
153	1.0000	177.00	.73884	.8765	.9665	33.82	24.99	.3632	555.8	.1196-01
153	1.0000	178.00	1.1828	1.403	1.548	33.78	39.95	.3641	557.1	.1915-01
153	1.0000	179.00	1.3147	1.560	1.721	33.76	44.39	.3643	557.4	.2129-01
153	1.0000	180.00	.50301	.5954	.6565	33.86	17.00	.3625	554.8	.8124-02
153	1.0000	181.00	.64595	.7674	.8462	33.84	21.89	.3629	555.4	.1047-01
153	1.0000	182.00	.86325	1.024	1.129	33.82	29.20	.3632	555.8	.1397-01
153	1.0000	183.00	.17330	.2056	.2266	33.86	5.868	.3626	554.8	.2805-02
153	1.0000	184.00	.26304	.3120	.3440	33.87	8.908	.3624	554.6	.4257-02
153	1.0000	185.00	.49692	.5894	.6498	33.86	16.83	.3625	554.7	.8042-02
153	1.0000	186.00	.67120	.7961	.8778	33.85	22.72	.3628	555.1	.1086-01
153	1.0000	187.00	.85044	1.009	1.112	33.84	28.78	.3630	555.4	.1376-01
153	1.0000	188.00	1.3082	1.552	1.712	33.76	44.17	.3643	557.4	.2118-01
153	1.0000	189.00	.55021	.6525	.7194	33.88	18.64	.3622	554.2	.8904-02
153	1.0000	190.00	.76088	.9025	.9950	33.86	25.76	.3625	554.8	.1231-01
153	1.0000	191.00	.90574	1.074	1.185	33.84	30.65	.3629	555.3	.1466-01
153	1.0000	192.00	.38287	.4540	.5005	33.90	12.98	.3619	553.8	.6196-02
153	1.0000	193.00	.74467	.8835	.9744	33.79	25.17	.3637	556.6	.1206-01
153	1.0000	194.00	.36145	.4286	.4726	33.89	12.25	.3620	554.0	.5849-02
153	1.0000	195.00	.45897	.5444	.6002	33.85	15.54	.3627	555.0	.7428-02
153	1.0000	196.00	.44625	.5293	.5836	33.85	15.10	.3627	555.1	.7223-02
153	1.0000	197.00	.11839	.1403	.1547	33.96	4.021	.3606	551.9	.1915-02

OH105-B 83-0 CANOPY

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
153	1.0000	198.00	.20060	.2378	.2622	33.93	6.807	.3612	552.7	.3245-02
153	1.0000	199.00	.28898	.3427	.3778	33.89	9.794	.3619	553.9	.4676-02
153	1.0000	200.00	.45055	.5343	.5891	33.87	15.26	.3623	554.4	.7291-02
153	1.0000	201.00	.57203	.6785	.7481	33.85	19.36	.3627	555.1	.9258-02
153	1.0000	202.00	.36747	.4360	.4808	33.79	12.42	.3637	556.6	.5949-02
153	1.0000	203.00	.31948	.3788	.4176	33.90	10.83	.3617	553.5	.5170-02
153	1.0000	204.00	.56236	.6669	.7353	33.88	19.05	.3622	554.2	.9101-02
153	1.0000	205.00	.64528	.7654	.8439	33.85	21.85	.3626	554.9	.1044-01
153	1.0000	207.00	.25856	.3068	.3383	33.79	8.737	.3638	556.6	.4186-02
153	1.0000	208.00	.22575	.2677	.2951	33.89	7.651	.3620	553.9	.3653-02
153	1.0000	209.00	.17787	.2109	.2326	33.88	6.027	.3621	554.1	.2878-02
153	1.0000	210.00	.16839	.1997	.2202	33.85	5.700	.3627	555.0	.2725-02
153	1.0000	211.00	.12108	.1435	.1582	33.96	4.112	.3607	551.9	.1959-02
153	1.0000	212.00	.17619	.2089	.2303	33.93	5.978	.3613	552.9	.2851-02
153	1.0000	213.00	.23158	.2747	.3028	33.86	7.842	.3624	554.6	.3748-02
153	1.0000	215.00	.24845	.2947	.3250	33.93	8.404	.3631	555.7	.4021-02
153	1.0000	216.00	.18612	.2209	.2436	33.78	6.287	.3640	557.1	.3013-02
153	1.0000	217.00	.19455	.2308	.2545	33.83	6.581	.3631	555.6	.3149-02
153	1.0000	218.00	.29575	.3507	.3866	33.91	10.03	.3616	553.3	.4785-02
153	1.0000	219.00	.25787	.3058	.3371	33.90	8.742	.3618	553.7	.4173-02
153	1.0000	220.00	.26594	.3154	.3477	33.89	9.013	.3619	553.8	.4303-02
153	1.0000	221.00	.12160	.1441	.1588	33.99	4.133	.3602	551.2	.1967-02
153	1.0000	222.00	.12716	.1508	.1662	33.94	4.316	.3611	552.6	.2057-02
153	1.0000	223.00	.12665	.1502	.1656	33.84	4.286	.3629	555.3	.2050-02

OH105-B 83-0 CANOPY (R3R823)

CANOPY

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
152	.0000	1.000	7.300	3.701	865.1	1497.	368.7	.1554	131.8	.9890-04	4108.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
152	.0000	.1610

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
152	1.0000	177.00	.77209	.9152	1.009	37.95	29.30	.3603	553.7	.1126-01
152	1.0000	178.00	1.2466	1.478	1.629	37.90	47.25	.3610	554.8	.1819-01
152	1.0000	179.00	1.3948	1.654	1.823	37.88	52.83	.3614	555.4	.2035-01
152	1.0000	180.00	.51517	.6105	.6728	37.98	19.57	.3598	553.0	.7514-02
152	1.0000	181.00	.67497	.8000	.8817	37.95	25.62	.3603	553.7	.9846-02
152	1.0000	182.00	.90501	1.073	1.182	37.93	34.33	.3606	554.1	.1320-01
152	1.0000	183.00	.18829	.2232	.2459	37.98	7.151	.3599	553.0	.2746-02
152	1.0000	184.00	.28961	.3432	.3782	37.98	11.00	.3598	552.9	.4224-02
152	1.0000	185.00	.51627	.6119	.6743	37.97	19.60	.3599	553.1	.7531-02
152	1.0000	186.00	.70632	.8372	.9227	37.95	26.80	.3603	553.7	.1030-01
152	1.0000	187.00	.89562	1.062	1.170	37.94	33.98	.3605	554.0	.1307-01
152	1.0000	188.00	1.3970	1.656	1.826	37.87	52.90	.3616	555.7	.2038-01
152	1.0000	189.00	.57712	.6840	.7538	37.97	21.91	.3599	553.1	.8418-02
152	1.0000	190.00	.80106	.9495	1.046	37.95	30.40	.3602	553.6	.1169-01
152	1.0000	191.00	.95724	1.135	1.251	37.94	36.32	.3605	554.0	.1396-01
152	1.0000	192.00	.38927	.4613	.5084	37.98	14.79	.3597	552.8	.5678-02
152	1.0000	193.00	.79900	.9473	1.044	37.89	30.28	.3612	555.1	.1166-01
152	1.0000	194.00	.38368	.4547	.5011	37.98	14.57	.3599	553.0	.5596-02
152	1.0000	195.00	.48202	.5714	.6297	37.94	18.29	.3604	553.9	.7032-02
152	1.0000	196.00	.47365	.5614	.6188	37.94	17.97	.3604	553.9	.6910-02
152	1.0000	197.00	.13137	.1557	.1715	38.03	4.996	.3590	551.7	.1916-02

OH105-B 83-0 CANOPY

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
152	1.0000	198.00	.21274	.2521	.2778	38.00	8.084	.3595	552.4	.3103-02
152	1.0000	199.00	.30507	.3616	.3984	37.97	11.58	.3599	553.1	.4450-02
152	1.0000	200.00	.47571	.5638	.6214	37.96	18.06	.3602	553.5	.6939-02
152	1.0000	201.00	.60227	.7139	.7868	37.94	22.85	.3605	553.9	.8786-02
152	1.0000	202.00	.39381	.4669	.5147	37.89	14.92	.3612	555.1	.5746-02
152	1.0000	203.00	.33462	.3966	.4370	37.98	12.71	.3598	553.0	.4881-02
152	1.0000	204.00	.59053	.6999	.7713	37.96	22.42	.3601	553.4	.8614-02
152	1.0000	205.00	.68186	.8092	.8907	37.95	25.87	.3603	553.8	.9947-02
152	1.0000	207.00	.27495	.3260	.3593	37.90	10.42	.3611	555.0	.4012-02
152	1.0000	208.00	.24787	.2938	.3238	37.94	9.404	.3605	554.0	.3616-02
152	1.0000	209.00	.20202	.2394	.2639	37.96	7.668	.3602	553.5	.2947-02
152	1.0000	210.00	.19146	.2269	.2501	37.94	7.265	.3604	553.8	.2793-02
152	1.0000	211.00	.13010	.1542	.1699	37.97	4.940	.3600	553.2	.1898-02
152	1.0000	212.00	.18760	.2224	.2451	37.95	7.119	.3603	553.7	.2737-02
152	1.0000	213.00	.24196	.2869	.3162	37.89	9.167	.3613	555.3	.3530-02
152	1.0000	215.00	.27038	.3205	.3532	37.94	10.26	.3604	553.8	.3944-02
152	1.0000	216.00	.19884	.2357	.2598	37.90	7.536	.3611	554.9	.2901-02
152	1.0000	217.00	.20886	.2476	.2728	37.95	7.926	.3603	553.7	.3047-02
152	1.0000	218.00	.31594	.3744	.4127	37.97	12.00	.3600	553.2	.4609-02
152	1.0000	219.00	.27691	.3282	.3617	37.98	10.52	.3598	552.9	.4039-02
152	1.0000	220.00	.28570	.3386	.3731	37.99	10.85	.3597	552.7	.4167-02
152	1.0000	221.00	.12933	.1533	.1689	37.99	4.913	.3597	552.7	.1886-02
152	1.0000	222.00	.13727	.1627	.1793	37.96	5.210	.3602	553.5	.2002-02
152	1.0000	223.00	.13763	.1631	.1798	37.96	5.224	.3601	553.4	.2008-02

CANOPY

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
156	.0000	.0000	7.300	3.657	864.9	1507.	371.4	.1552	132.8	.9809-04	4123.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
156	.0000	.1610

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
156	1.0000	177.00	.77356	.9132	1.004	39.11	30.26	.3461	535.8	.1130-01
156	1.0000	178.00	1.2470	1.472	1.618	39.10	48.75	.3464	536.2	.1822-01
156	1.0000	179.00	1.3951	1.647	1.811	39.10	54.55	.3463	536.1	.2038-01
156	1.0000	180.00	.51552	.6084	.6687	39.17	20.19	.3452	534.4	.7531-02
156	1.0000	181.00	.67904	.8015	.8809	39.15	26.59	.3455	534.8	.9920-02
156	1.0000	182.00	.90032	1.063	1.168	39.15	35.25	.3455	534.9	.1315-01
156	1.0000	183.00	.19085	.2253	.2476	39.15	7.472	.3455	534.8	.2788-02
156	1.0000	184.00	.30216	.3566	.3920	39.17	11.83	.3453	534.5	.4414-02
156	1.0000	185.00	.52163	.6156	.6766	39.18	20.44	.3451	534.2	.7620-02
156	1.0000	186.00	.71779	.8472	.9311	39.16	28.11	.3453	534.5	.1049-01
156	1.0000	187.00	.89240	1.053	1.158	39.17	34.95	.3453	534.5	.1304-01
156	1.0000	188.00	1.3990	1.651	1.815	39.12	54.74	.3459	535.5	.2044-01
156	1.0000	189.00	.58597	.6915	.7600	39.20	22.97	.3448	533.7	.8559-02
156	1.0000	190.00	.81376	.9604	1.055	39.18	31.88	.3450	534.1	.1189-01
156	1.0000	191.00	.96397	1.138	1.250	39.18	37.76	.3451	534.2	.1408-01
156	1.0000	192.00	.39985	.4719	.5186	39.18	15.67	.3450	534.1	.5841-02
156	1.0000	193.00	.81930	.9670	1.063	39.15	32.08	.3455	534.8	.1197-01
156	1.0000	194.00	.39257	.4633	.5091	39.21	15.39	.3446	533.5	.5734-02
156	1.0000	195.00	.49551	.5848	.6427	39.18	19.41	.3450	534.1	.7238-02
156	1.0000	196.00	.49071	.5791	.6364	39.20	19.24	.3447	533.7	.7168-02
156	1.0000	197.00	.12949	.1528	.1680	39.14	5.068	.3457	535.2	.1892-02

OH105-B 83-0 CANOPY (R3R824)

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
156	1.0000	198.00	.22069	.2605	.2863	39.15	8.639	.3456	534.9	.3224-02
156	1.0000	199.00	.31665	.3737	.4107	39.19	12.41	.3448	533.8	.4625-02
156	1.0000	200.00	.49625	.5856	.6435	39.21	19.46	.3445	533.3	.7248-02
156	1.0000	201.00	.62563	.7383	.8113	39.21	24.53	.3446	533.5	.9138-02
156	1.0000	202.00	.40368	.4835	.5314	39.17	16.05	.3453	534.5	.5985-02
156	1.0000	203.00	.34589	.4082	.4486	39.18	13.55	.3451	534.2	.5053-02
156	1.0000	204.00	.59881	.7066	.7765	39.22	23.48	.3444	533.2	.8746-02
156	1.0000	205.00	.70522	.8322	.9145	39.22	27.66	.3445	533.2	.1030-01
156	1.0000	207.00	.28576	.3372	.3706	39.19	11.20	.3449	534.0	.4174-02
156	1.0000	208.00	.25570	.3018	.3318	39.14	10.01	.3457	535.1	.3736-02
156	1.0000	209.00	.21376	.2522	.2772	39.21	8.381	.3446	533.4	.3122-02
156	1.0000	210.00	.20128	.2375	.2610	39.23	7.897	.3442	532.8	.2940-02
156	1.0000	211.00	.13606	.1606	.1766	39.08	5.317	.3467	536.7	.1988-02
156	1.0000	212.00	.19306	.2279	.2506	39.09	7.547	.3464	536.3	.2821-02
156	1.0000	213.00	.24413	.2882	.3168	39.12	9.550	.3460	535.7	.3567-02
156	1.0000	215.00	.28285	.3337	.3667	39.23	11.10	.3442	532.9	.4131-02
156	1.0000	216.00	.20847	.2460	.2704	39.20	8.171	.3448	533.7	.3045-02
156	1.0000	217.00	.21541	.2542	.2793	39.23	8.451	.3442	532.8	.3146-02
156	1.0000	218.00	.32507	.3836	.4216	39.19	12.74	.3448	533.8	.4748-02
156	1.0000	219.00	.29095	.3433	.3772	39.24	11.42	.3441	532.7	.4249-02
156	1.0000	220.00	.29768	.3512	.3859	39.26	11.69	.3437	532.1	.4347-02
156	1.0000	221.00	.13349	.1576	.1732	39.11	5.220	.3462	536.0	.1950-02
156	1.0000	222.00	.15519	.1832	.2014	39.11	6.070	.3461	535.8	.2267-02
156	1.0000	223.00	.14424	.1702	.1870	39.25	5.662	.3439	532.4	.2107-02

OH105-B 83-0 BOTTOM CENTERLINE (R3R701)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
180	.0000	.0000	7.300	1.035	236.9	1479.	363.9	.4260-01	130.1	.2748-04	4081.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
180	.0000	.8419-01

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
180	.00000	.10000-02	273.00	.6646	.7901	.8725	19.26	12.80	.3706	561.9	.1842-01
180	.00000	.70000-02	276.00	.3253	.3867	.4270	19.27	6.268	.3704	561.6	.9014-02
180	.00000	.19900-01	279.00	.1357	.1612	.1780	19.29	2.617	.3697	560.6	.3759-02
180	.00000	.41400-01	285.00	.6293-01	.7481-01	.8260-01	19.27	1.213	.3702	561.4	.1744-02
180	.00000	.10000+00	288.00	.1972-01	.2344-01	.2588-01	19.28	.3802	.3701	561.2	.5464-03
180	.00000	.25000	291.00	.5754-02	.6842-02	.7555-02	19.26	.1108	.3706	562.1	.1595-03
180	.00000	.40000	294.00	.3482-02	.4140-02	.4572-02	19.25	.6702-01	.3710	562.6	.9649-04

OH105-B 83-0 BOTTOM CENTERLINE (R3R702)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
181	.0000	.0000	7.300	1.988	468.5	1504.	370.6	.8409-01	132.5	.5326-04	4118.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
181	.0000	.1185

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
181	.00000	.10000-02	273.00	.6339	.7505	.8264	28.27	17.92	.3560	549.9	.1259-01
181	.00000	.70000-02	276.00	.3110	.3681	.4053	28.29	8.798	.3555	549.1	.6177-02
181	.00000	.19900-01	279.00	.1248	.1476	.1624	28.45	3.551	.3519	543.5	.2477-02
181	.00000	.41400-01	285.00	.5979-01	.7069-01	.7778-01	28.48	1.703	.3514	542.8	.1187-02
181	.00000	.10000+00	288.00	.1882-01	.2224-01	.2446-01	28.54	.5371	.3499	540.5	.3733-03
181	.00000	.25000	291.00	.4798-02	.5676-02	.6248-02	28.37	.1361	.3537	546.3	.9527-04
181	.00000	.40000	294.00	.3615-02	.4279-02	.4713-02	28.25	.1021	.3563	550.3	.7181-04

OH105-B 83-0 BOTTOM CENTERLINE (R3R703)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
182	.0000	.0000	7.300	2.971	700.7	1505.	370.8	.1258	132.6	.7962-04	4120.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
182	.0000	.1449

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
182	.00000	.10000-02	273.00	.6479	.7663	.8433	34.77	22.52	.3529	545.3	.1052-01
182	.00000	.70000-02	276.00	.3178	.3758	.4136	34.90	11.06	.3522	544.3	.5160-02
182	.00000	.19900-01	279.00	.1259	.1500	.1650	34.92	4.431	.3502	541.2	.2060-02
182	.00000	.41400-01	285.00	.6061-01	.7164-01	.7892-01	34.89	2.114	.3507	542.0	.9837-03
182	.00000	.10000+00	288.00	.1818-01	.2149-01	.2364-01	34.91	.6347	.3502	541.3	.2950-03
182	.00000	.25000	291.00	.4880-02	.5770-02	.6350-02	34.81	.1699	.3520	544.0	.7923-04
182	.00000	.40000	294.00	.3381-02	.4000-02	.4403-02	34.71	.1174	.3538	546.8	.5491-04

OH105-B 83-0 BOTTOM CENTERLINE (R3R704)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
183	.0000	.0000	7.300	3.655	865.7	1509.	371.8	.1553	132.9	.9808-04	4125.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
183	.0000	.1611

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
183	.00000	.10000-02	273.00	.6492	.7678	.8450	38.77	25.17	.3526	546.4	.9500-02
183	.00000	.70000-02	276.00	.3189	.3771	.4149	38.81	12.38	.3519	545.2	.4666-02
183	.00000	.19900-01	279.00	.1269	.1499	.1649	38.97	4.943	.3494	541.5	.1855-02
183	.00000	.41400-01	285.00	.5982-01	.7070-01	.7777-01	38.93	2.329	.3500	542.4	.8749-03
183	.00000	.10000+00	288.00	.1836-01	.2169-01	.2385-01	38.99	.7157	.3491	540.9	.2684-03
183	.00000	.25000	291.0	.4636-02	.5481-02	.6030-02	38.86	.1802	.3511	544.0	.6782-04
183	.00000	.40000	294.00	.3553-02	.4203-02	.4625-02	38.74	.1377	.3530	547.0	.5200-04

OH105-B 83-0 BOTTOM CENTERLINE (R3R705)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	.SCALE
179	5.000	.0000	7.300	1.021	237.4	1492.	367.5	.4264-01	131.4	.2724-04	4101.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
179	.0000	.8431-01

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
179	.00000	.10000-02	273.00	.6690	.7940	.8759	19.65	13.15	.3650	559.0	.1861-01
179	.00000	.70000-02	276.00	.3656	.4339	.4787	19.66	7.187	.3649	558.9	.1017-01
179	.00000	.19900-01	279.00	.1605	.1905	.2102	19.66	3.157	.3647	558.6	.4466-02
179	.00000	.41400-01	285.00	.8084-01	.9597-01	.1059	19.63	1.587	.3657	560.1	.2249-02
179	.00000	.10000+00	288.00	.2877-01	.3415-01	.3768-01	19.63	.5648	.3657	560.1	.8005-03
179	.00000	.25000	291.00	.9328-02	.1108-01	.1222-01	19.60	.1828	.3667	561.6	.2596-03
179	.00000	.40000	294.00	.5889-02	.6994-02	.7718-02	19.59	.1153	.3671	562.2	.1639-03

OH105-B 83-0 BOTTOM CENTERLINE (R3R706)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
178	5.000	.0000	7.300	2.075	467.7	1465.	360.4	.8418-01	128.8	.5483-04	4061.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
178	.0000	.1182

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
178	.00000	.10000-02	273.00	.6711	.7992	.8835	26.55	17.82	.3762	565.0	.1317-01
178	.00000	.70000-02	276.00	.3704	.4411	.4876	26.57	9.841	.3758	564.5	.7272-02
178	.00000	.19900-01	279.00	.1584	.1886	.2084	26.64	4.220	.3743	562.1	.3109-02
178	.00000	.41400-01	285.00	.8031-01	.9559-01	.1056	26.62	2.138	.3746	562.7	.1576-02
178	.00000	.10000+00	288.00	.2863-01	.3407-01	.3765-01	26.65	.7630	.3739	561.6	.5617-03
178	.00000	.25000	291.00	.8751-02	.1042-01	.1151-01	26.62	.2330	.3745	562.6	.1717-03
178	.00000	.40000	294.00	.5603-02	.6670-02	.7371-02	26.62	.1492	.3746	562.7	.1100-03

OH105-B 83-0 BOTTOM CENTERLINE (R3R707)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
177	5.000	.0000	7.300	3.093	702.0	1471.	362.0	.1263	129.4	.8190-04	4070.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
177	.0000	.1449

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
177	.00000	.10000-02	273.00	.6589	.7839	.8661	32.86	21.65	.3729	562.6	.1058-01
177	.00000	.70000-02	276.00	.3654	.4347	.4803	32.87	12.01	.3726	562.1	.5867-02
177	.00000	.19900-01	279.00	.1582	.1882	.2079	32.89	5.203	.3723	561.6	.2539-02
177	.00000	.41400-01	285.00	.7985-01	.9500-01	.1050	32.84	2.622	.3732	563.0	.1282-02
177	.00000	.10000+00	288.00	.2768-01	.3294-01	.3639-01	32.84	.9092	.3732	563.0	.4445-03
177	.00000	.25000	291.00	.8375-02	.9966-02	.1101-01	32.82	.2748	.3737	563.8	.1345-03
177	.00000	.40000	294.00	.5275-02	.6277-02	.6936-02	32.82	.1731	.3737	563.7	.8471-04

OH105-B 83-0 BOTTOM CENTERLINE

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
175	10.00	.0000	7.300	2.048	466.3	1474.	362.7	.8388-01	129.6	.5429-04	4074.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
175	.0000	.1181

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
175	.00000	.10000-02	273.00	.6786	.8078	.8927	26.76	18.16	.3746	566.1	.1339-01
175	.00000	.70000-02	276.00	.4032	.4798	.5303	26.77	10.79	.3743	565.7	.7954-02
175	.00000	.19900-01	279.00	.1910	.2272	.2510	26.83	5.123	.3729	563.6	.3766-02
175	.00000	.41400-01	285.00	.1044	.1242	.1373	26.82	2.800	.3732	564.1	.2059-02
175	.00000	.10000+00	288.00	.4237-01	.5041-01	.5568-01	26.85	1.138	.3725	563.0	.8356-03
175	.00000	.25000	291.00	.1554-01	.1849-01	.2042-01	26.85	.4174	.3724	562.8	.3065-03
175	.00000	.40000	294.00	.1254-01	.1492-01	.1648-01	26.86	.3368	.3722	562.6	.2473-03

OH105-B 83-0 BOTTOM CENTERLINE (R3R710)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
174	10.00	.0000	7.300	3.706	867.0	1498.	369.0	.1557	131.9	.9906-04	4109.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
174	.0000	.1612

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
174	.00000	.10000-02	273.00	.6990	.8302	.9161	37.60	26.28	.3671	564.4	.1021-01
174	.00000	.70000-02	276.00	.4191	.4977	.5492	37.62	15.77	.3666	563.7	.6118-02
174	.00000	.19900-01	279.00	.2001	.2374	.2618	37.77	7.557	.3642	560.0	.2919-02
174	.00000	.41400-01	285.00	.1103	.1309	.1444	37.77	4.167	.3642	560.1	.1610-02
174	.00000	.10000+00	288.00	.4385-01	.5201-01	.5735-01	37.86	1.660	.3628	557.8	.6395-03
174	.00000	.25000	291.00	.1539-01	.1826-01	.2013-01	37.83	.5821	.3633	558.7	.2245-03
174	.00000	.40000	294.00	.1175-01	.1395-01	.1538-01	37.82	.4446	.3634	558.7	.1715-03

OH105-B 83-0 BOTTOM CENTERLINE (R3R711)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
173	15.00	.0000	7.300	2.057	469.2	1476.	363.1	.8438-01	129.8	.5455-04	4077.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
173	.0000	.1185

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
173	.00000	.10000-02	273.00	.6939	.8248	.9107	27.08	18.79	.3699	559.7	.1364-01
173	.00000	.70000-02	276.00	.4582	.5446	.6013	27.10	12.42	.3695	559.2	.9010-02
173	.00000	.19900-01	279.00	.2311	.2745	.3029	27.19	6.285	.3673	555.9	.4542-02
173	.00000	.41400-01	285.00	.1313	.1560	.1722	27.20	3.572	.3673	555.9	.2581-02
173	.00000	.10000+00	288.00	.5957-01	.7072-01	.7802-01	27.26	1.624	.3658	553.5	.1170-02
173	.00000	.25000	291.00	.2493-01	.2960-01	.3266-01	27.24	.6789	.3664	554.5	.4898-03
173	.00000	.40000	294.00	.2220-01	.2637-01	.2910-01	27.20	.6039	.3673	555.8	.4363-03

OH105-B 83-0 BOTTOM CENTERLINE (R3R712)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
172	15.00	.0000	7.300	3.694	866.2	1500.	369.5	.1555	132.1	.9882-04	4112.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
172	.0000	.1611

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
172	.00000	.10000-02	273.00	.6744	.8000	.8822	37.87	25.54	.3632	559.3	.9850-02
172	.00000	.70000-02	276.00	.4487	.5323	.5869	37.90	17.01	.3628	558.5	.6553-02
172	.00000	.19900-01	279.00	.2328	.2760	.3041	38.05	8.858	.3603	554.8	.3398-02
172	.00000	.41400-01	285.00	.1329	.1575	.1735	38.05	5.054	.3604	554.9	.1939-02
172	.00000	.10000+00	288.00	.5928-01	.7023-01	.7738-01	38.16	2.262	.3585	552.1	.8650-03
172	.00000	.25000	291.00	.2432-01	.2882-01	.3175-01	38.12	.9271	.3591	553.0	.3549-03
172	.00000	.40000	294.00	.2318-01	.2746-01	.3026-01	38.10	.8831	.3594	553.4	.3382-03

OH105-B 83-0 BOTTOM CENTERLINE (R3R713)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
139	20.00	.0000	7.300	1.987	466.8	1501.	369.8	.8381-01	132.2	.5320-04	4114.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
139	.0000	.1183

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
139	.00000	.10000-02	273.00	.6774	.8030	.8850	27.96	18.94	.3604	555.6	.1348-01
139	.00000	.70000-02	276.00	.4867	.5769	.6358	27.96	13.61	.3605	555.6	.9683-02
139	.00000	.19900-01	279.00	.2788	.3305	.3643	27.92	7.782	.3613	556.9	.5547-02
139	.00000	.41400-01	285.00	.1613	.1913	.2110	27.85	4.492	.3628	559.2	.3211-02
139	.00000	.10000+00	288.00	.7718-01	.9155-01	.1010	27.83	2.148	.3632	559.9	.1536-02
139	.00000	.25000	291.00	.3592-01	.4263-01	.4702-01	27.75	.9968	.3649	562.5	.7153-03
139	.00000	.40000	294.00	.3503-01	.4165-01	.4595-01	27.72	.9725	.3656	563.6	.6988-03

OH105-B 83-0 BOTTOM CENTERLINE (R3R714)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
138	20.00	.0000	7.300	3.861	869.1	1464.	360.1	.1564	128.7	.1020-03	4060.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
138	.0000	.1612

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
138	.00000	.10000-02	273.00	.6739	.8025	.8873	36.15	24.36	.3764	564.9	.9700-02
138	.00000	.70000-02	276.00	.4847	.5772	.6381	36.17	17.53	.3761	564.5	.6977-02
138	.00000	.19900-01	279.00	.2683	.3192	.3526	36.40	9.768	.3722	558.7	.3859-02
138	.00000	.41400-01	285.00	.1615	.1921	.2122	36.44	5.886	.3716	557.8	.2323-02
138	.00000	.10000+00	288.00	.7837-01	.9312-01	.1028	36.62	2.870	.3686	553.2	.1126-02
138	.00000	.25000	291.00	.7037-01	.8364-01	.9235-01	36.55	2.572	.3698	555.1	.1011-02
138	.00000	.40000	294.00	.1867	.2219	.2451	36.49	6.811	.3708	556.5	.2684-02

OH105-B 83-0 BOTTOM CENTERLINE (R3R716)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
144	.0000	-1.000	7.300	1.040	235.6	1470.	361.6	.4240-01	129.3	.2752-04	4068.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
144	.0000	.8393-01

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
144	.00000	.10000-02	273.00	.6644	.7887	.8701	19.25	12.79	.3654	550.7	.1837-01
144	.00000	.70000-02	276.00	.3253	.3861	.4260	19.26	6.264	.3653	550.4	.8993-02
144	.00000	.19900-01	279.00	.1461	.1734	.1913	19.27	2.817	.3647	549.5	.4039-02
144	.00000	.41400-01	285.00	.6240-01	.7406-01	.8169-01	19.27	1.202	.3649	549.9	.1725-02
144	.00000	.10000+00	288.00	.2019-01	.2396-01	.2643-01	19.27	.3891	.3648	549.7	.5580-03
144	.00000	.25000	291.00	.6014-02	.7137-02	.7873-02	19.27	.1159	.3647	549.5	.1662-03
144	.00000	.40000	294.00	.3564-02	.4230-02	.4666-02	19.28	.6871-01	.3646	549.4	.9851-04

OH105-B 83-0 BOTTOM CENTERLINE (R3R717)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
145	.0000	-1.000	7.300	1.888	468.4	1550.	382.7	.8380-01	136.8	.5139-04	4185.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
145	.0000	.1186

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
145	.00000	.10000-02	273.00	.6728	.7956	.8755	29.38	19.77	.3522	561.8	.1363-01
145	.00000	.70000-02	276.00	.3314	.3919	.4313	29.39	9.739	.3522	561.8	.6712-02
145	.00000	.19900-01	279.00	.1532	.1811	.1992	29.52	4.524	.3495	557.5	.3102-02
145	.00000	.41400-01	285.00	.6468-01	.7642-01	.8404-01	29.54	1.910	.3491	556.9	.1309-02
145	.00000	.10000+00	288.00	.2081-01	.2457-01	.2702-01	29.63	.6165	.3471	553.7	.4210-03
145	.00000	.25000	291.00	.5665-02	.6689-02	.7355-02	29.63	.1678	.3471	553.7	.1146-03
145	.00000	.40000	294.00	.2966-02	.3502-02	.3850-02	29.64	.8789-01	.3470	553.5	.6000-04

OH105-B 83-0 BOTTOM CENTERLINE (R3R718)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
146	.0000	-1.000	7.300	2.910	699.8	1522.	375.4	.1255	134.2	.7846-04	4145.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
146	.0000	.1449

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
146	.00000	.10000-02	273.00	.6496	.7694	.8475	34.91	22.68	.3576	559.5	.1065-01
146	.00000	.70000-02	276.00	.3207	.3798	.4183	34.93	11.20	.3574	559.1	.5256-02
146	.00000	.19900-01	279.00	.1501	.1777	.1957	35.00	5.256	.3560	556.9	.2460-02
146	.00000	.41400-01	285.00	.6293-01	.7450-01	.8204-01	34.99	2.202	.3563	557.3	.1031-02
146	.00000	.10000+00	288.00	.1870-01	.2213-01	.2437-01	35.04	.6551	.3554	556.0	.3063-03
146	.00000	.25000	291.00	.4805-02	.5688-02	.6264-02	35.00	.1681	.3561	557.1	.7872-04
146	.00000	.40000	294.00	.3126-02	.3700-02	.4075-02	35.00	.1094	.3560	557.0	.5121-04

OH105-B 83-0 BOTTOM CENTERLINE (R3R719)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
147	.0000	-1.000	7.300	3.572	861.7	1525.	376.1	.1544	134.5	.9639-04	4149.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
147	.0000	.1608

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
147	.00000	.10000-02	273.00	.6576	.7798	.8596	38.57	25.36	.3616	566.7	.9734-02
147	.00000	.70000-02	276.00	.3252	.3855	.4250	38.59	12.55	.3612	566.2	.4813-02
147	.00000	.19900-01	279.00	.1535	.1818	.2004	38.71	5.940	.3593	563.2	.2270-02
147	.00000	.41400-01	285.00	.6335-01	.7506-01	.8272-01	38.70	2.451	.3595	563.5	.9372-03
147	.00000	.10000+00	288.00	.1885-01	.2233-01	.2460-01	38.78	.7310	.3582	561.5	.2788-03
147	.00000	.25000	291.00	.4966-02	.5883-02	.6481-02	38.77	.1925	.3583	561.7	.7345-04
147	.00000	.40000	294.00	.3023-02	.3581-02	.3944-02	38.79	.1172	.3581	561.3	.4471-04

OH105-B 83-0 BOTTOM CENTERLINE (R3R720)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
143	.0000	1.000	7.300	1.062	235.6	1452.	356.9	.4244-01	127.6	.2791-04	4042.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
143	.0000	.8387-01

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
143	.00000	.10000-02	273.00	.6964	.8267	.9121	18.98	13.22	.3658	544.1	.1910-01
143	.00000	.70000-02	276.00	.3416	.4056	.4475	18.98	6.484	.3658	544.1	.9370-02
143	.00000	.19900-01	279.00	.1534	.1821	.2008	18.99	2.912	.3655	543.7	.4206-02
143	.00000	.41400-01	285.00	.6671-01	.7921-01	.8739-01	18.97	1.265	.3661	544.6	.1830-02
143	.00000	.10000+00	288.00	.2100-01	.2494-01	.2751-01	18.97	.3985	.3660	544.3	.5760-03
143	.00000	.25000	291.00	.5412-02	.6426-02	.7091-02	18.96	.1026	.3666	545.2	.1484-03
143	.00000	.40000	294.00	.2860-02	.3396-02	.3748-02	18.95	.5420-01	.3667	545.4	.7845-04

OH105-B 83-0 BOTTOM CENTERLINE

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
142	.0000	1.000	7.300	2.062	466.8	1469.	361.3	.8400-01	129.2	.5457-04	4067.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
142	.0000	.1181

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
142	.00000	.10000-02	273.00	.6597	.7833	.8643	27.04	17.84	.3661	551.4	.1295-01
142	.00000	.70000-02	276.00	.3233	.3838	.4235	27.05	8.743	.3661	551.2	.6348-02
142	.00000	.19900-01	279.00	.1494	.1773	.1955	27.13	4.033	.3642	548.4	.2932-02
142	.00000	.41400-01	285.00	.6278-01	.7451-01	.8218-01	27.11	1.702	.3647	549.2	.1232-02
142	.00000	.10000+00	288.00	.1874-01	.2224-01	.2453-01	27.14	.5086	.3640	548.2	.3678-03
142	.00000	.25000	291.00	.5352-02	.6355-02	.7011-02	27.04	.1447	.3662	551.5	.1051-03
142	.00000	.40000	294.00	.2720-02	.3231-02	.3566-02	26.95	.7329-01	.3682	554.5	.5343-04

OH105-B 83-0 BOTTOM CENTERLINE (R3R722)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
141	.0000	1.000	7.300	3.005	699.1	1493.	367.7	.1256	131.4	.8018-04	4102.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
141	.0000	.1447

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
141	.00000	.10000-02	273.00	.6541	.7764	.8565	33.75	22.08	.3650	559.4	.1061-01
141	.00000	.70000-02	276.00	.3224	.3827	.4222	33.75	10.88	.3650	559.2	.5228-02
141	.00000	.19900-01	279.00	.1501	.1781	.1965	33.78	5.069	.3646	558.7	.2434-02
141	.00000	.41400-01	285.00	.6251-01	.7422-01	.8188-01	33.70	2.107	.3659	560.7	.1014-02
141	.00000	.10000+00	288.00	.1853-01	.2200-01	.2427-01	33.68	.6240	.3663	561.2	.3005-03
141	.00000	.25000	291.00	.5007-02	.5947-02	.6563-02	33.62	.1683	.3674	563.0	.8123-04
141	.00000	.40000	294.00	.2413-02	.2866-02	.3163-02	33.60	.8108-01	.3677	563.4	.3915-04

OH105-B 83-O BOTTOM CENTERLINE (R3R723)

BOTTOM CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
140	.0000	1.000	7.300	3.613	864.4	1518.	374.1	.1550	133.8	.9726-04	4138.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
140	.0000	.1610

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
140	.00000	.10000-02	273.00	.6596	.7820	.8620	38.45	25.36	.3612	563.2	.9715-02
140	.00000	.70000-02	276.00	.3253	.3856	.4251	38.46	12.51	.3610	562.9	.4791-02
140	.00000	.19900-01	279.00	.1534	.1817	.2001	38.69	5.935	.3574	557.3	.2258-02
140	.00000	.41400-01	285.00	.6317-01	.7481-01	.8240-01	38.70	2.445	.3572	557.0	.9296-03
140	.00000	.10000+00	288.00	.1861-01	.2202-01	.2424-01	38.87	.7233	.3545	552.8	.2737-03
140	.00000	.25000	291.00	.4961-02	.5873-02	.6466-02	38.80	.1925	.3556	554.5	.7298-04
140	.00000	.40000	294.00	.2678-02	.3170-02	.3490-02	38.79	.1039	.3558	554.8	.3939-04

MHB LINE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
180	.0000	.0000	7.300	1.035	236.9	1479.	363.9	.4260-01	130.1	.2748-04	4081.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
180	.0000	.8419-01

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
180	1.0000	.25000-01	296.00	.1772	.2105	.2323	19.36	3.432	.3674	557.1	.4908-02
180	1.0000	.50000-01	297.00	.1091	.1297	.1431	19.33	2.110	.3684	558.7	.3023-02
180	1.0000	.75000-01	298.00	.7377-01	.8766-01	.9677-01	19.32	1.425	.3689	559.3	.2043-02
180	1.0000	.10000+00	299.00	.5410-01	.6429-01	.7097-01	19.32	1.045	.3688	559.3	.1499-02
180	1.0000	.12500	300.00	.3733-01	.4435-01	.4896-01	19.32	.7213	.3686	559.0	.1034-02
180	1.0000	.20000	303.00	.2596-01	.3085-01	.3406-01	19.32	.5016	.3688	559.3	.7192-03

MHB LINE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
181	.0000	.0000	7.300	1.988	468.5	1504.	370.6	.8409-01	132.5	.5326-04	4118.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
181	.0000	.1185

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
181	1.0000	.25000-01	296.00	.1702	.2013	.2215	28.44	4.842	.3521	543.8	.3379-02
181	1.0000	.50000-01	297.00	.1030	.1219	.1341	28.42	2.929	.3526	544.6	.2046-02
181	1.0000	.75000-01	298.00	.6922-01	.8185-01	.9006-01	28.46	1.970	.3517	543.2	.1374-02
181	1.0000	.10000+00	299.00	.5487-01	.6489-01	.7141-01	28.44	1.561	.3522	544.0	.1089-02
181	1.0000	.12500	300.00	.3531-01	.4176-01	.4595-01	28.44	1.004	.3522	544.0	.7010-03
181	1.0000	.20000	303.00	.2369-01	.2801-01	.3083-01	28.41	.6729	.3528	545.0	.4702-03

OH105-B 83-0 MHB LINE

MHB LINE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
182	.0000	.0000	7.300	2.971	700.7	1505.	370.8	.1258	132.6	.7962-04	4120.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
182	.0000	.1449

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
182	1.0000	.25000-01	296.00	.1770	.2091	.2300	34.97	6.188	.3493	539.8	.2872-02
182	1.0000	.50000-01	297.00	.1052	.1244	.1368	34.90	3.672	.3505	541.7	.1708-02
182	1.0000	.75000-01	298.00	.7100-01	.8393-01	.9234-01	34.89	2.477	.3507	542.0	.1152-02
182	1.0000	.10000+00	299.00	.5250-01	.6206-01	.6828-01	34.87	1.831	.3510	542.5	.8522-03
182	1.0000	.12500	300.00	.3507-01	.4146-01	.4561-01	34.88	1.223	.3509	542.3	.5692-03
182	1.0000	.20000	303.00	.2414-01	.2854-01	.3141-01	34.82	.8405	.3519	543.9	.3919-03

OH105-B 83-0 MHB LINE (R3R604)

MHB LINE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
183	.0000	.0000	7.300	3.655	865.7	1509.	371.8	.1553	132.9	.9808-04	4125.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
183	.0000	.1611

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
183	1.0000	.25000-01	296.00	.1781	.2104	.2314	39.01	6.948	.3486	540.3	.2604-02
183	1.0000	.50000-01	297.00	.1061	.1254	.1380	38.94	4.133	.3498	542.1	.1552-02
183	1.0000	.75000-01	298.00	.7141-01	.8439-01	.9283-01	38.94	2.781	.3498	542.1	.1044-02
183	1.0000	.10000+00	299.00	.5586-01	.6602-01	.7263-01	38.91	2.173	.3503	542.9	.8170-03
183	1.0000	.12500	300.00	.3560-01	.4207-01	.4628-01	38.93	1.386	.3500	542.4	.5207-03
183	1.0000	.20000	303.00	.2399-01	.2836-01	.3120-01	38.87	.9326	.3509	543.8	.3510-03

OH105-B 83-0 MHB LINE (R3R605)

MHB LINE

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
179	5.000	.0000	7.300	1.021	237.4	1492.	367.5	.4264-01	131.4	.2724-04	4101.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
179	.0000	.8431-01

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
179	1.0000	.25000-01	296.00	.1736	.2059	.2270	19.75	3.430	.3619	554.3	.4827-02
179	1.0000	.50000-01	297.00	.1120	.1328	.1465	19.72	2.207	.3631	556.1	.3113-02
179	1.0000	.75000-01	298.00	.8037-01	.9537-01	.1052	19.69	1.583	.3639	557.4	.2235-02
179	1.0000	.10000+00	299.00	.6695-01	.7945-01	.8762-01	19.69	1.318	.3641	557.6	.1862-02
179	1.0000	.12500	300.00	.4695-01	.5570-01	.6143-01	19.69	.9245	.3639	557.2	.1306-02
179	1.0000	.20000	303.00	.3802-01	.4512-01	.4976-01	19.68	.7483	.3642	557.8	.1058-02

OH105-B 83-0 MHB LINE (R3R606)

MHB LINE

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
178	5.000	.0000	7.300	2.075	467.7	1465.	360.4	.8418-01	128.8	.5483-04	4061.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
178	.0000	.1182

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
178	1.0000	.25000-01	296.00	.1782	.2120	.2342	26.71	4.759	.3727	559.8	.3495-02
178	1.0000	.50000-01	297.00	.1130	.1345	.1486	26.66	3.013	.3738	561.5	.2217-02
178	1.0000	.75000-01	298.00	.8163-01	.9715-01	.1073	26.66	2.176	.3738	561.5	.1602-02
178	1.0000	.10000+00	299.00	.6506-01	.7742-01	.8555-01	26.66	1.734	.3738	561.5	.1276-02
178	1.0000	.12500	300.00	.4724-01	.5622-01	.6211-01	26.67	1.260	.3734	560.9	.9269-03
178	1.0000	.20000	303.00	.3933-01	.4680-01	.5171-01	26.67	1.049	.3736	561.1	.7716-03

OH105-B 83-0 MHB LINE (R3R607)

MHB LINE

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
177	5.000	.0000	7.300	3.093	702.0	1471.	362.0	.1263	129.4	.9190-04	4070.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
177	.0000	.1449

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
177	1.0000	.25000-01	296.00	.1817	.2159	.2384	33.02	5.998	.3700	558.2	.2915-02
177	1.0000	.50000-01	297.00	.1101	.1310	.1446	32.94	3.628	.3713	560.2	.1768-02
177	1.0000	.75000-01	298.00	.8043-01	.9566-01	.1057	32.90	2.646	.3721	561.3	.1291-02
177	1.0000	.10000+00	299.00	.6734-01	.8010-01	.8848-01	32.88	2.214	.3724	561.8	.1081-02
177	1.0000	.12500	300.00	.4764-01	.5666-01	.6259-01	32.90	1.568	.3720	561.3	.7647-03
177	1.0000	.20000	303.00	.3844-01	.4572-01	.5051-01	32.89	1.264	.3724	561.8	.6171-03

OH105-B 83-0 MHB LINE (R3R609)

MHB LINE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
175	10.00	.0000	7.300	2.048	466.3	1474.	362.7	.8388-01	129.6	.5429-04	4074.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
175	.0000	.1181

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
175	1.0000	.25000-01	296.00	.1756	.2089	.2307	26.88	4.720	.3718	562.0	.3462-02
175	1.0000	.50000-01	297.00	.1150	.1368	.1511	26.84	3.086	.3727	563.3	.2268-02
175	1.0000	.75000-01	298.00	.8514-01	.1013	.1119	26.84	2.285	.3726	563.2	.1679-02
175	1.0000	.10000+00	299.00	.7032-01	.8366-01	.9243-01	26.83	1.887	.3728	563.4	.1387-02
175	1.0000	.12500	300.00	.5251-01	.6246-01	.6900-01	26.85	1.410	.3725	562.9	.1035-02
175	1.0000	.20000	303.00	.4246-01	.5050-01	.5579-01	26.86	1.140	.3722	562.6	.8372-03

OH105-B 83-0 MHB LINE

MHB LINE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BOFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
174	10.00	.0000	7.300	3.706	867.0	1498.	369.0	.1557	131.9	.9906-04	4109.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
174	.0000	.1612

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
174	1.0000	.25000-01	296.00	.1840	.2183	.2408	37.78	6.952	.3640	559.7	.2684-02
174	1.0000	.50000-01	297.00	.1183	.1404	.1548	37.74	4.464	.3648	560.9	.1726-02
174	1.0000	.75000-01	298.00	.8764-01	.1040	.1147	37.78	3.311	.3641	559.9	.1279-02
174	1.0000	.10000+00	299.00	.6791-01	.8060-01	.8890-01	37.75	2.564	.3646	560.6	.9909-03
174	1.0000	.12500	300.00	.5353-01	.6352-01	.7006-01	37.78	2.023	.3641	559.8	.7810-03
174	1.0000	.20000	303.00	.4384-01	.5202-01	.5738-01	37.77	1.656	.3642	560.0	.6396-03

OH105-B 83-0 MHB LINE (R3R611)

MHB LINE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
173	15.00	.0000	7.300	2.057	469.2	1476.	363.1	.8438-01	129.8	.5455-04	4077.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
173	.0000	.1185

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
173	1.0000	.25000-01	296.00	.1775	.2108	.2326	27.22	4.831	.3668	555.1	.3487-02
173	1.0000	.50000-01	297.00	.1212	.1439	.1588	27.20	3.295	.3673	555.8	.2381-02
173	1.0000	.75000-01	298.00	.8992-01	.1068	.1178	27.21	2.447	.3669	555.2	.1767-02
173	1.0000	.10000+00	299.00	.7056-01	.8379-01	.9246-01	27.22	1.921	.3667	555.0	.1386-02
173	1.0000	.12500	300.00	.5492-01	.6521-01	.7195-01	27.23	1.496	.3665	554.6	.1079-02
173	1.0000	.20000	303.00	.4232-01	.5026-01	.5546-01	27.23	1.152	.3666	554.8	.8316-03

OH105-B 83-0 MHB LINE (R3R612)

MHB LINE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPOBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
172	15.00	.0000	7.300	3.694	866.2	1500.	369.5	.1555	132.1	.9882-04	4112.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
172	.0000	.1611

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
172	1.0000	.25000-01	296.00	.1761	.2087	.2300	38.06	6.701	.3602	554.6	.2570-02
172	1.0000	.50000-01	297.00	.1183	.1402	.1546	38.02	4.498	.3607	555.4	.1727-02
172	1.0000	.75000-01	298.00	.8858-01	.1050	.1157	38.07	3.372	.3599	554.2	.1293-02
172	1.0000	.10000+00	299.00	.6758-01	.8009-01	.8826-01	38.08	2.573	.3599	554.1	.9863-03
172	1.0000	.12500	300.00	.5427-01	.6431-01	.7087-01	38.10	2.068	.3595	553.6	.7920-03
172	1.0000	.20000	303.00	.4143-01	.4910-01	.5410-01	38.08	1.577	.3598	554.0	.6046-03

OH105-B 83-0 MHB LINE (R3R613)

MHB LINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
139	20.00	.0000	7.300	1.987	466.8	1501.	369.8	.8381-01	132.2	.5320-04	4114.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
139	.0000	.1183

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
139	1.0000	.25000-01	296.00	.1711	.2027	.2233	28.06	4.802	.3582	552.1	.3403-02
139	1.0000	.50000-01	297.00	.1180	.1398	.1541	28.00	3.304	.3595	554.1	.2347-02
139	1.0000	.75000-01	298.00	.8615-01	.1021	.1126	27.95	2.408	.3605	555.7	.1714-02
139	1.0000	.10000+00	299.00	.6913-01	.8195-01	.9033-01	27.93	1.931	.3609	556.3	.1376-02
139	1.0000	.12500	300.00	.5123-01	.6073-01	.6693-01	27.96	1.433	.3604	555.5	.1019-02
139	1.0000	.20000	303.00	.4017-01	.4762-01	.5249-01	27.92	1.122	.3612	556.8	.7993-03

MHB LINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
138	20.00	.0000	7.300	3.861	869.1	1464.	360.1	.1564	128.7	.1020-03	4060.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
138	.0000	.1612

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
138	1.0000	.25000-01	296.00	.1735	.2064	.2280	36.39	6.313	.3725	559.0	.2495-02
138	1.0000	.50000-01	297.00	.1180	.1404	.1552	36.37	4.294	.3727	559.4	.1698-02
138	1.0000	.75000-01	298.00	.8532-01	.1015	.1120	36.46	3.111	.3712	557.2	.1227-02
138	1.0000	.10000+00	299.00	.6542-01	.7780-01	.8593-01	36.46	2.385	.3713	557.3	.9407-03
138	1.0000	.12500	300.00	.6615-01	.7864-01	.8684-01	36.50	2.414	.3706	556.2	.9509-03
138	1.0000	.20000	303.00	.3947-01	.4692-01	.5181-01	36.51	1.441	.3705	556.1	.5673-03

OH105-B 83-0 MHB LINE (R3R616)

MHB LINE

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
144	.0000	-1.000	7.300	1.040	235.6	1470.	361.6	.4240-01	129.3	.2752-04	4068.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
144	.0000	.8393-01

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
144	1.0000	.25000-01	296.00	.1680	.1993	.2198	19.29	3.240	.3641	548.6	.4642-02
144	1.0000	.50000-01	297.00	.1018	.1209	.1333	19.28	1.964	.3644	549.2	.2815-02
144	1.0000	.75000-01	298.00	.6824-01	.8098-01	.8933-01	19.27	1.315	.3647	549.5	.1886-02
144	1.0000	.10000+00	299.00	.5423-01	.6437-01	.7100-01	19.26	1.045	.3650	550.1	.1499-02
144	1.0000	.12500	300.00	.3483-01	.4133-01	.4559-01	19.27	.6711	.3648	549.7	.9626-03
144	1.0000	.20000	303.00	.2276-01	.2701-01	.2980-01	19.27	.4385	.3649	549.9	.6291-03

OH105-B 83-O MHB LINE (R3R617)

MHB LINE

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
145	.0000	-1.000	7.300	1.888	468.4	1550.	382.7	.8380-01	136.8	.5139-04	4185.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
145	.0000	.1186

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
145	1.0000	.25000-01	296.00	.1717	.2028	.2231	29.54	5.072	.3489	556.6	.3475-02
145	1.0000	.50000-01	297.00	.1041	.1230	.1353	29.54	3.075	.3489	556.6	.2107-02
145	1.0000	.75000-01	298.00	.6991-01	.8259-01	.9082-01	29.58	2.068	.3483	555.5	.1415-02
145	1.0000	.10000+00	299.00	.5548-01	.6553-01	.7207-01	29.57	1.640	.3484	555.7	.1123-02
145	1.0000	.12500	300.00	.3589-01	.4239-01	.4661-01	29.58	1.061	.3482	555.4	.7262-03
145	1.0000	.20000	303.00	.2278-01	.2691-01	.2959-01	29.57	.6735	.3484	555.7	.4610-03

OH105-B 83-O MHB LINE (R3R618)

MHB LINE

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
146	.0000	-1.000	7.300	2.910	699.8	1522.	375.4	.1255	134.2	.7846-04	4145.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
146	.0000	.1449

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
146	1.0000	.25000-01	296.00	.1672	.1979	.2179	35.05	5.860	.3551	555.6	.2739-02
146	1.0000	.50000-01	297.00	.9955-01	.1178	.1297	35.04	3.488	.3554	555.9	.1631-02
146	1.0000	.75000-01	298.00	.6765-01	.8007-01	.8816-01	35.04	2.370	.3554	555.9	.1108-02
146	1.0000	.10000+00	299.00	.5041-01	.5967-01	.6570-01	35.04	1.766	.3554	556.0	.8258-03
146	1.0000	.12500	300.00	.3334-01	.3946-01	.4345-01	35.03	1.168	.3555	556.1	.5462-03
146	1.0000	.20000	303.00	.2130-01	.2522-01	.2778-01	34.99	.7454	.3562	557.3	.3491-03

MHB LINE

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
147	.0000	-1.000	7.300	3.572	861.7	1525.	376.1	.1544	134.5	.9639-04	4149.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
147	.0000	.1608

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
147	1.0000	.25000-01	296.00	.1690	.2002	.2206	38.76	6.550	.3585	561.9	.2500-02
147	1.0000	.50000-01	297.00	.1010	.1196	.1318	38.74	3.912	.3589	562.5	.1494-02
147	1.0000	.75000-01	298.00	.6824-01	.8085-01	.8907-01	38.75	2.645	.3586	562.1	.1009-02
147	1.0000	.10000+00	299.00	.5436-01	.6441-01	.7096-01	38.74	2.106	.3588	562.5	.8042-03
147	1.0000	.12500	300.00	.3404-01	.4033-01	.4443-01	38.75	1.319	.3587	562.2	.5035-03
147	1.0000	.20000	303.00	.2092-01	.2479-01	.2731-01	38.73	.8102	.3590	562.8	.3095-03

OH105-B 83-0 MHB LINE (R3R620)

MHB LINE

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
143	.0000	1.000	7.300	1.062	235.6	1452.	356.9	.4244-01	127.6	.2791-04	4042.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
143	.0000	.8387-01

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
143	1.0000	.25000-01	296.00	.1881	.2232	.2462	19.01	3.575	.3648	542.5	.5157-02
143	1.0000	.50000-01	297.00	.1180	.1401	.1545	18.99	2.241	.3654	543.4	.3236-02
143	1.0000	.75000-01	298.00	.8114-01	.9633-01	.1063	18.98	1.540	.3658	544.2	.2225-02
143	1.0000	.10000+00	299.00	.6576-01	.7808-01	.8614-01	18.98	1.248	.3659	544.3	.1804-02
143	1.0000	.12500	300.00	.4426-01	.5255-01	.5798-01	18.97	.8398	.3660	544.3	.1214-02
143	1.0000	.20000	303.00	.2928-01	.3476-01	.3836-01	18.96	.5550	.3665	545.1	.8031-03

OH105-B 83-0 MHB LINE (R3R621)

MHB LINE

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
142	.0000	1.000	7.300	2.062	466.8	1469.	361.3	.8400-01	129.2	.5457-04	4067.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
142	.0000	.1181

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
142	1.0000	.25000-01	296.00	.1817	.2156	.2377	27.18	4.939	.3631	546.8	.3566-02
142	1.0000	.50000-01	297.00	.1113	.1320	.1456	27.15	3.020	.3638	547.8	.2184-02
142	1.0000	.75000-01	298.00	.7784-01	.9236-01	.1019	27.13	2.112	.3641	548.4	.1528-02
142	1.0000	.10000+00	299.00	.5839-01	.6930-01	.7644-01	27.11	1.583	.3646	549.1	.1146-02
142	1.0000	.12500	300.00	.4003-01	.4750-01	.5239-01	27.12	1.085	.3644	548.8	.7856-03
142	1.0000	.20000	303.00	.2814-01	.3341-01	.3686-01	27.07	.7619	.3655	550.4	.5525-03

OH105-B 83-0 MHB LINE (R3R622)

MHB LINE

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
141	.0000	1.000	7.300	3.005	699.1	1493.	367.7	.1256	131.4	.8018-04	4102.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
141	.0000	.1447

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
141	1.0000	.25000-01	296.00	.1819	.2157	.2379	33.89	6.164	.3626	555.6	.2948-02
141	1.0000	.50000-01	297.00	.1106	.1312	.1447	33.80	3.737	.3641	557.9	.1792-02
141	1.0000	.75000-01	298.00	.7572-01	.8988-01	.9915-01	33.74	2.554	.3653	559.7	.1228-02
141	1.0000	.10000+00	299.00	.6063-01	.7198-01	.7941-01	33.71	2.044	.3658	560.5	.9833-03
141	1.0000	.12500	300.00	.4036-01	.4792-01	.5286-01	33.72	1.361	.3656	560.2	.6546-03
141	1.0000	.20000	303.00	.2700-01	.3206-01	.3537-01	33.67	.9089	.3666	561.7	.4379-03

MHB LINE

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BOFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE .
140	.0000	1.000	7.300	3.613	864.4	1518.	374.1	.1550	133.8	.9726-04	4138.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
140	.0000	.1610

TEST DATA

RUN NUMBER	DUMMY	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
140	1.0000	.25000-01	296.00	.1853	.2194	.2417	38.73	7.177	.3567	556.2	.2727-02
140	1.0000	.50000-01	297.00	.1114	.1319	.1453	38.72	4.312	.3569	556.5	.1639-02
140	1.0000	.75000-01	298.00	.7652-01	.9058-01	.9975-01	38.78	2.967	.3559	554.9	.1126-02
140	1.0000	.10000+00	299.00	.6106-01	.7228-01	.7960-01	38.78	2.368	.3560	555.0	.8983-03
140	1.0000	.12500	300.00	.3961-01	.4689-01	.5163-01	38.79	1.536	.3558	554.8	.5827-03
140	1.0000	.20000	303.00	.2711-01	.3209-01	.3535-01	38.74	1.050	.3566	556.0	.3988-03

OH105-B 83-0 TOP CENTERLINE (R3R501)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
161	.0000	.0000	7.300	1.032	227.7	1447.	355.5	.4103-01	127.1	.2709-04	4034.	.4000-01
180	.0000	.0000	7.300	1.035	236.9	1479.	363.9	.4260-01	130.1	.2748-04	4081.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
161	.0000	.8243-01
180	.0000	.8419-01

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
161	.00000	.60900-01	379.00	.2098	.2498	.2761	18.29	3.837	.3754	556.3	.5853-02
161	.00000	.64600-01	380.00	.1460	.1738	.1921	18.30	2.671	.3752	556.0	.4072-02
161	.00000	.68400-01	381.00	.1684	.2005	.2216	18.30	3.080	.3753	556.0	.4697-02
161	.00000	.72100-01	382.00	.1429	.1701	.1880	18.30	2.615	.3752	555.9	.3986-02
161	.00000	.76000-01	383.00	.1394	.1660	.1835	18.29	2.550	.3753	556.2	.3889-02
161	.00000	.79600-01	384.00	.1329	.1583	.1749	18.30	2.432	.3753	556.0	.3708-02
161	.00000	.98900-01	386.00	.1338	.1593	.1761	18.29	2.447	.3755	556.4	.3733-02
161	.00000	.10190	387.00	.1303	.1552	.1715	18.30	2.385	.3751	555.8	.3636-02
161	.00000	.11600	388.00	.1376	.1638	.1810	18.29	2.516	.3754	556.2	.3838-02
161	.00000	.11950	389.00	.1713	.2040	.2255	18.28	3.132	.3756	556.6	.4779-02
180	.00000	.12680	391.00	.1514	.1800	.1988	19.26	2.915	.3707	562.2	.4195-02
180	.00000	.13050	392.00	.1593	.1894	.2092	19.26	3.069	.3706	562.0	.4415-02
180	.00000	.13380	393.00	.1614	.1919	.2120	19.26	3.109	.3707	562.1	.4474-02
180	.00000	.13760	394.00	.1620	.1926	.2127	19.26	3.120	.3707	562.1	.4490-02
180	.00000	.14110	395.00	.1402	.1667	.1841	19.26	2.701	.3707	562.1	.3886-02
180	.00000	.14480	396.00	.1435	.1706	.1884	19.26	2.763	.3707	562.1	.3976-02
180	.00000	.14830	397.00	.1339	.1593	.1759	19.26	2.579	.3707	562.2	.3712-02
180	.00000	.15190	398.00	.2206	.2622	.2896	19.26	4.248	.3707	562.1	.6112-02
180	.00000	.15560	399.00	.3945	.4690	.5179	19.26	7.600	.3705	561.9	.1093-01

OH105-B 83-0 TOP CENTERLINE (R3R501)

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
180	.00000	.15820	400.00	.5433	.6460	.7134	19.25	10.46	.3708	562.3	.1506-01
180	.00000	.16080	401.00	.5283	.6281	.6936	19.26	10.17	.3707	562.2	.1464-01
180	.00000	.16640	403.00	.5812	.6910	.7632	19.25	11.19	.3710	562.6	.1611-01
180	.00000	.16910	404.00	.5872	.6982	.7711	19.25	11.30	.3710	562.6	.1627-01
180	.00000	.17480	406.00	.6201	.7373	.8143	19.25	11.94	.3710	562.6	.1718-01
180	.00000	.17690	407.00	.6128	.7286	.8046	19.25	11.80	.3709	562.5	.1698-01
180	.00000	.18000	408.00	.6407	.7618	.8413	19.25	12.33	.3710	562.7	.1776-01
180	.00000	.18630	410.00	.4170	.4958	.5476	19.25	8.027	.3710	562.6	.1156-01
180	.00000	.18940	411.00	.3415	.4061	.4485	19.25	6.573	.3710	562.6	.9465-02
180	.00000	.19310	412.00	.2480	.2949	.3257	19.25	4.773	.3711	562.7	.6873-02
180	.00000	.19720	413.00	.1646	.1957	.2161	19.24	3.167	.3711	562.8	.4561-02
180	.00000	.20490	414.00	.7078-01	.8416-01	.9295-01	19.25	1.362	.3711	562.7	.1962-02
180	.00000	.25000	416.00	.6456-02	.7678-02	.8481-02	19.22	.1241	.3718	563.8	.1790-03

OH105-B 83-0 TOP CENTERLINE (R3R502)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
160	.0000	.0000	7.300	1.982	467.7	1506.	370.9	.8394-01	132.6	.5312-04	4120.	.4000-01
181	.0000	.0000	7.300	1.988	468.5	1504.	370.6	.8409-01	132.5	.5326-04	4118.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
160	.0000	.1184
181	.0000	.1185

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
160	.00000	.60900-01	379.00	.2560	.3036	.3348	27.96	7.158	.3627	560.6	.5100-02
160	.00000	.64600-01	380.00	.1773	.2103	.2319	27.96	4.959	.3627	560.7	.3533-02
160	.00000	.68400-01	381.00	.2065	.2450	.2701	27.95	5.772	.3630	561.2	.4115-02
160	.00000	.72100-01	382.00	.1766	.2094	.2310	27.94	4.934	.3631	561.4	.3518-02
160	.00000	.76000-01	383.00	.1728	.2050	.2260	27.95	4.830	.3630	561.2	.3443-02
160	.00000	.79600-01	384.00	.1657	.1965	.2167	27.96	4.632	.3628	560.8	.3301-02
160	.00000	.98900-01	386.00	.1670	.1981	.2185	27.95	4.669	.3629	561.0	.3328-02
160	.00000	.10190	387.00	.1684	.1997	.2202	27.95	4.706	.3630	561.2	.3355-02
160	.00000	.11600	388.00	.1724	.2045	.2256	27.93	4.816	.3633	561.6	.3436-02
160	.00000	.11950	389.00	.2067	.2452	.2704	27.93	5.773	.3634	561.7	.4119-02
181	.00000	.12680	391.00	.1778	.2103	.2314	28.41	5.051	.3528	544.9	.3530-02
181	.00000	.13050	392.00	.1882	.2226	.2450	28.41	5.347	.3528	544.9	.3736-02
181	.00000	.13380	393.00	.1898	.2245	.2471	28.41	5.391	.3530	545.1	.3768-02
181	.00000	.13760	394.00	.1921	.2272	.2500	28.40	5.454	.3532	545.5	.3813-02
181	.00000	.14110	395.00	.1670	.1975	.2174	28.39	4.741	.3532	545.6	.3316-02
181	.00000	.14480	396.00	.1738	.2056	.2263	28.39	4.934	.3534	545.8	.3451-02
181	.00000	.14830	397.00	.1759	.2081	.2290	28.38	4.992	.3535	546.0	.3493-02
181	.00000	.15190	398.00	.2816	.3332	.3667	28.38	7.994	.3535	546.0	.5592-02
181	.00000	.15560	399.00	.3745	.4430	.4876	28.38	10.63	.3535	546.0	.7436-02

OH105-B 83-O TOP CENTERLINE (R3R502)

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
181	.00000	.15820	400.00	.5699	.6742	.7422	28.36	16.16	.3539	546.7	.1132-01
181	.00000	.16080	401.00	.5613	.6641	.7310	28.36	15.92	.3539	546.7	.1115-01
181	.00000	.16640	403.00	.6282	.7433	.8183	28.34	17.80	.3544	547.3	.1248-01
181	.00000	.16910	404.00	.6362	.7529	.8288	28.34	18.03	.3544	547.4	.1264-01
181	.00000	.17480	406.00	.6864	.8122	.8941	28.33	19.45	.3545	547.6	.1363-01
181	.00000	.17690	407.00	.6752	.7990	.8796	28.34	19.14	.3543	547.2	.1341-01
181	.00000	.18000	408.00	.7030	.8318	.9158	28.34	19.93	.3543	547.3	.1396-01
181	.00000	.18630	410.00	.4741	.5610	.6178	28.35	13.44	.3543	547.2	.9416-02
181	.00000	.18940	411.00	.4095	.4846	.5335	28.34	11.61	.3543	547.2	.8133-02
181	.00000	.19310	412.00	.2932	.3470	.3820	28.35	8.313	.3542	547.1	.5823-02
181	.00000	.19720	413.00	.1910	.2260	.2487	28.35	5.414	.3542	547.0	.3793-02
181	.00000	.20490	414.00	.7695-01	.9105-01	.1002	28.36	2.182	.3540	546.7	.1528-02
181	.00000	.25000	416.00	.6266-02	.7415-02	.8163-02	28.34	.1776	.3543	547.3	.1244-03

OH105-B 83-0 TOP CENTERLINE (R3R503)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
159	.0000	.0000	7.300	2.958	700.3	1508.	371.7	.1257	132.9	.7936-04	4125.	.4000-01
182	.0000	.0000	7.300	2.971	700.7	1505.	370.8	.1258	132.6	.7962-04	4120.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
159	.0000	.1449
182	.0000	.1449

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
159	.00000	.60900-01	379.00	.2832	.3361	.3708	34.16	9.674	.3650	565.4	.4619-02
159	.00000	.64600-01	380.00	.1969	.2337	.2578	34.18	6.731	.3646	564.8	.3212-02
159	.00000	.68400-01	381.00	.2302	.2732	.3014	34.18	7.868	.3647	565.0	.3755-02
159	.00000	.72100-01	382.00	.1972	.2341	.2582	34.19	6.742	.3646	564.8	.3217-02
159	.00000	.76000-01	383.00	.1952	.2316	.2555	34.18	6.672	.3646	564.9	.3184-02
159	.00000	.79600-01	384.00	.1896	.2250	.2482	34.19	6.483	.3645	564.6	.3093-02
159	.00000	.98900-01	386.00	.1865	.2214	.2442	34.19	6.377	.3646	564.8	.3043-02
159	.00000	.10190	387.00	.1850	.2195	.2421	34.21	6.328	.3641	564.1	.3017-02
159	.00000	.11600	388.00	.1933	.2293	.2529	34.21	6.612	.3641	564.1	.3152-02
159	.00000	.11950	389.00	.2358	.2798	.3086	34.20	8.063	.3644	564.5	.3846-02
182	.00000	.12680	391.00	.2027	.2397	.2637	34.87	7.069	.3511	542.5	.3291-02
182	.00000	.13050	392.00	.2149	.2541	.2795	34.87	7.496	.3509	542.3	.3489-02
182	.00000	.13380	393.00	.2169	.2565	.2821	34.87	7.566	.3509	542.3	.3521-02
182	.00000	.13760	394.00	.2196	.2596	.2856	34.87	7.657	.3510	542.4	.3564-02
182	.00000	.14110	395.00	.1905	.2252	.2478	34.87	6.645	.3509	542.3	.3093-02
182	.00000	.14480	396.00	.1987	.2349	.2584	34.87	6.929	.3509	542.3	.3225-02
182	.00000	.14830	397.00	.2038	.2410	.2651	34.87	7.108	.3510	542.4	.3309-02
182	.00000	.15190	398.00	.3227	.3815	.4197	34.88	11.26	.3509	542.2	.5238-02
182	.00000	.15560	399.00	.4106	.4854	.5340	34.88	14.33	.3508	542.1	.6665-02

OH105-B 83-0 TOP CENTERLINE (R3R503)

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
182	.00000	.15820	400.00	.6181	.7308	.8040	34.87	21.55	.3511	542.6	.1003-01
182	.00000	.16080	401.00	.6107	.7219	.7943	34.87	21.29	.3511	542.6	.9913-02
182	.00000	.16640	403.00	.6871	.8123	.8938	34.85	23.94	.3514	543.1	.1115-01
182	.00000	.16910	404.00	.6965	.8234	.9060	34.84	24.27	.3515	543.2	.1131-01
182	.00000	.17480	406.00	.7574	.8955	.9853	34.84	26.39	.3515	543.3	.1230-01
182	.00000	.17690	407.00	.7474	.8837	.9723	34.85	26.05	.3514	543.0	.1213-01
182	.00000	.18000	408.00	.7807	.9231	1.016	34.85	27.20	.3515	543.1	.1267-01
182	.00000	.18630	410.00	.5451	.6445	.7091	34.85	19.00	.3514	543.0	.8849-02
182	.00000	.18940	411.00	.4788	.5660	.6228	34.85	16.68	.3514	543.0	.7772-02
182	.00000	.19310	412.00	.3407	.4029	.4433	34.85	11.87	.3514	543.1	.5531-02
182	.00000	.19720	413.00	.2211	.2615	.2877	34.85	7.706	.3514	543.1	.3590-02
182	.00000	.20490	414.00	.8764-01	.1036	.1140	34.86	3.055	.3513	542.8	.1423-02
182	.00000	.25000	416.00	.7557-02	.8936-02	.9834-02	34.80	.2629	.3523	544.5	.1227-03

OH105-B 83-0 TOP CENTERLINE (R3R504)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
158	.0000	.0000	7.300	3.602	865.6	1522.	375.2	.1552	134.1	.9710-04	4144.	.4000-01
183	.0000	.0000	7.300	3.655	865.7	1509.	371.8	.1553	132.9	.9808-04	4125.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
158	.0000	.1612
183	.0000	.1611

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
158	.00000	.60900-01	379.00	.2924	.3461	.3811	38.93	11.38	.3556	556.0	.4306-02
158	.00000	.64600-01	380.00	.2053	.2430	.2676	38.95	7.997	.3553	555.5	.3023-02
158	.00000	.68400-01	381.00	.2417	.2861	.3151	38.93	9.411	.3556	556.0	.3559-02
158	.00000	.72100-01	382.00	.2091	.2475	.2725	38.94	8.140	.3555	555.9	.3079-02
158	.00000	.76000-01	383.00	.2069	.2449	.2696	38.95	8.057	.3554	555.6	.3046-02
158	.00000	.79600-01	384.00	.2021	.2392	.2634	38.97	7.877	.3551	555.2	.2976-02
158	.00000	.98900-01	386.00	.1898	.2246	.2473	38.96	7.395	.3551	555.2	.2795-02
158	.00000	.10190	387.00	.1928	.2281	.2511	38.98	7.514	.3548	554.7	.2838-02
158	.00000	.11600	388.00	.2020	.2391	.2633	38.97	7.873	.3550	555.1	.2975-02
158	.00000	.11950	389.00	.2436	.2883	.3174	38.95	9.486	.3554	555.7	.3587-02
183	.00000	.12680	391.00	.2166	.2560	.2816	38.90	8.425	.3505	543.1	.3168-02
183	.00000	.13050	392.00	.2300	.2719	.2991	38.90	8.949	.3504	543.0	.3365-02
183	.00000	.13380	393.00	.2320	.2742	.3016	38.90	9.024	.3505	543.1	.3393-02
183	.00000	.13760	394.00	.2351	.2779	.3057	38.90	9.145	.3505	543.1	.3438-02
183	.00000	.14110	395.00	.2039	.2410	.2651	38.90	7.931	.3505	543.1	.2982-02
183	.00000	.14480	396.00	.2123	.2509	.2760	38.90	8.258	.3504	543.1	.3105-02
183	.00000	.14830	397.00	.2190	.2588	.2847	38.90	8.518	.3504	543.0	.3203-02
183	.00000	.15190	398.00	.3422	.4045	.4449	38.91	13.32	.3503	542.9	.5005-02
183	.00000	.15560	399.00	.4132	.4883	.5372	38.91	16.08	.3503	542.7	.6043-02

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

(R3R504)

OH105-B 83-0 TOP CENTERLINE

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
183	.00000	.15820	400.00	.6418	.7586	.8346	38.89	24.96	.3506	543.3	.9387-02
183	.00000	.16080	401.00	.6356	.7513	.8265	38.89	24.72	.3506	543.2	.9297-02
183	.00000	.16640	403.00	.7136	.8436	.9281	38.87	27.74	.3509	543.8	.1044-01
183	.00000	.16910	404.00	.7235	.8553	.9410	38.87	28.12	.3510	543.9	.1058-01
183	.00000	.17480	406.00	.7931	.9376	1.032	38.86	30.82	.3511	544.0	.1160-01
183	.00000	.17690	407.00	.7822	.9246	1.017	38.87	30.41	.3509	543.7	.1144-01
183	.00000	.18000	408.00	.8220	.9717	1.069	38.87	31.96	.3509	543.7	.1202-01
183	.00000	.18630	410.00	.5846	.6910	.7602	38.88	22.73	.3508	543.6	.8551-02
183	.00000	.18940	411.00	.5180	.6123	.6736	38.88	20.14	.3508	543.6	.7577-02
183	.00000	.19310	412.00	.3652	.4317	.4750	38.88	14.20	.3508	543.6	.5342-02
183	.00000	.19720	413.00	.2375	.2807	.3088	38.88	9.233	.3508	543.6	.3474-02
183	.00000	.20490	414.00	.9234-01	.1092	.1201	38.88	3.591	.3507	543.5	.1351-02
183	.00000	.25000	416.00	.7511-02	.8881-02	.9772-02	38.83	.2917	.3516	544.8	.1099-03

OH105-B 83-0 TOP CENTERLINE (R3R505)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
167	5.000	.0000	7.300	1.032	237.5	1483.	365.1	.4270-01	130.5	.2745-04	4088.	.4000-01
179	5.000	.0000	7.300	1.021	237.4	1492.	367.5	.4264-01	131.4	.2724-04	4101.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
167	.0000	.8431-01
179	.0000	.8431-01

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
167	.00000	.60900-01	379.00	.1533	.1813	.1994	19.99	3.065	.3509	534.1	.4234-02
167	.00000	.64600-01	380.00	.1068	.1263	.1389	20.00	2.136	.3507	533.6	.2949-02
167	.00000	.68400-01	381.00	.1245	.1472	.1620	19.99	2.489	.3510	534.1	.3439-02
167	.00000	.72100-01	382.00	.1072	.1267	.1394	19.98	2.141	.3511	534.3	.2959-02
167	.00000	.76000-01	383.00	.1062	.1256	.1382	19.97	2.121	.3514	534.8	.2933-02
167	.00000	.79600-01	384.00	.1015	.1200	.1321	19.97	2.027	.3515	534.9	.2804-02
167	.00000	.98900-01	386.00	.1009	.1193	.1313	19.95	2.013	.3519	535.6	.2786-02
167	.00000	.10190	387.00	.9730-01	.1151	.1266	19.96	1.942	.3518	535.3	.2687-02
167	.00000	.11600	388.00	.1017	.1202	.1323	19.94	2.027	.3525	536.5	.2808-02
167	.00000	.11950	389.00	.1251	.1479	.1628	19.93	2.493	.3527	536.7	.3455-02
179	.00000	.12680	391.00	.1035	.1229	.1356	19.61	2.029	.3663	561.0	.2879-02
179	.00000	.13050	392.00	.1089	.1293	.1427	19.62	2.136	.3662	560.8	.3030-02
179	.00000	.13380	393.00	.1088	.1291	.1425	19.62	2.134	.3662	560.9	.3027-02
179	.00000	.13760	394.00	.1095	.1300	.1434	19.62	2.147	.3662	560.9	.3046-02
179	.00000	.14110	395.00	.9395-01	.1116	.1231	19.61	1.843	.3663	561.0	.2614-02
179	.00000	.14480	396.00	.9407-01	.1117	.1232	19.61	1.845	.3663	561.0	.2618-02
179	.00000	.14830	397.00	.8375-01	.9944-01	.1097	19.61	1.643	.3663	561.0	.2331-02
179	.00000	.15190	398.00	.1326	.1575	.1738	19.61	2.602	.3663	560.9	.3691-02
179	.00000	.15560	399.00	.2828	.3358	.3705	19.62	5.548	.3662	560.8	.7870-02

(R3R505)

OH105-B 83-0 TOP CENTERLINE

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
179	.00000	.15820	400.00	.3976	.4721	.5209	19.61	7.795	.3665	561.3	.1106-01
179	.00000	.16080	401.00	.3837	.4556	.5027	19.61	7.524	.3664	561.1	.1068-01
179	.00000	.16640	403.00	.4291	.5095	.5622	19.60	8.410	.3667	561.6	.1194-01
179	.00000	.16910	404.00	.4437	.5268	.5814	19.60	8.696	.3667	561.6	.1235-01
179	.00000	.17480	406.00	.4793	.5692	.6281	19.60	9.395	.3667	561.6	.1334-01
179	.00000	.17690	407.00	.4631	.5499	.6067	19.61	9.078	.3656	561.4	.1289-01
179	.00000	.18000	408.00	.4773	.5668	.6254	19.60	9.355	.3667	561.6	.1328-01
179	.00000	.18630	410.00	.3070	.3645	.4022	19.60	6.017	.3667	561.5	.8542-02
179	.00000	.18940	411.00	.2422	.2876	.3174	19.60	4.747	.3667	561.6	.6740-02
179	.00000	.19310	412.00	.1741	.2067	.2281	19.60	3.412	.3667	561.6	.4845-02
179	.00000	.19720	413.00	.1187	.1409	.1555	19.60	2.326	.3668	561.7	.3303-02
179	.00000	.20490	414.00	.5172-01	.6142-01	.6777-01	19.59	1.013	.3669	561.9	.1439-02
179	.00000	.25000	416.00	.9191-02	.1092-01	.1205-01	19.56	.1798	.3679	563.4	.2559-03

OH105-B 83-0 TOP CENTERLINE (R3R506)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BOFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
165	5.000	.0000	7.300	2.016	468.3	1492.	367.3	.8413-01	131.3	.5377-04	4100.	.4000-01
178	5.000	.0000	7.300	2.075	467.7	1465.	360.4	.8418-01	128.8	.5483-04	4061.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
165	.0000	.1184
178	.0000	.1182

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
165	.00000	.60900-01	379.00	.1923	.2278	.2509	27.93	5.371	.3577	547.5	.3801-02
165	.00000	.64600-01	380.00	.1329	.1575	.1734	27.93	3.713	.3576	547.4	.2628-02
165	.00000	.68400-01	381.00	.1533	.1816	.2000	27.93	4.282	.3576	547.5	.3030-02
165	.00000	.72100-01	382.00	.1303	.1544	.1700	27.93	3.641	.3576	547.3	.2576-02
165	.00000	.76000-01	383.00	.1270	.1504	.1657	27.93	3.547	.3577	547.6	.2511-02
165	.00000	.79600-01	384.00	.1201	.1423	.1567	27.93	3.356	.3576	547.4	.2375-02
165	.00000	.98900-01	386.00	.1232	.1459	.1607	27.91	3.438	.3580	548.0	.2435-02
165	.00000	.10190	387.00	.1209	.1432	.1578	27.93	3.378	.3576	547.4	.2390-02
165	.00000	.11600	388.00	.1232	.1459	.1607	27.92	3.439	.3579	547.9	.2435-02
165	.00000	.11950	389.00	.1499	.1776	.1956	27.90	4.182	.3583	548.5	.2963-02
178	.00000	.12680	391.00	.1306	.1555	.1718	26.60	3.474	.3751	563.4	.2563-02
178	.00000	.13050	392.00	.1368	.1628	.1799	26.60	3.638	.3750	563.3	.2384-02
178	.00000	.13380	393.00	.1371	.1632	.1803	26.60	3.646	.3751	563.3	.2690-02
178	.00000	.13760	394.00	.1387	.1651	.1825	26.60	3.686	.3751	563.4	.2721-02
178	.00000	.14110	395.00	.1195	.1422	.1572	26.60	3.178	.3751	563.4	.2345-02
178	.00000	.14480	396.00	.1236	.1471	.1626	26.60	3.287	.3751	563.4	.2425-02
178	.00000	.14830	397.00	.1222	.1454	.1608	26.60	3.249	.3752	563.5	.2398-02
178	.00000	.15190	398.00	.1867	.2222	.2456	26.60	4.966	.3751	563.3	.3664-02
178	.00000	.15560	399.00	.3031	.3609	.3989	26.61	8.066	.3749	563.2	.5949-02

OH105-B 83-0 TOP CENTERLINE

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
178	.00000	.15820	400.00	.4308	.5130	.5670	26.59	11.46	.3753	563.7	.8457-02
178	.00000	.16080	401.00	.4194	.4994	.5520	26.59	11.15	.3753	563.7	.8233-02
178	.00000	.16640	403.00	.4901	.5835	.6451	26.58	13.02	.3757	564.3	.9620-02
178	.00000	.16910	404.00	.5128	.6106	.6750	26.57	13.63	.3757	564.4	.1007-01
178	.00000	.17480	406.00	.5585	.6651	.7352	26.57	14.84	.3758	564.5	.1096-01
178	.00000	.17690	407.00	.5373	.6398	.7072	26.57	14.28	.3757	564.3	.1055-01
178	.00000	.18000	408.00	.5484	.6530	.7219	26.57	14.57	.3758	564.5	.1077-01
178	.00000	.18630	410.00	.3553	.4231	.4677	26.57	9.440	.3758	564.5	.6975-02
178	.00000	.18940	411.00	.2958	.3534	.3907	26.57	7.885	.3759	564.6	.5827-02
178	.00000	.19310	412.00	.2185	.2602	.2877	26.57	5.805	.3759	564.6	.4290-02
178	.00000	.19720	413.00	.1453	.1730	.1912	26.56	3.859	.3759	564.7	.2852-02
178	.00000	.20490	414.00	.6083-01	.7244-01	.8008-01	26.57	1.616	.3759	564.6	.1194-02
178	.00000	.25000	416.00	.1073-01	.1278-01	.1412-01	26.56	.2849	.3761	564.9	.2106-03

OH105-B 83-0 TOP CENTERLINE (R3R507)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
164	5.000	.0000	7.300	2.963	700.4	1507.	371.3	.1257	132.7	.7947-04	4122.	.4000-01
177	5.000	.0000	7.300	3.093	702.0	1471.	362.0	.1263	129.4	.8190-04	4070.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
164	.0000	.1449
177	.0000	.1449

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
164	.00000	.60900-01	379.00	.2107	.2496	.2749	34.56	7.284	.3573	552.9	.3429-02
164	.00000	.64600-01	380.00	.1452	.1720	.1894	34.57	5.021	.3571	552.6	.2363-02
164	.00000	.68400-01	381.00	.1701	.2015	.2219	34.55	5.877	.3575	553.2	.2768-02
164	.00000	.72100-01	382.00	.1454	.1722	.1897	34.55	5.024	.3575	553.2	.2366-02
164	.00000	.76000-01	383.00	.1424	.1686	.1857	34.56	4.921	.3573	553.0	.2317-02
164	.00000	.79600-01	384.00	.1367	.1619	.1783	34.58	4.726	.3570	552.5	.2224-02
164	.00000	.98900-01	386.00	.1353	.1602	.1765	34.58	4.678	.3570	552.4	.2201-02
164	.00000	.10190	387.00	.1366	.1617	.1781	34.57	4.722	.3571	552.6	.2222-02
164	.00000	.11600	388.00	.1366	.1617	.1781	34.56	4.720	.3572	552.8	.2222-02
164	.00000	.11950	389.00	.1624	.1923	.2118	34.57	5.614	.3571	552.7	.2642-02
177	.00000	.12680	391.00	.1425	.1696	.1874	32.81	4.677	.3737	563.9	.2289-02
177	.00000	.13050	392.00	.1509	.1795	.1984	32.82	4.952	.3736	563.7	.2423-02
177	.00000	.13380	393.00	.1515	.1803	.1993	32.82	4.973	.3737	563.7	.2433-02
177	.00000	.13760	394.00	.1535	.1827	.2018	32.82	5.038	.3737	563.7	.2465-02
177	.00000	.14110	395.00	.1333	.1586	.1753	32.82	4.374	.3737	563.7	.2141-02
177	.00000	.14480	396.00	.1389	.1653	.1826	32.82	4.558	.3737	563.7	.2231-02
177	.00000	.14830	397.00	.1414	.1683	.1860	32.82	4.641	.3737	563.7	.2271-02
177	.00000	.15190	398.00	.2146	.2553	.2821	32.82	7.043	.3735	563.5	.3446-02
177	.00000	.15560	399.00	.2997	.3566	.3940	32.83	9.838	.3735	563.4	.4813-02

OH105-B 83-0 TOP CENTERLINE (R3R507)

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
177	.00000	.15820	400.00	.4484	.5337	.5897	32.81	14.71	.3738	563.9	.7201-02
177	.00000	.16080	401.00	.4411	.5249	.5800	32.81	14.47	.3737	563.8	.7083-02
177	.00000	.16640	403.00	.5211	.6202	.6853	32.80	17.09	.3740	564.2	.8369-02
177	.00000	.16910	404.00	.5453	.6489	.7171	32.80	17.88	.3740	564.3	.8757-02
177	.00000	.17480	406.00	.5922	.7048	.7788	32.79	19.42	.3741	564.4	.9510-02
177	.00000	.17690	407.00	.5686	.6767	.7478	32.80	18.65	.3739	564.1	.9132-02
177	.00000	.18000	408.00	.5826	.6934	.7663	32.80	19.11	.3740	564.3	.9357-02
177	.00000	.18630	410.00	.3907	.4649	.5138	32.80	12.81	.3740	564.2	.6274-02
177	.00000	.18940	411.00	.3381	.4023	.4446	32.80	11.09	.3740	564.2	.5429-02
177	.00000	.19310	412.00	.2472	.2942	.3251	32.80	8.108	.3740	564.2	.3970-02
177	.00000	.19720	413.00	.1628	.1937	.2140	32.80	5.338	.3740	564.3	.2614-02
177	.00000	.20490	414.00	.6570-01	.7819-01	.8640-01	32.80	2.155	.3740	564.3	.1055-02
177	.00000	.25000	416.00	.1116-01	.1328-01	.1468-01	32.77	.3657	.3744	564.9	.1792-03

OH105-B 83-0 TOP CENTERLINE (R3R508)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
163	5.000	.0000	7.300	3.577	865.3	1528.	376.7	.1551	134.7	.9662-04	4152.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
163	.0000	.1612

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
163	.00000	.60900-01	379.00	.2195	.2594	.2852	39.51	8.674	.3490	547.9	.3237-02
163	.00000	.64600-01	380.00	.1519	.1794	.1973	39.54	6.005	.3486	547.4	.2240-02
163	.00000	.68400-01	381.00	.1762	.2082	.2290	39.52	6.965	.3488	547.7	.2598-02
163	.00000	.72100-01	382.00	.1514	.1789	.1968	39.53	5.987	.3487	547.5	.2233-02
163	.00000	.76000-01	383.00	.1486	.1756	.1931	39.53	5.875	.3488	547.6	.2192-02
163	.00000	.79600-01	384.00	.1435	.1696	.1865	39.54	5.675	.3486	547.3	.2116-02
163	.00000	.98900-01	386.00	.1417	.1674	.1842	39.51	5.599	.3491	548.1	.2090-02
163	.00000	.10190	387.00	.1397	.1651	.1816	39.53	5.524	.3488	547.6	.2060-02
163	.00000	.11600	388.00	.1410	.1667	.1833	39.49	5.570	.3494	548.6	.2080-02
163	.00000	.11950	389.00	.1723	.2036	.2240	39.47	6.801	.3497	549.0	.2541-02

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
169	10.00	.0000	7.300	2.007	467.5	1494.	368.0	.8398-01	131.5	.5358-04	4104.	.4000-01
175	10.00	.0000	7.300	2.048	466.3	1474.	362.7	.8388-01	129.6	.5429-04	4074.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
169	.0000	.1183
175	.0000	.1181

TEST DATA

RUN NUMBER	YC	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
169	.00000	.60900-01	379.00	.1401	.1658	.1826	28.06	3.931	.3553	544.9	.2773-02
169	.00000	.64600-01	380.00	.9964-01	.1179	.1298	28.07	2.797	.3551	544.6	.1972-02
169	.00000	.68400-01	381.00	.1134	.1342	.1478	28.06	3.181	.3555	545.2	.2245-02
169	.00000	.72100-01	382.00	.9757-01	.1155	.1272	28.05	2.737	.3557	545.4	.1931-02
169	.00000	.76000-01	383.00	.9565-01	.1132	.1247	28.04	2.682	.3559	545.8	.1894-02
169	.00000	.79600-01	384.00	.9027-01	.1069	.1177	28.04	2.531	.3559	545.8	.1787-02
169	.00000	.98900-01	386.00	.8809-01	.1043	.1149	27.99	2.465	.3570	547.5	.1744-02
169	.00000	.10190	387.00	.8479-01	.1004	.1106	28.00	2.374	.3567	546.9	.1679-02
169	.00000	.11600	388.00	.8676-01	.1028	.1132	27.96	2.425	.3577	548.5	.1718-02
169	.00000	.11950	389.00	.1061	.1257	.1385	27.94	2.966	.3580	548.9	.2102-02
175	.00000	.12680	391.00	.9050-01	.1077	.1190	26.81	2.426	.3734	564.4	.1785-02
175	.00000	.13050	392.00	.9424-01	.1121	.1239	26.81	2.527	.3733	564.2	.1859-02
175	.00000	.13380	393.00	.9409-01	.1120	.1237	26.81	2.522	.3734	564.3	.1856-02
175	.00000	.13760	394.00	.9367-01	.1115	.1232	26.81	2.511	.3734	564.3	.1848-02
175	.00000	.14110	395.00	.8026-01	.9550-01	.1055	26.81	2.152	.3733	564.3	.1583-02
175	.00000	.14480	396.00	.8190-01	.9745-01	.1077	26.81	2.196	.3733	564.3	.1615-02
175	.00000	.14830	397.00	.7878-01	.9374-01	.1036	26.81	2.112	.3733	564.2	.1554-02
175	.00000	.15190	398.00	.1121	.1333	.1473	26.82	3.005	.3732	564.1	.2210-02
175	.00000	.15560	399.00	.2245	.2670	.2950	26.84	6.024	.3727	563.3	.4426-02

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105-B 83-0 TOP CENTERLINE

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
175	.00000	.15820	400.00	.2988	.3555	.3928	26.81	8.011	.3733	564.2	.5893-02
175	.00000	.16080	401.00	.2859	.3401	.3758	26.81	7.665	.3732	564.1	.5638-02
175	.00000	.16640	403.00	.3157	.3756	.4151	26.80	8.461	.3735	564.5	.6227-02
175	.00000	.16910	404.00	.3260	.3879	.4286	26.80	8.737	.3735	564.5	.6430-02
175	.00000	.17200	405.00	.6244-03	.7399-03	.8153-03	27.43	.1713-01	.3593	543.1	.1228-04
175	.00000	.17480	406.00	.3590	.4272	.4720	26.80	9.621	.3736	564.6	.7081-02
175	.00000	.17690	407.00	.3577	.4257	.4703	26.81	9.590	.3734	564.4	.7056-02
175	.00000	.18000	408.00	.3800	.4522	.4997	26.80	10.19	.3735	564.5	.7496-02
175	.00000	.18630	410.00	.2551	.3035	.3354	26.80	6.838	.3735	564.5	.5032-02
175	.00000	.18940	411.00	.2073	.2466	.2725	26.80	5.556	.3735	564.5	.4088-02
175	.00000	.19310	412.00	.1499	.1784	.1971	26.81	4.018	.3734	564.4	.2956-02
175	.00000	.19720	413.00	.1009	.1200	.1326	26.81	2.704	.3734	564.4	.1990-02
175	.00000	.20490	414.00	.4335-01	.5158-01	.5699-01	26.81	1.162	.3734	564.4	.8550-03
175	.00000	.25000	416.00	.6706-02	.7980-02	.8817-02	26.81	.1798	.3734	564.4	.1323-03

OH105-B 83-0 TOP CENTERLINE (R3R510)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
168	10.00	.0000	7.300	3.684	866.1	1502.	370.1	.1555	132.3	.9862-04	4115.	.4000-01
174	10.00	.0000	7.300	3.706	867.0	1498.	369.0	.1557	131.9	.9906-04	4109.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
168	.0000	.1611
174	.0000	.1612

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
168	.00000	.60900-01	379.00	.1676	.1986	.2188	38.15	6.393	.3595	554.7	.2448-02
168	.00000	.64600-01	380.00	.1132	.1342	.1479	38.14	4.318	.3598	554.9	.1654-02
168	.00000	.68400-01	381.00	.1349	.1599	.1763	38.13	5.146	.3599	555.1	.1972-02
168	.00000	.72100-01	382.00	.1152	.1366	.1505	38.13	4.393	.3600	555.3	.1683-02
168	.00000	.76000-01	383.00	.1126	.1334	.1470	38.14	4.294	.3598	554.9	.1645-02
168	.00000	.79600-01	384.00	.1066	.1263	.1391	38.16	4.066	.3595	554.5	.1557-02
168	.00000	.98900-01	386.00	.1039	.1231	.1357	38.14	3.963	.3597	554.8	.1518-02
168	.00000	.10190	387.00	.1041	.1234	.1360	38.14	3.971	.3598	555.0	.1521-02
168	.00000	.11600	388.00	.1041	.1234	.1359	38.12	3.968	.3601	555.4	.1521-02
168	.00000	.11950	389.00	.1229	.1456	.1605	38.12	4.685	.3601	555.3	.1795-02
174	.00000	.12680	391.00	.1095	.1300	.1433	37.79	4.140	.3639	559.5	.1598-02
174	.00000	.13050	392.00	.1143	.1356	.1495	37.80	4.320	.3637	559.3	.1667-02
174	.00000	.13380	393.00	.1149	.1363	.1503	37.80	4.342	.3638	559.4	.1676-02
174	.00000	.13760	394.00	.1141	.1354	.1494	37.80	4.314	.3638	559.4	.1665-02
174	.00000	.14110	395.00	.9817-01	.1165	.1285	37.80	3.711	.3638	559.4	.1432-02
174	.00000	.14480	396.00	.1014	.1203	.1326	37.80	3.831	.3638	559.4	.1479-02
174	.00000	.14830	397.00	.1022	.1212	.1337	37.80	3.861	.3638	559.4	.1490-02
174	.00000	.15190	398.00	.1472	.1747	.1926	37.80	5.565	.3638	559.3	.2148-02
174	.00000	.15560	399.00	.2419	.2870	.3165	37.81	9.146	.3637	559.2	.3529-02

OH105-B 83-O TOP CENTERLINE (R3R510)

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
174	.00000	.15820	400.00	.3270	.3880	.4279	37.78	12.35	.3641	559.8	.4771-02
174	.00000	.16080	401.00	.3179	.3772	.4160	37.78	12.01	.3641	559.9	.4637-02
174	.00000	.16640	403.00	.3612	.4286	.4728	37.75	13.63	.3646	560.6	.5270-02
174	.00000	.16910	404.00	.3753	.4454	.4913	37.75	14.17	.3646	560.7	.5476-02
174	.00000	.17480	406.00	.4157	.4933	.5442	37.73	15.68	.3648	561.0	.6065-02
174	.00000	.17690	407.00	.4141	.4914	.5421	37.74	15.63	.3647	560.8	.6042-02
174	.00000	.18000	408.00	.4372	.5189	.5724	37.74	16.50	.3648	560.9	.6380-02
174	.00000	.18630	410.00	.2959	.3512	.3874	37.74	11.17	.3647	560.8	.4318-02
174	.00000	.18940	411.00	.2497	.2963	.3269	37.74	9.424	.3647	560.8	.3643-02
174	.00000	.19310	412.00	.1829	.2170	.2394	37.74	6.903	.3647	560.7	.2668-02
174	.00000	.19720	413.00	.1212	.1438	.1587	37.75	4.575	.3646	560.6	.1768-02
174	.00000	.20490	414.00	.4965-01	.5892-01	.6499-01	37.76	1.875	.3644	560.3	.7244-03
174	.00000	.25000	416.00	.7729-02	.9171-02	.1011-01	37.78	.2920	.3641	559.8	.1128-03

OH105-B 83-0 TOP CENTERLINE (R3R511)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
170	15.00	.0000	7.300	1.982	467.4	1505.	370.8	.8390-01	132.6	.5311-04	4120.	.4000-01
173	15.00	.0000	7.300	2.057	469.2	1476.	363.1	.8438-01	129.8	.5455-04	4077.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
170	.0000	.1184
173	.0000	.1185

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
170	.00000	.60900-01	379.00	.9259-01	.1095	.1206	28.35	2.625	.3539	547.0	.1841-02
170	.00000	.64600-01	380.00	.6699-01	.7925-01	.8724-01	28.36	1.900	.3537	546.6	.1332-02
170	.00000	.68400-01	381.00	.7752-01	.9171-01	.1009	28.36	2.198	.3537	546.6	.1542-02
170	.00000	.72100-01	382.00	.6912-01	.8177-01	.9001-01	28.36	1.960	.3536	546.6	.1375-02
170	.00000	.76000-01	383.00	.6917-01	.8183-01	.9006-01	28.38	1.963	.3533	546.0	.1375-02
170	.00000	.79600-01	384.00	.6527-01	.7721-01	.8497-01	28.39	1.853	.3530	545.5	.1298-02
170	.00000	.98900-01	386.00	.6021-01	.7121-01	.7836-01	28.42	1.711	.3524	544.6	.1197-02
170	.00000	.10190	387.00	.6112-01	.7228-01	.7954-01	28.42	1.737	.3523	544.6	.1215-02
170	.00000	.11600	388.00	.6070-01	.7179-01	.7900-01	28.41	1.725	.3525	544.8	.1207-02
170	.00000	.11950	389.00	.7043-01	.8329-01	.9166-01	28.41	2.001	.3525	544.9	.1400-02
173	.00000	.12680	391.00	.6338-01	.7527-01	.8306-01	27.22	1.725	.3668	555.1	.1245-02
173	.00000	.13050	392.00	.6520-01	.7743-01	.8544-01	27.22	1.775	.3668	555.0	.1281-02
173	.00000	.13380	393.00	.6496-01	.7714-01	.8512-01	27.22	1.768	.3668	555.1	.1276-02
173	.00000	.13760	394.00	.6449-01	.7659-01	.8452-01	27.21	1.755	.3669	555.2	.1267-02
173	.00000	.14110	395.00	.5479-01	.6506-01	.7180-01	27.21	1.491	.3669	555.3	.1077-02
173	.00000	.14480	396.00	.5483-01	.6512-01	.7186-01	27.21	1.492	.3669	555.3	.1077-02
173	.00000	.14830	397.00	.4914-01	.5836-01	.6440-01	27.21	1.337	.3669	555.2	.9657-03
173	.00000	.15190	398.00	.6891-01	.8183-01	.9030-01	27.22	1.875	.3669	555.2	.1354-02
173	.00000	.15560	399.00	.1622	.1926	.2125	27.22	4.414	.3668	555.1	.3187-02

OH105-B 83-0 TOP CENTERLINE (R3R511)

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
173	.00000	.15820	400.00	.2121	.2519	.2780	27.20	5.770	.3671	555.6	.4168-02
173	.00000	.16080	401.00	.1971	.2341	.2584	27.20	5.362	.3671	555.6	.3873-02
173	.00000	.16640	403.00	.2004	.2381	.2627	27.19	5.449	.3675	556.1	.3939-02
173	.00000	.16910	404.00	.2036	.2418	.2669	27.19	5.534	.3675	556.2	.4001-02
173	.00000	.17480	406.00	.2143	.2546	.2809	27.18	5.825	.3676	556.3	.4212-02
173	.00000	.17690	407.00	.2124	.2523	.2784	27.19	5.775	.3674	556.0	.4174-02
173	.00000	.18000	408.00	.2270	.2696	.2976	27.19	6.170	.3676	556.3	.4461-02
173	.00000	.18630	410.00	.1551	.1842	.2033	27.19	4.217	.3675	556.2	.3048-02
173	.00000	.18940	411.00	.1243	.1476	.1629	27.18	3.379	.3676	556.3	.2443-02
173	.00000	.19310	412.00	.9121-01	.1083	.1196	27.19	2.480	.3675	556.2	.1792-02
173	.00000	.19720	413.00	.6416-01	.7621-01	.8410-01	27.19	1.744	.3675	556.1	.1261-02
173	.00000	.20490	414.00	.3009-01	.3574-01	.3944-01	27.19	.8181	.3674	556.1	.5913-03
173	.00000	.25000	416.00	.4805-02	.5708-02	.6300-02	27.18	.1306	.3675	556.2	.9444-04

OH105-B 83-0 TOP CENTERLINE

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
171	15.00	.0000	7.300	3.669	865.2	1505.	370.8	.1553	132.6	.9831-04	4120.	.4000-01
172	15.00	.0000	7.300	3.694	866.2	1500.	369.5	.1555	132.1	.9882-04	4112.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
171	.0000	.1610
172	.0000	.1611

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
171	.00000	.60900-01	379.00	.1220	.1443	.1589	38.51	4.696	.3548	548.3	.1783-02
171	.00000	.64600-01	380.00	.8501-01	.1006	.1107	38.52	3.275	.3546	548.0	.1243-02
171	.00000	.68400-01	381.00	.9822-01	.1162	.1280	38.52	3.783	.3547	548.1	.1436-02
171	.00000	.72100-01	382.00	.8405-01	.9945-01	.1095	38.53	3.238	.3545	547.8	.1229-02
171	.00000	.76000-01	383.00	.8189-01	.9690-01	.1067	38.53	3.155	.3545	547.9	.1197-02
171	.00000	.79600-01	384.00	.7782-01	.9209-01	.1014	38.54	2.999	.3544	547.7	.1138-02
171	.00000	.98900-01	386.00	.7393-01	.8749-01	.9632-01	38.52	2.848	.3546	547.9	.1081-02
171	.00000	.10190	387.00	.7145-01	.8454-01	.9307-01	38.54	2.754	.3542	547.4	.1044-02
171	.00000	.11600	388.00	.7117-01	.8421-01	.9271-01	38.52	2.742	.3546	547.9	.1040-02
171	.00000	.11950	389.00	.8653-01	.1024	.1127	38.51	3.333	.3547	548.2	.1265-02
172	.00000	.12680	391.00	.7327-01	.8683-01	.9568-01	38.10	2.791	.3595	553.6	.1069-02
172	.00000	.13050	392.00	.7577-01	.8978-01	.9893-01	38.11	2.887	.3593	553.3	.1106-02
172	.00000	.13380	393.00	.7563-01	.8962-01	.9876-01	38.10	2.882	.3594	553.4	.1104-02
172	.00000	.13760	394.00	.7482-01	.8866-01	.9769-01	38.10	2.851	.3594	553.4	.1092-02
172	.00000	.14110	395.00	.6372-01	.7550-01	.8320-01	38.10	2.428	.3594	553.4	.9298-03
172	.00000	.14480	396.00	.6551-01	.7762-01	.8553-01	38.11	2.496	.3594	553.3	.9559-03
172	.00000	.14830	397.00	.6408-01	.7594-01	.8368-01	38.10	2.442	.3595	553.5	.9352-03
172	.00000	.15190	398.00	.9045-01	.1072	.1181	38.11	3.447	.3593	553.3	.1320-02
172	.00000	.15560	399.00	.1776	.2104	.2319	38.11	6.767	.3593	553.3	.2591-02

OH105-B 83-0 TOP CENTERLINE

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
172	.00000	.15820	400.00	.2158	.2557	.2818	38.09	8.219	.3597	553.8	.3149-02
172	.00000	.16080	401.00	.2041	.2419	.2665	38.08	7.773	.3597	553.9	.2979-02
172	.00000	.16640	403.00	.2183	.2588	.2852	38.06	8.309	.3602	554.6	.3187-02
172	.00000	.16910	404.00	.2252	.2670	.2942	38.05	8.570	.3603	554.8	.3288-02
172	.00000	.17480	406.00	.2439	.2891	.3187	38.04	9.279	.3604	554.9	.3560-02
172	.00000	.17690	407.00	.2431	.2882	.3176	38.05	9.252	.3602	554.7	.3549-02
172	.00000	.18000	408.00	.2564	.3040	.3350	38.05	9.757	.3603	554.8	.3743-02
172	.00000	.18630	410.00	.1737	.2059	.2269	38.05	6.610	.3603	554.7	.2535-02
172	.00000	.18940	411.00	.1419	.1682	.1853	38.05	5.398	.3603	554.7	.2071-02
172	.00000	.19310	412.00	.1049	.1243	.1370	38.05	3.992	.3603	554.7	.1531-02
172	.00000	.19720	413.00	.7211-01	.8548-01	.9420-01	38.05	2.744	.3603	554.8	.1053-02
172	.00000	.20490	414.00	.3180-01	.3769-01	.4153-01	38.06	1.210	.3600	554.4	.4641-03
172	.00000	.25000	416.00	.4793-02	.5681-02	.6260-02	38.08	.1825	.3598	554.0	.6996-04

OH105-B 83-0 TOP CENTERLINE (R3R513)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
136	20.00	.0000	7.300	1.927	466.0	1527.	376.6	.8350-01	134.6	.5204-04	4152.	.4000-01
139	20.00	.0000	7.300	1.987	466.8	1501.	369.8	.8381-01	132.2	.5320-04	4114.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
136	.0000	.1183
139	.0000	.1183

TEST DATA

RUN NUMBER	YO	XB/LB	T/C [illegible]	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
136	.00000	.60900-01	379.00	.5699-01	.6732-01	.7403-01	29.01	1.653	.3485	547.0	.1145-02
136	.00000	.64600-01	380.00	.4203-01	.4965-01	.5460-01	29.01	1.219	.3484	546.9	.8443-03
136	.00000	.68400-01	381.00	.4935-01	.5831-01	.6412-01	29.00	1.431	.3487	547.3	.9915-03
136	.00000	.72100-01	382.00	.4527-01	.5348-01	.5881-01	29.00	1.313	.3487	547.4	.9094-03
136	.00000	.76000-01	383.00	.4482-01	.5295-01	.5823-01	29.01	1.300	.3485	547.0	.9004-03
136	.00000	.79600-01	384.00	.4232-01	.5000-01	.5498-01	29.02	1.228	.3483	546.8	.8502-03
136	.00000	.98900-01	386.00	.4067-01	.4803-01	.5282-01	29.03	1.180	.3481	546.4	.8169-03
136	.00000	.10190	387.00	.4236-01	.5004-01	.5502-01	29.03	1.230	.3481	546.4	.8509-03
136	.00000	.11600	388.00	.4370-01	.5162-01	.5677-01	29.03	1.269	.3481	546.4	.8779-03
136	.00000	.11950	389.00	.5011-01	.5919-01	.6509-01	29.03	1.455	.3481	546.4	.1007-02
136	.00000	.12310	390.00	.4602-01	.5436-01	.5978-01	29.03	1.336	.3481	546.5	.9245-03
139	.00000	.12680	391.00	.4585-01	.5439-01	.5996-01	27.86	1.277	.3626	558.9	.9127-03
139	.00000	.13050	392.00	.4780-01	.5669-01	.6250-01	27.87	1.332	.3625	558.7	.9514-03
139	.00000	.13380	393.00	.4830-01	.5728-01	.6316-01	27.86	1.346	.3625	558.8	.9614-03
139	.00000	.13760	394.00	.4664-01	.5532-01	.6099-01	27.87	1.300	.3625	558.7	.9284-03
139	.00000	.14110	395.00	.3895-01	.4620-01	.5094-01	27.87	1.086	.3624	558.7	.7754-03
139	.00000	.14480	396.00	.3659-01	.4340-01	.4785-01	27.87	1.020	.3624	558.7	.7283-03
139	.00000	.14830	397.00	.3245-01	.3848-01	.4243-01	27.87	.9043	.3624	558.6	.6459-03
139	.00000	.15190	398.00	.5068-01	.6011-01	.6627-01	27.87	1.413	.3624	558.5	.1009-02

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105-B 83-0 TOP CENTERLINE

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
139	.00000	.15560	399.00	.1539	.1825	.2012	27.87	4.288	.3624	558.6	.3063-02
139	.00000	.15820	400.00	.1673	.1984	.2188	27.86	4.662	.3625	558.7	.3330-02
139	.00000	.16030	401.00	.1545	.1832	.2020	27.87	4.305	.3624	558.6	.3075-02
139	.00000	.16350	402.00	.1505-03	.1777-03	.1953-03	28.61	.4307-02	.3461	533.5	.2986-05
139	.00000	.16640	403.00	.1443	.1712	.1887	27.86	4.021	.3626	558.9	.2873-02
139	.00000	.16910	404.00	.1417	.1681	.1854	27.86	3.948	.3627	559.0	.2822-02
139	.00000	.17200	405.00	.3126-02	.3686-02	.4049-02	28.79	.8998-01	.3422	527.5	.6194-04
139	.00000	.17480	406.00	.1357	.1609	.1775	27.85	3.779	.3628	559.2	.2701-02
139	.00000	.17690	407.00	.1278	.1515	.1671	27.86	3.559	.3626	559.0	.2543-02
139	.00000	.18000	408.00	.1319	.1564	.1725	27.85	3.673	.3628	559.2	.2626-02
139	.00000	.18630	410.00	.8888-01	.1054	.1162	27.85	2.475	.3628	559.2	.1769-02
139	.00000	.18940	411.00	.7166-01	.8500-01	.9372-01	27.85	1.996	.3628	559.1	.1426-02
139	.00000	.19310	412.00	.5312-01	.6301-01	.6948-01	27.85	1.479	.3628	559.2	.1057-02
139	.00000	.19720	413.00	.3858-01	.4577-01	.5046-01	27.85	1.074	.3628	559.3	.7680-03
139	.00000	.20490	414.00	.1800-01	.2135-01	.2354-01	27.84	.5012	.3630	559.5	.3583-03
139	.00000	.25000	416.00	.3108-02	.3688-02	.4067-02	27.79	.8635-01	.3642	561.4	.6188-04

OH105-B 83-O TOP CENTERLINE

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
137	20.00	.0000	7.300	3.429	855.7	1556.	384.1	.1530	137.3	.9351-04	4193.	.4000-01
138	20.00	.0000	7.300	3.861	869.1	1464.	360.1	.1564	128.7	.1020-03	4060.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
137	.0000	.1604
138	.0000	.1612

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
137	.00000	.60900-01	379.00	.7593-01	.8959-01	.9845-01	40.38	3.066	.3443	551.2	.1139-02
137	.00000	.64600-01	380.00	.5644-01	.6659-01	.7317-01	40.40	2.280	.3440	550.8	.8463-03
137	.00000	.68400-01	381.00	.6541-01	.7718-01	.8480-01	40.40	2.642	.3440	550.8	.9808-03
137	.00000	.72100-01	382.00	.5826-01	.6873-01	.7552-01	40.41	2.354	.3439	550.5	.8735-03
137	.00000	.76000-01	383.00	.5845-01	.6896-01	.7577-01	40.40	2.361	.3440	550.7	.8763-03
137	.00000	.79600-01	384.00	.5546-01	.6543-01	.7189-01	40.41	2.241	.3438	550.4	.8315-03
137	.00000	.98900-01	386.00	.5263-01	.6210-01	.6824-01	40.39	2.126	.3441	550.9	.7892-03
137	.00000	.10190	387.00	.4991-01	.5888-01	.6470-01	40.42	2.017	.3438	550.3	.7483-03
137	.00000	.11600	388.00	.4991-01	.5889-01	.6471-01	40.40	2.016	.3441	550.8	.7484-03
137	.00000	.11950	389.00	.5971-01	.7045-01	.7741-01	40.39	2.411	.3442	551.1	.8953-03
137	.00000	.12310	390.00	.5280-01	.6230-01	.6846-01	40.39	2.133	.3441	550.9	.7918-03
138	.00000	.12680	391.00	.5421-01	.6444-01	.7115-01	36.54	1.981	.3699	555.2	.7792-03
138	.00000	.13050	392.00	.5565-01	.6615-01	.7304-01	36.54	2.033	.3700	555.3	.7998-03
138	.00000	.13380	393.00	.5574-01	.6625-01	.7315-01	36.54	2.036	.3700	555.4	.8011-03
138	.00000	.13760	394.00	.5481-01	.6515-01	.7194-01	36.53	2.002	.3702	555.6	.7878-03
138	.00000	.14110	395.00	.4709-01	.5598-01	.6182-01	36.53	1.720	.3702	555.5	.6769-03
138	.00000	.14480	396 00	.4749-01	.5645-01	.6233-01	36.53	1.735	.3701	555.5	.6826-03
138	.00000	.14830	397.00	.4428-01	.5263-01	.5812-01	36.53	1.617	.3702	555.6	.6364-03
138	.00000	.15190	398.00	.6517-01	.7747-01	.8555-01	36.53	2.381	.3702	555.6	.9368-03

OH105-B 83-0 TOP CENTERLINE (R3R514)

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
138	.00000	.15560	399.00	.1659	.1972	.2177	36.52	6.057	.3703	555.8	.2384-02
138	.00000	.15820	400.00	.1696	.2016	.2226	36.51	6.191	.3705	556.1	.2438-02
138	.00000	.16080	401.00	.1564	.1860	.2054	36.51	5.711	.3705	556.1	.2249-02
138	.00000	.16350	402.00	.1161-03	.1378-03	.1520-03	36.91	.4286-02	.3639	546.2	.1667-05
138	.00000	.16640	403.00	.1515	.1801	.1989	36.47	5.524	.3711	556.9	.2177-02
138	.00000	.16910	404.00	.1506	.1791	.1978	36.46	5.495	.3710	556.9	.2166-02
138	.00000	.17200	405.00	.5867-02	.6995-02	.7739-02	35.95	.2109	.3798	570.1	.8453-04
138	.00000	.17480	406.00	.1498	.1781	.1967	36.45	5.459	.3714	557.4	.2153-02
138	.00000	.17690	407.00	.1458	.1733	.1915	36.46	5.315	.3713	557.3	.2096-02
138	.00000	.18000	408.00	.1516	.1802	.1991	36.46	5.525	.3714	557.4	.2179-02
138	.00000	.18630	410.00	.1008	.1199	.1324	36.46	3.677	.3712	557.2	.1450-02
138	.00000	.18940	411.00	.8111-01	.9646-01	.1065	36.45	2.957	.3714	557.4	.1166-02
138	.00000	.19310	412.00	.6077-01	.7227-01	.7982-01	36.46	2.216	.3713	557.2	.8738-03
138	.00000	.19720	413.00	.4302-01	.5116-01	.5651-01	36.46	1.569	.3713	557.3	.6186-03
138	.00000	.20490	414.00	.2124-01	.2525-01	.2789-01	36.48	.7748	.3710	556.8	.3054-03
138	.00000	.25000	416.00	.3760-02	.4469-02	.4935-02	36.54	.1374	.3700	555.3	.5404-04

OH105-B 83-0 TOP CENTERLINE

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
135	20.00	.0000	7.300	1.030	236.9	1483.	365.6	.4259-01	130.5	.2739-04	4087.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
135	.0000	.8420-01

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
135	.00000	.60900-01	379.00	.4089-01	.4840-01	.5329-01	19.80	.8097	.3557	541.1	.1131-02
135	.00000	.64600-01	380.00	.2494-01	.2952-01	.3251-01	19.81	.4940	.3555	540.9	.6902-03
135	.00000	.68400-01	381.00	.2876-01	.3404-01	.3749-01	19.81	.5697	.3555	540.9	.7959-03
135	.00000	.72100-01	382.00	.2291-01	.2712-01	.2986-01	19.81	.4539	.3554	540.7	.6340-03
135	.00000	.76000-01	383.00	.2429-01	.2875-01	.3166-01	19.81	.4811	.3555	540.8	.6721-03
135	.00000	.79600-01	384.00	.2401-01	.2842-01	.3129-01	19.81	.4757	.3554	540.6	.6644-03
135	.00000	.98900-01	386.00	.2383-01	.2820-01	.3105-01	19.82	.4722	.3552	540.4	.6594-03
135	.00000	.10190	387.00	.2157-01	.2552-01	.2810-01	19.82	.4274	.3552	540.3	.5967-03
135	.00000	.11600	388.00	.2429-01	.2874-01	.3165-01	19.82	.4814	.3551	540.2	.6720-03
135	.00000	.11950	389.00	.2987-01	.3535-01	.3892-01	19.83	.5922	.3549	539.9	.8264-03
135	.00000	.12310	390.00	.2700-01	.3196-01	.3518-01	19.82	.5353	.3550	540.1	.7471-03

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
144	.0000	-1.000	7.300	1.040	235.6	1470.	361.6	.4240-01	129.3	.2752-04	4068.	.4000-01
148	.0000	-1.000	7.300	1.030	236.3	1481.	364.4	.4249-01	130.3	.2737-04	4084.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
144	.0000	.8393-01
148	.0000	.8409-01

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
148	.00000	.60900-01	379.00	.2150	.2558	.2827	19.17	4.120	.3738	567.8	.5975-02
148	.00000	.64600-01	380.00	.1486	.1768	.1954	19.17	2.849	.3737	567.6	.4130-02
148	.00000	.68400-01	381.00	.1750	.2083	.2302	19.15	3.353	.3743	568.5	.4866-02
148	.00000	.72100-01	382.00	.1493	.1777	.1964	19.14	2.858	.3745	568.9	.4150-02
148	.00000	.76000-01	383.00	.1431	.1704	.1883	19.15	2.741	.3744	568.7	.3979-02
148	.00000	.79600-01	384.00	.1368	.1628	.1799	19.16	2.620	.3742	568.3	.3802-02
148	.00000	.98500-01	386.00	.1332	.1585	.1752	19.15	2.551	.3744	568.6	.3703-02
148	.00000	.10190	387.00	.1358	.1616	.1786	19.15	2.600	.3744	568.7	.3775-02
148	.00000	.11600	388.00	.1427	.1698	.1877	19.13	2.730	.3749	569.4	.3967-02
148	.00000	.11950	389.00	.1707	.2032	.2245	19.13	3.265	.3749	569.5	.4745-02
144	.00000	.12680	391.00	.1496	.1777	.1962	19.18	2.869	.3678	554.2	.4138-02
144	.00000	.13050	392.00	.1582	.1880	.2075	19.18	3.035	.3677	554.1	.4377-02
144	.00000	.13380	393.00	.1580	.1877	.2072	19.18	3.031	.3677	554.1	.4371-02
144	.00000	.13760	394.00	.1610	.1913	.2111	19.18	3.088	.3678	554.2	.4454-02
144	.00000	.14110	395.00	.1385	.1645	.1816	19.18	2.655	.3678	554.2	.3830-02
144	.00000	.14480	396.00	.1419	.1685	.1860	19.18	2.720	.3678	554.3	.3924-02
144	.00000	.14830	397.00	.1330	.1580	.1744	19.17	2.551	.3679	554.4	.3680-02
144	.00000	.15190	398.00	.2182	.2592	.2860	19.18	4.184	.3678	554.2	.6035-02
144	.00000	.15560	399.00	.3843	.4565	.5038	19.18	7.369	.3678	554.3	.1063-01

OH105-B 83-0 TOP CENTERLINE (R3R516)

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
144	.00000	.15820	400.00	.5350	.6355	.7014	19.17	10.26	.3679	554.4	.1480-01
144	.00000	.16080	401.00	.5188	.6162	.6801	19.18	9.948	.3678	554.2	.1435-01
144	.00000	.16640	403.00	.5752	.6834	.7543	19.17	11.02	.3681	554.7	.1591-01
144	.00000	.16910	404.00	.5842	.6940	.7660	19.16	11.20	.3682	554.8	.1616-01
144	.00000	.17200	405.00	.2847-03	.3370-03	.3710-03	19.58	.5575-02	.3550	535.0	.7852-05
144	.00000	.17480	406.00	.6183	.7346	.8109	19.16	11.85	.3683	555.0	.1711-01
144	.00000	.17690	407.00	.6099	.7245	.7997	19.16	11.69	.3681	554.8	.1687-01
144	.00000	.18000	408.00	.6365	.7562	.8347	19.16	12.19	.3683	555.1	.1761-01
144	.00000	.18630	410.00	.4109	.4882	.5388	19.16	7.871	.3684	555.1	.1137-01
144	.00000	.18940	411.00	.3364	.3996	.4411	19.16	6.443	.3684	555.2	.9305-02
144	.00000	.19310	412.00	.2396	.2847	.3143	19.15	4.589	.3685	555.3	.6629-02
144	.00000	.19720	413.00	.1608	.1911	.2109	19.15	3.079	.3686	555.4	.4449-02
144	.00000	.20490	414.00	.6624-01	.7870-01	.8687-01	19.15	1.269	.3685	555.4	.1832-02

OH105-B 83-0 TOP CENTERLINE (R3R517)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
145	.0000	-1.000	7.300	1.888	468.4	1550.	382.7	.8380-01	136.8	.5139-04	4185.	.4000-01
149	.0000	-1.000	7.300	1.934	465.5	1523.	375.6	.8345-01	134.3	.5215-04	4146.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
145	.0000	.1186
149	.0000	.1182

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
149	.00000	.60900-01	379.00	.2528	.2983	.3278	29.10	7.356	.3445	539.3	.5068-02
149	.00000	.64600-01	380.00	.1712	.2020	.2220	29.10	4.982	.3445	539.2	.3432-02
149	.00000	.68400-01	381.00	.1999	.2359	.2592	29.10	5.816	.3446	539.4	.4007-02
149	.00000	.72100-01	382.00	.1675	.1977	.2173	29.09	4.874	.3446	539.5	.3359-02
149	.00000	.76000-01	383.00	.1634	.1928	.2119	29.09	4.753	.3448	539.8	.3276-02
149	.00000	.79600-01	384.00	.1569	.1852	.2035	29.09	4.565	.3448	539.7	.3146-02
149	.00000	.98900-01	386.00	.1662	.1962	.2156	29.06	4.831	.3453	540.6	.3333-02
149	.00000	.10190	387.00	.1643	.1939	.2131	29.08	4.777	.3450	540.1	.3294-02
149	.00000	.11600	388.00	.1709	.2017	.2217	29.04	4.961	.3459	541.5	.3426-02
149	.00000	.11950	389.00	.2094	.2472	.2717	29.01	6.074	.3464	542.2	.4199-02
145	.00000	.12680	391.00	.1808	.2137	.2351	29.49	5.333	.3500	558.3	.3661-02
145	.00000	.13050	392.00	.1922	.2272	.2499	29.49	5.670	.3500	558.3	.3892-02
145	.00000	.13380	393.00	.1936	.2288	.2517	29.49	5.708	.3501	558.5	.3919-02
145	.00000	.13760	394.00	.1959	.2316	.2547	29.49	5.777	.3502	558.5	.3967-02
145	.00000	.14110	395.00	.1698	.2007	.2208	29.48	5.007	.3502	558.7	.3439-02
145	.00000	.14480	396.00	.1769	.2091	.2300	29.48	5.216	.3503	558.7	.3582-02
145	.00000	.14830	397.00	.1786	.2111	.2322	29.48	5.264	.3503	558.8	.3616-02
145	.00000	.15190	398.00	.2861	.3381	.3720	29.48	8.434	.3503	558.7	.5792-02
145	.00000	.15560	399.00	.4399	.5200	.5720	29.48	12.97	.3504	558.9	.8907-02

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105-B 83-0 TOP CENTERLINE

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
145	.00000	.15820	400.00	.5865	.6933	.7627	29.46	17.28	.3506	559.3	.1188-01
145	.00000	.16080	401.00	.5755	.6803	.7484	29.46	16.96	.3506	559.2	.1165-01
145	.00000	.16640	403.00	.6462	.7639	.8404	29.44	19.02	.3511	560.0	.1308-01
145	.00000	.16910	404.00	.6540	.7731	.8506	29.44	19.25	.3511	560.0	.1324-01
145	.00000	.17200	405.00	.5575-03	.6574-03	.7221-03	29.87	.1666-01	.3420	545.5	.1127-04
145	.00000	.17480	406.00	.7031	.8313	.9147	29.43	20.69	.3514	560.5	.1424-01
145	.00000	.17690	407.00	.6906	.8164	.8983	29.43	20.32	.3513	560.3	.1398-01
145	.00000	.18000	408.00	.7183	.8493	.9344	29.42	21.14	.3514	560.6	.1455-01
145	.00000	.18630	410.00	.4808	.5684	.6254	29.43	14.15	.3514	560.6	.9737-02
145	.00000	.18940	411.00	.4101	.4849	.5335	29.42	12.07	.3515	560.6	.8306-02
145	.00000	.19310	412.00	.2937	.3472	.3820	29.43	8.642	.3514	560.6	.5947-02
145	.00000	.19720	413.00	.1938	.2291	.2521	29.43	5.702	.3514	560.5	.3924-02
145	.00000	.20490	414.00	.7791-01	.9210-01	.1013	29.43	2.293	.3513	560.3	.1578-02
145	.00000	.25000	416.00	.6640-02	.7848-02	.8634-02	29.48	.1957	.3504	559.9	.1344-03

OH105-B 83-0 TOP CENTERLINE (R3R518)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
146	.0000	-1.000	7.300	2.910	699.8	1522.	375.4	.1255	134.2	.7846-04	4145.	.4000-01
150	.0000	-1.000	7.300	2.993	699.4	1497.	368.7	.1256	131.8	.7998-04	4108.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
146	.0000	.1449
150	.0000	.1447

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
150	.00000	.60900-01	379.00	.2748	.3257	.3589	34.15	9.386	.3596	552.5	.4457-02
150	.00000	.64600-01	380.00	.1894	.2244	.2473	34.16	6.470	.3594	552.2	.3071-02
150	.00000	.68400-01	381.00	.2228	.2640	.2910	34.14	7.607	.3598	552.8	.3614-02
150	.00000	.72100-01	382.00	.1913	.2268	.2499	34.14	6.532	.3598	552.9	.3103-02
150	.00000	.76000-01	383.00	.1378	.2226	.2453	34.15	6.414	.3597	552.7	.3047-02
150	.00000	.79600-01	384.00	.1825	.2162	.2383	34.16	6.233	.3595	552.3	.2960-02
150	.00000	.98900-01	386.00	.1811	.2146	.2365	34.16	6.186	.3595	552.4	.2937-02
150	.00000	.10190	387.00	.1830	.2169	.2390	34.18	6.256	.3592	551.9	.2969-02
150	.00000	.11600	388.00	.1901	.2253	.2482	34.15	6.492	.3596	552.5	.3083-02
150	.00000	.11950	389.00	.2284	.2707	.2983	34.14	7.796	.3599	553.0	.3704-02
146	.00000	.12680	391.00	.1987	.2354	.2593	34.89	6.935	.3579	560.0	.3257-02
146	.00000	.13050	392.00	.2110	.2500	.2754	34.90	7.365	.3578	559.8	.3459-02
146	.00000	.13380	393.00	.2127	.2520	.2776	34.89	7.422	.3580	560.0	.3487-02
146	.00000	.13760	394.00	.2151	.2547	.2806	34.89	7.504	.3580	560.0	.3525-02
146	.00000	.14110	395.00	.1874	.2220	.2445	34.89	6.539	.3580	560.1	.3072-02
146	.00000	.14480	396.00	.1949	.2309	.2543	34.89	6.801	.3580	560.0	.3195-02
146	.00000	.14830	397.00	.2001	.2370	.2611	34.88	6.980	.3581	560.3	.3280-02
146	.00000	.15190	398.00	.3261	.3863	.4255	34.89	11.38	.3581	560.2	.5345-02
146	.00000	.15560	399.00	.4429	.5246	.5779	34.89	15.45	.3581	560.2	.7260-02

OH105-B 83-O TOP CENTERLINE (R3R518)

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
146	.00000	.15820	400.00	.6123	.7254	.7992	34.87	21.35	.3585	560.8	.1004-01
146	.00000	.16080	401.00	.6050	.7167	.7896	34.87	21.10	.3584	560.7	.9918-02
146	.00000	.16640	403.00	.6832	.8095	.C919	34.84	23.80	.3589	561.5	.1120-01
146	.00000	.16910	404.00	.6935	.8217	.9054	34.84	24.16	.3590	561.6	.1137-01
146	.00000	.17200	405.00	.1421-02	.1678-02	.1845-02	35.52	.5049-01	.3468	542.6	.2324-04
146	.00000	.17480	406.00	.7508	.8897	.9803	34.82	26.15	.3592	561.9	.1231-01
146	.00000	.17690	407.00	.7377	.8740	.9631	34.83	25.69	.3591	561.8	.1209-01
146	.00000	.18000	408.00	.7716	.9144	1.008	34.82	26.87	.3593	562.1	.1265-01
146	.00000	.18630	410.00	.5323	.6307	.6950	34.82	18.53	.3592	562.0	.8727-02
146	.00000	.18940	411.00	.4681	.5547	.6112	34.82	16.30	.3593	562.0	.7675-02
146	.00000	.19310	412.00	.3308	.3920	.4320	34.82	11.52	.3593	562.1	.5424-02
146	.00000	.19720	413.00	.2161	.2561	.2822	34.82	7.524	.3593	562.1	.3543-02
146	.00000	.20490	414.00	.8489-01	.1006	.1108	34.83	2.957	.3591	561.8	.1392-02
146	.00000	.22500	415.00	.3178-04	.3749-04	.4119-04	35.72	.1135-02	.3433	537.1	.5193-06

OH105-B 83-0 TOP CENTERLINE (R3R519)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
147	.0000	-1.000	7.300	3.572	861.7	1525.	376.1	.1544	134.5	.9639-04	4149.	.4000-01
151	.0000	-1.000	7.300	3.654	865.5	1509.	371.8	.1553	132.9	.9806-04	4125.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
147	.0000	.1608
151	.0000	.1611

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
151	.00000	.60900-01	379.00	.2851	.3377	.3721	38.36	10.93	.3590	556.3	.4177-02
151	.00000	.64600-01	380.00	.1992	.2360	.2600	38.38	7.643	.3588	555.9	.2919-02
151	.00000	.68400-01	381.00	.2331	.2762	.3043	38.36	8.941	.3590	556.2	.3416-02
151	.00000	.72100-01	382.00	.2014	.2386	.2629	38.37	7.728	.3589	556.1	.2952-02
151	.00000	.76000-01	383.00	.1996	.2365	.2606	38.36	7.658	.3590	556.2	.2926-02
151	.00000	.79600-01	384.00	.1949	.2309	.2544	38.38	7.480	.3587	555.9	.2856-02
151	.00000	.98900-01	386.00	.1884	.2232	.2459	38.36	7.226	.3590	556.3	.2761-02
151	.00000	.10190	387.00	.1881	.2228	.2455	38.39	7.220	.3586	555.6	.2756-02
151	.00000	.11600	388.00	.1976	.2342	.2580	38.36	7.581	.3590	556.3	.2896-02
151	.00000	.11950	389.00	.2429	.2878	.3171	38.35	9.314	.3592	556.6	.3560-02
147	.00000	.12680	391.00	.2151	.2551	.2812	38.58	8.301	.3613	566.4	.3184-02
147	.00000	.13050	392.00	.2289	.2714	.2991	38.59	8.832	.3613	566.3	.3388-02
147	.00000	.13380	393.00	.2311	.2740	.3021	38.58	8.918	.3613	566.4	.3421-02
147	.00000	.13760	394.00	.2341	.2776	.3060	38.57	9.032	.3615	566.6	.3466-02
147	.00000	.14110	395.00	.2035	.2413	.2660	38.57	7.849	.3615	566.6	.3012-02
147	.00000	.14480	396.00	.2113	.2506	.2762	38.57	8.152	.3615	566.6	.3128-02
147	.00000	.14830	397.00	.2187	.2593	.2859	38.57	8.436	.3615	566.7	.3238-02
147	.00000	.15190	398.00	.3520	.4173	.4601	38.57	13.58	.3615	566.6	.5210-02
147	.00000	.15560	399.00	.4640	.5502	.6065	38.57	17.90	.3615	566.7	.6869-02

OH105-B 83-0 TOP CENTERLINE (R3R519)

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
147	.00000	.15820	400.00	.6473	.7676	.8462	38.55	24.95	.3619	567.2	.9582-02
147	.00000	.16080	401.00	.6408	.7599	.8377	38.55	24.70	.3618	567.2	.9486-02
147	.00000	.16640	403.00	.7263	.8614	.9497	38.52	27.97	.3624	568.0	.1075-01
147	.00000	.16910	404.00	.7380	.8752	.9650	38.51	28.42	.3624	568.1	.1093-01
147	.00000	.17200	405.00	.8460-03	.9996-03	.1099-02	39.35	.3329-01	.3491	547.2	.1249-04
147	.00000	.17480	406.00	.8080	.9584	1.057	38.50	31.11	.3627	568.5	.1196-01
147	.00000	.17690	407.00	.7929	.9405	1.037	38.51	30.53	.3626	568.3	.1174-01
147	.00000	.18000	408.00	.8275	.9815	1.082	38.50	31.85	.3627	568.5	.1225-01
147	.00000	.18630	410.00	.5812	.6894	.7602	38.50	22.38	.3627	568.5	.8606-02
147	.00000	.18940	411.00	.5140	.6096	.6722	38.50	19.79	.3627	568.5	.7610-02
147	.00000	.19310	412.00	.3611	.4283	.4722	38.50	13.90	.3626	568.4	.5346-02
147	.00000	.19720	413.00	.2366	.2806	.3094	38.50	9.110	.3626	568.3	.3503-02
147	.00000	.20490	414.00	.9263-01	.1099	.1211	38.52	3.568	.3624	568.0	.1371-02
147	.00000	.22500	415.00	.8578-04	.1012-03	.1112-03	39.67	.3403-02	.3440	539.2	.1265-05

OH105-B 83-0 TOP CENTERLINE (R3R520)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
143	.0000	1.000	7.300	1.062	235.6	1452.	356.9	.4244-01	127.6	.2791-04	4042.	.4000-01
155	.0000	1.000	7.300	1.066	240.7	1467.	360.8	.4332-01	129.0	.2818-04	4063.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
143	.0000	.8387-01
155	.0000	.8482-01

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
155	.00000	.60900-01	379.00	.2202	.2607	.2872	19.68	4.334	.3569	536.6	.6003-02
155	.00000	.64600-01	380.00	.1492	.1767	.1946	19.69	2.937	.3568	536.4	.4067-02
155	.00000	.68400-01	381.00	.1752	.2074	.2285	19.69	3.450	.3565	536.1	.4776-02
155	.00000	.72100-01	382.00	.1479	.1751	.1928	19.69	2.912	.3565	536.0	.4031-02
155	.00000	.76000-01	383.00	.1450	.1717	.1891	19.68	2.855	.3568	536.5	.3953-02
155	.00000	.79600-01	384.00	.1364	.1615	.1779	19.68	2.685	.3569	536.6	.3719-02
155	.00000	.98900-01	386.00	.1392	.1648	.1816	19.68	2.739	.3570	536.8	.3795-02
155	.00000	.10190	387.00	.1355	.1605	.1768	19.69	2.669	.3567	536.3	.3695-02
155	.00000	.11600	388.00	.1454	.1722	.1897	19.67	2.861	.3571	537.0	.3964-02
155	.00000	.11950	389.00	.1787	.2117	.2332	19.66	3.515	.3574	537.4	.4874-02
143	.00000	.12680	391.00	.1560	.1853	.2046	18.89	2.946	.3687	548.5	.4281-02
143	.00000	.13050	392.00	.1640	.1949	.2152	18.89	3.099	.3687	548.4	.4502-02
143	.00000	.13380	393.00	.1646	.1956	.2159	18.89	3.109	.3686	548.3	.4517-02
143	.00000	.13760	394.00	.1660	.1973	.2178	18.89	3.136	.3687	548.4	.4556-02
143	.00000	.14110	395.00	.1442	.1714	.1892	18.89	2.724	.3688	548.5	.3959-02
143	.00000	.14480	396.00	.1476	.1753	.1936	18.89	2.787	.3688	548.6	.4050-02
143	.00000	.14830	397.00	.1390	.1640	.1810	18.89	2.607	.3688	548.5	.3788-02
143	.00000	.15190	398.00	.2248	.2671	.2949	18.89	4.246	.3687	548.4	.6170-02
143	.00000	.15560	399.00	.4036	.4796	.5294	18.89	7.624	.3687	548.4	.1108-01

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

(R3R520)

OH105-B 83-0 TOP CENTERLINE

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
143	.00000	.15820	400.00	.5675	.6744	.7445	18.89	10.72	.3688	548.6	.1558-01
143	.00000	.16080	401.00	.5501	.6536	.7215	18.89	10.39	.3687	548.4	.1510-01
143	.00000	.16640	403.00	.6041	.7179	.7926	18.88	11.41	.3690	548.9	.1658-01
143	.00000	.16910	404.00	.6124	.7278	.8034	18.88	11.56	.3691	549.0	.1681-01
143	.00000	.17200	405.00	.4585-03	.5427-03	.5976-03	19.31	.8852-02	.3553	528.5	.1255-04
143	.00000	.17480	406.00	.6459	.7676	.8474	18.87	12.19	.3692	549.1	.1773-01
143	.00000	.17690	407.00	.6347	.7543	.8327	18.88	11.98	.3690	548.8	.1742-01
143	.00000	.18000	408.00	.6613	.7859	.8677	18.87	12.48	.3692	549.2	.1815-01
143	.00000	.18630	410.00	.4291	.5100	.5631	18.87	8.098	.3693	549.3	.1178-01
143	.00000	.18940	411.00	.3510	.4171	.4605	18.87	6.623	.3693	549.3	.9634-02
143	.00000	.19310	412.00	.2510	.2983	.3293	18.87	4.736	.3694	549.5	.6890-02
143	.00000	.19720	413.00	.1676	.1992	.2199	18.87	3.162	.3694	549.5	.4600-02
143	.00000	.20490	414.00	.6976-01	.8291-01	.9154-01	18.86	1.316	.3696	549.7	.1915-02
143	.00000	.25000	416.00	.6738-02	.8043-02	.8905-02	18.42	.1241	.3837	570.8	.1856-03

OH105-B 83-0 TOP CENTERLINE (R3R521)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
142	.0000	1.000	7.300	2.062	466.8	1469.	361.3	.8400-01	129.2	.5457-04	4067.	.4000-01
154	.0000	1.000	7.300	2.036	469.2	1485.	365.4	.8433-01	130.6	.5417-04	4090.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
142	.0000	.1181
154	.0000	.1185

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
154	.00000	.60900-01	379.00	.2450	.2905	.3202	27.67	6.780	.3607	549.4	.4827-02
154	.00000	.64600-01	380.00	.1701	.2016	.2222	27.67	4.706	.3608	549.4	.3350-02
154	.00000	.68400-01	381.00	.1980	.2348	.2588	27.66	5.478	.3610	549.8	.3902-02
154	.00000	.72100-01	382.00	.1696	.2010	.2216	27.65	4.689	.3611	550.0	.3341-02
154	.00000	.76000-01	383.00	.1655	.1962	.2163	27.66	4.578	.3610	549.8	.3261-02
154	.00000	.79600-01	384.00	.1575	.1867	.2058	27.67	4.358	.3606	549.3	.3102-02
154	.00000	.98900-01	386.00	.1597	.1893	.2087	27.68	4.421	.3606	549.2	.3147-02
154	.00000	.10190	387.00	.1614	.1913	.2108	27.67	4.465	.3607	549.4	.3179-02
154	.00000	.11600	388.00	.1660	.1968	.2169	27.66	4.591	.3611	549.9	.3270-02
154	.00000	.11950	389.00	.1998	.2369	.2611	27.66	5.526	.3610	549.8	.3936-02
142	.00000	.12680	391.00	.1830	.2172	.2397	27.06	4.951	.3658	550.9	.3593-02
142	.00000	.13050	392.00	.1939	.2302	.2539	27.06	5.245	.3658	550.9	.3806-02
142	.00000	.13380	393.00	.1956	.2322	.2562	27.05	5.289	.3660	551.2	.3840-02
142	.00000	.13760	394.00	.1981	.2352	.2595	27.04	5.358	.3661	551.3	.3890-02
142	.00000	.14110	395.00	.1722	.2044	.2255	27.04	4.655	.3662	551.4	.3380-02
142	.00000	.14480	396.00	.1798	.2134	.2355	27.04	4.860	.3662	551.5	.3530-02
142	.00000	.14830	397.00	.1818	.2159	.2382	27.03	4.915	.3664	551.7	.3570-02
142	.00000	.15190	398.00	.2825	.3473	.3832	27.03	7.907	.3664	551.7	.5744-02
142	.00000	.15560	399.00	.4337	.5150	.5682	27.03	11.72	.3664	551.8	.8516-02

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

(R3R521)

OH105-B 83-0 TOP CENTERLINE

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
142	.00000	.15820	400.00	.5947	.7063	.7794	27.01	16.06	.3668	552.4	.1168-01
142	.00000	.16080	401.00	.5853	.6951	.7670	27.01	15.81	.3668	552.4	.1150-01
142	.00000	.16640	403.00	.6552	.7782	.8589	26.99	17.69	.3673	553.1	.1287-01
142	.00000	.16910	404.00	.6642	.7889	.8706	26.99	17.92	.3674	553.2	.1305-01
142	.00000	.17200	405.00	.1095-02	.1296-02	.1426-02	27.61	.3024-01	.3535	532.3	.2144-04
142	.00000	.17480	406.00	.7127	.8466	.9343	26.97	19.22	.3677	553.7	.1400-01
142	.00000	.17690	407.00	.7015	.8332	.9196	26.97	18.92	.3677	553.7	.1378-01
142	.00000	.18000	408.00	.7296	.8667	.9566	26.97	19.67	.3679	554.0	.1433-01
142	.00000	.18630	410.00	.4886	.5804	.6406	26.96	13.17	.3679	554.1	.9597-02
142	.00000	.18940	411.00	.4203	.4993	.5511	26.96	11.33	.3680	554.2	.8257-02
142	.00000	.19310	412.00	.3019	.3586	.3958	26.96	8.137	.3680	554.2	.5930-02
142	.00000	.19720	413.00	.1980	.2352	.2596	26.95	5.336	.3681	554.4	.3889-02
142	.00000	.20490	414.00	.7852-01	.9328-01	.1030	26.96	2.117	.3680	554.2	.1542-02
142	.00000	.25000	416.00	.6913-02	.8215-02	.9068-02	26.92	.1861	.3689	555.5	.1358-03

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	PHO SLUGS/ FT3	VINF FT/SEC	SCALE
141	.0000	1.000	7.300	3.005	699.1	1493.	367.7	.1256	131.4	.8018-04	4102.	.4000-01
153	.0000	1.000	7.300	3.014	699.8	1491.	367.2	.1257	131.3	.8038-04	4099.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
141	.0000	.1447
153	.0000	.1448

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
153	.00000	.60900-01	379.00	.2750	.3260	.3594	33.94	9.333	.3611	552.6	.4449-02
153	.00000	.64600-01	380.00	.1936	.2295	.2529	33.95	6.571	.3609	552.3	.3131-02
153	.00000	.68400-01	381.00	.2253	.2671	.2944	33.95	7.647	.3609	552.3	.3644-02
153	.00000	.72100-01	382.00	.1946	.2307	.2543	33.95	6.608	.3608	552.2	.3148-02
153	.00000	.76000-01	383.00	.1923	.2280	.2513	33.95	6.529	.3609	552.3	.3111-02
153	.00000	.79600-01	384.00	.1682	.2231	.2459	33.96	6.393	.3607	551.9	.3045-02
153	.00000	.98900-01	386.00	.1826	.2164	.2385	33.95	6.198	.3608	552.2	.2953-02
153	.00000	.10190	387.00	.1814	.2150	.2370	33.99	6.165	.3602	551.3	.2934-02
153	.00000	.11600	388.00	.1895	.2246	.2475	33.97	6.436	.3606	551.7	.3065-02
153	.00000	.11950	389.00	.2327	.2758	.3040	33.95	7.900	.3609	552.2	.3764-02
141	.00000	.12680	391.00	.2024	.2404	.2653	33.62	6.803	.3674	563.0	.3283-02
141	.00000	.13050	392.00	.2152	.2556	.2821	33.62	7.234	.3674	563.0	.3492-02
141	.00000	.13380	393.00	.2171	.2578	.2845	33.61	7.296	.3675	563.2	.3522-02
141	.00000	.13760	394.00	.2205	.2619	.2890	33.61	7.409	.3676	563.3	.3577-02
141	.00000	.14110	395.00	.1922	.2283	.2520	33.61	6.460	.3677	563.4	.3119-02
141	.00000	.14480	396.00	.1998	.2374	.2620	33.61	6.716	.3676	563.3	.3242-02
141	.00000	.14830	397.00	.2060	.2447	.2701	33.61	6.925	.3676	563.3	.3343-02
141	.00000	.15190	398.00	.3338	.3965	.4376	33.61	11.22	.3676	563.3	.5415-02
141	.00000	.15560	399.00	.4744	.5636	.6220	33.61	15.94	.3676	563.3	.7698-02

(R3R522)

OH105-B 83-0 TOP CENTERLINE

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
141	.00000	.15820	400.00	.6306	.7491	.8268	33.59	21.18	.3679	563.7	.1023-01
141	.00000	.16080	401.00	.6227	.7398	.8165	33.59	20.92	.3679	563.7	.1010-01
141	.00000	.16640	403.00	.7009	.8327	.9192	33.57	23.53	.3683	564.4	.1137-01
141	.00000	.16910	404.00	.7102	.8437	.9313	33.57	23.84	.3683	564.4	.1152-01
141	.00000	.17200	405.00	.1074-02	.1270-02	.1397-02	34.58	.3715-01	.3501	536.4	.1736-04
141	.00000	.17480	406.00	.7633	.9129	1.008	33.55	25.78	.3686	564.9	.1247-01
141	.00000	.17690	407.00	.7553	.8975	.9907	33.55	25.34	.3686	564.8	.1226-01
141	.00000	.18000	408.00	.7883	.9366	1.034	33.54	26.44	.3688	565.1	.1279-01
141	.00000	.18630	410.00	.5466	.6495	.7170	33.54	18.33	.3688	565.2	.8871-02
141	.00000	.18940	411.00	.4817	.5724	.6319	33.54	16.16	.3689	565.2	.7818-02
141	.00000	.19310	412.00	.3416	.4060	.4482	33.54	11.46	.3689	565.2	.5545-02
141	.00000	.19720	413.00	.2238	.2660	.2936	33.53	7.506	.3690	565.4	.3633-02
141	.00000	.20490	414.00	.8501-01	.1010	.1115	33.53	2.850	.3690	565.5	.1380-02
141	.00000	.25000	416.00	.6597-02	.7842-02	.8659-02	33.47	.2208	.3702	567.2	.1071-03

OH105-B 83-0 TOP CENTERLINE (R3R523)

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
140	.0000	1.000	7.300	3.613	864.4	1518.	374.1	.1550	133.8	.9726-04	4138.	.4000-01
152	.0000	1.000	7.300	3.701	865.1	1497.	368.7	.1554	131.8	.9890-04	4108.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
140	.0000	.1610
152	.0000	.1610

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
152	.00000	.60900-01	379.00	.2923	.3462	.3813	38.16	11.15	.3569	548.5	.4261-02
152	.00000	.64600-01	380.00	.2070	.2450	.2699	38.17	7.899	.3567	548.2	.3017-02
152	.00000	.68400-01	381.00	.2434	.2882	.3174	38.16	9.286	.3569	548.5	.3548-02
152	.00000	.72100-01	382.00	.2112	.2501	.2754	38.16	8.057	.3570	548.6	.3078-02
152	.00000	.76000-01	383.00	.2092	.2477	.2728	38.17	7.986	.3567	548.2	.3049-02
152	.00000	.79600-01	384.00	.2046	.2423	.2668	38.20	7.816	.3563	547.5	.2982-02
152	.00000	.98900-01	386.00	.1904	.2255	.2483	38.21	7.276	.3561	547.3	.2776-02
152	.00000	.10190	387.00	.1936	.2292	.2524	38.21	7.396	.3562	547.3	.2821-02
152	.00000	.11600	388.00	.2026	.2399	.2642	38.17	7.734	.3567	548.2	.2954-02
152	.00000	.11950	389.00	.2453	.2905	.3199	38.17	9.362	.3568	548.3	.3576-02
140	.00000	.12680	391.00	.2168	.2567	.2827	38.72	8.394	.3569	556.4	.3190-02
140	.00000	.13050	392.00	.2303	.2727	.3004	38.71	8.917	.3569	556.6	.3389-02
140	.00000	.13380	393.00	.2318	.2745	.3024	38.70	8.972	.3571	556.8	.3411-02
140	.00000	.13760	394.00	.2356	.2789	.3072	38.70	9.115	.3572	557.0	.3466-02
140	.00000	.14110	395.00	.2044	.2421	.2666	38.69	7.909	.3573	557.1	.3008-02
140	.00000	.14480	396.00	.2122	.2513	.2768	38.69	8.209	.3574	557.2	.3122-02
140	.00000	.14830	397.00	.2201	.2607	.2872	38.68	8.516	.3574	557.3	.3240-02
140	.00000	.15190	398.00	.3500	.4146	.4567	38.68	13.54	.3575	557.5	.5152-02
140	.00000	.15560	399.00	.4568	.5410	.5959	38.67	17.66	.3577	557.8	.6722-02

(R3R523)

OH105-B 83-0 TOP CENTERLINE

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
140	.00000	.15820	400.00	.6528	.7732	.8518	38.64	25.22	.3582	558.5	.9608-02
140	.00000	.16080	401.00	.6451	.7642	.8419	38.63	24.92	.3582	558.6	.9496-02
140	.00000	.16350	402.00	.1695-03	.2000-03	.2199-03	39.45	.6686-02	.3453	538.4	.2488-05
140	.00000	.16640	403.00	.7270	.8614	.9491	38.59	28.05	.3589	559.7	.1070-01
140	.00000	.16910	404.00	.7385	.8750	.9641	38.58	28.49	.3590	559.8	.1087-01
140	.00000	.17200	405.00	.6894-03	.8160-03	.8985-03	38.81	.2676-01	.3554	554.2	.1014-04
140	.00000	.17480	406.00	.8028	.9514	1.048	38.55	30.95	.3595	560.5	.1182-01
140	.00000	.17690	407.00	.7897	.9358	1.031	38.55	30.45	.3595	560.5	.1163-01
140	.00000	.18000	408.00	.8257	.9785	1.078	38.55	31.83	.3596	560.7	.1216-01
140	.00000	.18630	410.00	.5822	.6899	.7602	38.55	22.44	.3595	560.6	.8571-02
140	.00000	.18940	411.00	.5175	.6133	.6758	38.55	19.95	.3596	560.7	.7620-02
140	.00000	.19310	412.00	.3658	.4334	.4776	38.55	14.10	.3595	560.5	.5385-02
140	.00000	.19720	413.00	.2398	.2842	.3131	38.56	9.248	.3594	560.3	.3531-02
140	.00000	.20490	414.00	.9221-01	.1093	.1204	38.58	3.557	.3590	559.8	.1357-02
140	.00000	.25000	416.00	.7959-02	.9428-02	.1039-01	38.64	.3075	.3581	558.4	.1172-03

OH105-B 83-0 TOP CENTERLINE

TOP CENTERLINE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
156	.0000	.0000	7.300	3.657	864.9	1507.	371.4	.1552	132.8	.9809-04	4123.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
156	.0000	.1610

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
156	.00000	.60900-01	379.00	.2899	.3420	.3758	39.25	11.38	.3439	532.4	.4233-02
156	.00000	.64600-01	380.00	.2039	.2405	.2643	39.25	8.003	.3439	532.4	.2977-02
156	.00000	.68400-01	381.00	.2401	.2833	.3113	39.23	9.420	.3442	532.8	.3507-02
156	.00000	.72100-01	382.00	.2086	.2461	.2704	39.23	8.182	.3442	532.9	.3046-02
156	.00000	.76000-01	383.00	.2068	.2440	.2682	39.25	8.117	.3440	532.5	.3021-02
156	.00000	.79600-01	384.00	.2031	.2396	.2632	39.28	7.976	.3435	531.7	.2965-02
156	.00000	.98900-01	386.00	.1895	.2235	.2456	39.25	7.437	.3439	532.3	.2767-02
156	.00000	.10190	387.00	.1928	.2275	.2500	39.24	7.567	.3441	532.7	.2816-02
156	.00000	.11600	388.00	.2020	.2384	.2620	39.20	7.919	.3447	533.6	.2951-02
156	.00000	.11950	389.00	.2440	.2879	.3164	39.20	9.564	.3447	533.7	.3564-02

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
180	.0000	.0000	7.300	1.035	236.9	1479.	363.9	.4260-01	130.1	.2748-04	4081.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
180	.0000	.8419-01

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
180	.27000-01	273.00	436.00	.1531	.1819	.2007	19.34	2.960	.3682	558.3	.4239-02
180	.27000-01	287.50	434.00	.2061	.2448	.2703	19.32	3.981	.3687	559.2	.5707-02
180	.27000-01	303.00	432.00	.2054	.2441	.2694	19.30	3.965	.3692	559.9	.5689-02
180	.27000-01	320.00	430.00	.1427	.1696	.1873	19.28	2.752	.3699	560.9	.3953-02
180	.27000-01	335.00	428.00	.1039	.1235	.1364	19.29	2.005	.3696	560.4	.2879-02
180	.27000-01	350.00	426.00	.9403-01	.1118	.1234	19.28	1.813	.3699	561.0	.2605-02
180	.50000-01	289.00	448.00	.1249	.1484	.1638	19.33	2.413	.3686	558.9	.3459-02
180	.50000-01	300.00	446.00	.1083	.1287	.1421	19.32	2.093	.3686	559.0	.3000-02
180	.50000-01	311.00	444.00	.8940-01	.1062	.1173	19.32	1.727	.3687	559.1	.2476-02
180	.50000-01	321.50	442.00	.7511-01	.8924-01	.9852-01	19.32	1.451	.3688	559.2	.2080-02
180	.50000-01	334.00	440.00	.5956-01	.7078-01	.7813-01	19.31	1.150	.3690	559.5	.1650-02
180	.50000-01	347.00	438.00	.5538-01	.6581-01	.7266-01	19.30	1.069	.3692	559.9	.1534-02
180	.20490	273.00	476.00	.1859-01	.2208-01	.2437-01	19.33	.3594	.3683	558.5	.5148-03
180	.20490	275.50	475.00	.1891-01	.2235-01	.2467-01	19.33	.3636	.3684	558.7	.5209-03
180	.20490	278.00	474.00	.1992-01	.2367-01	.2613-01	19.33	.3850	.3685	558.8	.5518-03
180	.20490	284.00	473.00	.3159-01	.3754-01	.4144-01	19.32	.6103	.3689	559.3	.8752-03
180	.20490	287.00	472.00	.3125-01	.3713-01	.4098-01	19.32	.6038	.3686	559.0	.8654-03
180	.20490	290.00	471.00	.3258-01	.3871-01	.4272-01	19.33	.6298	.3683	558.6	.9023-03
180	.20490	292.00	470.00	.2607-01	.3098-01	.3419-01	19.34	.5041	.3683	558.5	.7221-03
180	.20490	295.00	469.00	.2887-01	.3430-01	.3786-01	19.33	.5580	.3684	558.7	.7995-03
180	.20490	300.50	467.00	.2411-01	.2865-01	.3162-01	19.33	.4661	.3684	558.7	.6679-03

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105-B 83-0 PILOT RT(X-SECT)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
180	.20490	303.00	466.00	.2178-01	.2588-01	.2857-01	19.33	.4211	.3683	558.6	.6033-03
180	.20490	305.00	465.00	.2050-01	.2435-01	.2688-01	19.34	.3963	.3682	558.4	.5676-03
180	.20490	307.00	464.00	.1943-01	.2309-01	.2549-01	19.32	.3754	.3688	559.3	.5383-03
180	.20490	310.50	463.00	.1850-01	.2198-01	.2426-01	19.33	.3577	.3683	558.5	.5123-03
180	.20490	313.50	462.00	.1731-01	.2056-01	.2270-01	19.33	.3345	.3685	558.8	.4794-03
180	.20490	317.00	461.00	.1524-01	.1811-01	.1999-01	19.33	.2945	.3685	558.8	.4221-03
180	.20490	320.00	460.00	.1419-01	.1686-01	.1861-01	19.33	.2743	.3685	558.8	.3931-03
180	.20490	322.00	459.00	.1289-01	.1532-01	.1691-01	19.32	.2491	.3688	559.2	.3571-03
180	.20490	326.00	458.00	.1278-01	.1519-01	.1677-01	19.33	.2471	.3686	558.9	.3541-03
180	.20490	330.00	457.00	.1216-01	.1445-01	.1595-01	19.32	.2348	.3689	559.4	.3368-03
180	.20490	338.00	455.00	.1015-01	.1206-01	.1332-01	19.31	.1960	.3691	559.7	.2812-03
180	.20490	346.00	453.00	.8206-02	.9753-02	.1077-01	19.30	.1584	.3694	560.2	.2273-03
180	.20490	355.00	451.00	.6985-02	.8302-02	.9167-02	19.28	.1347	.3700	561.0	.1935-03

OH105-B 83-0 PILOT RT(X-SECT) (R3R402)

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
181	.0000	.0000	7.300	1.988	468.5	1504.	370.6	.8409-01	132.5	.5326-04	4118.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
181	.0000	.1185

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
181	.27000-01	273.00	436.00	.1503	.1778	.1957	28.39	4.267	.3533	545.7	.2984-02
181	.27000-01	287.50	434.00	.2003	.2370	.2609	28.35	5.680	.3541	547.0	.3979-02
181	.27000-01	303.00	432.00	.1966	.2325	.2560	28.36	5.575	.3539	546.7	.3903-02
181	.27000-01	320.00	430.00	.1398	.1654	.1820	28.37	3.966	.3537	546.2	.2776-02
181	.27000-01	335.00	428.00	.9974-01	.1180	.1299	28.38	2.831	.3535	545.9	.1980-02
181	.27000-01	350.00	426.00	.8997-01	.1064	.1171	28.42	2.557	.3527	544.7	.1786-02
181	.50000-01	289.00	448.00	.1198	.1417	.1559	28.43	3.406	.3524	544.3	.2378-02
181	.50000-01	300.00	446.00	.1046	.1237	.1362	28.45	2.977	.3520	543.6	.2077-02
181	.50000-01	311.00	444.00	.8600-01	.1017	.1119	28.47	2.448	.3516	543.1	.1707-02
181	.50000-01	321.50	442.00	.7249-01	.8571-01	.9430-01	28.48	2.065	.3514	542.7	.1439-02
181	.50000-01	334.00	440.00	.5723-01	.6765-01	.7443-01	28.49	1.631	.3511	542.3	.1136-02
181	.50000-01	347.00	438.00	.5288-01	.6250-01	.6877-01	28.50	1.507	.3509	542.0	.1049-02
181	.20490	273.00	476.00	.2130-01	.2519-01	.2773-01	28.41	.6051	.3529	545.1	.4229-03
181	.20490	275.50	475.00	.2058-01	.2434-01	.2679-01	28.40	.5846	.3530	545.2	.4086-03
181	.20490	278.00	474.00	.1961-01	.2319-01	.2553-01	28.41	.5571	.3528	545.0	.3893-03
181	.20490	284.00	473.00	.2724-01	.3221-01	.3545-01	28.43	.7745	.3523	544.2	.5407-03
181	.20490	287.00	472.00	.2789-01	.3298-01	.3629-01	28.44	.7932	.3521	543.8	.5536-03
181	.20490	290.00	471.00	.3097-01	.3661-01	.4029-01	28.47	.8815	.3516	543.1	.6146-03
181	.20490	292.00	470.00	.2583-01	.3054-01	.3360-01	28.47	.7353	.3516	543.1	.5126-03
181	.20490	295.00	469.00	.2786-01	.3294-01	.3624-01	28.50	.7940	.3510	542.1	.5529-03
181	.20490	300.50	467.00	.2245-01	.2653-01	.2919-01	28.51	.6399	.3508	541.8	.4454-03

OH105-B 83-0 PILOT RT(X-SECT) (R3R402)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
181	.20490	303.00	466.00	.2115-01	.2500-01	.2750-01	28.50	.6028	.3508	541.8	.4196-03
181	.20490	305.00	465.00	.1941-01	.2295-01	.2524-01	28.51	.5533	.3508	541.8	.3852-03
181	.20490	307.00	464.00	.1741-01	.2058-01	.2265-01	28.48	.4958	.3514	542.8	.3455-03
181	.20490	310.50	463.00	.1803-01	.2131-01	.2344-01	28.51	.5139	.3507	541.7	.3578-03
181	.20490	313.50	462.00	.1706-01	.2017-01	.2219-01	28.51	.4864	.3507	541.7	.3386-03
181	.20490	317.00	461.00	.1560-01	.1844-01	.2029-01	28.51	.4448	.3508	541.8	.3096-03
181	.20490	320.00	460.00	.1362-01	.1610-01	.1771-01	28.51	.3882	.3507	541.7	.2702-03
181	.20490	322.00	459.00	.1410-01	.1667-01	.1834-01	28.49	.4019	.3510	542.2	.2799-03
181	.20490	326.00	458.00	.1205-01	.1425-01	.1567-01	28.50	.3435	.3508	541.9	.2392-03
181	.20490	330.00	457.00	.1103-01	.1304-01	.1434-01	28.49	.3141	.3511	542.4	.2188-03
181	.20490	338.00	455.00	.9950-02	.1176-01	.1294-01	28.48	.2834	.3513	542.7	.1975-03
181	.20490	346.00	453.00	.7630-02	.9022-02	.9927-02	28.46	.2171	.3518	543.4	.1514-03
181	.20490	355.00	451.00	.6117-02	.7234-02	.7961-02	28.43	.1739	.3524	544.3	.1214-03

OH105-B 83-0 PILOT RT(X-SECT) (R3R403)

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
182	.0000	.0000	7.300	2.971	700.7	1505.	370.8	.1258	132.6	.7962-04	4120.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
182	.0000	.1449

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
182	.27000-01	273.00	436.00	.1527	.1804	.1985	34.93	5.332	.3500	540.9	.2478-02
182	.27000-01	287.50	434.00	.2030	.2399	.2640	34.88	7.080	.3508	542.1	.3294-02
182	.27000-01	303.00	432.00	.1994	.2357	.2593	34.86	6.951	.3511	542.6	.3236-02
182	.27000-01	320.00	430.00	.1367	.1616	.1778	34.85	4.765	.3514	543.0	.2219-02
182	.27000-01	335.00	428.00	.1010	.1194	.1314	34.86	3.521	.3512	542.7	.1639-02
182	.27000-01	350.00	426.00	.8976-01	.1061	.1167	34.88	3.130	.3509	542.3	.1457-02
182	.50000-01	289.00	448.00	.1215	.1436	.1580	34.90	4.239	.3506	541.8	.1971-02
182	.50000-01	300.00	446.00	.1058	.1251	.1376	34.90	3.693	.3505	541.6	.1717-02
182	.50000-01	311.00	444.00	.8691-01	.1027	.1130	34.91	3.034	.3502	541.3	.1410-02
182	.50000-01	321.50	442.00	.7324-01	.8656-01	.9521-01	34.92	2.557	.3502	541.1	.1189-02
182	.50000-01	334.00	440.00	.5781-01	.6832-01	.7515-01	34.92	2.019	.3501	541.1	.9381-03
182	.50000-01	347.00	438.00	.5396-01	.6377-01	.7015-01	34.91	1.884	.3502	541.3	.8757-03
182	.20490	273.00	476.00	.1969-01	.2328-01	.2562-01	34.86	.6865	.3512	542.8	.3197-03
182	.20490	275.50	475.00	.1924-01	.2275-01	.2503-01	34.84	.6703	.3515	543.3	.3123-03
182	.20490	278.00	474.00	.1957-01	.2313-01	.2546-01	34.84	.6817	.3516	543.3	.3176-03
182	.20490	284.00	473.00	.2912-01	.3443-01	.3789-01	34.82	1.014	.3519	543.8	.4729-03
182	.20490	287.00	472.00	.2857-01	.3377-01	.3716-01	34.84	.9953	.3515	543.2	.4637-03
182	.20490	290.00	471.00	.2988-01	.3532-01	.3886-01	34.88	1.042	.3508	542.2	.4850-03
182	.20490	292.00	470.00	.2549-01	.3013-01	.3314-01	34.89	.8891	.3507	542.0	.4137-03
182	.20490	295.00	469.00	.2827-01	.3341-01	.3676-01	34.89	.9862	.3507	541.9	.4588-03
182	.20490	300.50	467.00	.2224-01	.2628-01	.2891-01	34.90	.7761	.3505	541.6	.3609-03

OH105-B 83-0 PILOT RT(X-SECT) (R3R403)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
182	.20490	303.00	466.00	.2095-01	.2476-01	.2724-01	34.91	.7315	.3503	541.3	.3400-03
182	.20490	305.00	465.00	.1955-01	.2311-01	.2542-01	34.92	.6828	.3501	541.0	.3173-03
182	.20490	307.00	464.00	.1864-01	.2203-01	.2424-01	34.87	.6500	.3510	542.4	.3026-03
182	.20490	310.50	463.00	.1712-01	.2023-01	.2226-01	34.91	.5976	.3503	541.3	.2778-03
182	.20490	313.50	462.00	.1589-01	.1878-01	.2066-01	34.91	.5548	.3503	541.4	.2579-03
182	.20490	317.00	461.00	.1409-01	.1665-01	.1831-01	34.91	.4918	.3503	541.3	.2286-03
182	.20490	320.00	460.00	.1336-01	.1579-01	.1737-01	34.92	.4664	.3502	541.2	.2168-03
182	.20490	322.00	459.00	.1225-01	.1448-01	.1593-01	34.90	.4276	.3504	541.6	.1988-03
182	.20490	326.00	458.00	.1204-01	.1422-01	.1565-01	34.92	.4202	.3502	541.2	.1953-03
182	.20490	330.00	457.00	.1160-01	.1372-01	.1509-01	34.90	.4050	.3505	541.7	.1883-03
182	.20490	338.00	455.00	.1045-01	.1236-01	.1359-01	34.89	.3647	.3507	541.9	.1697-03
182	.20490	346.00	453.00	.8206-02	.9701-02	.1067-01	34.87	.2862	.3510	542.4	.1332-03
182	.20490	355.00	451.00	.6172-02	.7297-02	.8028-02	34.85	.2151	.3513	543.0	.1002-03

OH105-B 83-0 PILOT RT(X-SECT) (R3R404)

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
183	.0000	.0000	7.300	3.655	865.7	1509.	371.8	.1553	132.9	.9808-04	4125.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
183	.0000	.1611

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
183	.27000-01	273.00	436.00	.1557	.1840	.2024	38.94	6.063	.3498	542.1	.2277-02
183	.27000-01	287.50	434.00	.2062	.2437	.2681	38.89	8.019	.3507	543.4	.3016-02
183	.27000-01	303.00	432.00	.1998	.2362	.2599	38.89	7.773	.3506	543.2	.2923-02
183	.27000-01	320.00	430.00	.1400	.1655	.1821	38.91	5.448	.3504	542.9	.2048-02
183	.27000-01	335.00	428.00	.1001	.1184	.1302	38.89	3.895	.3506	543.2	.1465-02
183	.27000-01	350.00	426.00	.8925-01	.1055	.1160	38.92	3.473	.3502	542.7	.1305-02
183	.50000-01	289.00	448.00	.1221	.1442	.1587	38.93	4.752	.3499	542.2	.1785-02
183	.50000-01	300.00	446.00	.1052	.1243	.1367	38.95	4.095	.3497	541.9	.1538-02
183	.50000-01	311.00	444.00	.8651-01	.1022	.1124	38.97	3.371	.3494	541.4	.1265-02
183	.50000-01	321.50	442.00	.7291-01	.8615-01	.9475-01	38.97	2.842	.3493	541.2	.1066-02
183	.50000-01	334.00	440.00	.5740-01	.6782-01	.7459-01	38.98	2.238	.3492	541.1	.8393-03
183	.50000-01	347.00	438.00	.5344-01	.6315-01	.6946-01	38.97	2.083	.3493	541.3	.7815-03
183	.20490	273.00	476.00	.2227-01	.2632-01	.2896-01	38.88	.8658	.3507	543.5	.3257-03
183	.20490	275.50	475.00	.2097-01	.2479-01	.2727-01	38.87	.8151	.3509	543.7	.3067-03
183	.20490	278.00	474.00	.2029-01	.2398-01	.2638-01	38.87	.7886	.3509	543.7	.2968-03
183	.20490	284.00	473.00	.2770-01	.3274-01	.3601-01	38.89	1.077	.3506	543.2	.4051-03
183	.20490	287.00	472.00	.2753-01	.3254-01	.3580-01	38.91	1.071	.3504	542.9	.4027-03
183	.20490	290.00	471.00	.3017-01	.3565-01	.3921-01	38.93	1.175	.3499	542.2	.4412-03
183	.20490	292.00	470.00	.2594-01	.3066-01	.3373-01	38.94	1.010	.3498	542.2	.3794-03
183	.20490	295.00	469.00	.2841-01	.3357-01	.3692-01	38.97	1.107	.3494	541.4	.4154-03
183	.20490	300.50	467.00	.2236-01	.2642-01	.2905-01	38.99	.8717	.3491	540.9	.3269-03

OH105-B 83-0 PILOT RT(X-SECT) (R3R404)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
183	.20490	303.00	466.00	.2105-01	.2487-01	.2735-01	38.99	.8208	.3490	540.9	.3078-03
183	.20490	305.00	465.00	.1937-01	.2289-01	.2517-01	38.99	.7553	.3490	540.8	.2832-03
183	.20490	307.00	464.00	.1782-01	.2106-01	.2316-01	38.95	.6941	.3496	541.7	.2606-03
183	.20490	310.50	463.00	.1764-01	.2084-01	.2292-01	38.98	.6875	.3492	541.1	.2579-03
183	.20490	313.50	462.00	.1711-01	.2021-01	.2223-01	39.00	.6671	.3489	540.7	.2501-03
183	.20490	317.00	461.00	.1569-01	.1854-01	.2039-01	38.99	.6118	.3490	540.6	.2294-03
183	.20490	320.00	460.00	.1378-01	.1628-01	.1791-01	38.99	.5374	.3490	540.8	.2015-03
183	.20490	322.00	459.00	.1362-01	.1610-01	.1771-01	38.98	.5311	.3492	541.1	.1992-03
183	.20490	326.00	458.00	.1188-01	.1404-01	.1544-01	38.99	.4632	.3491	540.9	.1737-03
183	.20490	330.00	457.00	.1160-01	.1371-01	.1508-01	38.97	.4521	.3494	541.4	.1696-03
183	.20490	338.00	455.00	.1002-01	.1184-01	.1303-01	38.96	.3905	.3495	541.7	.1466-03
183	.20490	346.00	453.00	.8070-02	.9538-02	.1049-01	38.93	.3142	.3499	542.2	.1180-03
183	.20490	355.00	451.00	.6222-02	.7354-02	.8090-02	38.91	.2421	.3504	543.0	.9100-04

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
179	5.000	.0000	7.300	1.021	237.4	1492.	367.5	.4264-01	131.4	.2724-04	4101.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
179	.0000	.8431-01

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
179	.27000-01	273.00	436.00	.1562	.1853	.2044	19.72	3.081	.3630	555.9	.4344-02
179	.27000-01	287.50	434.00	.2218	.2632	.2903	19.70	4.370	.3636	556.8	.6170-02
179	.27000-01	303.00	432.00	.2336	.2772	.3057	19.70	4.602	.3637	556.9	.6497-02
179	.27000-01	320.00	430.00	.1697	.2014	.2221	19.70	3.344	.3635	556.7	.4720-02
179	.27000-01	335.00	428.00	.1265	.1502	.1657	19.66	2.489	.3647	558.5	.3520-02
179	.27000-01	350.00	426.00	.1149	.1364	.1504	19.66	2.259	.3649	558.8	.3197-02
179	.50000-01	289.00	448.00	.1383	.1641	.1809	19.71	2.726	.3634	556.6	.3846-02
179	.50000-01	300.00	446.00	.1289	.1530	.1687	19.70	2.540	.3637	556.9	.3586-02
179	.50000-01	311.00	444.00	.1104	.1310	.1444	19.70	2.174	.3636	556.9	.3070-02
179	.50000-01	321.50	442.00	.9518-01	.1129	.1246	19.69	1.874	.3639	557.3	.2647-02
179	.50000-01	334.00	440.00	.7617-01	.9039-01	.9969-01	19.68	1.499	.3641	557.7	.2119-02
179	.50000-01	347.00	438.00	.7223-01	.8572-01	.9455-01	19.67	1.420	.3646	558.4	.2009-02
179	.20490	273.00	476.00	.2775-01	.3293-01	.3632-01	19.69	.5464	.3639	557.3	.7718-03
179	.20490	275.50	475.00	.2948-01	.3497-01	.3857-01	19.69	.5803	.3640	557.5	.8198-03
179	.20490	278.00	474.00	.3090-01	.3667-01	.4044-01	19.69	.6084	.3640	557.5	.8595-03
179	.20490	284.00	473.00	.4532-01	.5378-01	.5931-01	19.69	.8924	.3639	557.4	.1261-02
179	.20490	287.00	472.00	.4691-01	.5566-01	.6138-01	19.69	.9235	.3640	557.4	.1305-02
179	.20490	290.00	471.00	.4889-01	.5801-01	.6397-01	19.69	.9627	.3639	557.2	.1360-02
179	.20490	292.00	470.00	.4187-01	.4968-01	.5479-01	19.68	.8241	.3641	557.6	.1164-02
179	.20490	295.00	469.00	.4362-01	.5176-01	.5708-01	19.70	.8598	.3636	556.9	.1213-02
179	.20490	300.50	467.00	.3700-01	.4390-01	.4841-01	19.70	.7290	.3636	556.8	.1029-02

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105-B 83-0 PILOT RT(X-SECT)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
179	.20490	303.00	466.00	.3527-01	.4185-01	.4615-01	19.69	.6945	.3638	557.2	.9809-03
179	.20490	305.00	465.00	.3371-01	.4000-01	.4412-01	19.69	.6637	.3640	557.5	.9377-03
179	.20490	307.00	464.00	.2951-01	.3502-01	.3863-01	19.67	.5804	.3647	558.5	.8209-03
179	.20490	310.50	463.00	.2829-01	.3355-01	.3701-01	19.68	.5566	.3641	557.7	.7865-03
179	.20490	313.50	462.00	.2709-01	.3214-01	.3545-01	19.69	.5333	.3640	557.4	.7534-03
179	.20490	317.00	461.00	.2483-01	.2954-01	.3258-01	19.68	.4899	.3642	557.7	.6923-03
179	.20490	320.00	460.00	.2296-01	.2724-01	.3004-01	19.68	.4518	.3642	557.8	.6385-03
179	.20490	322.00	459.00	.2206-01	.2618-01	.2887-01	19.67	.4340	.3644	558.1	.6135-03
179	.20490	326.00	458.00	.1907-01	.2264-01	.2497-01	19.67	.3752	.3645	558.2	.5305-03
179	.20490	330.00	457.00	.1774-01	.2106-01	.2323-01	19.66	.3488	.3648	558.7	.4936-03
179	.20490	338.00	455.00	.1544-01	.1832-01	.2021-01	19.66	.3034	.3650	559.0	.4295-03
179	.20490	346.00	453.00	.1285-01	.1526-01	.1683-01	19.64	.2524	.3655	559.7	.3576-03
179	.20490	355.00	451.00	.1181-01	.1402-01	.1547-01	19.62	.2317	.3661	560.6	.3286-03

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
178	5.000	.0000	7.300	2.075	467.7	1465.	360.4	.8418-01	128.8	.5483-04	4061.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
178	.0000	.1182

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
178	.27000-01	273.00	436.00	.1547	.1841	.2035	26.67	4.127	.3736	561.2	.3036-02
178	.27000-01	287.50	434.00	.2195	.2613	.2887	26.63	5.846	.3744	562.3	.4307-02
178	.27000-01	303.00	432.00	.2364	.2814	.3111	26.61	6.292	.3748	562.9	.4640-02
178	.27000-01	320.00	430.00	.1732	.2062	.2280	26.58	4.605	.3755	563.9	.3400-02
178	.27000-01	335.00	428.00	.1283	.1527	.1687	26.62	3.414	.3748	562.9	.2517-02
178	.27000-01	350.00	426.00	.1164	.1386	.1532	26.62	3.099	.3747	562.8	.2285-02
178	.50000-01	289.00	448.00	.1386	.1650	.1823	26.66	3.696	.3738	561.5	.2720-02
178	.50000-01	300.00	446.00	.1292	.1537	.1698	26.67	3.444	.3736	561.2	.2534-02
178	.50000-01	311.00	444.00	.1117	.1329	.1468	26.67	2.978	.3735	561.1	.2191-02
178	.50000-01	321.50	442.00	.9509-01	.1131	.1250	26.67	2.536	.3735	561.0	.1866-02
178	.50000-01	334.00	440.00	.7622-01	.9069-01	.1002	26.67	2.033	.3735	561.0	.1495-02
178	.50000-01	347.00	438.00	.7220-01	.8592-01	.9493-01	26.66	1.925	.3737	561.4	.1417-02
178	.20490	273.00	476.00	.2432-01	.2894-01	.3198-01	26.69	.6491	.3731	560.5	.4772-03
178	.20490	275.50	475.00	.2716-01	.3232-01	.3571-01	26.68	.7247	.3733	560.7	.5329-03
178	.20490	278.00	474.00	.3056-01	.3636-01	.4017-01	26.68	.8153	.3733	560.7	.5995-03
178	.20490	284.00	473.00	.4868-01	.5792-01	.6400-01	26.67	1.298	.3735	561.0	.9550-03
178	.20490	287.00	472.00	.4841-01	.5760-01	.6364-01	26.69	1.292	.3731	560.5	.9497-03
178	.20490	290.00	471.00	.5000-01	.5948-01	.6571-01	26.72	1.336	.3725	559.4	.9808-03
178	.20490	292.00	470.00	.4067-01	.4838-01	.5345-01	26.71	1.086	.3726	559.6	.7977-03
178	.20490	295.00	469.00	.4683-01	.5571-01	.6154-01	26.71	1.251	.3726	559.6	.9186-03
178	.20490	300.50	467.00	.3853-01	.4583-01	.5063-01	26.72	1.029	.3724	559.4	.7557-03

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105-B 83-0 PILOT RT(X-SECT)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
178	.20490	303.00	466.00	.3614-01	.4298-01	.4748-01	26.72	.9657	.3723	559.2	.7087-03
178	.20490	305.00	465.00	.3280-01	.3901-01	.4309-01	26.73	.8769	.3721	558.9	.6433-03
178	.20490	307.00	464.00	.3006-01	.3576-01	.3951-01	26.71	.8029	.3727	559.8	.5897-03
178	.20490	310.50	463.00	.2733-01	.3251-01	.3591-01	26.73	.7305	.3722	559.0	.5360-03
178	.20490	313.50	462.00	.2714-01	.3228-01	.3566-01	26.72	.7251	.3724	559.4	.5322-03
178	.20490	317.00	461.00	.2432-01	.2893-01	.3196-01	26.72	.6499	.3724	559.4	.4771-03
178	.20490	320.00	460.00	.2232-01	.2656-01	.2934-01	26.72	.5965	.3724	559.3	.4379-03
178	.20490	322.00	459.00	.2095-01	.2493-01	.2754-01	26.71	.5595	.3727	559.8	.4110-03
178	.20490	326.00	458.00	.1933-01	.2300-01	.2541-01	26.72	.5166	.3724	559.4	.3792-03
178	.20490	330.00	457.00	.1768-01	.2103-01	.2323-01	26.71	.4720	.3727	559.8	.3467-03
178	.20490	338.00	455.00	.1582-01	.1882-01	.2079-01	26.69	.4223	.3730	560.2	.3103-03
178	.20490	346.00	453.00	.1297-01	.1544-01	.1706-01	26.68	.3461	.3734	560.8	.2545-03
178	.20490	355.00	451.00	.1080-01	.1285-01	.1420-01	26.65	.2879	.3739	561.6	.2119-03

OH105-B 83-0 PILOT RT(X-SECT) (R3R407)

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = 5.000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
177	5.000	.0000	7.300	3.093	702.0	1471.	362.0	.1263	129.4	.8190-04	4070.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
177	.0000	.1449

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
177	.27000-01	273.00	436.00	.1584	.1883	.2080	32.95	5.219	.3712	560.0	.2542-02
177	.27000-01	287.50	434.00	.2190	.2605	.2877	32.91	7.207	.3719	561.1	.3515-02
177	.27000-01	303.00	432.00	.2347	.2791	.3083	32.92	7.724	.3718	561.0	.3767-02
177	.27000-01	320.00	430.00	.1740	.2069	.2286	32.91	5.726	.3719	561.0	.2793-02
177	.27000-01	335.00	428.00	.1278	.1520	.1680	32.90	4.206	.3721	561.4	.2052-02
177	.27000-01	350.00	426.00	.1155	.1374	.1518	32.88	3.799	.3726	562.1	.1855-02
177	.50000-01	289.00	448.00	.1367	.1625	.1795	32.93	4.500	.3716	560.6	.2193-02
177	.50000-01	300.00	446.00	.1280	.1522	.1681	32.93	4.214	.3716	560.7	.2054-02
177	.50000-01	311.00	444.00	.1104	.1313	.1450	32.93	3.635	.3715	560.5	.1772-02
177	.50000-01	321.50	442.00	.9489-01	.1129	.1246	32.93	3.125	.3716	560.6	.1523-02
177	.50000-01	334.00	440.00	.7542-01	.8970-01	.9907-01	32.92	2.483	.3717	560.8	.1211-02
177	.50000-01	347.00	438.00	.7139-01	.8491-01	.9380-01	32.90	2.349	.3722	561.5	.1146-02
177	.20490	273.00	476.00	.2741-01	.3260-01	.3601-01	32.90	.9016	.3722	561.5	.4399-03
177	.20490	275.50	475.00	.2907-01	.3457-01	.3819-01	32.89	.9561	.3723	561.6	.4668-03
177	.20490	278.00	474.00	.3067-01	.3648-01	.4030-01	32.90	1.009	.3722	561.5	.4923-03
177	.20490	284.00	473.00	.4671-01	.5556-01	.6137-01	32.90	1.537	.3722	561.5	.7498-03
177	.20490	287.00	472.00	.4710-01	.5603-01	.6189-01	32.89	1.550	.3722	561.6	.7562-03
177	.20490	290.00	471.00	.4984-01	.5928-01	.6548-01	32.90	1.640	.3721	561.4	.8000-03
177	.20490	292.00	470.00	.4152-01	.4939-01	.5456-01	32.90	1.366	.3722	561.5	.6666-03
177	.20490	295.00	469.00	.4507-01	.5360-01	.5921-01	32.92	1.484	.3717	560.8	.7235-03
177	.20490	300.50	467.00	.3779-01	.4494-01	.4964-01	32.92	1.244	.3717	560.8	.6065-03

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105-B 83-0 PILOT RT(X-SECT)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
177	.20490	303.00	466.00	.3586-01	.4264-01	.4710-01	32.92	1.180	.3717	560.8	.5755-03
177	.20490	305.00	465.00	.3279-01	.3900-01	.4307-01	32.92	1.079	.3717	560.8	.5263-03
177	.20490	307.00	464.00	.2961-01	.3522-01	.3891-01	32.90	.9742	.3721	561.5	.4754-03
177	.20490	310.50	463.00	.2941-01	.3498-01	.3864-01	32.91	.9680	.3719	561.1	.4721-03
177	.20490	313.50	462.00	.2768-01	.3292-01	.3636-01	32.92	.9111	.3718	561.0	.4443-03
177	.20490	317.00	461.00	.2517-01	.2993-01	.3306-01	32.91	.8283	.3719	561.1	.4040-03
177	.20490	320.00	460.00	.2271-01	.2701-01	.2983-01	32.91	.7475	.3719	561.0	.3645-03
177	.20490	322.00	459.00	.2244-01	.2669-01	.2948-01	32.90	.7384	.3721	561.4	.3602-03
177	.20490	326.00	458.00	.1896-01	.2255-01	.2490-01	32.91	.6239	.3719	561.0	.3043-03
177	.20490	330.00	457.00	.1764-01	.2098-01	.2317-01	32.90	.5802	.3722	561.5	.2831-03
177	.20490	338.00	455.00	.1555-01	.1850-01	.2043-01	32.89	.5115	.3723	561.7	.2496-03
177	.20490	346.00	453.00	.1266-01	.1506-01	.1664-01	32.87	.4163	.3726	562.1	.2033-03
177	.20490	355.00	451.00	.1055-01	.1255-01	.1387-01	32.85	.3466	.3730	562.8	.1694-03

OH105-B 83-0 PILOT RT(X-SECT)

(R3R409)

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
175	10.00	.0000	7.300	2.048	466.3	1474.	362.7	.8388-01	129.6	.5429-04	4074.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
175	.0000	.1181

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
175	.27000-01	273.00	436.00	.1562	.1859	.2054	26.82	4.190	.3732	564.0	.3081-02
175	.27000-01	287.50	434.00	.2289	.2724	.3010	26.79	6.132	.3737	564.9	.4515-02
175	.27000-01	303.00	432.00	.2627	.3126	.3454	26.80	7.040	.3735	564.6	.5181-02
175	.27000-01	320.00	430.00	.2038	.2425	.2680	26.81	5.464	.3734	564.4	.4020-02
175	.27000-01	335.00	428.00	.1546	.1839	.2032	26.80	4.143	.3735	564.5	.3048-02
175	.27000-01	350.00	426.00	.1415	.1684	.1860	26.81	3.794	.3733	564.3	.2791-02
175	.50000-01	289.00	448.00	.1487	.1769	.1954	26.84	3.991	.3727	563.3	.2933-02
175	.50000-01	300.00	446.00	.1511	.1797	.1986	26.84	4.055	.3726	563.2	.2979-02
175	.50000-01	311.00	444.00	.1383	.1645	.1817	26.85	3.713	.3724	562.9	.2727-02
175	.50000-01	321.50	442.00	.1211	.1441	.1592	26.85	3.253	.3723	562.8	.2389-02
175	.50000-01	334.00	440.00	.9957-01	.1184	.1308	26.86	2.674	.3723	562.6	.1963-02
175	.50000-01	347.00	438.00	.9540-01	.1135	.1254	26.85	2.562	.3723	562.8	.1881-02
175	.20490	273.00	476.00	.3629-01	.4317-01	.4768-01	26.86	.9749	.3721	562.5	.7156-03
175	.20490	275.50	475.00	.3609-01	.4293-01	.4743-01	26.86	.9694	.3723	562.6	.7117-03
175	.20490	278.00	474.00	.3558-01	.4232-01	.4675-01	26.86	.9558	.3721	562.4	.7016-03
175	.20490	284.00	473.00	.5393-01	.6415-01	.7085-01	26.88	1.450	.3719	562.0	.1063-02
175	.20490	287.00	472.00	.5842-01	.6948-01	.7674-01	26.88	1.570	.3718	561.9	.1152-02
175	.20490	290.00	471.00	.6338-01	.7538-01	.8325-01	26.89	1.705	.3716	561.4	.1250-02
175	.20490	292.00	470.00	.5454-01	.6487-01	.7165-01	26.88	1.466	.3717	561.8	.1075-02
175	.20490	295.00	469.00	.6266-01	.7451-01	.8230-01	26.90	1.686	.3713	561.1	.1235-02
175	.20490	300.50	467.00	.5444-01	.6474-01	.7150-01	26.91	1.465	.3711	561.0	.1073-02

OH105-B 83-0 PILOT RT(X-SECT) (R3R409)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
175	.20490	303.00	466.00	.5197-01	.6179-01	.6825-01	26.91	1.398	.3712	561.0	.1024-02
175	.20490	305.00	465.00	.4819-01	.5730-01	.6329-01	26.90	1.296	.3713	561.2	.9500-03
175	.20490	307.00	464.00	.4308-01	.5123-01	.5659-01	26.89	1.158	.3715	561.5	.8493-03
175	.20490	310.50	463.00	.4046-01	.4811-01	.5314-01	26.90	1.089	.3712	561.1	.7976-03
175	.20490	313.50	462.00	.4042-01	.4806-01	.5308-01	26.91	1.088	.3711	560.9	.7968-03
175	.20490	317.00	461.00	.3753-01	.4463-01	.4929-01	26.91	1.010	.3712	561.0	.7398-03
175	.20490	320.00	460.00	.3366-01	.4002-01	.4420-01	26.91	.9057	.3711	560.9	.6635-03
175	.20490	322.00	459.00	.3285-01	.3907-01	.4315-01	26.90	.8836	.3714	561.3	.6477-03
175	.20490	326.00	458.00	.2858-01	.3399-01	.3754-01	26.90	.7691	.3712	561.1	.5635-03
175	.20490	330.00	457.00	.2694-01	.3203-01	.3538-01	26.89	.7244	.3715	561.4	.5311-03
175	.20490	338.00	455.00	.2321-01	.2760-01	.3049-01	26.89	.6241	.3715	561.6	.4576-03
175	.20490	346.00	453.00	.1935-01	.2301-01	.2542-01	26.88	.5201	.3718	561.9	.3815-03
175	.20490	355.00	451.00	.1789-01	.2128-01	.2351-01	26.87	.4807	.3720	562.3	.3528-03

OH105-B 83-0 PILOT RT(X-SECT)

(R3R*10)

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
174	10.00	.0000	7.300	3.706	867.0	1498.	369.0	.1557	131.9	.9906-04	4109.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
174	.0000	.1612

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
174	.27000-01	273.00	436.00	.1600	.1900	.2096	37.71	6.035	.3652	561.6	.2335-02
174	.27000-01	287.50	434.00	.2351	.2791	.3079	37.66	8.853	.3660	562.8	.3431-02
174	.27000-01	303.00	432.00	.2735	.3247	.3582	37.66	10.30	.3660	562.8	.3991-02
174	.27000-01	320.00	430.00	.2088	.2479	.2735	37.67	7.863	.3659	562.7	.3047-02
174	.27000-01	335.00	428.00	.1618	.1920	.2118	37.71	6.100	.3652	561.6	.2361-02
174	.27000-01	350.00	426.00	.1478	.1755	.1935	37.73	5.577	.3650	561.2	.2157-02
174	.50000-01	289.00	448.00	.1534	.1821	.2008	37.74	5.790	.3647	560.8	.2238-02
174	.50000-01	300.00	446.00	.1567	.1860	.2051	37.77	5.920	.3642	560.0	.2286-02
174	.50000-01	311.00	444.00	.1449	.1720	.1896	37.78	5.475	.3640	559.8	.2114-02
174	.50000-01	321.50	442.00	.1267	.1504	.1659	37.80	4.791	.3638	559.4	.1849-02
174	.50000-01	334.00	440.00	.1046	.1241	.1368	37.81	3.955	.3636	559.1	.1526-02
174	.50000-01	347.00	438.00	.1005	.1192	.1315	37.81	3.801	.3635	559.0	.1466-02
174	.20490	273.00	476.00	.3531-01	.4190-01	.4621-01	37.78	1.334	.3641	559.8	.5152-03
174	.20490	275.50	475.00	.3581-01	.4250-01	.4687-01	37.77	1.353	.3642	560.0	.5225-03
174	.20490	278.00	474.00	.3611-01	.4285-01	.4726-01	37.78	1.364	.3641	559.9	.5268-03
174	.20490	284.00	473.00	.5716-01	.6783-01	.7481-01	37.79	2.160	.3640	559.7	.8339-03
174	.20490	287.00	472.00	.6094-01	.7230-01	.7974-01	37.80	2.304	.3637	559.2	.8890-03
174	.20490	290.00	471.00	.6451-01	.7653-01	.8439-01	37.84	2.441	.3631	558.4	.9410-03
174	.20490	292.00	470.00	.5577-01	.6616-01	.7295-01	37.85	2.111	.3630	558.2	.8135-03
174	.20490	295.00	469.00	.6380-01	.7567-01	.8344-01	37.86	2.415	.3628	557.8	.9305-03
174	.20490	300.50	467.00	.5600-01	.6641-01	.7322-01	37.88	2.121	.3625	557.4	.8166-03

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105-B 83-0 PILOT RT(X-SECT)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
174	.20490	303.00	466.00	.5324-01	.6315-01	.6962-01	37.89	2.017	.3623	557.1	.7765-03
174	.20490	305.00	465.00	.4942-01	.5861-01	.6461-01	37.90	1.873	.3621	556.8	.7206-03
174	.20490	307.00	464.00	.4515-01	.5355-01	.5904-01	37.88	1.710	.3624	557.3	.6584-03
174	.20490	310.50	463.00	.4175-01	.4951-01	.5459-01	37.90	1.582	.3622	556.9	.6088-03
174	.20490	313.50	462.00	.4028-01	.4777-01	.5267-01	37.90	1.527	.3621	556.8	.5874-03
174	.20490	317.00	461.00	.3731-01	.4425-01	.4879-01	37.90	1.414	.3622	556.9	.5441-03
174	.20490	320.00	460.00	.3376-01	.4004-01	.4414-01	37.90	1.280	.3621	556.8	.4923-03
174	.20490	322.00	459.00	.3153-01	.3739-01	.4123-01	37.89	1.194	.3623	557.2	.4598-03
174	.20490	326.00	458.00	.2865-01	.3397-01	.3745-01	37.91	1.086	.3620	556.6	.4177-03
174	.20490	330.00	457.00	.2736-01	.3245-01	.3577-01	37.89	1.037	.3622	557.0	.3990-03
174	.20490	338.00	455.00	.2385-01	.2829-01	.3119-01	37.89	.9037	.3623	557.2	.3478-03
174	.20490	346.00	453.00	.1937-01	.2298-01	.2533-01	37.88	.7338	.3625	557.4	.2825-03
174	.20490	355.00	451.00	.1768-01	.2097-01	.2312-01	37.85	.6691	.3629	558.0	.2578-03

OH105-B 83-0 PILOT RT(X-SECT)

(R3R411)

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
173	15.00	.0000	7.300	2.057	469.2	1476.	363.1	.8438-01	129.8	.5455-04	4077.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
173	.0000	.1185

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
173	.27000-01	273.00	436.00	.1583	.1881	.2076	27.17	4.302	.3678	556.6	.3112-02
173	.27000-01	287.50	434.00	.2436	.2895	.3195	27.14	6.611	.3686	557.9	.4789-02
173	.27000-01	303.00	432.00	.2980	.3541	.3909	27.13	8.086	.3687	557.9	.5858-02
173	.27000-01	320.00	430.00	.2359	.2802	.3093	27.17	6.409	.3679	556.7	.4636-02
173	.27000-01	335.00	428.00	.1874	.2227	.2458	27.14	5.087	.3686	557.8	.3684-02
173	.27000-01	350.00	426.00	.1739	.2065	.2280	27.17	4.724	.3679	556.7	.3417-02
173	.50000-01	289.00	448.00	.1636	.1943	.2144	27.20	4.449	.3673	555.8	.3215-02
173	.50000-01	300.00	446.00	.1763	.2094	.2311	27.20	4.797	.3672	555.6	.3465-02
173	.50000-01	311.00	444.00	.1675	.1989	.2195	27.22	4.558	.3668	555.1	.3291-02
173	.50000-01	321.50	442.00	.1498	.1779	.1963	27.23	4.080	.3666	554.8	.2944-02
173	.50000-01	334.00	440.00	.1250	.1484	.1637	27.23	3.404	.3665	554.6	.2455-02
173	.50000-01	347.00	438.00	.1210	.1437	.1596	27.23	3.295	.3665	554.6	.2378-02
173	.20490	273.00	476.00	.3762-01	.4467-01	.4928-01	27.24	1.024	.3664	554.5	.7390-03
173	.20490	275.50	475.00	.3679-01	.4369-01	.4821-01	27.23	1.002	.3665	554.8	.7229-03
173	.20490	278.00	474.00	.3606-01	.4282-01	.4725-01	27.23	.9819	.3666	554.7	.7085-03
173	.20490	284.00	473.00	.5813-01	.6903-01	.7616-01	27.24	1.584	.3663	554.3	.1142-02
173	.20490	287.00	472.00	.6725-01	.7985-01	.8810-01	27.25	1.832	.3662	554.1	.1321-02
173	.20490	290.00	471.00	.7529-01	.8938-01	.9861-01	27.27	2.053	.3657	553.5	.1479-02
173	.20490	292.00	470.00	.6779-01	.8048-01	.8879-01	27.26	1.848	.3660	553.8	.1332-02
173	.20490	295.00	469.00	.7888-01	.9363-01	.1033	27.29	2.152	.3653	552.8	.1549-02
173	.20490	300.50	467.00	.7077-01	.8400-01	.9266-01	27.30	1.932	.3650	552.4	.1390-02

OH105-B 83-0 PILOT RT(X-SECT) (R3R411)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
173	.20490	303.00	466.00	.6851-01	.8132-01	.8970-01	27.30	1.870	.3651	552.5	.1346-02
173	.20490	305.00	465.00	.6519-01	.7738-01	.8536-01	27.29	1.779	.3653	552.7	.1281-02
173	.20490	307.00	464.00	.5922-01	.7030-01	.7756-01	27.28	1.615	.3655	553.1	.1163-02
173	.20490	310.50	463.00	.5537-01	.6573-01	.7251-01	27.29	1.511	.3653	552.8	.1088-02
173	.20490	313.50	462.00	.5315-01	.6309-01	.6959-01	27.31	1.451	.3648	552.1	.1044-02
173	.20490	317.00	461.00	.5022-01	.5961-01	.6576-01	27.30	1.371	.3651	552.5	.9864-03
173	.20490	320.00	460.00	.4548-01	.5398-01	.5954-01	27.30	1.241	.3651	552.5	.8932-03
173	.20490	322.00	459.00	.4369-01	.5186-01	.5721-01	27.29	1.192	.3652	552.7	.8582-03
173	.20490	326.00	458.00	.3979-01	.4723-01	.5210-01	27.29	1.086	.3652	552.7	.7815-03
173	.20490	330.00	457.00	.3749-01	.4451-01	.4910-01	27.28	1.023	.3654	553.0	.7364-03
173	.20490	338.00	455.00	.3256-01	.3865-01	.4264-01	27.28	.8880	.3655	553.1	.6395-03
173	.20490	346.00	453.00	.2832-01	.3352-01	.3710-01	27.27	.7723	.3657	553.4	.5564-03
173	.20490	355.00	451.00	.2754-01	.3270-01	.3608-01	27.26	.7507	.3659	553.8	.5410-03

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
172	15.00	.0000	7.300	3.694	866.2	1500.	369.5	.1555	132.1	.9882-04	4112.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
172	.0000	.1611

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
172	.27000-01	273.00	436.00	.1529	.1813	.1998	38.01	5.813	.3609	555.7	.2233-02
172	.27000-01	287.50	434.00	.2367	.2807	.3095	37.96	8.987	.3617	556.9	.3457-02
172	.27000-01	303.00	432.00	.2988	.3543	.3906	37.94	11.34	.3620	557.4	.4362-02
172	.27000-01	320.00	430.00	.2397	.2843	.3134	37.93	9.093	.3621	557.6	.3500-02
172	.27000-01	335.00	428.00	.1902	.2255	.2486	37.96	7.218	.3617	557.0	.2776-02
172	.27000-01	350.00	426.00	.1758	.2085	.2298	38.00	6.682	.3611	556.0	.2567-02
172	.50000-01	289.00	448.00	.1626	.1928	.2125	38.03	6.184	.3606	555.3	.2374-02
172	.50000-01	300.00	446.00	.1765	.2092	.2305	38.05	6.714	.3603	554.8	.2576-02
172	.50000-01	311.00	444.00	.1701	.2016	.2222	38.06	6.476	.3601	554.4	.2483-02
172	.50000-01	321.50	442.00	.1520	.1802	.1986	38.06	5.789	.3598	554.1	.2219-02
172	.50000-01	334.00	440.00	.1260	.1493	.1645	38.08	4.797	.3597	553.9	.1838-02
172	.50000-01	347.00	438.00	.1220	.1446	.1593	38.09	4.647	.3597	553.8	.1780-02
172	.20490	273.00	476.00	.3400-01	.4029-01	.4439-01	38.12	1.296	.3592	553.1	.4962-03
172	.20490	275.50	475.00	.3511-01	.4161-01	.4585-01	38.10	1.338	.3594	553.5	.5124-03
172	.20490	278.00	474.00	.3583-01	.4246-01	.4679-01	38.09	1.365	.3596	553.7	.5229-03
172	.20490	284.00	473.00	.6079-01	.7204-01	.7939-01	38.09	2.315	.3597	553.8	.8872-03
172	.20490	287.00	472.00	.6764-01	.8015-01	.8832-01	38.11	2.578	.3593	553.3	.9870-03
172	.20490	290.00	471.00	.7475-01	.8856-01	.9758-01	38.14	2.851	.3588	552.5	.1091-02
172	.20490	292.00	470.00	.6679-01	.7912-01	.8717-01	38.15	2.548	.3586	552.1	.9745-03
172	.20490	295.00	469.00	.7795-01	.9234-01	.1017	38.17	2.975	.3584	551.8	.1137-02
172	.20490	300.50	467.00	.7266-01	.8607-01	.9482-01	38.17	2.773	.3583	551.8	.1060-02

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105-B 83-0 PILOT RT(X-SECT)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
172	.20490	303.00	466.00	.6970-01	.8256-01	.9095-01	38.18	2.661	.3581	551.4	.1017-02
172	.20490	305.00	465.00	.6529-01	.7734-01	.8520-01	38.20	2.494	.3579	551.1	.9525-03
172	.20490	307.00	464.00	.5950-01	.7047-01	.7764-01	38.19	2.272	.3580	551.3	.8680-03
172	.20490	310.50	463.00	.5492-01	.6506-01	.7166-01	38.20	2.098	.3578	551.0	.8012-03
172	.20490	313.50	462.00	.5313-01	.6293-01	.6932-01	38.20	2.029	.3579	551.1	.7750-03
172	.20490	317.00	461.00	.4906-01	.5811-01	.6401-01	38.20	1.874	.3579	551.1	.7157-03
172	.20490	320.00	460.00	.4477-01	.5303-01	.5841-01	38.20	1.710	.3578	551.0	.6531-03
172	.20490	322.00	459.00	.4233-01	.5014-01	.5524-01	38.18	1.616	.3582	551.5	.6175-03
172	.20490	326.00	458.00	.3866-01	.4579-01	.5044-01	38.20	1.477	.3578	550.9	.5640-03
172	.20490	330.00	457.00	.3679-01	.4358-01	.4801-01	38.19	1.405	.3581	551.3	.5367-03
172	.20490	338.00	455.00	.3256-01	.3857-01	.4249-01	38.18	1.243	.3582	551.6	.4750-03
172	.20490	346.00	453.00	.2803-01	.3321-01	.3658-01	38.16	1.070	.3584	551.9	.4090-03
172	.20490	355.00	451.00	.2739-01	.3245-01	.3575-01	38.14	1.045	.3588	552.4	.3997-03

OH105-B 83-0 PILOT RT(X-SECT) (R3R413)

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
139	20.00	.0000	7.300	1.987	466.8	1501.	369.8	.8381-01	132.2	.5320-04	4114.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
139	.0000	.1183

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
139	.27000-01	273.00	436.00	.1527	.1809	.1994	28.00	4.276	.3594	554.0	.3037-02
139	.27000-01	287.50	434.00	.2439	.2891	.3186	27.98	6.826	.3599	554.7	.4853-02
139	.27000-01	303.00	432.00	.3211	.3805	.4193	27.99	8.986	.3598	554.6	.6387-02
139	.27000-01	320.00	430.00	.2737	.3244	.3575	27.97	7.657	.3601	555.1	.5446-02
139	.27000-01	335.00	428.00	.2185	.2590	.2855	27.96	6.111	.3603	555.4	.4348-02
139	.27000-01	350.00	426.00	.2054	.2436	.2685	27.91	5.733	.3615	557.2	.4088-02
139	.50000-01	289.00	448.00	.1689	.2002	.2206	27.98	4.727	.3599	554.8	.3360-02
139	.50000-01	300.00	446.00	.1935	.2293	.2527	27.96	5.410	.3603	555.4	.3849-02
139	.50000-01	311.00	444.00	.1958	.2321	.2558	27.96	5.474	.3605	555.6	.3895-02
139	.50000-01	321.50	442.00	.1819	.2156	.2376	27.94	5.082	.3607	556.0	.3618-02
139	.50000-01	334.00	440.00	.1550	.1838	.2026	27.93	4.330	.3611	556.6	.3085-02
139	.50000-01	347.00	438.00	.1514	.1795	.1979	27.89	4.223	.3618	557.7	.3013-02
139	.20490	273.00	476.00	.3454-01	.4095-01	.4513-01	27.95	.9654	.3606	555.9	.6873-03
139	.20490	275.50	475.00	.3189-01	.3780-01	.4166-01	27.94	.8909	.3608	556.2	.6345-03
139	.20490	278.00	474.00	.2970-01	.3521-01	.3881-01	27.93	.8297	.3609	556.3	.5910-03
139	.20490	284.00	473.00	.6054-01	.7178-01	.7912-01	27.92	1.691	.3612	556.7	.1205-02
139	.20490	287.00	472.00	.7008-01	.8309-01	.9159-01	27.91	1.956	.3614	557.0	.1395-02
139	.20490	290.00	471.00	.8074-01	.9572-01	.1055	27.92	2.254	.3613	556.8	.1607-02
139	.20490	292.00	470.00	.7513-01	.8909-01	.9821-01	27.90	2.096	.3616	557.4	.1495-02
139	.20490	295.00	469.00	.9264-01	.1098	.1211	27.92	2.586	.3613	556.9	.1843-02
139	.20490	300.50	467.00	.8977-01	.1064	.1173	27.91	2.505	.3615	557.2	.1786-02

OH105-B 83-O PILOT RT(X-SECT) (R3R413)

RUN NUMBER	XB/LB	PHI	T/C NO	h/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
139	.20490	303.00	466.00	.8758-01	.1039	.1145	27.90	2.444	.3617	557.5	.1743-02
139	.20490	305.00	465.00	.8254-01	.9788-01	.1079	27.90	2.303	.3618	557.6	.1643-02
139	.20490	307.00	464.00	.7721-01	.9156-01	.1009	27.88	2.152	.3621	558.2	.1537-02
139	.20490	310.50	463.00	.7293-01	.8649-01	.9536-01	27.88	2.033	.3621	558.2	.1452-02
139	.20490	313.50	462.00	.7210-01	.8551-01	.9427-01	27.89	2.011	.3620	557.9	.1435-02
139	.20490	317.00	461.00	.6690-01	.7934-01	.8747-01	27.88	1.865	.3621	558.2	.1332-02
139	.20490	320.00	460.00	.6090-01	.7222-01	.7962-01	27.88	1.698	.3622	558.3	.1212-02
139	.20490	322.00	459.00	.5987-01	.7100-01	.7829-01	27.86	1.668	.3625	558.8	.1192-02
139	.20490	326.00	458.00	.5267-01	.6246-01	.6887-01	27.87	1.468	.3624	558.7	.1048-02
139	.20490	330.00	457.00	.5020-01	.5954-01	.6565-01	27.85	1.398	.3627	559.1	.9993-03
139	.20490	338.00	455.00	.4408-01	.5229-01	.5766-01	27.84	1.227	.3629	559.4	.8775-03
139	.20490	346.00	453.00	.3935-01	.4668-01	.5148-01	27.83	1.095	.3633	560.0	.7834-03
139	.20490	355.00	451.00	.3927-01	.4660-01	.5139-01	27.79	1.091	.3640	561.1	.7820-03

OH105-B 83-0 PILOT RT(X-SECT) (R3R414)

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
138	20.00	.0000	7.300	3.861	869.1	1464.	360.1	.1564	128.7	.1020-03	4060.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
138	.0000	.1612

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.500
138	.27000-01	273.00	436.00	.1539	.1832	.2024	36.30	5.587	.3739	561.2	.2214-02
138	.27000-01	287.50	434.00	.2449	.2916	.3223	36.24	8.878	.3749	562.6	.3525-02
138	.27000-01	303.00	432.00	.3197	.3806	.4206	36.24	11.59	.3750	562.8	.4600-02
138	.27000-01	320.00	430.00	.2694	.3207	.3545	36.23	9.760	.3752	563.1	.3877-02
138	.27000-01	335.00	428.00	.2201	.2620	.2895	36.29	7.989	.3741	561.4	.3167-02
138	.27000-01	350.00	426.00	.2064	.2456	.2714	36.34	7.502	.3733	560.2	.2970-02
138	.50000-01	289.00	448.00	.1688	.2008	.2218	36.39	6.142	.3725	559.1	.2428-02
138	.50000-01	300.00	446.00	.1932	.2298	.2538	36.40	7.032	.3722	558.7	.2778-02
138	.50000-01	311.00	444.00	.1989	.2366	.2613	36.43	7.246	.3718	558.0	.2860-02
138	.50000-01	321.50	442.00	.1885	.2242	.2476	36.45	6.871	.3715	557.5	.2710-02
138	.50000-01	334.00	440.00	.1557	.1851	.2045	36.47	5.677	.3712	557.1	.2238-02
138	.50000-01	347.00	438.00	.1521	.1809	.1997	36.48	5.549	.3710	556.8	.2187-02
138	.20490	273.00	476.00	.3181-01	.3782-01	.4176-01	36.50	1.161	.3706	556.2	.4573-03
138	.20490	275.50	475.00	.2896-01	.3443-01	.3802-01	36.50	1.057	.3707	556.3	.4163-03
138	.20490	278.00	474.00	.2686-01	.3194-01	.3527-01	36.51	.9806	.3706	556.1	.3862-03
138	.20490	284.00	473.00	.6281-01	.7467-01	.8246-01	36.52	2.294	.3703	555.8	.9029-03
138	.20490	287.00	472.00	.7298-01	.8674-01	.9577-01	36.55	2.667	.3698	555.0	.1049-02
138	.20490	290.00	471.00	.8929-01	.1061	.1171	36.59	3.267	.3691	554.0	.1283-02
138	.20490	292.00	470.00	.8796-01	.1045	.1154	36.60	3.219	.3690	553.8	.1264-02
138	.20490	295.00	469.00	.1266	.1504	.1661	36.61	4.635	.3688	553.6	.1819-02
138	.20490	300.50	467.00	.1794	.2132	.2353	36.63	6.571	.3685	553.1	.2578-02

OH105-B MODELS 83-O AND 60-O AT ARC 3.5 FT. TUNNEL

(R3R414)

OH105-B 83-O PILOT RT(X-SECT)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
138	.20490	303.00	466.00	.1996	.2371	.2617	36.64	7.311	.3684	552.9	.2867-02
138	.20490	305.00	465.00	.2088	.2480	.2738	36.64	7.649	.3683	552.8	.2999-02
138	.20490	307.00	464.00	.2095	.2489	.2747	36.63	7.674	.3685	553.0	.3010-02
138	.20490	310.50	463.00	.2108	.2505	.2765	36.64	7.723	.3684	552.9	.3029-02
138	.20490	313.50	462.00	.2141	.2544	.2808	36.64	7.845	.3684	552.9	.3077-02
138	.20490	317.00	461.00	.2056	.2442	.2696	36.64	7.531	.3684	552.9	.2954-02
138	.20490	320.00	460.00	.1953	.2321	.2562	36.64	7.156	.3684	552.9	.2807-02
138	.20490	322.00	459.00	.1975	.2347	.2591	36.61	7.231	.3688	553.6	.2838-02
138	.20490	326.00	458.00	.1869	.2220	.2451	36.63	6.845	.3685	553.1	.2685-02
138	.20490	330.00	457.00	.1834	.2179	.2406	36.61	6.713	.3689	553.6	.2635-02
138	.20490	338.00	455.00	.1793	.2130	.2352	36.60	6.561	.3690	553.8	.2576-02
138	.20490	346.00	453.00	.1368	.1626	.1795	36.57	5.004	.3694	554.4	.1966-02
138	.20490	355.00	451.00	.5164-01	.6138-01	.6778-01	36.55	1.888	.3697	554.9	.7423-03

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
144	.0000	-1.000	7.300	1.040	235.6	1470.	361.6	.4240-01	129.3	.2752-04	4068.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
144	.0000	.8393-01

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
144	.27000-01	273.00	436.00	.1472	.1747	.1927	19.27	2.836	.3649	549.9	.4069-02
144	.27000-01	287.50	434.00	.1972	.2341	.2582	19.26	3.799	.3650	550.0	.5451-02
144	.27000-01	303.00	432.00	.1967	.2334	.2575	19.27	3.789	.3649	549.9	.5436-02
144	.27000-01	320.00	430.00	.1450	.1721	.1898	19.26	2.791	.3653	550.4	.4007-02
144	.27000-01	335.00	428.00	.1015	.1205	.1329	19.27	1.957	.3648	549.8	.2807-02
144	.27000-01	350.00	426.00	.9343-01	.1109	.1223	19.27	1.800	.3649	549.9	.2582-02
144	.50000-01	289.00	448.00	.1174	.1393	.1536	19.28	2.263	.3643	549.1	.3244-02
144	.50000-01	300.00	446.00	.1029	.1221	.1347	19.29	1.985	.3642	548.9	.2844-02
144	.50000-01	311.00	444.00	.8556-01	.1015	.1120	19.29	1.650	.3642	548.9	.2365-02
144	.50000-01	321.50	442.00	.7284-01	.8643-01	.9533-01	19.29	1.405	.3643	548.9	.2013-02
144	.50000-01	334.00	440.00	.5750-01	.6823-01	.7526-01	19.29	1.109	.3642	548.9	.1589-02
144	.50000-01	347.00	438.00	.5457-01	.6476-01	.7143-01	19.29	1.052	.3643	549.0	.1508-02
144	.20490	273.00	476.00	.1824-01	.2166-01	.2389-01	19.25	.3511	.3655	550.8	.5044-03
144	.20490	275.50	475.00	.1723-01	.2046-01	.2257-01	19.26	.3319	.3652	550.4	.4764-03
144	.20490	278.00	474.00	.1737-01	.2062-01	.2274-01	19.27	.3347	.3649	549.9	.4802-03
144	.20490	284.00	473.00	.2891-01	.3432-01	.3785-01	19.27	.5572	.3647	549.7	.7992-03
144	.20490	287.00	472.00	.2839-01	.3369-01	.3717-01	19.28	.5474	.3645	549.4	.7847-03
144	.20490	290.00	471.00	.3014-01	.3577-01	.3945-01	19.29	.5814	.3642	548.8	.8330-03
144	.20490	292.00	470.00	.2428-01	.2881-01	.3178-01	19.28	.4682	.3643	549.1	.6710-03
144	.20490	295.00	469.00	.2880-01	.3417-01	.3769-01	19.29	.5554	.3643	549.0	.7959-03
144	.20490	300.50	467.00	.2370-01	.2812-01	.3102-01	19.28	.4571	.3643	549.0	.6550-03

OH105-B MODELS 83-0 AND 80-0 AT ARC 3.5 FT. TUNNEL

OH105-B 83-0 PILOT RT(X-SECT)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
144	.20490	303.00	466.00	.2237-01	.2655-01	.2928-01	19.29	.4315	.3643	548.9	.6184-03
144	.20490	305.00	465.00	.1933-01	.2293-01	.2529-01	19.29	.3728	.3642	548.8	.5341-03
144	.20490	307.00	464.00	.1713-01	.2033-01	.2242-01	19.29	.3304	.3643	548.9	.4735-03
144	.20490	310.50	463.00	.1618-01	.1920-01	.2118-01	19.28	.3120	.3644	549.2	.4472-03
144	.20490	313.50	462.00	.1835-01	.2178-01	.2402-01	19.29	.3539	.3643	549.0	.5072-03
144	.20490	317.00	461.00	.1677-01	.1990-01	.2195-01	19.29	.3235	.3643	549.0	.4636-03
144	.20490	320.00	460.00	.1459-01	.1731-01	.1909-01	19.29	.2813	.3642	548.9	.4031-03
144	.20490	322.00	459.00	.1542-01	.1830-01	.2018-01	19.28	.2972	.3645	549.2	.4261-03
144	.20490	326.00	458.00	.1174-01	.1393-01	.1537-01	19.29	.2265	.3641	548.7	.3245-03
144	.20490	330.00	457.00	.1059-01	.1257-01	.1386-01	19.29	.2043	.3642	548.9	.2928-03
144	.20490	338.00	455.00	.9177-02	.1089-01	.1201-01	19.29	.1770	.3642	548.9	.2536-03
144	.20490	346.00	453.00	.7263-02	.8618-02	.9505-02	19.29	.1401	.3642	548.9	.2007-03
144	.20490	355.00	451.00	.6899-02	.8187-02	.9030-02	19.28	.1330	.3644	549.1	.1907-03

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
145	.0000	-1.000	7.300	1.680	468.4	1550.	382.7	.8380-01	136.8	.5139-04	4185.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
145	.0000	.1186

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
145	.27000-01	273.00	436.00	.1511	.1786	.1965	29.50	4.458	.3500	558.2	.3060-02
145	.27000-01	287.50	434.00	.2044	.2417	.2659	29.46	6.023	.3507	559.4	.4140-02
145	.27000-01	303.00	432.00	.2021	.2389	.2629	29.45	5.953	.3509	559.7	.4093-02
145	.27000-01	320.00	430.00	.1445	.1709	.1880	29.45	4.256	.3510	559.8	.2927-02
145	.27000-01	335.00	428.00	.1035	.1223	.1346	29.46	3.049	.3506	559.3	.2095-02
145	.27000-01	350.00	426.00	.9499-01	.1123	.1235	29.48	2.801	.3502	558.6	.1923-02
145	.50000-01	289.00	448.00	.1208	.1427	.1569	29.54	3.567	.3490	556.8	.2444-02
145	.50000-01	300.00	446.00	.1059	.1251	.1376	29.54	3.128	.3490	556.8	.2143-02
145	.50000-01	311.00	444.00	.8739-01	.1032	.1136	29.54	2.582	.3489	556.6	.1769-02
145	.50000-01	321.50	442.00	.7405-01	.8749-01	.9622-01	29.54	2.188	.3489	556.6	.1499-02
145	.50000-01	334.00	440.00	.5928-01	.7003-01	.7702-01	29.55	1.752	.3487	556.3	.1200-02
145	.50000-01	347.00	438.00	.5488-01	.6483-01	.7129-01	29.56	1.622	.3486	556.0	.1111-02
145	.20490	273.00	476.00	.1980-01	.2339-01	.2573-01	29.54	.5849	.3490	556.7	.4008-03
145	.20490	275.50	475.00	.1881-01	.2223-01	.2444-01	29.55	.5559	.3488	556.4	.3808-03
145	.20490	278.00	474.00	.1841-01	.2175-01	.2391-01	29.57	.5443	.3484	555.8	.3726-03
145	.20490	284.00	473.00	.2767-01	.3268-01	.3594-01	29.59	.8187	.3480	555.1	.5600-03
145	.20490	287.00	472.00	.2887-01	.3409-01	.3749-01	29.60	.8543	.3478	554.8	.5841-03
145	.20490	290.00	471.00	.3183-01	.3759-01	.4133-01	29.61	.9427	.3475	554.2	.6441-03
145	.20490	292.00	470.00	.2629-01	.3105-01	.3414-01	29.61	.7783	.3476	554.5	.5320-03
145	.20490	295.00	469.00	.2932-01	.3462-01	.3806-01	29.63	.8685	.3472	553.8	.5931-03
145	.20490	300.50	467.00	.2333-01	.2755-01	.3029-01	29.63	.6913	.3471	553.6	.4720-03

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105-B 83-0 PILOT RT(X-SECT)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
145	.20490	303.00	466.00	.2206-01	.2605-01	.2864-01	29.63	.6536	.3471	553.6	.4463-03
145	.20490	305.00	465.00	.1994-01	.2354-01	.2588-01	29.63	.5909	.3470	553.6	.4034-03
145	.20490	307.00	464.00	.1789-01	.2112-01	.2322-01	29.63	.5301	.3471	553.7	.3619-03
145	.20490	310.50	463.00	.1809-01	.2136-01	.2348-01	29.63	.5360	.3471	553.6	.3660-03
145	.20490	313.50	462.00	.1769-01	.2089-01	.2296-01	29.64	.5244	.3469	553.3	.3579-03
145	.20490	317.00	461.00	.1558-01	.1839-01	.2022-01	29.64	.4617	.3469	553.3	.3151-03
145	.20490	320.00	460.00	.1427-01	.1684-01	.1852-01	29.64	.4229	.3468	553.2	.2886-03
145	.20490	322.00	459.00	.1495-01	.1766-01	.1942-01	29.63	.4432	.3470	553.6	.3026-03
145	.20490	326.00	458.00	.1199-01	.1416-01	.1557-01	29.64	.3556	.3468	553.2	.2427-03
145	.20490	330.00	457.00	.1118-01	.1321-01	.1452-01	29.63	.3314	.3470	553.5	.2263-03
145	.20490	338.00	455.00	.9126-02	.1078-01	.1185-01	29.64	.2705	.3470	553.4	.1846-03
145	.20490	346.00	453.00	.7087-02	.8369-02	.9201-02	29.63	.2100	.3471	553.6	.1434-03
145	.20490	355.00	451.00	.6769-02	.7994-02	.8789-02	29.62	.2005	.3472	553.9	.1370-03

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
146	.0000	-1.000	7.300	2.910	699.8	1522.	375.4	.1255	134.2	.7846-04	4145.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
146	.0000	.1449

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
146	.27000-01	273.00	436.00	.1443	.1708	.1881	35.02	5.054	.3557	556.4	.2364-02
146	.27000-01	287.50	434.00	.1944	.2301	.2534	35.00	6.802	.3561	557.2	.3185-02
146	.27000-01	320.00	430.00	.1344	.1592	.1753	34.95	4.699	.3569	558.3	.2203-02
146	.27000-01	335.00	428.00	.1008	.1193	.1314	34.98	3.526	.3565	557.7	.1652-02
146	.27000-01	350.00	426.00	.9178-01	.1087	.1197	34.98	3.210	.3565	557.7	.1504-02
146	.50000-01	289.00	448.00	.1165	.1379	.1518	35.03	4.080	.3555	556.2	.1908-02
146	.50000-01	300.00	446.00	.1019	.1206	.1328	35.03	3.570	.3556	556.3	.1670-02
146	.50000-01	311.00	444.00	.8413-01	.9959-01	.1097	35.03	2.947	.3556	556.3	.1378-02
146	.50000-01	321.50	442.00	.7110-01	.8416-01	.9267-01	35.03	2.490	.3556	556.3	.1165-02
146	.50000-01	334.00	440.00	.5688-01	.6733-01	.7413-01	35.03	1.992	.3556	556.3	.9318-03
146	.50000-01	347.00	438.00	.5263-01	.6230-01	.6860-01	35.02	1.843	.3557	556.4	.8622-03
146	.20490	273.00	476.00	.1674-01	.1981-01	.2182-01	34.99	.5857	.3562	557.2	.2742-03
146	.20490	275.50	475.00	.1642-01	.1944-01	.2140-01	35.00	.5746	.3561	557.1	.2690-03
146	.20490	278.00	474.00	.1754-01	.2076-01	.2286-01	35.00	.6137	.3561	557.1	.2873-03
146	.20490	284.00	473.00	.2670-01	.3161-01	.3481-01	34.99	.9342	.3563	557.4	.4375-03
146	.20490	287.00	472.00	.2700-01	.3196-01	.3520-01	35.00	.9449	.3561	557.1	.4424-03
146	.20490	290.00	471.00	.2798-01	.3312-01	.3647-01	35.02	.9799	.3557	556.5	.4584-03
146	.20490	292.00	470.00	.2377-01	.2813-01	.3098-01	35.02	.8324	.3557	556.5	.3894-03
146	.20490	295.00	469.00	.2716-01	.3215-01	.3540-01	35.01	.9508	.3558	556.7	.4449-03
146	.20490	300.50	467.00	.2144-01	.2537-01	.2794-01	35.02	.7506	.3558	556.6	.3512-03
146	.20490	303.00	466.00	.2031-01	.2404-01	.2647-01	35.03	.7114	.3556	556.3	.3327-03

OH105-B 83-0 PILOT R.(X-SECT)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
146	.20490	305.00	465.00	.1868-01	.2211-01	.2434-01	35.04	.6544	.3554	556.0	.3060-03
146	.20490	307.00	464.00	.1761-01	.2084-01	.2295-01	35.03	.6168	.3556	556.2	.2885-03
146	.20490	310.50	463.00	.1572-01	.1861-01	.2049-01	35.04	.5510	.3553	555.9	.2576-03
146	.20490	313.50	462.00	.1529-01	.1810-01	.1993-01	35.03	.5356	.3555	556.2	.2505-03
146	.20490	317.00	461.00	.1348-01	.1596-01	.1758-01	35.04	.4725	.3554	556.0	.2209-03
146	.20490	320.00	460.00	.1257-01	.1488-01	.1638-01	35.04	.4404	.3554	556.0	.2059-03
146	.20490	322.00	459.00	.1182-01	.1400-01	.1541-01	35.03	.4142	.3556	556.3	.1937-03
146	.20490	326.00	458.00	.1131-01	.1338-01	.1474-01	35.04	.3963	.3553	555.8	.1853-03
146	.20490	330.00	457.00	.1049-01	.1242-01	.1368-01	35.03	.3676	.3555	556.1	.1719-03
146	.20490	338.00	455.00	.8532-02	.1010-01	.1112-01	35.03	.2989	.3555	556.1	.1398-03
146	.20490	346.00	453.00	.6316-02	.7476-02	.8232-02	35.03	.2212	.3556	556.3	.1035-03
146	.20490	355.00	451.00	.5723-02	.6775-02	.7460-02	35.02	.2004	.3558	556.6	.9376-04

OH105-B 83-0 PILOT RT(X-SECT)

(R3R419)

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = .0000 BETA = -1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
147	.0000	-1.000	7.300	3.572	861.7	1525.	376.1	.1544	134.5	.9639-04	4149.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
147	.0000	.1608

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
147	.27000-01	273.00	436.00	.1482	.1757	.1936	38.70	5.736	.3595	563.6	.2193-02
147	.27000-01	287.50	434.00	.1993	.2362	.2603	38.66	7.705	.3601	564.5	.2949-02
147	.27000-01	303.00	432.00	.1969	.2333	.2571	38.66	7.610	.3601	564.5	.2913-02
147	.27000-01	320.00	430.00	.1395	.1654	.1823	38.66	5.394	.3601	564.5	.2065-02
147	.27000-01	335.00	428.00	.1016	.1204	.1326	38.67	3.927	.3600	564.3	.1503-02
147	.27000-01	350.00	426.00	.9329-01	.1106	.1218	38.67	3.608	.3599	564.2	.1380-02
147	.50000-01	289.00	448.00	.1183	.1401	.1544	38.73	4.581	.3590	562.7	.1750-02
147	.50000-01	300.00	446.00	.1037	.1228	.1354	38.73	4.016	.3590	562.7	.1534-02
147	.50000-01	311.00	444.00	.8499-01	.1007	.1109	38.74	3.292	.3589	562.6	.1257-02
147	.50000-01	321.50	442.00	.7216-01	.8550-01	.9420-01	38.74	2.795	.3589	562.6	.1067-02
147	.50000-01	334.00	440.00	.5714-01	.6770-01	.7459-01	38.75	2.214	.3588	562.3	.8452-03
147	.50000-01	347.00	438.00	.5347-01	.6336-01	.6981-01	38.74	2.071	.3589	562.6	.7910-03
147	.20490	273.00	476.00	.1894-01	.2244-01	.2473-01	38.69	.7327	.3597	563.8	.2802-03
147	.20490	275.50	475.00	.1786-01	.2116-01	.2332-01	38.70	.6912	.3595	563.4	.2642-03
147	.20490	278.00	474.00	.1731-01	.2050-01	.2259-01	38.72	.6701	.3591	562.8	.2560-03
147	.20490	284.00	473.00	.2589-01	.3067-01	.3380-01	38.75	1.003	.3587	562.3	.3830-03
147	.20490	287.00	472.00	.2655-01	.3145-01	.3466-01	38.75	1.029	.3587	562.2	.3927-03
147	.20490	290.00	471.00	.2954-01	.3499-01	.3855-01	38.77	1.145	.3583	561.6	.4369-03
147	.20490	292.00	470.00	.2479-01	.2937-01	.3236-01	38.76	.9610	.3586	562.1	.3668-03
147	.20490	295.00	469.00	.2735-01	.3239-01	.3569-01	38.78	1.061	.3582	561.4	.4045-03
147	.20490	300.50	467.00	.2162-01	.2561-01	.2821-01	38.79	.8385	.3581	561.3	.3198-03

OH105-B 83-0 PILOT RT(X-SECT) (R3R419)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
147	.20490	303.00	466.00	.2049-01	.2427-01	.2674-01	38.79	.7948	.3581	561.3	.3031-03
147	.20490	305.00	465.00	.1899-01	.2249-01	.2478-01	38.79	.7365	.3580	561.2	.2808-03
147	.20490	307.00	464.00	.1731-01	.2051-01	.2259-01	38.79	.6715	.3581	561.3	.2561-03
147	.20490	310.50	463.00	.1629-01	.1929-01	.2125-01	38.79	.6317	.3581	561.3	.2409-03
147	.20490	313.50	462.00	.1636-01	.1938-01	.2135-01	38.80	.6347	.3579	561.0	.2420-03
147	.20490	317.00	461.00	.1430-01	.1693-01	.1865-01	38.80	.5547	.3579	560.9	.2114-03
147	.20490	320.00	460.00	.1315-01	.1557-01	.1716-01	38.80	.5102	.3578	560.9	.1945-03
147	.20490	322.00	459.00	.1346-01	.1594-01	.1756-01	38.79	.5220	.3580	561.2	.1991-03
147	.20490	326.00	458.00	.1117-01	.1323-01	.1457-01	38.80	.4334	.3579	561.0	.1652-03
147	.20490	330.00	457.00	.1045-01	.1238-01	.1364-01	38.79	.4055	.3581	561.3	.1546-03
147	.20490	338.00	455.00	.8503-02	.1007-01	.1110-01	38.79	.3298	.3580	561.2	.1258-03
147	.20490	346.00	453.00	.6201-02	.7345-02	.8092-02	38.78	.2405	.3582	561.4	.9171-04
147	.20490	355.00	451.00	.5742-02	.6803-02	.7494-02	38.77	.2226	.3583	561.7	.8494-04

OH105-B 83-0 PILOT RT(X-SECT) (R3R420)

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
143	.0000	1.000	7.300	1.062	235.6	1452.	356.9	.4244-01	127.6	.2791-04	4042.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
143	.0000	.8387-01

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
143	.27000-01	273.00	436.00	.1682	.1996	.2202	18.99	3.194	.3654	543.5	.4612-02
143	.27000-01	287.50	434.00	.2272	.2698	.2976	18.98	4.314	.3656	543.8	.6232-02
143	.27000-01	303.00	432.00	.2201	.2613	.2883	18.99	4.180	.3655	543.6	.6037-02
143	.27000-01	320.00	430.00	.1514	.1797	.1982	19.01	2.877	.3649	542.8	.4151-02
143	.27000-01	335.00	428.00	.1088	.1291	.1425	18.98	2.065	.3657	543.9	.2984-02
143	.27000-01	350.00	426.00	.9837-01	.1168	.1288	18.98	1.867	.3657	544.0	.2696-02
143	.50000-01	289.00	448.00	.1360	.1615	.1781	18.99	2.583	.3654	543.5	.3731-02
143	.50000-01	300.00	446.00	.1185	.1407	.1552	18.99	2.251	.3654	543.5	.3250-02
143	.50000-01	311.00	444.00	.9438-01	.1120	.1236	18.99	1.793	.3653	543.4	.2588-02
143	.50000-01	321.50	442.00	.7897-01	.9374-01	.1034	18.99	1.500	.3655	543.6	.2166-02
143	.50000-01	334.00	440.00	.6216-01	.7379-01	.8140-01	18.99	1.180	.3654	543.6	.1705-02
143	.50000-01	347.00	438.00	.5763-01	.6841-01	.7547-01	18.98	1.094	.3657	543.9	.1580-02
143	.20490	273.00	476.00	.2534-01	.3009-01	.3320-01	18.95	.4801	.3668	545.6	.6951-03
143	.20490	275.50	475.00	.2428-01	.2883-01	.3182-01	18.95	.4602	.3667	545.4	.6661-03
143	.20490	278.00	474.00	.2465-01	.2927-01	.3230-01	18.96	.4674	.3665	545.1	.6763-03
143	.20490	284.00	473.00	.3335-01	.3960-01	.4369-01	18.97	.6327	.3661	544.6	.9148-03
143	.20490	287.00	472.00	.3472-01	.4122-01	.4548-01	18.97	.6586	.3661	544.6	.9523-03
143	.20490	290.00	471.00	.3843-01	.4563-01	.5034-01	18.98	.7294	.3659	544.2	.1054-02
143	.20490	292.00	470.00	.3202-01	.3802-01	.4194-01	18.97	.6074	.3661	544.5	.8782-03
143	.20490	295.00	469.00	.3435-01	.4078-01	.4499-01	18.98	.6521	.3657	543.9	.9421-03
143	.20490	300.50	467.00	.2464-01	.2925-01	.3226-01	18.99	.4677	.3656	543.8	.6756-03

OH105-B 83-0 PILOT RT(X-SECT) (R3R420)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
143	.20490	303.00	466.00	.2390-01	.2838-01	.3131-01	18.98	.4538	.3657	543.9	.6556-03
143	.20490	305.00	465.00	.2307-01	.2739-01	.3022-01	18.98	.4378	.3659	544.3	.6328-03
143	.20490	307.00	464.00	.2060-01	.2446-01	.2699-01	18.97	.3909	.3661	544.5	.5652-03
143	.20490	310.50	463.00	.1936-01	.2298-01	.2536-01	18.98	.3674	.3659	544.2	.5309-03
143	.20490	313.50	462.00	.1908-01	.2265-01	.2498-01	18.98	.3621	.3656	543.8	.5232-03
143	.20490	317.00	461.00	.1701-01	.2019-01	.2227-01	18.98	.3228	.3657	544.0	.4664-03
143	.20490	320.00	460.00	.1516-01	.1799-01	.1985-01	18.98	.2877	.3657	544.0	.4157-03
143	.20490	322.00	459.00	.1584-01	.1880-01	.2075-01	18.98	.3005	.3659	544.2	.4344-03
143	.20490	326.00	458.00	.1356-01	.1610-01	.1776-01	18.98	.2573	.3658	544.1	.3718-03
143	.20490	330.00	457.00	.1317-01	.1564-01	.1725-01	18.97	.2499	.3660	544.4	.3613-03
143	.20490	338.00	455.00	.1127-01	.1338-01	.1477-01	18.97	.2139	.3660	544.3	.3092-03
143	.20490	346.00	453.00	.9842-02	.1169-01	.1289-01	18.97	.1867	.3660	544.4	.2699-03
143	.20490	355.00	451.00	.7905-02	.9386-02	.1036-01	18.96	.1499	.3663	544.8	.2168-03

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
142	.0000	1.000	7.300	2.062	466.8	1469.	361.3	.8400-01	129.2	.5457-04	4067.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
142	.0000	.1181

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
142	.27000-01	273.00	436.00	.1576	.1870	.2062	27.13	4.275	.3642	548.4	.3093-02
142	.27000-01	287.50	434.00	.2124	.2521	.2781	27.11	5.758	.3647	549.2	.4170-02
142	.27000-01	303.00	432.00	.2098	.2491	.2747	27.10	5.686	.3649	549.5	.4119-02
142	.27000-01	320.00	430.00	.1414	.1679	.1852	27.07	3.828	.3655	550.4	.2776-02
142	.27000-01	335.00	428.00	.1031	.1223	.1350	27.10	2.793	.3649	549.5	.2023-02
142	.27000-01	350.00	426.00	.9262-01	.1099	.1213	27.10	2.510	.3649	549.5	.1818-02
142	.50000-01	289.00	448.00	.1290	.1531	.1688	27.14	3.501	.3639	548.0	.2532-02
142	.50000-01	300.00	446.00	.1118	.1327	.1464	27.13	3.034	.3641	548.3	.2195-02
142	.50000-01	311.00	444.00	.9012-01	.1069	.1179	27.13	2.445	.3641	548.4	.1769-02
142	.50000-01	321.50	442.00	.7487-01	.8885-01	.9799-01	27.13	2.031	.3642	548.4	.1470-02
142	.50000-01	334.00	440.00	.5897-01	.6997-01	.7717-01	27.13	1.600	.3642	548.4	.1157-02
142	.50000-01	347.00	438.00	.5410-01	.6420-01	.7081-01	27.12	1.467	.3643	548.6	.1062-02
142	.20490	273.00	476.00	.1999-01	.2372-01	.2617-01	27.07	.5410	.3655	550.4	.3924-03
142	.20490	275.50	475.00	.2039-01	.2420-01	.2670-01	27.07	.5519	.3655	550.4	.4003-03
142	.20490	278.00	474.00	.2222-01	.2638-01	.2910-01	27.08	.6017	.3653	550.1	.4362-03
142	.20490	284.00	473.00	.3412-01	.4050-01	.4468-01	27.07	.9236	.3655	550.4	.6698-03
142	.20490	287.00	472.00	.3368-01	.3998-01	.4410-01	27.09	.9122	.3652	549.9	.6612-03
142	.20490	290.00	471.00	.3341-01	.3965-01	.4373-01	27.10	.9054	.3648	549.3	.6557-03
142	.20490	292.00	470.00	.2845-01	.3377-01	.3725-01	27.10	.7711	.3648	549.4	.5585-03
142	.20490	295.00	469.00	.3140-01	.3726-01	.4110-01	27.11	.8510	.3647	549.2	.6163-03
142	.20490	300.50	467.00	.2394-01	.2841-01	.3134-01	27.11	.6491	.3646	549.1	.4700-03

OH105-B 83-0 PILOT RT(X-SECT) (R3R421)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R= 850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
142	.20490	303.00	466.00	.2262-01	.2684-01	.2961-01	27.11	.6132	.3646	549.0	.4440-03
142	.20490	305.00	465.00	.2067-01	.2453-01	.2705-01	27.12	.5605	.3644	548.8	.4057-03
142	.20490	307.00	464.00	.1798-01	.2133-01	.2353-01	27.11	.4874	.3645	548.9	.3529-03
142	.20490	310.50	463.00	.1751-01	.2078-01	.2292-01	27.11	.4748	.3646	549.1	.3438-03
142	.20490	313.50	462.00	.1696-01	.2013-01	.2220-01	27.11	.4598	.3646	549.1	.3329-03
142	.20490	317.00	461.00	.1529-01	.1814-01	.2001-01	27.11	.4145	.3646	549.0	.3001-03
142	.20490	320.00	460.00	.1402-01	.1663-01	.1835-01	27.11	.3800	.3645	549.0	.2751-03
142	.20490	322.00	459.00	.1305-01	.1548-01	.1709-01	27.10	.3537	.3648	549.3	.2562-03
142	.20490	326.00	458.00	.1277-01	.1515-01	.1672-01	27.12	.3463	.3644	548.8	.2507-03
142	.20490	330.00	457.00	.1211-01	.1438-01	.1586-01	27.11	.3284	.3646	549.1	.2378-03
142	.20490	338.00	455.00	.1094-01	.1298-01	.1432-01	27.11	.2964	.3647	549.2	.2147-03
142	.20490	346.00	453.00	.8720-02	.1035-01	.1142-01	27.09	.2363	.3650	549.6	.1712-03
142	.20490	355.00	451.00	.6896-02	.8186-02	.9030-02	27.08	.1867	.3653	550.1	.1354-03

OH105-B 83-0 PILOT RT(X-SECT) (R3R422)

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
141	.0000	1.000	7.300	3.005	699.1	1493.	367.7	.1256	131.4	.8018-04	4102.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
141	.0000	.1447

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
141	.27000-01	273.00	436.00	.1596	.1894	.2089	33.81	5.397	.3639	557.6	.2587-02
141	.27000-01	287.50	434.00	.2129	.2526	.2786	33.79	7.192	.3643	558.3	.3451-02
141	.27000-01	303.00	432.00	.2080	.2469	.2723	33.79	7.029	.3644	558.4	.3373-02
141	.27000-01	320.00	430.00	.1464	.1737	.1916	33.77	4.943	.3648	558.9	.2373-02
141	.27000-01	335.00	428.00	.1021	.1211	.1336	33.76	3.446	.3648	559.0	.1655-02
141	.27000-01	350.00	426.00	.9242-01	.1097	.1210	33.74	3.118	.3652	559.7	.1499-02
141	.50000-01	289.00	448.00	.1276	.1515	.1670	33.78	4.311	.3644	558.4	.2069-02
141	.50000-01	300.00	446.00	.1109	.1316	.1452	33.76	3.744	.3649	559.1	.1798-02
141	.50000-01	311.00	444.00	.8965-01	.1064	.1174	33.76	3.027	.3648	559.1	.1454-02
141	.50000-01	321.50	442.00	.7501-01	.8903-01	.9821-01	33.75	2.532	.3650	559.3	.1216-02
141	.50000-01	334.00	440.00	.5854-01	.6949-01	.7666-01	33.75	1.976	.3651	559.5	.9493-03
141	.50000-01	347.00	438.00	.5403-01	.6414-01	.7076-01	33.73	1.822	.3655	560.0	.8762-03
141	.20490	273.00	476.00	.2213-01	.2628-01	.2899-01	33.66	.7449	.3666	561.7	.3589-03
141	.20490	275.50	475.00	.2136-01	.2536-01	.2799-01	33.66	.7189	.3667	561.8	.3465-03
141	.20490	278.00	474.00	.2216-01	.2631-01	.2903-01	33.68	.7462	.3664	561.4	.3594-03
141	.20490	284.00	473.00	.3254-01	.3864-01	.4264-01	33.67	1.096	.3665	561.6	.5278-03
141	.20490	287.00	472.00	.3243-01	.3851-01	.4249-01	33.67	1.092	.3664	561.5	.5260-03
141	.20490	290.00	471.00	.3427-01	.4070-01	.4490-01	33.68	1.154	.3663	561.3	.5559-03
141	.20490	292.00	470.00	.2919-01	.3467-01	.3825-01	33.68	.9831	.3664	561.4	.4735-03
141	.20490	295.00	469.00	.3201-01	.3800-01	.4193-01	33.69	1.078	.3662	561.1	.5191-03
141	.20490	300.50	467.00	.2451-01	.2910-01	.3210-01	33.69	.8256	.3661	561.0	.3975-03

OH105-B 83-0 PILOT RT(X-SECT) (R3R422)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
141	.20490	303.00	466.00	.2268-01	.2693-01	.2971-01	33.69	.7641	.3661	561.0	.3679-03
141	.20490	305.00	465.00	.2097-01	.2490-01	.2747-01	33.69	.7066	.3661	561.0	.3402-03
141	.20490	307.00	464.00	.1846-01	.2192-01	.2419-01	33.66	.6213	.3666	561.8	.2994-03
141	.20490	310.50	463.00	.1839-01	.2184-01	.2409-01	33.68	.6193	.3664	561.4	.2983-03
141	.20490	313.50	462.00	.1837-01	.2181-01	.2406-01	33.69	.6187	.3662	561.1	.2979-03
141	.20490	317.00	461.00	.1668-01	.1981-01	.2186-01	33.69	.5620	.3662	561.1	.2706-03
141	.20490	320.00	460.00	.1446-01	.1717-01	.1894-01	33.69	.4872	.3662	561.1	.2346-03
141	.20490	322.00	459.00	.1453-01	.1725-01	.1903-01	33.68	.4893	.3663	561.2	.2356-03
141	.20490	326.00	458.00	.1216-01	.1444-01	.1593-01	33.69	.4096	.3662	561.1	.1972-03
141	.20490	330.00	457.00	.1183-01	.1405-01	.1550-01	33.67	.3983	.3664	561.5	.1919-03
141	.20490	338.00	455.00	.1051-01	.1247-01	.1376-01	33.67	.3537	.3664	561.5	.1704-03
141	.20490	346.00	453.00	.8527-02	.1013-01	.1117-01	33.67	.2871	.3666	561.7	.1383-03
141	.20490	355.00	451.00	.6629-02	.7872-02	.8687-02	33.65	.2230	.3669	562.2	.1075-03

OH105-B 83-0 PILOT RT(X-SECT) (R3R423)

PILOT RT(X-SECT.)

PARAMETRIC DATA

ALPHA = .0000 BETA = 1.000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
140	.0000	1.000	7.300	3.613	864.4	1518.	374.1	.1550	133.8	.9726-04	4138.	.4000-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
140	.0000	.1610

TEST DATA

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
140	.27000-01	273.00	436.00	.1613	.1911	.2105	38.66	6.235	.3579	558.0	.2374-02
140	.27000-01	287.50	434.00	.2146	.2543	.2802	38.59	8.282	.3589	559.6	.3159-02
140	.27000-01	303.00	432.00	.2099	.2487	.2740	38.57	8.095	.3592	560.1	.3090-02
140	.27000-01	320.00	430.00	.1465	.1736	.1913	38.57	5.651	.3592	560.1	.2157-02
140	.27000-01	335.00	428.00	.1033	.1223	.1348	38.59	3.984	.3590	559.8	.1520-02
140	.27000-01	350.00	426.00	.9318-01	.1104	.1216	38.62	3.599	.3584	558.9	.1372-02
140	.50000-01	289.00	448.00	.1288	.1526	.1680	38.70	4.986	.3571	556.8	.1896-02
140	.50000-01	300.00	446.00	.1116	.1321	.1455	38.70	4.318	.3572	556.9	.1642-02
140	.50000-01	311.00	444.00	.9047-01	.1071	.1180	38.70	3.501	.3571	556.8	.1331-02
140	.50000-01	321.50	442.00	.7550-01	.8940-01	.9847-01	38.70	2.922	.3571	556.8	.1111-02
140	.50000-01	334.00	440.00	.5926-01	.7017-01	.7729-01	38.72	2.294	.3569	556.5	.8720-03
140	.50000-01	347.00	438.00	.5423-01	.6421-01	.7072-01	38.73	2.100	.3568	556.3	.7979-03
140	.20490	273.00	476.00	.2202-01	.2607-01	.2871-01	38.72	.8524	.3568	556.4	.3240-03
140	.20490	275.50	475.00	.2137-01	.2530-01	.2787-01	38.72	.8275	.3568	556.3	.3145-03
140	.20490	278.00	474.00	.2151-01	.2547-01	.2805-01	38.74	.8335	.3565	555.9	.3166-03
140	.20490	284.00	473.00	.3300-01	.3907-01	.4303-01	38.76	1.279	.3562	555.4	.4855-03
140	.20490	287.00	472.00	.3231-01	.3825-01	.4213-01	38.77	1.253	.3560	555.1	.4754-03
140	.20490	290.00	471.00	.3491-01	.4132-01	.4550-01	38.79	1.354	.3558	554.8	.5135-03
140	.20490	292.00	470.00	.2871-01	.3398-01	.3742-01	38.78	1.113	.3558	554.9	.4223-03
140	.20490	295.00	469.00	.3238-01	.3832-01	.4219-01	38.82	1.257	.3552	553.9	.4762-03
140	.20490	300.50	467.00	.2464-01	.2916-01	.3211-01	38.83	.9568	.3551	553.7	.3624-03

OH105-B 83-0 PILOT RT(X-SECT) (R3R423)

RUN NUMBER	XB/LB	PHI	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
140	.20490	303.00	466.00	.2268-01	.2685-01	.2956-01	38.83	.8809	.3551	553.6	.3337-03
140	.20490	305.00	465.00	.2067-01	.2446-01	.2693-01	38.83	.8025	.3551	553.7	.3040-03
140	.20490	307.00	464.00	.1941-01	.2298-01	.2530-01	38.80	.7533	.3556	554.4	.2856-03
140	.20490	310.50	463.00	.1839-01	.2177-01	.2397-01	38.82	.7140	.3552	553.8	.2705-03
140	.20490	313.50	462.00	.1876-01	.2220-01	.2444-01	38.84	.7286	.3549	553.4	.2759-03
140	.20490	317.00	461.00	.1626-01	.1925-01	.2119-01	38.84	.6317	.3549	553.4	.2392-03
140	.20490	320.00	460.00	.1449-01	.1715-01	.1888-01	38.84	.5629	.3549	553.4	.2132-03
140	.20490	322.00	459.00	.1416-01	.1676-01	.1845-01	38.83	.5500	.3550	553.6	.2083-03
140	.20490	326.00	458.00	.1203-01	.1423-01	.1567-01	38.84	.4671	.3549	553.4	.1769-03
140	.20490	330.00	457.00	.1206-01	.1427-01	.1571-01	38.82	.4682	.3552	553.8	.1774-03
140	.20490	338.00	455.00	.1076-01	.1274-01	.1402-01	38.82	.4178	.3552	553.8	.1583-03
140	.20490	346.00	453.00	.8950-02	.1059-01	.1166-01	38.81	.3474	.3554	554.2	.1317-03
140	.20490	355.00	451.00	.6597-02	.7809-02	.8599-02	38.79	.2559	.3557	554.6	.9705-04

OH105B 60-0 FUSELAGE (R3RA25)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	Hf BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
52	.0000	.0000	7.300	1.004	235.1	1498.	369.1	.4261-01	131.9	.2685-04	4110.	.1750-01
65	.0000	.0000	7.300	.9880	235.7	1515.	373.5	.4267-01	133.5	.2657-04	4134.	.1750-01
72	.0000	.0000	7.300	1.037	235.4	1472.	362.0	.4234-01	129.4	.2746-04	4070.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
52	.0000	.1269
65	.0000	.1271
72	.0000	.1268

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
72	.00000	.00000	1.0000	.7612	.9046	.9986	28.95	22.03	.3691	556.8	.3188-01
72	.00000	.50000-02	2.0000	.4689	.5572	.6151	28.95	13.57	.3690	556.7	.1964-01
72	.00000	.10000-01	3.0000	.2999	.3563	.3933	28.96	8.686	.3687	556.2	.1256-01
72	.00000	.20000-01	4.0000	.1473	.1751	.1933	28.94	4.264	.3693	557.1	.6172-02
72	.00000	.30000-01	5.0000	.8814-01	.1047	.1156	29.00	2.556	.3680	555.2	.3691-02
72	.00000	.40000-01	6.0000	.7074-01	.8403-01	.9274-01	29.01	2.052	.3677	554.7	.2962-02
72	.00000	.50000-01	7.0000	.5188-01	.6162-01	.6800-01	29.03	1.506	.3673	554.2	.2172-02
72	.00000	.60000-01	8.0000	.4755-01	.5648-01	.6234-01	29.02	1.380	.3676	554.6	.1991-02
72	.00000	.70000-01	9.0000	.3683-01	.4375-01	.4828-01	29.02	1.069	.3674	554.3	.1542-02
72	.00000	.80000-01	10.000	.2551-01	.3030-01	.3344-01	29.03	.7407	.3673	554.1	.1068-02
72	.00000	.90000-01	11.000	.2339-01	.2778-01	.3066-01	29.02	.6789	.3675	554.4	.9794-03
72	.00000	.10000+00	12.000	.1924-01	.2285-01	.2522-01	29.02	.5583	.3676	554.5	.8056-03
72	.00000	.12000	13.000	.1496-01	.1776-01	.1960-01	29.03	.4341	.3673	554.1	.6261-03
72	.00000	.13000	14.000	.1381-01	.1640-01	.1810-01	29.03	.4009	.3673	554.1	.5781-03
72	.00000	.14000	15.000	.1181-01	.1403-01	.1548-01	29.03	.3429	.3673	554.1	.4945-03
72	.00000	.15000	16.000	.1230-01	.1461-01	.1613-01	29.02	.3570	.3676	554.5	.5152-03
72	.00000	.16000	17.000	.8943-02	.1062-01	.1172-01	29.06	.2599	.3667	553.3	.3744-03

OH105B 60-0 FUSELAGE (R3RA25)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
72	.00000	.17000	18.000	.1069-01	.1270-01	.1402-01	29.01	.3101	.3677	554.8	.4476-03
72	.00000	.18000	19.000	.9737-02	.1157-01	.1277-01	29.01	.2824	.3678	554.9	.4077-03
72	.00000	.19000	20.000	.9836-02	.1169-01	.1290-01	28.99	.2852	.3681	555.3	.4119-03
72	.00000	.20000	21.000	.8541-02	.1015-01	.1120-01	28.98	.2476	.3683	555.6	.3577-03
72	.00000	.25000	23.000	.7244-02	.8607-02	.9501-02	28.97	.2098	.3686	556.1	.3034-03
72	.00000	.35000	25.000	.1921-02	.2275-02	.2506-02	29.51	.5670-01	.3572	538.9	.8026-04
72	.00000	.40000	26.000	.3079-02	.3656-02	.4034-02	29.07	.8950-01	.3665	553.0	.1289-03
65	.00000	.45000	1027.0	.1066-02	.1261-02	.1388-02	30.62	.3263-01	.3546	551.9	.4532-04
65	.00000	.55000	1029.0	.2137-02	.2529-02	.2785-02	30.62	.6544-01	.3547	552.0	.9091-04
65	.00000	.60000	1030.0	.1603-02	.1897-02	.2089-02	30.62	.4909-01	.3545	551.8	.6819-04
65	.00000	.65000	1031.0	.1987-02	.2351-02	.2588-02	30.62	.6085-01	.3545	551.8	.8451-04
65	.00000	.70000	1032.0	.1631-02	.1930-02	.2124-02	30.62	.4992-01	.3547	552.1	.6936-04
65	.00000	.75000	1033.0	.3089-02	.3655-02	.4024-02	30.62	.9459-01	.3546	551.9	.1314-03
65	.00000	.80000	1034.0	.2555-02	.3024-02	.3329-02	30.61	.7822-01	.3548	552.2	.1087-03
65	.00000	.85000	1035 0	.3342-02	.3955-02	.4354-02	30.61	.1023	.3548	552.3	.1422-03
65	.00000	.90000	1036.0	.3279-02	.3880-02	.4272-02	30.61	.1004	.3549	552.3	.1395-03
65	.00000	.95000	1038.0	.2644-02	.3128-02	.3444-02	30.64	.8100-01	.3543	551.4	.1125-03
65	.00000	.97500	1039.0	.1969-02	.2330-02	.2564-02	30.67	.6040-01	.3536	550.4	.8375-04
72	.00000	1.0450	42.000	.1965-02	.2332-02	.2573-02	29.14	.5725-01	.3651	550.8	.8222-04
72	10.000	.10000+00	45.000	.2451-01	.2912-01	.3214-01	29.02	.7113	.3676	554.6	.1026-02
72	14.000	.50000-01	44.000	.5874-01	.6978-01	.7702-01	29.00	1.704	.3679	555.1	.2460-02
72	20.000	.10000+00	207.00	.3963-01	.4707-01	.5195-01	29.03	1.151	.3672	554.0	.1659-02
72	20.000	.15000	211.00	.1804-01	.2142-01	.2364-01	29.05	.5240	.3669	553.6	.7551-03
72	22.000	.50000-01	202.00	.1365-02	.1616-02	.1778-02	29.67	.4051-01	.3540	534.0	.5700-04
72	24.000	.20000	48.000	.1111-01	.1319-01	.1456-01	29.06	.3228	.3668	553.3	.4651-03
72	24.500	.10000+00	208.00	.4965-01	.5897-01	.6507-01	29.04	1.442	.3671	553.8	.2079-02
72	25.500	.15000	212.00	.2286-01	.2715-01	.2996-01	29.06	.6644	.3667	553.3	.9571-03
72	31.500	.20000	215.00	.1349-01	.1602-01	.1768-01	29.05	.3919	.3668	553.5	.5647-03
72	35.000	.50000-01	203.00	.1086	.1290	.1424	28.98	3.147	.3683	555.6	.4546-02
72	35.000	.20000	216.00	.1597-01	.1896-01	.2093-01	29.05	.4639	.3669	553.5	.6685-03
72	39.000	.10000+00	209.00	.6195-01	.7358-01	.8121-01	29.02	1.798	.3676	554.5	.2594-02
72	40.000	.20000	217.00	.1806-01	.2145-01	.2367-01	29.04	.5244	.3672	553.9	.7561-03
72	42.500	.50000-01	204.00	.9650-01	.1147	.1266	28.96	2.794	.3688	556.4	.4042-02
72	45.500	.15000	214.00	.4528-01	.5376-01	.5932-01	29.09	1.317	.3660	552.1	.1895-02
72	51.000	.20000	218.00	.2194-01	.2606-01	.2876-01	29.04	.6371	.3672	553.9	.9186-03
72	60.000	.50000-01	205.00	.1230	.1461	.1613	28.95	3.560	.3690	556.8	.5151-02
72	67.500	.20000	219.00	.1395-01	.1657-01	.1829-01	29.04	.4052	.3670	553.8	.5841-03
72	114.00	.70000	394.00	.8807-02	.1046-01	.1155-01	28.97	.2551	.3686	556.1	.3688-03
72	157.50	.40000	223.00	.3703-02	.4399-02	.4855-02	29.01	.1074	.3678	554.9	.1551-03
72	157.50	.50000	225.00	.1121-01	.1332-01	.1470-01	29.02	.3255	.3674	554.4	.4696-03
72	157.50	.70000	229.00	.1302-01	.1546-01	.1707-01	29.03	.3780	.3672	554.0	.5451-03
72	157.50	.80000	231.00	.8948-03	.1058-02	.1165-02	29.70	.2658-01	.3533	533.0	.3735-04
72	180.00	.40000	182.00	.5664-02	.6727-02	.7424-02	29.03	.1644	.3674	554.3	.2371-03

OH105B 60-0 FUSELAGE (R3RA25)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
72	180.00	.50000	184.00	.1686-01	.2000-01	.2206-01	29.18	.4919	.3641	549.4	.7052-03
72	180.00	.60000	196.00	.1974-01	.2345-01	.2588-01	29.03	.5731	.3674	554.3	.8267-03
72	180.00	.80000	190.00	.2100-01	.2495-01	.2754-01	29.01	.6093	.3678	554.9	.8795-03
72	315.00	.50000	236.00	.4148-02	.4927-02	.5438-02	29.00	.1203	.3679	555.1	.1737-03
72	315.00	.80000	242.00	.1596-01	.1897-01	.2094-01	28.95	.4621	.3689	556.5	.6685-03

OH105B 60-0 FUSELAGE (R3RA26)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
53	.0000	.0000	7.300	1.932	466.4	1526.	376.2	.8360-01	134.5	.5216-04	4150.	.1750-01
66	.0000	.0000	7.300	1.977	466.5	1506.	371.0	.8373-01	132.6	.5298-04	4120.	.1750-01
71	.0000	.0000	7.300	1.951	465.2	1515.	373.4	.8345-01	133.5	.5246-04	4134.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
53	.0000	.1789
66	.0000	.1788
71	.0000	.1786

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
71	.00000	.00000	1.0000	.7809	.9248	1.019	42.82	33.44	.3574	556.1	.2365-01
71	.00000	.50000-02	2.0000	.4843	.5736	.6318	42.84	20.75	.3571	555.8	.1467-01
71	.00000	.10000-01	3.0000	.3095	.3664	.4036	42.86	13.26	.3568	555.2	.9373-02
71	.00000	.20000-01	4.0000	.1514	.1793	.1975	42.83	6.486	.3573	555.9	.4587-02
71	.00000	.30000-01	5.0000	.8997-01	.1065	.1173	42.93	3.863	.3557	553.6	.2724-02
71	.00000	.40000-01	6.0000	.7274-01	.8610-01	.9480-01	42.95	3.124	.3555	553.2	.2202-02
71	.00000	.50000-01	7.0000	.5372-01	.6358-01	.7000-01	42.98	2.309	.3551	552.6	.1626-02
71	.00000	.60000-01	8.0000	.4871-01	.5765-01	.6347-01	42.98	2.094	.3551	552.5	.1475-02
71	.00000	.70000-01	9.0000	.3738-01	.4424-01	.4871-01	43.00	1.608	.3548	552.1	.1132-02
71	.00000	.80000-01	10.000	.2616-01	.3095-01	.3408-01	43.01	1.125	.3547	551.9	.7918-03
71	.00000	.90000-01	11.000	.2371-01	.2806-01	.3089-01	43.02	1.020	.3545	551.6	.7178-03
71	.00000	.10000+00	12.000	.1941-01	.2302-01	.2538-01	42.45	.8239	.3626	564.3	.5885-03
71	.00000	.12000	13.000	.1485-01	.1757-01	.1934-01	43.04	.6393	.3541	551.1	.4495-03
71	.00000	.13000	14.000	.1373-01	.1625-01	.1788-01	43.05	.5912	.3540	550.9	.4156-03
71	.00000	.14000	15.000	.1213-01	.1435-01	.1580-01	43.06	.5223	.3540	550.8	.3672-03
71	.00000	.15000	16.000	.1212-01	.1434-01	.1579-01	43.04	.5218	.3542	551.2	.3669-03
71	.00000	.16000	17.000	.1192-01	.1409-01	.1550-01	43.20	.5147	.3519	547.7	.3605-03

OH105B 60-0 FUSELAGE (R3RA26)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
71	.00000	.17000	18.000	.1036-01	.1226-01	.1350-01	43.04	.4461	.3542	551.2	.3137-03
71	.00000	.18000	19.000	.1021-01	.1209-01	.1330-01	43.04	.4396	.3542	551.2	.3092-03
71	.00000	.19000	20.000	.9108-02	.1078-01	.1186-01	43.03	.3920	.3543	551.3	.2757-03
71	.00000	.20000	21.000	.8448-02	.9996-02	.1100-01	43.03	.3635	.3544	551.5	.2557-03
71	.00000	.25000	23.000	.6398-02	.7570-02	.8334-02	43.03	.2753	.3544	551.4	.1937-03
71	.00000	.35000	25.000	.1612-02	.1903-02	.2092-02	43.55	.7018-01	.3469	539.8	.4870-04
71	.00000	.40000	26.000	.3132-02	.3705-02	.4078-02	43.10	.1350	.3534	549.9	.9479-04
66	.00000	.45000	1027.0	.2322-02	.2749-02	.3027-02	42.65	.9901-01	.3566	551.2	.6993-04
66	.00000	.55000	1029.0	.2747-02	.3253-02	.3582-02	42.64	.1171	.3567	551.5	.8274-04
66	.00000	.60000	1030.0	.3791-02	.4490-02	.4945-02	42.61	.1616	.3571	552.1	.1142-03
66	.00000	.65000	1031.0	.3036-02	.3594-02	.3959-02	42.63	.1294	.3569	551.7	.9144-04
66	.00000	.70000	1032.0	.4340-02	.5140-02	.5662-02	42.59	.1849	.3574	552.5	.1308-03
66	.00000	.75000	1033.0	.3710-02	.4394-02	.4840-02	42.60	.1580	.3573	552.4	.1118-03
66	.00000	.80000	1034.0	.3627-02	.4295-02	.4731-02	42.60	.1545	.3573	552.4	.1093-03
66	.00000	.85000	1035.0	.3251-02	.3850-02	.4241-02	42.60	.1385	.3573	552.3	.9793-04
66	.00000	.90000	1036.0	.3700-02	.4382-02	.4827-02	42.57	.1575	.3577	553.1	.1115-03
66	.00000	.95000	1038.0	.4443-02	.5263-02	.5797-02	42.56	.1891	.3579	553.3	.1339-03
66	.00000	.97500	1039.0	.2954-02	.3498-02	.3852-02	42.62	.1259	.3570	551.9	.8897-04
71	.00000	1.0150	40.000	.3330-03	.3928-03	.4315-03	43.81	.1459-01	.3432	534.1	.1005-04
71	.00000	1.0300	41.000	.1590-02	.1880-02	.2069-02	43.18	.6864-01	.3522	548.0	.4809-04
71	.00000	1.0450	42.000	.2310-02	.2734-02	.3010-02	42.96	.9923-01	.3554	553.0	.6993-04
71	10.000	.10000+00	45.000	.2391-01	.2829-01	.3115-01	43.00	1.028	.3548	552.1	.7237-03
71	14.000	.50000-01	44.000	.5958-01	.7052-01	.7766-01	42.93	2.558	.3558	553.7	.1804-02
71	20.000	.10000+00	207.00	.4137-01	.4896-01	.5390-01	42.99	1.779	.3549	552.2	.1252-02
71	20.000	.15000	211.00	.1868-01	.2210-01	.2433-01	43.04	.8040	.3542	551.2	.5654-03
71	22.000	.50000-01	202.00	.6861-03	.8097-03	.8898-03	43.70	.2998-01	.3448	536.5	.2073-04
71	24.000	.20000	48.000	.1134-01	.1341-01	.1476-01	43.09	.4885	.3535	550.2	.3431-03
71	24.500	.10000+00	208.00	.5153-01	.6098-01	.6714-01	42.98	2.215	.3551	552.6	.1560-02
71	25.500	.15000	212.00	.2547-01	.3014-01	.3318-01	43.01	1.095	.3547	551.9	.7710-03
71	31.500	.20000	215.00	.1438-01	.1701-01	.1873-01	43.08	.6194	.3537	550.4	.4352-03
71	35.000	.50000-01	203.00	.1103	.1305	.1437	42.89	4.729	.3563	554.5	.3339-02
71	35.000	.20000	216.00	.1685-01	.1993-01	.2194-01	43.07	.7258	.3537	550.5	.5100-03
71	39.000	.10000+00	209.00	.6783-01	.8027-01	.8837-01	43.00	2.917	.3548	552.1	.2053-02
71	40.000	.20000	217.00	.1943-01	.2298-01	.2530-01	43.07	.8367	.3538	550.5	.5880-03
71	42.500	.50000-01	204.00	.9784-01	.1159	.1276	42.85	4.192	.3570	555.5	.2963-02
71	45.500	.15000	214.00	.4788-01	.5664-01	.6234-01	43.09	2.063	.3534	550.0	.1448-02
71	51.000	.20000	218.00	.2293-01	.2713-01	.2986-01	43.07	.9876	.3538	550.6	.6941-03
71	60.000	.50000-01	205.00	.1254	.1485	.1636	42.84	5.373	.3572	555.8	.3799-02
71	67.500	.20000	219.00	.1429-01	.1690-01	.1861-01	43.08	.6156	.3536	550.2	.4324-03
71	114.00	.40000	388.00	.5561-02	.6565-02	.7216-02	43.60	.2424	.3462	538.7	.1680-03
71	114.00	.70000	394.00	.1929-01	.2283-01	.2514-01	42.94	.8283	.3556	553.4	.5841-03
71	157.50	.40000	223.00	.5220-02	.6176-02	.6799-02	43.03	.2246	.3543	551.3	.1580-03
71	157.50	.50000	225.00	.2073-01	.2453-01	.2701-01	43.01	.8917	.3546	551.8	.6275-03

OH105B 60-0 FUSELAGE (R3RA26)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
71	157.50	.70000	229.00	.2069-01	.2449-01	.2697-01	42.96	.8889	.3554	553.1	.6265-03
71	157.50	.80000	231.00	.3703-03	.4369-03	.4801-03	43.76	.1621-01	.3438	535.1	.1118-04
71	180.00	.40000	182.00	.6941-02	.8216-02	.9047-02	42.94	.2980	.3557	553.5	.2102-03
71	180.00	.50000	184.00	.1963-01	.2321-01	.2554-01	43.20	.8479	.3519	547.6	.5938-03
71	180.00	.60000	186.00	.2592-01	.3067-01	.3376-01	43.03	1.115	.3544	551.5	.7845-03
71	180.00	.70000	188.00	.4280-03	.5049-03	.5548-03	43.77	.1873-01	.3437	534.9	.1293-04
71	180.00	.80000	190.00	.2790-01	.3302-01	.3635-01	42.97	1.199	.3552	552.7	.8446-03
71	315.00	.50000	236.00	.2358-02	.2791-02	.3072-02	42.99	.1014	.3549	552.2	.7139-04
71	315.00	.80000	242.00	.3247-01	.3844-01	.4233-01	42.89	1.393	.3563	554.5	.9832-03

OH105B 60-0 FUSELAGE (R3RA27)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
54	.0000	.0000	7.300	2.857	699.3	1538.	379.5	.1252	135.7	.7745-04	4168.	.1750-01
67	.0000	.0000	7.300	2.943	699.6	1512.	372.7	.1255	133.2	.7906-04	4130.	.1750-01
70	.0000	.0000	7.300	2.975	699.2	1502.	370.0	.1255	132.3	.7965-04	4115.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
54	.0000	.2191
67	.0000	.2190
70	.0000	.2188

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
70	.00000	.00000	1.0000	.7778	.9220	1.016	51.72	40.22	.3607	556.2	.1912-01
70	.00000	.50000-02	2.0000	.4821	.5715	.6298	51.77	24.96	.3602	555.3	.1185-01
70	.00000	.10000-01	3.0000	.3082	.3652	.4025	51.80	15.96	.3598	554.7	.7575-02
70	.00000	.20000-01	4.0000	.1434	.1700	.1873	51.76	7.422	.3603	555.5	.3525-02
70	.00000	.30000-01	5.0000	.9065-01	.1074	.1183	51.88	4.703	.3588	553.3	.2228-02
70	.00000	.40000-01	6.0000	.7247-01	.8585-01	.9459-01	51.91	3.762	.3585	552.8	.1781-02
70	.00000	.50000-01	7.0000	.5364-01	.6355-01	.7001-01	51.90	2.784	.3585	552.8	.1318-02
70	.00000	.60000-01	8.0000	.4818-01	.5708-01	.6289-01	51.90	2.501	.3586	552.9	.1184-02
70	.00000	.70000-01	9.0000	.3699-01	.4382-01	.4828-01	51.92	1.921	.3583	552.5	.9090-03
70	.00000	.80000-01	10.000	.2699-01	.3197-01	.3522-01	51.91	1.401	.3584	552.7	.6631-03
70	.00000	.90000-01	11.000	.2314-01	.2742-01	.3021-01	51.90	1.201	.3586	552.9	.5687-03
70	.00000	.10000+00	12.000	.1920-01	.2275-01	.2507-01	51.89	.9965	.3587	553.1	.4719-03
70	.00000	.12000	13.000	.1469-01	.1741-01	.1918-01	51.89	.7625	.3587	553.0	.3611-03
70	.00000	.13000	14.000	.1356-01	.1606-01	.1770-01	51.88	.7034	.3588	553.2	.3332-03
70	.00000	.14000	15.000	.1210-01	.1434-01	.1580-01	51.88	.6279	.3588	553.3	.2974-03
70	.00000	.15000	16.000	.1131-01	.1340-01	.1477-01	51.85	.5864	.3592	553.8	.2779-03
70	.00000	.16000	17.000	.1069-01	.1266-01	.1395-01	51.88	.5546	.3588	553.2	.2627-03

OH105B 60-0 FUSELAGE (R3RA27)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
70	.00000	.17000	18.000	.1016-01	.1204-01	.1327-01	51.82	.5266	.3596	554.4	.2498-03
70	.00000	.18000	19.000	.9846-02	.1167-01	.1286-01	51.82	.5102	.3596	554.4	.2420-03
70	.00000	.19000	20.000	.8779-02	.1040-01	.1147-01	51.79	.4546	.3599	554.9	.2158-03
70	.00000	.20000	21.000	.7889-02	.9350-02	.1030-01	51.76	.4083	.3602	555.4	.1939-03
70	.00000	.25000	23.000	.5654-02	.6702-02	.7387-02	51.72	.2924	.3608	556.3	.1390-03
70	.00000	.35000	25.000	.1092-02	.1291-02	.1421-02	52.56	.5742-01	.3507	540.8	.2680-04
70	.00000	.40000	26.000	.2539-02	.3008-02	.3315-02	51.82	.1315	.3596	554.4	.6240-04
67	.00000	.45000	1027.0	.2233-02	.2645-02	.2914-02	52.34	.1169	.3582	556.4	.5510-04
67	.00000	.55000	1029.0	.2667-02	.3160-02	.3482-02	52.28	.1394	.3589	557.4	.6582-04
67	.00000	.60000	1030.0	.3978-02	.4714-02	.5194-02	52.25	.2079	.3593	558.0	.9819-04
67	.00000	.65000	1031.0	.4546-02	.5386-02	.5935-02	52.26	.2376	.3591	557.7	.1122-03
67	.00000	.70000	1032.0	.4559-02	.5403-02	.5954-02	52.21	.2380	.3597	558.7	.1125-03
67	.00000	.75000	1033.0	.5009-02	.5936-02	.6541-02	52.22	.2616	.3596	558.5	.1236-03
67	.00000	.80000	1034.0	.4492-02	.5324-02	.5867-02	52.21	.2345	.3598	558.8	.1109-03
67	.00000	.85000	1035.0	.4551-02	.5393-02	.5943-02	52.21	.2376	.3597	558.7	.1123-03
67	.00000	.90000	1036.0	.5159-02	.6114-02	.6738-02	52.18	.2692	.3601	559.2	.1273-03
67	.00000	.95000	1038.0	.5431-02	.6436-02	.7092-02	52.23	.2837	.3594	558.3	.1341-03
67	.00000	.97500	1039.0	.5017-02	.5942-02	.6546-02	52.36	.2627	.3579	555.9	.1238-03
70	.00000	1.0150	40.000	.5520-03	.6519-03	.7168-03	52.85	.2917-01	.3474	535.6	.1353-04
70	.00000	1.0300	41.000	.2754-02	.3259-02	.3587-02	52.30	.1441	.3538	545.6	.6761-04
70	.00000	1.0450	42.000	.3202-02	.3791-02	.4175-02	52.10	.1668	.3562	549.2	.7864-04
70	10.000	.10000+00	45.000	.2369-01	.2807-01	.3092-01	51.91	1.230	.3585	552.8	.5822-03
70	14.000	.50000-01	44.000	.5937-01	.7033-01	.7748-01	51.92	3.082	.3584	552.6	.1459-02
70	20.000	.10000+00	207.00	.4077-01	.4829-01	.5320-01	51.93	2.117	.3582	552.3	.1002-02
70	20.000	.15000	211.00	.1821-01	.2157-01	.2376-01	51.91	.9453	.3584	552.6	.4474-03
70	22.000	.50000-01	202.00	.5986-03	.7070-03	.7774-03	52.80	.3161-01	.3479	536.4	.1467-04
70	24.000	.20000	48.000	.1105-01	.1309-01	.1443-01	51.88	.5734	.3588	553.2	.2716-03
70	24.500	.10000+00	208.00	.5063-01	.5998-01	.6608-01	51.91	2.628	.3584	552.6	.1244-02
70	25.500	.15000	212.00	.2505-01	.2968-01	.3270-01	51.87	1.299	.3590	553.5	.6156-03
70	31.500	.20000	215.00	.1430-01	.1695-01	.1867-01	51.87	.7419	.3589	553.4	.3515-03
70	35.000	.50000-01	203.00	.1104	.1308	.1441	51.91	5.732	.3585	552.8	.2714-02
70	35.000	.20000	216.00	.1664-01	.1972-01	.2173-01	51.87	.8633	.3590	553.5	.4091-03
70	39.000	.10000+00	209.00	.6594-01	.7811-01	.8605-01	51.93	3.424	.3582	552.3	.1620-02
70	40.000	.20000	217.00	.1911-01	.2265-01	.2496-01	51.85	.9910	.3592	553.9	.4698-03
70	42.500	.50000-01	204.00	.9676-01	.1146	.1263	51.85	5.017	.3591	553.8	.2378-02
70	45.500	.15000	214.00	.4525-01	.5359-01	.5904-01	51.96	2.351	.3578	551.7	.1112-02
70	51.000	.20000	218.00	.2146-01	.2543-01	.2802-01	51.84	1.113	.3592	553.9	.5274-03
70	60.000	.50000-01	205.00	.1258	.1491	.1643	51.79	6.515	.3599	555.0	.3093-02
70	67.500	.20000	219.00	.1349-01	.1598-01	.1761-01	51.86	.6994	.3591	553.7	.3314-03
70	114.00	.40000	388.00	.7598-02	.8989-02	.9894-02	52.32	.3975	.3536	545.2	.1865-03
70	114.00	.70000	394.00	.2497-01	.2960-01	.3262-01	51.75	1.292	.3604	555.6	.6139-03
70	157.50	.40000	223.00	.6525-02	.7735-02	.8524-02	51.75	.3377	.3603	555.6	.1604-03
70	157.50	.50000	225.00	.2391-01	.2834-01	.3123-01	51.79	1.238	.3599	554.9	.5878-03

OH105B 60-0 FUSELAGE (R3RA27)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
70	157.50	.70000	229.00	.2658-01	.3150-01	.3472-01	51.75	1.375	.3604	555.7	.6534-03
70	157.50	.80000	231.00	.1349-03	.1593-03	.1752-03	52.85	.7131-02	.3473	535.5	.3307-05
70	180.00	.40000	182.00	.7642-02	.9056-02	.9979-02	51.82	.3960	.3595	554.3	.1878-03
70	180.00	.50000	184.00	.2276-01	.2696-01	.2959-01	52.01	1.184	.3573	550.9	.5592-03
70	180.00	.60000	186.00	.3061-01	.3628-01	.3999-01	51.77	1.585	.3601	555.3	.7525-03
70	180.00	.80000	190.00	.3089-01	.3662-01	.4036-01	51.72	1.598	.3607	556.1	.7594-03
70	315.00	.50000	236.00	.3268-02	.3873-02	.4268-02	51.79	.1693	.3599	554.9	.8033-04
70	315.00	.80000	242.00	.4530-01	.5370-01	.5920-01	51.69	2.342	.3610	556.7	.1114-02

OH105B 60-0 FUSELAGE (R3RA28)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BOFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
55	.0000	.0000	7.300	3.530	858.9	1533.	378.1	.1539	135.2	.9553-04	4160.	.1750-01
68	.0000	.0000	7.300	3.621	858.8	1510.	372.1	.1541	133.0	.9721-04	4127.	.1750-01
69	.0000	.0000	7.300	3.687	860.4	1496.	368.3	.1545	131.7	.9849-04	4106.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
55	.0000	.2428
68	.0000	.2426
69	.0000	.2427

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
69	.00000	.00000	1.0000	.7771	.9223	1.017	56.70	44.06	.3651	560.4	.1719-01
69	.00000	.50000-02	2.0000	.4840	.5745	.6336	56.75	27.47	.3646	559.7	.1071-01
69	.00000	.10000-01	3.0000	.3112	.3693	.4073	56.79	17.67	.3641	558.9	.6883-02
69	.00000	.20000-01	4.0000	.1503	.1787	.1973	56.18	8.443	.3707	569.0	.3329-02
69	.00000	.30000-01	5.0000	.9156-01	.1086	.1198	56.90	5.210	.3630	557.2	.2025-02
69	.00000	.40000-01	6.0000	.7343-01	.8710-01	.9603-01	56.92	4.180	.3627	556.8	.1624-02
69	.00000	.50000-01	7.0000	.5344-01	.6339-01	.6989-01	56.94	3.043	.3626	556.5	.1182-02
69	.00000	.60000-01	8.0000	.4781-01	.5671-01	.6253-01	56.93	2.722	.3626	556.6	.1057-02
69	.00000	.70000-01	9.0000	.3681-01	.4366-01	.4813-01	56.96	2.097	.3624	556.2	.8138-03
69	.00000	.80000-01	10.000	.2567-01	.3044-01	.3356-01	56.95	1.462	.3624	556.3	.5675-03
69	.00000	.90000-01	11.000	.2300-01	.2728-01	.3008-01	56.94	1.310	.3625	556.5	.5086-03
69	.00000	.10000+00	12.000	.8257-02	.9899-02	.1099-01	53.74	.4437	.3970	609.5	.1841-03
69	.00000	.12000	13.000	.1390-01	.1648-01	.1817-01	56.95	.7914	.3625	556.4	.3072-03
69	.00000	.13000	14.000	.1301-01	.1543-01	.1702-01	56.94	.7409	.3625	556.5	.2877-03
69	.00000	.14000	15.000	.1157-01	.1373-01	.1513-01	56.93	.6588	.3626	556.7	.2559-03
69	.00000	.15000	16.000	.1143-01	.1356-01	.1495-01	56.90	.6503	.3630	557.2	.2527-03
69	.00000	.16000	17.000	.8957-02	.1062-01	.1171-01	57.02	.5108	.3616	555.1	.1980-03

OH105B 60-0 FUSELAGE (R3RA28)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
69	.00000	.17000	18.000	.9889-02	.1173-01	.1294-01	56.86	.5623	.3634	557.8	.2187-03
69	.00000	.18000	19.000	.9450-02	.1121-01	.1236-01	56.86	.5374	.3634	557.8	.2090-03
69	.00000	.19000	20.000	.8416-02	.9986-02	.1101-01	56.82	.4782	.3638	558.5	.1861-03
69	.00000	.20000	21.000	.7917-02	.9395-02	.1036-01	56.80	.4497	.3641	558.9	.1751-03
69	.00000	.25000	23.000	.6077-02	.7212-02	.7955-02	56.76	.3449	.3645	559.5	.1344-03
69	.00000	.35000	25.000	.1104-02	.1307-02	.1438-02	57.76	.6379-01	.3537	543.0	.2437-04
69	.00000	.40000	26.000	.2119-02	.2513-02	.2771-02	56.90	.1206	.3630	557.1	.4685-04
68	.00000	.45000	1027.0	.3401-02	.4027-02	.4435-02	58.05	.1974	.3565	552.8	.7564-04
68	.00000	.55000	1029.0	.3924-02	.4647-02	.5118-02	57.99	.2276	.3571	553.8	.8729-04
68	.00000	.60000	1030.0	.5930-02	.7023-02	.7737-02	57.95	.3436	.3576	554.6	.1319-03
68	.00000	.65000	1031.0	.6291-02	.7451-02	.8207-02	57.98	.3648	.3573	554.0	.1400-03
68	.00000	.70000	1032.0	.7071-02	.8375-02	.9226-02	57.92	.4095	.3579	555.1	.1573-03
68	.00000	.75000	1033.0	.6667-02	.7896-02	.8697-02	57.96	.3864	.3574	554.3	.1483-03
68	.00000	.80000	1034.0	.6298-02	.7459-02	.8216-02	57.95	.3650	.3576	554.5	.1401-03
68	.00000	.85000	1035.0	.6661-02	.7888-02	.8689-02	57.97	.3861	.3574	554.2	.1482-03
68	.00000	.90000	1036.0	.7497-02	.8880-02	.9783-02	57.92	.4342	.3579	555.0	.1668-03
68	.00000	.95000	1038.0	.7372-02	.8731-02	.9619-02	57.92	.4270	.3579	555.0	.1640-03
68	.00000	.97500	1039.0	.7597-02	.8994-02	.9904-02	58.09	.4413	.3561	552.3	.1690-03
69	.00000	1.0150	40.000	.4601-03	.5438-03	.5982-03	58.12	.2674-01	.3499	537.1	.1015-04
69	.00000	1.0300	41.000	.3271-02	.3874-02	.4267-02	57.43	.1879	.3573	548.5	.7225-04
69	.00000	1.0450	42.000	.4140-02	.4907-02	.5408-02	57.17	.2367	.3601	552.8	.9149-04
69	10.000	.10000+00	45.000	.2315-01	.2745-01	.3027-01	56.94	1.318	.3625	556.5	.5118-03
69	14.000	.50000-01	44.000	.6014-01	.7133-01	.7865-01	56.94	3.424	.3626	556.5	.1330-02
69	20.000	.10000+00	207.00	.4107-01	.4870-01	.5369-01	56.98	2.340	.3621	555.8	.9079-03
69	20.000	.15000	211.00	.1801-01	.2136-01	.2355-01	56.97	1.026	.3622	555.9	.3982-03
69	22.000	.50000-01	202.00	.1047-02	.1238-02	.1362-02	58.04	.6076-01	.3508	538.4	.2309-04
69	24.000	.20000	48.000	.1071-01	.1270-01	.1400-01	56.95	.6100	.3624	556.3	.2368-03
69	24.500	.10000+00	208.00	.5116-01	.6068-01	.6689-01	56.97	2.915	.3622	556.0	.1131-02
69	25.500	.15000	212.00	.2473-01	.2933-01	.3234-01	56.96	1.409	.3623	556.2	.5469-03
69	31.500	.20000	215.00	.1395-01	.1655-01	.1824-01	56.95	.7945	.3625	556.4	.3085-03
69	35.000	.50000-01	203.00	.1099	.1303	.1437	56.93	6.255	.3627	556.7	.2430-02
69	35.000	.20000	216.00	.1639-01	.1944-01	.2143-01	56.94	.9330	.3626	556.6	.3623-03
69	39.000	.10000+00	209.00	.6045-01	.7167-01	.7901-01	57.03	3.447	.3616	555.0	.1336-02
69	40.000	.20000	217.00	.1832-01	.2173-01	.2396-01	56.92	1.043	.3628	556.9	.4051-03
69	42.500	.50000-01	204.00	.9731-01	.1154	.1273	56.86	5.533	.3634	557.8	.2152-02
69	45.500	.15000	214.00	.4509-01	.5345-01	.5892-01	57.06	2.573	.3613	554.6	.9966-03
69	51.000	.20000	218.00	.2052-01	.2434-01	.2683-01	56.93	1.168	.3627	556.7	.4537-03
69	60.000	.50000-01	205.00	.1260	.1496	.1650	56.80	7.158	.3641	558.9	.2788-02
69	67.500	.20000	219.00	.1338-01	.1587-01	.1750-01	56.95	.7621	.3625	556.4	.2959-03
69	114.00	.40000	388.00	.2831-02	.3346-02	.3682-02	57.99	.1642	.3512	539.1	.6243-04
69	114.00	.70000	394.00	.2655-01	.3151-01	.3475-01	56.82	1.509	.3638	558.4	.5873-03
69	157.50	.40000	223.00	.1253-01	.1486-01	.1638-01	57.00	.7143	.3619	555.4	.2770-03
69	157.50	.50000	225.00	.2476-01	.2937-01	.3238-01	56.90	1.409	.3629	557.1	.5475-03

OH105B 60-0 FUSELAGE

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
69	157.50	.70000	229.00	.2831-01	.3358-01	.3703-01	56.90	1.611	.3630	557.2	.6259-03
69	157.50	.80000	231.00	.9481-03	.1120-02	.1232-02	58.11	.5509-01	.3500	537.2	.2090-04
69	180.00	.40000	182.00	.7895-02	.9365-02	.1033-01	56.89	.4491	.3631	557.3	.1746-03
69	180.00	.50000	184.00	.2388-01	.2830-01	.3119-01	57.15	1.365	.3603	553.1	.5277-03
69	180.00	.60000	186.00	.3392-01	.4024-01	.4438-01	56.86	1.929	.3634	557.9	.7501-03
69	180.00	.70000	188.00	.3049-03	.3603-03	.3964-03	58.12	.1772-01	.3498	537.0	.6723-05
69	180.00	.80000	190.00	.3075-01	.3649-01	.4024-01	56.82	1.748	.3638	558.4	.6802-03
69	315.00	.50000	236.00	.3092-02	.3668-02	.4045-02	56.87	.1759	.3633	557.6	.6838-04
69	315.00	.70000	240.00	.8507-02	.1009-01	.1113-01	56.91	.4841	.3629	557.0	.1881-03
69	315.00	.80000	242.00	.5411-01	.6421-01	.7081-01	56.80	3.073	.3640	558.8	.1197-02

FUSELAGE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
57	10.00	.0000	7.300	1.046	232.2	1452.	356.8	.4182-01	127.6	.2751-04	4041.	.1750-01
63	10.00	.0000	7.300	.9879	236.7	1519.	374.5	.4244-01	133.9	.2660-04	4140.	.1750-01
73	10.00	.0000	7.300	.9940	236.1	1511.	372.4	.4236-01	133.1	.2670-04	4129.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
57	.0000	.1259
63	.0000	.1274
73	.0000	.1272

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
73	.00000	.00000	1.0000	.7667	.9064	.9973	30.72	23.55	.3514	545.4	.3250-01
73	.00000	.50000-02	2.0000	.5478	.6477	.7126	30.72	16.83	.3514	545.5	.2322-01
73	.00000	.10000-01	3.0000	.3859	.4562	.5020	30.73	11.86	.3512	545.1	.1636-01
73	.00000	.20000-01	4.0000	.2192	.2592	.2852	30.72	6.734	.3514	545.4	.9295-02
73	.00000	.30000-01	5.0000	.1396	.1650	.1815	30.75	4.293	.3506	544.2	.5917-02
73	.00000	.40000-01	6.0000	.1188	.1404	.1544	30.76	3.653	.3505	543.9	.5034-02
73	.00000	.50000-01	7.0000	.9240-01	.1092	.1201	30.78	2.844	.3502	543.6	.3916-02
73	.00000	.60000-01	8.0000	.8783-01	.1038	.1142	30.77	2.702	.3503	543.8	.3723-02
73	.00000	.70000-01	9.0000	.7051-01	.8333-01	.9167-01	30.78	2.170	.3501	543.4	.2989-02
73	.00000	.80000-01	10.000	.5363-01	.6338-01	.6972-01	30.79	1.651	.3500	543.3	.2273-02
73	.00000	.90000-01	11.000	.4858-01	.5742-01	.6316-01	30.78	1.495	.3501	543.4	.2059-02
73	.00000	.10000+00	12.000	.4216-01	.4983-01	.5482-01	30.78	1.298	.3501	543.4	.1787-02
73	.00000	.12000	13.000	.3453-01	.4081-01	.4489-01	30.79	1.063	.3499	543.1	.1464-02
73	.00000	.13000	14.000	.3326-01	.3930-01	.4323-01	30.79	1.024	.3499	543.1	.1410-02
73	.00000	.14000	15.000	.2932-01	.3465-01	.3812-01	30.80	.9032	.3497	542.8	.1243-02
73	.00000	.15000	16.000	.2900-01	.3427-01	.3770-01	30.79	.8928	.3500	543.2	.1229-02
73	.00000	.16000	17.000	.2774-01	.3278-01	.3606-01	30.78	.8538	.3501	543.4	.1176-02

OH105B 60-0 FUSELAGE (R3RA29)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
73	.00000	.17000	18.000	.2666-01	.3151-01	.3466-01	30.78	.8207	.3501	543.3	.1130-02
73	.00000	.18000	19.000	.2622-01	.3099-01	.3408-01	30.79	.8072	.3500	543.2	.1111-02
73	.00000	.19000	20.000	.2487-01	.2940-01	.3234-01	30.78	.7656	.3501	543.4	.1054-02
73	.00000	.20000	21.000	.2341-01	.2767-01	.3044-01	30.78	.7206	.3502	543.6	.9924-03
73	.00000	.25000	23.000	.1954-01	.2309-01	.2540-01	30.77	.6011	.3503	543.7	.8281-03
73	.00000	.35000	25.000	.3843-02	.4536-02	.4985-02	31.01	.1192	.3455	536.2	.1627-03
73	.00000	.40000	26.000	.1140-01	.1347-01	.1481-01	30.82	.3513	.3493	542.2	.4831-03
63	.00000	.45000	1027.0	.1411-01	.1668-01	.1835-01	30.99	.4373	.3503	546.8	.5994-03
63	.00000	.55000	1029.0	.1111-01	.1313-01	.1444-01	30.99	.3441	.3503	546.7	.4717-03
63	.00000	.60000	1030.0	.9566-02	.1131-01	.1244-01	30.99	.2964	.3503	546.8	.4063-03
63	.00000	.65000	1031.0	.8553-02	.1011-01	.1112-01	31.00	.2652	.3500	546.3	.3633-03
63	.00000	.70000	1032.0	.8174-02	.9661-02	.1063-01	30.99	.2533	.3502	546.6	.3472-03
63	.00000	.75000	1033.0	.8139-02	.9619-02	.1058-01	31.00	.2523	.3500	546.3	.3457-03
63	.00000	.80000	1034.0	.9331-02	.1103-01	.1213-01	30.99	.2891	.3503	546.7	.3963-03
63	.00000	.85000	1035.0	.9051-02	.1070-01	.1177-01	30.99	.2805	.3502	546.7	.3844-03
63	.00000	.90000	1036.0	.8596-02	.1016-01	.1118-01	30.99	.2664	.3502	546.6	.3651-03
63	.00000	.92500	1037.0	.1233-02	.1458-02	.1604-02	30.99	.3822-01	.3502	546.6	.5239-04
63	.00000	.95000	1038.0	.4879-02	.5766-02	.6342-02	31.02	.1514	.3496	545.6	.2072-03
63	.00000	.97500	1039.0	.4837-02	.5714-02	.6284-02	31.06	.1502	.3489	544.5	.2054-03
73	.00000	1.0300	41.000	.5283-02	.6237-02	.6856-02	30.96	.1636	.3464	537.6	.2237-03
73	.00000	1.0450	42.000	.2700-02	.3190-02	.3507-02	30.88	.8340-01	.3480	540.1	.1144-03
73	10.000	.10000+00	45.000	.4812-01	.5687-01	.6255-01	30.78	1.481	.3501	543.4	.2039-02
73	14.000	.50000-01	44.000	.9828-01	.1162	.1278	30.76	3.023	.3506	544.2	.4166-02
73	20.000	.10000+00	207.00	.7717-01	.9121-01	.1003	30.79	2.376	.3500	543.2	.3271-02
73	20.000	.15000	211.00	.4054-01	.4791-01	.5270-01	30.80	1.249	.3496	542.6	.1718-02
73	24.000	.20000	48.000	.2613-01	.3087-01	.3396-01	30.83	.8055	.3492	542.0	.1107-02
73	24.500	.10000+00	208.00	.9165-01	.1083	.1192	30.77	2.820	.3502	543.6	.3885-02
73	25.500	.15000	212.00	.5213-01	.6161-01	.6777-01	30.79	1.605	.3499	543.0	.2210-02
73	31.500	.20000	215.00	.3145-01	.3718-01	.4083-01	30.82	.9698	.3492	542.1	.1333-02
73	35.000	.50000-01	203.00	.1374	.1624	.1786	30.75	4.224	.3508	544.4	.5823-02
73	35.000	.20000	216.00	.3614-01	.4270-01	.4696-01	30.82	1.114	.3493	542.1	.1531-02
73	39.000	.10000+00	209.00	.7681-01	.9076-01	.9982-01	30.83	2.368	.3492	542.0	.3255-02
73	40.000	.20000	217.00	.3868-01	.4570-01	.5027-01	30.82	1.192	.3493	542.2	.1639-02
73	42.500	.50000-01	204.00	.9684-01	.1145	.1260	30.73	2.976	.3511	545.0	.4106-02
73	45.500	.15000	214.00	.6503-01	.7683-01	.8450-01	30.83	2.005	.3490	541.7	.2755-02
73	51.000	.20000	218.00	.3762-01	.4445-01	.4889-01	30.82	1.159	.3493	542.2	.1594-02
73	60.000	.50000-01	205.00	.8311-01	.9825-01	.1081	30.73	2.554	.3511	545.0	.3523-02
73	67.500	.20000	219.00	.1904-01	.2250-01	.2475-01	30.82	.5869	.3494	542.2	.8071-03
73	114.00	.70000	394.00	.1200-01	.1418-01	.1560-01	30.79	.3695	.3499	543.1	.5086-03
73	157.50	.40000	223.00	.1039-01	.1228-01	.1351-01	30.80	.3201	.3497	542.7	.4405-03
73	157.50	.50000	225.00	.3352-02	.3960-02	.4356-02	30.82	.1033	.3493	542.2	.1420-03
73	157.50	.70000	229.00	.6312-02	.7459-02	.8204-02	30.81	.1945	.3495	542.5	.2675-03
73	180.00	.40000	182.00	.4788-02	.5658-02	.6223-02	30.82	.1476	.3493	542.1	.2029-03

OH105B 60-0 FUSELAGE (R3RA29)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
73	180.00	.50000	184.00	.3216-02	.3799-02	.4178-02	30.87	.9929-01	.3483	540.5	.1363-03
73	180.00	.60000	186.00	.9362-03	.1106-02	.1217-02	30.82	.2885-01	.3494	542.3	.3968-04
73	180.00	.80000	190.00	.7502-02	.8865-02	.9751-02	30.79	.2310	.3498	543.0	.3179-03
73	315.00	.50000	236.00	.1586-02	.1874-02	.2061-02	30.80	.4885-01	.3496	542.6	.6721-04
73	315.00	.80000	242.00	.2443-02	.2888-02	.3177-02	30.77	.7517-01	.3503	543.8	.1036-03

FUSELAGE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
56	10.00	.0000	7.300	1.934	463.8	1520.	374.7	.8316-01	134.0	.5210-04	4141.	.1750-01
64	10.00	.0000	7.300	1.915	465.9	1533.	378.1	.8347-01	135.2	.5182-04	4160.	.1750-01
74	10.00	.0000	7.300	1.946	465.5	1518.	374.1	.8347-01	133.7	.5238-04	4138.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
56	.0000	.1783
64	.0000	.1788
74	.0000	.1786

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
74	.00000	.00000	1.0000	.7444	.8801	.9685	43.31	32.24	.3517	548.3	.2254-01
74	.00000	.50000-02	2.0000	.5344	.6318	.6952	43.32	23.15	.3515	548.0	.1618-01
74	.00000	.10000-01	3.0000	.3783	.4478	.4927	43.35	16.42	.3511	547.4	.1147-01
74	.00000	.20000-01	4.0000	.2168	.2563	.2819	43.36	9.399	.3510	547.2	.6563-02
74	.00000	.30000-01	5.0000	.1383	.1635	.1799	43.41	6.005	.3503	546.1	.4188-02
74	.00000	.40000-01	6.0000	.1159	.1370	.1507	43.42	5.034	.3500	545.7	.3509-02
74	.00000	.50000-01	7.0000	.9013-01	.1065	.1172	43.45	3.916	.3496	545.1	.2728-02
74	.00000	.60000-01	8.0000	.8552-01	.1011	.1112	43.44	3.715	.3499	545.4	.2588-02
74	.00000	.70000-01	9.0000	.6901-01	.8155-01	.8969-01	43.46	2.999	.3495	544.9	.2089-02
74	.00000	.80000-01	10.000	.5270-01	.6228-01	.6850-01	43.47	2.291	.3494	544.8	.1595-02
74	.00000	.90000-01	11.000	.4741-01	.5602-01	.6161-01	43.46	2.060	.3495	544.8	.1435-02
74	.00000	.10000+00	12.000	.4054-01	.4791-01	.5269-01	43.46	1.762	.3495	544.9	.1227-02
74	.00000	.12000	13.000	.3324-01	.3927-01	.4319-01	43.48	1.445	.3492	544.4	.1006-02
74	.00000	.13000	14.000	.3056-01	.3611-01	.3971-01	43.48	1.329	.3492	544.5	.9249-03
74	.00000	.14000	15.000	.2807-01	.3317-01	.3648-01	43.48	1.221	.3492	544.4	.8496-03
74	.00000	.15000	16.000	.2776-01	.3280-01	.3607-01	43.47	1.207	.3493	544.6	.8401-03
74	.00000	.16000	17.000	.2720-01	.3215-01	.3536-01	43.46	1.182	.3495	544.9	.8234-03

OH105B 60-0 FUSELAGE (R3RA30)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
74	.00000	.17000	18.000	.2583-01	.3053-01	.3357-01	43.47	1.123	.3494	544.8	.7819-03
74	.00000	.18000	19.000	.2519-01	.2977-01	.3274-01	43.47	1.095	.3494	544.7	.7624-03
74	.00000	.19000	20.000	.2377-01	.2809-01	.3090-01	43.45	1.033	.3496	545.1	.7196-03
74	.00000	.20000	21.000	.2336-01	.2760-01	.3036-01	43.45	1.015	.3497	545.2	.7070-03
74	.00000	.25000	23.000	.1919-01	.2268-01	.2494-01	43.44	.8336	.3498	545.4	.5808-03
74	.00000	.35000	25.000	.3771-02	.4450-02	.4889-02	43.84	.1653	.3440	536.4	.1140-03
74	.00000	.40000	26.000	.1072-01	.1267-01	.1393-01	43.50	.4663	.3489	544.0	.3244-03
64	.00000	.45000	1027.0	.1140-01	.1347-01	.1481-01	44.04	.5022	.3483	548.8	.3471-03
64	.00000	.55000	1029.0	.8421-02	.9948-02	.1094-01	44.04	.3708	.3483	548.9	.2564-03
64	.00000	.60000	1030.0	.7092-02	.8379-02	.9214-02	44.02	.3122	.3486	549.3	.2159-03
64	.00000	.65000	1031.0	.6533-02	.7717-02	.8486-02	44.03	.2876	.3484	549.0	.1989-03
64	.00000	.70000	1032.0	.6394-02	.8263-02	.9087-02	44.00	.3077	.3489	549.8	.2129-03
64	.00000	.75000	1033.0	.5941-02	.7019-02	.7719-02	44.02	.2615	.3486	549.3	.1809-03
64	.00000	.80000	1034.0	.5581-02	.6593-02	.7251-02	44.01	.2456	.3487	549.5	.1699-03
64	.00000	.85000	1035.0	.5327-02	.6293-02	.6921-02	44.02	.2345	.3486	549.3	.1622-03
64	.00000	.90000	1036.0	.5405-02	.6385-02	.7023-02	43.99	.2378	.3490	549.8	.1646-03
64	.00000	.95000	1038.0	.5438-02	.6425-02	.7066-02	43.99	.2392	.3490	549.9	.1656-03
64	.00000	.97500	1039.0	.3799-02	.4487-02	.4934-02	44.07	.1674	.3479	548.1	.1156-03
74	.00000	1.0450	42.000	.2747-02	.3245-02	.3568-02	43.58	.1197	.3477	542.2	.8312-04
74	10.000	.10000+00	45.000	.4791-01	.5661-01	.6227-01	43.45	2.082	.3496	545.1	.1450-02
74	14.000	.50000-01	44.000	.9629-01	.1138	.1252	43.42	4.180	.3501	545.9	.2915-02
74	20.000	.10000+00	207.00	.7580-01	.8957-01	.9852-01	43.47	3.295	.3494	544.7	.2294-02
74	20.000	.15000	211.00	.3902-01	.4610-01	.5070-01	43.50	1.697	.3489	544.0	.1181-02
74	24.000	.20000	48.000	.2504-01	.2958-01	.3253-01	43.52	1.090	.3486	543.5	.7577-03
74	24.500	.10000+00	208.00	.8795-01	.1039	.1143	43.46	3.822	.3495	544.9	.2662-02
74	25.500	.15000	212.00	.4831-01	.5707-01	.6277-01	43.49	2.101	.3490	544.2	.1462-02
74	31.500	.20000	215.00	.3079-01	.3637-01	.4000-01	43.52	1.340	.3487	543.6	.9317-03
74	35.000	.50000-01	203.00	.1356	.1603	.1763	43.40	5.884	.3504	546.3	.4104-02
74	35.000	.20000	216.00	.3509-01	.4146-01	.4559-01	43.51	1.527	.3487	543.7	.1062-02
74	39.000	.10000+00	209.00	.7788-01	.9202-01	.1012	43.50	3.388	.3489	544.0	.2357-02
74	40.000	.20000	217.00	.3773-01	.4457-01	.4902-01	43.51	1.642	.3488	543.8	.1142-02
74	42.500	.50000-01	204.00	.9367-01	.1107	.1218	43.37	4.063	.3508	546.9	.2836-02
74	45.500	.15000	214.00	.6366-01	.7520-01	.8270-01	43.54	2.772	.3483	543.1	.1926-02
74	51.000	.20000	218.00	.3670-01	.4336-01	.4769-01	43.51	1.597	.3489	543.9	.1111-02
74	60.000	.50000-01	205.00	.8181-01	.9672-01	.1064	43.35	3.547	.3511	547.3	.2477-02
74	67.500	.20000	219.00	.1815-01	.2144-01	.2358-01	43.51	.7898	.3488	543.7	.5493-03
74	114.00	.40000	388.00	.1245-02	.1469-02	.1614-02	43.92	.5469-01	.3429	534.7	.3764-04
74	114.00	.70000	394.00	.1500-01	.1773-01	.1950-01	43.43	.6517	.3499	545.5	.4542-03
74	157.50	.50000	225.00	.1822-02	.2152-02	.2367-02	43.49	.7922-01	.3491	544.2	.5512-04
74	157.50	.70000	229.00	.3735-02	.4413-02	.4854-02	43.48	.1624	.3492	544.4	.1130-03
74	180.00	.40000	182.00	.4136-02	.4887-02	.5375-02	43.48	.1798	.3493	544.5	.1252-03
74	180.00	.50000	184.00	.4384-02	.5178-02	.5694-02	43.59	.1911	.3476	542.0	.1326-03
74	180.00	.60000	186.00	.6241-02	.7374-02	.8111-02	43.47	.2713	.3493	544.6	.1889-03

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105B 60-0 FUSELAGE

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
74	180.00	.80000	190.00	.9178-02	.1085-01	.1193-01	43.45	.3988	.3497	545.2	.2778-03
74	315.00	.50000	236.00	.2919-02	.3449-02	.3794-02	43.46	.1269	.3494	544.8	.8835-04
74	315.00	.80000	242.00	.2554-02	.3018-02	.3320-02	43.41	.1109	.3502	546.0	.7730-04

OH105B 60-0 FUSELAGE (R3RA31)

FUSELAGE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
58	15.00	.0000	7.300	1.045	238.9	1478.	363.7	.4296-01	130.0	.2773-04	4080.	.1750-01
62	15.00	.0000	7.300	.9990	235.6	1505.	370.8	.4230-01	132.6	.2677-04	4120.	.1750-01
76	15.00	.0000	7.300	1.012	235.6	1494.	367.8	.4233-01	131.5	.2701-04	4103.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
58	.0000	.1278
62	.0000	.1271
76	.0000	.1270

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	MW/HT	TW DEG. R	STN NO R=.900
76	.00000	.00000	1.0000	.7403	.8780	.9680	29.78	22.04	.3622	555.2	.3125-01
76	.00000	.50000-02	2.0000	.5666	.6719	.7408	29.78	16.87	.3621	555.0	.2391-01
76	.00000	.10000-01	3.0000	.4198	.4978	.5487	29.80	12.51	.3617	554.5	.1772-01
76	.00000	.20000-01	4.0000	.2452	.2908	.3205	29.81	7.310	.3615	554.2	.1035-01
76	.00000	.30000-01	5.0000	.1684	.1996	.2200	29.84	5.024	.3609	553.2	.7104-02
76	.00000	.40000-01	6.0000	.1455	.1725	.1901	29.85	4.343	.3606	552.8	.6139-02
76	.00000	.50000-01	7.0000	.1153	.1366	.1506	29.92	3.450	.3592	550.7	.4864-02
76	.00000	.60000-01	8.0000	.1128	.1336	.1473	29.86	3.367	.3604	552.4	.4757-02
76	.00000	.70000-01	9.0000	.9180-01	.1088	.1199	29.88	2.743	.3601	552.0	.3873-02
76	.00000	.80000-01	10.000	.7215-01	.8551-01	.9423-01	29.88	2.156	.3600	551.8	.3044-02
76	.00000	.90000-01	11.000	.6574-01	.7792-01	.8587-01	29.88	1.965	.3600	551.8	.2774-02
76	.00000	.10000+00	12.000	.5719-01	.6778-01	.7470-01	29.89	1.709	.3599	551.7	.2413-02
76	.00000	.12000	13.000	.4786-01	.5672-01	.6250-01	29.90	1.431	.3596	551.2	.2019-02
76	.00000	.13000	14.000	.4509-01	.5343-01	.5888-01	29.90	1.348	.3596	551.2	.1902-02
76	.00000	.14000	15.000	.4231-01	.5013-01	.5524-01	29.91	1.265	.3595	551.0	.1785-02
76	.00000	.15000	16.000	.4162-01	.4933-01	.5436-01	29.89	1.244	.3597	551.5	.1756-02
76	.00000	.16000	17.000	.3998-01	.4738-01	.5222-01	29.89	1.195	.3599	551.6	.1687-02

OH105B 60-0 FUSELAGE (R3RA31)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
76	.00000	.17000	18.000	.3867-01	.4583-01	.5051-01	29.89	1.156	.3598	551.6	.1632-02
76	.00000	.18000	19.000	.3846-01	.4558-01	.5022-01	29.89	1.150	.3598	551.5	.1622-02
76	.00000	.19000	20.000	.3685-01	.4368-01	.4813-01	29.88	1.101	.3600	551.8	.1555-02
76	.00000	.20000	21.000	.3582-01	.4246-01	.4679-01	29.88	1.070	.3601	552.0	.1511-02
76	.00000	.25000	23.000	.3073-01	.3642-01	.4013-01	29.88	.9181	.3600	551.9	.1296-02
76	.00000	.35000	25.000	.5552-02	.6564-02	.7223-02	30.29	.1682	.3517	539.1	.2338-03
76	.00000	.40000	26.000	.1976-01	.2341-01	.2579-01	29.95	.5917	.3586	549.8	.8333-03
62	.00000	.45000	1027.0	.2101-01	.2484-01	.2733-01	30.53	.6413	.3519	543.9	.8891-03
62	.00000	.55000	1029.0	.1830-01	.2164-01	.2381-01	30.53	.5589	.3518	543.7	.7747-03
62	.00000	.60000	1030.0	.1498-01	.1771-01	.1949-01	30.52	.4573	.3520	544.0	.6341-03
62	.00000	.65000	1031.0	.1432-01	.1693-01	.1863-01	30.54	.4372	.3518	543.6	.6060-03
62	.00000	.70000	1032.0	.1301-01	.1539-01	.1693-01	30.53	.3973	.3519	543.9	.5508-03
62	.00000	.75000	1033.0	.1371-01	.1621-01	.1784-01	30.54	.4187	.3518	543.6	.5803-03
62	.00000	.80000	1034.0	.1391-01	.1645-01	.1810-01	30.54	.4250	.3516	543.4	.5889-03
62	.00000	.85000	1035.0	.1410-01	.1667-01	.1834-01	30.55	.4308	.3514	543.1	.5967-03
62	.00000	.90000	1036.0	.1294-01	.1530-01	.1683-01	30.55	.3953	.3515	543.3	.5477-03
62	.00000	.92500	1037.0	.4082-03	.4827-03	.5312-03	30.50	.1245-01	.3526	544.9	.1728-04
62	.00000	.95000	1038.0	.9050-02	.1070-01	.1177-01	30.55	.2765	.3515	543.2	.3830-03
62	.00000	.97500	1039.0	.8065-02	.9533-02	.1049-01	30.59	.2467	.3506	541.8	.3413-03
76	.00000	1.0300	41.000	.3108-02	.3679-02	.4050-02	30.12	.9363-01	.3551	544.3	.1310-03
76	.00000	1.0450	42.000	.4369-02	.5174-02	.5700-02	30.00	.1311	.3576	548.1	.1842-03
76	10.000	.10000+00	45.000	.6469-01	.7667-01	.8450-01	29.89	1.933	.3599	551.7	.2729-02
76	14.000	.50000-01	44.000	.1197	.1419	.1564	29.84	3.570	.3610	553.3	.5050-02
76	20.000	.10000+00	207.00	.9928-01	.1177	.1297	29.89	2.968	.3598	551.5	.4188-02
76	20.000	.15000	211.00	.5382-01	.6377-01	.7027-01	29.92	1.610	.3592	550.6	.2270-02
76	24.000	.20000	48.000	.3556-01	.4213-01	.4641-01	29.95	1.065	.3586	549.8	.1500-02
76	24.500	.10000+00	208.00	.1118	.1325	.1460	29.89	3.342	.3597	551.5	.4716-02
76	25.500	.15000	212.00	.6307-01	.7472-01	.8233-01	29.94	1.888	.3589	550.2	.2660-02
76	31.500	.20000	215.00	.4145-01	.4910-01	.5410-01	29.95	1.241	.3587	549.8	.1748-02
76	35.000	.50000-01	203.00	.1492	.1769	.1950	29.82	4.450	.3613	553.8	.6298-02
76	35.000	.20000	216.00	.4673-01	.5537-01	.6100-01	29.95	1.399	.3587	549.8	.1971-02
76	39.000	.10000+00	209.00	.8403-01	.9959-01	.1098	29.88	2.510	.3601	552.0	.3545-02
76	40.000	.20000	217.00	.4877-01	.5778-01	.6367-01	29.94	1.460	.3589	550.1	.2057-02
76	42.500	.50000-01	204.00	.9433-01	.1119	.1233	29.79	2.811	.3618	554.6	.3981-02
76	45.500	.15000	214.00	.6822-01	.8081-01	.8902-01	29.97	2.045	.3581	548.9	.2877-02
76	51.000	.20000	218.00	.3860-01	.4573-01	.5038-01	29.94	1.156	.3588	550.0	.1628-02
76	60.000	.50000-01	205.00	.6608-01	.7836-01	.8639-01	29.79	1.969	.3619	554.7	.2789-02
76	67.500	.20000	219.00	.2208-01	.2616-01	.2882-01	29.95	.6612	.3587	549.8	.9312-03
76	114.00	.70000	394.00	.1820-01	.2158-01	.2378-01	29.86	.5436	.3604	552.4	.7680-03
76	157.50	.40000	223.00	.2990-02	.3542-02	.3903-02	29.93	.8948-01	.3590	550.3	.1261-03
76	157.50	.50000	225.00	.5196-02	.6155-02	.6781-02	29.95	.1556	.3585	549.6	.2191-03
76	157.50	.70000	229.00	.4569-02	.5414-02	.5965-02	29.94	.1368	.3588	550.0	.1927-03
76	157.50	.80000	231.00	.4471-03	.5282-03	.5809-03	30.44	.1361-01	.3485	534.3	.1882-04

OH105B 60-O FUSELAGE (R3RA31)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
76	180.00	.40000	182.00	.4367-02	.5175-02	.5702-02	29.92	.1307	.3592	550.6	.1842-03
75	180.00	.50000	184.00	.5156-02	.6104-02	.6721-02	30.07	.1550	.3562	546.0	.2173-03
76	180.00	.60000	186.00	.1064-01	.1260-01	.1388-01	29.94	.3185	.3587	549.9	.4486-03
76	180.00	.80000	190.00	.6957-02	.8244-02	.9085-02	29.90	.2080	.3596	551.2	.2935-03
76	315.00	.50000	236.00	.9741-03	.1154-02	.1272-02	29.92	.2914-01	.3592	550.7	.4109-04
76	315.00	.80000	242.00	.5432-02	.6440-02	.7099-02	29.83	.1621	.3610	553.4	.2292-03

FUSELAGE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
59	15.00	.0000	7.300	1.949	465.7	1517.	373.9	.8352-01	133.7	.5244-04	4137.	.1750-01
60	15.00	.0000	7.300	1.977	465.3	1503.	370.3	.8353-01	132.4	.5296-04	4117.	.1750-01
75	15.00	.0000	7.300	1.963	465.3	1509.	371.9	.8350-01	133.0	.5270-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
59	.0000	.1787
60	.0000	.1785
75	.0000	.1786

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
75	.00000	.00000	1.0000	.7283	.8623	.9497	42.72	31.11	.3564	552.5	.2200-01
75	.00000	.50000-02	2.0000	.5599	.6628	.7299	42.74	23.93	.3561	552.1	.1691-01
75	.00000	.10000-01	3.0000	.4150	.4913	.5410	42.76	17.75	.3558	551.5	.1253-01
75	.00000	.20000-01	4.0000	.2437	.2884	.3176	42.78	10.43	.3555	551.0	.7360-02
75	.00000	.30000-01	5.0000	.1668	.1974	.2173	42.84	7.145	.3547	549.9	.5037-02
75	.00000	.40000-01	6.0000	.1437	.1701	.1873	42.85	6.160	.3545	549.5	.4340-02
75	.00000	.50000-01	7.0000	.1140	.1349	.1484	42.90	4.890	.3538	548.4	.3441-02
75	.00000	.60000-01	8.0000	.1105	.1308	.1440	42.87	4.738	.3542	549.1	.3337-02
75	.00000	.70000-01	9.0000	.9048-01	.1070	.1178	42.89	3.881	.3539	548.6	.2732-02
75	.00000	.80000-01	10.000	.7075-01	.8370-01	.9213-01	42.91	3.035	.3537	548.3	.2136-02
75	.00000	.90000-01	11.000	.6484-01	.7670-01	.8443-01	42.91	2.782	.3537	548.3	.1957-02
75	.00000	.10000+00	12.000	.5658-01	.6693-01	.7368-01	42.91	2.428	.3537	548.3	.1708-02
75	.00000	.12000	13.000	.4709-01	.5570-01	.6131-01	42.93	2.022	.3533	547.7	.1421-02
75	.00000	.13000	14.000	.4456-01	.5272-01	.5802-01	42.93	1.913	.3533	547.7	.1345-02
75	.00000	.14000	15.000	.4112-01	.4864-01	.5353-01	42.94	1.766	.3532	547.5	.1241-02
75	.00000	.15000	16.000	.4076-01	.4822-01	.5307-01	42.93	1.750	.3534	547.8	.1230-02
75	.00000	.16000	17.000	.3947-01	.4670-01	.5140-01	42.92	1.694	.3535	548.0	.1192-02

OH105B 60-0 FUSELAGE (R3RA32)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
75	.00000	.17000	18.000	.3875-01	.4584-01	.5046-01	42.93	1.664	.3534	547.8	.1170-02
75	.00000	.18000	19.000	.3780-01	.4471-01	.4922-01	42.93	1.623	.3534	547.8	.1141-02
75	.00000	.19000	20.000	.3574-01	.4228-01	.4653-01	42.92	1.534	.3535	548.0	.1079-02
75	.00000	.20000	21.000	.3481-01	.4118-01	.4533-01	42.91	1.494	.3537	548.3	.1051-02
75	.00000	.25000	23.000	.2975-01	.3519-01	.3874-01	42.91	1.277	.3536	548.1	.8981-03
75	.00000	.35000	25.000	.5519-02	.6518-02	.7166-02	43.35	.2393	.3473	538.3	.1664-03
75	.00000	.40000	26.000	.1941-01	.2295-01	.2526-01	42.98	.8343	.3526	546.5	.5858-03
60	.00000	.45000	1027.0	.2191-01	.2598-01	.2864-01	42.15	.9234	.3618	558.3	.6607-03
60	.00000	.55000	1029.0	.1786-01	.2118-01	.2335-01	42.17	.7532	.3616	557.9	.5386-03
60	.00000	.60000	1030.0	.1508-01	.1788-01	.1971-01	42.17	.6358	.3616	558.0	.4547-03
60	.00000	.65000	1031.0	.1285-01	.1523-01	.1679-01	42.19	.5419	.3613	557.6	.3874-03
60	.00000	.70000	1032.0	.1240-01	.1470-01	.1620-01	42.18	.5229	.3615	557.8	.3739-03
60	.00000	.75000	1033.0	.1120-01	.1328-01	.1463-01	42.21	.4727	.3610	557.0	.3377-03
60	.00000	.80000	1034.0	.1170-01	.1387-01	.1529-01	42.21	.4938	.3610	557.0	.3527-03
60	.00000	.85000	1035.0	.1121-01	.1329-01	.1465-01	42.22	.4733	.3608	556.7	.3380-03
60	.00000	.90000	1036.0	.1043-01	.1236-01	.1363-01	42.20	.4401	.3610	557.1	.3145-03
60	.00000	.92500	1037.0	.1735-03	.2056-03	.2265-03	42.37	.7352-02	.3586	553.4	.5229-05
60	.00000	.95000	1038.0	.8244-02	.9774-02	.1077-01	42.21	.3480	.3610	557.1	.2486-03
60	.00000	.97500	1039.0	.6597-02	.7819-02	.8616-02	42.28	.2789	.3599	555.4	.1989-03
75	.00000	1.0300	41.000	.3681-02	.4351-02	.4786-02	43.14	.1588	.3503	543.0	.1110-03
75	.00000	1.0450	42.000	.3406-02	.4028-02	.4433-02	43.01	.1465	.3523	546.0	.1028-03
75	10.000	.10000+00	45.000	.6371-01	.7537-01	.8297-01	42.90	2.733	.3538	548.5	.1923-02
75	14.000	.50000-01	44.000	.1182	.1399	.1540	42.84	5.064	.3546	549.7	.3569-02
75	20.000	.10000+00	207.00	.9900-01	.1171	.1289	42.92	4.249	.3535	548.0	.2989-02
75	20.000	.15000	211.00	.5312-01	.6283-01	.6915-01	42.96	2.282	.3530	547.1	.1603-02
75	24.000	.20000	48.000	.3506-01	.4146-01	.4563-01	43.00	1.508	.3523	546.1	.1058-02
75	24.500	.10000+00	208.00	.1121	.1326	.1459	42.91	4.808	.3537	548.3	.3383-02
75	25.500	.15000	212.00	.6513-01	.7704-01	.8479-01	42.94	2.797	.3532	547.5	.1966-02
75	31.500	.20000	215.00	.4158-01	.4918-01	.5412-01	42.99	1.788	.3525	546.3	.1255-02
75	35.000	.50000-01	203.00	.1477	.1748	.1925	42.83	6.326	.3549	550.1	.4461-02
75	35.000	.20000	216.00	.4660-01	.5511-01	.6064-01	42.99	2.003	.3525	546.4	.1406-02
75	39.000	.10000+00	209.00	.8111-01	.9593-01	.1056	42.97	3.485	.3528	546.9	.2448-02
75	40.000	.20000	217.00	.4832-01	.5715-01	.6290-01	42.99	2.077	.3525	546.4	.1459-02
75	42.500	.50000-01	204.00	.9360-01	.1108	.1220	42.79	4.005	.3554	550.9	.2827-02
75	45.500	.15000	214.00	.6772-01	.8008-01	.8812-01	43.02	2.913	.3521	545.8	.2044-02
75	51.000	.20000	218.00	.3763-01	.4451-01	.4898-01	42.98	1.618	.3526	546.5	.1136-02
75	60.000	.50000-01	205.00	.6517-01	.7714-01	.8494-01	42.78	2.788	.3555	551.1	.1968-02
75	67.500	.20000	219.00	.2238-01	.2647-01	.2913-01	42.99	.9621	.3525	546.4	.6754-03
75	114.00	.70000	394.00	.1613-01	.1909-01	.2101-01	42.90	.6921	.3538	548.4	.4871-03
75	157.50	.50000	225.00	.5596-02	.6618-02	.7284-02	42.97	.2405	.3528	546.8	.1689-03
75	157.50	.70000	229.00	.7873-02	.9312-02	.1025-01	42.94	.3381	.3532	547.5	.2376-03
75	180.00	.40000	182.00	.5454-02	.6452-02	.7101-02	42.93	.2341	.3534	547.8	.1646-03
75	180.00	.50000	184.00	.6143-02	.7262-02	.7990-02	43.10	.2648	.3509	544.0	.1853-03

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105B 60-0 FUSELAGE

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
75	180.00	.60000	186.00	.9454-02	.1118-01	.1231-01	42.97	.4062	.3528	546.9	.2853-03
75	180.00	.80000	190.00	.6356-02	.7519-02	.8276-02	42.93	.2729	.3534	547.8	.1919-03
75	315.00	.50000	236.00	.5092-04	.6023-04	.6629-04	42.94	.2187-02	.3532	547.4	.1537-05
75	315.00	.80000	242.00	.4465-02	.5283-02	.5816-02	42.86	.1914	.3544	549.3	.1348-03

OH105B 60-0 FUSELAGE (R3RA33)

FUSELAGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
114	20.00	.0000	7.300	.9606	236.2	1542.	380.6	.4229-01	136.1	.2608-04	4174.	.1750-01
117	20.00	.0000	7.300	1.047	240.5	1482.	364.8	.4325-01	130.4	.2782-04	4086.	.1750-01
118	20.00	.0000	7.300	.9668	235.6	1534.	378.5	.4221-01	135.3	.2618-04	4162.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
114	.0000	.1274
117	.0000	.1283
118	.0000	.1272

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
118	.00000	.00000	1.0000	.7005	.8271	.9094	31.42	22.01	.3470	547.4	.3000-01
118	.00000	.50000-02	2.0000	.5777	.6822	.7499	31.44	18.16	.3467	547.0	.2474-01
118	.00000	.10000-01	3.0000	.4492	.5303	.5830	31.45	14.13	.3464	546.4	.1923-01
118	.00000	.20000-01	4.0000	.2742	.3238	.3560	31.44	8.621	.3468	547.0	.1174-01
118	.00000	.30000-01	5.0000	.1975	.2332	.2563	31.49	6.220	.3457	545.3	.8458-02
118	.00000	.40000-01	6.0000	.1733	.2046	.2248	31.50	5.459	.3455	545.1	.7420-02
118	.00000	.50000-01	7.0000	.1409	.1663	.1828	31.51	4.440	.3454	544.8	.6034-02
118	.00000	.60000-01	8.0000	.1389	.1640	.1802	31.50	4.377	.3454	544.9	.5948-02
118	.00000	.70000-01	9.0000	.1147	.1353	.1487	31.51	3.614	.3452	544.6	.4909-02
118	.00000	.80000-01	10.000	.9209-01	.1087	.1194	31.51	2.902	.3452	544.5	.3942-02
118	.00000	.90000-01	11.000	.8483-01	.1001	.1100	31.52	2.673	.3452	544.5	.3631-02
118	.00000	.10000+00	12.000	.7542-01	.8901-01	.9783-01	31.52	2.377	.3451	544.5	.3229-02
118	.00000	.12000	13.000	.6430-01	.7589-01	.8340-01	31.52	2.027	.3451	544.3	.2753-02
118	.00000	.13000	14.000	.6130-01	.7235-01	.7952-01	31.51	1.932	.3452	544.5	.2624-02
118	.00000	.14000	15.000	.5843-01	.6895-01	.7578-01	31.52	1.842	.3450	544.2	.2501-02
118	.00000	.15000	16.000	.5792-01	.6836-01	.7513-01	31.51	1.825	.3452	544.6	.2480-02
118	.00000	.16000	17.000	.5791-01	.6836-01	.7513-01	31.50	1.824	.3455	545.0	.2480-02

OH105B 60-O FUSELAGE

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
118	.00000	.17000	18.000	.5639-01	.6656-01	.7316-01	31.50	1.777	.3454	544.8	.2414-02
118	.00000	.18000	19.000	.5548-01	.6548-01	.7197-01	31.51	1.748	.3453	544.7	.2375-02
118	.00000	.19000	20.000	.5401-01	.6375-01	.7007-01	31.50	1.701	.3455	545.0	.2312-02
118	.00000	.20000	21.000	.5280-01	.6232-01	.6850-01	31.49	1.663	.3456	545.2	.2260-02
118	.00000	.25000	23.000	.4347-01	.5131-01	.5640-01	31.48	1.368	.3459	545.6	.1861-02
118	.00000	.35000	25.000	.7994-02	.9420-02	.1034-01	31.80	.2543	.3394	535.4	.3418-03
118	.00000	.40000	26.000	.3190-01	.3765-01	.4137-01	31.53	1.006	.3448	543.9	.1366-02
117	.00000	.45000	1027.0	.3331-01	.3946-01	.4348-01	30.00	.9993	.3587	545.4	.1383-02
117	.00000	.55000	1029.0	.3019-01	.3577-01	.3941-01	29.98	.9051	.3591	546.0	.1254-02
117	.00000	.60000	1030.0	.2715-01	.3218-01	.3547-01	29.93	.8128	.3601	547.5	.1128-02
117	.00000	.65000	1031.0	.2487-01	.2947-01	.3248-01	29.96	.7451	.3596	546.7	.1033-02
117	.00000	.70000	1032.0	.2298-01	.2724-01	.3002-01	29.93	.6878	.3602	547.6	.9547-03
117	.00000	.75000	1033.0	.2338-01	.2771-01	.3054-01	29.93	.6996	.3602	547.7	.9712-03
117	.00000	.80000	1034.0	.2302-01	.2729-01	.3007-01	29.92	.6888	.3604	547.9	.9565-03
117	.00000	.85000	1035.0	.2252-01	.2670-01	.2943-01	29.91	.6737	.3606	548.2	.9358-03
117	.00000	.90000	1036.0	.2093-01	.2482-01	.2736-01	29.88	.6254	.3612	549.2	.8698-03
117	.00000	.95000	1038.0	.1651-01	.1957-01	.2157-01	29.88	.4932	.3612	549.2	.6859-03
117	.00000	.97500	1039.0	.1407-01	.1667-01	.1837-01	29.95	.4214	.3597	546.9	.5845-03
118	.00000	1.0300	41.000	.5504-02	.6491-02	.7131-02	31.64	.1741	.3427	540.6	.2355-03
118	.00000	1.0450	42.000	.7725-02	.9112-02	.1001-01	31.64	.2444	.3428	540.7	.3306-03
118	10.000	.10000+00	45.000	.8348-01	.9852-01	.1083	31.52	2.631	.3451	544.3	.3574-02
118	14.000	.50000-01	44.000	.1410	.1665	.1830	31.50	4.442	.3455	545.1	.6038-02
118	20.000	.10000+00	207.00	.1224	.1445	.1588	31.53	3.859	.3449	544.1	.5240-02
118	20.000	.15000	211.00	.7006-01	.8268-01	.9086-01	31.54	2.210	.3448	543.7	.2999-02
118	24.000	.20000	48.000	.4504-01	.5314-01	.5840-01	31.56	1.421	.3443	543.2	.1928-02
118	24.500	.10000+00	208.00	.1331	.1570	.1726	31.54	4.196	.3448	543.9	.5696-02
118	25.500	.15000	212.00	.7994-01	.9433-01	.1037	31.55	2.522	.3446	543.6	.3422-02
118	31.500	.20000	215.00	.5325-01	.6284-01	.6905-01	31.56	1.681	.3443	543.1	.2279-02
118	35.000	.50000-01	203.00	.1586	.1872	.2057	31.49	4.993	.3457	545.3	.6789-02
118	35.000	.20000	216.00	.5927-01	.6876-01	.7555-01	31.55	1.839	.3444	543.3	.2494-02
118	39.000	.10000+00	209.00	.9387-01	.1108	.1218	31.51	2.958	.3453	544.7	.4019-02
118	40.000	.20000	217.00	.5910-01	.6974-01	.7664-01	31.54	1.864	.3446	543.6	.2530-02
118	42.500	.50000-01	204.00	.3793-01	.4472-01	.4911-01	31.73	1.204	.3409	537.8	.1623-02
118	45.500	.15000	214.00	.7131-01	.8414-01	.9245-01	31.58	2.252	.3439	542.5	.3052-02
118	51.000	.20000	218.00	.3802-01	.4486-01	.4930-01	31.55	1.199	.3446	543.6	.1627-02
118	60.000	.50000-01	205.00	.3848-01	.4542-01	.4991-01	31.52	1.213	.3451	544.4	.1647-02
118	67.500	.20000	219.00	.2467-01	.2911-01	.3199-01	31.55	.7783	.3444	543.3	.1056-02
118	114.00	.40000	388.00	.2743-02	.3232-02	.3548-02	31.83	.8733-01	.3389	534.6	.1173-03
118	114.00	.70000	394.00	.4742-01	.5597-01	.6152-01	31.49	1.493	.3456	545.2	.2030-02
118	157.50	.40000	223.00	.2490-02	.2939-02	.3230-02	31.52	.7849-01	.3451	544.4	.1066-03
118	157.50	.50000	225.00	.6291-02	.7424-02	.8158-02	31.54	.1984	.3447	543.7	.2693-03
118	157.50	.70000	229.00	.2410-02	.2844-02	.3125-02	31.53	.7599-01	.3448	544.0	.1032-03
118	157.50	.80000	231.00	.8128-04	.9573-04	.1051-03	31.91	.2594-02	.3372	532.0	.3474-05

OH105-B MODELS 83-O AND 60-O AT ARC 3.5 FT. TUNNEL

OH105B 60-O FUSELAGE

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
118	180.00	.40000	182.00	.7593-02	.8960-02	.9846-02	31.56	.2396	.3444	543.2	.3250-03
118	180.00	.50000	184.00	.9116-02	.1075-01	.1181-01	31.61	.2882	.3433	541.5	.3901-03
118	180.00	.60000	186.00	.1129-01	.1332-01	.1464-01	31.52	.3557	.3451	544.4	.4832-03
118	180.00	.80000	190.00	.5970-02	.7047-02	.7745-02	31.49	.1880	.3457	545.4	.2556-03
118	315.00	.50000	236.00	.1734-02	.2046-02	.2249-02	31.53	.5466-01	.3449	544.1	.7422-04
118	315.00	.70000	240.00	.2720-02	.3210-02	.3528-02	31.53	.8575-01	.3449	544.1	.1164-03
118	315.00	.80000	242.00	.1220-03	.1437-03	.1577-03	31.91	.3892-02	.3374	532.2	.5214-05

OH105B 60-0 FUSELAGE (R3RA34)

FUSELAGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
115	20.00	.0000	7.300	2.008	470.6	1499.	369.3	.8451-01	132.0	.5372-04	4111.	.1750-01
116	20.00	.0000	7.300	2.017	468.7	1492.	367.4	.8420-01	131.3	.5380-04	4100.	.1750-01
119	20.00	.0000	7.300	2.037	467.4	1481.	364.5	.8404-01	130.3	.5412-04	4084.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
115	.0000	.1795
116	.0000	.1791
119	.0000	.1788

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
119	.00000	.00000	1.0000	.6930	.8212	.9049	41.73	28.92	.3595	546.1	.2064-01
119	.00000	.50000-02	2.0000	.5720	.6778	.7468	41.77	23.90	.3589	545.2	.1704-01
119	.00000	.10000-01	3.0000	.4436	.5255	.5789	41.81	18.54	.3584	544.4	.1321-01
119	.00000	.20000-01	4.0000	.2703	.3202	.3528	41.78	11.29	.3588	545.1	.8049-02
119	.00000	.30000-01	5.0000	.1937	.2293	.2526	41.90	8.114	.3570	542.4	.5765-02
119	.00000	.40000-01	6.0000	.1703	.2017	.2222	41.91	7.139	.3568	542.1	.5070-02
119	.00000	.50000-01	7.0000	.1378	.1631	.1796	41.93	5.776	.3566	541.8	.4101-02
119	.00000	.60000-01	8.0000	.1356	.1606	.1768	41.93	5.686	.3566	541.7	.4036-02
119	.00000	.70000-01	9.0000	.1126	.1333	.1468	41.94	4.721	.3564	541.4	.3350-02
119	.00000	.80000-01	10.000	.8917-01	.1056	.1163	41.95	3.741	.3563	541.2	.2654-02
119	.00000	.90000-01	11.000	.8245-01	.9761-01	.1075	41.95	3.459	.3563	541.2	.2454-02
119	.00000	.10000+00	12.000	.7314-01	.8659-01	.9536-01	41.96	3.069	.3562	541.0	.2177-02
119	.00000	.12000	13.000	.6243-01	.7391-01	.8138-01	41.98	2.621	.3558	540.5	.1858-02
119	.00000	.13000	14.000	.5951-01	.7045-01	.7758-01	41.97	2.498	.3559	540.7	.1771-02
119	.00000	.14000	15.000	.5548-01	.6567-01	.7232-01	41.97	2.328	.3560	540.7	.1651-02
119	.00000	.15000	16.000	.5621-01	.6654-01	.7328-01	41.96	2.358	.3562	541.1	.1673-02
119	.00000	.16000	17.000	.5537-01	.6555-01	.7219-01	41.95	2.322	.3563	541.3	.1648-02

OH105B 60-0 FUSELAGE (R3RA34)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
119	.00000	.17000	18.000	.5388-01	.6379-01	.7025-01	41.95	2.260	.3563	541.3	.1604-02
119	.00000	.18000	19.000	.5351-01	.6336-01	.6978-01	41.94	2.244	.3564	541.5	.1593-02
119	.00000	.19000	20.000	.5178-01	.6131-01	.6752-01	41.93	2.171	.3565	541.6	.1541-02
119	.00000	.20000	21.000	.5044-01	.5972-01	.6577-01	41.92	2.114	.3567	541.9	.1501-02
119	.00000	.25000	23.000	.4290-01	.5080-01	.5595-01	41.89	1.797	.3571	542.5	.1277-02
119	.00000	.35000	25.000	.7413-02	.8771-02	.9655-02	42.10	.3120	.3541	537.9	.2205-03
119	.00000	.40000	26.000	.3030-01	.3588-01	.3953-01	41.86	1.268	.3577	543.3	.9020-03
116	.00000	.45000	1027.0	.3266-01	.3866-01	.4257-01	42.39	1.385	.3556	544.4	.9755-03
116	.00000	.55000	1029.0	.2862-01	.3388-01	.3730-01	42.36	1.212	.3560	545.1	.8546-03
116	.00000	.60000	1030.0	.2327-01	.2755-01	.3035-01	42.27	.9834	.3574	547.2	.6951-03
116	.00000	.65000	1031.0	.2102-01	.2489-01	.2741-01	42.34	.8901	.3563	545.5	.6279-03
116	.00000	.70000	1032.0	.1930-01	.2285-01	.2517-01	42.31	.8165	.3568	546.3	.5764-03
116	.00000	.75000	1033.0	.1961-01	.2322-01	.2557-01	42.29	.8291	.3571	546.7	.5857-03
116	.00000	.80000	1034.0	.1994-01	.2362-01	.2601-01	42.28	.8431	.3573	547.0	.5958-03
116	.00000	.85000	1035.0	.2059-01	.2438-01	.2686-01	42.26	.8701	.3575	547.3	.6150-03
116	.00000	.90000	1036.0	.1899-01	.2249-01	.2478-01	42.23	.8019	.3579	548.0	.5674-03
116	.00000	.92500	1037.0	.1306-03	.1545-03	.1702-03	42.38	.5533-02	.3557	544.6	.3299-05
116	.00000	.95000	1038.0	.1323-01	.1567-01	.1726-01	42.26	.5591	.3575	547.4	.3953-03
116	.00000	.97500	1039.0	.1144-01	.1354-01	.1491-01	42.33	.4842	.3564	545.7	.3416-03
119	.00000	1.0150	40.000	.1607-01	.1902-01	.2094-01	42.04	.6757	.3549	539.1	.4782-03
119	.00000	1.0300	41.000	.8536-02	.1010-01	.1112-01	42.01	.3586	.3555	540.0	.2540-03
119	.00000	1.0450	42.000	.6467-02	.7656-02	.8430-02	41.98	.2715	.3559	540.6	.1925-03
119	10.000	.10000+00	45.000	.6217-01	.9727-01	.1071	41.98	3.450	.3558	540.5	.2445-02
119	14.000	.50000-01	44.000	.1387	.1642	.1808	41.93	5.813	.3566	541.8	.4127-02
119	20.000	.10000+00	207.00	.1213	.1435	.1580	42.02	5.095	.3553	539.7	.3608-02
119	20.000	.15000	211.00	.6797-01	.8043-01	.8855-01	42.06	2.859	.3547	538.8	.2022-02
119	24.000	.20000	48.000	.4610-01	.5455-01	.6005-01	42.08	1.940	.3544	538.4	.1371-02
119	24.500	.10000+00	208.00	.1339	.1585	.1745	42.02	5.627	.3552	539.6	.3984-02
119	25.500	.15000	212.00	.8127-01	.9618-01	.1059	42.04	3.417	.3550	539.2	.2418-02
119	31.500	.20000	215.00	.5229-01	.6188-01	.6812-01	42.07	2.200	.3544	538.4	.1556-02
119	35.000	.50000-01	203.00	.1551	.1837	.2023	41.93	6.505	.3566	541.7	.4618-02
119	35.000	.20000	216.00	.5755-01	.6809-01	.7497-01	42.07	2.421	.3545	538.5	.1712-02
119	39.000	.10000+00	209.00	.8290-01	.9810-01	.1080	42.06	3.486	.3547	538.8	.2466-02
119	40.000	.20000	217.00	.5829-01	.6898-01	.7594-01	42.05	2.451	.3547	538.9	.1734-02
119	42.500	.50000-01	204.00	.2252-01	.2665-01	.2933-01	42.10	.9482	.3540	537.8	.6699-03
119	45.500	.15000	214.00	.6936-01	.8205-01	.9031-01	42.14	2.923	.3534	536.9	.2063-02
119	51.000	.20000	218.00	.3552-01	.4204-01	.4628-01	42.07	1.494	.3546	538.6	.1057-02
119	60.000	.50000-01	205.00	.3316-01	.3926-01	.4324-01	41.91	1.390	.3569	542.2	.9870-03
119	67.500	.20000	219.00	.2322-01	.2748-01	.3025-01	42.07	.9770	.3545	538.5	.6909-03
119	114.00	.40000	388.00	.9543-03	.1129-02	.1243-02	42.14	.4022-01	.3534	536.9	.2838-04
119	114.00	.70000	394.00	.3082-01	.3650-01	.4020-01	41.90	1.291	.3571	542.4	.9175-03
119	157.50	.40000	223.00	.4031-02	.4774-02	.5258-02	41.87	.1688	.3575	543.0	.1200-03
119	157.50	.50000	225.00	.7152-02	.8468-02	.9326-02	41.93	.2939	.3565	541.6	.2129-03

OH105B 60-0 FUSELAGE (R3RA34)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
119	157.50	.70000	229.00	.3338-02	.3953-02	.4355-02	41.85	.1397	.3577	543.3	.9937-04
119	157.50	.80000	231.00	.7994-03	.9455-03	.1041-02	42.19	.3373-01	.3528	535.9	.2377-04
119	180.00	.40000	182.00	.9999-02	.1184-01	.1304-01	41.87	.4186	.3575	543.1	.2977-03
119	180.00	.50000	184.00	.1213-01	.1436-01	.1582-01	41.95	.5089	.3563	541.2	.3611-03
119	180.00	.60000	186.00	.1279-01	.1515-01	.1668-01	41.88	.5357	.3573	542.7	.3808-03
119	180.00	.80000	190.00	.5567-02	.6597-02	.7269-02	41.75	.2324	.3592	545.7	.1658-03
119	315.00	.50000	236.00	.1530-02	.1812-02	.1995-02	41.94	.6418-01	.3564	541.3	.4554-04
119	315.00	.70000	240.00	.6563-02	.7773-02	.8562-02	41.87	.2748	.3575	543.0	.1954-03
119	315.00	.80000	242.00	.8769-03	.1037-02	.1142-02	42.17	.3698-01	.3530	536.2	.2608-04

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
101	.0000	.0000	7.300	1.064	240.0	1466.	360.7	.4320-01	128.9	.2812-04	4063.	.1750-01
108	.0000	.0000	7.300	.9939	239.5	1524.	375.8	.4293-01	134.3	.2681-04	4147.	.1750-01
109	.0000	.0000	7.300	.9796	235.5	1522.	375.3	.4222-01	134.2	.2641-04	4144.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
101	.0000	.1281
108	.0000	.1282
109	.0000	.1271

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
101	.00000	.00000	1.0000	.7974	.9471	1.045	29.21	23.29	.3673	552.1	.3298-01
101	.00000	.50000-02	2.0000	.4922	.5846	.6451	29.21	14.38	.3672	552.0	.2036-01
101	.00000	.10000-01	3.0000	.3139	.3727	.4113	29.22	9.170	.3671	551.7	.1298-01
101	.00000	.20000-01	4.0000	.1483	.1761	.1944	29.16	4.323	.3683	553.7	.6134-02
101	.00000	.30000-01	5.0000	.9233-01	.1096	.1210	29.25	2.701	.3664	550.7	.3818-02
101	.00000	.40000-01	6.0000	.7458-01	.8855-01	.9770-01	29.26	2.182	.3662	550.4	.3084-02
101	.00000	.50000-01	7.0000	.5522-01	.6556-01	.7234-01	29.26	1.616	.3661	550.3	.2283-02
101	.00000	.60000-01	8.0000	.4981-01	.5914-01	.6525-01	29.26	1.457	.3661	550.3	.2059-02
101	.00000	.70000-01	9.0000	.3859-01	.4582-01	.5056-01	29.27	1.130	.3660	550.2	.1596-02
101	.00000	.80000-01	10.000	.2823-01	.3352-01	.3698-01	29.27	.8262	.3661	550.2	.1167-02
101	.00000	.90000-01	11.000	.2421-01	.2874-01	.3171-01	29.26	.7082	.3663	550.5	.1001-02
101	.00000	.10000+00	12.000	.2076-01	.2465-01	.2720-01	29.25	.6073	.3663	550.6	.8584-03
101	.00000	.12000	13.000	.1642-01	.1950-01	.2152-01	29.26	.4805	.3662	550.5	.6792-03
101	.00000	.13000	14.000	.1431-01	.1699-01	.1875-01	29.25	.4187	.3663	550.6	.5918-03
101	.00000	.14000	15.000	.1459-01	.1732-01	.1911-01	29.25	.4268	.3663	550.6	.6033-03
101	.00000	.15000	16.000	.1254-01	.1489-01	.1643-01	29.24	.3666	.3666	551.0	.5185-03
101	.00000	.16000	17.000	.1207-01	.1433-01	.1581-01	29.23	.3527	.3669	551.5	.4991-03

OH105B 60-0 FUSELAGE (R3RA35)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
101	.00000	.17000	18.000	.1122-01	.1333-01	.1471-01	29.23	.3280	.3669	551.5	.4641-03
101	.00000	.18000	19.000	.1091-01	.1295-01	.1429-01	29.22	.3187	.3670	551.6	.4510-03
101	.00000	.19000	20.000	.8940-02	.1062-01	.1172-01	29.22	.2612	.3671	551.8	.3697-03
101	.00000	.20000	21.000	.8991-02	.1068-01	.1179-01	29.20	.2625	.3674	552.2	.3719-03
101	.00000	.25000	23.000	.6441-02	.7653-02	.8446-02	29.17	.1879	.3681	553.3	.2665-03
101	.00000	.35000	25.000	.1099-02	.1301-02	.1433-02	29.68	.3261-01	.3575	537.4	.4535-04
101	.00000	.40000	26.000	.3882-02	.4609-02	.5085-02	29.27	.1136	.3661	550.2	.1605-03
108	.00000	.45000	1027.0	.2310-02	.2731-02	.3006-02	31.18	.7201-01	.3523	551.8	.9779-04
108	.00000	.55000	1029.0	.3003-02	.3552-02	.3909-02	31.15	.9356-01	.3528	552.6	.1272-03
108	.00000	.60000	1030.0	.2742-02	.3243-02	.3570-02	31.13	.8534-01	.3534	553.4	.1161-03
108	.00000	.65000	1031.0	.2807-02	.3320-02	.3654-02	31.14	.8741-01	.3530	552.9	.1189-03
108	.00000	.70000	1032.0	.3302-02	.3906-02	.4300-02	31.12	.1028	.3535	553.7	.1399-03
108	.00000	.75000	1033.0	.3251-02	.3846-02	.4233-02	31.12	.1012	.3535	553.6	.1377-03
108	.00000	.80000	1034.0	.3532-02	.4178-02	.4599-02	31.11	.1099	.3537	553.9	.1496-03
108	.00000	.85000	1035.0	.3874-02	.4584-02	.5045-02	31.11	.1205	.3537	554.0	.1641-03
108	.00000	.90000	1036.0	.3582-02	.4238-02	.4665-02	31.10	.1114	.3539	554.3	.1517-03
108	.00000	.95000	1038.0	.1906-02	.2255-02	.2482-02	31.12	.5932-01	.3535	553.6	.8073-04
108	.00000	.97500	1039.0	.1006-02	.1189-02	.1309-02	31.18	.3135-01	.3523	551.7	.4258-04
101	.00000	1.0300	41.000	.2347-02	.2783-02	.3067-02	29.52	.6929-01	.3608	542.3	.9694-04
101	.00000	1.0450	42.000	.5210-02	.6179-02	.6814-02	29.42	.1533	.3628	545.3	.2152-03
101	10.000	.10000+00	45.000	.2441-01	.2899-01	.3198-01	29.27	.7145	.3660	550.2	.1009-02
101	14.000	.50000-01	44.000	.6170-01	.7325-01	.8082-01	29.26	1.805	.3662	550.4	.2551-02
101	20.000	.10000+00	207.00	.4123-01	.4894-01	.5400-01	29.28	1.207	.3658	549.8	.1705-02
101	20.000	.15000	211.00	.1992-01	.2365-01	.2609-01	29.28	.5832	.3659	549.9	.8236-03
101	24.000	.20000	48.000	.1145-01	.1359-01	.1500-01	29.27	.3351	.3660	550.2	.4734-03
101	24.500	.10000+00	208.00	.5335-01	.6334-01	.6989-01	29.27	1.562	.3659	550.0	.2206-02
101	25.500	.15000	212.00	.2706-01	.3213-01	.3545-01	29.26	.7916	.3663	550.6	.1119-02
101	31.500	.20000	215.00	.1416-01	.1681-01	.1855-01	29.26	.4143	.3661	550.3	.5854-03
101	35.000	.50000-01	203.00	.1139	.1352	.1492	29.25	3.331	.3663	550.6	.4709-02
101	35.000	.20000	216.00	.1687-01	.2003-01	.2210-01	29.26	.4936	.3662	550.4	.6975-03
101	39.000	.10000+00	209.00	.6303-01	.7483-01	.8255-01	29.28	1.846	.3657	549.7	.2606-02
101	40.000	.20000	217.00	.1853-01	.2201-01	.2428-01	29.25	.5422	.3663	550.6	.7664-03
101	42.500	.50000-01	204.00	.1016	.1206	.1331	29.22	2.968	.3669	551.5	.4200-02
101	45.500	.15000	214.00	.4861-01	.5770-01	.6365-01	29.30	1.424	.3653	549.1	.2009-02
101	51.000	.20000	218.00	.2257-01	.2680-01	.2958-01	29.25	.6602	.3664	550.8	.9335-03
101	60.000	.50000-01	205.00	.1283	.1524	.1681	29.21	3.747	.3673	552.0	.5306-02
101	67.500	.20000	219.00	.1580-01	.1876-01	.2070-01	29.25	.4621	.3665	550.9	.6533-03
109	96.500	.20000	1220.0	.1328-02	.1569-02	.1725-02	31.08	.4128-01	.3481	544.4	.5660-04
101	114.00	.40000	388.00	.1692-03	.2003-03	.2206-03	29.71	.5025-02	.3569	536.5	.6980-05
101	114.00	.70000	394.00	.8199-02	.9739-02	.1075-01	29.20	.2394	.3674	552.2	.3391-03
101	157.50	.50000	225.00	.1430-01	.1698-01	.1873-01	29.24	.4181	.3665	550.9	.5912-03
101	157.50	.70000	229.00	.1733-01	.2058-01	.2271-01	29.23	.5064	.3669	551.5	.7166-03
101	157.50	.80000	231.00	.7822-03	.9255-03	.1019-02	29.84	.2334-01	.3542	532.4	.3226-04

OH105B 60-0 FUSELAGE (R3RA35)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
101	180.00	.40000	182.00	.8306-02	.9861-02	.1088-01	29.28	.2432	.3658	549.8	.3434-03
101	180.00	.50000	184.00	.1706-01	.2024-01	.2233-01	29.37	.5011	.3639	547.0	.7051-03
101	180.00	.60000	186.00	.2453-01	.2913-01	.3215-01	29.24	.7174	.3666	551.0	.1015-02
101	180.00	.70000	188.00	.6792-03	.8036-03	.8847-03	29.83	.2026-01	.3544	532.7	.2801-04
101	180.00	.80000	190.00	.2211-01	.2626-01	.2898-01	29.21	.6459	.3672	552.0	.9145-03
101	315.00	.50000	236.00	.2645-02	.3141-02	.3466-02	29.23	.7731-01	.3668	551.4	.1094-03

OH105B 60-0 FUSELAGE (R3RA36)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
102	.0000	.0000	7.300	1.963	465.0	1509.	371.9	.8344-01	132.9	.5267-04	4125.	.1750-01
107	.0000	.0000	7.300	1.971	467.0	1509.	371.9	.8380-01	133.0	.5289-04	4126.	.1750-01
110	.0000	.0000	7.300	1.976	465.5	1504.	370.5	.8355-01	132.5	.5294-04	4118.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
102	.0000	.1785
107	.0000	.1789
110	.0000	.1786

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
102	.00000	.00000	1.0000	.7663	.9064	.9977	42.92	32.89	.3533	547.5	.2314-01
102	.00000	.50000-02	2.0000	.4752	.5621	.6187	42.93	20.40	.3531	547.2	.1435-01
102	.00000	.10000-01	3.0000	.3040	.3596	.3957	42.95	13.06	.3528	546.7	.9177-02
102	.00000	.20000-01	4.0000	.1523	.1801	.1982	42.96	6.540	.3527	546.6	.4596-02
102	.00000	.30000-01	5.0000	.8975-01	.1061	.1168	43.02	3.861	.3517	545.1	.2709-02
102	.00000	.40000-01	6.0000	.7111-01	.8408-01	.9251-01	43.04	3.061	.3515	544.7	.2146-02
102	.00000	.50000-01	7.0000	.5297-01	.6262-01	.6890-01	43.06	2.281	.3511	544.2	.1599-02
102	.00000	.60000-01	8.0000	.4781-01	.5652-01	.6218-01	43.07	2.059	.3511	544.1	.1443-02
102	.00000	.70000-01	9.0000	.3665-01	.4333-01	.4767-01	43.08	1.579	.3509	543.7	.1106-02
102	.00000	.80000-01	10.000	.2678-01	.3165-01	.3482-01	43.10	1.154	.3506	543.4	.8080-03
102	.00000	.90000-01	11.000	.2350-01	.2778-01	.3056-01	43.10	1.013	.3506	543.4	.7091-03
102	.00000	.10000+00	12.000	.1918-01	.2267-01	.2494-01	43.11	.8267	.3505	543.2	.5787-03
102	.00000	.12000	13.000	.1496-01	.1769-01	.1946-01	43.12	.6454	.3502	542.8	.4515-03
102	.00000	.13000	14.000	.1413-01	.1669-01	.1836-01	43.13	.6092	.3502	542.7	.4262-03
102	.00000	.14000	15.000	.1212-01	.1432-01	.1575-01	43.13	.5226	.3501	542.6	.3656-03
102	.00000	.15000	16.000	.1197-01	.1415-01	.1556-01	43.12	.5162	.3503	542.9	.3612-03
102	.00000	.16000	17.000	.1109-01	.1311-01	.1442-01	43.11	.4780	.3504	543.1	.3346-03

OH105B 60-O FUSELAGE

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
102	.00000	.17000	18.000	.1042-01	.1231-01	.1354-01	43.12	.4491	.3503	542.9	.3143-03
102	.00000	.18000	19.000	.9821-02	.1161-01	.1277-01	43.12	.4235	.3503	542.8	.2963-03
102	.00000	.19000	20.000	.9244-02	.1093-01	.1202-01	43.11	.3985	.3504	543.1	.2789-03
102	.00000	.20000	21.000	.8551-02	.1011-01	.1112-01	43.11	.3686	.3505	543.2	.2580-03
102	.00000	.25000	23.000	.5448-02	.6440-02	.7084-02	43.11	.2349	.3504	543.1	.1644-03
102	.00000	.35000	25.000	.1078-02	.1272-02	.1398-02	43.42	.4679-01	.3459	536.1	.3249-04
102	.00000	.40000	26.000	.2954-02	.3491-02	.3840-02	43.16	.1275	.3498	542.1	.8911-04
107	.00000	.45000	1027.0	.3393-02	.4010-02	.4421-02	42.46	.1436	.3612	559.9	.1021-03
107	.00000	.55000	1029.0	.3244-02	.3847-02	.4240-02	42.45	.1377	.3614	560.1	.9793-04
107	.00000	.60000	1030.0	.3643-02	.4320-02	.4762-02	42.41	.1545	.3619	560.9	.1100-03
107	.00000	.65000	1031.0	.3822-02	.4532-02	.4996-02	42.44	.1622	.3615	560.3	.1154-03
107	.00000	.70000	1032.0	.5383-02	.6383-02	.7037-02	42.41	.2283	.3620	561.0	.1625-03
107	.00000	.75000	1033.0	.5304-02	.6290-02	.6934-02	42.41	.2250	.3619	560.9	.1601-03
107	.00000	.80000	1034.0	.4065-02	.4821-02	.5315-02	42.41	.1724	.3619	560.9	.1227-03
107	.00000	.85000	1035.0	.3837-02	.4550-02	.5016-02	42.42	.1628	.3618	560.8	.1158-03
107	.00000	.90000	1036.0	.3880-02	.4602-02	.5074-02	42.38	.1644	.3624	561.6	.1171-03
107	.00000	.95000	1038.0	.3703-02	.4391-02	.4841-02	42.38	.1569	.3623	561.6	.1118-03
107	.00000	.97500	1039.0	.1721-02	.2041-02	.2249-02	42.47	.7311-01	.3610	559.6	.5195-04
102	.00000	1.0300	41.000	.7285-02	.8608-02	.9468-02	43.19	.3146	.3493	541.3	.2198-03
102	.00000	1.0450	42.000	.8308-02	.9818-02	.1080-01	43.14	.3584	.3500	542.5	.2503-03
102	10.000	.10000+00	45.000	.2363-01	.2793-01	.3073-01	43.09	1.018	.3507	543.5	.7130-03
102	14.000	.50000-01	44.000	.5918-01	.6997-01	.7699-01	43.02	2.546	.3517	545.1	.1786-02
102	20.000	.10000+00	207.00	.3959-01	.4680-01	.5148-01	43.10	1.706	.3506	543.3	.1195-02
102	20.000	.15000	211.00	.1835-01	.2168-01	.2385-01	43.15	.7915	.3499	542.3	.5535-03
102	24.000	.20000	48.000	.1149-01	.1358-01	.1494-01	43.18	.4964	.3494	541.5	.3468-03
102	24.500	.10000+00	208.00	.5056-01	.5976-01	.6574-01	43.10	2.179	.3506	543.3	.1525-02
102	25.500	.15000	212.00	.2413-01	.2852-01	.3137-01	43.14	1.041	.3500	542.4	.7280-03
102	31.500	.20000	215.00	.1415-01	.1671-01	.1838-01	43.18	.6108	.3494	541.5	.4267-03
102	35.000	.50000-01	203.00	.1104	.1305	.1436	43.00	4.747	.3520	545.5	.3331-02
102	35.000	.20000	216.00	.1667-01	.1970-01	.2167-01	43.18	.7199	.3494	541.6	.5029-03
102	39.000	.10000+00	209.00	.6191-01	.7317-01	.8048-01	43.14	2.671	.3500	542.4	.1868-02
102	40.000	.20000	217.00	.1882-01	.2224-01	.2443-01	43.17	.8125	.3495	541.7	.5678-03
102	42.500	.50000-01	204.00	.9733-01	.1151	.1267	42.97	4.183	.3524	546.2	.2938-02
102	45.500	.15000	214.00	.4678-01	.5527-01	.6079-01	43.20	2.021	.3492	541.1	.1411-02
102	51.000	.20000	218.00	.2260-01	.2671-01	.2938-01	43.18	.9760	.3494	541.5	.6819-03
102	60.000	.50000-01	205.00	.1240	.1466	.1614	42.96	5.326	.3526	546.4	.3742-02
102	67.500	.20000	219.00	.1475-01	.1743-01	.1917-01	43.19	.6372	.3493	541.3	.4451-03
102	114.00	.40000	388.00	.4047-03	.4777-03	.5250-03	43.47	.1759-01	.3452	535.0	.1220-04
102	114.00	.70000	394.00	.2107-01	.2491-01	.2740-01	43.10	.9082	.3506	543.3	.6358-03
102	157.50	.50000	225.00	.2060-01	.2435-01	.2678-01	43.18	.8896	.3495	541.6	.6216-03
102	157.50	.70000	229.00	.1790-01	.2115-01	.2327-01	43.15	.7724	.3498	542.1	.5400-03
102	157.50	.80000	231.00	.5508-03	.6498-03	.7141-03	43.55	.2398-01	.3441	533.3	.1660-04
102	180.00	.40000	182.00	.9004-02	.1064-01	.1171-01	43.08	.3879	.3505	543.7	.2717-03

OH105B 60-O FUSELAGE (R3RA36)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
102	180.00	.50000	184.00	.1916-01	.2264-01	.2489-01	43.25	.8288	.3484	539.9	.5779-03
102	180.00	.60000	186.00	.2563-01	.3029-01	.3332-01	43.16	1.106	.3498	542.0	.7733-03
102	180.00	.70000	188.00	.2906-03	.3429-03	.3767-03	43.56	.1266-01	.3439	533.0	.8757-05
102	180.00	.80000	190.00	.2771-01	.3275-01	.3602-01	43.11	1.194	.3504	543.0	.8360-03
102	315.00	.50000	236.00	.2876-02	.3398-02	.3738-02	43.13	.1240	.3501	542.6	.8676-04
102	315.00	.70000	240.00	.4151-02	.4905-02	.5396-02	43.15	.1791	.3499	542.3	.1252-03
102	315.00	.80000	242.00	.1385-02	.1634-02	.1796-02	43.53	.6029-01	.3443	533.6	.4173-04

OH105B 60-0 FUSELAGE (R3RA37)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
103	.0000	.0000	7.300	2.994	699.1	1496.	368.5	.1256	131.7	.7998-04	4107.	.1750-01
106	.0000	.0000	7.300	2.898	700.5	1527.	376.5	.1255	134.6	.7827-04	4151.	.1750-01
111	.0000	.0000	7.300	2.913	699.1	1521.	374.9	.1253	134.0	.7848-04	4142.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
103	.0000	.2188
106	.0000	.2192
111	.0000	.2189

TEST DATA

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
103	.00000	.00000	1.0000	.7812	.9260	1.021	51.50	40.23	.3607	553.9	.1916-01
103	.00000	.50000-02	2.0000	.4859	.5760	.6348	51.53	25.04	.3604	553.4	.1192-01
103	.00000	.10000-01	3.0000	.3117	.3694	.4071	51.57	16.08	.3599	552.6	.7644-02
103	.00000	.20000-01	4.0000	.1560	.1848	.2037	51.61	8.049	.3595	552.0	.3824-02
103	.00000	.30000-01	5.0000	.9211-01	.1091	.1202	51.67	4.759	.3587	550.8	.2258-02
103	.00000	.40000-01	6.0000	.7323-01	.8676-01	.9558-01	51.69	3.785	.3585	550.5	.1795-02
103	.00000	.50000-01	7.0000	.5424-01	.6425-01	.7078-01	51.72	2.805	.3582	550.0	.1329-02
103	.00000	.60000-01	8.0000	.4892-01	.5795-01	.6384-01	51.72	2.530	.3581	550.0	.1199-02
103	.00000	.70000-01	9.0000	.3723-01	.4410-01	.4858-01	51.74	1.926	.3579	549.7	.9125-03
103	.00000	.80000-01	10.000	.2703-01	.3201-01	.3526-01	51.75	1.399	.3578	549.4	.6624-03
103	.00000	.90000-01	11.000	.2365-01	.2801-01	.3086-01	51.75	1.224	.3578	549.5	.5797-03
103	.00000	.10000+00	12.000	.1939-01	.2297-01	.2530-01	51.76	1.004	.3577	549.2	.4753-03
103	.00000	.12000	13.000	.1470-01	.1741-01	.1918-01	51.77	.7611	.3575	549.0	.3803-03
103	.00000	.13000	14.000	.1387-01	.1643-01	.1810-01	51.77	.7184	.3575	549.0	.3400-03
103	.00000	.14000	15.000	.1212-01	.1435-01	.1581-01	51.78	.6274	.3574	548.9	.2970-03
103	.00000	.15000	16.000	.1082-01	.1282-01	.1412-01	51.76	.5602	.3576	549.2	.2653-03
103	.00000	.16000	17.000	.1136-01	.1345-01	.1482-01	51.76	.5879	.3577	549.3	.2784-03

OH105B 60-0 FUSELAGE (R3RA37)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
103	.00000	.17000	18.000	.1004-01	.1189-01	.1310-01	51.76	.5197	.3577	549.3	.2461-03
103	.00000	.18000	19.000	.1012-01	.1199-01	.1321-01	51.76	.5238	.3577	549.3	.2481-03
103	.00000	.19000	20.000	.8569-02	.1015-01	.1118-01	51.75	.4434	.3577	549.4	.2100-03
103	.00000	.20000	21.000	.8060-02	.9546-02	.1052-01	51.74	.4170	.3579	549.6	.1975-03
103	.00000	.25000	23.000	.4924-02	.5832-02	.6425-02	51.75	.2548	.3578	549.5	.1207-03
103	.00000	.35000	25.000	.9491-03	.1122-02	.1235-02	52.29	.4963-01	.3514	539.6	.2323-04
103	.00000	.40000	26.000	.2726-02	.3228-02	.3555-02	51.81	.1412	.3571	548.3	.6680-04
106	.00000	.45000	1027.0	.2654-02	.3141-02	.3459-02	53.12	.1410	.3559	558.4	.6582-04
106	.00000	.55000	1029.0	.3289-02	.3894-02	.4288-02	53.09	.1746	.3562	559.0	.8158-04
106	.00000	.60000	1030.0	.4081-02	.4832-02	.5321-02	53.05	.2165	.3567	559.8	.1012-03
106	.00000	.65000	1031.0	.4348-02	.5148-02	.5669-02	53.09	.2308	.3562	559.0	.1079-03
106	.00000	.70000	1032.0	.4849-02	.5742-02	.6323-02	53.06	.2573	.3566	559.5	.1203-03
106	.00000	.75000	1033.0	.5121-02	.6063-02	.6678-02	53.07	.2717	.3565	559.5	.1270-03
106	.00000	.80000	1034.0	.6037-02	.7149-02	.7873-02	53.05	.3203	.3568	559.8	.1498-03
106	.00000	.85000	1035.0	.6106-02	.7231-02	.7964-02	53.04	.3239	.3568	559.9	.1515-03
106	.00000	.90000	1036.0	.6023-02	.7133-02	.7857-02	52.99	.3191	.3574	560.9	.1494-03
106	.00000	.95000	1038.0	.3206-02	.3796-02	.4181-02	53.01	.1699	.3571	560.4	.7954-04
106	.00000	.97500	1039.0	.1599-02	.1893-02	.2084-02	53.11	.8491-01	.3561	558.7	.3966-04
103	.00000	1.0300	41.000	.9476-02	.1122-01	.1235-01	51.97	.4925	.3551	545.4	.2321-03
103	.00000	1.0450	42.000	.1530-01	.1812-01	.1996-01	51.76	.7919	.3577	549.3	.3750-03
103	10.000	.10000+00	45.000	.2396-01	.2838-01	.3126-01	51.73	1.239	.3580	549.8	.5872-03
103	14.000	.50000-01	44.000	.5995-01	.7102-01	.7824-01	51.68	3.098	.3586	550.7	.1469-02
103	20.000	.10000+00	207.00	.4082-01	.4835-01	.5326-01	51.74	2.112	.3578	549.5	.1001-02
103	20.000	.15000	211.00	.1815-01	.2149-01	.2367-01	51.79	.9400	.3573	548.7	.4448-03
103	24.000	.20000	48.000	.1127-01	.1335-01	.1470-01	51.83	.5843	.3568	547.9	.2762-03
103	24.500	.10000+00	208.00	.5183-01	.6139-01	.6763-01	51.73	2.681	.3580	549.8	.1270-02
103	25.500	.15000	212.00	.2574-01	.3048-01	.3358-01	51.74	1.332	.3578	549.5	.6308-03
103	31.500	.20000	215.00	.1421-01	.1683-01	.1853-01	51.82	.7365	.3569	548.0	.3482-03
103	35.000	.50000-01	203.00	.1120	.1327	.1462	51.66	5.786	.3588	551.1	.2746-02
103	35.000	.20000	216.00	.1682-01	.1991-01	.2193-01	51.82	.8714	.3569	548.2	.4121-03
103	39.000	.10000+00	209.00	.6309-01	.7473-01	.8232-01	51.75	3.265	.3578	549.5	.1546-02
103	40.000	.20000	217.00	.1912-01	.2264-01	.2493-01	51.82	.9906	.3570	548.2	.4685-03
103	42.500	.50000-01	204.00	.9805-01	.1162	.1280	51.62	5.061	.3594	551.9	.2404-02
103	45.500	.15000	214.00	.4662-01	.5520-01	.6080-01	51.86	2.418	.3565	547.5	.1142-02
103	51.000	.20000	218.00	.2228-01	.2638-01	.2906-01	51.83	1.155	.3568	548.0	.5460-03
103	60.000	.50000-01	205.00	.1264	.1498	.1651	51.59	6.522	.3597	552.4	.3100-02
103	67.500	.20000	219.00	.1399-01	.1656-01	.1824-01	51.85	.7254	.3566	547.6	.3428-03
103	114.00	.70000	394.00	.2411-01	.2855-01	.3145-01	51.76	1.248	.3577	549.3	.5908-03
103	157.50	.50000	225.00	.2317-01	.2744-01	.3022-01	51.82	1.201	.3570	548.2	.5678-03
103	157.50	.70000	229.00	.2695-01	.3192-01	.3516-01	51.75	1.395	.3578	549.5	.6605-03
103	157.50	.80000	231.00	.8888-03	.1050-02	.1155-02	52.50	.4667-01	.3488	535.7	.2174-04
103	180.00	.40000	182.00	.1006-01	.1192-01	.1313-01	51.70	.5203	.3583	550.3	.2467-03
103	180.00	.50000	184.00	.2180-01	.2580-01	.2841-01	51.97	1.133	.3552	545.5	.5340-03

OH105B 60-0 FUSELAGE (R3RA37)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
103	180.00	.60000	186.00	.2873-01	.3402-01	.3748-01	51.81	1.488	.3571	548.4	.7041-03
103	180.00	.70000	188.00	.5014-03	.5923-03	.6514-03	52.51	.2633-01	.3487	535.6	.1226-04
103	180.00	.80000	190.00	.2993-01	.3544-01	.3904-01	51.75	1.549	.3578	549.4	.7335-03
103	315.00	.50000	236.00	.2734-02	.3237-02	.3566-02	51.79	.1416	.3573	548.7	.6699-04
103	315.00	.70000	240.00	.8266-02	.9791-02	.1079-01	51.74	.4277	.3579	549.7	.2026-03
103	315.00	.80000	242.00	.1779-02	.2102-02	.2311-02	52.49	.9336-01	.3490	536.0	.4351-04

OH105B 60-0 FUSELAGE (R3RA38)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
104	.0000	.0000	7.300	3.717	863.9	1492.	367.4	.1552	131.3	.9916-04	4101.	.1750-01
105	.0000	.0000	7.300	3.661	864.6	1506.	371.1	.1552	132.7	.9816-04	4121.	.1750-01
113	.0000	.0000	7.300	3.601	859.9	1516.	373.7	.1542	133.6	.9687-04	4136.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
104	.0000	.2432
105	.0000	.2434
113	.0000	.2428

TEST DATA

RUN NUMBER	PHI	X8/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
104	.00000	.00000	1.0000	.7940	.9427	1.040	56.60	44.94	.3659	560.2	.1751-01
104	.00000	.50000-02	2.0000	.4940	.5863	.6468	56.66	27.99	.3652	559.2	.1089-01
104	.00000	.10000-01	3.0000	.3170	.3763	.4150	56.70	17.98	.3648	558.5	.6988-02
104	.00000	.20000-01	4.0000	.1541	.1828	.2016	56.76	8.744	.3642	557.6	.3395-02
104	.00000	.30000-01	5.0000	.9398-01	.1115	.1230	56.83	5.341	.3634	556.4	.2071-02
104	.00000	.40000-01	6.0000	.7405-01	.8785-01	.9688-01	56.84	4.210	.3632	556.2	.1632-02
104	.00000	.50000-01	7.0000	.5478-01	.6498-01	.7165-01	56.88	3.116	.3629	555.6	.1207-02
104	.00000	.60000-01	8.0000	.4908-01	.5822-01	.6420-01	56.87	2.792	.3629	555.7	.1081-02
104	.00000	.70000-01	9.0000	.3754-01	.4452-01	.4909-01	56.88	2.135	.3628	555.5	.8270-03
104	.00000	.80000-01	10.000	.2715-01	.3221-01	.3551-01	56.90	1.545	.3626	555.3	.5982-03
104	.00000	.90000-01	11.000	.2340-01	.2776-01	.3061-01	56.90	1.332	.3627	555.3	.5156-03
104	.00000	.10000+00	12.000	.1955-01	.2319-01	.2557-01	56.91	1.113	.3625	555.0	.4308-03
104	.00000	.12000	13.000	.1480-01	.1756-01	.1936-01	56.93	.8428	.3623	554.7	.3261-03
104	.00000	.13000	14.000	.1359-01	.1611-01	.1777-01	56.92	.7735	.3624	554.8	.2993-03
104	.00000	.14000	15.000	.1201-01	.1425-01	.1571-01	56.92	.6838	.3624	554.8	.2646-03
104	.00000	.15000	16.000	.1183-01	.1403-01	.1547-01	56.91	.6732	.3625	555.1	.2606-03
104	.00000	.16000	17.000	.1067-01	.1266-01	.1395-01	56.90	.6071	.3627	555.3	.2351-03

OH105B 60-O FUSELAGE (R3RA38)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
104	.00000	.17000	18.000	.1042-01	.1236-01	.1363-01	56.90	.5930	.3626	555.2	.2296-03
104	.00000	.18000	19.000	.9859-02	.1169-01	.1289-01	56.90	.5609	.3627	555.3	.2172-03
104	.00000	.19000	20.000	.9133-02	.1083-01	.1195-01	56.88	.5195	.3628	555.5	.2012-03
104	.00000	.20000	21.000	.8446-02	.1002-01	.1105-01	56.87	.4803	.3629	555.7	.1861-03
104	.00000	.25000	23.000	.5716-02	.6780-02	.7476-02	56.87	.3250	.3629	555.7	.1259-03
104	.00000	.35000	25.000	.1772-02	.2097-02	.2308-02	57.62	.1021	.3549	543.4	.3896-04
104	.00000	.40000	26.000	.2274-02	.2696-02	.2972-02	56.97	.1295	.3619	554.1	.5008-04
105	.00000	.45000	1027.0	.2558-02	.3032-02	.3341-02	57.77	.1478	.3599	556.7	.5665-04
105	.00000	.55000	1029.0	.3539-02	.4195-02	.4623-02	57.75	.2044	.3602	557.1	.7839-04
105	.00000	.60000	1030.0	.4818-02	.5711-02	.6295-02	57.69	.2779	.3608	558.0	.1067-03
105	.00000	.65000	1031.0	.5799-02	.6873-02	.7575-02	57.75	.3349	.3602	557.1	.1284-03
105	.00000	.70000	1032.0	.6750-02	.8002-02	.8819-02	57.70	.3895	.3607	557.9	.1495-03
105	.00000	.75000	1033.0	.7051-02	.8359-02	.9212-02	57.73	.4071	.3604	557.3	.1562-03
105	.00000	.80000	1034.0	.5795-02	.6868-02	.7570-02	57.73	.3345	.3604	557.3	.1283-03
105	.00000	.85000	1035.0	.6168-02	.7311-02	.8058-02	57.73	.3561	.3603	557.3	.1366-03
105	.00000	.90000	1036.0	.7422-02	.8799-02	.9699-02	57.67	.4280	.3610	558.3	.1644-03
105	.00000	.95000	1038.0	.7180-02	.8512-02	.9383-02	57.67	.4141	.3610	558.4	.1591-03
105	.00000	.97500	1039.0	.4978-02	.5899-02	.6501-02	57.80	.2877	.3565	556.2	.1102-03
104	.00000	1.0300	41.000	.1723-01	.2042-01	.2251-01	57.14	.9847	.3600	551.3	.3794-03
104	.00000	1.0450	42.000	.2229-01	.2643-01	.2915-01	56.89	1.268	.3627	555.3	.4910-03
104	10.000	.10000+00	45.000	.2408-01	.2856-01	.3149-01	56.90	1.370	.3627	555.3	.5304-03
104	14.000	.50000-01	44.000	.6104-01	.7242-01	.7986-01	56.83	3.469	.3634	556.4	.1345-02
104	20.000	.10000+00	207.00	.4144-01	.4916-01	.5420-01	56.90	2.358	.3626	555.2	.9131-03
104	20.000	.15000	211.00	.1836-01	.2178-01	.2401-01	56.95	1.046	.3621	554.4	.4045-03
104	24.000	.20000	48.000	.1132-01	.1342-01	.1480-01	57.00	.6452	.3615	553.5	.2493-03
104	24.500	.10000+00	208.00	.5147-01	.6105-01	.6731-01	56.90	2.928	.3627	555.3	.1134-02
104	25.500	.15000	212.00	.2420-01	.2870-01	.3164-01	56.94	1.378	.3623	554.7	.5330-03
104	31.500	.20000	215.00	.1424-01	.1689-01	.1862-01	56.99	.8119	.3616	553.7	.3138-03
104	35.000	.50000-01	203.00	.1131	.1342	.1480	56.79	6.425	.3638	557.0	.2493-02
104	35.000	.20000	216.00	.1694-01	.2009-01	.2214-01	56.99	.9654	.3617	553.7	.3731-03
104	39.000	.10000+00	209.00	.6416-01	.7609-01	.8389-01	56.93	3.653	.3623	554.7	.1413-02
104	40.000	.20000	217.00	.1920-01	.2277-01	.2510-01	56.98	1.094	.3618	554.0	.4229-03
104	42.500	.50000-01	204.00	.9911-01	.1176	.1297	56.75	5.624	.3643	557.7	.2184-02
104	45.500	.15000	214.00	.4618-01	.5475-01	.6035-01	57.04	2.634	.3612	553.0	.1017-02
104	51.000	.20000	218.00	.2205-01	.2614-01	.2882-01	56.99	1.256	.3616	553.7	.4856-03
104	60.000	.50000-01	205.00	.1288	.1528	.1685	56.71	7.302	.3646	558.3	.2838-02
104	67.500	.20000	219.00	.1341-01	.1590-01	.1753-01	57.02	.7648	.3614	553.3	.2954-03
104	114.00	.40000	388.00	.1850-03	.2189-03	.2410-03	57.71	.1068-01	.3539	541.9	.4068-05
104	114.00	.70000	394.00	.2591-01	.3074-01	.3390-01	56.84	1.473	.3633	556.2	.5708-03
104	157.50	.50000	225.00	.2405-01	.2852-01	.3144-01	56.97	1.370	.3619	554.1	.5298-03
104	157.50	.70000	229.00	.2721-01	.3227-01	.3558-01	56.92	1.549	.3625	555.0	.5995-03
104	180.00	.40000	182.00	.1030-01	.1221-01	.1347-01	56.82	.5850	.3634	556.5	.2269-03
104	180.00	.50000	184.00	.2385-01	.2827-01	.3115-01	57.16	1.363	.3598	550.9	.5251-03

OH105B 60-O FUSELAGE (R3RA38)

RUN NUMBER	PHI	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
104	180.00	.60000	186.00	.3126-01	.3708-01	.4088-01	56.93	1.780	.3623	554.8	.6887-03
104	180.00	.80000	190.00	.3095-01	.3671-01	.4048-01	56.86	1.760	.3630	555.9	.6819-03
104	315.00	.50000	236.00	.3757-02	.4456-02	.4913-02	56.91	.2138	.3625	555.0	.8276-04
104	315.00	.70000	240.00	.7134-02	.8461-02	.9329-02	56.92	.4060	.3625	555.0	.1572-03
104	315.00	.80000	242.00	.1747-02	.2066-02	.2273-02	57.89	.1011	.3520	539.0	.3840-04

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
52	.0000	.0000	7.300	1.004	235.1	1498.	369.1	.4221-01	131.9	.2685-04	4110.	.1750-01
72	.0000	.0000	7.300	1.037	235.4	1472.	362.0	.4234-01	129.4	.2746-04	4070.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
52	.0000	.1269
72	.0000	.1268

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
52	46.800	.50000	1050.0	.5756-02	.6813-02	.7502-02	30.16	.1736	.3556	546.9	.2434-03
52	46.800	.70000	1052.0	.4501-02	.5327-02	.5866-02	30.17	.1358	.3555	546.8	.1903-03
52	46.800	.80000	1053.0	.3482-02	.4122-02	.4538-02	30.16	.1050	.3557	547.1	.1472-03
52	46.800	.90000	1054.0	.2631-02	.3115-02	.3430-02	30.15	.7934-01	.3558	547.2	.1113-03
52	46.800	.97500	1056.0	.1725-02	.2042-02	.2248-02	30.20	.5211-01	.3548	545.7	.7295-04
72	46.800	1.0450	59.000	.1898-02	.2253-02	.2486-02	29.11	.5525-01	.3657	551.7	.7944-04
72	46.800	1.0600	60.000	.1273-02	.1511-02	.1667-02	29.08	.3702-01	.3662	552.4	.5327-04
52	93.600	.60000	1063.0	.1090-01	.1290-01	.1421-01	30.16	.3288	.3556	546.9	.4610-03
52	93.600	.70000	1064.0	.7350-02	.8698-02	.9575-02	30.22	.2221	.3545	545.2	.3107-03
52	93.600	.80000	1065.0	.7601-02	.8998-02	.9907-02	30.17	.2293	.3555	546.8	.3214-03
52	93.600	.90000	1066.0	.5962-02	.7057-02	.7770-02	30.16	.1798	.3555	546.9	.2521-03
52	93.600	.95000	1067.0	.4844-02	.5735-02	.6315-02	30.15	.1461	.3558	547.2	.2049-03
52	93.600	.97500	1068.0	.4295-02	.5083-02	.5597-02	30.18	.1296	.3553	546.5	.1816-03
72	93.600	1.0150	69.000	.3766-02	.4471-02	.4932-02	29.12	.1097	.3654	551.3	.1576-03

OH105B 60-0 FUSELAGE (R3RB26)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
53	.0000	.0000	7.300	1.932	466.4	1526.	376.2	.8360-01	134.5	.5216-04	4150.	.1750-01
71	.0000	.0000	7.300	1.951	465.2	1515.	373.4	.8345-01	133.5	.5246-04	4134.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
53	.0000	.1789
71	.0000	.1786

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
53	46.800	.50000	1050.0	.6872-02	.8128-02	.8946-02	43.51	.2990	.3531	553.7	.2087-03
53	46.800	.70000	1052.0	.6313-02	.7466-02	.8217-02	43.53	.2748	.3528	553.2	.1917-03
53	46.800	.80000	1053.0	.5948-02	.7036-02	.7744-02	43.51	.2588	.3531	553.6	.1806-03
53	46.800	.90000	1054.0	.3598-02	.4256-02	.4684-02	43.50	.1565	.3533	553.9	.1093-03
53	46.800	.97500	1056.0	.2157-02	.2551-02	.2807-02	43.57	.9399-01	.3522	552.2	.6549-04
71	46.800	1.0450	59.000	.7644-03	.9049-03	.9966-03	42.90	.3279-01	.3562	554.4	.2315-04
71	46.800	1.0600	60.000	.1449-02	.1716-02	.1890-02	42.86	.6211-01	.3569	555.3	.4389-04
53	93.600	.60000	1063.0	.1077-01	.1274-01	.1402-01	43.51	.4686	.3530	553.5	.3270-03
53	93.600	.70000	1064.0	.8544-02	.1010-01	.1112-01	43.56	.3722	.3523	552.5	.2594-03
53	93.600	.80000	1065.0	.7276-02	.8606-02	.9471-02	43.53	.3167	.3527	553.1	.2209-03
53	93.600	.90000	1066.0	.5230-02	.6187-02	.6809-02	43.51	.2276	.3530	553.5	.1588-03
53	93.600	.95000	1067.0	.5456-02	.6454-02	.7104-02	43.48	.2372	.3535	554.2	.1657-03
53	93.600	.97500	1068.0	.4640-02	.5488-02	.6040-02	43.51	.2019	.3531	553.7	.1409-03
71	93.600	1.0150	69.000	.8954-03	.1060-02	.1167-02	42.92	.3843-01	.3559	553.9	.2711-04

OH105B 60-0 FUSELAGE (R3RB27)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BOFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
54	.0000	.0000	7.300	2.857	699.3	1538.	379.5	.1252	135.7	.7745-04	4168.	.1750-01
70	.0000	.0000	7.300	2.975	699.2	1502.	370.0	.1255	132.3	.7965-04	4115.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
54	.0000	.2191
70	.0000	.2188

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
54	46.800	.50000	1050.0	.7924-02	.9364-02	.1030-01	54.05	.4283	.3497	553.1	.1974-03
54	46.800	.70000	1052.0	.9450-02	.1117-01	.1228-01	54.02	.5105	.3500	553.7	.2355-03
54	46.800	.80000	1053.0	.7886-02	.9321-02	.1025-01	53.99	.4258	.3504	554.3	.1965-03
54	46.800	.90000	1054.0	.4916-02	.5811-02	.6393-02	53.97	.2653	.3506	554.6	.1225-03
54	46.800	.97500	1056.0	.2610-02	.3084-02	.3392-02	54.12	.1413	.3488	551.9	.6503-04
70	46.800	1.0450	59.000	.1377-02	.1630-02	.1795-02	52.08	.7169-01	.3565	549.6	.3381-04
70	46.800	1.0600	60.000	.1593-02	.1886-02	.2077-02	52.02	.8285-01	.3571	550.7	.3912-04
54	93.600	.60000	1063.0	.1017-01	.1202-01	.1322-01	54.06	.5500	.3496	553.0	.2535-03
54	93.600	.70000	1064.0	.8722-02	.1030-01	.1133-01	54.12	.4720	.3489	551.8	.2173-03
54	93.600	.80000	1065.0	.7012-02	.8287-02	.9116-02	54.01	.3787	.3502	553.9	.1747-03
54	93.600	.90000	1066.0	.5589-02	.6605-02	.7266-02	54.00	.3018	.3502	554.0	.1393-03
54	93.600	.95000	1067.0	.4890-02	.5780-02	.6358-02	53.99	.2640	.3504	554.2	.1219-03
54	93.600	.97500	1068.0	.4540-02	.5365-02	.5901-02	54.06	.2454	.3496	553.0	.1131-03
70	93.600	1.0150	69.000	.8236-03	.9750-03	.1074-02	52.11	.4292-01	.3561	549.0	.2023-04

OH105B 60-0 FUSELAGE (R3RB28)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
55	.0000	.0000	7.300	3.530	858.9	1533.	378.1	.1539	135.2	.9553-04	4160.	.1750-01
69	.0000	.0000	7.300	3.687	860.4	1496.	368.3	.1545	131.7	.9849-04	4106.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
55	.0000	.2428
69	.0000	.2427

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
55	46.800	.50000	1050.0	.8155-02	.9646-02	.1062-01	59.35	.4840	.3530	556.3	.1830-03
55	46.800	.70000	1052.0	.9784-02	.1157-01	.1274-01	59.31	.5803	.3534	556.9	.2196-03
55	46.800	.80000	1053.0	.8811-02	.1042-01	.1148-01	59.26	.5221	.3540	557.8	.1978-03
55	46.800	.90000	1054.0	.5377-02	.6363-02	.7004-02	59.23	.3185	.3543	558.2	.1207-03
55	46.800	.97500	1056.0	.3452-02	.4083-02	.4493-02	59.39	.2050	.3526	555.6	.7748-04
69	46.800	1.0450	59.000	.2659-02	.3152-02	.3474-02	57.12	.1519	.3606	553.5	.5877-04
69	46.800	1.0600	60.000	.1683-02	.1995-02	.2199-02	57.07	.9605-01	.3611	554.4	.3720-04
55	93.600	.60000	1063.0	.9840-02	.1164-01	.1281-01	59.34	.5839	.3532	556.5	.2209-03
55	93.600	.70000	1064.0	.8378-02	.9910-02	.1091-01	59.35	.4972	.3530	556.3	.1881-03
55	93.600	.80000	1065.0	.7291-02	.8626-02	.9495-02	59.29	.4323	.3536	557.2	.1637-03
55	93.600	.90000	1066.0	.5288-02	.6257-02	.6888-02	59.24	.3133	.3542	558.1	.1187-03
55	93.600	.95000	1067.0	.5132-02	.6073-02	.6686-02	59.17	.3036	.3549	559.3	.1152-03
55	93.600	.97500	1068.0	.4331-02	.5125-02	.5642-02	59.22	.2565	.3544	558.4	.9724-04

OH105B 60-0 FUSELAGE (R3RB29)

FUSELAGE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
57	10.00	.0000	7.300	1.046	232.2	1452.	356.8	.4182-01	127.6	.2751-04	4041.	.1750-01
73	10.00	.0000	7.300	.9940	236.1	1511.	372.4	.4236-01	133.1	.2670-04	4129.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
57	.0000	.1259
73	.0000	.1272

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
57	46.800	.50000	1050.0	.1637-01	.1946-01	.2149-01	28.25	.4624	.3707	551.2	.6844-03
57	46.800	.70000	1052.0	.1194-01	.1420-01	.1568-01	28.23	.3371	.3710	551.6	.4993-03
57	46.800	.80000	1053.0	.1018-01	.1211-01	.1337-01	28.21	.2873	.3714	552.3	.4258-03
57	46.800	.90000	1054.0	.7772-02	.9242-02	.1021-01	28.21	.2193	.3714	552.3	.3250-03
57	46.800	.97500	1056.0	.4917-02	.5844-02	.6453-02	28.28	.1390	.3701	550.3	.2055-03
73	46.800	1.0450	59.000	.3131-02	.3699-02	.4067-02	30.87	.9665-01	.3483	540.6	.1327-03
73	46.800	1.0600	60.000	.2809-02	.3318-02	.3649-02	30.86	.8668-01	.3485	540.9	.1190-03
57	93.600	.60000	1063.0	.2400-01	.2854-01	.3152-01	28.24	.6780	.3708	551.3	.1004-02
57	93.600	.70000	1064.0	.1857-01	.2208-01	.2438-01	28.26	.5249	.3703	550.7	.7764-03
57	93.600	.80000	1065.0	.1563-01	.1859-01	.2053-01	28.23	.4412	.3711	551.9	.6536-03
57	93.600	.90000	1066.0	.1182-01	.1405-01	.1552-01	28.22	.3334	.3713	552.1	.4941-03
57	93.600	.95000	1067.0	.1251-01	.1488-01	.1643-01	28.22	.3531	.3712	552.0	.5231-03
57	93.600	.97500	1068.0	.1159-01	.1378-01	.1522-01	28.26	.3276	.3705	550.9	.4847-03
73	93.600	1.0150	69.000	.5945-02	.7023-02	.7724-02	30.86	.1835	.3484	540.8	.2519-03

FUSELAGE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
56	10.00	.0000	7.300	1.934	463.8	1520.	374.7	.8316-01	134.0	.5210-04	4141.	.1750-01
74	10.00	.0000	7.300	1.946	465.5	1518.	374.1	.8347-01	133.7	.5238-04	4138.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
56	.0000	.1783
74	.0000	.1786

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
56	46.800	.50000	1050.0	.1689-01	.2004-01	.2210-01	42.50	.7179	.3633	567.4	.5143-03
56	46.800	.70000	1052.0	.1385 01	.1642-01	.1811-01	42.52	.5887	.3630	566.9	.4215-03
56	46.800	.80000	1053.0	.1175-01	.1394-01	.1537-01	42.52	.4996	.3629	566.8	.3577-03
56	46.800	.90000	1054.0	.9005-02	.1068-01	.1178-01	42.54	.3830	.3627	566.5	.2741-03
56	46.800	.97500	1056.0	.5669-02	.6719-02	.7406-02	42.68	.2419	.3606	563.2	.1725-03
74	46.800	1.0450	59.000	.3476-02	.4106-02	.4515-02	43.56	.1514	.3481	542.7	.1052-03
74	46.800	1.0600	60.000	.2627-02	.3103-02	.3413-02	43.53	.1144	.3484	543.3	.7949-04
56	93.600	.50000	1062.0	.5375-02	.6365-02	.7011-02	42.92	.2307	.3572	557.9	.1634-03
56	93.600	.60000	1063.0	.2478-01	.2939-01	.3241-01	42.50	1.053	.3632	567.2	.7543-03
56	93.600	.70000	1064.0	.2175-01	.2579-01	.2843-01	42.56	.9254	.3624	566.0	.6619-03
56	93.600	.80000	1065.0	.1590-01	.1886-01	.2080-01	42.55	.6766	.3626	566.2	.4841-03
56	93.600	.90000	1066.0	.1231-01	.1460-01	.1609-01	42.56	.5237	.3624	566.0	.3746-03
56	93.600	.95000	1067.0	.1268-01	.1504-01	.1658-01	42.58	.5400	.3620	565.4	.3860-03
56	93.600	.97500	1068.0	.1206-01	.1430-01	.1576-01	42.66	.5144	.3610	563.8	.3670-03
74	93.600	1.0150	69.000	.6701-02	.7916-02	.8705-02	43.55	.2918	.3482	542.9	.2028-03

FUSELAGE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
58	15.00	.0000	7.300	1.045	238.9	1478.	363.7	.4296-01	130.0	.2773-04	4080.	.1750-01
76	15.00	.0000	7.300	1.012	235.6	1494.	367.8	.4233-01	131.5	.2701-04	4103.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
58	.0000	.1278
76	.0000	.1270

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
58	46.800	.50000	1050.0	.2574-01	.3051-01	.3363-01	29.69	.7641	.3610	547.2	.1071-02
58	46.800	.70000	1052.0	.1881-01	.2230-01	.2458-01	29.68	.5583	.3612	547.5	.7828-03
58	46.800	.80000	1053.0	.1659-01	.1968-01	.2169-01	29.66	.4921	.3617	548.2	.6907-03
53	46.800	.90000	1054.0	.1252-01	.1484-01	.1636-01	29.66	.3712	.3617	548.2	.5210-03
58	46.800	.97500	1056.0	.7813-02	.9261-02	.1021-01	29.73	.2323	.3603	546.0	.3251-03
76	46.800	1.0450	59.000	.5235-02	.6202-02	.6832-02	29.96	.1569	.3583	549.3	.2208-03
76	46.800	1.0600	60.000	.4049-02	.4798-02	.5286-02	29.94	.1212	.3588	550.0	.1708-03
58	93.600	.60000	1063.0	.3312-01	.3927-01	.4328-01	29.69	.9833	.3611	547.2	.1378-02
58	93.600	.70000	1064.0	.2711-01	.3214-01	.3543-01	29.68	.8044	.3613	547.6	.1128-02
58	93.600	.80000	1065.0	.2095-01	.2484-01	.2739-01	29.66	.6215	.3615	548.0	.8720-03
58	93.600	.90000	1066.0	.1622-01	.1923-01	.2120-01	29.67	.4813	.3615	547.9	.6752-03
58	93.600	.95000	1067.0	.1694-01	.2008-01	.2214-01	29.67	.5025	.3615	547.9	.7050-03
58	93.600	.97500	1068.0	.1621-01	.1922-01	.2118-01	29.71	.4816	.3606	546.6	.6745-03
76	93.600	1.0150	69.000	.9856-02	.1168-01	.1286-01	29.96	.2953	.3584	549.4	.4157-03

OH105B 60-0 FUSELAGE (R3RB32)

FUSELAGE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
59	15.00	.0000	7.300	1.949	465.7	1517.	373.9	.8352-01	133.7	.5244-04	4137.	.1750-01
75	15.00	.0000	7.300	1.963	465.3	1509.	371.9	.8350-01	133.0	.5270-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
59	.0000	.1787
75	.0000	.1786

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
59	46.800	.50000	1050.0	.2562-01	.3031-01	.3337-01	43.16	1.106	.3536	551.0	.7758-03
59	46.800	.70000	1052.0	.2103-01	.2487-01	.2738-01	43.18	.9079	.3534	550.7	.6366-03
59	46.800	.80000	1053.0	.1848-01	.2186-01	.2406-01	43.16	.7976	.3536	550.9	.5594-03
59	46.800	.90000	1054.0	.1391-01	.1645-01	.1811-01	43.16	.6003	.3536	551.0	.4211-03
59	46.800	.97500	1056.0	.8060-02	.9531-02	.1049-01	43.27	.3487	.3521	548.6	.2439-03
75	46.800	1.0450	59.000	.4730-02	.5594-02	.6157-02	42.97	.2032	.3528	546.9	.1428-03
75	46.800	1.0600	60.000	.4319-02	.5109-02	.5623-02	42.94	.1855	.3532	547.4	.1304-03
59	93.600	.50000	1062.0	.3378-02	.3995-02	.4396-02	43.24	.1460	.3525	549.3	.1022-03
59	93.600	.60000	1063.0	.3423-01	.4049-01	.4457-01	43.16	1.477	.3536	551.0	.1036-02
59	93.600	.70000	1064.0	.2897-01	.3427-01	.3772-01	43.20	1.252	.3530	550.1	.8771-03
59	93.600	.80000	1065.0	.2166-01	.2562-01	.2820-01	43.18	.9352	.3534	550.6	.6557-03
59	93.600	.90000	1066.0	.1686-01	.1995-01	.2195-01	43.19	.7282	.3533	550.4	.5104-03
59	93.600	.95000	1067.0	.1899-01	.2246-01	.2472-01	43.18	.8198	.3533	550.6	.5748-03
59	93.600	.97500	1068.0	.1784-01	.2110-01	.2322-01	43.23	.7711	.3527	549.6	.5399-03
75	93.600	1.0150	69.000	.7740-02	.9154-02	.1007-01	42.97	.3326	.3527	546.8	.2336-03

OH105B 60-0 FUSELAGE (R3RB33)

FUSELAGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
114	20.00	.0000	7.300	.9606	236.2	1542.	380.6	.4229-01	136.1	.2608-04	4174.	.1750-01
118	20.00	.0000	7.300	.9668	235.6	1534.	378.5	.4221-01	135.3	.2618-04	4162.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
114	.0000	.1274
118	.0000	.1272

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
114	46.800	.50000	1050.0	.3791-01	.4470-01	.4909-01	31.94	1.211	.3410	541.0	.1625-02
114	46.800	.70000	1052.0	.2968-01	.3499-01	.3842-01	31.95	.9484	.3408	540.5	.1272-02
114	46.800	.80000	1053.0	.2692-01	.3173-01	.3485-01	31.95	.8601	.3408	540.6	.1154-02
114	46.800	.90000	1054.0	.2066-01	.2436-01	.2675-01	31.95	.6602	.3409	540.7	.8859-03
114	46.800	.97500	1056.0	.1195-01	.1408-01	.1547-01	31.97	.3820	.3405	540.0	.5122-03
118	46.800	1.0450	59.000	.7162-02	.8447-02	.9280-02	31.63	.2266	.3428	540.8	.3065-03
118	46.800	1.0600	60.000	.8538-02	.1007-01	.1106-01	31.62	.2700	.3430	541.2	.3654-03
114	93.600	.50000	1062.0	.7291-02	.8598-02	.9444-02	31.89	.2325	.3421	542.6	.3126-03
114	93.600	.60000	1063.0	.4231-01	.4988-01	.5478-01	31.94	1.352	.3410	540.9	.1814-02
114	93.600	.70000	1064.0	.3510-01	.4137-01	.4544-01	31.95	1.121	.3409	540.8	.1505-02
114	93.600	.80000	1065.0	.2720-01	.3206-01	.3521-01	31.96	.8693	.3406	540.3	.1166-02
114	93.600	.90000	1066.0	.2166-01	.2553-01	.2804-01	31.95	.6921	.3408	540.6	.9286-03
114	93.600	.95000	1067.0	.2532-01	.2986-01	.3279-01	31.94	.8088	.3411	541.1	.1086-02
118	93.600	1.0150	69.000	.1500-01	.1769-01	.1944-01	31.63	.4745	.3428	540.8	.6419-03

OH105B 60-0 FUSELAGE (R3RB34)

FUSELAGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
115	20.00	.0000	7.300	2.006	470.6	1489.	369.3	.8451-01	132.0	.5372-04	4111.	.1750-01
119	20.00	.0000	7.300	2.037	467.4	1481.	364.5	.8404-01	130.3	.5412-04	4084.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
115	.0000	.1795
119	.0000	.1788

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
115	46.800	.50000	1050.0	.3587-01	.4246-01	.4675-01	42.72	1.532	.3554	547.0	.1072-02
115	46.800	.70000	1052.0	.3005-01	.3557-01	.3917-01	42.70	1.283	.3557	547.4	.8984-03
115	46.800	.80000	1053.0	.2707-01	.3204-01	.3528-01	42.70	1.156	.3557	547.5	.8093-03
115	46.800	.90000	1054.0	.2055-01	.2432-01	.2678-01	42.72	.8778	.3555	547.1	.6144-03
115	46.800	.97500	1056.0	.1146-01	.1356-01	.1493-01	42.85	.4912	.3535	544.1	.3426-03
119	46.800	1.0450	59.000	.9959-02	.1179-01	.1298-01	41.96	.4179	.3561	540.9	.2964-03
119	46.800	1.0600	60.000	.7498-02	.8877-02	.9777-02	41.93	.3144	.3565	541.6	.2232-03
115	93.600	.60000	1063.0	.4408-01	.5218-01	.5746-01	42.71	1.883	.3556	547.2	.1318-02
115	93.600	.70000	1064.0	.3668-01	.4342-01	.4782-01	42.69	1.566	.3558	547.6	.1097-02
115	93.600	.80000	1065.0	.2795-01	.3308-01	.3643-01	42.70	1.193	.3557	547.4	.8356-03
115	93.600	.90000	1066.0	.2241-01	.2652-01	.2920-01	42.74	.9576	.3552	546.6	.6699-03
115	93.600	.95000	1067.0	.2599-01	.3075-01	.3386-01	42.77	1.111	.3547	545.9	.7768-03
119	93.600	1.0150	69.000	.1406-01	.1664-01	.1832-01	42.00	.5903	.3556	540.2	.4183-03

OH105B 60-0 FUSELAGE (R3RB35)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
101	.0000	.0000	7.300	1.064	240.0	1466.	360.7	.4320-01	128.9	.2812-04	4063.	.1750-01
109	.0000	.0000	7.300	.9796	235.5	1522.	375.3	.4222-01	134.2	.2641-04	4144.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
101	.0000	.1281
109	.0000	.1271

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
109	46.800	.50000	1050.0	.6049-02	.7176-02	.7913-02	30.33	.1834	.3633	568.3	.2587-03
109	46.800	.70000	1052.0	.4631-02	.5493-02	.6057-02	30.34	.1405	.3630	567.7	.1980-03
109	46.800	.80000	1053.0	.3521-02	.4176-02	.4605-02	30.36	.1069	.3626	567.1	.1506-03
109	46.800	.90000	1054.0	.2486-02	.2947-02	.3249-02	30.40	.7556-01	.3619	566.0	.1063-03
109	46.800	.97500	1056.0	.1091-02	.1293-02	.1425-02	30.51	.3328-01	.3597	562.6	.4661-04
101	46.800	1.0300	58.000	.5992-03	.7107-03	.7835-03	29.44	.1764-01	.3624	544.7	.2476-04
101	46.800	1.0450	59.000	.3287-02	.3899-02	.4299-02	29.41	.9666-01	.3631	545.8	.1358-03
101	46.800	1.0600	60.000	.3741-02	.4438-02	.4894-02	29.39	.1099	.3635	546.4	.1546-03
109	93.600	.60000	1063.0	.1127-01	.1337-01	.1474-01	30.34	.3419	.3631	567.9	.4820-03
109	93.600	.70000	1064.0	.9528-02	.1130-01	.1246-01	30.35	.2892	.3629	567.5	.4074-03
109	93.600	.80000	1065.0	.7749-02	.9191-02	.1013-01	30.37	.2353	.3625	567.0	.3313-03
109	93.600	.90000	1066.0	.5880-02	.6972-02	.7686-02	30.41	.1788	.3617	565.7	.2514-03
109	93.600	.95000	1067.0	.4141-02	.4909-02	.5411-02	30.45	.1261	.3609	564.4	.1770-03
101	93.600	1.0150	69.000	.3090-02	.3665-02	.4042-02	29.40	.9082-01	.3634	546.2	.1277-03
101	93.600	1.0300	70.000	.5128-02	.6084-02	.6709-02	29.40	.1508	.3633	546.1	.2119-03

OH105B 60-0 FUSELAGE (R3RB36)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
102	.0000	.0000	7.300	1.963	465.0	1509.	371.9	.8344-01	132.9	.5267-04	4125.	.1750-01
110	.0000	.0000	7.300	1.976	465.5	1504.	370.5	.8355-01	132.5	.5294-04	4118.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
102	.0000	.1785
110	.0000	.1786

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
110	46.800	.50000	1050.0	.6178-02	.7318-02	.8062-02	42 45	.2623	.3580	552.8	.1862-03
110	46.800	.70000	1052.0	.6361-02	.7537-02	.8304-02	42.37	.2695	.3592	554.6	.1918-03
110	46.800	.80000	1053.0	.5568-02	.6585-02	.7257-02	42.31	.2351	.3600	555.9	.1675-03
110	46.800	.90000	1054.0	.3867-02	.4583-02	.5051-02	42.29	.1635	.3603	556.4	.1166-03
110	46.800	.97500	1056.0	.7195-03	.8525-03	.9393-03	42.40	.3051-01	.3588	554.0	.2169-04
102	46.800	1.0300	58.000	.2538-02	.2999-02	.3298-02	43.13	.1095	.3501	542.6	.7656-04
102	46.800	1.0450	59.000	.4730-02	.5591-02	.6151-02	43.09	.2038	.3508	543.6	.1427-03
102	46.800	1.0600	60.000	.5743-02	.6790-02	.7470-02	43.05	.2472	.3513	544.4	.1733-03
110	93.600	.60000	1063.0	.1067-01	.1264-01	.1393-01	42.42	.4528	.3584	553.4	.3217-03
110	93.600	.70000	1064.0	.8862-02	.1050-01	.1157-01	42.37	.3755	.3591	554.5	.2672-03
110	93.600	.80000	1065.0	.7203-02	.8536-02	.9407-02	42.33	.3049	.3598	555.6	.2172-03
110	93.600	.90000	1066.0	.5230-02	.6198-02	.6831-02	42.31	.2213	.3600	555.9	.1577-03
110	93.600	.95000	1067.0	.4482-02	.5313-02	.5855-02	42.30	.1896	.3601	556.1	.1352-03
102	93.600	1.0150	69.000	.3179-02	.3757-02	.4133-02	43.12	.1371	.3503	542.9	.9592-04
102	93.600	1.0300	70.000	.3985-02	.4711-02	.5183-02	43.09	.1717	.3507	543.5	.1203-03

OH105B 60-0 FUSELAGE (R3RB37)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
103	.0000	.0000	7.300	2.994	699.1	1496.	368.5	.1256	131.7	.7998-04	4107.	.1750-01
111	.0000	.0000	7.300	2.913	699.1	1521.	374.9	.1253	134.0	.7848-04	4142.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
103	.0000	.2188
111	.0000	.2189

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
111	46.800	.50000	1050.0	.7187-02	.8500-02	.9355-02	53.10	.3817	.3527	551.0	.1778-03
111	46.800	.70000	1052.0	.8090-02	.9570-02	.1053-01	53.06	.4293	.3532	551.9	.2002-03
111	46.800	.80000	1053.0	.7476-02	.8846-02	.9737-02	52.99	.3962	.3540	553.1	.1851-03
111	46.800	.90000	1054.0	.4299-02	.5087-02	.5601-02	52.96	.2277	.3544	553.7	.1064-03
111	46.800	.97500	1056.0	.3980-03	.1181-02	.1299-02	53.06	.5295-01	.3532	551.9	.2470-04
103	46.800	1.0300	58.000	.7375-02	.8736-02	.9623-02	51.76	.3817	.3577	549.3	.1808-03
103	46.800	1.0450	59.000	.1113-01	.1318-01	.1452-01	51.72	.5756	.3581	550.0	.2728-03
103	46.800	1.0600	60.000	.1376-01	.1631-01	.1797-01	51.65	.7109	.3589	551.2	.3374-03
111	93.600	.60000	1063.0	.9513-02	.1125-01	.1238-01	53.10	.5052	.3527	551.0	.2354-03
111	93.600	.70000	1064.0	.7720-02	.9132-02	.1005-01	53.06	.4096	.3532	551.8	.1911-03
111	93.600	.80000	1065.0	.6587-02	.7793-02	.8578-02	53.01	.3492	.3538	552.7	.1630-03
111	93.600	.90000	1066.0	.4964-02	.5874-02	.6467-02	52.96	.2629	.3543	553.6	.1229-03
111	93.600	.95000	1067.0	.3334-02	.3945-02	.4344-02	52.91	.1764	.3549	554.5	.8254-04
103	93.600	1.0150	69.000	.2812-02	.3330-02	.3668-02	51.76	.1455	.3576	549.2	.6891-04
103	93.600	1.0300	70.000	.4768-02	.5648-02	.6222-02	51.69	.2465	.3584	550.4	.1169-03

OH105B 60-0 FUSELAGE (R3RB38)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
104	.0000	.0000	7.300	3.717	863.9	1492.	367.4	.1552	131.3	.9916-04	4101.	.1750-01
113	.0000	.0000	7.300	3.601	859.9	1516.	373.7	.1542	133.6	.9687-04	4136.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
104	.0000	.2432
113	.0000	.2428

TEST DATA

RUN NUMBER	YO	XB/LB	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
113	46.800	.50000	1050.0	.7680-02	.9088-02	.1001-01	58.54	.4496	.3546	552.3	.1711-03
113	46.800	.70000	1052.0	.9320-02	.1103-01	.1215-01	58.48	.5450	.3552	553.2	.2077-03
113	46.800	.80000	1053.0	.8123-02	.9616-02	.1059-01	58.42	.4745	.3558	554.3	.1810-03
113	46.800	.90000	1054.0	.5289-02	.6262-02	.6896-02	58.38	.3088	.3562	554.9	.1179-03
113	46.800	.97500	1056.0	.1239-02	.1466-02	.1614-02	58.51	.7250-01	.3548	552.7	.2761-04
104	46.800	1.0300	58.000	.1164-01	.1381-01	.1523-01	56.91	.6626	.3626	555.1	.2565-03
104	46.800	1.0450	59.000	.1758-01	.2086-01	.2300-01	56.83	.9992	.3634	556.4	.3874-03
104	46.800	1.0600	60.000	.1998-01	.2371-01	.2615-01	56.77	1.134	.3640	557.4	.4403-03
113	93.600	.60000	1063.0	.9573-02	.1133-01	.1247-01	58.53	.5603	.3546	552.4	.2133-03
113	93.600	.70000	1064.0	.7841-02	.9280-02	.1022-01	58.49	.4586	.3551	553.1	.1747-03
113	93.600	.80000	1065.0	.6835-02	.8091-02	.8909-02	58.43	.3994	.3557	554.0	.1523-03
113	93.600	.90000	1066.0	.5055-02	.5984-02	.6590-02	58.38	.2951	.3562	554.9	.1127-03
113	93.600	.95000	1067.0	.3320-02	.3931-02	.4330-02	58.33	.1937	.3568	555.7	.7400-04
104	93.600	1.0150	69.000	.3392-02	.4024-02	.4437-02	56.87	.1929	.3630	555.8	.7474-04
104	93.600	1.0300	70.000	.5148-02	.6108-02	.6735-02	56.82	.2925	.3635	556.5	.1134-03

OH105B 60-0 FUSELAGE (R3RC25)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
52	.0000	.0000	7.300	1.004	235.1	1498.	369.1	.4221-01	131.9	.2685-04	4110.	.1750-01
72	.0000	.0000	7.300	1.037	235.4	1472.	362.0	.4234-01	129.4	.2746-04	4070.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
52	.0000	.1269
72	.0000	.1268

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
72	.76000-01	350.00	206.00	.7062-01	.8391-01	.9261-01	28.98	2.047	.3683	555.6	.2958-02
52	.97500	381.20	1288.0	.1724-01	.2040-01	.2246-01	30.17	.5201	.3554	546.7	.7289-03

OH105B 60-0 FUSELAGE (R3RC26)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
53	.0000	.0000	7.300	1.932	466.4	1526.	376.2	.8360-01	134.5	.5216-04	4150.	.1750-01
71	.0000	.0000	7.300	1.951	465.2	1515.	373.4	.8345-01	133.5	.5246-04	4134.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
53	.0000	.1789
71	.0000	.1786

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
71	.76000-01	350.00	206.00	.7160-01	.8477-01	.9335-01	42.91	3.073	.3560	554.1	.2168-02
53	.97500	381.20	1288.0	.2396-01	.2834-01	.3119-01	43.56	1.044	.3524	552.6	.7275-03

OH105B 60-0 FUSELAGE (R3RC27)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
54	.0000	.0000	7.300	2.857	699.3	1538.	379.5	.1252	135.7	.7745-04	4168.	.1750-01
70	.0000	.0000	7.300	2.975	699.2	1502.	370.0	.1255	132.3	.7965-04	4115.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
54	.0000	.2191
70	.0000	.2188

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
70	.76000-01	350.00	206.00	.7134-01	.8452-01	.9313-01	51.88	3.701	.3589	553.3	.1753-02
54	.97500	381.20	1288.0	.2165-01	.2558-01	.2814-01	54.06	1.170	.3495	552.9	.5394-03

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
55	.0000	.0000	7.300	3.530	858.9	1533.	378.1	.1539	135.2	.9553-04	4160.	.1750-01
69	.0000	.0000	7.300	3.687	860.4	1496.	368.3	.1545	131.7	.9849-04	4106.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
55	.0000	.2428
69	.0000	.2427

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
69	.76000-01	350.00	206.00	.7117-01	.8442-01	.9308-01	56.91	4.051	.3628	556.9	.1574-02
55	.97500	381.20	1288.0	.2114-01	.2500-01	.2751-01	59.39	1.256	.3525	555.5	.4745-03

FUSELAGE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
57	10.00	.0000	7.300	1.046	232.2	1452.	356.8	.4182-01	127.6	.2751-04	4041.	.1750-01
73	10.00	.0000	7.300	.9940	236.1	1511.	372.4	.4236-01	133.1	.2670-04	4129.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
57	.0000	.1259
73	.0000	.1272

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
73	.76000-01	350.00	206.00	.6738-01	.7965-01	.8762-01	30.76	2.073	.3505	544.0	.2856-02
57	.97500	381.20	1288.0	.1224-01	.1455-01	.1607-01	28.22	.3453	.3713	552.1	.5117-03

OH105B 60-0 FUSELAGE (R3RC30)

FUSELAGE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
56	10.00	.0000	7.300	1.934	463.8	1520.	374.7	.8316-01	134.0	.5210-04	4141.	.1750-01
74	10.00	.0000	7.300	1.946	465.5	1518.	374.1	.8347-01	133.7	.5238-04	4138.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
56	.0000	.1783
74	.0000	.1786

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
74	.76000-01	350.00	206.00	.6550-01	.7741-01	.8515-01	43.42	2.844	.3500	545.7	.1983-02
56	.97500	381.20	1288.0	.1301-01	.1542-01	.1700-01	42.58	.5537	.3622	565.6	.3958-03

OH105B 60-0 FUSELAGE (R3RC31)

FUSELAGE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
58	15.00	.0000	7.300	1.045	238.9	1478.	363.7	.4296-01	130.0	.2773-04	4080.	.1750-01
76	15.00	.0000	7.300	1.012	235.6	1494.	367.8	.4233-01	131.5	.2701-04	4103.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
58	.0000	.1278
76	.0000	.1270

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
76	.76000-01	350.00	206.00	.6678-01	.7917-01	.8727-01	29.83	1.992	.3610	553.4	.2818-02
58	.97500	381.20	1288.0	.1711-01	.2029-01	.2237-01	29.66	.5076	.3615	547.9	.7122-03

OH105B 60-0 FUSELAGE (R3RC32)

FUSELAGE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
59	15.00	.0000	7.300	1.949	465.7	1517.	373.9	.8352-01	133.7	.5244-04	4137.	.1750-01
75	15.00	.0000	7.300	1.963	465.3	1509.	371.9	.8350-01	133.0	.5270-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
59	.0000	.1787
75	.0000	.1786

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
75	.76000-01	350.00	206.00	.6601-01	.7811-01	.8599-01	42.86	2.829	.3544	549.4	.1993-02
59	.97500	381.20	1288.0	.2607-01	.3084-01	.3394-01	43.21	1.127	.3529	549.9	.7892-03

OH105B 60-O FUSELAGE (R3RC33)

FUSELAGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
114	20.00	.0000	7.300	.9606	236.2	1542.	380.6	.4229-01	136.1	.2608-04	4174.	.1750-01
118	20.00	.0000	7.300	.9668	235.6	1534.	378.5	.4221-01	135.3	.2618-04	4162.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
114	.0000	.1274
118	.0000	.1272

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
118	.76000-01	350.00	206.00	.6685-01	.7890-01	.8672-01	31.50	2.106	.3455	545.1	.2862-02
114	.97500	381.20	1288.0	.1542-02	.1817-02	.1996-02	31.97	.4930-01	.3404	540.0	.6610-04

OH105B 60-0 FUSELAGE (R3RC34)

FUSELAGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
115	20.00	.0000	7.300	2.008	470.6	1499.	369.3	.8451-01	132.0	.5372-04	4111.	.1750-01
119	20.00	.0000	7.300	2.037	467.4	1481.	364.5	.8404-01	130.3	.5412-04	4084.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
115	.0000	.1795
119	.0000	.1788

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
119	.76000-01	350.00	206.00	.6542-01	.7745-01	.8529-01	41.96	2.745	.3561	540.9	.1947-02
115	.97500	381.20	1288.0	.2172-02	.2571-02	.2830-02	42.74	.9283-01	.3551	546.5	.6493-04

OH105B 60-O FUSELAGE (R3RC35)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
101	.0000	.0000	7.300	1.064	240.0	1466.	360.7	.4320-01	128.9	.2812-04	4063.	.1750-01
109	.0000	.0000	7.300	.9796	235.5	1522.	375.3	.4222-01	134.2	.2641-04	4144.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
101	.0000	.1281
109	.0000	.1271

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
101	.76000-01	350.00	206.00	.7435-01	.8828-01	.9741-01	29.24	2.174	.3665	550.9	.3074-02
109	.97500	381.20	1288.0	.2015-01	.2389-01	.2634-01	30.39	.6123	.3620	566.2	.8612-03

OH105B 60-0 FUSELAGE (R3RC36)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
102	.0000	.0000	7.300	1.963	465.0	1509.	371.9	.8344-01	132.9	.5267-04	4125.	.1750-01
110	.0000	.0000	7.300	1.976	465.5	1504.	370.5	.8355-01	132.5	.5294-04	4118.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
102	.0000	.1785
110	.0000	.1786

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
102	.76000-01	350.00	206.00	.7046-01	.8331-01	.9167-01	43.04	3.033	.3514	544.6	.2127-02
110	.97500	381.20	1288.0	.2420-01	.2868-01	.3160-01	42.30	1.024	.3601	556.0	.7296-03

OH105B 60-0 FUSELAGE (R3RC37)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
103	.0000	.0000	7.300	2.994	699.1	1496.	368.5	.1256	131.7	.7998-04	4107.	.1750-01
111	.0000	.0000	7.300	2.913	699.1	1521.	374.9	.1253	134.0	.7848-04	4142.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
103	.0000	.2188
111	.0000	.2189

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
103	.76000-01	350.00	206.00	.7174-01	.8499-01	.9364-01	51.68	3.707	.3586	550.7	.1759-02
111	.97500	381.20	1288.0	.2105-01	.2489-01	.2740-01	53.06	1.117	.3532	551.9	.5209-03

OH105B 60-0 FUSELAGE (R3RC38)

FUSELAGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
104	.0000	.0000	7.300	3.717	863.9	1492.	367.4	.1552	131.3	.9916-04	4101.	.1750-01
113	.0000	.0000	7.300	3.601	859.9	1516.	373.7	.1542	133.6	.9687-04	4136.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
104	.0000	.2432
113	.0000	.2428

TEST DATA

RUN NUMBER	XB/LB	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
104	.76000-01	350.00	206.00	.7245-01	.8596-01	.9479-01	56.83	4.117	.3634	556.4	.1596-02
113	.97500	381.20	1288.0	.2060-01	.2438-01	.2684-01	58.54	1.206	.3546	552.3	.4590-03

LOWER NOSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
52	25.00	.0000	7.300	1.004	235.1	1498.	369.1	.4221-01	131.9	.2685-04	4110.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
52	.0000	.1269

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
52	.25200	4.5530	2037.0	.1730	.2048	.2255	30.17	5.220	.3554	546.7	.7316-02

OH105B 60-0 LOWER NOSE (R3RD26)

LOWER NOSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
53	25.00	.0000	7.300	1.932	466.4	1526.	376.2	.8360-01	134.5	.5216-04	4150.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
53	.0000	.1789

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
53	.25200	4.5530	2037.0	.1752	.2073	.2281	43.51	7.625	.3530	553.6	.5321-02

OH105B 60-0 LOWER NOSE (R3RD27)

LOWER NOSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
54	.0000	.0000	7.300	2.857	699.3	1538.	379.5	.1252	135.7	.7745-04	4168.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
54	.0000	.2191

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
54	.25200	4.5530	2037.0	.1776	.2098	.2307	54.17	9.619	.3483	551.0	.4423-02

OH105B 60-0 LOWER NOSE (R3RD28)

LOWER NOSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
55	.0000	.0000	7.300	3.530	858.9	1533.	378.1	.1539	135.2	.9553-04	4160.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
55	.0000	.2428

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
55	.25200	4.5530	2037.0	.1768	.2091	.2302	59.35	10.49	.3530	556.3	.3969-02

OH105B 60-O LOWER NOSE (R3RD29)

LOWER NOSE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BOFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
57	10.00	.0000	7.300	1.046	232.2	1452.	356.8	.4182-01	127.6	.2751-04	4041.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
57	.0000	.1259

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
57	.25200	4.5530	2037.0	.2265	.2692	.2973	28.26	6.401	.3703	550.7	.9468-02

OH105B 60-0 LOWER NOSE (R3RD30)

LOWER NOSE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
56	10.00	.0000	7.300	1.934	463.8	1520.	374.7	.8316-01	134.0	.5210-04	4141.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
56	.0000	.1783

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
56	.25200	4.5530	2037.0	.2277	.2700	.2976	42.59	9.696	.3620	565.3	.6929-02

OH105B 60-0 LOWER NOSE (R3RD31)

LOWER NOSE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
58	15.00	.0000	7.300	1.045	238.9	1478.	363.7	.4296-01	130.0	.2773-04	4080.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
58	.0000	.1278

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
58	.25200	4.5530	2037.0	.2539	.3010	.3318	29.70	7.542	.3608	546.8	.1057-01

LOWER NOSE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
59	15.00	.0000	7.300	1.949	465.7	1517.	373.9	.8352-01	133.7	.5244-04	4137.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
59	.0000	.1787

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NC	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
59	.25200	4.5530	2037.0	.2516	.2977	.3277	43.11	10.85	.3543	552.1	.7618-02

OH105B 60-0 LOWER NOSE (R3RD33)

LOWER NOSE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
114	20.00	.0000	7.300	.9606	236.2	1542.	380.6	.4229-01	136.1	.2608-04	4174.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
114	.0000	.1274

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
114	.25200	4.5530	2037.0	.2781	.3281	.3604	31.82	8.851	.3433	544.6	.1193-01

OH105B 60-0 LOWER NOSE (R3RD34)

LOWER NOSE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
115	20.00	.0000	7.300	2.008	470.6	1499.	369.3	.8451-01	132.0	.5372-04	4111.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
115	.0000	.1795

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
115	.25200	4.5530	2037.0	.2741	.3244	.3571	42.77	11.72	.3547	545.9	.8193-02

OH105B 60-0 LOWER NOSE (R3RD35)

LOWER NOSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
109	.0000	.0000	7.300	.9796	235.5	1522.	375.3	.4222-01	134.2	.2641-04	4144.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
109	.0000	.1271

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
109	.25200	4.5530	2037.0	.1759	.2085	.2298	30.45	5.354	.3609	564.5	.7516-02

OH105B 60-0 LOWER NOSE (R3RD36)

LOWER NOSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
110	.0000	.0000	7.300	1.976	465.5	1504.	370.5	.8355-01	132.5	.5294-04	4118.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
110	.0000	.1786

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
110	.25200	4.5530	2037.0	.1770	.2096	.2308	42.50	7.522	.3572	551.6	5333-02

OH105B 60-0 LOWER NOSE

LOWER NOSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
111	.0000	.0000	7.300	2.913	699.1	1521.	374.9	.1253	134.0	.7848-04	4142.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
111	.0000	.2189

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
111	.25200	4.5530	2037.0	.1712	.2026	.2230	52.99	9.075	.3540	553.0	.4239-02

OH105B 60-O LOWER NOSE (R3RD38)

LOWER NOSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
113	.0000	.0000	7.300	3.601	859.9	1516.	373.7	.1542	133.6	.9687-04	4136.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
113	.0000	.2428

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
113	.25200	4.5530	2037.0	.1720	.2035	.2241	58.45	10.05	.3556	553.8	.3832-02

OH105B 60-0 LOWER NOSE (R3RE25)

LOWER NOSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
52	.0000	.0000	7.300	1.004	235.1	1498.	369.1	.4221-01	131.9	.2685-04	4110.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
52	.0000	.1269

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
52	4.5150	5.6960	2039.0	.2241	.2653	.2921	30.16	6.761	.3555	546.9	.9478-02
52	4.5410	5.5240	2038.0	.1819	.2153	.2370	30.17	5.488	.3554	546.6	.7691-02
52	5.6260	6.0020	2041.0	.7423-01	.8784-01	.9671-01	30.21	2.242	.3547	545.6	.3138-02
52	6.3610	5.2660	2045.0	.4543-01	.5376-01	.5918-01	30.22	1.373	.3545	545.2	.1921-02
52	6.3610	5.4700	2046.0	.5943-01	.7033-01	.7743-01	30.21	1.796	.3546	545.3	.2513-02
52	6.3610	5.6730	2047.0	.5424-01	.6420-01	.7069-01	30.18	1.637	.3552	546.4	.2294-02
52	8.6100	4.8930	2065.0	.4308-02	.5098-02	.5613-02	30.21	.1301	.3547	545.5	.1821-03
52	8.6100	5.3880	2070.0	.2687-01	.3179-01	.3500-01	30.21	.8116	.3546	545.4	.1136-02

OH105B 60-0 LOWER NOSE (R3RE26)

LOWER NOSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
53	.0000	.0000	7.300	1.932	466.4	1526.	376.2	.8360-01	134.5	.5216-04	4150.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
53	.0000	.1789

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
53	4.5150	5.6960	2039.0	.2247	.2658	.2926	43.50	9.776	.3532	553.8	.6824-02
53	4.5410	5.5240	2038.0	.1828	.2163	.2380	43.52	7.958	.3529	553.3	.5552-02
53	5.6260	6.0020	2041.0	.7176-01	.8484-01	.9335-01	43.62	3.130	.3515	551.1	.2178-02
53	6.3610	5.2660	2045.0	.4570-01	.5403-01	.5945-01	43.63	1.994	.3513	550.8	.1387-02
53	6.3610	5.4700	2046.0	.5972-01	.7060-01	.7768-01	43.64	2.606	.3512	550.7	.1813-02
53	6.3610	5.6730	2047.0	.5317-01	.6296-01	.6934-01	43.26	2.300	.3566	559.1	.1616-02
53	8.6100	4.8930	2065.0	.4175-02	.4937-02	.5432-02	43.59	.1820	.3519	551.7	.1267-03
53	8.6100	5.3880	2070.0	.2760-01	.3263-01	.3590-01	43.62	1.204	.3515	551.1	.8378-03

OH105B 60-0 LOWER NOSE (R3RE27)

LOWER NOSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
54	.0000	.0000	7.300	2.857	699.3	1538.	379.5	.1252	135.7	.7745-04	4168.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
54	.0000	.2191

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
54	4.5150	5.6960	2039.0	.2269	.2680	.2947	54.15	12.29	.3485	551.3	.5651-02
54	4.5410	5.5240	2038.0	.1848	.2183	.2400	54.18	10.01	.3482	550.7	.4603-02
54	5.6260	6.0020	2041.0	.7289-01	.8607-01	.9462-01	54.28	3.957	.3470	548.9	.1815-02
54	6.3610	5.2660	2045.0	.4587-01	.5417-01	.5955-01	54.31	2.491	.3467	548.5	.1142-02
54	6.3610	5.4700	2046.0	.5912-01	.6981-01	.7674-01	54.31	3.211	.3467	548.5	.1472-02
54	6.3610	5.6730	2047.0	.5298-01	.6264-01	.6894-01	53.84	2.852	.3521	557.0	.1321-02
54	8.6100	4.8930	2065.0	.4142-02	.4892-02	.5379-02	54.23	.2246	.3477	549.9	.1032-03
54	8.6100	5.3880	2070.0	.2715-01	.3207-01	.3526-01	54.25	1.473	.3474	549.6	.6762-03

OH105B 60-0 LOWER NOSE (R3RE28)

LOWER NOSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
55	.0000	.0000	7.300	3.530	858.9	1533.	378.1	.1539	135.2	.9553-04	4160.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
55	.0000	.2428

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
55	4.5150	5.6960	2039.0	.2248	.2659	.2927	59.32	13.33	.3534	556.8	.5046-02
55	4.5410	5.5240	2038.0	.1837	.2173	.2391	59.36	10.90	.3529	556.2	.4123-02
55	5.6260	6.0020	2041.0	.7186-01	.8496-01	.9349-01	59.49	4.275	.3516	554.0	.1612-02
55	6.3610	5.2660	2045.0	.4530-01	.5355-01	.5892-01	59.55	2.698	.3509	553.0	.1016-02
55	6.3610	5.4700	2046.0	.5883-01	.6954-01	.7651-01	59.55	3.503	.3509	553.0	.1320-02
55	6.3610	5.6730	2047.0	.5239-01	.6202-01	.6830-01	59.04	3.093	.3563	561.4	.1177-02
55	8.6100	4.8930	2065.0	.4018-02	.4750-02	.5226-02	59.54	.2392	.3511	553.2	.9015-04
55	8.6100	5.3880	2070.0	.2619-01	.3097-01	.3407-01	59.55	1.560	.3510	553.1	.5877-03

LOWER NOSE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
57	10.00	.0000	7.300	1.046	232.2	1452.	356.8	.4182-01	127.6	.2751-04	4041.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
57	.0000	.1259

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
57	4.5150	5.6960	2039.0	.2373	.2821	.3115	28.25	6.705	.3705	551.0	.9922-02
57	4.5410	5.5240	2038.0	.2197	.2612	.2884	28.27	6.211	.3703	550.6	.9186-02
57	5.6260	6.0020	2041.0	.7050-01	.8378-01	.9249-01	28.33	1.997	.3690	548.7	.2947-02
57	6.3610	5.2660	2045.0	.7371-01	.8759-01	.9669-01	28.34	2.089	.3688	548.4	.3081-02
57	6.3610	5.4700	2046.0	.7487-01	.8896-01	.9820-01	28.33	2.121	.3688	548.4	.3129-02
57	6.3610	5.6730	2047.0	.6509-01	.7747-01	.8562-01	28.07	1.827	.3744	556.8	.2724-02
57	8.6100	4.8930	2065.0	.1073-01	.1275-01	.1408-01	28.30	.3036	.3695	549.4	.4484-03
57	8.6100	5.3880	2070.0	.4575-01	.5437-01	.6002-01	28.32	1.296	.3692	549.0	.1912-02

OH105B 60-O LOWER NOSE (R3RE30)

LOWER NOSE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
56	10.00	.0000	7.300	1.934	463.8	1520.	374.7	.8316-01	134.0	.5210-04	4141.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
56	.0000	.1783

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
56	4.5150	5.6960	2039.0	.2365	.2805	.3092	42.57	10.07	.3623	565.8	.7198-02
56	4.5410	5.5240	2038.0	.2206	.2616	.2884	42.59	9.395	.3620	565.3	.6714-02
56	5.6260	6.0020	2041.0	.7036-01	.8341-01	.9194-01	42.67	3.002	.3609	563.6	.2141-02
56	6.3610	5.2660	2045.0	.7426-01	.8802-01	.9701-01	42.70	3.171	.3604	562.8	.2259-02
56	6.3610	5.4700	2046.0	.7456-01	.8838-01	.9741-01	42.70	3.184	.3604	562.9	.2269-02
56	6.3610	5.6730	2047.0	.6490-01	.7705-01	.8501-01	42.32	2.747	.3658	571.3	.1977-02
56	8.6100	4.8930	2065.0	.1045-01	.1239-01	.1365-01	42.61	.4451	.3617	564.9	.3179-03
56	8.6100	5.3880	2070.0	.4558-01	.5404-01	.5957-01	42.63	1.943	.3613	564.3	.1387-02

OH105B 60-0 LOWER NOSE (R3RE31)

LOWER NOSE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
58	15.00	.0000	7.300	1.045	238.9	1478.	363.7	.4296-01	130.0	.2773-04	4080.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
58	.0000	.1278

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
58	4.5150	5.6960	2039.0	.2406	.2852	.3144	29.69	7.145	.3609	547.0	.1001-01
58	4.5410	5.5240	2038.0	.2376	.2817	.3105	29.71	7.059	.3607	546.7	.9889-02
58	5.6260	6.0020	2041.0	.7072-01	.8380-01	.9234-01	29.76	2.105	.3595	544.9	.2942-02
58	6.3610	5.2660	2045.0	.8955-01	.1061	.1169	29.78	2.667	.3590	544.2	.3725-02
58	6.3610	5.4700	2046.0	.7996-01	.9474-01	.1044	29.78	2.382	.3591	544.2	.3326-02
58	6.3610	5.6730	2047.0	.6773-01	.8038-01	.8866-01	29.52	1.999	.3646	552.6	.2821-02
58	8.6100	4.8930	2065.0	.1560-01	.1849-01	.2038-01	29.76	.4643	.3596	545.1	.6491-03
58	8.6100	5.3880	2070.0	.5083-01	.6024-01	.6637-01	29.77	1.514	.3593	544.5	.2115-02

OH105B 60-0 LOWER NOSE (R3RE32)

LOWER NOSE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
59	15.00	.0000	7.300	1.949	465.7	1517.	373.9	.8352-01	133.7	.5244-04	4137.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
59	.0000	.1787

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
59	4.5150	5.6960	2039.0	.2374	.2810	.3093	43.09	10.23	.3547	552.7	.7190-02
59	4.5410	5.5240	2038.0	.2355	.2787	.3068	43.12	10.16	.3543	552.0	.7132-02
59	5.6260	6.0020	2041.0	.6900-01	.8161-01	.8981-01	43.22	2.982	.3528	549.8	.2089-02
59	6.3610	5.2660	2045.0	.8905-01	.1053	.1159	43.26	3.852	.3522	548.8	.2695-02
59	6.3610	5.4700	2046.0	.7906-01	.9349-01	.1029	43.26	3.420	.3523	548.9	.2393-02
59	6.3610	5.6730	2047.0	.6693-01	.7927-01	.8733-01	42.88	2.870	.3577	557.3	.2028-02
59	8.6100	4.8930	2065.0	.1535-01	.1815-01	.1998-01	43.25	.6639	.3523	549.0	.4646-03
59	8.6100	5.3880	2070.0	.5040-01	.5960-01	.6559-01	43.25	2.180	.3523	549.0	.1525-02

OH105B 60-0 LOWER NOSE (R3RE33)

LOWER NOSE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
114	20.00	.0000	7.300	.9606	236.2	1542.	380.6	.4229-01	136.1	.2608-04	4174.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
114	.0000	.1274

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
114	4.5150	5.6960	2039.0	.2406	.2838	.3118	31.82	7.654	.3435	544.9	.1032-01
114	4.5410	5.5240	2038.0	.2516	.2968	.3261	31.82	8.007	.3433	544.6	.1079-01
114	5.6260	6.0020	2041.0	.7003-01	.8258-01	.9071-01	31.89	2.234	.3420	542.5	.3003-02
114	6.3610	5.2660	2045.0	.1046	.1234	.1355	31.92	3.340	.3414	541.6	.4486-02
114	6.3610	5.4700	2046.0	.8321-01	.9811-01	.1078	31.93	2.657	.3413	541.4	.3568-02
114	6.3610	5.6730	2047.0	.6800-01	.8017-01	.8805-01	31.92	2.171	.3413	541.4	.2915-02
114	8.6100	4.8930	2065.0	.2315-01	.2729-01	.2997-01	31.95	.7395	.3409	540.7	.9923-03
114	8.6100	5.3880	2070.0	.5478-01	.6458-01	.7092-01	31.95	1.751	.3407	540.5	.2349-02

OH105B 60-O LOWER NOSE (R3RE34)

LOWER NOSE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
115	20.00	.0000	7.300	2.008	470.6	1499.	369.3	.8451-01	132.0	.5372-04	4111.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
115	.0000	.1795

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.050	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
115	4.5150	5.6960	2039.0	.2369	.2803	.3087	42.74	10.12	.3552	546.6	.7081-02
115	4.5410	5.5240	2038.0	.2483	.2938	.3235	42.78	10.62	.3546	545.7	.7422-02
115	5.6260	6.0020	2041.0	.6831-01	.8080-01	.8893-01	42.67	2.928	.3533	543.7	.2041-02
115	6.3610	5.2660	2045.0	.1029	.1217	.1339	42.89	4.412	.3529	543.2	.3074-02
115	6.3610	5.4700	2046.0	.8192-01	.9689-01	.1066	42.88	3.512	.3531	543.4	.2448-02
115	6.3610	5.6730	2047.0	.6611-01	.7820-01	.8607-01	42.87	2.834	.3532	543.5	.1975-02
115	8.6100	4.8930	2065.0	.2321-01	.2746-01	.3022-01	42.81	.9935	.3540	544.9	.6935-03
115	8.6100	5.3880	2070.0	.5295-01	.6264-01	.6896-01	42.81	2.267	.3541	544.9	.1582-02

OH105B 60-0 LOWER NOSE (R3RE35)

LOWER NOSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
109	.0000	.0000	7.300	.9796	235.5	1522.	375.3	.4222-01	134.2	.2641-04	4144.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
109	.0000	.1271

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
109	4.5150	5.6960	2039.0	.2279	.2702	.2978	30.43	6.935	.3612	565.0	.9741-02
109	4.5410	5.5240	2038.0	.1845	.2187	.2410	30.45	5.617	.3609	564.4	.7884-02
109	5.6260	6.0020	2041.0	.7456-01	.8837-01	.9739-01	30.48	2.273	.3602	563.4	.3186-02
109	6.3610	5.2660	2045.0	.4642-01	.5502-01	.6064-01	30.48	1.415	.3603	563.4	.1984-02
109	6.3610	5.4700	2046.0	.5966-01	.7072-01	.7795-01	30.47	1.818	.3605	563.8	.2550-02
109	6.3610	5.6730	2047.0	.5424-01	.6429-01	.7086-01	30.46	1.652	.3606	564.1	.2318-02
109	8.6100	4.8930	2065.0	.4825-02	.5722-02	.6309-02	30.37	.1466	.3624	566.8	.2063-03
109	8.6100	5.3880	2070.0	.2762-01	.3275-01	.3611-01	30.38	.8391	.3622	566.5	.1181-02

OH105B 60-0 LOWER NOSE (R3RE36)

LOWER NOSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
110	.0000	.0000	7.300	1.976	465.5	1504.	370.5	.8355-01	132.5	.5294-04	4118.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
110	.0000	.1786

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
110	4.5150	5.6960	2039.0	.2283	.2704	.2978	42.47	9.694	.3577	552.4	.6880-02
110	4.5410	5.5240	2038.0	.1848	.2189	.2411	42.50	7.855	.3573	551.7	.5570-02
110	5.6260	6.0020	2041.0	.7350-01	.8702-01	.9582-01	42.59	3.131	.3560	549.6	.2214-02
110	6.3610	5.2660	2045.0	.4658-01	.5514-01	.6071-01	42.63	1.986	.3554	548.8	.1403-02
110	6.3610	5.4700	2046.0	.5963-01	.7059-01	.7773-01	42.62	2.541	.3556	549.1	.1796-02
110	6.3610	5.6730	2047.0	.5325-01	.6303-01	.6941-01	42.60	2.269	.3558	549.3	.1604-02
110	8.6100	4.8930	2065.0	.4408-02	.5217-02	.5745-02	42.61	.1878	.3557	549.2	.1328-03
110	8.6100	5.3890	2070.0	.2723-01	.3224-01	.3550-01	42.60	1.160	.3558	549.4	.8205-03

LOWER NOSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
111	.0000	.0000	7.300	2.913	699.1	1521.	374.9	.1253	134.0	.7848-04	4142.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
111	.0000	.2189

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
111	4.5150	5.6960	2039.0	.2202	.2605	.2868	52.94	11.66	.3546	554.0	.5451-02
111	4.5410	5.5240	2038.0	.1789	.2116	.2330	52.99	9.477	.3541	553.2	.4427-02
111	5.6260	6.0020	2041.0	.7124-01	.8426-01	.9273-01	53.09	3.782	.3528	551.2	.1763-02
111	6.3610	5.2660	2045.0	.4480-01	.5297-01	.5829-01	53.17	2.382	.3519	549.8	.1108-02
111	6.3610	5.4700	2046.0	.5667-01	.6701-01	.7374-01	53.16	3.013	.3520	549.9	.1402-02
111	6.3610	5.6730	2047.0	.5037-01	.5956-01	.6554-01	53.15	2.677	.3521	550.2	.1246-02
111	8.6100	4.8930	2065.0	.4174-02	.4935-02	.5429-02	53.22	.2221	.3513	548.8	.1033-03
111	8.6100	5.3880	2070.0	.2545-01	.3009-01	.3311-01	53.20	1.354	.3516	549.4	.6296-03

OH105B 60-0 LOWER NOSE (R3RE38)

LOWER NOSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
113	.0000	.0000	7.300	3.601	859.9	1516.	373.7	.1542	133.6	.9687-04	4136.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
113	.0000	.2428

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
113	4.5150	5.6960	2039.0	.2213	.2619	.2885	58.38	12.92	.3562	554.8	.4931-02
113	4.5410	5.5240	2038.0	.1795	.2125	.2340	58.43	10.49	.3557	554.0	.4001-02
113	5.6260	6.0020	2041.0	.7110-01	.8413-01	.9261-01	58.56	4.163	.3544	552.0	.1584-02
113	6.3610	5.2660	2045.0	.4455-01	.5270-01	.5800-01	58.65	2.613	.3534	550.4	.9922-03
113	6.3610	5.4700	2046.0	.5670-01	.6708-01	.7383-01	58.63	3.325	.3536	550.7	.1263-02
113	6.3610	5.6730	2047.0	.5012-01	.5929-01	.6527-01	58.62	2.938	.3537	550.9	.1116-02
113	8.6100	4.8930	2065.0	.4002-02	.4733-02	.5209-02	58.70	.2349	.3529	549.6	.8912-04
113	8.6100	5.3880	2070.0	.2487-01	.2941-01	.3237-01	58.66	1.459	.3533	550.3	.5538-03

OH105B 60-0 LOWER MID FUSELAGE

LWR MID FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
52	.0000	.0000	7.300	1.004	235.1	1498.	369.1	.4221-01	131.9	.2685-04	4110.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
52	.0000	.1269

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
52	13.107	1.9620	2115.0	.1869-01	.2213-01	.2436-01	30.18	.5642	.3552	546.4	.7905-03
52	13.107	2.1420	2116.0	.2326-01	.2753-01	.3031-01	30.18	.7020	.3552	546.3	.9834-03
52	13.107	2.3220	2117.0	.3140-01	.3717-01	.4093-01	30.16	.9471	.3557	547.1	.1328-02
52	13.107	2.4480	2118.0	.4464-01	.5284-01	.5819-01	30.15	1.346	.3558	547.2	.1888-02
52	13.170	.78000	2107.0	.5351-02	.6332-02	.6971-02	30.21	.1617	.3546	545.3	.2262-03
52	13.207	1.7820	2114.0	.1502-01	.1778-01	.1957-01	30.21	.4538	.3547	545.5	.6351-03
52	15.356	1.8370	2130.0	.9972-02	.1180-01	.1300-01	30.18	.3010	.3552	546.3	.4217-03
52	15.356	2.0460	2131.0	.1552-01	.1837-01	.2023-01	30.18	.4684	.3552	546.3	.6563-03
52	15.356	2.2500	2132.0	.1926-01	.2279-01	.2510-01	30.18	.5811	.3553	546.5	.8143-03
52	15.356	2.4530	2133.0	.2672-01	.3163-01	.3482-01	30.17	.8061	.3555	546.8	.1130-02
52	15.356	2.6630	2134.0	.3461-01	.4097-01	.4511-01	30.15	1.044	.3558	547.2	.1464-02
52	15.356	2.8160	2135.0	.5296-01	.6270-01	.6904-01	30.15	1.597	.3559	547.5	.2240-02

OH105B 60-0 LOWER MID FUSELAGE (R3RF26)

LWR MID FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
53	.0000	.0000	7.300	1.932	465.4	1526.	376.2	.8360-01	134.5	.5216-04	4150.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
53	.0000	.1789

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
53	13.107	1.9620	2115.0	.1829-01	.2164-01	.2381-01	43.54	.7965	.3526	552.9	.5554-03
53	13.107	2.1420	2116.0	.2386-01	.2822-01	.3106-01	43.52	1.038	.3529	553.3	.7245-03
53	13.107	2.3220	2117.0	.3284-01	.3884-01	.4276-01	43.48	1.428	.3534	554.2	.9972-03
53	13.107	2.4480	2118.0	.4851-01	.5738-01	.6316-01	43.48	2.109	.3535	554.3	.1473-02
53	13.170	.78000	2107.0	.6619-02	.7827-02	.8613-02	43.57	.2884	.3521	552.2	.2009-03
53	13.207	1.7820	2114.0	.1785-01	.2110-01	.2322-01	43.56	.7773	.3524	552.5	.5418-03
53	15.356	1.8370	2130.0	.1003-01	.1186-01	.1305-01	43.53	.4365	.3528	553.1	.3045-03
53	15.356	2.0460	2131.0	.1411-01	.1669-01	.1837-01	43.53	.6142	.3528	553.1	.4284-03
53	15.356	2.2500	2132.0	.1779-01	.2104-01	.2315-01	43.53	.7742	.3528	553.2	.5400-03
53	15.356	2.4530	2133.0	.2533-01	.2996-01	.3297-01	43.52	1.102	.3529	553.4	.7690-03
53	15.356	2.6630	2134.0	.3562-01	.4214-01	.4638-01	43.48	1.549	.3535	554.3	.1082-02
53	15.356	2.8160	2135.0	.5375-01	.6359-01	.6999-01	43.47	2.336	.3536	554.5	.1632-02

OH105B 60-O LOWER MID FUSELAGE (R3RF27)

LWR MID FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
54	.0000	.0000	7.300	2.857	699.3	1538.	379.5	.1252	135.7	.7745-04	4168.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
54	.0000	.2191

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
54	13.107	1.9620	2115.0	.1894-01	.2238-01	.2462-01	54.10	1.025	.3491	552.3	.4719-03
54	13.107	2.1420	2116.0	.2374-01	.2805-01	.3085-01	54.08	1.284	.3494	552.7	.5914-03
54	13.107	2.3220	2117.0	.3303-01	.3903-01	.4293-01	54.02	1.784	.3500	553.6	.8230-03
54	13.107	2.4480	2118.0	.4906-01	.5798-01	.6378-01	54.03	2.651	.3499	553.5	.1223-02
54	13.170	.78000	2107.0	.6986-02	.8252-02	.9075-02	54.17	.3784	.3483	551.0	.1740-03
54	13.207	1.7820	2114.0	.1768-01	.2088-01	.2297-01	54.14	.9571	.3486	551.5	.4404-03
54	15.356	1.8370	2130.0	.9597-02	.1134-01	.1247-01	54.10	.5192	.3491	552.2	.2391-03
54	15.356	2.0460	2131.0	.1489-01	.1759-01	.1935-01	54.09	.8054	.3492	552.4	.3710-03
54	15.356	2.2500	2132.0	.1965-01	.2322-01	.2553-01	54.06	1.062	.3496	553.0	.4895-03
54	15.356	2.4530	2133.0	.2784-01	.3290-01	.3619-01	54.02	1.504	.3500	553.6	.6936-03
54	15.356	2.6630	2134.0	.3482-01	.4115-01	.4526-01	54.03	1.881	.3500	553.6	.8676-03
54	15.356	2.8160	2135.0	.5428-01	.6415-01	.7057-01	54.00	2.931	.3502	554.0	.1353-02

OH105B 60-O LOWER MID FUSELAGE (R3RF28)

LWR MID FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
55	.0000	.0000	7.300	3.530	858.9	1533.	378.1	.1539	135.2	.9553-04	4160.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
55	.0000	.2428

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
55	13.107	1.9620	2115.0	.1873-01	.2215-01	.2438-01	59.36	1.112	.3529	556.1	.4203-03
55	13.107	2.1420	2116.0	.2391-01	.2829-01	.3114-01	59.31	1.418	.3534	556.9	.5368-03
55	13.107	2.3220	2117.0	.3305-01	.3911-01	.4306-01	59.21	1.957	.3545	558.6	.7421-03
55	13.107	2.4480	2118.0	.4948-01	.5855-01	.6446-01	59.20	2.929	.3546	558.8	.1111-02
55	13.170	.78000	2107.0	.6443-02	.7618-02	.8382-02	59.47	.3831	.3518	554.3	.1446-03
55	13.207	1.7820	2114.0	.1639-01	.1938-01	.2132-01	59.42	.9736	.3523	555.2	.3677-03
55	15.356	1.8370	2130.0	.9704-02	.1148-01	.1263-01	59.37	.5762	.3528	555.9	.2178-03
55	15.356	2.0460	2131.0	.1466-01	.1734-01	.1909-01	59.36	.8704	.3529	556.1	.3291-03
55	15.356	2.2500	2132.0	.1900-01	.2247-01	.2473-01	59.34	1.127	.3531	556.4	.4264-03
55	15.356	2.4530	2133.0	.2669-01	.3158-01	.3476-01	59.30	1.583	.3535	557.1	.5992-03
55	15.356	2.6630	2134.0	.3517-01	.4161-01	.4581-01	59.22	2.083	.3544	558.4	.7896-03
55	15.356	2.8160	2135.0	.5446-01	.6445-01	.7095-01	59.21	3.225	.3545	558.6	.1223-02

OH105B 60-O LOWER MID FUSELAGE (R3RF29)

LWR MID FUSE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
57	10.00	.0000	7.300	1.046	232.2	1452.	356.8	.4182-01	127.6	.2751-04	4041.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
57	.0000	.1259

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
57	13.107	1.9620	2115.0	.3566-01	.4239-01	.4680-01	28.28	1.008	.3699	550.1	.1491-02
57	13.107	2.1420	2116.0	.4361-01	.5185-01	.5725-01	28.27	1.233	.3702	550.5	.1823-02
57	13.107	2.3220	2117.0	.4857-01	.5776-01	.6378-01	28.24	1.372	.3709	551.6	.2031-02
57	13.107	2.4480	2118.0	.4778-01	.5682-01	.6275-01	28.23	1.349	.3711	551.9	.1998-02
57	13.170	.78000	2107.0	.1647-01	.1957-01	.2161-01	28.30	.4661	.3695	549.4	.6884-03
57	13.207	1.7820	2114.0	.3475-01	.4130-01	.4560-01	28.29	.9832	.3697	549.8	.1453-02
57	15.356	1.8370	2130.0	.2202-01	.2618-01	.2891-01	28.27	.6226	.3701	550.4	.9206-03
57	15.356	2.0460	2131.0	.3145-01	.3738-01	.4128-01	28.28	.8893	.3700	550.2	.1315-02
57	15.356	2.2500	2132.0	.3644-01	.4332-01	.4783-01	28.27	1.030	.3702	550.5	.1523-02
57	15.356	2.4530	2133.0	.4632-01	.5507-01	.6081-01	28.27	1.309	.3703	550.6	.1937-02
57	15.356	2.6630	2134.0	.5821-01	.6921-01	.7643-01	28.24	1.644	.3709	551.5	.2434-02
57	15.356	2.8160	2135.0	.5885-01	.6998-01	.7728-01	28.23	1.661	.3711	551.8	.2461-02

OH105B 60-0 LOWER MID FUSELAGE (R3RF30)

LWR MID FUSE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
56	10.00	.0000	7.300	1.934	463.8	1520.	374.7	.8316-01	134.0	.5210-04	4141.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
56	.0000	.1783

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
56	13.107	1.9620	2115.0	.3738-01	.4434-01	.4890-01	42.52	1.590	.3630	566.8	.1138-02
56	13.107	2.1420	2116.0	.4466-01	.5298-01	.5842-01	42.51	1.898	.3631	567.1	.1360-02
56	13.107	2.3220	2117.0	.4846-01	.5749-01	.6341-01	42.47	2.058	.3637	568.0	.1475-02
56	13.107	2.4480	2118.0	.4656-01	.5524-01	.6092-01	42.46	1.977	.3638	568.2	.1418-02
56	13.170	.78000	2107.0	.1627-01	.1930-01	.2127-01	42.58	.6928	.3621	565.5	.4952-03
56	13.207	1.7820	2114.0	.3597-01	.4266-01	.4704-01	42.56	1.531	.3624	566.0	.1095-02
56	15.356	1.8370	2130.0	.2256-01	.2676-01	.2951-01	42.53	.9595	.3628	566.6	.6868-03
56	15.356	2.0460	2131.0	.3298-01	.3912-01	.4314-01	42.53	1.403	.3629	566.7	.1004-02
56	15.356	2.2500	2132.0	.3901-01	.4628-01	.5103-01	42.50	1.658	.3633	567.3	.1188-02
56	15.356	2.4530	2133.0	.4975-01	.5902-01	.6509-01	42.48	2.113	.3635	567.7	.1515-02
56	15.356	2.6630	2134.0	.5885-01	.6982-01	.7700-01	42.48	2.500	.3635	567.7	.1792-02
56	15.356	2.8160	2135.0	.6006-01	.7127-01	.7860-01	42.46	2.550	.3639	568.3	.1829-02

OH105B 60-0 LOWER MID FUSELAGE

LWR MID FUSE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
58	15.00	.0000	7.300	1.045	238.9	1478.	363.7	.4296-01	130.0	.2773-04	4080.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
58	.0000	.1278

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
58	13.107	1.9620	2115.0	.4739-01	.5617-01	.6191-01	29.72	1.408	.3604	546.2	.1972-02
58	13.107	2.1420	2116.0	.5318-01	.6304-01	.6948-01	29.71	1.580	.3605	546.4	.2213-02
58	13.107	2.3220	2117.0	.5406-01	.6409-01	.7065-01	29.68	1.605	.3612	547.4	.2250-02
58	13.107	2.4480	2118.0	.4516-01	.5354-01	.5902-01	29.68	1.340	.3613	547.6	.1879-02
58	13.170	.78000	2107.0	.2277-01	.2698-01	.2973-01	29.75	.6775	.3597	545.1	.9472-03
58	13.207	1.7820	2114.0	.4402-01	.5217-01	.5749-01	29.75	1.309	.3598	545.4	.1831-02
58	15.356	1.8370	2130.0	.2950-01	.3497-01	.3854-01	29.71	.8766	.3605	546.4	.1228-02
58	15.356	2.0460	2131.0	.4266-01	.5056-01	.5573-01	29.72	1.268	.3605	546.3	.1775-02
58	15.356	2.2500	2132.0	.5045-01	.5980-01	.6591-01	29.71	1.499	.3607	546.7	.2099-02
58	15.356	2.4530	2133.0	.6123-01	.7259-01	.8001-01	29.70	1.818	.3609	546.9	.2548-02
58	15.356	2.6630	2134.0	.6833-01	.8101-01	.8930-01	29.68	2.028	.3613	547.5	.2844-02
58	15.356	2.8160	2135.0	.6300-01	.7470-01	.8234-01	29.67	1.869	.3615	547.9	.2622-02

OH105B 60-0 LOWER MID FUSELAGE (R3RF32)

LWR MID FUSE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
59	15.00	.0000	7.300	1.949	465.7	1517.	373.9	.8352-01	133.7	.5244-04	4137.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
59	.0000	.1787

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
59	13.107	1.9620	2115.0	.4663-01	.5516-01	.6072-01	43.18	2.014	.3533	550.5	.1412-02
59	13.107	2.1420	2116.0	.5421-01	.6413-01	.7059-01	43.17	2.340	.3535	550.9	.1641-02
59	13.107	2.3220	2117.0	.5411-01	.6402-01	.7048-01	43.11	2.332	.3544	552.2	.1638-02
59	13.107	2.4480	2118.0	.4557-01	.5393-01	.5937-01	43.09	1.964	.3546	552.5	.1380-02
59	13.170	.78000	2107.0	.2320-01	.2744-01	.3020-01	43.22	1.003	.3527	549.6	.7022-03
59	13.207	1.7820	2114.0	.4511-01	.5335-01	.5872-01	43.20	1.949	.3530	550.1	.1365-02
59	15.356	1.8370	2130.0	.3043-01	.3600-01	.3962-01	43.18	1.314	.3534	550.6	.9212-03
59	15.356	2.0460	2131.0	.4360-01	.5158-01	.5677-01	43.18	1.883	.3533	550.5	.1320-02
59	15.356	2.2500	2132.0	.4939-01	.5843-01	.6431-01	43.18	2.133	.3534	550.6	.1495-02
59	15.356	2.4530	2133.0	.5958-01	.7048-01	.7758-01	43.16	2.572	.3536	550.9	.1804-02
59	15.356	2.6630	2134.0	.6886-01	.8148-01	.8970-01	43.12	2.969	.3543	552.0	.2085-02
59	15.356	2.8160	2135.0	.6271-01	.7420-01	.8169-01	43.10	2.703	.3545	552.3	.1899-02

OH105B 60-O LOWER MID FUSELAGE (R3RF33)

LWR MID FUSE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
114	20.00	.0000	7.300	.9606	236.2	1542.	380.6	.4229-01	136.1	.2608-04	4174.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
114	.0000	.1274

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
114	13.107	1.9620	2115.0	.5827-01	.6869-01	.7543-01	31.95	1.861	.3409	540.8	.2498-02
114	13.107	2.1420	2116.0	.6546-01	.7717-01	.8475-01	31.94	2.091	.3410	540.9	.2806-02
114	13.107	2.3220	2117.0	.6290-01	.7416-01	.8146-01	31.91	2.007	.3417	542.0	.2697-02
114	13.107	2.4480	2118.0	.5089-01	.6001-01	.6592-01	31.89	1.623	.3420	542.5	.2182-02
114	13.170	.78000	2107.0	.3490-01	.4115-01	.4519-01	31.95	1.115	.3408	540.6	.1496-02
114	13.207	1.7820	2114.0	.5987-01	.7058-01	.7751-01	31.95	1.913	.3408	540.6	.2567-02
114	15.356	1.8370	2130.0	.3813-01	.4495-01	.4936-01	31.94	1.218	.3410	540.8	.1634-02
114	15.356	2.0460	2131.0	.5363-01	.6322-01	.6943-01	31.94	1.713	.3410	540.8	.2298-02
114	15.356	2.2500	2132.0	.5923-01	.6983-01	.7668-01	31.94	1.892	.3409	540.8	.2539-02
114	15.356	2.4530	2133.0	.7018-01	.8273-01	.9086-01	31.94	2.241	.3411	541.1	.3009-02
114	15.356	2.6630	2134.0	.7731-01	.9116-01	.1001	31.91	2.467	.3416	541.9	.3315-02
114	15.356	2.8160	2135.0	.6661-01	.7854-01	.8627-01	31.90	2.125	.3418	542.2	.2856-02

OH105B 60-0 LOWER MID FUSELAGE (R3RF34)

LWR MID FUSE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPOBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
115	20.00	.0000	7.300	2.008	470.6	1499.	369.3	.8451-01	132.0	.5372-04	4111.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
115	.0000	.1795

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
115	13.107	1.9620	2115.0	.5723-01	.6774-01	.7459-01	42.71	2.444	.3555	547.1	.1711-02
115	13.107	2.1420	2116.0	.6375-01	.7546-01	.8309-01	42.70	2.722	.3556	547.3	.1906-02
115	13.107	2.3220	2117.0	.5958-01	.7054-01	.7769-01	42.65	2.542	.3563	548.4	.1782-02
115	13.107	2.4480	2118.0	.4735-01	.5606-01	.6174-01	42.65	2.019	.3564	548.6	.1416-02
115	13.170	.78000	2107.0	.3279-01	.3880-01	.4271-01	42.79	1.403	.3544	545.4	.9800-03
115	13.207	1.7820	2114.0	.5771-01	.6829-01	.7518-01	42.77	2.468	.3547	545.9	.1725-02
115	15.356	1.8370	2130.0	.3715-01	.4397-01	.4841-01	42.73	1.587	.3553	546.8	.1111-02
115	15.356	2.0460	2131.0	.5273-01	.6241-01	.6872-01	42.73	2.253	.3552	546.7	.1576-02
115	15.356	2.2500	2132.0	.5862-01	.6939-01	.7641-01	42.70	2.503	.3556	547.3	.1753-02
115	15.356	2.4530	2133.0	.6780-01	.8026-01	.8839-01	42.67	2.893	.3561	548.0	.2027-02
115	15.356	2.6630	2134.0	.7397-01	.8758-01	.9644-01	42.67	3.156	.3562	548.2	.2212-02
115	15.356	2.8160	2135.0	.6365-01	.7536-01	.8300-01	42.64	2.714	.3565	548.7	.1903-02

LWR MID FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
109	.0000	.0000	7.300	.9796	235.5	1522.	375.3	.4222-01	134.2	.2641-04	4144.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
109	.0000	.1271

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
109	13.107	1.9620	2115.0	.1977-01	.2345-01	.2586-01	30.34	.5997	.3632	568.0	.8454-03
109	13.107	2.1420	2116.0	.2468-01	.2928-01	.3229-01	30.34	.7489	.3631	567.9	.1056-02
109	13.107	2.3220	2117.0	.3276-01	.3887-01	.4287-01	30.30	.9925	.3640	569.3	.1401-02
109	13.107	2.4480	2118.0	.4590-01	.5447-01	.6007-01	30.28	1.390	.3642	569.6	.1963-02
109	13.170	.78000	2107.0	.5743-02	.6812-02	.7510-02	30.37	.1744	.3624	566.8	.2456-03
109	13.207	1.7820	2114.0	.1555-01	.1844-01	.2033-01	30.37	.4721	.3626	567.1	.6648-03
109	15.356	1.8370	2130.0	.1051-01	.1247-01	.1375-01	30.36	.3191	.3627	567.3	.4495-03
109	15.356	2.0460	2131.0	.1501-01	.1781-01	.1963-01	30.36	.4558	.3627	567.2	.6419-03
109	15.356	2.2500	2132.0	.2025-01	.2402-01	.2649-01	30.34	.6143	.3632	568.0	.8659-03
109	15.356	2.4530	2133.0	.2808-01	.3332-01	.3674-01	30.32	.8515	.3634	568.4	.1201-02
109	15.356	2.6630	2134.0	.3578-01	.4244-01	.4680-01	30.33	1.085	.3633	568.2	.1530-02
109	15.356	2.8160	2135.0	.5514-01	.6542-01	.7215-01	30.30	1.671	.3638	569.0	.2358-02

OH105B 60-0 LOWER MID FUSELAGE (R3RF36)

LWR MID FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
110	.0000	.0000	7.300	1.976	465.5	1504.	370.5	.8355-01	132.5	.5294-04	4118.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
110	.0000	.1786

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
110	13.107	1.9620	2115.0	.1797-01	.2128-01	.2344-01	42.51	.7641	.3570	551.3	.5416-03
110	13.107	2.1420	2116.0	.2451-01	.2903-01	.3198-01	42.50	1.042	.3572	551.6	.7388-03
110	13.107	2.3220	2117.0	.3289-01	.3896-01	.4293-01	42.42	1.395	.3584	553.5	.9914-03
110	13.107	2.4480	2118.0	.4871-01	.5771-01	.6359-01	42.40	2.065	.3588	554.0	.1468-02
110	13.170	.78000	2107.0	.6876-02	.8141-02	.8966-02	42.56	.2926	.3564	550.4	.2072-03
110	13.207	1.7820	2114.0	.1786-01	.2115-01	.2329-01	42.53	.7595	.3569	551.1	.5382-03
110	15.356	1.8370	2130.0	.1011-01	.1198-01	.1319-01	42.48	.4296	.3576	552.2	.3048-03
110	15.356	2.0460	2131.0	.1410-01	.1670-01	.1840-01	42.48	.5991	.3575	552.1	.4250-03
110	15.356	2.2500	2132.0	.1797-01	.2128-01	.2344-01	42.47	.7630	.3577	552.4	.5415-03
110	15.356	2.4530	2133.0	.2566-01	.3039-01	.3348-01	42.45	1.089	.3580	552.8	.7734-03
110	15.356	2.6630	2134.0	.3596-01	.4260-01	.4693-01	42.41	1.525	.3586	553.7	.1084-02
110	15.356	2.8160	2135.0	.5414-01	.6415-01	.7068-01	42.39	2.295	.3589	554.2	.1632-02

LWR MID FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPOBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
111	.0000	.0000	7.300	2.913	699.1	1521.	374.9	.1253	134.0	.7848-04	4142.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
111	.0000	.2189

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
111	13.107	1.9620	2115.0	.1024-01	.2158-01	.2375-01	53.09	.9686	.3528	551.2	.4515-03
111	13.107	2.1420	2116.0	.2235-01	.2644-01	.2910-01	53.04	1.185	.3535	552.2	.5531-03
111	13.107	2.3220	2117.0	.3178-01	.3760-01	.4139-01	52.99	1.684	.3541	553.2	.7865-03
111	13.107	2.4480	2118.0	.4664-01	.5518-01	.6075-01	52.99	2.471	.3540	553.1	.1155-02
111	13.170	.78000	2107.0	.6091-02	.7201-02	.7923-02	53.21	.3241	.3514	549.0	.1507-03
111	13.207	1.7820	2114.0	.1628-01	.1925-01	.2118-01	53.18	.8658	.3518	549.7	.4028-03
111	15.356	1.8370	2130.0	.9442-02	.1117-01	.1229-01	53.13	.5017	.3524	550.5	.2336-03
111	15.356	2.0460	2131.0	.1458-01	.1724-01	.1897-01	53.12	.7744	.3525	550.7	.3607-03
111	15.356	2.2500	2132.0	.1905-01	.2254-01	.2481-01	53.08	1.011	.3530	551.5	.4716-03
111	15.356	2.4530	2133.0	.2701-01	.3196-01	.3517-01	53.04	1.433	.3534	552.2	.6686-03
111	15.356	2.6630	2134.0	.3420-01	.4046-01	.4453-01	53.03	1.813	.3536	552.4	.8464-03
111	15.356	2.8160	2135.0	.5268-01	.6233-01	.6861-01	53.00	2.792	.3539	553.0	.1304-02

OH105B 60-0 LOWER MID FUSELAGE (R3RF38)

LWR MID FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
113	.0000	.0000	7.300	3.601	859.9	1516.	373.7	.1542	133.6	.9687-04	4136.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
113	.0000	.2428

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
113	13.107	1.9620	2115.0	.1785-01	.2112-01	.2325-01	58.52	1.044	.3548	552.6	.3976-03
113	13.107	2.1420	2116.0	.2290-01	.2711-01	.2985-01	58.43	1.338	.3557	554.0	.5104-03
113	13.107	2.3220	2117.0	.3189-01	.3775-01	.4158-01	58.38	1.862	.3562	554.8	.7107-03
113	13.107	2.4480	2118.0	.4774-01	.5652-01	.6224-01	58.39	2.788	.3562	554.8	.1064-02
113	13.170	.78000	2107.0	.6673-02	.7901-02	.8697-02	58.66	.3918	.3533	550.3	.1488-03
113	13.207	1.7820	2114.0	.1669-01	.1974-01	.2173-01	58.59	.9777	.3540	551.4	.3717-03
113	15.356	1.8370	2130.0	.9252-02	.1095-01	.1205-01	58.56	.5418	.3543	551.9	.2061-03
113	15.356	2.0460	2131.0	.1386-01	.1641-01	.1806-01	58.54	.8117	.3545	552.2	.3089-03
113	15.356	2.2500	2132.0	.1879-01	.2224-01	.2449-01	58.49	1.099	.3551	553.0	.4187-03
113	15.356	2.4530	2133.0	.2695-01	.3190-01	.3513-01	58.44	1.575	.3556	553.9	.6006-03
113	15.356	2.6630	2134.0	.3408-01	.4034-01	.4442-01	58.44	1.992	.3556	554.0	.7595-03
113	15.356	2.8160	2135.0	.5223-01	.6183-01	.6809-01	58.40	3.050	.3560	554.5	.1164-02

OH105B 60-0 LOWER AFT FUSELAGE (R3RG25)

LWR AFT FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X!0 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
65	.0000	.0000	7.300	.9880	235.7	1515.	373.5	.4227-01	133.5	.2657-04	4134.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
65	.0000	.1271

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
65	24.329	1.8190	2186.0	.4008-02	.4742-02	.5220-02	30.64	.1228	.3542	551.2	.1705-03
65	24.925	1.8830	2187.0	.4175-02	.4940-02	.5439-02	30.63	.1279	.3545	551.7	.1776-03
65	25.476	1.9110	2188.0	.4535-02	.5366-02	.5908-02	30.63	.1389	.3545	551.8	.1929-03
65	25.923	1.9810	2189.0	.2601-02	.3078-02	.3388-02	30.65	.7973-01	.3540	551.1	.1106-03

OH105B 60-0 LOWER AFT FUSELAGE (R3RG26)

LWR AFT FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
66	.0000	.0000	7.300	1.977	466.5	1506.	371.0	.8373-01	132.6	.5298-04	4120.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
66	.0000	.1788

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
66	24.329	1.8190	2186.0	.5502-02	.6516-02	.7178-02	42.57	.2342	.3577	553.0	.1658-03
66	24.925	1.8830	2187.0	.3449-02	.4095-02	.4499-02	42.59	.1469	.3574	552.5	.1039-03
66	25.476	1.9110	2188.0	.4184-02	.4956-02	.5460-02	42.55	.1780	.3581	553.6	.1261-03
66	25.923	1.9810	2189.0	.4037-02	.4782-02	.5268-02	42.53	.1717	.3584	554.0	.1216-03

LWR AFT FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
67	.0000	.0000	7.300	2.943	699.6	1512.	372.7	.1255	133.2	.7906-04	4130.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
67	.0000	.2190

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
67	24.329	1.8190	2186.0	.4890-02	.5795-02	.6385-02	52.25	.2555	.3593	558.0	.1207-03
67	24.925	1.8830	2187.0	.4159-02	.4928-02	.5430-02	52.28	.2174	.3589	557.5	.1026-03
67	25.476	1.9110	2188.0	.1582-01	.1875-01	.2066-01	52.25	.8268	.3593	558.0	.3906-03
67	25.923	1.9810	2189.0	.3884-02	.4602-02	.5070-02	52.30	.2032	.3587	557.1	.9586-04

OH105B 60-0 LOWER AFT FUSELAGE (R3RG28)

LWR AFT FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
68	.0000	.0000	7.300	3.621	858.8	1510.	372.1	.1541	133.0	.9721-04	4127.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
68	.0000	.2426

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
68	24.329	1.8190	2186.0	.6347-02	.7517-02	.8280-02	57.96	.3679	.3575	554.4	.1412-03
68	24.925	1.8830	2187.0	.3726-02	.4411-02	.4859-02	58.04	.2162	.3566	553.1	.8287-04
68	25.476	1.9110	2188.0	.9522-02	.1128-01	.1242-01	57.98	.5521	.3572	554.0	.2118-03
68	25.923	1.9810	2189.0	.5713-02	.6765-02	.7451-02	57.98	.3312	.3572	553.9	.1271-03

OH105B 60-O LOWER AFT FUSELAGE (R3RG29)

LWR AFT FUSE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
63	10.00	.0000	7.300	.9879	236.7	1519.	374.5	.4244-01	133.9	.2660-04	4140.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
63	.0000	.1274

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
63	24.013	2.1280	2196.0	.1387-03	.1640-03	.1804-03	30.99	.4299-02	.3502	546.6	.5893-05
63	24.329	1.8190	2195.0	.1168-01	.1381-01	.1519-01	31.03	.3626	.3495	545.4	.4963-03
63	24.925	1.8830	2187.0	.1548-01	.1829-01	.2012-01	31 02	.4800	.3497	545.8	.6573-03
63	25.476	1.9110	2188.0	.2164-01	.2557-01	.2813-0'	31.12	.6713	.3497	545.7	.9191-03
63	25.923	1.9810	2189.0	.1726-01	.2039-01	.2243 01	31.03	.5356	.3494	545.3	.7329-03

OH105B 60-0 LOWER AFT FUSELAGE (R3RG30)

LWR AFT FUSE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
64	10.00	.0000	7.300	1.915	465.9	1533.	378.1	.8347-01	135.2	.5182-04	4160.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
64	.0000	.1788

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
64	24.015	2.1280	2196.0	.1841-03	.2174-03	.2391-03	44.09	.8117-02	.3476	547.7	.5604-05
64	24.329	1.8190	2186.0	.1295-01	.1530-01	.1682-01	44.01	.5699	.3487	549.4	.3942-03
64	24.925	1.8830	2187.0	.1522-01	.1798-01	.1977-01	44.04	.6703	.3483	548.8	.4634-03
64	25.476	1.9110	2188.0	.2227-01	.2631-01	.2893-01	44.01	.9802	.3487	549.4	.6780-03
64	25.923	1.9810	2189.0	.1773-01	.2095-01	.2304-01	44.00	.7801	.3489	549.7	.5398-03

OH1C5B 60-0 LOWER AFT FUSELAGE (R3RG31)

LWR AFT FUSE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
62	15.00	.0000	7.300	.9990	235.6	1505.	370.8	.4230-01	132.6	.2677-04	4120.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
62	.0000	.1271

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
62	24.329	1.8190	2186.0	.1457-01	.1723-01	.1895-01	30.55	.4451	.3514	543.2	.6166-03
62	24.925	1.9830	2187.0	.1980-01	.2341-01	.2576-01	30.56	.6051	.3513	543.0	.8381-03
62	25.476	1.9110	2188.0	.2732-01	.3289-01	.3619-01	30.56	.8501	.3514	543.0	.1177-02
62	25.923	1.9810	2189.0	.2092-01	.2473-01	.2721-01	30.57	.6396	.3510	542.5	.8853-03

OH105B 60-0 LOWER AFT FUSELAGE (R3RG32)

LWR AFT FUSE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
60	15.00	.0000	7.300	1.977	465.3	1503.	370.3	.8353-01	132.4	.5296-04	4117.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
60	.0000	.1785

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.SJO
60	24.015	2.1280	2196.0	.3152-03	.3735-03	.4116-03	42.32	.1334-01	.3594	554.6	.9501-05
60	24.329	1.8190	2186.0	.1691-01	.2004-01	.2210-01	42.19	.7132	.3613	557.5	.5098-03
60	24.925	1.8830	2197.0	.1889-01	.2240-01	.2469-01	42.21	.7974	.3610	557.0	.5696-03
60	25.476	1.9110	2188.0	.2769-01	.3283-01	.3620-01	42.16	1.167	.3617	558.1	.8351-03
60	25.923	1.9810	2189.0	.2363-01	.2803-01	.3090-01	42.14	.9959	.3620	558.6	.7128-03

OH105B 60-O LOWER AFT FUSELAGE (R3RG33)

LWR AFT FUSE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
117	20.00	.0000	7.300	1.047	240.5	1482.	364.8	.4325-01	130.4	.2782-04	4086.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
117	.0000	.1283

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
117	24.329	1.8190	2186.0	.2012-01	.2385-01	.2629-01	29.89	.6014	.3609	548.8	.8360-03
117	24.925	1.8830	2187.0	.2380-01	.2822-01	.3110-01	29.90	.7119	.3607	548.5	.9891-03
117	25.476	1.9110	2188.0	.3385-01	.4013-01	.4424-01	29.87	1.011	.3615	549.6	.1407-02
117	25.923	1.9810	2189.0	.2786-01	.3303-01	.3641-01	29.87	.8323	.3613	549.4	.1158-02

OH105B 60-0 LOWER AFT FUSELAGE (R3RG34)

LWR AFT FUSE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
116	20.00	.0000	7.300	2.017	468.7	1492.	367.4	.8420-01	131.3	.5380-04	4100.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
116	.0000	.1791

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
116	24.329	1.8190	2186.0	.1958-01	.2318-01	.2553-01	42.28	.8276	.3572	546.9	.5848-03
116	24.925	1.8830	2187.0	.2459-01	.2912-01	.3208-01	42.27	1.039	.3574	547.2	.7346-03
116	25.476	1.9110	2188.0	.3451-01	.4088-01	.4503-01	42.23	1.458	.3579	547.9	.1031-02
116	25.923	1.9810	2189.0	.2854-01	.3380-01	.3724-01	42.26	1.206	.3575	547.4	.8527-03

OH105B 60-0 LOWER AFT FUSELAGE (R3RG35)

LWR AFT FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
108	.0000	.0000	7.300	.9939	239.5	1524.	375.8	.4293-01	134.3	.2681-04	4147.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
108	.0000	.1282

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
108	24.329	1.8190	2186.0	.4091-02	.4840-02	.5327-02	31.12	.1273	.3534	553.5	.1733-03
108	24.925	1.8830	2187.0	.4293-02	.5078-02	.5590-02	31.12	.1336	.3535	553.7	.1818-03
108	25.476	1.9110	2188.0	.3926-02	.4644-02	.5113-02	31.10	.1221	.3539	554.3	.1663-03

OH105B 60-0 LOWER AFT FUSELAGE (R3RG36)

LWR AFT FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
107	.0000	.0000	7.300	1.971	467.0	1509.	371.9	.8380-01	133.0	.5289-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
107	.0000	.1789

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
107	24.329	1.8190	2186.0	.6127-02	.7267-02	.8012-02	42.37	.2596	.3626	562.0	.1850-03
107	24.925	1.8830	2187.0	.3617-02	.4289-02	.4729-02	42.40	.1534	.3620	561.1	.1092-03
107	25.476	1.9110	2188.0	.5385-02	.6388-02	.7043-02	42.34	.2280	.3630	562.6	.1626-03
107	25.923	1.9810	2189.0	.3242-02	.3846-02	.4241-02	42.30	.1371	.3635	563.4	.9789-04

OH105B 60-0 LOWER AFT FUSELAGE (R3RG37)

LWR AFT FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
106	.0000	.0000	7.300	2.898	7003.5	1527.	376.5	.1255	134.6	.7827-04	4151.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
106	.0000	.2192

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
106	24.329	1.8190	2186.0	.4302-02	.5094-02	.5610-02	53.08	.2284	.3564	559.2	.1067-03
106	24.925	1.8830	2187.0	.4202-02	.4975-02	.5478-02	53.10	.2231	.3561	558.8	.1042-03
106	25.476	1.9110	2188.0	.4428-02	.5244-02	.5775-02	53.04	.2349	.3569	560.0	.1099-03
106	25.923	1.9810	2189.0	.2470-02	.2925-02	.3221-02	53.04	.1310	.3568	559.9	.6128-04

OH105B 60-0 LOWER AFT FUSELAGE (R3RG38)

LWR AFT FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
105	.0000	.0000	7.300	3.661	664.6	1506.	371.1	.1552	132.7	.9816-04	4121.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
105	.0000	.2434

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
105	24.329	1.8190	2186.0	.6083-02	.7210-02	.7946-02	57.74	.3512	.3603	557.2	.1347-03
105	24.925	1.8830	2187.0	.3564-02	.4223-02	.4654-02	57.79	.2059	.3597	556.4	.7892-04
105	25.476	1.9110	2188.0	.4421-02	.5240-02	.5776-02	57.71	.2551	.3606	557.7	.9792-04
105	25.923	1.9810	2189.0	.3585-02	.4250-02	.4684-02	57.70	.2069	.3607	557.8	.7941-04

OH105B 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3R125)

AFT FUSE,ELEVON

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
52	.0000	.0000	7.300	1.004	235.1	1498.	369.1	.4221-01	131.9	.2685-04	4110.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
52	.0000	.1269

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
52	4.6920	24.913	2342.0	.1014-02	.1200-02	.1321-02	30.17	.3058-01	.3555	546.8	.4286-04
52	4.7220	25.475	2343.0	.5686-02	.6730-02	.7411-02	30.16	.1715	.3556	547.0	.2404-03
52	4.7590	26.038	2344.0	.1117-01	.1322-01	.1455-01	30.19	.3372	.3550	546.0	.4722-03
52	4.9020	24.576	2336.0	.1001-02	.1185-02	.1305-02	30.16	.3020-01	.3556	546.9	.4234-04
52	4.9020	24.913	2337.0	.2034-02	.2408-02	.2651-02	30.17	.6137-01	.3555	546.8	.8602-04
52	4.9020	26.138	2339.0	.1338-01	.1584-01	.1744-01	30.17	.4037	.3554	546.7	.5658-03
52	5.5650	24.576	2320.0	.1005-01	.1189-01	.1310-01	30.17	.3032	.3554	546.7	.4249-03
52	5.5650	26.038	2323.0	.1057-01	.1252-01	.1378-01	30.16	.3189	.3557	547.1	.4472-03

OH105B 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3R126)

AFT FUSE,ELEVON

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
53	.0000	.0000	7.300	1.932	466.4	1526.	376.2	.8360-01	134.5	.5216-04	4150.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
53	.0000	.1789

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
53	4.6920	24.913	2342.0	.1615-02	.1910-02	.2102-02	43.53	.7030-01	.3527	553.0	.4903-04
53	4.7220	25.475	2343.0	.6756-02	.7991-02	.8794-02	43.51	.2940	.3530	553.5	.2051-03
53	4.7590	26.038	2344.0	.1142-01	.1351-01	.1487-01	43.55	.4975	.3525	552.7	.3468-03
53	4.9020	24.576	2336.0	.1431-02	.1693-02	.1863-02	43.54	.6232-01	.3527	553.0	.4346-04
53	4.9020	24.913	2337.0	.3494-02	.4132-02	.4548-02	43.54	.1521	.3526	552.9	.1061-03
53	4.9020	26.138	2339.0	.1324-01	.1565-01	.1723-01	43.53	.5761	.3528	553.1	.4019-03
53	5.5650	24.576	2320.0	.8393-02	.9928-02	.1093-01	43.57	.3658	.3522	552.2	.2549-03
53	5.5650	26.038	2323.0	.1424-01	.1684-01	.1853-01	43.54	.6201	.3526	552.9	.4324-03

OH105B 60-O AFT FUSELAGE AND ELEVON SPLIT LINE (R3R127)

AFT FUSE,ELEVON

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
54	.0000	.0000	7.300	2.857	699.3	1538.	379.5	.1252	135.7	.7745-04	4168.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
54	.0000	.2191

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
54	4.6920	24.913	2342.0	.2622-02	.3098-02	.3407-02	54.07	.1417	.3495	552.8	.6532-04
54	4.7220	25.475	2343.0	.6686-02	.7901-02	.8691-02	54.06	.3614	.3496	553.0	.1666-03
54	4.7590	26.038	2344.0	.1017-01	.1202-01	.1321-01	54.13	.5505	.3488	551.7	.2534-03
54	4.9020	24.576	2336.0	.1096-02	.1295-02	.1425-02	54.07	.5927-01	.3495	552.8	.2731-04
54	4.9020	24.913	2337.0	.2424-02	.2864-02	.3150-02	54.09	.1311	.3493	552.5	.6039-04
54	4.9020	26.138	2339.0	.1239-01	.1464-01	.1610-01	54.11	.6706	.3490	552.1	.3087-03
54	5.5650	24.576	2320.0	.8543-02	.1009-01	.1110-01	54.08	.4620	.3493	552.5	.2128-03
54	5.5650	26.038	2323.0	.1593-01	.1882-01	.2070-01	54.04	.8607	.3498	553.3	.3968-03

OH105B 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3R128)

AFT FUSE,ELEVON

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
55	.0000	.0000	7.300	3.530	858.9	1533.	378.1	.1539	135.2	.9553-04	4160.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
55	.0000	.2428

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
55	4.6920	24.913	2342.0	.2479-02	.2933-02	.3229-02	59.29	.1470	.3536	557.3	.5566-04
55	4.7220	25.475	2343.0	.6684-02	.7908-02	.8705-02	59.24	.3959	.3541	558.1	.1501-03
55	4.7590	26.038	2344.0	.1150-01	.1361-01	.1498-01	59.26	.6817	.3539	557.7	.2582-03
55	4.9020	24.576	2336.0	.1403-02	.1660-02	.1827-02	59.29	.8318-01	.3536	557.2	.3149-04
55	4.9020	24.913	2337.0	.2876-02	.3402-02	.3745-02	59.31	.1706	.3534	556.9	.6456-04
55	4.9020	26.138	2339.0	.1333-01	.1577-01	.1736-01	59.27	.7902	.3538	557.5	.2993-03
55	5.5650	24.576	2320.0	.9677-02	.1144-01	.1259-01	59.42	.5750	.3522	555.1	.2172-03
55	5.5650	26.038	2323.0	.1676-01	.1983-01	.2182-01	59.35	.9950	.3530	556.2	.3763-03

OH105B 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3R129)

AFT FUSE,ELEVON

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
57	10.00	.0000	7.300	1.046	232.2	1452.	356.8	.4182-01	127.6	.2751-04	4041.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
57	.0000	.1259

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
57	4.6920	24.913	2342.0	.3275-01	.3894-01	.4301-01	28.23	.9245	.3711	551.8	.1370-02
57	4.7220	25.475	2343.0	.3408-01	.4053-01	.4476-01	28.23	.9621	.3711	551.9	.1425-02
57	4.7590	26.038	2344.0	.3024-01	.3596-01	.3970-01	28.26	.8546	.3705	550.9	.1264-02
57	4.9020	24.576	2336.0	.1172-01	.1393-01	.1539-01	28.22	.3306	.3713	552.1	.4893-03
57	4.9020	24.913	2337.0	.2067-01	.2458-01	.2715-01	28.23	.5834	.3711	551.9	.8644-03
57	4.9020	26.138	2339.0	.1806-01	.2147-01	.2371-01	28.25	.5101	.3706	551.1	.7550-03
57	5.5650	24.576	2320.0	.2743-02	.3261-02	.3602-02	28.23	.7742-01	.3711	551.9	.1147-03
57	5.5650	26.038	2323.0	.2873-02	.3416-02	.3773-02	28.21	.8104-01	.3715	552.4	.1201-03

OH105B 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3R130)

AFT FUSE,ELEVON

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
56	10.00	.0000	7.300	1.934	463.8	1520.	374.7	.8316-01	134.0	.5210-04	4141.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
56	.0000	.1783

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
56	4.6920	24.913	2342.0	.3547-01	.4206-01	.4637-01	42.59	1.511	.3620	565.3	.1079-02
56	4.7220	25.475	2343.0	.4547-01	.5391-01	.5944-01	42.60	1.937	.3619	565.1	.1384-02
56	4.7590	26.038	2344.0	.3688-01	.4372-01	.4819-01	42.66	1.574	.3609	563.6	.1122-02
56	4.9020	24.576	2336.0	.1203-01	.1427-01	.1573-01	42.59	.5124	.3620	565.3	.3662-03
56	4.9020	24.913	2337.0	.2634-01	.3123-01	.3443-01	42.60	1.122	.3618	565.1	.8016-03
56	4.9020	26.138	2339.0	.2405-01	.2851-01	.3143-01	42.66	1.026	.3610	563.8	.7318-03
56	5.5650	24.576	2320.0	.3141-02	.3724-02	.4106-02	42.58	.1337	.3621	565.4	.9558-04
56	5.5650	26.038	2323.0	.5670-02	.6724-02	.7414-02	42.57	.2414	.3622	565.7	.1726-03

OH105B 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3R131)

AFT FUSE,ELEVON

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
58	15.00	.0000	7.300	1.045	238.9	1478.	363.7	.4296-01	130.0	.2773-04	4080.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
58	.0000	.1278

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
58	4.6920	24.913	2342.0	.4706-01	.5580-01	.6151-01	29.67	1.396	.3615	547.8	.1959-02
58	4.7220	25.475	2343.0	.5918-01	.7017-01	.7735-01	29.67	1.756	.3614	547.8	.2463-02
58	4.7590	26.038	2344.0	.4882-01	.5787-01	.6379-01	29.70	1.450	.3608	546.9	.2031-02
58	4.9020	24.576	2336.0	.1709-01	.2026-01	.2234-01	29.66	.5068	.3617	548.2	.7112-03
58	4.9020	24.913	2337.0	.3602-01	.4271-01	.4708-01	29.67	1.069	.3615	547.9	.1499-02
58	4.9020	26.138	2339.0	.3073-01	.3643-01	.4016-01	29.70	.9127	.3609	546.9	.1279-02
58	5.5650	24.576	2320.0	.1579-02	.1871-02	.2062-02	29.67	.4681-01	.3615	547.9	.6567-04
58	5.5650	26.038	2323.0	.3973-02	.4711-02	.5193-02	29.65	.1178	.3618	548.4	.1654-03

OH105B 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3R132)

AFT FUSE,ELEVON

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
59	15.00	.0000	7.300	1.949	465.7	1517.	373.9	.8352-01	133.7	.5244-04	4137.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
59	.0000	.1787

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
59	4.6920	24.913	2342.0	.4367-01	.5165-01	.5685-01	43.20	1.886	.3530	550.1	.1322-02
59	4.7220	25.475	2343.0	.6780-01	.8020-01	.8826-01	43.20	2.929	.3530	550.1	.2052-02
59	4.7590	26.038	2344.0	.5620-01	.6646-01	.7314-01	43.24	2.430	.3525	549.2	.1701-02
59	4.9020	24.576	2336.0	.1662-01	.1965-01	.2163-01	43.20	.7178	.3530	550.1	.5030-03
59	4.9020	24.913	2337.0	.3768-01	.4457-01	.4905-01	43.21	1.628	.3529	549.9	.1141-02
59	4.9020	26.138	2339.0	.3925-01	.4642-01	.5109-01	43.23	1.697	.3526	549.4	.1188-02
59	5.5650	24.576	2320.0	.1723-02	.2038-02	.2243-02	43.21	.7445-01	.3529	549.8	.5215-04
59	5.5650	26.038	2323.0	.3654-02	.4323-02	.4757-02	43.20	.1579	.3530	550.1	.1106-03

OH105B 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3R133)

AFT FUSE,ELEVON

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
114	20.00	.0000	7.300	.9606	236.2	1542.	380.6	.4229-01	136.1	.2608-04	4174.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
114	.0000	.1274

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
114	4.6920	24.913	2342.0	.5337-01	.6291-01	.6909-01	31.95	1.705	.3408	540.6	.2288-02
114	4.7220	25.475	2343.0	.7909-01	.9324-01	.1024	31.94	2.526	.3410	540.8	.3391-02
114	4.7590	26.038	2344.0	.5737-01	.6762-01	.7426-01	31.96	1.834	.3406	540.2	.2459-02
114	4.9020	24.576	2336.0	.1982-01	.2337-01	.2566-01	31.95	.6334	.3408	540.5	.8498-03
114	4.9020	24.913	2337.0	.4993-01	.5886-01	.6463-01	31.96	1.596	.3407	540.4	.2140-02
114	4.9020	25.575	2338.0	.6086-01	.7175-01	.7880-01	31.94	1.944	.3411	541.0	.2609-02
114	4.9020	26.138	2339.0	.4183-01	.4931-01	.5416-01	31.93	1.336	.3412	541.2	.1793-02
114	5.5650	24.576	2320.0	.9945-03	.1172-02	.1287-02	31.98	.3180-01	.3403	539.8	.4263-04
114	5.5650	25.476	2322.0	.4976-02	.5866-02	.6442-02	31.96	.1590	.3407	540.4	.2133-03
114	5.5650	26.038	2323.0	.6650-02	.7839-02	.8608-02	31.97	.2126	.3405	540.1	.2851-03

OH105B 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3R134)

AFT FUSE,ELEVON

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
115	20.00	.0000	7.300	2.008	470.6	1499.	369.3	.8451-01	132.0	.5372-04	4111.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
115	.0000	.1795

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
115	4.6920	24.913	2342.0	.5124-01	.6064-01	.6676-01	42.76	2.191	.3548	546.0	.1532-02
115	4.7220	25.475	2343.0	.8794-01	.1041	.1146	42.79	3.763	.3544	545.5	.2629-02
115	4.7590	26.038	2344.0	.5977-01	.7070-01	.7782-01	42.85	2.561	.3535	544.1	.1786-02
115	4.9020	24.576	2336.0	.1813-01	.2264-01	.2493-01	42.76	.8179	.3549	546.2	.5718-03
115	4.9020	24.913	2337.0	.5457-01	.6457-01	.7109-01	42.78	2.334	.3546	545.7	.1631-02
115	4.9020	25.575	2338.0	.8403-01	.9943-01	.1095	42.78	3.594	.3546	545.7	.2512-02
115	4.9020	26.138	2339.0	.2758-01	.3265-01	.3595-01	42.70	1.178	.3556	547.3	.8246-03
115	5.5650	24.576	2320.0	.2570-02	.3041-02	.3349-02	42.74	.1098	.3551	546.5	.7682-04
115	5.5650	25.476	2322.0	.7973-02	.9437-02	.1039-01	42.72	.3406	.3553	546.9	.2384-03
115	5.5650	26.038	2323.0	.1254-01	.1484-01	.1634-01	42.74	.5360	.3552	546.6	.3750-03

OH105B 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3R135)

AFT FUSE,ELEVON

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
109	.0000	.0000	7.300	.9796	235.5	1522.	375.3	.4222-01	134.2	.2641-04	4144.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
109	.0000	.1271

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
109	4.6920	24.913	2342.0	.1730-02	.2051-02	.2261-02	30.44	.5267-01	.3611	564.7	.7395-04
109	4.7220	25.475	2343.0	.3560-02	.4220-02	.4651-02	30.45	.1084	.3608	564.4	.1521-03
109	4.7590	26.038	2344.0	.6910-02	.8188-02	.9023-02	30.51	.2108	.3596	562.4	.2952-03
109	4.3020	24.913	2337.0	.1123-02	.1331-02	.1468-02	30.44	.3419-01	.3611	564.7	.4800-04
109	4.9020	25.575	2338.0	.5485-02	.6503-02	.7168-02	30.44	.1669	.3611	564.8	.2344-03
109	4.9020	26.138	2339.0	.7102-02	.8416-02	.9275-02	30.50	.2166	.3598	562.8	.3035-03
109	5.5650	24.576	2320.0	.9061-02	.1075-01	.1185-01	30.39	.2754	.3621	566.3	.3874-03
109	5.5650	26.038	2323.0	.1165-01	.1382-01	.1524-01	30.39	.3542	.3621	566.4	.4983-03

OH105B 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3R136)

AFT FUSE,ELEVON

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
110	.0000	.0000	7.300	1.976	465.5	1504.	370.5	.8355-01	132.5	.5294-04	4118.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
110	.0000	.1786

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
110	4.6920	24.913	2342.0	.1980-02	.2347-02	.2586-02	42.35	.8387-01	.3594	555.0	.5971-04
110	4.7220	25.475	2343.0	.4139-02	.4905-02	.5405-02	42.34	.1753	.3596	555.2	.1248-03
110	4.7590	26.038	2344.0	.6737-02	.7982-02	.8795-02	42.39	.2856	.3588	554.1	.2031-03
110	4.9020	24.913	2337.0	.1557-02	.1845-02	.2033-02	42.35	.6594-01	.3594	554.9	.4694-04
110	4.9020	25.575	2338.0	.4579-02	.5426-02	.5979-02	42.33	.1938	.3598	555.5	.1381-03
110	4.9020	26.138	2339.0	.7286-02	.8634-02	.9513-02	42.37	.3087	.3591	554.5	.2197-03
110	5.5650	24.576	2320.0	.8765-02	.1039-01	.1145-01	42.32	.3709	.3599	555.7	.2643-03
110	5.5650	26.038	2323.0	.1401-01	.1661-01	.1831-01	42.29	.5927	.3602	556.3	.4226-03

OH105B 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3R137)

AFT FUSE,ELEVON

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPOBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
111	.0000	.0000	7.300	2.913	699.1	1521.	374.9	.1253	134.0	.7848-04	4142.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
111	.0000	.2189

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
111	4.6920	24.913	2342.0	.2797-02	.3309-02	.3642-02	53.02	.1483	.3537	552.6	.6922-04
111	4.7220	25.475	2343.0	.1925-02	.2277-02	.2507-02	52.99	.1020	.3541	553.2	.4764-04
111	4.7590	26.038	2344.0	.5604-02	.6631-02	.7299-02	52.99	.2969	.3540	553.2	.1387-03
111	4.9020	24.576	2336.0	.5395-03	.6382-03	.7025-03	53.03	.2861-01	.3536	552.4	.1335-04
111	4.9020	24.913	2337.0	.7965-03	.9423-03	.1037-02	53.04	.4225-01	.3535	552.2	.1971-04
111	4.9020	25.575	2338.0	.2490-02	.2946-02	.3243-02	52.98	.1318	.3542	553.4	.6163-04
111	4.9020	26.138	2339.0	.6982-02	.8261-02	.9094-02	52.99	.3700	.3540	553.1	.1728-03
111	5.5650	24.576	2320.0	.8152-02	.9642-02	.1061-01	53.08	.4327	.3529	551.4	.2017-03
111	5.5650	26.038	2323.0	.1525-01	.1805-01	.1986-01	53.03	.8090	.3535	552.3	.3776-03

OH105B 60-0 AFT FUSELAGE AND ELEVON SPLIT LINE (R3R138)

AFT FUSE,ELEVON

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
113	.0000	.0000	7.300	3.601	859.9	1516.	373.7	.1542	133.6	.9687-04	4136.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
113	.0000	.2428

TEST DATA

RUN NUMBER	ZO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
113	4.6920	24.913	2342.0	.3226-02	.3818-02	.4204-02	58.47	.1886	.3553	553.4	.7187-04
113	4.7220	25.475	2343.0	.1818-02	.2152-02	.2369-02	58.44	.1062	.3556	554.0	.4051-04
113	4.7590	26.038	2344.0	.5727-02	.6779-02	.7464-02	58.45	.3347	.3555	553.8	.1276-03
113	4.9020	24.576	2336.0	.3755-03	.4445-03	.4894-03	58.48	.2196-01	.3552	553.2	.8367-05
113	4.9020	24.913	2337.0	.1381-02	.1635-02	.1800-02	58.50	.8079-01	.3550	552.9	.3077-04
113	4.9020	25.575	2338.0	.2291-02	.2712-02	.2986-02	58.43	.1339	.3557	554.0	.5105-04
113	4.9020	26.138	2339.0	.7887-02	.9336-02	.1028-01	58.43	.4608	.3557	554.1	.1757-03
113	5.5650	24.576	2320.0	.8689-02	.1028-01	.1132-01	58.58	.5090	.3541	551.6	.1936-03
113	5.5650	26.038	2323.0	.1558-01	.1844-01	.2030-01	58.51	.9114	.3549	552.8	.3471-03

OH105B 60-0 UPPER RH WING (R3RJ25)

UPPER RH WING

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
65	.0000	.0000	7.300	.9880	235.7	1515.	373.5	.4227-01	133.5	.2657-04	4134.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
65	.0000	.1271

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
65	1.9700	17.545	2253.0	.2894-02	.3424-02	.3769-02	30.63	.8863-01	.3544	551.7	.1231-03
65	1.9880	10.859	2249.0	.4188-01	.4956-01	.5456-01	30.61	1.282	.3548	552.3	.1781-02
65	1.9880	11.983	2250.0	.3072-01	.3635-01	.4002-01	30.61	.9402	.3549	552.3	.1307-02
65	1.9880	13.107	2251.0	.1818-01	.2151-01	.2369-01	30.61	.5565	.3548	552.2	.7733-03
65	1.9880	14.195	2252.0	.1196-01	.1415-01	.1558-01	30.61	.3660	.3549	552.3	.5087-03
65	2.0470	22.330	2255.0	.3598-02	.4258-02	.4687-02	30.63	.1102	.3544	551.7	.1530-03
65	2.0490	19.941	2254.0	.9812-03	.1161-02	.1278-02	30.63	.3005-01	.3544	551.6	.4173-04
65	2.4590	14.195	2256.0	.2489-01	.2952-01	.3254-01	30.26	.7531	.3620	563.4	.1060-02
65	2.4590	15.535	2257.0	.2102-01	.2488-01	.2739-01	30.59	.6430	.3552	552.8	.8941-03
65	2.4590	16.875	2258.0	.1328-01	.1572-01	.1730-01	30.61	.4065	.3548	552.3	.5650-03
65	2.4590	18.215	2259.0	.7759-02	.9181-02	.1011-01	30.63	.2376	.3545	551.8	.3300-03
65	2.4590	19.555	2260.0	.8216-02	.9722-02	.1070-01	30.63	.2517	.3544	551.6	.3494-03
65	2.4590	20.895	2261.0	.2586-02	.3060-02	.3369-02	30.64	.7925-01	.3542	551.3	.1100-03
65	2.4590	22.235	2262.0	.2586-02	.3059-02	.3367-02	30.65	.7925-01	.3540	551.0	.1100-03
65	2.4590	23.576	2263.0	.6389-02	.7559-02	.8321-02	30.65	.1958	.3540	550.9	.2717-03

OH105B 60-0 UPPER RH WING (R3RJ26)

UPPER RH WING

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
66	.0000	.0000	7.300	1.977	466.5	1506.	371.0	.8373-01	132.6	.5298-04	4120.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
66	.0000	.1788

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
66	1.9700	17.545	2253.0	.3607-02	.4270-02	.4702-02	42.68	.1539	.3561	550.5	.1086-03
66	1.9880	10.859	2249.0	.4973-01	.5888-01	.6484-01	42.66	2.121	.3564	551.0	.1498-02
66	1.9880	11.983	2250.0	.4051-01	.4796-01	.5282-01	42.66	1.728	.3565	551.1	.1220-02
66	1.9880	13.107	2251.0	.2482-01	.2938-01	.3236-01	42.66	1.059	.3564	550.9	.7474-03
66	1.9880	14.195	2252.0	.1381-01	.1635-01	.1801-01	42.66	.5893	.3564	551.0	.4160-03
66	2.0470	22.330	2255.0	.5230-02	.6192-02	.6819-02	42.66	.2231	.3564	551.0	.1575-03
66	2.0490	19.941	2254.0	.1244-02	.1473-02	.1622-02	42.68	.5309-01	.3562	550.7	.3747-04
66	2.4590	14.195	2256.0	.2582-01	.3063-01	.3378-01	42.15	1.088	.3638	562.4	.7789-03
66	2.4590	15.535	2257.0	.2128-01	.2520-01	.2775-01	42.63	.9071	.3569	551.7	.6410-03
66	2.4590	16.875	2258.0	.1449-01	.1715-01	.1889-01	42.65	.6179	.3565	551.2	.4363-03
66	2.4590	18.215	2259.0	.8025-02	.9501-02	.1046-01	42.68	.3425	.3562	550.6	.2417-03
66	2.4590	19.555	2260.0	.8031-02	.9508-02	.1047-01	42.67	.3427	.3562	550.7	.2419-03
66	2.4590	20.895	2261.0	.1118	.1298	.1411	48.26	5.398	.2758	426.4	.3319-02
66	2.4590	22.235	2262.0	.3404-02	.4029-02	.4437-02	42.68	.1453	.3561	550.5	.1025-03
66	2.4590	23.576	2263.0	.5761-02	.6821-02	.7511-02	42.68	.2459	.3561	550.5	.1735-03

OH105B 60-0 UPPER RH WING (R3RJ27)

UPPER RH WING

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
67	.0000	.0000	7.300	2.943	699.6	1512.	372.7	.1255	133.2	.7906-04	4130.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
67	.0000	.2190

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
67	1.9700	17.545	2253.0	.5419-02	.6419-02	.7071-02	52.37	.2838	.3578	555.8	.1337-03
67	1.9880	10.859	2249.0	.5263-01	.6235-01	.6869-01	52.32	2.754	.3584	556.7	.1299-02
67	1.9880	11.983	2250.0	.4313-01	.5110-01	.5630-01	52.32	2.257	.3584	556.7	.1064-02
67	1.9880	13.107	2251.0	.2552-01	.3022-01	.3330-01	52.35	1.336	.3580	556.1	.6286-03
67	1.9880	14.195	2252.0	.1375-01	.1629-01	.1795-01	52.34	.7199	.3582	556.3	.3394-03
67	2.0470	22.330	2255.0	.7138-02	.8456-02	.9315-02	52.34	.3736	.3582	556.3	.1761-03
67	2.0490	19.941	2254.0	.2775-02	.3288-02	.3622-02	52.36	.1453	.3579	556.0	.6848-04
67	2.4590	14.195	2256.0	.2618-01	.3107-01	.3428-01	51.72	1.354	.3655	567.7	.6469-03
67	2.4590	15.535	2257.0	.2124-01	.2516-01	.2772-01	52.31	1.111	.3585	556.9	.5241-03
67	2.4590	16.875	2258.0	.1570-01	.1859-01	.2048-01	52.34	.8216	.3582	556.3	.3873-03
67	2.4590	18.215	2259.0	.8305-02	.9837-02	.1084-01	52.37	.4350	.3578	555.8	.2049-03
67	2.4590	19.555	2260.0	.7914-02	.9374-02	.1033-01	52.36	.4144	.3579	555.9	.1953-03
67	2.4590	20.895	2261.0	.2782-02	.3293-02	.3626-02	52.53	.1461	.3559	552.9	.6861-04
67	2.4590	22.235	2262.0	.4732-02	.5605-02	.6174-02	52.37	.2478	.3578	555.8	.1168-03
67	2.4590	23.576	2263.0	.6481-02	.7677-02	.8456-02	52.38	.3395	.3577	555.6	.1599-03
67	5.1380	24.080	2279.0	.5786-04	.6834-04	.7515-04	53.20	.3078-02	.3481	540.7	.1425-05

UPPER RH WING

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
68	.0000	.0000	7.300	3.621	858.8	1510.	372.1	.1541	133.0	.9721-04	4127.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
68	.0000	.2426

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
68	1.9700	17.545	2253.0	.8474-02	.1003-01	.1104-01	58.15	.4927	.3555	551.3	.1884-03
68	1.9880	10.859	2249.0	.5290-01	.6262-01	.6895-01	58.12	3.074	.3558	551.7	.1176-02
68	1.9880	11.983	2250.0	.4337-01	.5134-01	.5653-01	58.11	2.520	.3559	551.9	.9645-03
68	1.9880	13.107	2251.0	.2611-01	.3091-01	.3404-01	58.12	1.518	.3558	551.7	.5807-03
68	1.9880	14.195	2252.0	.1346-01	.1593-01	.1754-01	58.10	.7819	.3559	552.0	.2993-03
68	2.0470	22.330	2255.0	.8219-02	.9729-02	.1071-01	58.13	.4778	.3557	551.5	.1828-03
68	2.0490	19.941	2254.0	.3867-02	.4578-02	.5040-02	58.15	.2249	.3555	551.3	.8600-04
68	2.4590	14.195	2256.0	.2618-01	.3106-01	.3425-01	57.41	1.503	.3634	563.5	.5832-03
68	2.4590	15.535	2257.0	.2149-01	.2545-01	.2802-01	58.07	1.248	.3563	552.5	.4780-03
68	2.4590	16.875	2258.0	.1599-01	.1893-01	.2084-01	58.11	.9289	.3559	551.9	.3555-03
68	2.4590	18.215	2259.0	.8582-02	.1016-01	.1118-01	58.15	.4990	.3555	551.2	.1908-03
68	2.4590	19.555	2260.0	.7903-02	.9354-02	.1030-01	58.15	.4596	.3555	551.2	.1757-03
68	2.4590	20.895	2261.0	.2214-02	.2621-02	.2885-02	58.16	.1288	.3553	551.0	.4923-04
68	2.4590	22.235	2262.0	.5704-02	.6751-02	.7434-02	58.16	.3317	.3554	551.1	.1268-03
68	2.4590	23.576	2263.0	.6885-02	.8148-02	.8972-02	58.18	.4005	.3552	550.8	.1531-03

OH105B 60-0 UPPER RH WING (R3RJ29)

UPPER RH WING

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
63	10.00	.0000	7.300	.9879	236.7	1519.	374.5	.4244-01	133.9	.2660-04	4140.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
63	.0000	.1274

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
63	1.9700	17.545	2253.0	.7566-02	.8942-02	.9836-02	31.01	.2346	.3499	546.1	.3214-03
63	1.9880	10.859	2249.0	.2848-01	.3366-01	.3703-01	30.98	.8823	.3505	547.0	.1210-02
63	1.9880	11.983	2250.0	.1288-01	.1522-01	.1674-01	30.98	.3989	.3504	547.0	.5470-03
63	1.9880	13.107	2251.0	.7674-02	.9070-02	.9978-02	30.98	.2378	.3504	546.8	.3260-03
63	1.9880	14.195	2252.0	.8342-02	.9860-02	.1085-01	30.98	.2585	.3504	546.8	.3544-03
63	2.0470	22.330	2255.0	.4231-02	.5000-02	.5500-02	31.02	.1312	.3497	545.9	.1797-03
63	2.0490	19.941	2254.0	.3608-02	.4264-02	.4691-02	31.01	.1119	.3498	546.0	.1533-03
63	2.4590	14.195	2256.0	.8545-02	.1012-01	.1115-01	30.65	.2619	.3571	557.4	.3635-03
63	2.4590	15.535	2257.0	.5953-02	.7037-02	.7741-02	30.97	.1844	.3508	547.2	.2529-03
63	2.4590	16.875	2258.0	.4188-02	.4950-02	.5446-02	30.99	.1298	.3503	546.7	.1779-03
63	2.4590	18.215	2259.0	.2309-02	.2728-02	.3001-02	31.01	.7158-01	.3499	546.2	.9805-04
63	2.4590	19.555	2260.0	.2883-02	.3407-02	.3747-02	31.01	.8940-01	.3498	545.9	.1224-03
63	2.4590	20.895	2261.0	.3917-02	.4627-02	.5088-02	31.07	.1217	.3486	544.0	.1663-03
63	2.4590	22.235	2262.0	.4772-02	.5639-02	.6202-02	31.03	.1481	.3493	545.2	.2027-03
63	2.4590	23.576	2263.0	.4198-02	.4960-02	.5455-02	31.04	.1303	.3492	545.1	.1783-03

OH105B 60-0 UPPER RH WING (R3RJ30)

UPPER RH WING

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
64	10.00	.0000	7.300	1.915	465.9	1533.	378.1	.8347-01	135.2	.5182-04	4160.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
64	.0000	.1788

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
64	1.9700	17.545	2253.0	.1156-01	.1365-01	.1501-01	44.07	.5094	.3478	548.0	.3518-03
64	1.9880	10.859	2249.0	.2482-01	.2932-01	.3224-01	44.03	1.093	.3485	549.1	.7556-03
64	1.9880	11.983	2250.0	.1518-01	.1794-01	.1972-01	44.03	.6684	.3485	549.1	.4622-03
64	1.9880	13.107	2251.0	.1164-01	.1375-01	.1512-01	44.03	.5126	.3484	549.0	.3544-03
64	1.9880	14.195	2252.0	.1596-01	.1885-01	.2073-01	44.04	.7028	.3484	548.9	.4859-03
64	2.0470	22.330	2255.0	.5044-02	.5957-02	.6550-02	44.07	.2223	.3479	548.2	.1535-03
64	2.0490	19.941	2254.0	.4736-02	.5594-02	.6151-02	44.07	.2087	.3478	548.1	.1442-03
64	2.4590	14.195	2256.0	.6159-02	.7290-02	.8027-02	43.54	.2681	.3555	560.1	.1878-03
64	2.4590	15.535	2257.0	.4155-02	.4909-02	.5398-02	44.01	.1829	.3488	549.5	.1265-03
64	2.4590	16.875	2258.0	.6526-02	.7709-02	.8477-02	44.04	.2874	.3483	548.9	.1987-03
64	2.4590	18.215	2259.0	.3641-02	.4300-02	.4729-02	44.07	.1604	.3479	548.2	.1108-03
64	2.4590	19.555	2260.0	.5880-02	.6945-02	.7637-02	44.07	.2592	.3478	548.1	.1790-03
64	2.4590	20.895	2261.0	.4650-02	.5490-02	.6036-02	44.15	.2053	.3468	546.4	.1415-03
64	2.4590	22.235	2262.0	.4751-02	.5611-02	.6169-02	44.09	.2095	.3476	547.6	.1446-03
64	2.4590	23.576	2263.0	.4278-02	.5052-02	.5554-02	44.10	.1886	.3475	547.5	.1302-03

UPPER RH WING

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
62	15.00	.0000	7.300	.9990	235.6	1505.	370.8	.4230-01	132.6	.2677-04	4120.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
62	.0000	.1271

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
62	1.9700	17.545	2253.0	.4234-02	.5006-02	.5508-02	30.55	.1293	.3515	543.2	.1792-03
62	1.9880	10.859	2249.0	.1919-01	.2269-01	.2497-01	30.51	.5856	.3522	544.4	.8124-03
62	1.9880	11.983	2250.0	.1052-01	.1244-01	.1369-01	30.52	.3211	.3522	544.3	.4454-03
62	1.9880	13.107	2251.0	.7732-02	.9143-02	.1006-01	30.52	.2360	.3521	544.1	.3273-03
62	1.9880	14.195	2252.0	.1042-01	.1232-01	.1355-01	30.52	.3179	.3521	544.1	.4409-03
62	2.0470	22.330	2255.0	.1541-02	.1821-02	.2004-02	30.56	.4708-01	.3513	543.0	.6521-04
62	2.0490	19.941	2254.0	.2114-02	.2500-02	.2750-02	30.56	.6462-01	.3513	542.9	.8949-04
62	2.4590	14.195	2256.0	.4180-02	.4944-02	.5441-02	30.50	.1275	.3525	544.8	.1770-03
62	2.4590	15.535	2257.0	.3522-02	.4165-02	.4584-02	30.51	.1075	.3522	544.4	.1491-03
62	2.4590	16.875	2258.0	.4939-02	.5840-02	.6426-02	30.53	.1508	.3519	543.9	.2091-03
62	2.4590	18.215	2259.0	.3008-02	.3557-02	.3913-02	30.55	.9191-01	.3515	543.2	.1273-03
62	2.4590	19.555	2260.0	.4559-02	.5390-02	.5930-02	30.56	.1393	.3514	543.0	.1929-03
62	2.4590	20.895	2261.0	.4725-02	.5585-02	.6144-02	30.59	.1445	.3506	541.9	.1999-03
62	2.4590	22.235	2262.0	.4614-02	.5454-02	.6001-02	30.58	.1411	.3510	542.4	.1953-03
62	2.4590	23.576	2263.0	.2302-02	.2721-02	.2994-02	30.58	.7041-01	.3508	542.2	.9742-04

UPPER RH WING

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
60	15.00	.0000	7.300	1.977	465.3	1503.	370.3	.8353-01	132.4	.5296-04	4117.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
60	.0000	.1785

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
60	1.9700	17.545	2253.0	.5335-02	.6324-02	.6969-02	42.24	.2253	.3605	556.3	.1608-03
60	1.9880	10.859	2249.0	.1894-01	.2246-01	.2477-01	42.14	.7983	.3620	558.6	.5713-03
60	1.9880	11.983	2250.0	.1494-01	.1771-01	.1953-01	42.14	.6295	.3620	558.6	.4505-03
60	1.9880	13.107	2251.0	.1243-01	.1473-01	.1624-01	42.17	.5240	.3615	557.9	.3747-03
60	1.9880	14.195	2252.0	.1569-01	.1860-01	.2050-01	42.16	.6614	.3616	558.1	.4731-03
60	2.0470	22.330	2255.0	.1645-02	.1949-02	.2148-02	42.31	.6959-01	.3595	554.8	.4958-04
60	2.0490	19.941	2254.0	.3117-02	.3694-02	.4071-02	42.27	.1317	.3601	555.7	.9396-04
60	2.4590	14.195	2256.0	.5085-02	.6032-02	.6650-02	42.11	.2141	.3625	559.3	.1534-03
60	2.4590	15.535	2257.0	.4784-02	.5673-02	.6254-02	42.15	.2017	.3618	558.3	.1443-03
60	2.4590	16.875	2258.0	.6773-02	.8031-02	.8852-02	42.19	.2858	.3612	557.4	.2043-03
60	2.4590	18.215	2259.0	.3547-02	.4205-02	.4634-02	42.24	.1498	.3605	556.2	.1069-03
60	2.4590	19.555	2260.0	.4488-02	.5319-02	.5862-02	42.28	.1897	.3600	555.5	.1353-03
60	2.4590	20.895	2261.0	.3370-02	.3992-02	.4399-02	42.34	.1427	.3591	554.1	.1016-03
60	2.4590	22.235	2262.0	.4164-02	.4933-02	.5436-02	42.34	.1763	.3590	554.0	.1255-03
60	2.4590	23.576	2263.0	.1935-02	.2293-02	.2527-02	42.35	.8196-01	.3590	553.9	.5833-04

OH105B 60-0 UPPER RH WING (R3RJ33)

UPPER RH WING

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

***TEST CONDITIO **

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
117	20.00	.0000	7.300	1.047	240.5	1482.	364.8	.4325-01	130.4	.2782-04	4086.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
117	.0000	.1283

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
117	1.9700	17.545	2253.0	.1790-02	.2121-02	.2337-02	30.01	.5372-01	.3586	545.2	.7435-04
117	1.9880	10.859	2249.0	.1582-01	.1874-01	.2065-01	30.01	.4748	.3586	545.2	.6571-03
117	1.9880	11.983	2250.0	.6205-02	.7352-02	.8100-02	30.00	.1862	.3587	545.4	.2577-03
117	1.9880	13.107	2251.0	.4013-02	.4754-02	.5238-02	30.01	.1204	.3585	545.1	.1667-03
117	1.9880	14.195	2252.0	.5326-02	.6310-02	.6952-02	30.01	.1598	.3586	545.2	.2212-03
117	2.0470	22.330	2255.0	.7101-03	.8415-03	.9273-03	29.96	.2128-01	.3595	546.6	.2950-04
117	2.0490	19.941	2254.0	.9017-03	.1068-02	.1177-02	29.99	.2704-01	.3591	545.9	.3745-04
117	2.4590	14.195	2256.0	.3134-02	.3713-02	.4092-02	29.97	.9392-01	.3593	546.3	.1302-03
117	2.4590	15.535	2257.0	.2936-02	.3479-02	.3833-02	29.99	.8805-01	.3590	545.9	.1220-03
117	2.4590	16.875	2258.0	.3713-02	.4399-02	.4846-02	30.00	.1114	.3588	545.5	.1542-03
117	2.4590	18.215	2259.0	.2077-02	.2460-02	.2710-02	30.01	.6232-01	.3586	545.2	.8624-04
117	2.4590	19.555	2260.0	.3492-02	.4137-02	.4558-02	29.99	.1047	.3589	545.6	.1450-03
117	2.4590	20.895	2261.0	.2676-02	.3170-02	.3493-02	29.99	.8026-01	.3589	545.6	.1111-03
117	2.4590	22.235	2262.0	.1913-02	.2266-02	.2497-02	29.99	.5736-01	.3589	545.7	.7944-04
117	2.4590	23.576	2263.0	.1172-02	.1389-02	.1530-02	29.99	.3514-01	.3591	545.9	.4868-04

OH105B 60-0 UPPER RH WING (R3RJ34)

UPPER RH WING

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
116	20.00	.0000	7.300	2.017	468.7	1492.	367.4	.8420-01	131.3	.5380-04	4100.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
116	.0000	.1791

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
116	1.9700	17.545	2253.0	.2273-02	.2691-02	.2963-02	42.41	.9641-01	.3553	544.0	.6789-04
116	1.9880	10.859	2249.0	.1480-01	.1752-01	.1929-01	42.38	.6271	.3558	544.8	.4419-03
116	1.9880	11.983	2250.0	.8162-02	.9662-02	.1064-01	42.38	.3459	.3558	544.8	.2437-03
116	1.9880	13.107	2251.0	.5675-02	.6717-02	.7396-02	42.40	.2406	.3555	544.3	.1695-03
116	1.9880	14.195	2252.0	.8156-02	.9654-02	.1063-01	42.39	.3457	.3556	544.4	.2435-03
116	2.0470	22.330	2255.0	.2805-03	.3321-03	.3657-03	42.36	.1188-01	.3561	545.1	.8378-05
116	2.0490	19.941	2254.0	.1284-02	.1520-02	.1674-02	42.38	.5442-01	.3557	544.6	.3835-04
116	2.4590	14.195	2256.0	.3998-02	.4733-02	.5213-02	42.32	.1692	.3566	546.0	.1194-03
116	2.4590	15.535	2257.0	.4684-02	.5545-02	.6106-02	42.36	.1984	.3561	545.2	.1399-03
116	2.4590	16.875	2258.0	.4308-02	.5099-02	.5615-02	42.38	.1826	.3557	544.7	.1286-03
116	2.4590	18.215	2259.0	.2516-02	.2978-02	.3279-02	42.40	.1067	.3555	544.3	.7513-04
116	2.4590	19.555	2260.0	.4833-02	.5721-02	.6300-02	42.38	.2048	.3557	544.6	.1443-03
116	2.4590	20.895	2261.0	.3276-02	.3878-02	.4270-02	42.38	.1389	.3557	544.6	.9784-04
116	2.4590	22.235	2262.0	.1825-02	.2161-02	.2379-02	42.39	.7738-01	.3556	544.4	.5451-04
116	2.4590	23.576	2263.0	.4907-03	.5809-03	.6396-03	42.39	.2080-01	.3556	544.5	.1465-04

OH105B 60-0 UPPER RH WING (R3RJ35)

UPPER RH WING

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
108	.0000	.0000	7.300	.9939	239.5	1524.	375.8	.4293-01	134.3	.2681-04	4147.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
108	.0000	.1282

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
108	1.9700	17.545	2253.0	.2970-02	.3513-02	.3865-02	31.18	.9262-01	.3523	551.7	.1258-03
108	1.9880	10.859	2249.0	.4190-01	.4955-01	.5452-01	31.20	1.307	.3520	551.3	.1774-02
108	1.9880	11.983	2250.0	.3105-01	.3672-01	.4041-01	31.19	.9684	.3522	551.6	.1315-02
108	1.9880	13.107	2251.0	.1823-01	.2155-01	.2372-01	31.19	.5685	.3520	551.4	.7718-03
108	1.9880	14.195	2252.0	.1186-01	.1403-01	.1544-01	31.18	.3699	.3522	551.7	.5023-03
108	2.0470	22.330	2255.0	.3917-02	.4633-02	.5099-02	31.15	.1220	.3528	552.6	.1639-03
108	2.0490	19.941	2254.0	.1446-02	.1710-02	.1882-02	31.17	.4507-01	.3525	552.1	.6123-04
108	2.4590	14.195	2256.0	.2357-01	.2787-01	.3068-01	31.15	.7341	.3529	552.7	.9980-03
108	2.4590	15.535	2257.0	.2165-01	.2561-01	.2818-01	31.16	.6746	.3527	552.4	.9168-03
108	2.4590	16.875	2258.0	.1381-01	.1633-01	.1798-01	31.17	.4306	.3524	552.0	.5848-03
108	2.4590	18.215	2259.0	.7788-02	.9209-02	.1013-01	31.18	.2428	.3522	551.7	.3297-03
108	2.4590	19.555	2260.0	.7950-02	.9402-02	.1035-01	31.17	.2478	.3525	552.0	.3366-03
108	2.4590	20.895	2261.0	.2678-02	.3168-02	.3486-02	31.17	.8349-01	.3525	552.1	.1134-03
108	2.4590	22.235	2262.0	.2722-02	.3218-02	.3542-02	31.18	.8485-01	.3523	551.9	.1152-03
108	2.4590	23.576	2263.0	.6248-02	.7389-02	.8131-02	31.18	.1948	.3523	551.8	.2645-03
108	5.1380	24.080	2279.0	.4865-04	.5736-04	.6300-04	31.71	.1542-02	.3418	535.3	.2055-05

OH105B 60-0 UPPER RH WING (R3RJ36)

UPPER RH WING

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
107	.0000	.0000	7.300	1.971	467.0	1509.	371.9	.8380-01	133.0	.5289-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
107	.0000	.1789

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
107	1.9700	17.545	2253.0	.4090-02	.4848-02	.5344-02	42.52	.1739	.3604	558.6	.1234-03
107	1.9880	10.859	2249.0	.4984-01	.5908-01	.6512-01	42.50	2.118	.3607	559.0	.1504-02
107	1.9880	11.983	2250.0	.4000-01	.4741-01	.5226-01	42.49	1.699	.3608	559.2	.1207-02
107	1.9880	13.107	2251.0	.2481-01	.2941-01	.3242-01	42.49	1.054	.3608	559.2	.7487-03
107	1.9880	14.195	2252.0	.1347-01	.1597-01	.1760-01	42.49	.5724	.3608	559.2	.4065-03
107	2.0470	22.330	2255.0	.5373-02	.6368-02	.7018-02	42.53	.2285	.3602	558.3	.1621-03
107	2.0490	19.941	2254.0	.1706-02	.2022-02	.2229-02	42.53	.7256-01	.3602	558.3	.5148-04
107	2.4590	14.195	2256.0	.2367-01	.2807-01	.3094-01	42.44	1.005	.3615	560.3	.7145-03
107	2.4590	15.535	2257.0	.2133-01	.2529-01	.2787-01	42.46	.9055	.3613	559.9	.6437-03
107	2.4590	16.875	2258.0	.1415-01	.1678-01	.1849-01	42.49	.6014	.3608	559.2	.4271-03
107	2.4590	18.215	2259.0	.7651-02	.9068-02	.9995-02	42.52	.3253	.3604	558.6	.2309-03
107	2.4590	19.555	2260.0	.8073-02	.9569-02	.1055-01	42.53	.3433	.3602	558.4	.2436-03
107	2.4590	20.895	2261.0	.2919-02	.3459-02	.3812-02	42.55	.1242	.3599	557.8	.8807-04
107	2.4590	22.235	2262.0	.3406-02	.4036-02	.4448-02	42.57	.1450	.3597	557.5	.1028-03
107	2.4590	23.576	2263.0	.5845-02	.6927-02	.7634-02	42.57	.2488	.3597	557.5	.1764-03
107	5.1380	24.080	2279.0	.1541-03	.1822-03	.2004-03	43.24	.6665-02	.3500	542.4	.4641-05

UPPER RH WING

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
106	.0000	.0000	7.300	2.898	700.5	1527.	376.5	.1255	134.6	.7827-04	4151.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
106	.0000	.2192

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
106	1.9700	17.545	2253.0	.5026-02	.5948-02	.6549-02	53.18	.2673	.3552	557.4	.1246-03
106	1.9880	10.859	2249.0	.5116-01	.6056-01	.6669-01	53.13	2.718	.3557	558.2	.1269-02
106	1.9880	11.983	2250.0	.4194-01	.4965-01	.5467-01	53.13	2.228	.3558	558.3	.1040-02
106	1.9880	13.107	2251.0	.2534-01	.2999-01	.3303-01	53.15	1.347	.3556	557.9	.6285-03
106	1.9880	14.195	2252.0	.1391-01	.1646-01	.1813-01	53.14	.7392	.3556	558.0	.3450-03
106	2.0470	22.330	2255.0	.7041-02	.8333-02	.9175-02	53.19	.3745	.3551	557.2	.1746-03
106	2.0490	19.941	2254.0	.2518-02	.2980-02	.3281-02	53.18	.1339	.3552	557.4	.6245-04
106	2.4590	14.195	2256.0	.2359-01	.2793-01	.3076-01	53.06	1.252	.3566	559.5	.5852-03
106	2.4590	15.535	2257.0	.2074-01	.2455-01	.2704-01	53.10	1.101	.3562	558.9	.5144-03
106	2.4590	16.875	2258.0	.1489-01	.1762-01	.1941-01	53.14	.7910	.3557	558.2	.3693-03
106	2.4590	18.215	2259.0	.7961-02	.9423-02	.1038-01	53.16	.4232	.3554	557.7	.1975-03
106	2.4590	19.555	2260.0	.7816-02	.9251-02	.1019-01	53.17	.4156	.3553	557.5	.1939-03
106	2.4590	20.895	2261.0	.2688-02	.3181-02	.3502-02	53.19	.1430	.3551	557.2	.6666-04
106	2.4590	22.235	2262.0	.4252-02	.5032-02	.5541-02	53.21	.2263	.3548	556.8	.1055-03
106	2.4590	23.576	2263.0	.6080-02	.7195-02	.7921-02	53.22	.3236	.3547	556.6	.1508-03
106	5.1380	24.080	2279.0	.1424-03	.1681-03	.1848-03	53.99	.7690-02	.3458	542.6	.3526-05

OH105B 60-O UPPER RH WING (R3RJ38)

UPPER RH WING

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
105	.0000	.0000	7.300	3.661	864.6	1506.	371.1	.1552	132.7	.9816-04	4121.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
105	.0000	.2434

TEST DATA

RUN NUMBER	YO MS	XO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
105	1.9700	17.545	2253.0	.8168-02	.9677-02	.1066-01	57.87	.4726	.3589	555.1	.1808-03
105	1.9880	10.859	2249.0	.5136-01	.6086-01	.6707-01	57.80	2.969	.3596	556.2	.1137-02
105	1.9880	11.983	2250.0	.4210-01	.4989-01	.5498-01	57.80	2.433	.3596	556.2	.9323-03
105	1.9880	13.107	2251.0	.2521-01	.2988-01	.3292-01	57.83	1.458	.3593	555.7	.5583-03
105	1.9880	14.195	2252.0	.1298-01	.1538-01	.1695-01	57.82	.7507	.3594	555.9	.2875-03
105	2.0470	22.330	2255.0	.8109-02	.9608-02	.1059-01	57.89	.4694	.3587	554.8	.1795-03
105	2.0490	19.941	2254.0	.3759-02	.4453-02	.4907-02	57.88	.2176	.3587	554.8	.8322-04
105	2.4590	14.195	2256.0	.2410-01	.2857-01	.3149-01	57.72	1.391	.3605	557.6	.5338-03
105	2.4590	15.535	2257.0	.2096-01	.2484-01	.2737-01	57.77	1.211	.3600	556.8	.4641-03
105	2.4590	16.875	2258.0	.1573-01	.1864-01	.2054-01	57.81	.9095	.3595	556.0	.3484-03
105	2.4590	18.215	2259.0	.8304-02	.9839-02	.1084-01	57.85	.4804	.3591	555.4	.1839-03
105	2.4590	19.555	2260.0	.7478-02	.8861-02	.9763-02	57.87	.4327	.3589	555.1	.1656-03
105	2.4590	20.895	2261.0	.2729-02	.3233-02	.3562-02	57.90	.1580	.3586	554.7	.6042-04
105	2.4590	22.235	2262.0	.5740-02	.6800-02	.7491-02	57.92	.3325	.3584	554.2	.1271-03
105	2.4590	23.576	2263.0	.6719-02	.7959-02	.8769-02	57.93	.3892	.3583	554.1	.1487-03
105	5.1380	24.080	2279.0	.4709-03	.5563-03	.6117-03	58.89	.2773-01	.3481	538.4	.1040-04

OH105B 60-0 LOWER BODYFLAP (R3RK25)

LWR BODYFLAP

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
65	.0000	.0000	7.300	.9880	235.7	1515.	373.5	.4227-01	133.5	.2657-04	4134.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
65	.0000	.1271

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
65	27.268	.92800	2113.0	.1365-02	.1615-02	.1777-02	30.72	.4195-01	.3526	548.7	.5805-04
65	27.268	1.8190	2191.0	.2535-02	.2998-02	.3300-02	30.70	.7782-01	.3529	549.3	.1078-03

OH105B 60-0 LOWER BODYFLAP (R3RK26)

LWR BODYFLAP

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
66	.0000	.0000	7.300	1.977	466.5	1506.	371.0	.8373-01	132.6	.5298-04	4120.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
66	.0000	.1788

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
66	27.268	.92800	2113.0	.8745-03	.1035-02	.1140-02	42.69	.3734-01	.3560	550.3	.2634-04
66	27.268	1.8190	2191.0	.8059-03	.9542-03	.1051-02	42.65	.3437-01	.3565	551.2	.2427-04

OH105B 60-0 LOWER BODYFLAP (R3RK27)

LWR BODYFLAP

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
67	.0000	.0000	7.300	2.943	699.6	1512.	372.7	.1255	133.2	.7906-04	4130.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
67	.0000	.2190

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
67	27.268	.92800	2113.0	.1438-02	.1701-02	.1873-02	52.64	.7568-01	.3547	550.8	.3545-04
67	27.268	1.8190	2191.0	.1198-02	.1418-02	.1561-02	52.60	.6300-01	.3552	551.6	.2954-04

OH105B 60-0 LOWER BODYFLAP (R3RK28)

LWR BODYFLAP

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDYFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
68	.0000	.0000	7.300	3.621	858.8	1510.	372.1	.1541	133.0	.9721-04	4127.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
68	.0000	.2426

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
68	27.268	.92800	2113.0	.1903-02	.2250-02	.2476-02	58.42	.1111	.3526	546.8	.4228-04
68	27.268	1.8190	2191.0	.1155-02	.1366-02	.1503-02	58.39	.6741-01	.3529	547.3	.2566-04

OH105B 60-0 LOWER BODYFLAP (R3RK29)

LWR BODYFLAP

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
63	10.00	.0000	7.300	.9879	236.7	1519.	374.5	.4244-01	133.9	.2660-04	4140.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
63	.0000	.1274

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
63	27.268	.92800	2113.0	.4155-02	.4907-02	.5396-02	31.11	.1293	.3478	542.8	.1764-03
63	27.268	1.8190	2191.0	.6113-02	.7221-02	.7941-02	31.09	.1901	.3482	543.5	.2596-03

OH105B 60-0 LOWER BODYFLAP (R3RK30)

LWR BODYFLAP

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
64	10.00	.0000	7.300	1.915	465.9	1533.	378.1	.8347-01	135.2	.5182-04	4160.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
64	.0000	.1788

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
64	27.268	.92800	2113.0	.2971-02	.3508-02	.3857-02	44.16	.1312	.3466	546.1	.9043-04
64	27.268	1.8190	2191.0	.3665-02	.4328-02	.4758-02	44.14	.1618	.3469	546.6	.1115-03

LWR BODYFLAP

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
62	15.00	.0000	7.300	.9950	235.6	1505.	370.8	.4230-01	132.6	.2677-04	4120.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
62	.0000	.1271

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
62	27.268	.92800	2113.0	.5698-02	.6732-02	.7404-02	30.67	.1747	.3491	539.6	.2410-03
62	27.268	1.8190	2191.0	.7373-02	.8712-02	.9583-02	30.66	.2260	.3493	539.9	.3119-03

OH105B 60-O LOWER BODYFLAP (R3RK32)

LWR BODYFLAP

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
60	15.00	.0000	7.300	1.977	465.3	1503.	370.3	.8353-01	132.4	.5296-04	4117.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
60	.0000	.1785

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
60	27.268	.92800	2113.0	.5417-02	.6419-02	.7073-02	42.30	.2291	.3596	554.9	.1633-03
60	27.268	1.8190	2191.0	.6148-02	.7287-02	.8031-02	42.26	.2598	.3603	555.9	.1853-03

OH105B 60-0 LOWER BODYFLAP (R3RK33)

LWR BODYFLAP

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
117	20.00	.0000	7.300	1.047	240.5	1482.	364.8	.4325-01	130.4	.2782-04	4086.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
117	.0000	.1283

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
117	27.268	.92800	2113.0	.8098-02	.9590-02	.1056-01	30.07	.2435	.3574	543.4	.3362-03
117	27.268	1.8190	2191.0	.9836-02	.1165-01	.1284-01	30.04	.2955	.3580	544.3	.4085-03

OH105B 60-0 LOWER BODYFLAP (R3RK34)

LWR BODYFLAP

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
116	20.00	.0000	7.300	2.017	468.7	1492.	367.4	.8420-01	131.3	.5380-04	4100.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
116	.0000	.1791

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
116	27.268	.92800	2113.0	.8391-02	.9929-02	.1093-01	42.47	.3563	.3545	542.7	.2505-03
116	27.268	1.8190	2191.0	.1100-01	.1302-01	.1434-01	42.42	.4667	.3551	543.7	.3285-03

OH105B 60-0 LOWER BODYFLAP (R3RK35)

LWR BODYFLAP

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
108	.0000	.0000	7.300	.9939	239.5	1524.	375.8	.4293-01	134.3	.2681-04	4147.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
108	.0000	.1282

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
108	27.268	.92800	2113.0	.1947-02	.2301-02	.2531-02	31.28	.6089-01	.3503	548.6	.8239-04
108	27.268	1.8190	2191.0	.4188-02	.4950-02	.5446-02	31.25	.1309	.3509	549.6	.1773-03

LWR BODYFLAP

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
107	.0000	.0000	7.300	1.971	467.0	1509.	371.9	.8380-01	133.0	.5289-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
107	.0000	.1789

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
107	27.268	.92800	2113.0	.1345-02	.1595-02	.1758-02	42.47	.5713-01	.3610	559.6	.4060-04
107	27.268	1.8190	2191.0	.1426-02	.1691-02	.1864-02	42.41	.6048-01	.3619	561.0	.4305-04

OH105B 60-0 LOWER BODYFLAP (R3RK37)

LWR BODYFLAP

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
106	.0000	.0000	7.300	2.898	700.5	1527.	376.5	.1255	134.6	.7827-04	4151.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
106	.0000	.2192

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
106	27.268	.92800	2113.0	.4244-02	.5023-02	.5531-02	53.18	.2257	.3552	557.4	.1053-03
106	27.268	1.8190	2191.0	.3123-02	.3697-02	.4071-02	53.12	.1659	.3559	558.5	.7747-04

OH105B 60-O LOWER BODYFLAP (R3RK38)

LWR BODYFLAP

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
105	.0000	.0000	7.300	3.661	864.6	1506.	371.1	.1552	132.7	.9816-04	4121.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
105	.0000	.2434

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
105	27.268	.92800	2113.0	.7281-02	.8626-02	.9504-02	57.91	.4217	.3585	554.4	.1612-03
105	27.268	1.8190	2191.0	.1808-02	.2142-02	.2361-02	57.84	.1046	.3591	555.5	.4003-04

OH105B 60-0 BODYFLAP EDGE (R3RL25)

BODYFLAP EDGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ L3M	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
65	.0000	.0000	7.300	.9880	235.7	1515.	373.5	.4227-01	133.5	.2657-04	4134.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
65	.0000	.1271

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
65	26.994	5.0640	2192.0	.8322-02	.9843-02	.1083-01	30.70	.2555	.3531	549.5	.3539-03
65	27.265	5.0920	2193.0	.8917-02	.1055-01	.1161-01	30.70	.2737	.3530	549.4	.3792-03

OH105B 60-0 BODYFLAP EDGE (R3RL26)

BODYFLAP EDGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
66	.0000	.0000	7.300	1.977	466.5	1506.	371.0	.8373-01	132.6	.5298-04	4120.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
66	.0000	.1788

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
66	26.994	5.0640	2192.0	.9811-02	.1162-01	.1279-01	42.66	.4185	.3565	551.1	.2955-03
66	27.265	5.0920	2193.0	.1296-01	.1534-01	.1689-01	42.64	.5525	.3566	551.4	.3902-03

OH105B 60-O BODYFLAP EDGE (R3RL27)

BODYFLAP EDGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
67	.0000	.0000	7.300	2.943	699.6	1512.	372.7	.1255	133.2	.7906-04	4130.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
67	.0000	.2190

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
67	26.994	5.0640	2192.0	.1052-01	.1245-01	.1371-01	52.56	.5529	.3556	552.3	.2594-03
67	27.265	5.0920	2193.0	.1472-01	.1743-01	.1919-01	52.55	.7737	.3557	552.4	.3631-03

OH105B 60-O BODYFLAP EDGE (R3RL28)

BODYFLAP EDGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
68	.0000	.0000	7.300	3.621	858.8	1510.	372.1	.1541	133.0	.9721-04	4127.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
68	.0000	.2426

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
68	26.994	5.0640	2192.0	.1107-01	.1310-01	.1442-01	58.30	.6454	.3538	548.7	.2461-03
68	27.265	5.0920	2193.0	.1583-01	.1873-01	.2062-01	58.28	.9227	.3541	549.1	.3520-03

OH105B 60-0 BODYFLAP EDGE (R3RL29)

BODYFLAP EDGE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
63	10.00	.0000	7.300	.9879	236.7	1519.	374.5	.4244-01	133.9	.2660-04	4140.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
63	.0000	.1274

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
63	26.994	5.0640	2192.0	.9482-02	.1120-01	.1232-01	31.08	.2947	.3484	543.7	.4026-03
63	27.265	5.0920	2193.0	.6777-02	.8006-02	.8804-02	31.08	.2107	.3484	543.7	.2878-03

OH105B 60-0 BODYFLAP EDGE (R3RL30)

BODYFLAP EDGE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
64	10.00	.0000	7.300	1.915	465.9	1533.	378.1	.8347-01	135.2	.5182-04	4160.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
64	.0000	.1788

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
64	26.994	5.0640	2192.0	.1016-01	.1200-01	.1319-01	44.11	.4482	.3473	547.3	.3093-03
64	27.265	5.0920	2193.0	.9052-02	.1069-01	.1175-01	44.09	.3991	.3476	547.8	.2755-03

OH105B 60-0 BODYFLAP EDGE (R3RL31)

BODYFLAP EDGE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
62	15.00	.0000	7.300	.9990	235.6	1505.	370.8	.4230-01	132.6	.2677-04	4120.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
62	.0000	.1271

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
62	26.994	5.0640	2192.0	.1298-01	.1534-01	.1688-01	30.63	.3977	.3498	540.7	.5494-03
62	27.265	5.0920	2193.0	.1127-01	.1332-01	.1466-01	30.63	.3453	.3499	540.8	.4770-03

OH105B 60-0 BODYFLAP EDGE (R3RL32)

BODYFLAP EDGE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
60	15.00	.0000	7.300	1.977	465.3	1503.	370.3	.8353-01	132.4	.5296-04	4117.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
60	.0000	.1785

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
60	26.994	5.0640	2192.0	.1273-01	.1509-01	.1662-01	42.28	.5381	.3600	555.5	.3837-03
60	27.265	5.0920	2193.0	.1286-01	.1525-01	.1680-01	42.26	.5435	.3603	556.0	.3878-03

OH105B 60-0 BODYFLAP EDGE (R3RL33)

BODYFLAP EDGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
117	20.00	.0000	7.300	1.047	240.5	1482.	364.8	.4325-01	130.4	.2782-04	4086.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
117	.0000	.1283

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
117	26.994	5.0640	2192.0	.1830-01	.2168-01	.2389-01	30.00	.5491	.3587	545.4	.7602-03
117	27.265	5.0920	2193.0	.1757-01	.2082-01	.2293-01	30.00	.5272	.3587	545.3	.7297-03

OH105B 60-0 BODYFLAP EDGE (R3RL34)

BODYFLAP EDGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
116	20.00	.0000	7.300	2.017	468.7	1492.	367.4	.8420-01	131.3	.5380-04	4100.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
116	.0000	.1791

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
116	26.994	5.0640	2192.0	.2092-01	.2477-01	.2727-01	42.37	.8866	.3558	544.8	.6249-03
116	27.265	5.0920	2193.0	.2219-01	.2626-01	.2892-01	42.38	.9401	.3558	544.8	.6626-03

OH105B 60-0 BODYFLAP EDGE (R3RL35)

BODYFLAP EDGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
108	.0000	.0000	7.300	.9939	239.5	1524.	375.8	.4293-01	134.3	.2681-04	4147.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
108	.0000	.1282

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
108	26.994	5.0640	2192.0	.3690-02	.4363-02	.4801-02	31.22	.1152	.3516	550.6	.1562-03
108	27.265	5.0920	2193.0	.2098-02	.2481-02	.2730-02	31.22	.6550-01	.3515	550.5	.8883-04

OH105B 60-0 BODYFLAP EDGE (R3RL36)

BODYFLAP EDGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
107	.0000	.0000	7.300	1.971	467.0	1509.	371.9	.8380-01	133.0	.5289-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
107	.0000	.1789

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
107	26.994	5.0640	2192.0	.3525-02	.4179-02	.4607-02	42.46	.1497	.3612	559.8	.1064-03
107	27.265	5.0920	2193.0	.4190-02	.4968-02	.5476-02	42.45	.1779	.3613	560.0	.1265-03

OH105B 60-0 BODYFLAP EDGE (R3RL37)

BODYFLAP EDGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
106	.0000	.0000	7.300	2.898	700.5	1527.	376.5	.1255	134.6	.7827-04	4151.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
106	.0000	.2192

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
106	26.994	5.0640	2192.0	.5063-02	.5993-02	.6599-02	53.14	.2690	.3557	538.2	.1256-03
106	27.265	5.0920	2193.0	.6453-02	.7640-02	.8413-02	53.12	.3428	.3559	538.5	.1601-03

OH105B 60-0 BODYFLAP EDGE (R3RL38)

BODYFLAP EDGE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
105	.0000	.0000	7.300	3.661	864.6	1506.	371.1	.1552	132.7	.9816-04	4121.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
105	.0000	.2434

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
105	26.994	5.0640	2192.0	.5660-02	.6706-02	.7389-02	57.85	.3274	.3591	555.3	.1253-03
105	27.265	5.0920	2193.0	.1035-01	.1226-01	.1351-01	57.82	.5982	.3594	555.9	.2291-03

OH105B 60-0 VERTICAL TAIL (R3RM25)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
65	.0000	.0000	7.300	.9880	235.7	1515.	373.5	.4227-01	133.5	.2657-04	4134.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
65	.0000	.1271

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
65	26.091	9.3030	2368.0	.4118-02	.4872-02	.5362-02	30.68	.1264	.3534	550.0	.1751-03

OH105B 60-0 VERTICAL TAIL (R3RM26)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
66	.0000	.0000	7.300	1.977	466.5	1506.	371.0	.8373-01	132.6	.5298-04	4120.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
66	.0000	.1788

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
66	26.091	9.3030	2368.0	.5253-02	.6218-02	.6848-02	42.68	.2242	.3561	550.6	.1582-03

OH105B 60-0 VERTICAL TAIL (R3RM27)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
67	.0000	.0000	7.300	2.943	699.6	1512.	372.7	.1255	133.2	.7906-04	4130.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
67	.0000	.2190

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
67	26.091	9.3030	2368.0	.5448-02	.6451-02	.7105-02	52.47	.2858	.3567	554.0	.1344-03

OH105B 60-0 VERTICAL TAIL (R3RM28)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
68	.0000	.0000	7.300	3.621	858.8	1510.	372.1	.1541	133.0	.9721-04	4127.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
68	.0000	.2426

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
68	26.091	9.3030	2368.0	.5798-02	.6860-02	.7552-02	58.28	.3379	.3540	549.0	.1289-03

OH105B 60-0 VERTICAL TAIL (; 3RM29)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
63	10.00	.0000	7.300	.9879	236.7	1519.	374.5	.4244-01	133.9	.2660-04	4140.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
63	.0000	.1274

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
63	26.091	9.3030	2368.0	.1291-02	.1525-02	.1677-02	31.08	.4011-01	.3485	544.0	.5481-04

OH105B 60-0 VERTICAL TAIL (R3RM30)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
64	10.00	.0000	7.300	1.915	465.9	1533.	378.1	.8347-01	135.2	.5182-04	4160.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
64	.0000	.1788

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
64	26.091	9.3030	2368.0	.1498-02	.1769-02	.1945-02	44.13	.6610-01	.3470	546.8	.4559-04

OH105B 60-0 VERTICAL TAIL (R3RM31)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
62	15.00	.0000	7.300	.9990	235.6	1505.	370.8	.4230-01	132.6	.2677-04	4120.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
62	.0000	.1271

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
62	26.091	9.3030	2368.0	.1226-02	.1449-02	.1594-02	30.62	.3755-01	.3501	541.1	.5189-04

OH105B 60-0 VERTICAL TAIL (R3RM32)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
60	15.00	.0000	7.300	1.977	465.3	1503.	370.3	.8353-01	132.4	.5296-04	4117.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
60	.0000	.1785

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
60	26.091	9.3030	2368.0	.9313-03	.1103-02	.1216-02	42.38	.3947-01	.3585	553.3	.2807-04

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPOBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
117	20.00	.0000	7.300	1.047	240.5	1482.	364.8	.4325-01	130.4	.2782-04	4086.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
117	.0000	.1283

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
117	26.091	9.3030	2368.0	.3818-03	.4523-03	.4983-03	30.00	.1145-01	.3587	545.4	.1586-04

OH105B 60-0 VERTICAL TAIL (R3RM34)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
116	20.00	.0000	7.300	2.017	468.7	1492.	367.4	.8420-01	131.3	.5380-04	4100.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
116	.0000	.1791

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
116	26.091	9.3030	2368.0	.7247-03	.8577-03	.9444-03	42.41	.3074-01	.3553	543.9	.2164-04

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
108	.0000	.0000	7.300	.9939	239.5	1524.	375.8	.4293-01	134.3	.2681-04	4147.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
108	.0000	.1282

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
108	26.091	9.3030	2368.0	.5364-02	.6342-02	.6979-02	31.21	.1674	.3516	550.8	.2271-03

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
107	.0000	.0000	7.300	1.971	467.0	1509.	371.9	.8380-01	133.0	.5289-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
107	.0000	.1789

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
107	26.091	9.3030	2368.0	.7907-02	.9370-02	.1033-01	42.57	.3365	.3597	557.5	.2386-03

OH105B 60-0 VERTICAL TAIL (R3RM37)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
106	.0000	.0000	7.300	2.898	700.5	1527.	376.5	.1255	134.6	.7827-04	4151.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
106	.0000	.2192

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
106	26.091	9.3030	2368.0	.1034-01	.1224-01	.1347-01	53.27	.5509	.3542	555.8	.2564-03

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
105	.0000	.0000	7.300	3.661	864.6	1506.	371.1	.1552	132.7	.9816-04	4121.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
105	.0000	.2434

TEST DATA

RUN NUMBER	XO MS	ZO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
105	26.091	9.3030	2368.0	.1117-01	.1322-01	.1457-01	57.99	.6475	.3576	553.1	.2472-03

OH105B 60-0 UPPER MID FUSELAGE (R3RN25)

UPPER MID FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
52	.0000	.0000	7.300	1.004	235.1	1498.	369.1	.4221-01	131.9	.2685-04	4110.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
52	.0000	.1269

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
52	9.7050	.57200	2088.0	.3625-01	.4290-01	.4723-01	30.19	1.094	.3550	546.0	.1533-02
52	9.7170	1.7090	2089.0	.8896-02	.1053-01	.1159-01	30.19	.2686	.3550	546.0	.3762-03
52	10.806	.86700	2103.0	.1030-01	.1219-01	.1342-01	30.19	.3110	.3550	546.1	.4356-03
52	10.806	1.6380	2102.0	.2926-01	.3463-01	.3812-01	30.21	.8839	.3546	545.5	.1237-02
52	13.077	.86800	2125.0	.3901-02	.4616-02	.5082-02	30.23	.1179	.3542	544.8	.1649-03
52	13.077	1.6840	2122.0	.1722-01	.2038-01	.2244-01	30.21	.5203	.3547	545.5	.7282-03
52	13.107	.56000	2126.0	.5156-02	.6100-02	.6715-02	30.23	.1559	.3542	544.7	.2180-03
52	15.347	.86800	2140.0	.4325-02	.5118-02	.5634-02	30.23	.1308	.3542	544.7	.1829-03
52	17.549	1.1200	2405.0	.3713-02	.4393-02	.4836-02	30.23	.1122	.3542	544.9	.1569-03
52	17.574	.28000	2408.0	.1021-01	.1208-01	.1330-01	30.25	.3088	.3539	544.3	.4316-03
52	17.574	.56000	2407.0	.2017-01	.2387-01	.2627-01	30.23	.6098	.3541	544.7	.8527-03
52	17.574	.86800	2406.0	.1507-01	.1783-01	.1963-01	30.23	.4555	.3543	544.9	.6370-03
52	19.845	1.5720	2410.0	.4477-02	.5297-02	.5832-02	30.21	.1352	.3546	545.4	.1893-03
52	22.000	.86800	2156.0	.9762-02	.1155-01	.1272-01	30.21	.2949	.3545	545.3	.4127-03
52	22.000	1.5720	2155.0	.8954-02	.1060-01	.1167-01	30.19	.2703	.3551	546.2	.3786-03
52	22.610	.14000-01	2036.0	.6699-01	.7928-01	.8728-01	30.21	2.024	.3545	545.3	.2832-02
52	22.640	.30800	2160.0	.4442-01	.5257-01	.5787-01	30.21	1.342	.3546	545.4	.1878-02
52	22.640	.86800	2159.0	.2200-01	.2604-01	.2867-01	30.19	.6642	.3550	546.1	.9303-03
52	22.640	1.2180	2158.0	.1970-01	.2331-01	.2567-01	30.19	.5948	.3549	545.9	.8329-03

OH105B 60-0 UPPER MID FUSELAGE (R3RN26)

UPPER MID FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
53	.0000	.0000	7.300	1.932	466.4	1526.	376.2	.8360-01	134.5	.5216-04	4150.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
53	.0000	.1789

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
53	9.7050	.67200	2088.0	.3471-01	.4105-01	.4517-01	43.57	1.512	.3523	552.3	.1054-02
53	9.7170	1.7090	2089.0	.5825-02	.6888-02	.7579-02	43.60	.2540	.3518	551.6	.1768-03
53	10.806	.86700	2103.0	.9105-02	.1077-01	.1185-01	43.56	.3966	.3524	552.5	.2764-03
53	10.806	1.6380	2102.0	.2854-01	.3375-01	.3713-01	43.60	1.244	.3518	551.6	.8664-03
53	13.077	.86800	2125.0	.2959-02	.3499-02	.3850-02	43.61	.1291	.3516	551.3	.8983-04
53	13.077	1.6840	2122.0	.1477-01	.1747-01	.1922-01	43.60	.6441	.3518	551.7	.4485-03
53	13.107	.56000	2126.0	.6679-02	.7897-02	.8689-02	43.61	.2913	.3516	551.3	.2027-03
53	15.347	.86800	2140.0	.1018-01	.1203-01	.1324-01	43.61	.4439	.3516	551.2	.3090-03
53	17.549	1.1200	2405.0	.6448-02	.7623-02	.8388-02	43.62	.2812	.3515	551.2	.1957-03
53	17.574	.28000	2408.0	.1063-01	.1256-01	.1382-01	43.75	.4650	.3497	548.3	.3225-03
53	17.574	.56000	2407.0	.2297-01	.2716-01	.2989-01	43.62	1.002	.3515	551.2	.6973-03
53	17.574	.86800	2406.0	.2179-01	.2577-01	.2835-01	43.61	.9503	.3516	551.3	.6615-03
53	19.845	1.5720	2410.0	.6954-02	.8222-02	.9046-02	43.62	.3033	.3515	551.2	.2111-03
53	22.000	.86800	2156.0	.1626-01	.1923-01	.2116-01	43.61	.7092	.3517	551.4	.4937-03
53	22.000	1.5720	2155.0	.1331-01	.1574-01	.1732-01	43.59	.5803	.3520	551.9	.4042-03
53	22.610	.14000-01	2036.0	.7597-01	.8983-01	.9884-01	43.61	3.314	.3516	551.3	.2306-02
53	22.640	.30800	2160.0	.5038-01	.5957-01	.6555-01	43.61	2.197	.3517	551.4	.1529-02
53	22.640	.86800	2159.0	.4785-01	.5659-01	.6227-01	43.58	2.086	.3521	552.1	.1453-02
53	22.640	1.2180	2158.0	.4477-01	.5295-01	.5826-01	43.57	1.951	.3522	552.3	.1359-02

OH105B 60-0 UPPER MID FUSELAGE (R3RN27)

UPPER MID FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
54	.0000	.0000	7.300	2.857	699.3	1538.	379.5	.1252	135.7	.7745-04	4168.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
54	.0000	.2191

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
54	9.7050	.67200	2088.0	.3593-01	.4244-01	.4667-01	54.18	1.947	.3482	550.8	.8950-03
54	9.7170	1.7090	2089.0	.7708-02	.9104-02	.1001-01	54.20	.4178	.3479	550.3	.1920-03
54	10.806	.86700	2103.0	.8984-02	.1061-01	.1167-01	54.16	.4866	.3485	551.2	.2238-03
54	10.806	1.6380	2102.0	.2996-01	.3538-01	.3890-01	54.22	1.624	.3477	550.1	.7461-03
54	13.077	.86800	2125.0	.2818-02	.3328-02	.3659-02	54.26	.1529	.3473	549.4	.7018-04
54	13.077	1.6840	2122.0	.1488-01	.1758-01	.1933-01	54.23	.8071	.3476	549.8	.3707-03
54	13.107	.56000	2126.0	.7773-02	.9179-02	.1009-01	54.25	.4217	.3474	549.5	.1936-03
54	15.347	.86800	2140.0	.1340-01	.1582-01	.1739-01	54.27	.7270	.3472	549.1	.3338-03
54	17.549	1.1200	2405.0	.1395-01	.1648-01	.1812-01	54.25	.7571	.3473	549.4	.3475-03
54	17.574	.28000	2408.0	.1797-01	.2122-01	.2333-01	54.28	.9753	.3470	548.9	.4474-03
54	17.574	.56000	2407.0	.2397-01	.2831-01	.3113-01	54.25	1.301	.3474	549.5	.5971-03
54	17.574	.86800	2406.0	.1878-01	.2218-01	.2439-01	54.24	1.019	.3475	549.7	.4677-03
54	19.845	1.5720	2410.0	.1054-01	.1245-01	.1368-01	54.22	.5714	.3477	550.0	.2625-03
54	22.000	.86800	2156.0	.2296-01	.2712-01	.2982-01	54.18	1.244	.3482	550.8	.5719-03
54	22.000	1.5720	2155.0	.2584-01	.3053-01	.3357-01	54.13	1.399	.3487	551.6	.6437-03
54	22.610	.14000-01	2036.0	.8141-01	.9618-01	.1058	54.14	4.408	.3487	551.5	.2028-02
54	22.640	.30800	2160.0	.6002-01	.7091-01	.7798-01	54.12	3.248	.3488	551.8	.1495-02
54	22.640	.86800	2159.0	.6114-01	.7223-01	.7943-01	54.14	3.310	.3487	551.5	.1523-02
54	22.640	1.2180	2158.0	.5748-01	.6791-01	.7468-01	54.13	3.111	.3488	551.7	.1432-02

OH105B 60-0 UPPER MID FUSELAGE (R3RN28)

UPPER MID FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPOBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
55	.0000	.0000	7.300	3.530	858.9	1533.	378.1	.1539	135.2	.9553-04	4160.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
55	.0000	.2428

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
55	9.7050	.67200	2088.0	.3671-01	.4341-01	.4776-01	59.51	2.185	.3514	553.7	.8238-03
55	9.7170	1.7090	2089.0	.7512-02	.8879-02	.9769-02	59.56	.4474	.3508	552.9	.1685-03
55	10.806	.86700	2103.0	.8743-02	.1034-01	.1137-01	59.51	.5203	.3513	553.6	.1962-03
55	10.806	1.6380	2102.0	.3087-01	.3649-01	.4015-01	59.53	1.838	.3511	553.2	.6925-03
55	13.077	.86800	2125.0	.2829-02	.3344-02	.3679-02	59.59	.1686	.3505	552.3	.6346-04
55	13.077	1.6840	2122.0	.1499-01	.1772-01	.1950-01	59.54	.8926	.3510	553.1	.3364-03
55	13.107	.56000	2126.0	.8321-02	.9836-02	.1082-01	59.59	.4959	.3505	552.2	.1867-03
55	15.347	.86800	2140.0	.1447-01	.1711-01	.1882-01	59.59	.8624	.3505	552.3	.3247-03
55	17.549	1.1200	2405.0	.1472-01	.1739-01	.1914-01	59.58	.8767	.3506	552.5	.3301-03
55	17.574	.28000	2408.0	.2241-01	.2647-01	.2911-01	59.80	1.340	.3483	548.9	.5024-03
55	17.574	.56000	2407.0	.2465-01	.2914-01	.3206-01	59.59	1.469	.3505	552.3	.5530-03
55	17.574	.86800	2406.0	.1760-01	.2081-01	.2289-01	59.57	1.049	.3507	552.7	.3949-03
55	19.845	1.5720	2410.0	.1211-01	.1432-01	.1576-01	59.53	.7211	.3511	553.3	.2718-03
55	22.000	.86800	2156.0	.2210-01	.2613-01	.2875-01	59.51	1.315	.3513	553.6	.4958-03
55	22.000	1.5720	2155.0	.3093-01	.3658-01	.4025-01	59.45	1.839	.3519	554.6	.6942-03
55	22.610	.14000-01	2036.0	.8691-01	.1027	.1130	59.51	5.172	.3513	553.7	.1950-02
55	22.640	.30800	2160.0	.6478-01	.7659-01	.8427-01	59.50	3.855	.3514	553.7	.1454-02
55	22.640	.86800	2159.0	.6738-01	.7968-01	.8768-01	59.43	4.005	.3521	554.9	.1512-02
55	22.640	1.2180	2158.0	.6288-01	.7436-01	.8183-01	59.41	3.735	.3524	555.3	.1411-02

OH105B 60-O UPPER MID FUSELAGE (R3RN29)

UPPER MID FUSE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
57	10.00	.0000	7.300	1.046	232.2	1452.	356.8	.4182-01	127.6	.2751-04	4041.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
57	.0000	.1259

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
57	9.7050	.67200	2088.0	.2118-01	.2518-01	.2780-01	28.28	.5991	.3699	550.0	.8854-03
57	9.7170	1.7090	2089.0	.7481-02	.8891-02	.9816-02	28.31	.2118	.3695	549.4	.3127-03
57	10.806	.86700	2103.0	.5019-02	.5966-02	.6588-02	28.28	.1420	.3699	550.1	.2098-03
57	10.806	1.6380	2102.0	.1709-01	.2031-01	.2242-01	28.31	.4837	.3694	549.3	.7142-03
57	13.077	.86800	2125.0	.3947-02	.4690-02	.5177-02	28.34	.1118	.3688	548.4	.1650-03
57	13.077	1.6840	2122.0	.4784-02	.5686-02	.6277-02	28.32	.1355	.3692	549.0	.2000-03
57	13.107	.56000	2126.0	.4273-02	.5077-02	.5605-02	28.34	.1211	.3687	548.3	.1786-03
57	15.347	.86800	2140.0	.2662-02	.3163-02	.3491-02	28.35	.7545-01	.3686	548.1	.1112-03
57	17.549	1.1200	2405.0	.1027-02	.1221-02	.1348-02	28.33	.2910-01	.3689	548.5	.4293-04
57	17.574	.28000	2408.0	.1973-02	.2344-02	.2588-02	28.32	.5587-01	.3691	548.9	.8245-04
57	17.574	.56000	2407.0	.3095-02	.3677-02	.4059-02	28.34	.8769-01	.3688	548.4	.1293-03
57	17.574	.86800	2406.0	.2059-02	.2447-02	.2701-02	28.33	.5833-01	.3690	548.7	.8605-04
57	19.845	1.5720	2410.0	.5633-03	.6695-03	.7391-03	28.32	.1595-01	.3692	549.0	.2355-04
57	22.000	.86800	2156.0	.2276-02	.2705-02	.2987-02	28.30	.6440-01	.3696	549.7	.9514-04
57	22.000	1.5720	2155.0	.8330-03	.9903-03	.1093-02	28.27	.2355-01	.3702	550.5	.3483-04
57	22.610	.14000-01	2036.0	.1033-01	.1228-01	.1356-01	28.27	.2920	.3702	550.5	.4318-03
57	22.640	.30800	2160.0	.5523-02	.6566-02	.7250-02	28.27	.1561	.3702	550.5	.2309-03
57	22.640	.86800	2159.0	.9078-03	.1079-02	.1192-02	28.26	.2566-01	.3703	550.7	.3795-04
57	22.640	1.2180	2158.0	.1975-02	.2348-02	.2593-02	28.26	.5581-01	.3704	550.9	.8257-04

UPPER MID FUSE

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
56	10.00	.0000	7.300	1.934	463.8	1520.	374.7	.8316-01	134.0	.5210-04	4141.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
56	.0000	.1783

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
56	9.7050	.67200	2088.0	.2075-01	.2461-01	.2713-01	42.53	.8823	.3628	566.6	.6315-03
56	9.7170	1.7090	2089.0	.8569-02	.1016-01	.1120-01	42.56	.3647	.3624	565.9	.2608-03
56	10.806	.86700	2103.0	.5395-02	.6400-02	.7057-02	42.51	.2293	.3631	567.0	.1642-03
56	10.806	1.6380	2102.0	.2114-01	.2507-01	.2764-01	42.58	.8999	.3622	565.6	.6433-03
56	13.077	.86800	2125.0	.3489-02	.4137-02	.4560-02	42.63	.1487	.3614	564.5	.1062-03
56	13.077	1.6840	2122.0	.7713-02	.9146-02	.1008-01	42.60	.3286	.3618	565.0	.2347-03
56	13.107	.56000	2126.0	.4803-02	.5695-02	.6278-02	42.63	.2047	.3615	564.5	.1462-03
56	15.347	.86800	2140.0	.1992-02	.2361-02	.2603-02	42.67	.8498-01	.3609	563.6	.6060-04
56	17.549	1.1200	2405.0	.2255-02	.2673-02	.2946-02	42.67	.9621-01	.3608	563.5	.6860-04
56	17.574	.28000	2408.0	.3519-02	.4166-02	.4587-02	43.01	.1514	.3559	555.9	.1070-03
56	17.574	.56000	2407.0	.2520-02	.2988-02	.3293-02	42.68	.1076	.3607	563.4	.7668-04
56	17.574	.86800	2406.0	.1803-02	.2138-02	.2356-02	42.66	.7694-01	.3609	563.7	.5487-04
56	19.845	1.5720	2410.0	.1661-02	.1969-02	.2170-02	42.67	.7087-01	.3609	563.6	.5054-04
56	22.000	.86800	2156.0	.5173-02	.6133-02	.6760-02	42.65	.2206	.3611	563.9	.1574-03
56	22.000	1.5720	2155.0	.3362-02	.3987-02	.4395-02	42.62	.1433	.3616	564.7	.1023-03
56	22.610	.14000-01	2036.0	.1556-01	.1845-01	.2034-01	42.63	.6633	.3614	564.4	.4735-03
56	22.640	.30800	2160.0	.1075-01	.1274-01	.1405-01	42.63	.4582	.3615	564.5	.3271-03
56	22.640	.86800	2159.0	.4397-02	.5214-02	.5747-02	42.62	.1874	.3615	564.5	.1338-03
56	22.640	1.2180	2158.0	.3548-02	.4206-02	.4637-02	42.62	.1512	.3615	564.6	.1080-03

OH105B 60-0 UPPER MID FUSELAGE (R3RN31)

UPPER MID FUSE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
58	15.00	.0000	7.300	1.045	238.9	1478.	363.7	.4296-01	130.0	.2773-04	4080.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
58	.0000	.1278

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
58	9.7050	.67200	2088.0	.1695-01	.2009-01	.2214-01	29.74	.5041	.3599	545.5	.7051-03
58	9.7170	1.7090	2089.0	.1456-01	.1726-01	.1902-01	29.75	.4333	.3597	545.2	.6060-03
58	10.806	.86700	2103.0	.5210-02	.6175-02	.6805-02	29.74	.1549	.3600	545.7	.2168-03
58	10.806	1.6380	2102.0	.2865-02	.3396-02	.3742-02	29.76	.8528-01	.3595	544.9	.1192-03
58	13.077	.86800	2125.0	.2046-02	.2424-02	.2671-02	29.78	.6092-01	.3591	544.2	.8509-04
58	13.077	1.6840	2122.0	.3428-02	.4063-02	.4477-02	29.76	.1020	.3595	544.8	.1426-03
58	13.107	.56000	2126.0	.2861-02	.3389-02	.3735-02	29.79	.8522-01	.3589	544.0	.1190-03
58	15.347	.86800	2140.0	.2370-02	.2807-02	.3093-02	29.79	.7059-01	.3589	544.0	.9856-04
58	17.549	1.1200	2405.0	.1311-02	.1554-02	.1712-02	29.78	.3905-01	.3591	544.3	.5454-04
58	17.574	.28000	2408.0	.7003-02	.8299-02	.9145-02	29.76	.2084	.3596	545.0	.2914-03
58	17.574	.56000	2407.0	.7058-02	.8363-02	.9215-02	29.79	.2102	.3590	544.2	.2936-03
58	17.574	.86800	2406.0	.3434-02	.4069-02	.4483-02	29.78	.1022	.3592	544.4	.1428-03
58	19.845	1.5720	2410.0	.2109-02	.2499-02	.2754-02	29.76	.6275-01	.3596	545.0	.8773-04
58	22.000	.86800	2156.0	.1850-02	.2192-02	.2416-02	29.74	.5501-01	.3599	545.6	.7696-04
58	22.000	1.5720	2155.0	.3989-02	.4729-02	.5212-02	29.70	.1185	.3609	546.9	.1660-03
58	22.610	.14000-01	2036.0	.2020-01	.2395-01	.2639-01	29.71	.6003	.3605	546.4	.8406-03
58	22.640	.30800	2160.0	.1372-01	.1626-01	.1792-01	29.72	.4077	.3604	546.3	.5709-03
58	22.640	.86800	2159.0	.4904-02	.5813-02	.6407-02	29.70	.1457	.3607	546.8	.2041-03
58	22.640	1.2180	2158.0	.4065-02	.4819-02	.5311-02	29.70	.1207	.3608	546.8	.1692-03

UPPER MID FUSE

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
59	15.00	.0000	7.300	1.949	465.7	1517.	373.9	.8352-01	133.7	.5244-04	4137.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
59	.0000	.1787

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
59	9.7050	.67200	2088.0	.1937-01	.2290-01	.2521-01	43.22	.8369	.3528	549.8	.5862-03
59	9.7170	1.7090	2089.0	.1228-01	.1453-01	.1599-01	43.25	.5313	.3524	549.1	.3718-03
59	10.806	.86700	2103.0	.4970-02	.5879-02	.6470-02	43.22	.2148	.3528	549.7	.1505-03
59	10.806	1.6380	2102.0	.3404-02	.4025-02	.4430-02	43.24	.1472	.3524	549.2	.1030-03
59	13.077	.86800	2125.0	.1417-02	.1676-02	.1844-02	43.27	.6133-01	.3520	548.5	.4290-04
59	13.077	1.6840	2122.0	.3221-02	.3809-02	.4192-02	43.25	.1393	.3523	549.0	.9749-04
59	13.107	.56000	2126.0	.2629-02	.3109-02	.3421-02	43.28	.1138	.3519	548.4	.7957-04
59	15.347	.86800	2140.0	.2902-02	.3431-02	.3776-02	43.28	.1256	.3519	548.3	.8782-04
59	17.549	1.1200	2405.0	.9897-03	.1170-02	.1288-02	43.28	.4284-01	.3519	548.3	.2995-04
59	17.574	.28000	2408.0	.8460-02	.9998-02	.1100-01	43.40	.3672	.3501	545.6	.2559-03
59	17.574	.56000	2407.0	.8426-02	.9964-02	.1096-01	43.29	.3647	.3518	548.2	.2550-03
59	17.574	.86800	2406.0	.4169-02	.4929-02	.5424-02	43.28	.1804	.3519	548.4	.1262-03
59	19.845	1.5720	2410.0	.1646-02	.1946-02	.2142-02	43.28	.7123-01	.3520	548.4	.4981-04
59	22.000	.86800	2156.0	.8330-03	.9851-03	.1084-02	43.26	.3604-01	.3521	548.7	.2521-04
59	22.000	1.5720	2155.0	.1770-02	.2093-02	.2303-02	43.23	.7649-01	.3527	549.5	.5356-04
59	22.610	.14000-01	2036.0	.2445-01	.2891-01	.3181-01	43.27	1.058	.3521	548.7	.7399-03
59	22.640	.30800	2160.0	.1298-01	.1535-01	.1689-01	43.27	.5616	.3521	548.7	.3928-03
59	22.640	.86800	2159.0	.4421-02	.5229-02	.5754-02	43.24	.1912	.3525	549.3	.1338-03
59	22.640	1.2180	2158.0	.4419-02	.5226-02	.5752-02	43.22	.1910	.3527	549.6	.1338-03

OH105B 60-O UPPER MID FUSELAGE (R3RN33)

UPPER MID FUSE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
114	20.00	.0000	7.300	.9606	236.2	1542.	380.6	.4229-01	136.1	.2608-04	4174.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
114	.0000	.1274

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
114	9.7050	.67200	2088.0	.8991-02	.1060-01	.1164-01	31.95	.2873	.3408	540.6	.3854-03
114	9.7170	1.7090	2089.0	.1311-01	.1545-01	.1696-01	31.97	.4190	.3405	540.1	.5618-03
114	10.806	.86700	2103.0	.1398-02	.1648-02	.1810-02	31.96	.4467-01	.3407	540.4	.5992-04
114	10.806	1.6380	2102.0	.3758-02	.4429-02	.4864-02	31.96	.1201	.3406	540.3	.1611-03
114	13.077	.86800	2125.0	.1086-02	.1280-02	.1406-02	31.98	.3473-01	.3403	530.7	.4656-04
114	13.077	1.6840	2122.0	.2860-02	.3372-02	.3703-02	31.96	.9143-01	.3406	540.2	.1226-03
114	13.107	.56000	2126.0	.3157-02	.3721-02	.4086-02	31.98	.1010	.3402	539.6	.1353-03
114	15.347	.86800	2140.0	.2850-02	.3359-02	.3689-02	31.97	.9112-01	.3404	540.0	.1222-03
114	17.549	1.1200	2405.0	.1740-02	.2051-02	.2253-02	31.97	.5564-01	.3404	540.0	.7461-04
114	17.574	.28000	2408.0	.7297-02	.8601-02	.9444-02	31.97	.2333	.3404	540.0	.3128-03
114	17.574	.56000	2407.0	.6767-02	.7976-02	.8759-02	31.97	.2164	.3404	539.9	.2901-03
114	17.574	.86800	2406.0	.2869-02	.3381-02	.3712-02	31.97	.9168-01	.3405	540.1	.1229-03
114	19.845	1.5720	2410.0	.4882-02	.5755-02	.6320-02	31.96	.1560	.3407	540.4	.2093-03
114	22.000	.86800	2156.0	.2742-02	.3232-02	.3550-02	31.96	.8764-01	.3407	540.4	.1176-03
114	22.000	1.5720	2155.0	.4869-02	.5740-02	.6305-02	31.93	.1555	.3412	541.2	.2088-03
114	22.610	.14000-01	2036.0	.6297-02	.7422-02	.8151-02	31.98	.2014	.3403	539.8	.2699-03
114	22.640	.30800	2160.0	.3833-02	.4518-02	.4962-02	31.98	.1226	.3403	539.9	.1643-03
114	22.640	.86800	2159.0	.3733-02	.4401-02	.4833-02	31.95	.1193	.3409	540.7	.1601-03
114	22.640	1.2180	2158.0	.4690-02	.5529-02	.6072-02	31.94	.1498	.3411	541.0	.2011-03

UPPER MID FUSE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
115	20.00	.0000	7.300	2.008	470.6	1499.	369.3	.8451-01	132.0	.5372-04	4111.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
115	.0000	.1795

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
115	9.7050	.67200	2088.0	.1081-01	.1280-01	.1409-01	42.76	.4624	.3548	546.1	.3233-03
115	9.7170	1.7090	2089.0	.1400-01	.1657-01	.1824-01	42.77	.5989	.3546	545.8	.4185-03
115	10.806	.86700	2103.0	.2140-02	.2532-02	.2788-02	42.75	.9146-01	.3550	546.4	.6396-04
115	10.806	1.6380	2102.0	.3298-02	.3903-02	.4297-02	42.79	.1411	.3544	545.5	.9859-04
115	13.077	.86800	2125.0	.1249-02	.1478-02	.1626-02	42.84	.5350-01	.3537	544.3	.3732-04
115	13.077	1.6840	2122.0	.2957-02	.3498-02	.3851-02	42.82	.1266	.3540	544.8	.8837-04
115	13.107	.56000	2126.0	.4981-02	.5893-02	.6486-02	42.84	.2134	.3537	544.3	.1489-03
115	15.347	.86800	2140.0	.3248-02	.3843-02	.4229-02	42.87	.1392	.3533	543.7	.9707-04
115	17.549	1.1200	2405.0	.3224-02	.3813-02	.4197-02	42.86	.1382	.3533	543.8	.9633-04
115	17.574	.56000	2407.0	.6902-02	.8165-02	.8987-02	42.86	.2959	.3533	543.8	.2063-03
115	17.574	.86800	2406.0	.2511-02	.2971-02	.3270-02	42.85	.1076	.3535	544.0	.7505-04
115	19.845	1.5720	2410.0	.3424-02	.4051-02	.4459-02	42.85	.1467	.3535	544.1	.1023-03
115	22.000	.86800	2156.0	.2107-02	.2493-02	.2744-02	42.83	.9024-01	.3538	544.6	.6297-04
115	22.000	1.5720	2155.0	.4282-02	.5069-02	.5581-02	42.72	.1829	.3554	547.0	.1280-03
115	22.610	.14000-01	2036.0	.3954-02	.4679-02	.5151-02	42.79	.1692	.3544	545.4	.1182-03
115	22.640	.30800	2160.0	.4755-02	.5627-02	.6194-02	42.79	.2035	.3544	545.4	.1421-03
115	22.640	.86800	2159.0	.6340-02	.7501-02	.8258-02	42.80	.2713	.3542	545.2	.1895-03
115	22.640	1.2180	2158.0	.5986-02	.7083-02	.7798-02	42.80	.2562	.3542	545.2	.1789-03

OH105B 60-0 UPPER MID FUSELAGE (R3RN35)

UPPER MID FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
109	.0000	.0000	7.300	.9796	235.5	1522.	375.3	.4222-01	134.2	.2641-04	4144.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
109	.0000	.1271

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
109	9.7050	.67200	2088.0	.3557-01	.4220-01	.4654-01	30.30	1.078	.3639	569.1	.1521-02
109	9.7170	1.7090	2089.0	.9005-02	.1068-01	.1178-01	30.33	.2731	.3633	568.3	.3851-03
109	10.806	.86700	2103.0	.1002-01	.1189-01	.1312-01	30.28	.3035	.3643	569.7	.4287-03
109	10.806	1.6380	2102.0	.2981-01	.3536-01	.3899-01	30.34	.9043	.3631	567.8	.1275-02
109	13.077	.86800	2125.0	.3271-02	.3879-02	.4277-02	30.39	.9941-01	.3621	566.3	.1399-03
109	13.077	1.6840	2122.0	.1774-01	.2104-01	.2320-01	30.38	.5390	.3623	566.6	.7586-03
109	13.107	.56000	2126.0	.4409-02	.5228-02	.5764-02	30.39	.1340	.3620	566.3	.1885-03
109	15.347	.86800	2140.0	.3131-02	.3712-02	.4092-02	30.45	.9534-01	.3609	564.5	.1339-03
109	17.549	1.1200	2405.0	.3555-02	.4214-02	.4645-02	30.45	.1082	.3609	564.4	.1519-03
109	17.574	.56000	2407.0	.2249-01	.2666-01	.2938-01	30.45	.6848	.3608	564.3	.9610-03
109	17.574	.86800	2406.0	.1194-01	.1415-01	.1560-01	30.44	.3634	.3610	564.5	.5101-03
109	19.845	1.5720	2410.0	.4675-02	.5541-02	.6108-02	30.46	.1424	.3607	564.2	.1998-03
109	22.000	.86800	2156.0	.1028-01	.1218-01	.1343-01	30.46	.3130	.3607	564.1	.4392-03
109	22.000	1.5720	2155.0	.1182-01	.1401-01	.1545-01	30.42	.3595	.3615	565.3	.5052-03
109	22.610	.14000-01	2036.0	.7093-01	.8410-01	.9270-01	30.43	2.158	.3614	565.2	.3032-02
109	22.640	.30800	2160.0	.5029-01	.5962-01	.6573-01	30.43	1.530	.3613	565.1	.2150-02
109	22.640	.86800	2159.0	.2220-01	.2632-01	.2902-01	30.44	.6758	.3611	564.8	.9491-03
109	22.640	1.2180	2158.0	.2034-01	.2412-01	.2659-01	30.44	.6192	.3611	564.7	.8695-03

OH105B 60-0 UPPER MID FUSELAGE (R3RN36)

UPPER MID FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BOFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
110	.0000	.0000	7.300	1.976	465.5	1504.	370.5	.8355-01	132.5	.5294-04	4118.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
110	.0000	.1786

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
110	9.7050	.67200	2088.0	.3445-01	.4079-01	.4492-01	42.56	1.466	.3564	550.3	.1038-02
110	9.7170	1.7090	2089.0	.5568-02	.6591-02	.7258-02	42.61	.2373	.3556	549.1	.1677-03
110	10.806	.86700	2103.0	.8212-02	.9722-02	.1071-01	42.56	.3495	.3564	550.3	.2474-03
110	10.806	1.6380	2102.0	.2889-01	.3420-01	.3766-01	42.60	1.231	.3558	549.4	.8704-03
110	13.077	.86800	2125.0	.2577-02	.3050-02	.3359-02	42.63	.1099	.3554	548.8	.7763-04
110	13.077	1.6840	2122.0	.1537-01	.1820-01	.2004-01	42.61	.6550	.3556	549.1	.4631-03
110	13.107	.56000	2126.0	.5868-02	.6946-02	.7648-02	42.62	.2501	.3555	548.9	.1768-03
110	15.347	.86800	2140.0	.7634-02	.9036-02	.9949-02	42.63	.3254	.3554	548.8	.2300-03
110	17.549	1.1200	2405.0	.6052-02	.7164-02	.7890-02	42.59	.2577	.3560	549.7	.1823-03
110	17.574	.56000	2407.0	.2415-01	.2859-01	.3148-01	42.59	1.029	.3559	549.5	.7275-03
110	17.574	.86800	2406.0	.2100-01	.2487-01	.2738-01	42.58	.8944	.3561	549.8	.6328-03
110	19.845	1.5720	2410.0	.7798-02	.9222-02	.1016-01	42.53	.3312	.3568	551.0	.2347-03
110	22.000	.86800	2156.0	.1743-01	.2065-01	.2274-01	42.46	.7401	.3578	552.6	.5254-03
110	22.000	1.5720	2155.0	.1518-01	.1798-01	.1981-01	42.39	.6435	.3588	554.1	.4576-03
110	22.610	.14000-01	2036.0	.7966-01	.9437-01	.1040	42.42	3.379	.3584	553.5	.2401-02
110	22.640	.30800	2160.0	.5519-01	.6538-01	.7203-01	42.43	2.342	.3583	553.3	.1664-02
110	22.640	.86800	2159.0	.4853-01	.5750-01	.6335-01	42.39	2.057	.3588	554.1	.1463-02
110	22.640	1.2180	2158.0	.4558-01	.5400-01	.5950-01	42.39	1.932	.3589	554.2	.1374-02

OH105B 60-0 UPPER MID FUSELAGE (R3RN37)

UPPER MID FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
111	.0000	.0000	7.300	2.913	699.1	1521.	374.9	.1253	134.0	.7848-04	4142.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
111	.0000	.2189

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
111	9.7050	.67200	2088.0	.3486-01	.4121-01	.4535-01	53.20	1.854	.3516	549.2	.8624-03
111	9.7170	1.7090	2089.0	.7715-02	.9121-02	.1004-01	53.22	.4106	.3513	548.9	.1909-03
111	10.806	.86700	2103.0	.8458-02	.1000-01	.1100-01	53.18	.4498	.3518	549.6	.2093-03
111	10.806	1.6380	2102.0	.2916-01	.3447-01	.3793-01	53.23	1.552	.3512	548.7	.7214-03
111	13.077	.86800	2125.0	.2314-02	.2735-02	.3009-02	53.28	.1233	.3506	547.8	.5723-04
111	13.077	1.6840	2122.0	.1516-01	.1792-01	.1972-01	53.25	.8073	.3510	548.4	.3751-03
111	13.107	.56000	2126.0	.6774-02	.8007-02	.8809-02	53.28	.3609	.3507	547.8	.1676-03
111	13.107	1.1280	2124.0	.8874-04	.1049-03	.1154-03	53.26	.4726-02	.3508	548.1	.2195-05
111	15.347	.86800	2140.0	.1178-01	.1392-01	.1531-01	53.28	.6275	.3506	547.8	.2913-03
111	17.549	1.1200	2405.0	.1220-01	.1442-01	.1587-01	53.26	.6497	.3509	548.2	.3018-03
111	17.574	.56000	2407.0	.2414-01	.2854-01	.3140-01	53.26	1.286	.3508	548.1	.5972-03
111	17.574	.86800	2406.0	.1913-01	.2262-01	.2488-01	53.25	1.019	.3510	548.4	.4733-03
111	19.845	1.5720	2410.0	.1093-01	.1293-01	.1422-01	53.22	.5818	.3514	549.0	.2705-03
111	22.000	.86800	2156.0	.2216-01	.2620-01	.2883-01	53.16	1.178	.3520	550.0	.5482-03
111	22.000	1.5720	2155.0	.2626-01	.3106-01	.3418-01	53.09	1.394	.3529	551.4	.6498-03
111	22.610	.14000-01	2036.0	.8095-01	.9574-01	.1054	53.12	4.301	.3524	550.6	.2003-02
111	22.640	.30800	2160.0	.6035-01	.7137-01	.7855-01	53.11	3.205	.3526	550.8	.1493-02
111	22.640	.86800	2159.0	.5962-01	.7052-01	.7761-01	53.08	3.164	.3530	551.5	.1475-02
111	22.640	1.2180	2158.0	.5571-01	.6590-01	.7252-01	53.09	2.958	.3529	551.3	.1379-02

OH105B 60-0 UPPER MID FUSELAGE (R3RN38)

UPPER MID FUSE

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
113	.0000	.0000	7.300	3.601	859.9	1516.	373.7	.1542	133.6	.9687-04	4136.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
113	.0000	.2428

TEST DATA

RUN NUMBER	XO MS	YO MS	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
113	9.7050	.67200	2088.0	.3611-01	.4271-01	.4700-01	58.69	2.119	.3530	549.8	.8041-03
113	9.7170	1.7090	2089.0	.7710-02	.9120-02	.1004-01	58.70	.4526	.3529	549.6	.1717-03
113	10.806	.86700	2103.0	.8497-02	.1005-01	.1106-01	58.67	.4985	.3531	550.1	.1892-03
113	10.806	1.6380	2102.0	.3022-01	.3574-01	.3933-01	58.70	1.774	.3529	549.6	.6729-03
113	13.077	.86800	2125.0	.2544-02	.3008-02	.3310-02	58.77	.1495	.3522	548.5	.5664-04
113	13.077	1.6840	2122.0	.1496-01	.1770-01	.1948-01	58.71	.8785	.3527	549.4	.3332-03
113	13.107	.56000	2126.0	.7088-02	.8382-02	.9223-02	58.76	.4165	.3522	548.6	.1578-03
113	13.107	1.1280	2124.0	.5363-04	.6342-04	.6980-04	58.73	.3150-02	.3525	549.0	.1194-05
113	15.347	.86800	2140.0	.1309-01	.1548-01	.1703-01	58.75	.7690	.3523	548.7	.2914-03
113	17.549	1.1200	2405.0	.1290-01	.1525-01	.1679-01	58.71	.7572	.3527	549.4	.2872-03
113	17.574	.56000	2407.0	.2450-01	.2898-01	.3189-01	58.73	1.439	.3526	549.1	.5456-03
113	17.574	.86800	2406.0	.1768-01	.2091-01	.2301-01	58.71	1.038	.3528	549.5	.3937-03
113	19.845	1.5720	2410.0	.1357-01	.1605-01	.1767-01	58.66	.7960	.3532	550.2	.3022-03
113	22.000	.86800	2156.0	.2250-01	.2662-01	.2930-01	58.63	1.319	.3536	550.8	.5012-03
113	22.000	1.5720	2155.0	.3074-01	.3637-01	.4004-01	58.57	1.800	.3543	551.8	.6847-03
113	22.610	.14000-01	2036.0	.8848-01	.1047	.1152	58.58	5.183	.3541	551.6	.1971-02
113	22.640	.30800	2160.0	.6685-01	.7910-01	.8708-01	58.57	3.915	.3543	551.8	.1489-02
113	22.640	.86800	2159.0	.6600-01	.7810-01	.8598-01	58.54	3.864	.3545	552.2	.1470-02
113	22.640	1.2180	2158.0	.6247-01	.7392-01	.8138-01	58.55	3.657	.3545	552.2	.1392-02

OH105B 60-0 UPPER RH WING (R3R025)

UPPER RH WING

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
81	.0000	.0000	7.300	.9772	235.2	1523.	375.6	.4217-01	134.3	.2635-04	4146.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
81	.0000	.1270

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
81	24.036	.50000	460.00	.1212-02	.1433-02	.1577-02	30.87	.3740-01	.3526	551.9	.5176-04
81	24.036	.55000	461.00	.4364-02	.5161-02	.5680-02	30.86	.1346	.3528	552.2	.1864-03
81	24.036	.60000	462.00	.5036-02	.5958-02	.6558-02	30.80	.1551	.3540	554.1	.2151-03
81	24.036	.65000	463.00	.8316-02	.9838-02	.1083-01	30.81	.2563	.3536	553.5	.3553-03
81	24.036	.70000	464.00	.1239-01	.1466-01	.1614-01	30.79	.3814	.3542	554.3	.5293-03
81	24.036	.72500	465.00	.1286-01	.1522-01	.1675-01	30.78	.3959	.3543	554.6	.5495-03
81	24.036	.75000	466.00	.9383-02	.1110-01	.1222-01	30.75	.2886	.3548	555.4	.4009-03
81	24.036	.77500	467.00	.6362-02	.7530-02	.8290-02	30.74	.1956	.3551	555.7	.2719-03
81	24.036	.80000	468.00	.8059-02	.9539-02	.1050-01	30.73	.2476	.3554	556.3	.3444-03
81	24.036	.82500	469.00	.8773-02	.1038-01	.1143-01	30.77	.2699	.3546	555.0	.3749-03
81	24.036	.85000	470.00	.1162-01	.1376-01	.1515-01	30.72	.3571	.3555	556.4	.4967-03
81	24.036	.87500	471.00	.1598-01	.1892-01	.2083-01	30.70	.4906	.3559	557.1	.6831-03
81	24.036	.92500	472.00	.2063-01	.2442-01	.2689-01	30.71	.6337	.3557	556.7	.8818-03
81	24.036	.95000	277.00	.2239-01	.2650-01	.2918-01	30.71	.6876	.3557	556.7	.9569-03
81	24.036	.97500	473.00	.3322-01	.3933-01	.4332-01	30.68	1.019	.3564	557.8	.1420-02

UPPER RH WING

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
82	.0000	.0000	7.300	1.925	465.9	1528.	376.9	.8350-01	134.7	.5200-04	4153.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
82	.0000	.1788

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
82	24.036	.50000	460.00	.1345-02	.1592-02	.1753-02	43.39	.5837-01	.3556	558.5	.4094-04
82	24.036	.55000	461.00	.5125-02	.6067-02	.6680-02	43.39	.2224	.3556	558.5	.1560-03
82	24.036	.60000	462.00	.4424-02	.5237-02	.5766-02	43.41	.1921	.3552	557.9	.1346-03
82	24.036	.65000	463.00	.9279-02	.1098-01	.1209-01	43.41	.4028	.3552	558.0	.2823-03
82	24.036	.70000	464.00	.1268-01	.1501-01	.1653-01	43.41	.5505	.3553	558.0	.3859-03
82	24.036	.72500	465.00	.1132-01	.1340-01	.1475-01	43.42	.4916	.3551	557.7	.3444-03
82	24.036	.75000	466.00	.6775-02	.8019-02	.8830-02	43.41	.2941	.3553	558.1	.2062-03
82	24.036	.77500	467.00	.6637-02	.7856-02	.8650-02	43.41	.2881	.3553	558.0	.2020-03
82	24.036	.80000	468.00	.9600-02	.1136-01	.1251-01	43.43	.4169	.3550	557.6	.2921-03
82	24.036	.82500	469.00	.8958-02	.1060-01	.1167-01	43.47	.3894	.3544	556.7	.2725-03
82	24.036	.85000	470.00	.1117-01	.1321-01	.1455-01	43.46	.4853	.3545	556.8	.3397-03
82	24.036	.87500	471.00	.1504-01	.1779-01	.1959-01	43.47	.6536	.3544	556.6	.4574-03
82	24.036	.92500	472.00	.1961-01	.2320-01	.2554-01	43.48	.8526	.3543	556.4	.5966-03
82	24.036	.95000	277.00	.2198-01	.2601-01	.2863-01	43.47	.9555	.3544	556.7	.6687-03
82	24.036	.97500	473.00	.3287-01	.3891-01	.4284-01	43.40	1.426	.3555	558.3	.1000-02

UPPER RH WING

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
83	.0000	.0000	7.300	2.957	699.0	1507.	371.4	.1255	132.8	.7930-04	4123.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
83	.0000	.2188

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
83	24.036	.50000	460.00	.1565-02	.1851-02	.2038-02	52.55	.8224-01	.3532	546.7	.3851-04
83	24.036	.55000	461.00	.4825-02	.5707-02	.6282-02	52.55	.2535	.3532	546.7	.1187-03
83	24.036	.60000	462.00	.3778-02	.4468-02	.4917-02	52.61	.1987	.3525	545.6	.9294-04
83	24.036	.65000	463.00	.8128-02	.9614-02	.1058-01	52.58	.4273	.3529	546.2	.2000-03
83	24.036	.70000	464.00	.1387-01	.1641-01	.1806-01	52.56	.7292	.3531	546.5	.3413-03
83	24.036	.72500	465.00	.1058-01	.1251-01	.1377-01	52.58	.5562	.3528	546.1	.2603-03
83	24.036	.75000	466.00	.6298-02	.7450-02	.8200-02	52.55	.3310	.3532	546.7	.1550-03
83	24.036	.77500	467.00	.7053-02	.8342-02	.9181-02	52.58	.3708	.3529	546.2	.1735-03
83	24.036	.80000	468.00	.1105-01	.1306-01	.1438-01	52.60	.5811	.3526	545.7	.2717-03
83	24.036	.82500	469.00	.1263-01	.1494-01	.1644-01	52.63	.6648	.3523	545.3	.3108-03
83	24.036	.85000	470.00	.1162-01	.1374-01	.1512-01	52.66	.6120	.3519	544.7	.2859-03
83	24.036	.87500	471.00	.1602-01	.1895-01	.2085-01	52.63	.8433	.3522	545.2	.3942-03
83	24.036	.92500	472.00	.1891-01	.2235-01	.2460-01	52.68	.9960	.3517	544.3	.4650-03
83	24.036	.95000	277.00	.2168-01	.2563-01	.2821-01	52.65	1.141	.3520	544.8	.5332-03
83	24.036	.97500	473.00	.3167-01	.3747-01	.4124-01	52.54	1.664	.3533	546.8	.7793-03

UPPER RH WING

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
84	.0000	.0000	7.300	3.640	863.2	1510.	372.1	.1549	133.0	.9771-04	4127.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
84	.0000	.2432

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
84	24.036	.50000	460.00	.2060-02	.2443-02	.2692-02	57.78	.1191	.3609	559.7	.4575-04
84	24.036	.55000	461.00	.5617-02	.6659-02	.7339-02	57.79	.3246	.3608	559.5	.1247-03
84	24.036	.60000	462.00	.2820-02	.3342-02	.3683-02	57.92	.1634	.3595	557.4	.6261-04
84	24.036	.65000	463.00	.9166-02	.1086-01	.1197-01	57.86	.5304	.3601	558.4	.2035-03
84	24.036	.70000	464.00	.1399-01	.1658-01	.1827-01	57.90	.8101	.3597	557.9	.3106-03
84	24.036	.72500	465.00	.1031-01	.1222-01	.1347-01	57.94	.5976	.3593	557.1	.2289-03
84	24.036	.75000	466.00	.5883-02	.6971-02	.7681-02	57.94	.3408	.3593	557.1	.1306-03
84	24.036	.77500	467.00	.8139-02	.9644-02	.1063-01	57.96	.4718	.3591	556.8	.1807-03
84	24.036	.80000	468.00	.1291-01	.1530-01	.1685-01	58.00	.7488	.3586	556.1	.2865-03
84	24.036	.82500	469.00	.9483-02	.1123-01	.1237-01	58.08	.5508	.3577	554.7	.2104-03
84	24.036	.85000	470.00	.1270-01	.1505-01	.1658-01	58.08	.7379	.3578	554.8	.2819-03
84	24.036	.87500	471.00	.1929-01	.2285-01	.2517-01	58.09	1.121	.3577	554.7	.4281-03
84	24.036	.92500	472.00	.1846-01	.2186-01	.2408-01	58.11	1.073	.3574	554.3	.4095-03
84	24.036	.95000	277.00	.2152-01	.2549-01	.2808-01	58.08	1.250	.3578	554.9	.4776-03
84	24.036	.97500	473.00	.3112-01	.3687-01	.4063-01	57.94	1.803	.3593	557.1	.6908-03

OH105B 60-0 UPPER RH WING (R3R029)

UPPER RH WING

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
80	10.00	.0000	7.300	.9926	235.4	1510.	372.0	.4223-01	133.0	.2665-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
80	.0000	.1270

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
80	24.036	.50000	460.00	.5217-03	.6176-03	.6801-03	30.41	.1586-01	.3560	552.1	.2216-04
80	24.036	.55000	461.00	.1563-02	.1850-02	.2037-02	30.42	.4753-01	.3560	551.9	.6637-04
80	24.036	.60000	462.00	.1734-03	.2052-03	.2259-03	30.46	.5282-02	.3551	550.6	.7364-05
80	24.036	.65000	463.00	.2565-02	.3036-02	.3343-02	30.45	.7809-01	.3554	551.0	.1089-03
80	24.036	.70000	464.00	.4030-02	.4769-02	.5251-02	30.45	.1227	.3552	550.8	.1711-03
80	24.036	.72500	465.00	.5610-02	.6639-02	.7309-02	30.48	.1710	.3547	550.0	.2382-03
80	24.036	.75000	466.00	.7291-02	.8629-02	.9500-02	30.47	.2221	.3549	550.3	.3096-03
80	24.036	.77500	467.00	.6848-02	.8103-02	.8921-02	30.48	.2087	.3546	549.8	.2908-03
80	24.036	.80000	468.00	.7547-02	.8929-02	.9830-02	30.51	.2302	.3541	549.1	.3204-03
80	24.036	.82500	469.00	.6973-02	.8252-02	.9085-02	30.48	.2126	.3546	549.8	.2961-03
80	24.036	.85000	470.00	.6641-02	.7856-02	.8648-02	30.52	.2027	.3537	548.5	.2819-03
80	24.036	.87500	471.00	.4885-02	.5778-02	.6360-02	30.54	.1492	.3535	548.1	.2074-03
80	24.036	.92500	472.00	.8310-02	.9830-02	.1082-01	30.56	.2540	.3530	547.4	.3528-03
80	24.036	.95000	277.00	.1169-01	.1383-01	.1522-01	30.56	.3572	.3531	547.5	.4962-03
80	24.036	.97500	473.00	.1491-01	.1764-01	.1942-01	30.53	.4554	.3536	548.2	.6331-03

OH105B 60-O UPPER RH WING (R3RO30)

UPPER RH WING

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
79	10.00	.0000	7.300	1.949	465.4	1516.	373.7	.8347-01	133.6	.5243-04	4135.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
79	.0000	.1786

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
79	24.036	.50000	460.00	.2749-03	.3250-03	.3576-03	43.28	.1190-01	.3512	546.9	.8319-05
79	24.036	.55000	461.00	.7845-03	.9274-03	.1020-02	43.29	.3396-01	.3512	546.9	.2374-04
79	24.036	.65000	463.00	.1763-02	.2084-02	.2293-02	43.30	.7634-01	.3510	546.6	.5334-04
79	24.036	.70000	464.00	.3691-02	.4363-02	.4800-02	43.31	.1598	.3509	546.4	.1117-03
79	24.036	.72500	465.00	.5538-02	.6546-02	.7202-02	43.31	.2398	.3509	546.4	.1675-03
79	24.036	.75000	466.00	.7122-02	.8419-02	.9263-02	43.28	.3082	.3513	547.0	.2155-03
79	24.036	.77500	467.00	.8064-02	.9533-02	.1049-01	43.30	.3492	.3510	546.6	.2440-03
79	24.036	.80000	468.00	.8559-02	.1012-01	.1113-01	43.30	.3706	.3510	546.5	.2590-03
79	24.036	.82500	469.00	.5326-02	.6295-02	.6924-02	43.37	.2310	.3500	545.0	.1611-03
79	24.036	.85000	470.00	.5958-02	.7054-02	.7760-02	43.33	.2586	.3505	545.8	.1806-03
79	24.036	.87500	471.00	.6120-02	.7234-02	.7959-02	43.32	.2651	.3507	546.1	.1852-03
79	24.036	.92500	472.00	.8512-02	.1006-01	.1107-01	43.33	.3688	.3505	545.9	.2575-03
79	24.036	.95000	277.00	.1132-01	.1338-01	.1472-01	43.31	.4901	.3508	546.3	.3424-03
79	24.036	.97500	473.00	.1811-01	.2141-01	.2356-01	43.23	.7828	.3520	548.2	.5480-03

OH105B 60-0 UPPER RH WING (R3R031)

UPPER RH WING

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
77	15.00	.0000	7.300	.9958	236.9	1513.	372.8	.4250-01	133.3	.2676-04	4131.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
77	.0000	.1274

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
77	24.036	.50000	460.00	.4057-03	.4798-03	.5281-03	30.73	.1247-01	.3529	548.3	.1719-04
77	24.036	.55000	461.00	.7432-03	.8790-03	.9674-03	30.73	.2284-01	.3528	548.1	.3148-04
77	24.036	.65000	463.00	.1871-02	.2212-02	.2434-02	30.76	.5753-01	.3524	547.5	.7924-04
77	24.036	.70000	464.00	.3159-02	.3736-02	.4111-02	30.77	.9721-01	.3521	547.0	.1338-03
77	24.036	.72500	465.00	.5173-02	.6117-02	.6731-02	30.78	.1592	.3519	546.7	.2191-03
77	24.036	.75000	466.00	.6687-02	.7907-02	.8701-02	30.77	.2057	.3521	547.0	.2832-03
7,	24.036	.77500	467.00	.6971-02	.8243-02	.9070-02	30.78	.2146	.3518	546.6	.2953-03
77	24.036	.80000	468.00	.6780-02	.8017-02	.8821-02	30.78	.2087	.3518	546.6	.2872-03
77	24.036	.82500	469.00	.3947-02	.4666-02	.5133-02	30.83	.1217	.3508	545.0	.1671-03
77	24.036	.85000	470.00	.4537-02	.5364-02	.5902-02	30.81	.1398	.3512	545.6	.1921-03
77	24.036	.87500	471.00	.5043-02	.5962-02	.6560-02	30.81	.1554	.3513	545.9	.2136-03
77	24.036	.92500	472.00	.5852-02	.6917-02	.7610-02	30.83	.1804	.3509	545.1	.2478-03
77	24.036	.95000	277.00	.6793-02	.8030-02	.8834-02	30.83	.2094	.3509	545.3	.2876-03
77	24.036	.97500	473.00	.6931-02	.8195-02	.9017-02	30.79	.2134	.3517	546.4	.2935-03

OH105B 60-0 UPPER RH WING (R3R032)

UPPER RH WING

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BOFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
78	15.00	.0000	7.300	1.967	465.7	1508.	371.6	.8356-01	132.9	.5278-04	4124.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
78	.0000	.1786

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
78	24.036	.50000	460.00	.5435-03	.6433-03	.7085-03	42.73	.2322-01	.3559	551.3	.1640-04
78	24.036	.55000	461.00	.1255-02	.1486-02	.1637-02	42.73	.5364-01	.3560	551.3	.3789-04
78	24.036	.65000	463.00	.1459-02	.1727-02	.1901-02	42.75	.6236-01	.3557	550.9	.4402-04
78	24.036	.70000	464.00	.2327-02	.2754-02	.3033-02	42.76	.9949-01	.3556	550.7	.7021-04
78	24.036	.72500	465 00	.4708-02	.5572-02	.6136-02	42.76	.2013	.3555	550.6	.1421-03
78	24.036	.75000	466.00	.7417-02	.8780-02	.9668-02	42.75	.3171	.3557	550.9	.2238-03
78	24.036	.77500	467.00	.7954-02	.9415-02	.1037-01	42.75	.3400	.3556	550.8	.2400-03
78	24.036	.80000	468.00	.6531-02	.7731-02	.8513-02	42.75	.2792	.3556	550.8	.1971-03
78	24.036	.82500	469.00	.2818-02	.3334-02	.3671-02	42.82	.1207	.3546	549.2	.8500-04
78	24.036	.85000	470.00	.3041-02	.3599-02	.3962-02	42.80	.1301	.3549	549.7	.9174-04
78	24.036	.87500	471.00	.1860-02	.2201-02	.2423-02	42.80	.7958-01	.3550	549.8	.5610-04
78	24.036	.92500	472.00	.8458-02	.1001-01	.1102-01	42.82	.3622	.3547	549.3	.2552-03
78	24.036	.95000	277.00	.8852-02	.1048-01	.1153-01	42.80	.3788	.3550	549.8	.2671-03
78	24.036	.97500	473.00	.1839-01	.2177-01	.2398-01	42.72	.7857	.3560	551.4	.5550-03

OH105B 60-0 UPPER RH WING (R3R033)

UPPER RH WING

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPOBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
121	20.00	.0000	7.300	1.006	235.4	1498.	369.0	.4228-01	131.9	.2690-04	4109.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
121	.0000	.1270

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
121	24.036	.50000	460.00	.4663-03	.5513-03	.6065-03	30.40	.1417-01	.3511	539.9	.1968-04
121	24.036	.55000	461.00	.4672-03	.5523-03	.6077-03	30.40	.1420-01	.3510	539.8	.1972-04
121	24.036	.65000	463.00	.1139-02	.1347-02	.1482-02	30.41	.3464-01	.3509	539.6	.4809-04
121	24.036	.70000	464.00	.1519-02	.1796-02	.1976-02	30.40	.4619-01	.3511	539.8	.6412-04
121	24.036	.72500	465.00	.4001-02	.4729-02	.5203-02	30.41	.1216	.3509	539.6	.1688-03
121	24.036	.75000	466.00	.6143-02	.7262-02	.7991-02	30.38	.1866	.3514	540.3	.2593-03
121	24.036	.77500	467.00	.6182-02	.7309-02	.8042-02	30.39	.1878	.3514	540.3	.2609-03
121	24.036	.80000	468.00	.6067-02	.7173-02	.7892-02	30.39	.1844	.3512	540.0	.2561-03
121	24.036	.82500	469.00	.6565-03	.7759-03	.8536-03	30.43	.1998-01	.3504	538.9	.2770-04
121	24.036	.85000	470.00	.1866-02	.2205-02	.2426-02	30.41	.5673-01	.3509	539.5	.7873-04
121	24.036	.87500	471.00	.1698-02	.2007-02	.2208-02	30.40	.5161-01	.3511	539.9	.7166-04
121	24.036	.92500	472.00	.4401-02	.5202-02	.5724-02	30.40	.1338	.3510	539.8	.1857-03
121	24.036	.95000	277.00	.3319-02	.3923-02	.4317-02	30.38	.1008	.3514	540.3	.1401-03
121	24.036	.97500	473.00	.6218-02	.7354-02	.8093-02	30.33	.1886	.3524	541.9	.2625-03

OH105B 60-O UPPER RH WING (R3R034)

UPPER RH WING

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
120	20.00	.0000	7.300	1.995	468.4	1501.	369.8	.8410-01	132.2	.5339-04	4114.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
120	.0000	.1791

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
120	24.036	.50000	460.00	.3566-03	.4216-03	.4639-03	42.93	.1531-01	.3518	542.2	.1069-04
120	24.036	.55000	461.00	.6186-03	.7314-03	.8048-03	42.93	.2655-01	.3519	542.3	.1854-04
120	24.036	.60000	462.00	.9156-03	.1082-02	.1191-02	42.96	.3933-01	.3514	541.6	.2744-04
120	24.036	.65000	463.00	.1901-02	.2247-02	.2472-02	42.95	.8163-01	.3515	541.7	.5695-04
120	24.036	.70000	464.00	.1896-02	.2242-02	.2466-02	42.95	.8142-01	.3516	541.8	.5681-04
120	24.036	.72500	465.00	.4502-02	.5322-02	.5856-02	42.95	.1934	.3515	541.7	.1349-03
120	24.036	.75000	466.00	.8100-02	.9577-02	.1054-01	42.94	.3478	.3516	541.9	.2427-03
120	24.036	.77500	467.00	.6883-02	.8138-02	.8955-02	42.95	.2956	.3515	541.8	.2063-03
120	24.036	.80000	468.00	.6809-02	.8050-02	.8856-02	42.98	.2926	.3511	541.1	.2040-03
120	24.036	.82500	469.00	.3523-02	.4164-02	.4580-02	43.02	.1516	.3504	540.1	.1055-03
120	24.036	.85000	470.00	.1990-02	.2353-02	.2588-02	43.01	.8561-01	.3506	540.3	.5963-04
120	24.036	.87500	471.00	.1200-02	.1419-02	.1561-02	43.02	.5163-01	.3504	540.1	.3596-04
120	24.036	.92500	472.00	.7179-02	.8486-02	.9335-02	43.02	.3089	.3505	540.1	.2151-03
120	24.036	.95000	277.00	.3513-02	.4153-02	.4569-02	42.99	.1510	.3509	540.8	.1053-03
120	24.036	.97500	473.00	.8132-02	.9616-02	.1058-01	42.90	.3489	.3522	542.8	.2437-03

OH105B 60-0 UPPER RH WING (R3R035)

UPPER RH WING

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
100	.0000	.0000	7.300	1.039	241.2	1491.	367.1	.4333-01	131.2	.2771-04	4099.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
100	.0000	.1285

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
100	24.036	.50000	460.00	.1865-02	.2207-02	.2430-02	30.41	.5670-01	.3552	543.4	.7759-04
100	24.036	.55000	461.00	.5244-02	.6207-02	.6834-02	30.40	.1594	.3553	543.5	.2182-03
100	24.036	.60000	462.00	.4036-02	.4776-02	.5259-02	30.42	.1228	.3548	542.8	.1679-03
100	24.036	.65000	463.00	.9142-02	.1082-01	.1191-01	30.42	.2781	.3548	542.8	.3803-03
100	24.036	.70000	464.00	.1206-01	.1427-01	.1572-01	30.43	.3671	.3546	542.5	.5018-03
100	24.036	.72500	465.00	.1015-01	.1201-01	.1322-01	30.45	.3090	.3543	542.1	.4221-03
100	24.036	.75000	466.00	.6997-02	.8279-02	.9114-02	30.45	.2131	.3543	542.0	.2911-03
100	24.036	.77500	467.00	.7401-02	.8756-02	.9639-02	30.46	.2254	.3541	541.8	.3078-03
100	24.036	.80000	468.00	.9061-02	.1072-01	.1180-01	30.47	.2761	.3538	541.3	.3769-03
100	24.036	.82500	469.00	.9499-02	.1124-01	.1237-01	30.50	.2897	.3532	540.4	.3950-03
100	24.036	.85000	470.00	.1187-01	.1404-01	.1546-01	30.49	.3620	.3534	540.7	.4937-03
100	24.036	.87500	471.00	.1435-01	.1697-01	.1868-01	30.48	.4374	.3536	541.0	.5968-03
100	24.036	.92500	472.00	.1983-01	.2346-01	.2583-01	30.48	.6046	.3536	540.9	.8249-03
100	24.036	.95000	277.00	.6450-02	.7631-02	.8400-02	30.47	.1965	.3538	541.3	.2683-03
100	24.036	.97500	473.00	.3263-01	.3861-01	.4251-01	30.42	.9926	.3548	542.8	.1357-02

UPPER RH WING

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
99	.0000	.0000	7.300	1.987	465.7	1500.	369.3	.8362-01	132.0	.5314-04	4111.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
99	.0000	.1786

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
99	24.036	.50000	460.00	.1839-02	.2176-02	.2395-02	42.57	.7826-01	.3545	545.7	.5525-04
99	24.036	.55000	461.00	.4895-02	.5792-02	.6376-02	42.56	.2083	.3545	545.7	.1471-03
99	24.036	.60000	462.00	.1945-02	.2301-02	.2533-02	42.59	.8283-01	.3541	545.0	.5843-04
99	24.036	.65000	463.00	.8703-02	.1030-01	.1134-01	42.59	.3707	.3541	545.0	.2615-03
99	24.036	.70000	464.00	.1217-01	.1440-01	.1585-01	42.61	.5185	.3539	544.8	.3657-03
99	24.036	.72500	465.00	.9950-02	.1177-01	.1296-01	42.61	.4240	.3538	544.6	.2990-03
99	24.036	.75000	466.00	.6620-02	.7833-02	.8622-02	42.62	.2821	.3538	544.6	.1989-03
99	24.036	.77500	467.00	.7656-02	.9058-02	.9970-02	42.62	.3263	.3536	544.4	.2300-03
99	24.036	.80000	468.00	.1045-01	.1236-01	.1361-01	42.64	.4456	.3534	544.0	.3140-03
99	24.036	.82500	469.00	.9077-02	.1074-01	.1182-01	42.68	.3874	.3529	543.2	.2727-03
99	24.036	.85000	470.00	.1160-01	.1372-01	.1510-01	42.67	.4949	.3529	543.3	.3484-03
99	24.036	.87500	471.00	.1666-01	.1971-01	.2169-01	42.64	.7105	.3534	543.9	.5003-03
99	24.036	.92500	472.00	.1892-01	.2238-01	.2463-01	42.66	.8073	.3531	543.5	.5635-03
99	24.036	.95000	277.00	.5097-02	.6029-02	.6636-02	42.64	.2173	.3534	543.9	.1531-03
99	24.036	.97500	473.00	.3202-01	.3789-01	.4171-01	42.58	1.363	.3543	545.4	.9622-03

UPPER RH WING

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
98	.0000	.0000	7.300	3.020	698.9	1488.	366.4	.1256	131.0	.8045-04	4095.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
98	.0000	.2187

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
98	24.036	.50000	460.00	.2157-02	.2557-02	.2818-02	51.26	.1106	.3601	549.9	.5273-04
98	24.036	.55000	461.00	.5259-02	.6233-02	.6869-02	51.26	.2695	.3601	549.9	.1285-03
98	24.036	.60000	462.00	.1681-02	.1992-02	.2195-02	51.35	.8633-01	.3589	548.2	.4108-04
98	24.036	.65000	463.00	.8356-02	.9902-02	.1091-01	51.33	.4289	.3592	548.6	.2042-03
98	24.036	.70000	464.00	.1341-01	.1589-01	.1751-01	51.36	.6889	.3588	548.0	.3277-03
98	24.036	.72500	465.00	.1030-01	.1220-01	.1344-01	51.39	.5292	.3585	547.4	.2516-03
98	24.036	.75000	466.00	.6335-02	.7504-02	.8268-02	51.40	.3256	.3584	547.4	.1548-03
98	24.036	.77500	467.00	.8048-02	.9533-02	.1050-01	51.41	.4137	.3583	547.1	.1966-03
98	24.036	.80000	468.00	.1206-01	.1428-01	.1573-01	51.44	.6201	.3579	546.6	.2945-03
98	24.036	.82500	469.00	.9215-02	.1091-01	.1202-01	51.50	.4746	.3572	545.5	.2251-03
98	24.036	.85000	470.00	.1211-01	.1434-01	.1579-01	51.48	.6233	.3574	545.8	.2957-03
98	24.036	.87500	471.00	.1620-01	.1918-01	.2113-01	51.48	.8338	.3575	545.9	.3957-03
98	24.036	.92500	472.00	.1839-01	.2178-01	.2399-01	51.47	.9463	.3576	546.1	.4491-03
98	24.036	.95000	277.00	.2745-02	.3251-02	.3581-02	51.47	.1413	.3576	546.1	.6705-04
98	24.036	.97500	473.00	.3090-01	.3662-01	.4035-01	51.31	1.586	.3595	549.0	.7552-03

UPPER RH WING

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
97	.0000	.0000	7.300	3.761	863.4	1481.	364.6	.1552	130.3	.9995-04	4085.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
97	.0000	.2430

TEST DATA

RUN NUMBER	XO MS	2Y/BW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
97	24.036	.50000	460.00	.2496-02	.2959-02	.3262-02	56.59	.1413	.3609	548.4	.5472-04
97	24.036	.55000	461.00	.5564-02	.6597-02	.7271-02	56.59	.3149	.3609	548.4	.1220-03
97	24.036	.60000	462.00	.1254-02	.1486-02	.1638-02	56.68	.7108-01	.3600	547.0	.2749-04
97	24.036	.65000	463.00	.8847-02	.1049-01	.1156-01	56.65	.5012	.3604	547.5	.1939-03
97	24.036	.70000	464.00	.1343-01	.1592-01	.1754-01	56.67	.7610	.3601	547.1	.2944-03
97	24.036	.72500	465.00	.1096-01	.1299-01	.1432-01	56.70	.6216	.3598	546.6	.2403-03
97	24.036	.75000	466.00	.6636-02	.7864-02	.8666-02	56.70	.3763	.3598	546.6	.1454-03
97	24.036	.77500	467.00	.9667-02	.1027-01	.1132-01	56.72	.4916	.3596	546.4	.1899-03
97	24.036	.80000	468.00	.1341-01	.1590-01	.1752-01	56.74	.7612	.3593	545.9	.2940-03
97	24.036	.82500	469.00	.1103-01	.1307-01	.1440-01	56.78	.6262	.3589	545.3	.2417-03
97	24.036	.85000	470.00	.1308-01	.1549-01	.1707-01	56.80	.7426	.3587	545.1	.2865-03
97	24.036	.87500	471.00	.1970-01	.2334-01	.2572-01	56.75	1.118	.3592	545.8	.4317-03
97	24.036	.92500	472.00	.1898-01	.2249-01	.2478-01	56.77	1.077	.3590	545.5	.4159-03
97	24.036	.95000	277.00	.1030-01	.1220-01	.1345-01	56.72	.5842	.3595	546.3	.2257-03
97	24.036	.97500	473.00	.3185-01	.3777-01	.4163-01	56.56	1.802	.3613	549.0	.6984-03

WING MISC.

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
81	.0000	.0000	7.300	.9772	235.2	1523.	375.6	.4217-01	134.3	.2635-04	4146.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
81	.0000	.1270

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
81	1.0000	482.00	.44616-02	.5283-02	.5819-02	30.64	.1367	.3570	558.8	.1907-03
81	1.0000	483.00	.62383-02	.7387-02	.8137-02	30.64	.1912	.3571	558.9	.2667-03
81	1.0000	484.00	.59452-02	.7042-02	.7758-02	30.59	.1819	.3581	560.5	.2542-03
81	1.0000	485.00	.74011-02	.8768-02	.9660-02	30.57	.2262	.3586	561.3	.3165-03
81	1.0000	490.00	.81915-02	.9701-02	.1068-01	30.64	.2510	.3572	559.1	.3502-03
81	1.0000	491.00	.14390-01	.1705-01	.1878-01	30.58	.4400	.3583	560.9	.6153-03

OH105B 60-0 WING MISC.

(R3RP26)

WING MISC.

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
82	.0000	.0000	7.300	1.925	465.9	1528.	376.9	.8350-01	134.7	.5200-04	4153.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
82	.0000	.1788

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
82	1.0000	482.00	.30302-02	.3586-02	.3948-02	43.46	.1317	.3546	557.0	.9219-04
82	1.0000	483.00	.61508-02	.7279-02	.8013-02	43.46	.2673	.3546	557.0	.1871-03
82	1.0000	484.00	.93349-02	.1105-01	.1217-01	43.40	.4052	.3554	558.2	.2841-03
82	1.0000	485.00	.10623-01	.1258-01	.1385-01	43.37	.4607	.3559	559.0	.3233-03
82	1.0000	490.00	.64266-02	.7605-02	.8373-02	43.45	.2792	.3547	557.1	.1955-03
82	1.0000	491.00	.16023-01	.1897-01	.2088-01	43.39	.6952	.3556	558.5	.4876-03

WING MISC.

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
83	.0000	.0000	7.300	2.957	699.0	1507.	371.4	.1255	132.8	.7930-04	4123.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
83	.0000	.2188

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
83	1.0000	482.00	.35021-02	.4141-02	.4556-02	52.67	.1845	.3517	544.4	.8614-04
83	1.0000	483.00	.73335-02	.8671-02	.9541-02	52.68	.3863	.3517	544.3	.1804-03
83	1.0000	484.00	.11698-01	.1383-01	.1522-01	52.65	.6159	.3520	544.8	.2877-03
83	1.0000	485.00	.13818-01	.1634-01	.1798-01	52.61	.7270	.3525	545.6	.3399-03
83	1.0000	490.00	.62429-02	.7382-02	.8122-02	52.68	.3289	.3517	544.4	.1536-03
83	1.0000	491.00	.16509-01	.1952-01	.2149-01	52.62	.8687	.3524	545.4	.4061-03

WING MISC.

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
84	.0000	.0000	7.300	3.640	863.2	1510.	372.1	.1549	133.0	.9771-04	4127.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
84	.0000	.2432

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
84	1.0000	482.00	.36057-02	.4269-02	.4702-02	58.17	.2097	.3568	553.3	.7999-04
84	1.0000	483.00	.73535-02	.8707-02	.9589-02	58.18	.4279	.3567	553.1	.1631-03
84	1.0000	484.00	.13133-01	.1555-01	.1713-01	58.17	.7640	.3568	553.3	.2914-03
84	1.0000	485.00	.15278-01	.1809-01	.1993-01	58.14	.8882	.3572	553.9	.3390-03
84	1.0000	490.00	.65523-02	.7759-02	.8545-02	58.17	.3812	.3568	553.3	.1454-03
84	1.0000	491.00	.19606-01	.2322-01	.2557-01	58.14	1.140	.3572	553.9	.4350-03

OH105B 60-0 WING MISC. (R3RP29)

WING MISC.

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
80	10.00	.0000	7.300	.9926	235.4	1510.	372.0	.4223-01	133.0	.2665-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
80	.0000	.1270

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
80	1.0000	482.00	.11097-02	.1313-02	.1445-02	30.56	.3391-01	.3531	547.4	.4711-04
80	1.0000	483.00	.20591-02	.2436-02	.2681-02	30.56	.6292-01	.3531	547.5	.8741-04
80	1.0000	484.00	.43927-02	.5196-02	.5719-02	30.55	.1342	.3532	547.7	.1865-03
80	1.0000	485.00	.43847-02	.5187-02	.5709-02	30.54	.1339	.3534	547.9	.1861-03
80	1.0000	490.00	.95077-03	.1136-02	.1251-02	30.55	.2935-01	.3532	547.7	.4079-04
80	1.0000	491.00	.23046-02	.2797-02	.3079-02	30.55	.7223-01	.3533	547.8	.1004-03

WING MISC.

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
79	10.00	.0000	7.300	1.949	465.4	1516.	373.7	.8347-01	133.6	.5243-04	4135.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
79	.0000	.1786

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.950	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
79	1.0000	483.00	.52317-04	.6184-04	.6803-04	43.34	.2267-02	.3505	545.8	.1583-05
79	1.0000	484.00	.23861-02	.2821-02	.3103-02	43.30	.1033	.3510	546.6	.7219-04
79	1.0000	485.00	.24161-02	.2856-02	.3143-02	43.28	.1046	.3513	547.1	.7311-04
79	1.0000	491.00	.28642-02	.3386-02	.3726-02	43.28	.1240	.3514	547.2	.8667-04

OH105B 60-0 WING MISC. (R3RP31)

WING MISC.

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
77	15.00	.0000	7.300	.9958	236.9	1513.	372.8	.4250-01	133.3	.2676-04	4131.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
77	.0000	.1274

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
77	1.0000	484.00	.15110-02	.1786-02	.1965-02	30.82	.4657-01	.3510	545.3	.6399-04
77	1.0000	485.00	.39078-02	.4620-02	.5083-02	30.81	.1204	.3512	545.7	.1655-03
77	1.0000	491.00	.27449-02	.3245-02	.3570-02	30.81	.8457-01	.3513	545.8	.1162-03

OH105B 60-0 WING MISC. (R3RP32)

WING MISC.

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
78	15.00	.0000	7.300	1.967	465.7	1508.	371.6	.8356-01	132.9	.5278-04	4124.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
78	.0000	.1786

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
78	1.0000	484.00	.13069-02	.1547-02	.1703-02	42.78	.5592-01	.3552	550.1	.3943-04
78	1.0000	485.00	.23920-02	.2832-02	.3118-02	42.72	.1022	.3561	551.4	.7218-04
78	1.0000	491.00	.30348-02	.3592-02	.3955-02	42.76	.1298	.3555	550.5	.9157-04

OH105B 60-0 WING MISC. (R3RP33)

WING MISC.

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPOBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
121	20.00	.0000	7.300	1.006	235.4	1498.	369.0	.4228-01	131.9	.2690-04	4109.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
121	.0000	.1270

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
121	1.0000	484.00	.18350-02	.2170-02	.2388-02	30.36	.5570-01	.3520	541.2	.7746-04
121	1.0000	485.00	.36031-02	.4261-02	.4690-02	30.32	.1093	.3527	542.3	.1521-03
121	1.0000	491.00	.16067-02	.1900-02	.2091-02	30.34	.4874-01	.3523	541.8	.6783-04

OH105B 60-0 WING MISC. (R3RP34)

WING MISC.

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
120	20.00	.0000	7.300	1.995	468.4	1501.	369.8	.8410-01	132.2	.5339-04	4114.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
120	.0000	.1791

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
120	1.0000	483.00	.36885-03	.4360-03	.4796-03	43.03	.1587-01	.3503	539.9	.1105-04
120	1.0000	484.00	.22369-02	.2644-02	.2909-02	43.01	.9621-01	.3506	540.4	.6702-04
120	1.0000	485.00	.29933-02	.3538-02	.3893-02	42.98	.1287	.3509	540.8	.8969-04
120	1.0000	491.00	.16257-02	.1922-02	.2114-02	42.99	.6999-01	.3509	540.8	.4871-04

OH105B 60-0 WING MISC. (R3RP35)

WING MISC.

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
100	.0000	.0000	7.300	1.039	241.2	1491.	367.1	.4333-01	131.2	.2771-04	4099.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
100	.0000	.1285

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
100	1.0000	482.00	.68631-02	.8145-02	.8965-02	30.49	.2093	.3535	540.8	.2864-03
100	1.0000	483.00	.95937-02	.1135-01	.1249-01	30.49	.2925	.3535	540.8	.3990-03
100	1.0000	484.00	.48585-02	.5748-02	.6328-02	30.46	.1480	.3540	541.5	.2021-03
100	1.0000	485.00	.66612-02	.7882-02	.8677-02	30.45	.2028	.3543	542.1	.2771-03
100	1.0000	490.00	.91266-02	.1080-01	.1188-01	30.49	.2782	.3535	540.8	.3796-03
100	1.0000	491.00	.10858-01	.1285-01	.1414-01	30.45	.3306	.3543	542.0	.4516-03

OH105B 60-O WING MISC. (R3RP36)

WING MISC.

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	*SCALE
99	.0000	.0000	7.300	1.987	465.7	1500.	369.3	.8362-01	132.0	.5314-04	4111.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
99	.0000	.1786

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
99	1.0000	482.00	.65394-02	.7735-02	.8514-02	42.66	.2790	.3531	543.6	.1965-03
99	1.0000	483.00	.87385-02	.1034-01	.1138-01	42.67	.3728	.3530	543.4	.2625-03
99	1.0000	484.00	.63546-02	.7518-02	.8275-02	42.63	.2709	.3536	544.3	.1909-03
99	1.0000	485.00	.70014-02	.8284-02	.9119-02	42.59	.2982	.3541	545.1	.2104-03
99	1.0000	490.00	.76689-02	.9071-02	.9984-02	42.66	.3272	.3531	543.5	.2304-03
99	1.0000	491.00	.10405-01	.1231-01	.1355-01	42.60	.4433	.3540	544.9	.3126-03

WING MISC.

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
98	.0000	.0000	7.300	3.020	638.9	1488.	366.4	.1256	131.0	.8045-04	4095.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
98	.0000	.2187

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
98	1.0000	482.00	.65886-02	.7802-02	.8593-02	51.52	.3394	.3569	545.1	.1609-03
98	1.0000	483.00	.84870-02	.1005-01	.1107-01	51.52	.4373	.3569	545.1	.2073-03
98	1.0000	484.00	.69757-02	.8261-02	.9099-02	51.50	.3592	.3572	545.6	.1704-03
98	1.0000	485.00	.67912-02	.8043-02	.8860-02	51.46	.3495	.3576	546.2	.1659-03
98	1.0000	490.00	.70372-02	.8333-02	.9178-02	51.52	.3625	.3570	545.2	.1719-03
98	1.0000	491.00	.98647-02	.1168-01	.1287-01	51.47	.5077	.3576	546.1	.2410-03

OH105B 60-O WING MISC. (R3RP38)

WING MISC.

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPOBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
97	.0000	.0000	7.300	3.761	863.4	1481.	364.6	.1552	130.3	.9995-04	4085.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
97	.0000	.2430

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
97	1.0000	482.00	.72531-02	.8592-02	.9466-02	56.84	.4123	.3583	544.3	.1589-03
97	1.0000	483.00	.89184-02	.1056-01	.1164-01	56.86	.5071	.3581	544.1	.1954-03
97	1.0000	484.00	.68876-02	.8159-02	.8988-02	56.85	.3915	.3582	544.2	.1509-03
97	1.0000	485.00	.72343-02	.8571-02	.9443-02	56.80	.4109	.3586	544.9	.1585-03
97	1.0000	490.00	.77804-02	.9216-02	.1015-01	56.84	.4423	.3582	544.3	.1705-03
97	1.0000	491.00	.10796-01	.1279-01	.1409-01	56.79	.6131	.3588	545.2	.2366-03

OH105B 60-0 WING LOWER SURFACE (R3RQ25)

WING LOWER SURF

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
65	.0000	.0000	7.300	.9880	235.7	1515.	373.5	.4627-01	133.5	.2657-04	4134.	.1750-01
72	.0000	.0000	7.300	1.037	235.4	1472.	362.0	.4634-01	129.4	.2746-04	4070.	.1750-01
81	.0000	.0000	7.300	.9772	235.2	1523.	375.6	.4217-01	134.3	.2635-04	4146.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
65	.0000	.1271
72	.0000	.1268
81	.0000	.1270

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
65	.30000	.10000+00	1075.0	.3026-01	.3585-01	.3949-01	30.44	.9211	.3583	557.7	.1288-02
65	.30000	.20000	1076.0	.2404-01	.2846-01	.3134-01	30.57	.7351	.3555	553.4	.1023-02
65	.30000	.30000	1077.0	.1891-01	.2238-01	.2464-01	30.58	.5781	.3555	553.3	.8044-03
65	.30000	.40000	1078.0	.1484-01	.1757-01	.1934-01	30.58	.4539	.3553	553.1	.6314-03
65	.30000	.50000	1079.0	.8197-02	.9701-02	.1068-01	30.60	.2509	.3550	552.5	.3487-03
65	.30000	.60000	1080.0	.1020-01	.1207-01	.1329-01	30.61	.3122	.3547	552.1	.4339-03
65	.30000	.70000	1081.0	.8723-02	.1032-01	.1136-01	30.62	.2671	.3545	551.8	.3710-03
65	.30000	.80000	1082.0	.4009-02	.4743-02	.5222-02	30.63	.1228	.3543	551.5	.1705-03
81	.30000	.90000	83.000	.3576-02	.4241-02	.4675-02	30.39	.1087	.3621	566.8	.1530-03
81	.30000	.95000	84.000	.2363-02	.2805-02	.3094-02	30.27	.7153-01	.3646	570.7	.1012-03
65	.40000	.30000	1090.0	.1574-01	.1862-01	.2050-01	30.62	.4818	.3546	551.9	.6693-03
65	.40000	.60000	1092.0	.8961-02	.1060-01	.1167-01	30.67	.2749	.3535	550.3	.3811-03
65	.40000	.70000	1093.0	.8170-02	.9666-02	.1064-01	30.67	.2506	.3536	550.4	.3475-03
65	.40000	.75000	1094.0	.7310-02	.8647-02	.9518-02	30.68	.2242	.3535	550.2	.3109-03
81	.40000	.85000	95.000	.4376-02	.5188-02	.5718-02	30.45	.1333	.3610	565.0	.1872-03
81	.40000	.90000	96.000	.3059-02	.3629-02	.4003-02	30.30	.9266-01	.3641	569.9	.1310-03
65	.50000	.60000	1105.0	.1290-01	.1526-01	.1680-01	30.67	.3957	.3535	550.3	.5486-03

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105B 60-0 WING LOWER SURFACE

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
65	.50000	.70000	1106.0	.9158-02	.1083-01	.1192-01	30.69	.2811	.3532	549.7	.3894-03
65	.60000	.25000-01	1110.0	.2627	.3111	.3427	30.50	8.012	.3571	555.8	.1118-01
65	.60000	.75000-01	1112.0	.9316-01	.1103	.1215	30.51	2.842	.3568	555.4	.3965-02
65	.60000	.10000+00	1113.0	.6485-01	.7679-01	.8458-01	30.52	1.979	.3567	555.2	.2760-02
65	.60000	.20000	1114.0	.3172-01	.3755-01	.4136-01	30.53	.9684	.3564	554.7	.1350-02
65	.60000	.30000	1115.0	.2575-01	.3049-01	.3357-01	30.56	.7871	.3558	553.8	.1096-02
65	.60000	.40000	1116.0	.2068-01	.2448-01	.2695-01	30.59	.6327	.3552	552.9	.8799-03
65	.60000	.50000	1117.0	.1797-01	.2126-01	.2341-01	30.61	.5500	.3547	552.2	.7643-03
65	.60000	.70000	1119.0	.1203-01	.1423-01	.1567-01	30.63	.3684	.3544	551.7	.5116-03
81	.60000	.80000	120.00	.7736-02	.9176-02	.1012-01	30.36	.2349	.3627	567.8	.3311-03
81	.60000	.90000	122.00	.6184-02	.7343-02	.8102-02	30.17	.1866	.3665	573.7	.2649-03
81	.60000	.95000	123.00	.5285-02	.6279-02	.6931-02	30.09	.1590	.3683	576.4	.2265-03
81	.70000	.60000	131.00	.3401-01	.4035-01	.4449-01	30.35	1.032	.3631	568.3	.1456-02
81	.70000	.90000	132.00	.1094-01	.1301-01	.1437-01	29.90	.3271	.3720	582.2	.4693-03
81	.75000	.40000	139.00	.3220-01	.3822-01	.4216-01	30.25	.9740	.3650	571.3	.1379-02
81	.75000	.60000	140.00	.2533-01	.3007-01	.3318-01	30.22	.7655	.3656	572.3	.1085-02
81	.75000	.80000	142.00	.1234-01	.1467-01	.1620-01	30.03	.3706	.3695	578.4	.5291-03
81	.75000	.90000	143.00	.7977-02	.9491-02	.1049-01	29.85	.2381	.3731	584.0	.3423-03
81	.75000	.95000	144.00	.6894-02	.8203-02	.9063-02	29.85	.2058	.3731	584.0	.2958-03
81	.80000	.40000	147.00	.2792-01	.3318-01	.3662-01	30.08	.8399	.3685	576.7	.1197-02
81	.85000	.20000	150.00	.7960-01	.9463-01	.1045	29.99	2.387	.3703	579.6	.3413-02
81	.85000	.40000	151.00	.4824-01	.5738-01	.6338-01	29.91	1.443	.3718	581.9	.2069-02
81	.90000	.00000	152.00	.1753	.2087	.2307	29.72	5.208	.3757	588.1	.7525-02
81	.90000	.10000+00	153.00	.8401-01	.1000	.1106	29.70	2.495	.3762	588.8	.3607-02
81	.90000	.20000	154.00	.4760-01	.5669-01	.6266-01	29.71	1.414	.3759	588.4	.2044-02
65	.90000	.60000	1157.0	.2424-01	.2874-01	.3168-01	30.30	.7346	.3611	562.0	.1033-02
81	.90000	.80000	158.00	.1587-01	.1889-01	.2088-01	29.80	.4730	.3742	585.6	.6813-03
81	.90000	.90000	159.00	.1353-01	.1611-01	.1781-01	29.68	.4015	.3764	589.2	.5809-03
81	.95000	.10000+00	162.00	.8337-01	.9939-01	.1100	29.53	2.462	.3795	594.0	.3583-02
81	.95000	.30000	164.00	.4847-01	.5777-01	.6390-01	29.56	1.433	.3789	593.1	.2083-02
81	.95000	.50000	165.00	.3114-01	.3710-01	.4103-01	29.62	.9223	.3777	591.2	.1338-02
81	.95000	.70000	166.00	.1976-01	.2353-01	.2601-01	29.70	.5869	.3761	588.6	.8484-03
72	.95000	.80000	167.00	.1775-01	.2113-01	.2335-01	28.70	.5094	.3742	564.6	.7443-03
72	.95000	.90000	168.00	.1392-01	.1657-01	.1832-01	28.63	.3985	.3756	566.7	.5839-03

OH105B 60-0 WING LOWER SURFACE (R3RQ26)

WING LOWER SURF

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
66	.0000	.0000	7.300	1.977	466.5	1506.	371.0	.8373-01	132.6	.5298-04	4120.	.1750-01
71	.0000	.0000	7.300	1.951	465.2	1515.	373.4	.8345-01	133.5	.5246-04	4134.	.1750-01
82	.0000	.0000	7.300	1.925	465.9	1528.	376.9	.8350-01	134.7	.5200-04	4153.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
66	.0000	.1788
71	.0000	.1786
82	.0000	.1788

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
66	.30000	.10000+00	1075.0	.3082-01	.3653-01	.4027-01	42.35	1.305	.3609	557.9	.9291-03
66	.30000	.20000	1076.0	.2390-01	.2831-01	.3118-01	42.55	1.017	.3580	553.5	.7200-03
66	.30000	30000	1077.0	.1905-01	.2256-01	.2485-01	42.55	.8104	.3580	553.5	.5738-03
66	.30000	.40000	1078.0	.1380-01	.1635-01	.1801-01	42.55	.5872	.3580	553.5	.4158-03
66	.30000	.50000	1079.0	.7938-02	.9400-02	.1035-01	42.60	.3381	.3573	552.4	.2391-03
66	.30000	.60000	1080.0	.9439-02	.1118-01	.1231-01	42.60	.4021	.3573	552.4	.2844-03
66	.30000	.70000	1081.0	.9654-02	.1143-01	.1260-01	42.57	.4110	.3577	553.0	.2908-03
66	.30000	.80000	1082.0	.4904-02	.5809-02	.6399-02	42.55	.2087	.3580	553.4	.1478-03
82	.30000	.90000	83.000	.2533-02	.3001-02	.3307-02	43.16	.1093	.3588	563.6	.7714-04
82	.30000	.95000	84.000	.3369-02	.3994-02	.4401-02	43.05	.1450	.3604	566.1	.1026-03
66	.40000	.30000	1090.0	.1463-01	.1733-01	.1909-01	42.58	.6231	.3576	552.9	.4409-03
66	.40000	.60000	1092.0	.8373-02	.9913-02	.1092-01	42.66	.3572	.3564	551.0	.2522-03
66	.40000	.70000	1093.0	.7399-02	.8762-02	.9650-02	42.62	.3154	.3570	551.9	.2229-03
66	.40000	.75000	1094.0	.6583-02	.7795-02	.8586-02	42.61	.2805	.3571	552.2	.1983-03
82	.40000	.85000	95.000	.3449-02	.4087-02	.4503-02	43.16	.1489	.3588	563.6	.1050-03
82	.40000	.90000	96.000	.2841-02	.3367-02	.3712-02	43.02	.1222	.3608	566.8	.8654-04
66	.50000	.60000	1105.0	.1517-01	.1796-01	.1978-01	42.62	.6463	.3571	552.0	.4568-03

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105B 60-0 WING LOWER SURFACE

(R3RQ26)

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
66	.50000	.70000	1106.0	.1162-01	.1376-01	.1515-01	42.64	.4954	.3567	551.4	.3499-03
66	.60000	.25000-01	1110.0	.2529	.2999	.3306	42.25	10.68	.3624	560.3	.7626-02
66	.60000	.75000-01	1112.0	.9235-01	.1095	.1207	42.28	3.904	.3619	559.5	.2785-02
66	.60000	.10000+00	1113.0	.6384-01	.7570-01	.8345-01	42.29	2.699	.3618	559.3	.1925-02
66	.60000	.20000	1114.0	.3109-01	.3687-01	.4064-01	42.32	1.316	.3613	558.7	.9376-03
66	.60000	.30000	1115.0	.2511-01	.2976-01	.3280-01	42.38	1.064	.3605	557.3	.7568-03
66	.60000	.40000	1116.0	.2053-01	.2432-01	.2680-01	42.45	.8713	.3594	555.7	.6186-03
66	.60000	.50000	1117.0	.1741-01	.2063-01	.2273-01	42.49	.7397	.3589	554.8	.5246-03
66	.60000	.70000	1119.0	.1314-01	.1557-01	.1715-01	42.50	.5585	.3587	554.6	.3960-03
82	.60000	.80000	120.00	.7785-02	.9226-02	.1017-01	43.11	.3356	.3596	564.8	.2371-03
82	.60000	.90000	122.00	.6744-02	.8000-02	.8821-02	42.86	.2891	.3631	570.3	.2056-03
82	.60000	.95000	123.00	.4979-02	.5909-02	.6518-02	42.76	.2129	.3645	572.5	.1518-03
82	.70000	.60000	131.00	.3325-01	.3943-01	.4347-01	42.94	1.428	.3620	568.6	.1013-02
82	.70000	.90000	132.00	.1239-01	.1471-01	.1623-01	42.65	.5285	.3660	574.9	.3780-03
82	.75000	.40000	139.00	.3528-01	.4187-01	.4619-01	42.74	1.508	.3648	573.0	.1076-02
82	.75000	.60000	140.00	.2369-01	.2811-01	.3100-01	42.79	1.014	.3641	571.8	.7222-03
82	.75000	.80000	142.00	.9094-02	.1079-01	.1190-01	42.84	.3896	.3635	570.9	.2772-03
82	.75000	.90000	143.00	.1594-01	.1893-01	.2089-01	42.57	.6784	.3673	576.9	.4863-03
82	.75000	.95000	144.00	.5989-02	.7113-02	.7850-02	42.56	.2549	.3674	577.0	.1827-03
82	.80000	.40000	147.00	.2203-01	.2618-01	.2889-01	42.50	.9363	.3683	578.5	.6724-03
82	.85000	.20000	150.00	.6723-01	.7996-01	.8832-01	42.26	2.841	.3718	583.9	.2053-02
82	.85000	.40000	151.00	.4526-01	.5384-01	.5947-01	42.23	1.911	.3721	584.4	.1383-02
82	.90000	.00000	152.00	.1674	.1995	.2207	41.73	6.985	.3792	595.7	.5121-02
82	.90000	.10000+00	153.00	.8293-01	.9886-01	.1094	41.71	3.459	.3795	596.0	.2538-02
82	.90000	.20000	154.00	.4813-01	.5736-01	.6345-01	41.77	2.011	.3786	594.7	.1472-02
66	.90000	.60000	1157.0	.2323-01	.2759-01	.3044-01	41.94	.9742	.3639	567.2	.7013-03
82	.90000	.80000	158.00	.1285-01	.1527-01	.1665-01	42.46	.5455	.3689	579.4	.3921-03
82	.90000	.90000	159.00	.9046-02	.1076-01	.1188-01	42.29	.3826	.3712	583.0	.2763-03
82	.95000	.10000+00	162.00	.7751-01	.9250-01	.1024	41.48	3.215	.3828	601.3	.2374-02
82	.95000	.30000	164.00	.4833-01	.5763-01	.6378-01	41.63	2.012	.3807	598.0	.1479-02
82	.95000	.50000	165.00	.2905-01	.3461-01	.3828-01	41.85	1.216	.3776	593.1	.8886-03
82	.95000	.70000	166.00	.1685-01	.2004-01	.2214-01	42.29	.7128	.3712	583.1	.5147-03
71	.95000	.80000	167.00	.1840-01	.2188-01	.2417-01	41.80	.7689	.3721	579.1	.5591-03
71	.95000	.90000	168.00	.1502-01	.1787-01	.1975-01	41.71	.6264	.3734	581.1	.4566-03

OH105B 60-0 WING LOWER SURFACE (R3RQ27)

WING LOWER SURF

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
67	.0000	.0000	7.300	2.943	699.6	1512.	372.7	.1255	133.2	.7906-04	4130.	.1750-01
70	.0000	.0000	7.300	2.975	699.2	1502.	370.0	.1255	132.3	.7965-04	4115.	.1750-01
83	.0000	.0000	7.300	2.957	699.0	1507.	371.4	.1255	132.8	.7930-04	4123.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
67	.0000	.2190
70	.0000	.2188
83	.0000	.2188

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
67	.30000	.10000+00	1075.0	.3127-01	.3709-01	.4089-01	51.95	1.624	.3628	563.5	.7723-03
67	.30000	.20000	1076.0	.2451-01	.2905-01	.3202-01	52.17	1.279	.3602	559.4	.6051-03
67	.30000	.30000	1077.0	.1900-01	.2252-01	.2482-01	52.17	.9914	.3602	559.4	.4691-03
67	.30000	.40000	1078.0	.1352-01	.1603-01	.1767-01	52.17	.7056	.3602	559.4	.3339-03
67	.30000	.60000	1080.0	.8877-02	.1052-01	.1159-01	52.21	.4635	.3597	558.8	.2191-03
67	.30000	.70000	1081.0	.8676-02	.1028-01	.1133-01	52.20	.4529	.3598	558.8	.2142-03
67	.30000	.80000	1082.0	.3016-02	.3574-02	.3938-02	52.21	.1574	.3597	558.7	.7444-04
83	.30000	.90000	83.000	.2645-02	.3131-02	.3447-02	52.34	.1384	.3557	550.5	.6511-04
83	.30000	.95000	84.000	.4124-02	.4883-02	.5378-02	52.26	.2155	.3566	551.9	.1015-03
67	.40000	.30000	1090.0	.1411-01	.1672-01	.1842-01	52.20	.7363	.3598	558.9	.3482-03
67	.40000	.60000	1092.0	.8188-02	.9701-02	.1069-01	52.30	.4283	.3586	557.0	.2021-03
67	.40000	.70000	1093.0	.7234-02	.8571-02	.9444-02	52.26	.3781	.3591	557.7	.1785-03
67	.40000	.75000	1094.0	.6546-02	.7756-02	.8546-02	52.27	.3421	.3590	557.6	.1615-03
83	.40000	.85000	95.000	.3764-02	.4456-02	.4907-02	52.30	.1969	.3561	551.2	.9267-04
83	.40000	.90000	96.000	.2798-02	.3314-02	.3650-02	52.18	.1460	.3575	553.4	.6891-04
67	.50000	.60000	1105.0	.2000-01	.2369-01	.2611-01	52.26	1.045	.3591	557.8	.4935-03
67	.50000	.70000	1106.0	.1468-01	.1739-01	.1916-01	52.33	.7681	.3583	556.6	.3622-03

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105B 60-0 WING LOWER SURFACE

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
67	.60000	.25000-01	1110.0	.2523	.2994	.3302	51.82	13.08	.3643	565.8	.6235-02
67	.60000	.75000-01	1112.0	.9361-01	.1111	.1225	51.87	4.855	.3638	565.0	.2313-02
67	.60000	.10000+00	1113.0	.6493-01	.7703-01	.8495-01	51.88	3.368	.3636	564.8	.1604-02
67	.60000	.20000	1114.0	.3189-01	.3783-01	.4171-01	51.91	1.655	.3633	564.2	.7877-03
67	.60000	.30000	1115.0	.2554-01	.3029-01	.3340-01	51.98	1.328	.3624	562.9	.6308-03
67	.60000	.40000	1116.0	.2208-01	.2619-01	.2887-01	52.05	1.149	.3617	561.7	.5453-03
67	.60000	.50000	1117.0	.2133-01	.2529-01	.2787-01	52.08	1.111	.3612	561.0	.5266-03
67	.60000	.70000	1119.0	.1865-01	.2211-01	.2436-01	52.16	.9728	.3603	559.7	.4604-03
83	.60000	.80000	120.00	.1048-01	.1241-01	.1366-01	52.32	.5484	.3559	550.9	.2580-03
83	.60000	.90000	122.00	.8394-02	.9946-02	.1096-01	52.05	.4369	.3591	555.7	.2068-03
83	.60000	.95000	123.00	.6720-02	.7966-02	.8780-02	51.94	.3490	.3604	557.8	.1656-03
83	.70000	.60000	131.00	.3750-01	.4445-01	.4898-01	51.99	1.950	.3598	556.9	.9241-03
83	.70000	.90000	132.00	.1405-01	.1666-01	.1836-01	51.90	.7294	.3609	558.5	.3464-03
83	.75000	.40000	139.00	.3903-01	.4626-01	.5099-01	51.94	2.027	.3605	557.9	.9618-03
83	.75000	.60000	140.00	.2675-01	.3171-01	.3494-01	51.96	1.390	.3601	557.4	.6592-03
83	.75000	.80000	142.00	.1118-01	.1325-01	.1460-01	52.08	.5824	.3587	555.2	.2755-03
83	.75000	.90000	143.00	.6586-02	.7811-02	.8612-02	51.78	.3410	.3623	560.7	.1624-03
83	.75000	.95000	144.00	.6025-02	.7145-02	.7878-02	51.80	.3121	.3621	560.4	.1485-03
83	.80000	.40000	147.00	.4334-01	.5146-01	.5679-01	51.41	2.228	.3667	567.5	.1070-02
83	.85000	.20000	150.00	.4765-01	.5663-01	.6252-01	51.18	2.439	.3694	571.7	.1177-02
83	.85000	.40000	151.00	.3991-01	.4739-01	.5229-01	51.41	2.052	.3667	567.6	.9849-03
83	.90000	.00000	152.00	.1656	.1971	.2178	50.86	8.425	.3732	577.6	.4094-02
83	.90000	.10000+00	153.00	.8335-01	.9918-01	.1096	50.86	4.239	.3732	577.7	.2060-02
83	.90000	.20000	154.00	.4894-01	.5822-01	.6431-01	50.95	2.494	.3721	576.0	.1209-02
67	.90000	.60000	1157.0	.2447-01	.2908-01	.3210-01	51.93	1.259	.3689	573.0	.6053-03
83	.90000	.80000	158.00	.1399-01	.1659-01	.1830-01	51.74	.7239	.3628	561.4	.3449-03
83	.90000	.90000	159.00	.1035-01	.1229-01	.1356-01	51.51	.5333	.3654	565.6	.2554-03
83	.95000	.10000+00	162.00	.7900-01	.9412-01	.1041	50.50	3.990	.3775	584.2	.1955-02
83	.95000	.30000	164.00	.4583-01	.5455-01	.6029-01	50.74	2.325	.3746	579.8	.1133-02
83	.95000	.50000	165.00	.2858-01	.3398-01	.3752-01	51.08	1.460	.3706	573.6	.7060-03
83	.95000	.70000	166.00	.1812-01	.2151-01	.2372-01	51.60	.9351	.3645	564.1	.4470-03
70	.95000	.80000	167.00	.1865-01	.2216-01	.2446-01	51.02	.9513	.3691	569.1	.4593-03
70	.95000	.90000	168.00	.1473-01	.1751-01	.1934-01	50.93	.7503	.3701	570.7	.3630-03

OH105B 60-0 WING LOWER SURFACE (R3RQ28)

WING LOWER SURF

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BOFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
68	.0000	.0000	7.300	3.621	858.8	1510.	372.1	.1541	133.0	.9721-04	4127.	.1750-01
69	.0000	.0000	7.300	3.687	860.4	1496.	368.3	.1545	131.7	.9849-04	4106.	.1750-01
84	.0000	.0000	7.300	3.640	863.2	1510.	372.1	.1549	133.0	.9771-04	4127.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
68	.0000	.2426
69	.0000	.2427
84	.0000	.2432

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
68	.30000	.10000+00	1075.0	.3192-01	.3784-01	.4171-01	57.66	1.841	.3607	559.3	.7107-03
68	.30000	.20000	1076.0	.2416-01	.2862-01	.3153-01	57.90	1.399	.3581	555.3	.5375-03
68	.30000	.30000	1077.0	.1911-01	.2264-01	.2494-01	57.90	1.107	.3581	555.3	.4252-03
68	.30000	.40000	1078.0	.1276-01	.1512-01	.1665-01	57.91	.7390	.3580	555.1	.2839-03
68	.30000	.50000	1079.0	.1060-01	.1255-01	.1383-01	57.97	.6145	.3574	554.2	.2358-03
68	.30000	.60000	1080.0	.8743-02	.1035-01	.1140-01	57.97	.5068	.3573	554.1	.1945-03
68	.30000	.70000	1081.0	.8909-02	.1055-01	.1162-01	57.93	.5161	.3578	554.8	.1982-03
68	.30000	.80000	1082.0	.3500-02	.4146-02	.4567-02	57.91	.2027	.3580	555.1	.7788-04
84	.30000	.90000	83.000	.3121-02	.3700-02	.4078-02	57.83	.1805	.3604	558.9	.6930-04
84	.30000	.95000	84.000	.3838-02	.4550-02	.5014-02	57.81	.2219	.3607	559.3	.8522-04
68	.40000	.30000	1090.0	.1380-01	.1635-01	.1801-01	57.96	.8002	.3574	554.3	.3071-03
68	.40000	.60000	1092.0	.8506-02	.1007-01	.1109-01	58.07	.4940	.3563	552.5	.1892-03
68	.40000	.70000	1093.0	.7637-02	.9043-02	.9960-02	58.03	.4432	.3568	553.2	.1699-03
68	.40000	.75000	1094.0	.6783-02	.8032-02	.8846-02	58.03	.3936	.3568	553.2	.1509-03
84	.40000	.85000	95.000	.4170-02	.4944-02	.5450-02	57.73	.2407	.3615	560.6	.9260-04
84	.40000	.90000	96.000	.3155-02	.3742-02	.4126-02	57.66	.1819	.3623	561.8	.7009-04
68	.50000	.60000	1105.0	.2519-01	.2983-01	.3285-01	58.03	1.462	.3567	553.2	.5603-03

OH105B 60-0 WING LOWER SURFACE (R3RQ28)

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
68	.50000	.70000	1106.0	.1850-01	.2190-01	.2412-01	58.11	1.075	.3559	551.9	.4114-03
68	.60000	.25000-01	1110.0	.2513	.2980	.3285	57.55	14.46	.3618	561.1	.5596-02
68	.60000	.75000-01	1112.0	.9505-01	.1127	.1242	57.61	5.476	.3612	560.1	.2116-02
68	.60000	.10000+00	1113.0	.6615-01	.7842-01	.8644-01	57.63	3.812	.3610	559.8	.1473-02
68	.60000	.20000	1114.0	.3316-01	.3930-01	.4332-01	57.68	1.913	.3604	559.0	.7382-03
68	.60000	.30000	1115.0	.2790-01	.3306-01	.3643-01	57.76	1.611	.3596	557.7	.6209-03
68	.60000	.40000	1116.0	.3141-01	.3722-01	.4101-01	57.81	1.816	.3590	556.8	.6990-03
68	.60000	.50000	1117.0	.3511-01	.4160-01	.4583-01	57.85	2.031	.3586	556.1	.7814-03
68	.60000	.70000	1119.0	.2506-01	.2969-01	.3270-01	57.93	1.452	.3578	554.8	.5576-03
84	.60000	.80000	120.00	.1436-01	.1702-01	.1876-01	57.74	.8290	.3614	560.4	.3188-03
84	.60000	.90000	122.00	.1054-01	.1251-01	.1379-01	57.51	.6063	.3638	564.2	.2343-03
84	.60000	.95000	123.00	.8319-02	.9872-02	.1089-01	57.44	.4778	.3646	565.4	.1849-03
84	.70000	.60000	131.00	.4241-01	.5035-01	.5555-01	57.31	2.431	.3659	567.4	.9428-03
84	.70000	.90000	132.00	.1446-01	.1716-01	.1893-01	57.35	.8291	.3655	566.8	.3214-03
84	.75000	.40000	139.00	.4681-01	.5560-01	.6137-01	57.17	2.676	.3674	569.8	.1041-02
84	.75000	.60000	140.00	.3398-01	.4035-01	.4452-01	57.26	1.946	.3665	568.4	.7555-03
84	.75000	.80000	142.00	.1400-01	.1662-01	.1832-01	57.51	.8053	.3638	564.2	.3112-03
84	.75000	.90000	143.00	.7293-02	.8661-02	.9557-02	57.24	.4175	.3667	568.6	.1622-03
84	.75000	.95000	144.00	.8238-02	.9782-02	.1079-01	57.24	.4716	.3667	568.6	.1832-03
84	.80000	.40000	147.00	.4288-01	.5098-01	.5629-01	56.91	2.441	.3702	574.1	.9543-03
84	.85000	.20000	150.00	.7082-01	.8431-01	.9319-01	56.45	3.998	.3751	581.7	.1578-02
84	.85000	.40000	151.00	.4128-01	.4913-01	.5428-01	56.68	2.336	.3738	579.6	.9194-03
84	.90000	.00000	152.00	.1651	.1970	.2179	55.92	9.235	.3808	590.4	.3684-02
84	.90000	.10000+00	153.00	.8457-01	.1009	.1116	55.89	4.726	.3811	590.9	.1887-02
84	.90000	.20000	154.00	.4932-01	.5880-01	.6506-01	55.36	2.761	.3801	589.4	.1100-02
68	.90000	.60000	1157.0	.2914-01	.3460-01	.3818-01	57.11	1.664	.3666	568.5	.6496-03
84	.90000	.80000	158.00	.1643-01	.1953-01	.2155-01	57.08	.9382	.3684	571.2	.3656-03
84	.90000	.90000	159.00	.1221-01	.1452-01	.1603-01	56.89	.6949	.3704	574.4	.2718-03
84	.95000	.10000+00	162.00	.7811-01	.9327-01	.1033	55.52	4.337	.3850	597.0	.1744-02
84	.95000	.30000	164.00	.4586-01	.5472-01	.6057-01	55.77	2.558	.3824	593.0	.1024-02
84	.95000	.50000	165.00	.2899-01	.3454-01	.3820-01	56.18	1.628	.3780	586.2	.6463-03
84	.95000	.70000	166.00	.1916-01	.2278-01	.2516-01	56.90	1.090	.3704	574.3	.4265-03
69	.95000	.80000	167.00	.1892-01	.2254-01	.2492-01	55.57	1.051	.3773	579.2	.4197-03
69	.95000	.90000	168.00	.1532-01	.1826-01	.2019-01	55.45	.8494	.3786	581.1	.3400-03

OH105B 60-0 WING LOWER SURFACE (R3RQ29)

WING LOWER SURF

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
63	10.00	.0000	7.300	.9879	236.7	1519.	374.5	.4244-01	133.9	.2660-04	4140.	.1750-01
73	10.00	.0000	7.300	.9940	236.1	1511.	372.4	.4236-01	133.1	.2670-04	4129.	.1750-01
80	10.00	.0000	7.300	.9926	235.4	1510.	372.0	.4223-01	133.0	.2665-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
63	.0000	.1274
73	.0000	.1272
80	.0000	.1270

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
63	.30000	.10000+00	1075.0	.5143-01	.6085-01	.6698-01	30.81	1.585	.3539	552.3	.2186-02
63	.30000	.20000	1076.0	.4482-01	.5298-01	.5829-01	30.95	1.387	.3511	547.9	.1904-02
63	.30000	.30000	1077.0	.4040-01	.4776-01	.5255-01	30.96	1.251	.3509	547.7	.1717-02
63	.30000	.40000	1078.0	.2787-01	.3294-01	.3624-01	30.97	.8632	.3506	547.2	.1184-02
63	.30000	.50000	1079.0	.2442-01	.2887-01	.3176-01	30.98	.7566	.3505	547.0	.1037-02
63	.30000	.60000	1080.0	.2040-01	.2411-01	.2652-01	31.00	.6323	.3501	546.4	.8664-03
63	.30000	.70000	1081.0	.1833-01	.2166-01	.2383-01	31.01	.5685	.3498	545.9	.7786-03
63	.30000	.80000	1082.0	.1191-01	.1407-01	.1548-01	31.02	.3694	.3496	545.7	.5057-03
80	.30000	.90000	83.000	.1276-01	.1510-01	.1663-01	30.45	.3884	.3553	551.0	.5418-03
80	.30000	.95000	84.000	.1169-01	.1384-01	.1524-01	30.44	.3559	.3555	551.2	.4966-03
63	.40000	.30000	1090.0	.3667-01	.4334-01	.4768-01	31.00	1.137	.3501	546.4	.1558-02
63	.40000	.60000	1092.0	.2510-01	.2965-01	.3261-01	31.05	.7794	.3489	544.6	.1066-02
63	.40000	.70000	1093.0	.2407-01	.2844-01	.3128-01	31.05	.7475	.3490	544.7	.1022-02
63	.40000	.75000	1094.0	.2034-01	.2403-01	.2643-01	31.06	.6317	.3489	544.6	.8637-03
80	.40000	.85000	95.000	.1561-01	.1847-01	.2034-01	30.43	.4749	.3557	551.6	.6629-03
80	.40000	.90000	96.000	.1262-01	.1494-01	.1645-01	30.42	.3839	.3559	551.9	.5360-03
63	.50000	.60000	1105.0	.3880-01	.4585-01	.5042-01	31.05	1.205	.3489	544.6	.1648-02

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105B 60-0 WING LOWER SURFACE

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
63	.50000	.70000	1106.0	.3017-01	.3565-01	.3920-01	31.07	.9375	.3486	544.1	.1281-02
63	.60000	.25000-01	1110.0	.3748	.4433	.4879	30.87	11.57	.3526	550.4	.1593-01
63	.60000	.75000-01	1112.0	.1494	.1767	.1944	30.89	4.615	.3523	549.8	.6349-02
63	.60000	.10000+00	1113.0	.1102	.1303	.1434	30.89	3.405	.3522	549.7	.4683-02
63	.60000	.20000	1114.0	.6543-01	.7736-01	.8513-01	30.91	2.022	.3518	549.1	.2780-02
63	.60000	.30000	1115.0	.5887-01	.6960-01	.7658-01	30.94	1.822	.3512	548.1	.2501-02
63	.60000	.40000	1116.0	.5460-01	.6454-01	.7100-01	30.98	1.691	.3505	547.0	.2319-02
63	.60000	.50000	1117.0	.4677-01	.5527-01	.6080-01	31.00	1.450	.3501	546.4	.1986-02
63	.60000	.70000	1119.0	.2965-01	.3505-01	.3855-01	31.00	.9193	.3500	546.3	.1260-02
80	.60000	.80000	120.00	.1849-01	.2189-01	.2411-01	30.43	.5627	.3557	551.6	.7855-03
80	.60000	.90000	122.00	.1492-01	.1767-01	.1946-01	30.37	.4531	.3568	553.3	.6338-03
80	.60000	.95000	123.00	.1129-01	.1337-01	.1473-01	30.34	.3425	.3575	554.4	.4797-03
80	.70000	.60000	131.00	.4430-01	.5247-01	.5781-01	30.30	1.342	.3583	555.6	.1882-02
80	.70000	.90000	132.00	.2422-01	.2869-01	.3160-01	30.32	.7344	.3579	555.0	.1029-02
80	.75000	.40000	139.00	.4465-01	.5290-01	.5829-01	30.27	1.351	.3590	556.6	.1898-02
80	.75000	.60000	140.00	.3897-01	.4616-01	.5086-01	30.30	1.181	.3583	555.5	.1656-02
80	.75000	.80000	142.00	.4527-01	.5360-01	.5904-01	30.37	1.375	.3570	553.5	.1923-02
80	.75000	.90000	143.00	.2900-01	.3435-01	.3785-01	30.29	.8783	.3585	555.9	.1232-02
80	.75000	.95000	144.00	.2640-01	.3127-01	.3445-01	30.29	.7996	.3585	555.9	.1122-02
80	.80000	.40000	147.00	.2760-01	.3270-01	.3603-01	30.26	.8353	.3590	556.7	.1173-02
80	.85000	.20000	150.00	.1158	.1371	.1510	30.40	3.521	.3563	552.5	.4920-02
80	.85000	.40000	151.00	.5531-01	.6560-01	.7232-01	30.10	1.665	.3623	561.8	.2353-02
80	.90000	.00000	152.00	.1911	.2269	.2503	29.96	5.726	.3652	566.3	.8135-02
80	.90000	.10000+00	153.00	.1252	.1486	.1639	29.94	3.748	.3657	567.0	.5329-02
80	.90000	.20000	154.00	.8374-01	.9941-01	.1097	29.94	2.507	.3656	566.9	.3565-02
63	.90000	.60000	1157.0	.4772-01	.5649-01	.6220-01	30.72	1.466	.3557	555.1	.2029-02
80	.90000	.80000	158.00	.3412-01	.4043-01	.4456-01	30.23	1.031	.3597	557.8	.1450-02
80	.90000	.90000	159.00	.2231-01	.2645-01	.2916-01	30.18	.6735	.3607	559.3	.9488-03
80	.95000	.10000+00	162.00	.1093	.1298	.1433	29.85	3.262	.3675	569.8	.4655-02
80	.95000	.30000	164.00	.7633-01	.9066-01	.1000	29.87	2.280	.3670	569.1	.3250-02
80	.95000	.50000	165.00	.4896-01	.5911-01	.6409-01	29.98	1.468	.3647	565.5	.2084-02
80	.95000	.70000	166.00	.3867-01	.4585-01	.5054-01	30.14	1.166	.3615	560.5	.1644-02
73	.95000	.80000	167.00	.3409-01	.4036-01	.4445-01	30.47	1.039	.3565	553.3	.1447-02
73	.95000	.90000	168.00	.2430-01	.2878-01	.3170-01	30.44	.7397	.3571	554.2	.1032-02

OH105B 60-0 WING LOWER SURFACE (R3RQ30)

WING LOWER SURF

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
64	10.00	.0000	7.300	1.915	465.9	1533.	378.1	.8347-01	135.2	.5182-04	4160.	.1750-01
74	10.00	.0000	7.300	1.946	465.5	1518.	374.1	.8347-01	133.7	.5238-04	4138.	.1750-01
79	10.00	.0000	7.300	1.949	465.4	1516.	373.7	.8347-01	133.6	.5243-04	4135.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
64	.0000	.1788
74	.0000	.1786
79	.0000	.1786

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
64	.30000	.10000+00	1075.0	.5206-01	.6157-01	.6775-01	43.76	2.278	.3523	555.2	.1586-02
64	.30000	.20000	1076.0	.4521-01	.5343-01	.5877-01	43.95	1.987	.3495	550.8	.1377-02
64	.30000	.30000	1077.0	.4023-01	.4754-01	.5229-01	43.96	1.769	.3495	550.7	.1225-02
64	.30000	.40000	1078.0	.2748-01	.3247-01	.3572-01	43.98	1.209	.3492	550.3	.8369-03
64	.30000	.50000	1079.0	.1990-01	.2352-01	.2586-01	44.01	.8761	.3487	549.4	.6060-03
64	.30000	.60000	1080.0	.2091-01	.2470-01	.2716-01	44.02	.9204	.3486	549.2	.6365-03
64	.30000	.70000	1081.0	.2263-01	.2673-01	.2940-01	44.00	.9957	.3488	549.7	.6889-03
64	.30000	.80000	1082.0	.1343-01	.1586-01	.1744-01	44.01	.5909	.3488	549.5	.4088-03
79	.30000	.90000	83.000	.1459-01	.1726-01	.1900-01	43.14	.6295	.3533	550.2	.4417-03
79	.30000	.95000	84.000	.1162-01	.1375-01	.1514-01	43.09	.5008	.3541	551.4	.3519-03
64	.40000	.30000	1090.0	.3379-01	.3992-01	.4390-01	44.01	1.487	.3488	549.6	.1029-02
64	.40000	.60000	1092.0	.2295-01	.2711-01	.2981-01	44.09	1.012	.3476	547.7	.6987-03
64	.40000	.70000	1093.0	.2163-01	.2555-01	.2809-01	44.06	.9531	.3480	548.3	.6584-03
64	.40000	.75000	1094.0	.1928-01	.2278-01	.2505-01	44.06	.8496	.3480	548.4	.5870-03
79	.40000	.85000	95.000	.1431-01	.1693-01	.1864-01	43.13	.6174	.3534	550.3	.4333-03
79	.40000	.90000	96.000	.1136-01	.1344-01	.1480-01	43.04	.4889	.3547	552.4	.3439-03
64	.50000	.60000	1105.0	.4466-01	.5275-01	.5801-01	44.05	1.967	.3481	548.5	.1360-02

OH105B 60-0 WING LOWER SURFACE (R3RQ30)

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
64	.50000	.70000	1106.0	.3164-01	.3737-01	.4109-01	44.08	1.395	.3477	547.8	.9631-03
64	.60000	.25000-01	1110.0	.3611	.4271	.4700	43.73	15.79	.3527	555.7	.1100-01
64	.60000	.75000-01	1112.0	.1500	.1774	.1952	43.76	6.565	.3523	555.1	.4571-02
64	.60000	.10000+00	1113.0	.1141	.1349	.1485	43.77	4.994	.3522	554.9	.3477-02
64	.60000	.20000	1114.0	.7909-01	.9351-01	.1029	43.79	3.463	.3518	554.3	.2410-02
64	.60000	.30000	1115.0	.7995-01	.9452-01	.1040	43.84	3.505	.3511	553.3	.2435-02
64	.60000	.40000	1116.0	.8040-01	.9502-01	.1045	43.90	3.529	.3503	552.0	.2449-02
64	.60000	.50000	1117.0	.7117-01	.8411-01	.9252-01	43.93	3.127	.3499	551.3	.2167-02
64	.60000	.70000	1119.0	.4827-01	.5705-01	.6275-01	43.91	2.120	.3501	551.7	.1470-02
79	.60000	.80000	120.00	.2320-01	.2745-01	.3022-01	43.08	.9995	.3541	551.4	.7024-03
79	.60000	.90000	122.00	.1715-01	.2030-01	.2236-01	42.90	.7356	.3567	555.5	.5194-03
79	.60000	.95000	123.00	.1205-01	.1428-01	.1573-01	42.83	.5162	.3578	557.2	.3652-03
79	.70000	.60000	131.00	.5786-01	.6851-01	.7545-01	42.92	2.484	.3565	555.1	.1753-02
79	.70000	.90000	132.00	.4340-01	.5143-01	.5667-01	42.71	1.853	.3595	559.8	.1316-02
79	.75000	.40000	139.00	.4227-01	.5008-01	.5518-01	42.75	1.807	.3589	558.9	.1281-02
79	.75000	.60000	140.00	.3470-01	.4111-01	.4529-01	42.78	1.485	.3585	558.2	.1052-02
79	.75000	.80000	142.00	.4257-01	.5042-01	.5554-01	42.83	1.823	.3578	557.1	.1290-02
79	.75000	.90000	143.00	.2686-01	.3184-01	.3509-01	42.63	1.145	.3607	561.7	.8144-03
79	.75000	.95000	144.00	.2450-01	.2904-01	.3201-01	42.62	1.044	.3608	561.8	.7428-03
79	.80000	.40000	147.00	.6599-01	.7826-01	.8628-01	42.53	2.807	.3621	563.8	.2002-02
79	.85000	.20000	150.00	.8268-01	.9813-01	.1082	42.35	3.502	.3647	567.9	.2509-02
79	.85000	.40000	151.00	.5216-01	.6193-01	.6833-01	42.24	2.203	.3663	570.4	.1583-02
79	.90000	.00000	152.00	.1779	.2115	.2336	41.88	7.450	.3714	578.4	.5407-02
79	.90000	.10000+00	153.00	.1193	.1418	.1567	41.83	4.988	.3722	579.6	.3625-02
79	.90000	.20000	154.00	.7602-01	.9042-01	.9987-01	41.86	3.182	.3718	579.0	.2311-02
64	.90000	.60000	1157.0	.4578-01	.5427-01	.5981-01	43.16	1.976	.3608	568.5	.1397-02
79	.90000	.80000	158.00	.3381-01	.4011-01	.4423-01	42.46	1.435	.3631	565.5	.1026-02
79	.90000	.90000	159.00	.2467-01	.2928-01	.3230-01	42.33	1.044	.3650	568.4	.7487-03
79	.95000	.10000+00	162.00	.1087	.1294	.1431	41.55	4.515	.3763	585.9	.3307-02
79	.95000	.30000	164.00	.7175-01	.8542-01	.9441-01	41.64	2.988	.3749	583.8	.2183-02
79	.95000	.50000	165.00	.4703-01	.5594-01	.6178-01	41.87	1.969	.3716	578.7	.1430-02
74	.95000	.80000	167.00	.3305-01	.3920-01	.4322-01	42.56	1.407	.3625	565.1	.1003-02
74	.95000	.90000	168.00	.2344-01	.2781-01	.3067-01	42.51	.9966	.3631	566.1	.7117-03

OH105B 60-0 WING LOWER SURFACE (R3RQ31)

WING LOWER SURF

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
62	15.00	.0000	7.300	.9990	235.6	1505.	370.8	.4230-01	132.6	.2677-04	4120.	.1750-01
76	15.00	.0000	7.300	1.012	235.6	1494.	367.8	.4233-01	131.5	.2701-04	4103.	.1750-01
77	15.00	.0000	7.300	.9958	236.9	1513.	372.8	.4250-01	133.3	.2676-04	4131.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
62	.0000	.1271
76	.0000	.1270
77	.0000	.1274

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
62	.30000	.10000+00	1075.0	.6049-01	.7160-01	.7885-01	30.35	1.836	.3556	549.7	.2563-02
62	.30000	.20000	1076.0	.5543-01	.6556-01	.7215-01	30.49	1.690	.3528	545.2	.2347-02
62	.30000	.30000	1077.0	.4986-01	.5897-01	.6489-01	30.49	1.520	.3527	545.1	.2111-02
62	.30000	.40000	1078.0	.3541-01	.4188-01	.4609-01	30.49	1.080	.3527	545.1	.1499-02
62	.30000	.50000	1079.0	.2434-01	.2878-01	.3166-01	30.55	.7436	.3515	543.2	.1030-02
62	.30000	.60000	1080.0	.2472-01	.2923-01	.3216-01	30.53	.7548	.3519	543.8	.1046-02
62	.30000	.70000	1081.0	.2294-01	.2712-01	.2985-01	30.53	.7002	.3520	544.0	.9709-03
62	.30000	.80000	1082.0	.1676-01	.1981-01	.2180-01	30.56	.5121	.3513	543.0	.7093-03
77	.30000	.90000	83.000	.1782-01	.2108-01	.2321-01	30.71	.5473	.3534	549.0	.7552-03
77	.30000	.95000	84.000	.1086-01	.1285-01	.1415-01	30.71	.3337	.3532	548.8	.4603-03
62	.40000	.30000	1090.0	.4458-01	.5271-01	.5800-01	30.53	1.361	.3520	544.0	.1887-02
62	.40000	.60000	1092.0	.3017-01	.3566-01	.3923-01	30.58	.9225	.3509	542.3	.1277-02
62	.40000	.70000	1093.0	.2899-01	.3427-01	.3771-01	30.58	.8865	.3509	542.4	.1227-02
62	.40000	.75000	1094.0	.2621-01	.3099-01	.3409-01	30.58	.8016	.3509	542.3	.1109-02
77	.40000	.85000	95.000	.1992-01	.2357-01	.2594-01	30.71	.6118	.3534	549.0	.8441-03
77	.40000	.90000	96.000	.1572-01	.1860-01	.2048-01	30.68	.4824	.3539	549.9	.6663-03
62	.50000	.60000	1105.0	.5747-01	.6793-01	.7474-01	30.58	1.757	.3509	542.4	.2432-02

OH105B 60-0 WING LOWER SURFACE (R3RQ31)

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
62	.50000	.70000	1106.0	.4317-01	.5103-01	.5614-01	30.60	1.321	.3506	541.8	.1827-02
62	.60000	.25000-01	1110.0	.2540	.3006	.3309	30.41	7.725	.3544	547.6	.1076-01
62	.60000	.75000-01	1112.0	.1251	.1480	.1629	30.43	3.806	.3540	547.1	.5297-02
62	.60000	.10000+00	1113.0	.9155-01	.1083	.1192	30.43	2.786	.3539	547.0	.3877-02
62	.60000	.20000	1114.0	.5065-01	.5992-01	.6595-01	30.45	1.542	.3535	546.3	.2145-02
62	.60000	.30000	1115.0	.4457-01	.5272-01	.5802-01	30.49	1.359	.3528	545.3	.1887-02
62	.60000	.40000	1116.0	.4558-01	.5391-01	.5932-01	30.51	1.391	.3523	544.5	.1930-02
62	.60000	.50000	1117.0	.4246-01	.5020-01	.5524-01	30.54	1.296	.3518	543.6	.1797-02
62	.60000	.70000	1119.0	.3212-01	.3797-01	.4178-01	30.55	.9811	.3516	543.3	.1359-02
77	.60000	.80000	120.00	.2133-01	.2523-01	.2777-01	30.69	.6545	.3537	549.6	.9037-03
77	.60000	.90000	122.00	.1753-01	.2075-01	.2284-01	30.62	.5368	.3551	551.7	.7430-03
77	.60000	.95000	123.00	.1241-01	.1469-01	.1618-01	30.58	.3795	.3558	552.8	.5261-03
77	.70000	.60000	131.00	.7257-01	.8592-01	.9462-01	30.56	2.218	.3563	553.6	.3077-02
77	.70000	.90000	132.00	.4336-01	.5135-01	.5656-01	30.52	1.323	.3572	555.0	.1839-02
77	.75000	.40000	139.00	.4779-01	.5660-01	.6235-01	30.49	1.457	.3577	555.8	.2027-02
77	.75000	.80000	142.00	.4957-01	.5869-01	.6463-01	30.57	1.515	.3562	553.4	.2102-02
77	.75000	.90000	143.00	.3132-01	.3709-01	.4086-01	30.47	.9542	.3581	556.4	.1328-02
77	.75000	.95000	144.00	.2839-01	.3363-01	.3705-01	30.47	.8650	.3581	556.5	.1204-02
77	.80000	.40000	147.00	.5436-01	.6443-01	.7101-01	30.36	1.650	.3604	559.9	.2307-02
77	.85000	.20000	150.00	.8782-01	.1042	.1150	30.14	2.647	.3647	566.7	.3730-02
77	.85000	.40000	151.00	.6670-01	.7913-01	.8727-01	30.20	2.014	.3636	565.0	.2832-02
77	.90000	.00000	152.00	.1839	.2184	.2410	30.03	5.522	.3670	570.2	.7815-02
77	.90000	.10000+00	153.00	.1413	.1678	.1852	29.99	4.236	.3678	571.5	.6004-02
77	.90000	.20000	154.00	.9513-01	.1130	.1247	29.99	2.853	.3677	571.4	.4043-02
62	.90000	.60000	1157.0	.6026-01	.7134-01	.7855-01	30.34	1.828	.3558	549.9	.2553-02
77	.90000	.80000	158.00	.4521-01	.5360-01	.5908-01	30.32	1.371	.3611	561.1	.1919-02
77	.90000	.90000	159.00	.3401-01	.4033-01	.4447-01	30.26	1.029	.3624	563.1	.1444-02
77	.95000	.10000+00	162.00	.1260	.1498	.1654	29.83	3.758	.3710	576.4	.5359-02
77	.95000	.30000	164.00	.8972-01	.1067	.1178	29.86	2.679	.3705	575.6	.3816-02
77	.95000	.50000	165.00	.6028-01	.7162-01	.7906-01	29.96	1.806	.3685	572.6	.2563-02
77	.95000	.70000	166.00	.4849-01	.5753-01	.6343-01	30.22	1.465	.3633	564.4	.2059-02
76	.95000	.80000	167.00	.4427-01	.5264-01	.5813-01	29.36	1.300	.3707	568.3	.1872-02
76	.95000	.90000	168.00	.3086-01	.3670-01	.4054-01	29.30	.9042	.3720	570.2	.1306-02

OH105B 60-0 WING LOWER SURFACE (R3RQ32)

WING LOWER SURF

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
60	15.00	.0000	7.300	1.977	465.3	1503.	370.3	.8353-01	132.4	.5296-04	4117.	.1750-01
75	15.00	.0000	7.300	1.963	465.3	1509.	371.9	.8350-01	133.0	.5270-04	4126.	.1750-01
78	15.00	.0000	7.300	1.967	465.7	1508.	371.6	.8356-01	132.9	.5278-04	4124.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
60	.0000	.1785
75	.0000	.1786
78	.0000	.1786

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
60	.30000	.10000+00	1075.0	.5883-01	.6983-01	.7703-01	41.92	2.466	.3651	563.5	.1775-02
60	.30000	.20000	1076.0	.5562-01	.6598-01	.7276-01	42.05	2.339	.3632	560.5	.1678-02
60	.30000	.30000	1077.0	.5053-01	.5994-01	.6609-01	42.08	2.126	.3629	560.0	.1524-02
60	.30000	.40000	1078.0	.3323-01	.3942-01	.4346-01	42.11	1.399	.3625	559.4	.1002-02
60	.30000	.50000	1079.0	.2826-01	.3351-01	.3694-01	42.16	1.191	.3616	558.1	.8522-03
60	.30000	.60000	1080.0	.2647-01	.3139-01	.3460-01	42.19	1.117	.3612	557.4	.7983-03
60	.30000	.70000	1081.0	.2870-01	.3403-01	.3751-01	42.19	1.211	.3613	557.5	.8655-03
60	.30000	.80000	1082.0	.2392-01	.2837-01	.3127-01	42.18	1.009	.3614	557.6	.7215-03
78	.30000	.90000	83.000	.2104-01	.2493-01	.2746-01	42.60	.8966	.3578	554.1	.6353-03
78	.30000	.95000	84.000	.1860-01	.2203-01	.2427-01	42.56	.7915	.3585	555.2	.5616-03
60	.40000	.30000	1090.0	.4011-01	.4757-01	.5244-01	42.14	1.690	.3620	558.6	.1210-02
60	.40000	.60000	1092.0	.2703-01	.3204-01	.3531-01	42.26	1.143	.3602	555.9	.8150-03
60	.40000	.70000	1093.0	.2498-01	.2961-01	.3263-01	42.23	1.055	.3607	556.6	.7531-03
60	.40000	.75000	1094.0	.2232-01	.2646-01	.2917-01	42.22	.9424	.3609	556.9	.6731-03
78	.40000	.85000	95.000	.1752-01	.2075-01	.2285-01	42.61	.7464	.3577	554.0	.5288-03
78	.40000	.90000	96.000	.1353-01	.1603-01	.1766-01	42.52	.5752	.3590	555.9	.4084-03
60	.50000	.60000	1105.0	.7004-01	.8304-01	.9153-01	42.20	2.956	.3610	557.1	.2112-02

OH105B 60-0 WING LOWER SURFACE (R3RQ32)

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
60	.50000	.70000	1106.0	.4607-01	.5461-01	.6019-01	42.23	1.946	.3607	556.6	.1389-02
60	.60000	.25000-01	1110.0	.2371	.2816	.3107	41.81	9.912	.3668	566.1	.7159-02
60	.60000	.75000-01	1112.0	.1170	.1389	.1533	41.84	4.894	.3664	565.4	.3532-02
60	.60000	.10000+00	1113.0	.8545-01	.1015	.1119	41.84	3.575	.3663	565.3	.2580-02
60	.60000	.20000	1114.0	.6104-01	.7246-01	.7995-01	41.87	2.556	.3659	564.6	.1843-02
60	.60000	.30000	1115.0	.7173-01	.8514-01	.9392-01	41.93	3.008	.3650	563.2	.2165-02
60	.60000	.40000	1116.0	.8107-01	.9619-01	.1061	42.01	3.406	.3638	561.5	.2446-02
60	.60000	.50000	1117.0	.7511-01	.8911-01	.9826-01	42.05	3.159	.3632	560.5	.2266-02
60	.60000	.70000	1119.0	.5183-01	.6148-01	.6780-01	42.06	2.180	.3631	560.3	.1564-02
78	.60000	.80000	120.00	.3046-01	.3608-01	.3975-01	42.57	1.296	.3583	555.0	.9196-03
78	.60000	.90000	122.00	.2515-01	.2982-01	.3286-01	42.38	1.066	.3610	559.1	.7598-03
78	.60000	.95000	123.00	.1776-01	.2107-01	.2323-01	42.30	.7515	.3621	560.8	.5368-03
78	.70000	.60000	131.00	.1202	.1425	.1570	42.38	5.093	.3610	559.1	.3631-02
78	.70000	.90000	132.00	.6552-01	.7774-01	.8573-01	42.20	2.765	.3636	563.1	.1981-02
78	.75000	.40000	139.00	.8304-01	.9850-01	.1086	42.24	3.508	.3630	562.2	.2510-02
78	.75000	.80000	142.00	.5620-01	.6664-01	.7348-01	42.34	2.378	.3617	560.1	.1698-02
78	.75000	.90000	143.00	.3336-01	.3959-01	.4367-01	42.12	1.405	.3647	564.9	.1009-02
78	.80000	.40000	147.00	.6726-01	.7986-01	.8812-01	42.01	2.825	.3664	567.5	.2034-02
78	.85000	.20000	150.00	.4488-01	.5333-01	.5887-01	41.84	1.878	.3688	571.1	.1358-02
78	.85000	.40000	151.00	.6488-01	.7714-01	.8518-01	41.75	2.709	.3701	573.2	.1965-02
78	.90000	.00000	152.00	.1782	.2121	.2344	41.46	7.387	.3744	579.9	.5400-02
78	.90000	.10000+00	153.00	.1380	.1643	.1816	41.38	5.708	.3755	581.6	.4182-02
78	.90000	.20000	154.00	.9448-01	.1125	.1243	41.38	3.911	.3754	581.3	.2864-02
60	.90000	.60000	1157.0	.5934-01	.6948-01	.7681-01	41.16	2.401	.3763	580.7	.1765-02
78	.90000	.80000	158.00	.4450-01	.5285-01	.5832-01	41.96	1.867	.3670	568.5	.1346-02
78	.90000	.90000	159.00	.3022-01	.3591-01	.3964-01	41.84	1.265	.3688	571.2	.9147-03
78	.95000	.10000+00	162.00	.1166	.1390	.1538	41.14	4.798	.3789	586.9	.3538-02
78	.95000	.30000	164.00	.8556-01	.1020	.1128	41.20	3.525	.3782	585.7	.2595-02
78	.95000	.50000	165.00	.5756-01	.6851-01	.7572-01	41.44	2.385	.3747	580.3	.1744-02
75	.95000	.80000	167.00	.4371-01	.5193-01	.5732-01	41.92	1.833	.3680	570.4	.1324-02
75	.95000	.90000	168.00	.3032-01	.3603-01	.3977-01	41.86	1.269	.3688	571.7	.9184-03

OH105B 60-O WING LOWER SURFACE (R3RQ33)

WING LOWER SURF

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
117	20.00	.0000	7.300	1.047	240.5	1482.	364.8	.4325-01	130.4	.2782-04	4086.	.1750-01
118	20.00	.0000	7.300	.9668	235.6	1534.	378.5	.4221-01	135.3	.2618-04	4162.	.1750-01
121	20.00	.0000	7.300	1.006	235.4	1498.	369.0	.4228-01	131.9	.2690-04	4109.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
117	.0000	.1283
118	.0000	.1272
121	.0000	.1270

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
117	.30000	.10000+00	1075.0	.6851-01	.8120-01	.8949-01	29.93	2.051	.3601	547.6	.2846-02
117	.30000	.20000	1076.0	.6615-01	.7841-01	.8642-01	29.93	1.980	.3603	547.8	.2748-02
117	.30000	.30000	1077.0	.6229-01	.7383-01	.8137-01	29.93	1.864	.3602	547.7	.2588-02
117	.30000	.40000	1078.0	.4168-01	.4940-01	.5445-01	29.93	1.248	.3601	547.6	.1732-02
117	.30000	.50000	1079.0	.2625-01	.3110-01	.3427-01	29.97	.7868	.3593	546.3	.1090-02
117	.30000	.60000	1080.0	.2676-01	.3171-01	.3495-01	29.94	.8013	.3599	547.2	.1112-02
117	.30000	.70000	1081.0	.2606-01	.3089-01	.3404-01	29.92	.7797	.3604	548.0	.1083-02
117	.30000	.80000	1082.0	.1848-01	.2191-01	.2415-01	29.88	.5523	.3612	549.2	.7680-03
121	.30000	.90000	83.000	.1803-01	.2133-01	.2349-01	30.25	.5456	.3540	544.4	.7615-03
121	.30000	.95000	84.000	.1614-01	.1910-01	.2104-01	30.19	.4873	.3554	546.5	.6818-03
117	.40000	.30000	1090.0	.5471-01	.6484-01	.7145-01	29.94	1.638	.3599	547.2	.2273-02
117	.40000	.60000	1092.0	.3891-01	.4610-01	.5079-01	29.99	1.167	.3589	545.7	.1616-02
117	.40000	.70000	1093.0	.3927-01	.4653-01	.5128-01	29.96	1.177	.3595	546.6	.1631-02
117	.40000	.75000	1094.0	.3664-01	.4342-01	.4785-01	29.96	1.098	.3595	546.7	.1522-02
121	.40000	.85000	95.000	.2986-01	.3532-01	.3887-01	30.29	.9044	.3533	543.3	.1261-02
121	.40000	.90000	96.000	.2336-01	.2764-01	.3044-01	30.21	.7056	.3550	545.8	.9866-03
121	.40000	.95000	97.000	.1919-01	.2272-01	.2502-01	30.14	.5785	.3563	547.9	.8108-03

OH105B 60-0 WING LOWER SURFACE (R3RQ33)

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
117	.50000	.60000	1105.0	.6184-01	.7328-01	.8075-01	29.97	1.854	.3593	546.2	.2569-02
117	.50000	.70000	1106.0	.4315-01	.5112-01	.5632-01	30.01	1.295	.3586	545.2	.1792-02
117	.60000	.25000-01	1110.0	.2756	.3271	.3608	29.71	8.187	.3647	554.6	.1146-01
117	.60000	.75000-01	1112.0	.1480	.1756	.1936	29.75	4.402	.3639	553.3	.6153-02
117	.60000	.10000+00	1113.0	.1120	.1328	.1465	29.76	3.332	.3637	553.0	.4655-02
117	.60000	.20000	1114.0	.6962-01	.8259-01	.9106-01	29.80	2.075	.3629	551.8	.2894-02
117	.60000	.30000	1115.0	.6543-01	.7759-01	.8554-01	29.84	1.952	.3620	550.5	.2719-02
117	.60000	.40000	1116.0	.6463-01	.7663-01	.8447-01	29.87	1.931	.3613	549.4	.2686-02
117	.60000	.50000	1117.0	.5925-01	.7024-01	.7741-01	29.91	1.772	.3607	548.4	.2462-02
117	.60000	.70000	1119.0	.4114-01	.4876-01	.5373-01	29.94	1.232	.3599	547.2	.1709-02
121	.60000	.80000	120.00	.2705-01	.3200-01	.3523-01	30.26	.8183	.3540	544.3	.1142-02
121	.60000	.90000	122.00	.2466-01	.2920-01	.3216-01	30.11	.7423	.3571	549.1	.1042-02
121	.60000	.95000	123.00	.1947-01	.2307-01	.2541-01	30.04	.5850	.3584	551.0	.8231-03
121	.70000	.60000	131.00	.6203-01	.7346-01	.8091-01	30.09	1.867	.3573	549.5	.2621-02
121	.70000	.90000	132.00	.7024-01	.8324-01	.9173-01	29.97	2.105	.3598	553.3	.2970-02
121	.75000	.40000	139.00	.5875-01	.6960-01	.7668-01	30.03	1.764	.3586	551.5	.2484-02
121	.75000	.80000	142.00	.4843-01	.5735-01	.6318-01	30.08	1.457	.3576	549.8	.2047-02
121	.75000	.90000	143.00	.2908-01	.3448-01	.3800-01	29.91	.8699	.3611	555.2	.1230-02
121	.75000	.95000	144.00	.2771-01	.3286-01	.3622-01	29.91	.8289	.3611	555.3	.1172-02
121	.80000	.40000	147.00	.5973-01	.7089-01	.7819-01	29.75	1.777	.3644	560.3	.2529-02
121	.85000	.20000	150.00	.1239	.1471	.1623	29.65	3.674	.3665	563.5	.5247-02
121	.85000	.40000	151.00	.8118-01	.9635-01	.1063	29.71	2.412	.3651	561.4	.3437-02
121	.90000	.00000	152.00	.1867	.2218	.2449	29.54	5.514	.3688	567.1	.7911-02
121	.90000	.10000+00	153.00	.1618	.1923	.2123	29.49	4.770	.3698	568.6	.6855-02
121	.90000	.20000	154.00	.1177	.1399	.1545	29.49	3.471	.3698	568.6	.4989-02
117	.90000	.60000	1157.0	.6891-01	.8178-01	.9021-01	29.70	2.047	.3648	554.7	.2866-02
121	.90000	.80000	158.00	.4953-01	.5876-01	.6479-01	29.82	1.477	.3630	556.2	.2096-02
121	.90000	.90000	159.00	.3815-01	.4528-01	.4995-01	29.72	1.134	.3650	561.3	.1615-02
121	.95000	.10000+00	162.00	.1596	.1901	.2102	29.12	4.646	.3774	580.3	.6775-02
121	.95000	.30000	164.00	.1066	.1268	.1401	29.38	3.133	.3720	572.0	.4522-02
121	.95000	.50000	165.00	.7305-01	.8681-01	.9584-01	29.52	2.156	.3692	567.7	.3096-02
121	.95000	.70000	166.00	.5335-01	.6332-01	.6984-01	29.73	1.586	.3649	561.1	.2258-02
118	.95000	.80000	167.00	.5223-01	.6178-01	.6800-01	31.12	1.625	.3530	556.9	.2240-02
118	.95000	.90000	168.00	.3668-01	.4339-01	.4776-01	31.10	1.140	.3535	557.7	.1573-02

OH105B 60-0 WING LOWER SURFACE (R3RQ34)

WING LOWER SURF

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
116	20.00	.0000	7.300	2.017	468.7	1492.	367.4	.8420-01	131.3	.5380-04	4100.	.1750-01
119	20.00	.0000	7.300	2.037	467.4	1481.	364.5	.8404-01	130.3	.5412-04	4084.	.1750-01
120	20.00	.0000	7.300	1.995	468.4	1501.	369.8	.8410-01	132.2	.5339-04	4114.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
116	.0000	.1791
119	.0000	.1788
120	.0000	.1791

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
116	.30000	.10000+00	1075.0	.6707-01	.7943-01	.8750-01	42.26	2.834	.3575	547.4	.2004-02
116	.30000	.20000	1076.0	.6512-01	.7713-01	.8496-01	42.26	2.752	.3575	547.3	.1946-02
116	.30000	.30000	1077.0	.6360-01	.7531-01	.8295-01	42.28	2.689	.3572	546.9	.1900-02
116	.30000	.40000	1078.0	.4013-01	.4753-01	.5235-01	42.28	1.697	.3572	546.9	.1199-02
116	.30000	.50000	1079.0	.2995-01	.3546-01	.3905-01	42.33	1.268	.3565	545.8	.8946-03
116	.30000	.60000	1080.0	.2873-01	.3401-01	.3746-01	42.31	1.216	.3567	546.2	.8580-03
116	.30000	.70000	1081.0	.2780-01	.3292-01	.3626-01	42.31	1.176	.3568	546.3	.8305-03
116	.30000	.80000	1082.0	.2025-01	.2398-01	.2642-01	42.25	.8555	.3576	547.6	.6050-03
120	.30000	.90000	83.000	.2089-01	.2472-01	.2721-01	42.80	.8942	.3537	545.1	.6264-03
120	.30000	.95000	84.000	.1741-01	.2060-01	.2268-01	42.73	.7437	.3547	546.7	.5219-03
116	.40000	.30000	1090.0	.5149-01	.6097-01	.6715-01	42.29	2.177	.3570	546.7	.1538-02
116	.40000	.60000	1092.0	.3568-01	.4224-01	.4651-01	42.38	1.512	.3558	544.7	.1066-02
116	.40000	.70000	1093.0	.3546-01	.4198-01	.4624-01	42.34	1.502	.3563	545.5	.1059-02
116	.40000	.75000	1094.0	.3265-01	.3866-01	.4258-01	42.34	1.383	.3563	545.5	.9753-03
120	.40000	.85000	95.000	.2726-01	.3224-01	.3549-01	42.80	1.167	.3536	545.0	.8171-03
120	.40000	.90000	96.000	.2103-01	.2489-01	.2741-01	42.71	.8983	.3550	547.1	.6307-03
120	.40000	.95000	97.000	.1707-01	.2021-01	.2226-01	42.64	.7280	.3560	548.6	.5121-03

OH105B 60-0 WING LOWER SURFACE (R3RQ34)

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
116	.50000	.60000	1105.0	.6023-01	.7130-01	.7852-01	42.35	2.551	.3562	545.4	.1799-02
116	.50000	.70000	1106.0	.4031-01	.4771-01	.5254-01	42.38	1.708	.3557	544.6	.1204-02
116	.60000	.25000-01	1110.0	.2672	.3170	.3494	41.93	11.21	.3623	554.8	.7993-02
116	.60000	.50000-01	1111.0	.8301-02	.1012-01	.1136-01	36.47	.3027	.4425	677.5	.2538-03
116	.60000	.75000-01	1112.0	.1452	.1722	.1898	41.99	6.096	.3615	553.5	.4342-02
116	.60000	.10000+00	1113.0	.1092	.1295	.1427	42.00	4.586	.3613	553.1	.3265-02
116	.60000	.20000	1114.0	.7129-01	.8450-01	.9314-01	42.05	2.998	.3606	552.0	.2131-02
116	.60000	.30000	1115.0	.7537-01	.8931-01	.9842-01	42.12	3.174	.3596	550.5	.2253-02
116	.60000	.40000	1116.0	.8244-01	.9767-01	.1076	42.18	3.478	.3586	549.1	.2464-02
116	.60000	.50000	1117.0	.8154-01	.9659-01	.1064	42.22	3.443	.3580	548.2	.2436-02
116	.60000	.70000	1119.0	.9681-01	.1147	.1263	42.25	4.090	.3577	547.6	.2892-02
120	.60000	.80000	120.00	.7161-01	.8473-01	.9327-01	42.77	3.063	.3541	545.8	.2147-02
120	.60000	.90000	122.00	.5884-01	.6968-01	.7675-01	42.54	2.503	.3574	550.9	.1765-02
120	.60000	.95000	123.00	.5079-01	.6020-01	.6635-01	42.34	2.150	.3604	555.5	.1525-02
120	.70000	.60000	131.00	.1813	.2148	.2367	42.45	7.697	.3587	552.9	.5442-02
120	.70000	.90000	132.00	.8995-01	.1066	.1175	42.39	3.813	.3596	554.2	.2700-02
120	.75000	.40000	139.00	.1268	.1505	.1660	42.01	5.326	.3651	562.7	.3810-02
120	.75000	.60000	140.00	.1474	.1746	.1924	42.42	6.251	.3592	553.7	.4424-02
120	.75000	.80000	142.00	.8609-01	.1019	.1123	42.56	3.664	.3571	550.4	.2583-02
120	.75000	.90000	143.00	.3972-01	.4708-01	.5190-01	42.31	1.680	.3608	556.1	.1193-02
120	.75000	.95000	144.00	.4626-01	.5484-01	.6044-01	42.31	1.957	.3609	556.2	.1389-02
120	.80000	.40000	147.00	.1839	.2182	.2406	42.13	7.746	.3634	560.1	.5525-02
120	.85000	.20000	150.00	.8917-01	.1059	.1168	41.95	3.741	.3660	564.1	.2681-02
120	.85000	.40000	151.00	.7785-01	.9247-01	.1021	41.85	3.258	.3674	566.3	.2341-02
120	.90000	.00000	152.00	.1784	.2121	.2343	41.57	7.414	.3716	572.7	.5369-02
120	.90000	.10000+00	153.00	.1552	.1846	.2040	41.47	6.435	.3730	574.8	.4673-02
120	.90000	.20000	154.00	.1132	.1347	.1488	41.47	4.693	.3730	574.8	.3408-02
116	.90000	.60000	1157.0	.6756-01	.8023-01	.8853-01	41.63	2.813	.3667	561.5	.2023-02
120	.90000	.80000	158.00	.5950-01	.7057-01	.7781-01	42.17	2.509	.3628	559.1	.1787-02
120	.90000	.90000	159.00	.5513-01	.6542-01	.7217-01	42.04	2.318	.3647	562.1	.1657-02
120	.95000	.10000+00	162 00	.1876	.2243	.2487	40.34	7.567	.3895	600.2	.5672-02
120	.95000	.30000	164.00	.1002	.1193	.1318	41.31	4.139	.3753	578.4	.3018-02
120	.95000	.50000	165.00	.7041-01	.8372-01	.9245-01	41.62	2.930	.3709	571.6	.2119-02
120	.95000	.70000	166.00	.5449-01	.6467-01	.7133-01	42.03	2.290	.3648	562.3	.1638-02
119	.95000	.80000	167.00	.5181-01	.6158-01	.6798-01	41.06	2.127	.3694	561.2	.1547-02
119	.95000	.90000	168.00	.3623-01	.4307-01	.4756-01	41.02	1.486	.3700	562.1	.1082-02

OH105B 60-0 WING LOWER SURFACE (R3RQ35)

WING LOWER SURF

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
100	.0000	.0000	7.300	1.039	241.2	1491.	367.1	.4333-01	131.2	.2771-04	4099.	.1750-01
101	.0000	.0000	7.300	1.064	240.0	1466.	360.7	.4320-01	128.9	.2812-04	4063.	.1750-01
108	.0000	.0000	7.300	.9939	239.5	1524.	375.8	.4293-01	134.3	.2681-04	4147.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
100	.0000	.1285
101	.0000	.1281
108	.0000	.1232

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
108	.30000	.10000+00	1075.0	.3171-01	.3752-01	.4130-01	31.09	.9858	.3541	554.6	.1343-02
108	.30000	.20000	1076.0	.2482-01	.2936-01	.3232-01	31.09	.7715	.3541	554.7	.1051-02
108	.30000	.30000	1077.0	.2034-01	.2407-01	.2649-01	31.09	.6322	.3542	554.7	.8615-03
108	.30000	.40000	1078.0	.1439-01	.1703-01	.1875-01	31.08	.4474	.3542	554.7	.6097-03
108	.30000	.50000	1079.0	.1004-01	.1187-01	.1307-01	31.11	.3123	.3536	553.8	.4251-03
108	.30000	.60000	1080.0	.1046-01	.1237-01	.1362-01	31.11	.3254	.3537	553.9	.4430-03
108	.30000	.70000	1081.0	.8293-02	.9812-02	.1080-01	31.10	.2579	.3538	554.2	.3513-03
108	.30000	.80000	1082.0	.5989-02	.7087-02	.7802-02	31.06	.1860	.3547	555.5	.2537-03
100	.30000	.90000	83.000	.5918-02	.7008-02	.7719-02	30.31	.1793	.3572	546.5	.2463-03
100	.30000	.95000	84.000	.4281-02	.5072-02	.5589-02	30.23	.1294	.3588	548.9	.1783-03
108	.40000	.30000	1090.0	.1622-01	.1919-01	.2112-01	31.10	.5043	.3539	554.3	.6869-03
108	.40000	.60000	1092.0	.8979-02	.1062-01	.1169-01	31.15	.2797	.3528	552.5	.3802-03
108	.40000	.70000	1093.0	.7608-02	.8999-02	.9905-02	31.13	.2369	.3532	553.2	.3222-03
108	.40000	.75000	1094.0	.6570-02	.7772-02	.8554-02	31.14	.2046	.3531	553.1	.2782-03
100	.40000	.85000	95.000	.5544-02	.6565-02	.7231-02	30.32	.1681	.3569	546.1	.2308-03
100	.40000	.90000	96.000	.4949-02	.5863-02	.6460-02	30.24	.1497	.3585	548.4	.2061-03
108	.50000	.60000	1105.0	.1286-01	.1521-01	.1674-01	31.14	.4003	.3531	553.0	.5444-03

OH105B 60-0 WING LOWER SURFACE (R3RQ35)

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
108	.50000	.70000	1106.0	.9622-02	.1138-01	.1252-01	31.16	.2999	.3526	552.2	.4074-03
100	.50000	.90000	107.00	.1954-01	.2314-01	.2549-01	30.32	.5926	.3569	545.9	.8134-03
108	.60000	.25000-01	1110.0	.2709	.3210	.3537	30.85	8.359	.3588	562.0	.1149-01
108	.60000	.75000-01	1112.0	.9567-01	.1133	.1248	30.90	2.956	.3579	560.6	.4056-02
108	.60000	.10000+00	1113.0	.6579-01	.7792-01	.8584-01	30.90	2.033	.3578	560.5	.2789-02
108	.60000	.20000	1114.0	.3225-01	.3819-01	.4206-01	30.93	.9975	.3572	559.5	.1367-02
108	.60000	.30000	1115.0	.2614-01	.3095-01	.3409-01	30.98	.8100	.3562	557.9	.1108-02
108	.60000	.40000	1116.0	.2129-01	.2520-01	.2775-01	31.03	.6605	.3553	556.6	.9020-03
108	.60000	.50000	1117.0	.1852-01	.2192-01	.2413-01	31.06	.5752	.3548	555.6	.7847-03
108	.60000	.70000	1119.0	.1303-01	.1541-01	.1697-01	31.10	.4052	.3539	554.2	.5518-03
100	.60000	.80000	120.00	.1089-01	.1290-01	.1421-01	30.32	.3303	.3569	546.0	.4534-03
100	.60000	.90000	122.00	.1114-01	.1320-01	.1455-01	30.16	.3360	.3602	551.0	.4640-03
100	.60000	.95000	123.00	.8116-02	.9623-02	.1061-01	30.09	.2442	.3616	553.2	.3382-03
100	.70000	.60000	131.00	.1566-01	.1856-01	.2045-01	30.22	.4733	.3590	549.3	.6522-03
100	.70000	.90000	132.00	.1698-01	.2014-01	.2220-01	30.08	.5109	.3617	553.4	.7076-03
100	.75000	.40000	139.00	.3068-01	.3637-01	.4010-01	30.10	.9234	.3614	552.9	.1278-02
100	.75000	.60000	140.00	.2038-01	.2416-01	.2662-01	30.17	.6149	.3600	550.7	.8489-03
100	.75000	.80000	142.00	.1267-01	.1502-01	.1654-01	30.23	.3831	.3587	548.8	.5277-03
100	.75000	.90000	143.00	.6799-02	.8064-02	.8891-02	30.04	.2042	.3627	554.8	.2833-03
100	.75000	.95000	144.00	.7911-02	.9384-02	.1035-01	30.03	.2376	.3628	555.0	.3297-03
100	.80000	.40000	147.00	.1640-01	.1945-01	.2144-01	30.09	.4935	.3616	553.3	.6834-03
100	.85000	.20000	150.00	.4561-01	.5416-01	.5977-01	29.82	1.360	.3671	561.6	.1903-02
100	.85000	.40000	151.00	.3970-01	.4712-01	.5198-01	29.91	1.187	.3653	558.9	.1655-02
100	.90000	.00000	152.00	.1754	.2084	.2301	29.70	5.208	.3696	565.5	.7320-02
100	.90000	.10000+00	153.00	.8730-01	.1038	.1146	29.68	2.591	.3700	566.0	.3644-02
100	.90000	.20000	154.00	.5294-01	.6292-01	.6947-01	29.70	1.572	.3696	565.4	.2210-02
108	.90000	.60000	1157.0	.2505-01	.2969-01	.3272-01	30.80	.7717	.3598	563.5	.1062-02
100	.90000	.80000	158.00	.1772-01	.2101-01	.2316-01	30.06	.5326	.3621	554.0	.7382-03
100	.90000	.90000	159.00	.1175-01	.1395-01	.1538-01	29.94	.3519	.3646	557.7	.4899-03
100	.95000	.30000	164.00	.4810-01	.5718-01	.6315-01	29.64	1.426	.3707	567.1	.2008-02
100	.95000	.50000	165.00	.2998-01	.3561-01	.3930-01	29.80	.8932	.3676	562.4	.1251-02
100	.95000	.70000	166.00	.2266-01	.2688-01	.2964-01	30.01	.6799	.3633	555.7	.9444-03
101	.95000	.80000	167.00	.2558-01	.3042-01	.3360-01	29.02	.7423	.3713	558.0	.1059-02
101	.95000	.90000	168.00	.1991-01	.2368-01	.2616-01	28.98	.5770	.3720	559.2	.8244-03

OH105B 60-0 WING LOWER SURFACE (R3RQ36)

WING LOWER SURF

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
99	.0000	.0000	7.300	1.987	465.7	1500.	369.3	.8362-01	132.0	.5314-04	4111.	.1750-01
102	.0000	.0000	7.300	1.963	465.0	1509.	371.9	.8344-01	132.9	.5267-04	4125.	.1750-01
107	.0000	.0000	7.300	1.971	467.0	1509.	371.9	.8380-01	133.0	.5289-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
99	.0000	.1786
102	.0000	.1785
107	.0000	.1789

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
107	.30000	.10000+00	1075.0	.3059-01	.3629-01	.4001-01	42.34	1.295	.3629	562.4	.9237-03
107	.30000	.20000	1076.0	.2465-01	.2924-01	.3224-01	42.33	1.043	.3631	562.7	.7442-03
107	.30000	.30000	1077.0	.1924-01	.2282-01	.2516-01	42.34	.8145	.3630	562.6	.5809-03
107	.30000	.40000	1078.0	.1419-01	.1684-01	.1857-01	42.34	.6010	.3630	562.6	.4286-03
107	.30000	.50000	1079.0	.8316-02	.9862-02	.1087-01	42.38	.3525	.3623	561.6	.2511-03
107	.30000	.60000	1080.0	.9662-02	.1146-01	.1263-01	42.41	.4097	.3620	561.0	.2917-03
107	.30000	.70000	1081.0	.9922-02	.1177-01	.1297-01	42.38	.4205	.3624	561.7	.2995-03
107	.30000	.80000	1082.0	.1199-01	.1422-01	.1568-01	42.36	.5077	.3627	562.2	.3619-03
99	.30000	.90000	83.000	.6183-02	.7323-02	.8066-02	42.34	.2618	.3578	550.7	.1859-03
99	.30000	.95000	84.000	.3869-02	.4585-02	.5053-02	42.22	.1634	.3595	553.3	.1164-03
107	.40000	.30000	1090.0	.1452-01	.1722-01	.1899-01	42.36	.6151	.3627	562.1	.4384-03
107	.40000	.60000	1092.0	.8203-02	.9726-02	.1072-01	42.47	.3484	.3611	559.7	.2476-03
107	.40000	.70000	1093.0	.6766-02	.8023-02	.8845-02	42.42	.2870	.3618	560.8	.2042-03
107	.40000	.75000	1094.0	.5935-02	.7038-02	.7760-02	42.40	.2516	.3621	561.2	.1792-03
99	.40000	.85000	95.000	.4861-02	.5757-02	.6341-02	42.36	.2059	.3575	550.3	.1462-03
99	.40000	.90000	96.000	.4484-02	.5313-02	.5855-02	42.23	.1893	.3594	553.3	.1349-03
107	.50000	.60000	1105.0	.1641-01	.1946-01	.2145-01	42.41	.6960	.3619	561.0	.4954-03

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105B 60-0 WING LOWER SURFACE

(R3RQ36)

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
107	.50000	.70000	1106.0	.1218-01	.1444-01	.1592-01	42.43	.5169	.3616	560.4	.3677-03
99	.50000	.90000	107.00	.2231-01	.2643-01	.2913-01	42.22	.9418	.3595	553.4	.6711-03
107	.60000	.25000-01	1110.0	.2616	.3108	.3431	41.96	10.98	.3684	571.0	.7910-02
107	.60000	.75000-01	1112.0	.9469-01	.1125	.1242	41.99	3.976	.3680	570.4	.2863-02
107	.60000	.10000+00	1113.0	.6535-01	.7763-01	.8568-01	42.00	2.745	.3679	570.2	.1975-02
107	.60000	.20000	1114.0	.3152-01	.3744-01	.4132-01	42.03	1.325	.3675	569.5	.9528-03
107	.60000	.30000	1115.0	.2514-01	.2985-01	.3294-01	42.10	1.058	.3664	567.8	.7597-03
107	.60000	.40000	1116.0	.2104-01	.2497-01	.2754-01	42.20	.8877	.3650	565.7	.6355-03
107	.60000	.50000	1117.0	.1814-01	.2152-01	.2374-01	42.25	.7662	.3643	564.6	.5478-03
107	.60000	.70000	1119.0	.1324-01	.1571-01	.1733-01	42.27	.5598	.3640	564.1	.4000-03
99	.60000	.80000	120.00	.1286-01	.1524-01	.1678-01	42.33	.5446	.3579	550.9	.3869-03
99	.60000	.90000	122.00	.1428-01	.1693-01	.1867-01	42.08	.6009	.3616	556.7	.4298-03
99	.60000	.95000	123.00	.1104-01	.1310-01	.1444-01	41.97	.4633	.3632	559.0	.3324-03
99	.70000	.60000	131.00	.2701-01	.3202-01	.3529-01	42.16	1.139	.3605	554.9	.8128-03
99	.70000	.90000	132.00	.2070-01	.2456-01	.2708-01	41.91	.8675	.3640	560.3	.6233-03
99	.75000	.40000	139.00	.3399-01	.4032-01	.4446-01	41.97	1.426	.3632	559.0	.1023-02
99	.75000	.60000	140.00	.2214-01	.2626-01	.2895-01	42.05	.9311	.3620	557.2	.6666-03
99	.75000	.80000	142.00	.1269-01	.1505-01	.1659-01	42.11	.5345	.3612	555.9	.3821-03
99	.75000	.90000	143.00	.9226-02	.1095-01	.1208-01	41.83	.3859	.3653	562.3	.2779-03
99	.75000	.95000	144.00	.7106-02	.8435-02	.9306-02	41.82	.2972	.3653	562.4	.2141-03
99	.85000	.20000	150.00	.5114-01	.6083-01	.6720-01	41.36	2.115	.3721	572.8	.1543-02
99	.85000	.40000	151.00	.3991-01	.4743-01	.5236-01	41.54	1.658	.3695	568.7	.1203-02
99	.90000	.00000	152.00	.1688	.2010	.2222	41.07	6.933	.3762	579.1	.5098-02
99	.90000	.10000+00	153.00	.8436-01	.1005	.1111	41.07	3.465	.3763	579.2	.2548-02
99	.90000	.20000	154.00	.4875-01	.5804-01	.6416-01	41.15	2.006	.3752	577.5	.1472-02
107	.90000	.60000	1157.0	.2352-01	.2801-01	.3096-01	41.48	.9757	.3754	581.9	.7124-03
99	.90000	.80000	158.00	.1610-01	.1911-01	.2109-01	41.77	.6724	.3660	563.4	.4850-03
99	.90000	.90000	159.00	.1351-01	.1605-01	.1772-01	41.57	.5616	.3690	567.9	.4073-03
99	.95000	.30000	164.00	.4686-01	.5583-01	.6174-01	40.98	1.920	.3776	581.3	.1416-02
99	.95000	.50000	165.00	.2958-01	.3520-01	.3889-01	41.24	1.220	.3739	575.5	.8927-03
99	.95000	.70000	166.00	.2242-01	.2664-01	.2940-01	41.64	.9339	.3679	566.3	.6759-03
102	.95000	.80000	167.00	.2541-01	.3016-01	.3327-01	42.12	1.070	.3648	565.4	.7692-03
102	.95000	.90000	168.00	.1911-01	.2269-01	.2503-01	42.03	.8033	.3660	567.2	.5786-03

OH105B 60-0 WING LOWER SURFACE (R3RQ37)

WING LOWER SURF

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
98	.0000	.0000	7.300	3.020	698.9	1488.	366.4	.1256	131.0	.8045-04	4095.	.1750-01
103	.0000	.0000	7.300	2.994	699.1	1486.	368.5	.1256	131.7	.7998-04	4107.	.1750-01
106	.0000	.0000	7.300	2.898	700.5	1527.	376.5	.1255	134.6	.7827-04	4151.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
98	.0000	.2187
103	.0000	.2188
106	.0000	.2192

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
106	.30000	.10000+00	1075.0	.3108-01	.3681-01	.4055-01	52.98	1.647	.3575	561.0	.7712-03
106	.30000	.20000	1076.0	.2406-01	.2850-01	.3139-01	52.98	1.275	.3576	561.1	.5971-03
106	.30000	.30000	1077.0	.1875-01	.2221-01	.2447-01	52.98	.9936	.3575	561.0	.4654-03
106	.30000	.40000	1078.0	.1280-01	.1516-01	.1669-01	53.01	.6784	.3572	560.6	.3176-03
106	.30000	.50000	1079.0	.1003-01	.1188-01	.1308-01	53.08	.5324	.3564	559.3	.2488-03
106	.30000	.60000	1080.0	.8923-02	.1056-01	.1163-01	53.08	.4736	.3564	559.2	.2214-03
106	.30000	.70000	1081.0	.7279-02	.8618-02	.9491-02	53.08	.3864	.3564	559.3	.1806-03
98	.30000	.90000	83.000	.5951-02	.7057-02	.7780-02	51.11	.3042	.3618	552.6	.1455-03
98	.30000	.95000	84.000	.3659-02	.4341-02	.4786-02	51.04	.1868	.3627	554.0	.8949-04
106	.40000	.30000	1090.0	.1370-01	.1622-01	.1786-01	53.04	.7265	.3569	560.0	.3399-03
106	.40000	.60000	1092.0	.7587-02	.8981-02	.9868-02	53.17	.4034	.3554	557.6	.1882-03
106	.40000	.70000	1093.0	.7318-02	.8663-02	.9540-02	53.11	.3886	.3561	558.7	.1815-03
106	.40000	.75000	1094.0	.6018-02	.7124-02	.7846-02	53.09	.3195	.3562	558.9	.1493-03
98	.40000	.85000	95.000	.5411-02	.6417-02	.7075-02	51.06	.2763	.3625	553.6	.1323-03
98	.40000	.90000	96.000	.5141-02	.6099-02	.6726-02	50.96	.2620	.3637	555.4	.1257-03
98	.40000	.95000	97.000	.7517-04	.8890-04	.9784-04	51.87	.3899-02	.3527	538.7	.1834-05
106	.50000	.60000	1105.0	.1942-01	.2299-01	.2531-01	53.10	1.031	.3561	558.8	.4816-03

OH105B 60-0 WING LOWER SURFACE (R3RQ37)

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
106	.50000	.70000	1106.0	.1414-01	.1673-01	.1843-01	53.14	.7513	.3556	558.0	.3506-03
98	.50000	.90000	107.00	.1414-01	.1677-01	.1848-01	51.17	.7237	.3611	551.5	.3457-03
106	.60000	.25000-01	1110.0	.2517	.2984	.3290	52.59	13.24	.3620	568.1	.6251-02
106	.60000	.75000-01	1112.0	.9391-01	.1114	.1227	52.64	4.943	.3615	567.3	.2332-02
106	.60000	.10000+00	1113.0	.6510-01	.7719-01	.8510-01	52.64	3.427	.3615	567.2	.1617-02
106	.60000	.20000	1114.0	.3131-01	.3712-01	.4091-01	52.67	1.649	.3611	566.7	.7775-03
106	.60000	.30000	1115.0	.2523-01	.2990-01	.3295-01	52.75	1.331	.3602	565.2	.6263-03
106	.60000	.40000	1116.0	.2107-01	.2496-01	.2750-01	52.84	1.113	.3591	563.5	.5229-03
106	.60000	.50000	1117.0	.1984-01	.2351-01	.2590-01	52.89	1.050	.3586	562.7	.4925-03
106	.60000	.70000	1119.0	.1726-01	.2044-01	.2252-01	52.93	.9134	.3581	561.9	.4283-03
98	.60000	.80000	120.00	.1724-01	.2044-01	.2254-01	51.03	.8795	.3628	554.1	.4215-03
98	.60000	.90000	122.00	.1663-01	.1975-01	.2179-01	50.77	.8444	.3660	558.9	.4071-03
98	.60000	.95000	123.00	.1239-01	.1471-01	.1623-01	50.68	.6277	.3670	560.6	.3032-03
98	.70000	.60000	131.00	.3605-01	.4281-01	.4723-01	50.72	1.828	.3666	559.8	.8823-03
98	.70000	.90000	132.00	.2378-01	.2825-01	.3118-01	50.58	1.203	.3682	562.3	.5823-03
98	.75000	.40000	139.00	.4222-01	.5018-01	.5540-01	50.45	2.130	.3697	564.7	.1034-02
98	.75000	.60000	140.00	.2625-01	.3107-01	.3421-01	51.66	1.356	.3552	542.5	.6410-03
98	.75000	.80000	142.00	.1668-01	.1980-01	.2185-01	50.78	.8472	.3658	558.6	.4082-03
98	.75000	.90000	143.00	.6827-02	.8114-02	.8958-02	50.47	.3446	.3695	564.3	.1672-03
98	.75000	.95000	144.00	.9709-02	.1154-01	.1274-01	50.46	.4899	.3696	564.5	.2378-03
98	.80000	.40000	147.00	.2834-01	.3372-01	.3725-01	50.21	1.423	.3727	569.2	.6947-03
98	.85000	.20000	150.00	.4863-01	.5796-01	.6411-01	49.70	2.417	.3787	578.4	.1194-02
98	.85000	.40000	151.00	.4407-01	.5249-01	.5803-01	49.89	2.199	.3765	575.1	.1081-02
98	.90000	.00000	152.00	.1627	.1943	.2151	49.27	8.018	.3839	586.3	.4000-02
98	.90000	.10000+00	153.00	.8345-01	.9963-01	.1103	49.24	4.109	.3843	586.9	.2051-02
98	.90000	.20000	154.00	.4818-01	.5751-01	.6367-01	49.31	2.376	.3834	585.6	.1184-02
106	.90000	.60000	1157.0	.2577-01	.3064-01	.3384-01	51.86	1.337	.3705	581.4	.6414-03
98	.90000	.80000	158.00	.1847-01	.2197-01	.2426-01	50.32	.9296	.3713	567.1	.4527-03
98	.90000	.90000	159.00	.1390-01	.1655-01	.1828-01	50.13	.6971	.3736	570.6	.3409-03
98	.95000	.20000	163.00	.7438-04	.8784-04	.9659-04	52.29	.3889-02	.3478	531.1	.1813-05
98	.95000	.30000	164.00	.4512-01	.5389-01	.5969-01	49.13	2.217	.3857	589.0	.1109-02
98	.95000	.50000	165.00	.2885-01	.3440-01	.3807-01	49.53	1.429	.3809	581.7	.7085-03
98	.95000	.70000	166.00	.2348-01	.2793-01	.3086-01	50.16	1.178	.3733	570.1	.5755-03
103	.95000	.80000	167.00	.2521-01	.2998-01	.3312-01	50.57	1.275	.3718	571.0	.6199-03
103	.95000	.90000	168.00	.1942-01	.2311-01	.2553-01	50.48	.9803	.3730	572.8	.4777-03

OH105B 60-0 WING LOWER SURFACE (R3R038)

WING LOWER SURF

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
97	.0000	.0000	7.300	3.761	863.4	1481.	364.6	.1552	130.3	.9995-04	4085.	.1750-01
104	.0000	.0000	7.300	3.717	863.9	1492.	367.4	.1552	131.3	.9916-04	4101.	.1750-01
105	.0000	.0000	7.300	3.661	864.6	1506.	371.1	.1552	132.7	.9816-04	4121.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
97	.0000	.2430
104	.0000	.2432
105	.0000	.2434

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	TW/HT	TW DEG. R	STN NO R=.900
105	.30000	.10000+00	1075.0	.3107-01	.3684-01	.4062-01	57.63	1.791	.3615	559.0	.6884-03
105	.30000	.20000	1076.0	.2382-01	.2825-01	.3114-01	57.62	1.373	.3615	559.1	.5278-03
105	.30000	.30000	1077.0	.1865-01	.2211-01	.2438-01	57.64	1.075	.3614	558.9	.4132-03
105	.30000	.40000	1078.0	.1295-01	.1536-01	.1693-01	57.66	.7468	.3612	558.6	.2869-03
105	.30000	.50000	1079.0	.8736-02	.1035-01	.1141-01	57.77	.5046	.3600	556.7	.1935-03
105	.30000	.60000	1080.0	.8964-02	.1062-01	.1171-01	57.75	.5177	.3602	557.0	.1985-03
105	.30000	.70000	1081.0	.9174-02	.1087-01	.1198-01	57.72	.5295	.3604	557.5	.2032-03
105	.30000	.80000	1082.0	.1974-02	.2339-02	.2578-02	57.81	.1141	.3595	556.1	.4371-04
97	.30000	.90000	83.000	.6496-02	.7705-02	.8496-02	56.43	.3666	.3627	551.1	.1425-03
97	.30000	.95000	84.000	.4345-02	.5155-02	.5685-02	56.33	.2448	.3638	552.7	.9532-04
105	.40000	.30000	1090.0	.1396-01	.1655-01	.1824-01	57.71	.8058	.3606	557.7	.3093-03
105	.40000	.60000	1092.0	.8581-02	.1017-01	.1120-01	57.85	.4964	.3591	555.4	.1900-03
105	.40000	.70000	1093.0	.8023-02	.9508-02	.1048-01	57.78	.4636	.3598	556.5	.1777-03
105	.40000	.75000	1094.0	.7205-02	.8540-02	.9411-02	57.77	.4162	.3600	556.8	.1596-03
97	.40000	.85000	95.000	.6388-02	.7579-02	.8357-02	56.38	.3602	.3632	551.9	.1401-03
97	.40000	.90000	96.000	.5774-02	.6853-02	.7559-02	56.24	.3248	.3647	554.1	.1267-03
97	.40000	.95000	97.000	.5832-02	.6908-02	.7610-02	56.86	.3316	.3580	543.9	.1278-03

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105B 60-0 WING LOWER SURFACE

(R3RQ38)

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
105	.50000	.60000	1105.0	.2566-01	.3042-01	.3352-01	57.78	1.483	.3598	556.5	.5684-03
105	.50000	.70000	1106.0	.1858-01	.2201-01	.2426-01	57.84	1.075	.3592	555.5	.4114-03
105	.60000	.25000-01	1110.0	.2506	.2975	.3282	57.26	14.35	.3654	565.1	.5557-02
105	.60000	.75000-01	1112.0	.9558-01	.1134	.1251	57.33	5.479	.3647	564.0	.2119-02
105	.60000	.10000+00	1113.0	.6662-01	.7906-01	.8721-01	57.34	3.820	.3645	563.8	.1477-02
105	.60000	.20000	1114.0	.3303-01	.3919-01	.4322-01	57.40	1.896	.3639	562.8	.7321-03
105	.60000	.30000	1115.0	.2753-01	.3265-01	.3601-01	57.48	1.582	.3630	561.4	.6100-03
105	.60000	.40000	1116.0	.3045-01	.3612-01	.3982-01	57.55	1.753	.3623	560.3	.6748-03
105	.60000	.50000	1117.0	.3405-01	.4038-01	.4451-01	57.60	1.962	.3617	559.4	.7545-03
105	.60000	.70000	1119.0	.2599-01	.3081-01	.3397-01	57.65	1.498	.3613	558.7	.5757-03
97	.60000	.80000	120.00	.2422-01	.2874-01	.3169-01	56.36	1.365	.3634	552.2	.5314-03
97	.60000	.90000	122.00	.2040-01	.2423-01	.2674-01	56.04	1.143	.3669	557.5	.4479-03
97	.60000	.95000	123.00	.1391-01	.1653-01	.1824-01	55.97	.7788	.3677	558.6	.3055-03
97	.70000	.60000	131.00	.3855-01	.4579-01	.5053-01	56.03	2.160	.3670	557.7	.8464-03
97	.70000	.90000	132.00	.2576-01	.3062-01	.3380-01	55.81	1.438	.3694	561.3	.5659-03
97	.75000	.40000	139.00	.4622-01	.5493-01	.6065-01	55.78	2.578	.3698	561.8	.1015-02
97	.75000	.60000	140.00	.3424-01	.4068-01	.4491-01	55.85	1.912	.3690	560.6	.7520-03
97	.75000	.80000	142.00	.1508-01	.1785-01	.1966-01	57.02	.6596	.3563	541.4	.3302-03
97	.75000	.90000	143.00	.1817-01	.2160-01	.2385-01	55.68	1.012	.3708	563.5	.3992-03
97	.75000	.95000	144.00	.1473-01	.1751-01	.1934-01	55.68	.8201	.3708	563.5	.3236-03
97	.85000	.20000	150.00	.5144-01	.6133-01	.6786-01	54.82	2.820	.3802	577.6	.1133-02
97	.85000	.40000	151.00	.4608-01	.5490-01	.6070-01	55.11	2.540	.3771	572.9	.1014-02
97	.90000	.00000	152.00	.1625	.1940	.2149	54.42	8.845	.3845	584.2	.3583-02
97	.90000	.10000+00	153.00	.8380-01	.1001	.1108	54.41	4.559	.3846	584.4	.1848-02
97	.90000	.20000	154.00	.4802-01	.5731-01	.6346-01	54.52	2.616	.3835	582.7	.1058-02
97	.90000	.80000	158.00	.2556-01	.3040-01	.3358-01	55.56	1.420	.3721	565.4	.5617-03
97	.90000	.90000	159.00	.1986-01	.2365-01	.2613-01	55.30	1.098	.3750	569.8	.4369-03
97	.95000	.30000	164.00	.4559-01	.5447-01	.6034-01	54.27	2.475	.3861	586.7	.1006-02
97	.95000	.50000	165.00	.2915-01	.3477-01	.3847-01	54.73	1.595	.3812	579.2	.6421-03
97	.95000	.70000	166.00	.2448-01	.2913-01	.3219-01	55.40	1.356	.3738	568.0	.5383-03
104	.95000	.80000	167.00	.2566-01	.3057-01	.3380-01	55.52	1.424	.3775	578.0	.5672-03
104	.95000	.90000	168.00	.1985-01	.2365-01	.2616-01	55.39	1.099	.3789	580.2	.4389-03

OH105B 60-0 WING UPPER SURFACE (R3RR25)

WING UPPER SURF

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
81	.0000	.0000	7.300	.9772	235.2	1523.	375.6	.4217-01	134.3	.2635-04	4146.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
81	.0000	.1270

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
81	.40000	.95000	252.00	.7118-02	.8424-02	.9274-02	30.76	.2190	.3547	555.2	.3042-03
81	.60000	.25000-01	253.00	.1479	.1750	.1927	30.77	4.552	.3544	554.8	.6320-02
81	.60000	.50000-01	254.00	.1240	.1467	.1615	30.79	3.819	.3541	554.2	.5298-02
81	.60000	.10000+00	255.00	.8934-01	.1057	.1163	30.81	2.753	.3537	553.6	.3816-02
81	.60000	.20000	256.00	.3388-01	.4008-01	.4411-01	30.85	1.045	.3529	552.3	.1447-02
81	.60000	.40000	257.00	.1365-01	.1614-01	.1776-01	30.88	.4215	.3523	551.4	.5829-03
81	.60000	.60000	258.00	.7503-02	.8874-02	.9766-02	30.86	.2316	.3527	552.0	.3205-03
81	.60000	.75000	259.00	.6192-02	.7324-02	.8061-02	30.84	.1910	.3531	552.6	.2645-03
81	.60000	.85000	260.00	.5371-02	.6356-02	.6998-02	30.76	.1652	.3548	555.4	.2295-03
81	.60000	.95000	261.00	.4765-02	.5641-02	.6211-02	30.71	.1463	.3558	556.9	.2036-03
81	.70000	.90000	264.00	.7492-02	.8874-02	.9775-02	30.60	.2292	.3579	560.2	.3203-03
81	.75000	.80000	269.00	.6192-02	.7333-02	.8076-02	30.64	.1897	.3571	558.9	.2647-03
81	.75000	.90000	270.00	.5788-02	.6857-02	.7554-02	30.58	.1770	.3583	560.9	.2475-03
81	.80000	.90000	271.00	.4822-02	.5713-02	.6294-02	30.58	.1475	.3584	561.0	.2062-03
81	.90000	.60000	274.00	.2277-01	.2695-01	.2968-01	30.70	.6988	.3560	557.2	.9731-03
81	.95000	.40000	276.00	.3860-01	.4570-01	.5034-01	30.66	1.183	.3568	558.5	.1650-02
81	.95000	.50000	277.00	.2239-01	.2650-01	.2918-01	30.71	.6876	.3557	556.7	.9569-03
81	.95000	.70000	278.00	.1758-01	.2082-01	.2293-01	30.62	.5383	.3575	559.6	.7516-03
81	.95000	.80000	279.00	.2101-01	.2488-01	.2741-01	30.60	.6427	.3580	560.4	.8983-03
81	.95000	.90000	280.00	.1983-01	.2350-01	.2589-01	30.57	.6063	.3585	561.2	.8482-03

OH105B 60-O WING UPPER SURFACE (R3RR26)

WING UPPER SURF

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
82	.0000	.0000	7.300	1.925	465.9	1528.	376.9	.8350-01	134.7	.5200-04	4153.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
82	.0000	.1788

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
82	.40000	.80000	251.00	.6757-03	.7996-03	.8804-03	43.43	.2935-01	.3550	557.5	.2056-04
82	.40000	.95000	252.00	.3868-02	.4579-02	.5042-02	43.36	.1677	.3560	559.2	.1177-03
82	.60000	.25000-01	253.00	.1440	.1706	.1880	43.14	6.211	.3591	564.0	.4385-02
82	.60000	.50000-01	254.00	.1212	.1435	.1582	43.16	5.230	.3588	563.5	.3690-02
82	.60000	.10000+00	255.00	.8995-01	.1065	.1174	43.20	3.886	.3582	562.6	.2739-02
82	.60000	.20000	256.00	.3475-01	.4115-01	.4533-01	43.28	1.504	.3571	561.0	.1058-02
82	.60000	.40000	257.00	.1386-01	.1641-01	.1807-01	43.36	.6008	.3560	559.2	.4218-03
82	.60000	.60000	258.00	.7189-02	.8509-02	.9369-02	43.40	.3120	.3554	558.3	.2188-03
82	.60000	.75000	259.00	.5521-02	.6535-02	.7195-02	43.41	.2397	.3552	558.0	.1680-03
82	.60000	.85000	260.00	.5501-02	.6512-02	.7171-02	43.36	.2386	.3559	559.0	.1674-03
82	.60000	.95000	261.00	.5030-02	.5957-02	.6561-02	43.29	.2178	.3570	560.7	.1531-03
82	.70000	.90000	264.00	.8516-02	.1008-01	.1110-01	43.41	.3697	.3553	558.1	.2591-03
82	.75000	.80000	269.00	.4513-02	.5341-02	.5880-02	43.45	.1961	.3547	557.1	.1373-03
82	.75000	.90000	270.00	.4697-02	.5560-02	.6122-02	43.38	.2037	.3557	558.8	.1429-03
82	.80000	.90000	271.00	.5353-02	.6336-02	.6977-02	43.37	.2322	.3558	558.9	.1629-03
82	.90000	.60000	274.00	.2109-01	.2495-01	.2747-01	43.46	.9165	.3545	556.8	.6415-03
82	.95000	.40000	276.00	.3694-01	.4373-01	.4816-01	43.35	1.601	.3561	559.4	.1124-02
82	.95000	.50000	277.00	.2198-01	.2601-01	.2863-01	43.47	.9555	.3544	556.7	.6687-03
82	.95000	.70000	278.00	.1754-01	.2076-01	.2286-01	43.44	.7621	.3543	557.4	.5338-03
82	.95000	.80000	279.00	.2035-01	.2409-01	.2653-01	43.39	.8832	.3555	558.4	.6193-03
82	.95000	.90000	280.00	.1965-01	.2327-01	.2562-01	43.36	.8522	.3560	559.2	.5982-03

WING UPPER SURF

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
83	.0000	.0000	7.300	2.957	699.0	1507.	371.4	.1255	132.8	.7930-04	4123.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
83	.0000	.2188

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
83	.40000	.80000	251.00	.1005-02	.1188-02	.1308-02	52.61	.5285-01	.3525	545.6	.2471-04
83	.40000	.95000	252.00	.4064-02	.4808-02	.5292-02	52.52	.2135	.3535	547.2	.1000-03
83	.60000	.25000-01	253.00	.1474	.1746	.1923	52.21	7.696	.3573	552.9	.3630-02
83	.60000	.50000-01	254.00	.1317	.1560	.1718	52.25	6.881	.3568	552.2	.3243-02
83	.60000	.10000+00	255.00	.1102	.1305	.1437	52.32	5.767	.3560	551.0	.2714-02
83	.60000	.20000	256.00	.4296-01	.5084-01	.5598-01	52.42	2.252	.3547	549.0	.1057-02
83	.60000	.40000	257.00	.1592-01	.1884-01	.2074-01	52.50	.8358	.3539	547.7	.3918-03
83	.60000	.60000	258.00	.8123-02	.9609-02	.1058-01	52.55	.4269	.3532	546.6	.1999-03
83	.60000	.75000	259.00	.6872-02	.8128-02	.8946-02	52.56	.3612	.3531	546.5	.1691-03
83	.60000	.85000	260.00	.5972-02	.7065-02	.7776-02	52.54	.3138	.3533	546.8	.1469-03
83	.60000	.95000	261.00	.6108-02	.7228-02	.7957-02	52.45	.3204	.3544	548.5	.1503-03
83	.70000	.90000	264.00	.8844-02	.1046-01	.1151-01	52.66	.4657	.3519	544.7	.2175-03
83	.75000	.80000	269.00	.3549-02	.4197-02	.4618-02	52.66	.1969	.3519	544.6	.8731-04
83	.75000	.90000	270.00	.4328-02	.5119-02	.5633-02	52.61	.2277	.3525	545.6	.1065-03
83	.80000	.90000	271.00	.6016-02	.7114-02	.7829-02	52.62	.3165	.3524	545.4	.1480-03
83	.90000	.60000	274.00	.2160-01	.2555-01	.2812-01	52.63	1.137	.3523	545.3	.5315-03
83	.95000	.40000	276.00	.3645-01	.4312-01	.4747-01	52.49	1.913	.3539	547.8	.8969-03
83	.95000	.50000	277.00	.2168-01	.2563-01	.2821-01	52.65	1.141	.3520	544.8	.5332-03
83	.95000	.70000	278.00	.1722-01	.2037-01	.2241-01	52.64	.9066	.3521	545.0	.4236-03
83	.95000	.80000	279.00	.1918-01	.2274-01	.2506-01	51.90	.9955	.3608	558.5	.4727-03
83	.95000	.90000	280.00	.1852-01	.2191-01	.2412-01	52.53	.9729	.3535	547.1	.4557-03

OH105B 60-0 WING UPPER SURFACE (R3RR28)

WING UPPER SURF

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
84	.0000	.0000	7.300	3.640	863.2	1510.	372.1	.1549	133.0	.9771-04	4127.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
84	.0000	.2432

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
84	.40000	.80000	251.00	.6284-03	.7446-03	.8205-03	57.92	.3639-01	.3595	557.5	.1395-04
84	.40000	.95000	252.00	.4496-02	.5329-02	.5873-02	57.86	.2601	.3602	558.5	.9983-04
84	.60000	.25000-01	253.00	.1492	.1771	.1953	57.36	8.556	.3654	566.7	.3316-02
84	.60000	.50000-01	254.00	.1430	.1697	.1872	57.40	8.209	.3650	566.0	.3179-02
84	.60000	.10000+00	255.00	.1204	.1428	.1575	57.49	6.918	.3642	564.7	.2675-02
84	.60000	.20000	256.00	.4461-01	.5291-01	.5834-01	57.61	2.570	.3628	562.6	.9910-03
84	.60000	.40000	257.00	.1693-01	.2008-01	.2213-01	57.72	.9773	.3616	560.8	.3760-03
84	.60000	.60000	258.00	.8332-02	.9877-02	.1089-01	57.80	.4816	.3607	559.4	.1850-03
84	.60000	.75000	259.00	.6516-02	.7723-02	.8512-02	57.84	.3769	.3603	558.7	.1447-03
84	.60000	.85000	260.00	.5988-02	.7097-02	.7821-02	57.89	.3466	.3598	558.0	.1329-03
84	.60000	.95000	261.00	.5985-02	.7094-02	.7819-02	57.82	.3460	.3605	559.1	.1329-03
84	.70000	.90000	264.00	.1019-01	.1206-01	.1329-01	58.17	.5927	.3568	553.3	.2260-03
84	.75000	.80000	269.00	.2953-02	.3497-02	.3852-02	58.17	.1718	.3568	553.4	.6552-04
84	.75000	.90000	270.00	.4160-02	.4927-02	.5427-02	58.13	.2419	.3572	553.9	.9231-04
84	.80000	.90000	271.00	.6719-02	.7957-02	.8765-02	58.14	.3907	.3572	553.9	.1491-03
84	.90000	.60000	274.00	.2180-01	.2582-01	.2845-01	58.08	1.266	.3578	554.8	.4838-03
84	.95000	.40000	276.00	.3604-01	.4272-01	.4708-01	57.88	2.086	.3599	558.1	.8002-03
84	.95000	.50000	277.00	.2152-01	.2549-01	.2808-01	58.08	1.250	.3578	554.9	.4776-03
84	.95000	.70000	278.00	.1732-01	.2051-01	.2259-01	58.13	1.007	.3572	553.9	.3843-03
84	.95000	.80000	279.00	.1924-01	.2284-01	.2520-01	57.33	1.103	.3658	567.2	.4277-03
84	.95000	.90000	280.00	.1822-01	.2158-01	.2378-01	58.04	1.057	.3582	555.5	.4043-03

OH105B 60-0 WING UPPER SURFACE (R3RR29)

WING UPPER SURF

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
80	10.00	.0000	7.300	.9926	235.4	1510.	372.0	.4223-01	133.0	.2665-04	4126.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
80	.0000	.1270

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
80	.40000	.95000	252.00	.6073-02	.7187-02	.7914-02	30.45	.1849	.3552	550.8	.2579-03
80	.60000	.25000-01	253.00	.1466	.1737	.1913	30.29	4.441	.3584	555.8	.6230-02
80	.60000	.50000-01	254.00	.1259	.1491	.1643	30.31	3.815	.3581	555.2	.5349-02
80	.60000	.10000+00	255.00	.8957-01	.1061	.1169	30.33	2.717	.3577	554.7	.3806-02
80	.60000	.20000	256.00	.3238-01	.3834-01	.4223-01	30.36	.9831	.3571	553.7	.1376-02
80	.60000	.40000	257.00	.8900-02	.1054-01	.1161-01	30.38	.2704	.3566	552.9	.3781-03
80	.60000	.60000	258.00	.2668-02	.3158-02	.3477-02	30.42	.8115-01	.3559	551.8	.1133-03
80	.60000	.75000	259.00	.1181-02	.1397-02	.1539-02	30.43	.3593-01	.3556	551.4	.5014-04
80	.60000	.85000	260.00	.2890-02	.3421-02	.3767-02	30.45	.8801-01	.3553	550.9	.1227-03
80	.60000	.95000	261.00	.1796-02	.2126-02	.2341-02	30.44	.5467-01	.3554	551.1	.7628-04
80	.70000	.90000	264.00	.1577-02	.1865-02	.2053-02	30.55	.4818-01	.3532	547.7	.6694-04
80	.75000	.80000	269.00	.2068-02	.2446-02	.2693-02	30.55	.6317-01	.3533	547.8	.8779-04
80	.75000	.90000	270.00	.2134-02	.2525-02	.2779-02	30.54	.6519-01	.3534	547.9	.9061-04
80	.80000	.90000	271.00	.4596-02	.5437-02	.5984-02	30.54	.1404	.3534	547.9	.1951-03
80	.90000	.60000	274.00	.5935-02	.7021-02	.7728-02	30.54	.1812	.3535	548.2	.2520-03
80	.95000	.40000	276.00	.2156-01	.2552-01	.2809-01	30.49	.6576	.3544	549.5	.9156-03
80	.95000	.50000	277.00	.1169-01	.1383-01	.1522-01	30.56	.3572	.3531	547.5	.4962-03
80	.95000	.70000	278.00	.6035-02	.7139-02	.7857-02	30.55	.1844	.3532	547.7	.2562-03
80	.95000	.80000	279.00	.6697-02	.7923-02	.8721-02	30.54	.2045	.3535	548.1	.2843-03
80	.95000	.90000	280.00	.6858-02	.8113-02	.8931-02	30.53	.2094	.3536	548.4	.2912-03

OH105B 60-0 WING UPPER SURFACE (R3RR30)

WING UPPER SURF

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
79	10.00	.0000	7.300	1.949	465.4	1516.	373.7	.8347-01	133.6	.5243-04	4135.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
79	.0000	.1786

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
79	.40000	.95000	252.00	.1580-02	.1867-02	.2055-02	43.28	.6836-01	.3513	547.1	.4780-04
79	.60000	.25000-01	253.00	.1363	.1614	.1776	43.04	5.869	.3548	552.5	.4129-02
79	.60000	.50000-01	254.00	.1249	.1478	.1627	43.07	5.379	.3544	551.8	.3782-02
79	.60000	.10000+00	255.00	.9544-01	.1129	.1243	43.11	4.114	.3537	550.9	.2889-02
79	.60000	.20000	256.00	.3452-01	.4083-01	.4494-01	43.19	1.491	.3527	549.2	.1045-02
79	.60000	.40000	257.00	.7739-02	.9151-02	.1007-01	43.25	.3347	.3517	547.7	.2342-03
79	.60000	.60000	258.00	.2201-02	.2602-02	.2862-02	43.29	.9527-01	.3511	546.7	.6658-04
79	.60000	.75000	259.00	.1075-02	.1271-02	.1399-02	43.30	.4657-01	.3509	546.5	.3254-04
79	.60000	.85000	260.00	.2438-02	.2882-02	.3171-02	43.28	.1055	.3512	547.0	.7377-04
79	.60000	.95000	261.00	.1687-02	.1995-02	.2195-02	43.24	.7293-01	.3519	548.0	.5105-04
79	.70000	.90000	264.00	.1583-02	.1872-02	.2059-02	43.32	.6860-01	.3507	546.1	.4790-04
79	.75000	.80000	269.00	.1413-02	.1670-02	.1838-02	43.33	.6123-01	.3506	545.9	.4275-04
79	.75000	.90000	270.00	.9822-03	.1161-02	.1277-02	43.29	.4252-01	.3511	546.8	.2972-04
79	.80000	.90000	271.00	.2307-02	.2727-02	.3001-02	43.28	.9986-01	.3513	547.0	.6981-04
79	.90000	.60000	274.00	.7133-02	.8432-02	.9277-02	43.32	.3090	.3507	546.2	.2158-03
79	.95000	.40000	276.00	.2012-01	.2379-01	.2618-01	43.21	.8693	.3523	548.7	.6089-03
79	.95000	.50000	277.00	.1132-01	.1338-01	.1472-01	43.31	.4901	.3508	546.3	.3424-03
79	.95000	.70000	278.00	.4653-02	.5501-02	.6052-02	43.30	.2015	.3510	546.6	.1408-03
79	.95000	.80000	279.00	.4184-02	.4948-02	.5444-02	43.26	.1810	.3516	547.6	.1266-03
79	.95000	.90000	280.00	.5003-02	.5916-02	.6510-02	43.22	.2162	.3521	548.3	.1514-03

OH105B 60-0 WING UPPER SURFACE (R3RR31)

WING UPPER SURF

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
77	15.00	.0000	7.300	.9958	236.9	1513.	372.8	.4250-01	133.3	.2676-04	4131.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
77	.0000	.1274

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
77	.40000	.95000	252.00	.1171-01	.1385-01	.1524-01	30.76	.3603	.3522	547.3	.4961-03
77	.60000	.25000-01	253.00	.8198-01	.9705-01	.1069	30.58	2.507	.3559	553.0	.3475-02
77	.60000	.50000-01	254.00	.6830-01	.8085-01	.8902-01	30.59	2.089	.3557	552.6	.2895-02
77	.60000	.10000+00	255.00	.5344-01	.6325-01	.6964-01	30.62	1.636	.3552	551.8	.2265-02
77	.60000	.20000	256.00	.1659-01	.1963-01	.2161-01	30.66	.5087	.3543	550.5	.7032-03
77	.60000	.40000	257.00	.3990-02	.4720-02	.5195-02	30.71	.1225	.3534	549.0	.1691-03
77	.60000	.60000	258.00	.1676-02	.1982-02	.2181-02	30.74	.5150-01	.3527	548.0	.7098-04
77	.60000	.95000	261.00	.1449-02	.1713-02	.1886-02	30.75	.4454-01	.3525	547.7	.6137-04
77	.70000	.90000	264.00	.2353-02	.2782-02	.3060-02	30.83	.7256-01	.3508	545.0	.9965-04
77	.75000	.80000	269.00	.7407-03	.8756-03	.9633-03	30.83	.2284-01	.3508	545.1	.3137-04
77	.75000	.90000	270.00	.1361-02	.1609-02	.1770-02	30.82	.4195-01	.3510	545.4	.5763-04
77	.80000	.90000	271.00	.1982-02	.2343-02	.2578-02	30.82	.6107-01	.3511	545.5	.8392-04
77	.90000	.60000	274.00	.4695-02	.5551-02	.6107-02	30.81	.1446	.3513	545.8	.1988-03
77	.95000	.40000	276.00	.1546-01	.1828-01	.2012-01	30.76	.4756	.3523	547.4	.6549-03
77	.95000	.50000	277.00	.6793-02	.8030-02	.8834-02	30.83	.2094	.3509	545.3	.2876-03
77	.95000	.70000	278.00	.3589-02	.4243-02	.4668-02	30.82	.1106	.3510	545.4	.1520-03
77	.95000	.80000	279.00	.2765-02	.3269-02	.3597-02	30.80	.8517-01	.3514	546.0	.1171-03
77	.95000	.90000	280.00	.3463-02	.4094-02	.4505-02	30.79	.1066	.3516	546.3	.1467-03

OH105B 60-O WING UPPER SURFACE (R3RR32)

WING UPPER SURF

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
78	15.00	.0000	7.300	1.967	465.7	1508.	371.6	.8356-01	132.9	.5278-04	4124.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
78	.0000	.1786

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
78	.40000	.95000	252.00	.3800-02	.4499-02	.4955-02	42.72	.1624	.3561	551.5	.1147-03
78	.60000	.25000-01	253.00	.8878-01	.1052	.1159	42.50	3.773	.3593	556.4	.2681-02
78	.60000	.50000-01	254.00	.6613-01	.7835-01	.8633-01	42.52	2.812	.3590	555.9	.1997-02
78	.60000	.10000+00	255.00	.4707-01	.5576-01	.6144-01	42.56	2.003	.3584	555.1	.1421-02
78	.60000	.20000	256.00	.1376-01	.1630-01	.1795-01	42.63	.5867	.3574	553.5	.4154-03
78	.60000	.40000	257.00	.3841-02	.4548-02	.5009-02	42.70	.1640	.3564	552.0	.1159-03
78	.60000	.60000	258.00	.1620-02	.1918-02	.2112-02	42.74	.6925-01	.3558	551.1	.4889-04
78	.60000	.85000	260.00	.7263-03	.8598-03	.9468-03	42.74	.3104-01	.3559	551.2	.2192-04
78	.60000	.95000	261.00	.1135-02	.1343-02	.1480-02	42.69	.4843-01	.3566	552.3	.3424-04
78	.70000	.90000	264.00	.1873-02	.2216-02	.2440-02	42.79	.8014-01	.3551	549.9	.5650-04
78	.75000	.80000	269.00	.3955-03	.4681-03	.5153-03	42.80	.1693-01	.3549	549.6	.1193-04
78	.75000	.90000	270.00	.5829-03	.6899-03	.7597-03	42.76	.2493-01	.3554	550.5	.1759-04
78	.80000	.90000	271.00	.2168-02	.2567-02	.2826-02	42.76	.9273-01	.3555	550.6	.6543-04
78	.90000	.60000	274.00	.4045-02	.4787-02	.5270-02	42.79	.1731	.3551	550.0	.1220-03
78	.95000	.40000	276.00	.1191-01	.1410-01	.1553-01	42.69	.5083	.3565	552.2	.3593-03
78	.95000	.50000	277.00	.8852-02	.1048-01	.1153-01	42.80	.3788	.3550	549.8	.2671-03
78	.95000	.70000	278.00	.3220-02	.3811-02	.4196-02	42.79	.1378	.3551	550.0	.9714-04
78	.95000	.80000	279.00	.2406-02	.2848-02	.3136-02	42.75	.1029	.3557	550.9	.7260-04
78	.95000	.90000	280.00	.3240-02	.3836-02	.4224-02	42.71	.1384	.3562	551.7	.9778-04

OH105B 60-0 WING UPPER SURFACE (R3RR33)

WING UPPER SURF

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
121	20.00	.0000	7.300	1.006	235.4	1498.	369.0	.4228-01	131.9	.2690-04	4109.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
121	.0000	.1270

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
121	.40000	.95000	252.00	.3202-02	.3786-02	.4166-02	30.38	.9728-01	.3515	540.5	.1352-03
121	.60000	.25000-01	253.00	.7166-01	.8479-01	.9335-01	30.24	2.167	.3543	544.8	.3027-02
121	.60000	.50000-01	254.00	.5733-01	.6782-01	.7465-01	30.27	1.735	.3537	543.9	.2421-02
121	.60000	.10000+00	255.00	.4122-01	.4875-01	.5366-01	30.30	1.249	.3531	543.0	.1740-02
121	.60000	.20000	256.00	.1349-02	.1595-02	.1754-02	30.40	.4101-01	.3510	539.7	.5693-04
121	.60000	.40000	257.00	.2988-02	.3533-02	.3887-02	30.39	.9082-01	.3512	540.0	.1261-03
121	.60000	.60000	258.00	.1039-02	.1228-02	.1351-02	30.40	.3159-01	.3510	539.7	.4385-04
121	.60000	.75000	259.00	.5493-03	.6493-03	.7144-03	30.42	.1671-01	.3507	539.3	.2318-04
121	.60000	.85000	260.00	.1188-02	.1405-02	.1546-02	30.38	.3609-01	.3515	540.4	.5015-04
121	.60000	.95000	261.00	.2471-02	.2923-02	.3217-02	30.33	.7496-01	.3525	542.0	.1043-03
121	.70000	.90000	264.00	.2074-02	.2453-02	.2699-02	30.34	.6293-01	.3523	541.7	.8757-04
121	.75000	.90000	270.00	.1047-02	.1238-02	.1363-02	30.32	.3175-01	.3527	542.3	.4420-04
121	.80000	.90000	271.00	.2905-02	.3436-02	.3781-02	30.33	.8811-01	.3525	542.1	.1226-03
121	.90000	.60000	274.00	.2980-02	.3524-02	.3877-02	30.38	.9056-01	.3514	540.3	.1258-03
121	.95000	.40000	276.00	.8548-02	.1023-01	.1126-01	30.31	.2622	.3529	542.6	.3651-03
121	.95000	.50000	277.00	.3319-02	.3923-02	.4317-02	30.38	.1008	.3514	540.3	.1401-03
121	.95000	.70000	278.00	.1289-02	.1524-02	.1677-02	30.36	.3913-01	.3519	541.1	.5441-04
121	.95000	.80000	279.00	.7744-03	.9158-03	.1008-02	30.34	.2349-01	.3524	541.9	.3269-04
121	.95000	.90000	280.00	.1928-02	.2280-02	.2510-02	30.30	.5841-01	.3531	543.0	.8139-04

OH105B 60-0 WING UPPER SURFACE (R3RR34)

WING UPPER SURF

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
120	20.00	.0000	7.300	1.995	468.4	1501.	369.8	.8410-01	132.2	.5339-04	4114.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
120	.0000	.1791

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
120	.40000	.95000	252.00	.4145-02	.4901-02	.5393-02	42.92	.1779	.3519	542.4	.1242-03
120	.60000	.25000-01	253.00	.7705-01	.9121-01	.1004	42.65	3.286	.3559	548.5	.2311-02
120	.60000	.50000-01	254.00	.5832-01	.6902-01	.7599-01	42.69	2.490	.3552	547.5	.1749-02
120	.60000	.10000+00	255.00	.3932-01	.4652-01	.5122-01	42.74	1.681	.3545	546.3	.1179-02
120	.60000	.20000	256.00	.2227-02	.2630-02	.2892-02	43.23	.9628-01	.3475	535.5	.6668-04
120	.60000	.40000	257.00	.3494-02	.4132-02	.4547-02	42.90	.1499	.3522	542.8	.1047-03
120	.60000	.60000	258.00	.5432-03	.6423-03	.7067-03	42.94	.2333-01	.3516	541.9	.1628-04
120	.60000	.75000	259.00	.1049-02	.1240-02	.1365-02	42.96	.4507-01	.3514	541.5	.3144-04
120	.60000	.85000	260.00	.2153-02	.2546-02	.2802-02	42.93	.9244-01	.3518	542.2	.6453-04
120	.60000	.95000	261.00	.2724-02	.3222-02	.3546-02	42.86	.1167	.3529	543.8	.8165-04
120	.70000	.90000	264.00	.2373-02	.2805-02	.3085-02	43.02	.1021	.3504	540.1	.7109-04
120	.75000	.80000	269.00	.2486-03	.2939-03	.3233-03	43.00	.1069-01	.3507	540.6	.7449-05
120	.75000	.90000	270.00	.6860-03	.8110-03	.8922-03	42.98	.2948-01	.3511	541.1	.2055-04
120	.80000	.90000	271.00	.2993-02	.3538-02	.3892-02	42.98	.1286	.3510	541.0	.8967-04
120	.90000	.60000	274.00	.2870-02	.3393-02	.3732-02	43.01	.1235	.3506	540.4	.8599-04
120	.95000	.40000	276.00	.8615-02	.1019-01	.1121-01	42.88	.3694	.3525	543.2	.2582-03
120	.95000	.50000	277.00	.3513-02	.4153-02	.4569-02	42.99	.1510	.3509	540.8	.1053-03
120	.95000	.70000	278.00	.2071-02	.2449-02	.2694-02	43.00	.8908-01	.3507	540.6	.6206-04
120	.95000	.80000	279.00	.1422-02	.1681-02	.1850-02	42.96	.6109-01	.3513	541.5	.4261-04
120	.95000	.90000	280.00	.2630-02	.3110-02	.3422-02	42.92	.1129	.3520	542.5	.7883-04

OH105B 60-0 WING UPPER SURFACE (R3RR35)

WING UPPER SURF

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
100	.0000	.0000	7.300	1.039	241.2	1491.	367.1	.4333-01	131.2	.2771-04	4099.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
100	.0000	.1285

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
100	.40000	.80000	251.00	.4629-03	.5477-03	.6029-03	30.45	.1409-01	.3543	542.0	.1925-04
100	.40000	.95000	252.00	.4100-02	.4852-02	.5342-02	30.41	.1247	.3551	543.3	.1706-03
100	.60000	.50000-01	254.00	.1270	.1504	.1656	30.28	3.844	.3577	547.3	.5285-02
100	.60000	.10000+00	255.00	.9084-01	.1076	.1185	30.31	2.753	.3571	546.3	.3781-02
100	.60000	.40000	257.00	.1381-01	.1635-01	.1800-01	30.40	.4200	.3553	543.5	.5748-03
100	.60000	.60000	258.00	.6976-02	.8256-02	.9069-02	30.42	.2122	.3549	542.9	.2902-03
100	.60000	.75000	259.00	.5964-02	.7059-02	.7771-02	30.42	.1814	.3549	542.9	.2481-03
100	.60000	.85000	260.00	.3040-02	.3598-02	.3961-02	30.40	.9243-01	.3552	543.4	.1265-03
100	.60000	.95000	261.00	.1628-02	.1927-02	.2122-02	30.35	.4941-01	.3563	545.0	.6774-04
100	.70000	.90000	264.00	.5312-02	.6285-02	.6919-02	30.45	.1617	.3543	542.0	.2210-03
100	.75000	.80000	269.00	.4679-02	.5535-02	.6093-02	30.47	.1426	.3538	541.3	.1946-03
100	.75000	.90000	270.00	.3766-02	.4457-02	.4907-02	30.43	.1146	.3546	542.6	.1567-03
100	.80000	.90000	271.00	.5155-02	.6100-02	.6715-02	30.44	.1569	.3544	542.2	.2144-03
100	.90000	.60000	274.00	.2213-01	.2619-01	.2883-01	30.47	.6744	.3539	541.4	.9207-03
100	.95000	.40000	276.00	.3734-01	.4420-01	.4866-01	30.41	1.135	.3551	543.3	.1554-02
100	.95000	.50000	277.00	.6450-02	.7631-02	.8400-02	30.47	.1965	.3538	541.3	.2683-03
100	.95000	.70000	278.00	.1313-01	.1554-01	.1711-01	30.46	.4001	.3540	541.5	.5463-03
100	.95000	.80000	279.00	.1311-01	.1552-01	.1708-01	30.44	.3991	.3546	542.4	.5455-03
100	.95000	.90000	280.00	.1230-01	.1455-01	.1602-01	30.40	.3739	.3552	543.4	.5116-03

OH105B 60-0 WING UPPER SURFACE (R3RR36)

WING UPPER SURF

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
99	.0000	.0000	7.300	1.987	465.7	1500.	369.3	.8362-01	132.0	.5314-04	4111.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
99	.0000	.1786

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
99	.40000	.80000	251.00	.4409-03	.5216-03	.5741-03	42.62	.1879-01	.3537	544.4	.1325-04
99	.40000	.95000	252.00	.2500-02	.2959-02	.3257-02	42.55	.1064	.3547	546.0	.7514-04
99	.60000	.50000-01	254.00	.1222	.1448	.1595	42.36	5.179	.3574	550.2	.3676-02
99	.60000	.10000+00	255.00	.9401-01	.1113	.1226	42.41	3.987	.3567	549.1	.2826-02
99	.60000	.40000	257.00	.1384-01	.1638-01	.1804-01	42.55	.5890	.3547	546.0	.4160-03
99	.60000	.60000	258.00	.6747-02	.7984-02	.8789-02	42.58	.2873	.3543	545.4	.2028-03
99	.60000	.75000	259.00	.5821-02	.6888-02	.7582-02	42.59	.2479	.3542	545.2	.1749-03
99	.60000	.85000	260.00	.2352-02	.2783-02	.3064-02	42.55	.1001	.3547	546.0	.7068-04
99	.60000	.95000	261.00	.1020-02	.1208-02	.1330-02	42.46	.4333-01	.3560	548.0	.3067-04
99	.70000	.90000	264.00	.5076-02	.6006-02	.6611-02	42.61	.2163	.3539	544.7	.1525-03
99	.75000	.80000	269.00	.3914-02	.4630-02	.5097-02	42.64	.1669	.3534	544.0	.1176-03
99	.75000	.90000	270.00	.3052-02	.3611-02	.3975-02	42.58	.1299	.3543	545.4	.9170-04
99	.80000	.90000	271.00	.4155-02	.4916-02	.5411-02	42.59	.1769	.3541	545.1	.1248-03
99	.90000	.60000	274.00	.2146-01	.2538-01	.2794-01	42.64	.9149	.3534	544.0	.6447-03
99	.95000	.40000	276.00	.3659-01	.4331-01	.4768-01	42.54	1.557	.3548	546.2	.1100-02
99	.95000	.50000	277.00	.5037-02	.6029-02	.6636-02	42.64	.2173	.3534	543.9	.1531-03
99	.95000	.70000	278.00	.1286-01	.1521-01	.1675-01	42.63	.5483	.3535	544.2	.3864-03
99	.95000	.80000	279.00	.1285-01	.1520-01	.1674-01	42.59	.5473	.3541	545.1	.3861-03
99	.95000	.90000	280.00	.1171-01	.1386-01	.1525-01	42.54	.4981	.3548	546.2	.3519-03

OH105B 60-0 WING UPPER SURFACE (R3RR37)

WING UPPER SURF

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
98	.0000	.0000	7.300	3.020	698.9	1488.	366.4	.1256	131.0	.8045-04	4095.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
98	.0000	.2187

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
98	.40000	.80000	251.00	.7770-03	.9206-03	.1014-02	51.38	.3992-01	.3586	547.7	.1899-04
98	.40000	.95000	252.00	.3783-02	.4482-02	.4939-02	51.31	.1941	.3594	548.9	.9243-04
98	.60000	.50000-01	254.00	.1266	.1503	.1657	50.92	6.448	.3641	556.1	.3098-02
98	.60000	.10000+00	255.00	.1068	.1268	.1399	50.99	5.448	.3633	554.9	.2613-02
98	.60000	.40000	257.00	.1488-01	.1764-01	.1945-01	51.21	.7622	.3606	550.7	.3638-03
98	.60000	.60000	258.00	.7915-02	.9380-02	.1034-01	51.28	.4059	.3598	549.5	.1934-03
98	.60000	.75000	259.00	.6297-02	.7462-02	.8222-02	51.31	.3231	.3594	548.9	.1539-03
98	.60000	.85000	260.00	.1864-02	.2209-02	.2434-02	51.34	.9569-01	.3592	548.5	.4555-04
98	.60000	.95000	261.00	.9955-03	.1180-02	.1300-02	51.26	.5103-01	.3601	549.9	.2433-04
98	.70000	.90000	264.00	.5281-02	.6254-02	.6888-02	51.50	.2720	.3571	545.4	.1290-03
98	.75000	.80000	269.00	.3525-02	.4174-02	.4598-02	51.51	.1816	.3570	545.2	.8610-04
98	.75000	.90000	270.00	.2702-02	.3200-02	.3525-02	51.48	.1390	.3577	546.2	.6600-04
98	.80000	.90000	271.00	.4387-02	.5196-02	.5724-02	51.46	.2258	.3576	546.2	.1072-03
98	.90000	.60000	274.00	.2105-01	.2493-01	.2746-01	51.46	1.083	.3577	546.2	.5142-03
98	.95000	.40000	276.00	.3583-01	.4246-01	.4679-01	51.28	1.837	.3598	549.5	.8757-03
98	.95000	.50000	277.00	.2745-02	.3251-02	.3581-02	51.47	.1413	.3576	546.1	.6705-04
98	.95000	.70000	278.00	.1299-01	.1539-01	.1695-01	51.47	.6688	.3576	546.1	.3174-03
98	.95000	.80000	279.00	.1261-01	.1494-01	.1646-01	51.42	.6484	.3581	546.9	.3081-03
98	.95000	.90000	280.00	.1096-01	.1299-01	.1431-01	51.36	.5632	.3588	548.0	.2679-03

OH105B 60-0 WING UPPER SURFACE (R3RR38)

WING UPPER SURF

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
97	.0000	.0000	7.300	3.761	863.4	1481.	364.6	.1552	130.3	.9995-04	4085.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
97	.0000	.2430

TEST DATA

RUN NUMBER	2Y/BW	XW/CW	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
97	.40000	.80000	251.00	.5385-03	.6382-03	.7033-03	56.70	.3053-01	.3598	546.6	.1180-04
97	.40000	.95000	252.00	.4244-02	.5031-02	.5545-02	56.63	.2403	.3606	547.9	.9304-04
97	.60000	.50000-01	254.00	.1353	.1606	.1771	56.25	7.612	.3647	554.1	.2969-02
97	.60000	.10000+00	255.00	.1172	.1391	.1534	56.34	6.605	.3637	552.6	.2572-02
97	.60000	.40000	257.00	.1662-01	.1970-01	.2172-01	56.57	.9402	.3612	548.8	.3644-03
97	.60000	.60000	258.00	.7967-02	.9444-02	.1041-01	56.61	.4510	.3607	548.1	.1747-03
97	.60000	.75000	259.00	.6461-02	.7659-02	.8442-02	56.62	.3658	.3606	548.0	.1416-03
97	.60000	.85000	260.00	.1689-02	.2002-02	.2207-02	56.65	.9571-01	.3603	547.4	.3703-04
97	.70000	.90000	264.00	.5137-02	.6086-02	.6704-02	56.85	.2920	.3582	544.2	.1126-03
97	.75000	.80000	269.00	.3882-02	.4599-02	.5066-02	56.83	.2206	.3583	544.4	.8506-04
97	.75000	.90000	270.00	.2669-02	.3162-02	.3484-02	56.79	.1516	.3588	545.1	.5848-04
97	.80000	.90000	271.00	.4453-02	.5275-02	.5812-02	56.81	.2530	.3586	544.9	.9757-04
97	.90000	.60000	274.00	.2230-01	.2643-01	.2912-01	56.74	1.265	.3594	546.0	.4888-03
97	.95000	.40000	276.00	.3773-01	.4474-01	.4932-01	56.54	2.134	.3615	549.2	.8273-03
97	.95000	.50000	277.00	.1030-01	.1220-01	.1345-01	56.72	.5842	.3595	546.3	.2257-03
97	.95000	.70000	278.00	.1356-01	.1606-01	.1770-01	56.77	.7696	.3591	545.6	.2971-03
97	.95000	.80000	279.00	.1279-01	.1515-01	.1670-01	56.71	.7251	.3596	546.4	.2802-03
97	.95000	.90000	280.00	.1157-01	.1371-01	.1511-01	56.64	.6553	.3604	547.6	.2536-03

OH105B 60-O OMS POD (R3RS25)

OMS POD

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
81	.0000	.0000	7.300	.9772	235.2	1523.	375.6	.4217-01	134.3	.2635-04	4146.	.1750-01
88	.0000	.0000	7.300	.9774	235.5	1524.	375.8	.4222-01	134.4	.2637-04	4147.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
81	.0000	.1270
88	.0000	.1271

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
88	1325.0	428.60	298.00	.1879-01	.2219-01	.2440-01	31.13	.5847	.3483	545.5	.8014-03
88	1325.0	489.20	299.00	.7427-01	.8773-01	.9648-01	31.12	2.311	.3484	545.8	.3168-02
88	1325.0	506.70	301.00	.2508	.2963	.3255	31.11	7.803	.3486	546.0	.1070-01
88	1350.0	440.40	302.00	.1319-01	.1554-01	.1706-01	31.58	.4165	.3392	531.4	.5616-03
88	1350.0	458.60	303.00	.4052-01	.4785-01	.5260-01	31.17	1.263	.3473	544.0	.1728-02
88	1350.0	498.50	304.00	.4635-01	.5478-01	.6025-01	31.05	1.439	.3498	547.9	.1978-02
88	1350.0	515.50	306.00	.1463	.1728	.1900	31.10	4.549	.3487	546.2	.6240-02
88	1375.0	421.60	308.00	.1359-01	.1606-01	.1766-01	31.08	.4224	.3493	547.1	.5799-03
88	1375.0	440.00	309.00	.3308-01	.3909-01	.4300-01	31.03	1.026	.3502	548.5	.1412-02
88	1375.0	460.00	310.00	.5462-01	.6455-01	.7102-01	31.01	1.694	.3506	549.1	.2331-02
88	1375.0	503.40	311.00	.4392-01	.5191-01	.5710-01	31.03	1.363	.3503	548.6	.1874-02
88	1375.0	531.00	312.00	.5473-01	.6466-01	.7111-01	31.09	1.701	.3490	546.7	.2335-02
88	1400.0	523.40	313.00	.7810-01	.9226-01	.1015	31.12	2.430	.3485	545.8	.3332-02
88	1425.0	437.70	316.00	.2527-01	.2989-01	.3291-01	30.85	.7793	.3539	554.3	.1079-02
88	1425.0	466.30	317.00	.2139-01	.2527-01	.2779-01	31.12	.6656	.3484	545.8	.9125-03
88	1425.0	536.50	319.00	.3297-01	.3895-01	.4283-01	31.11	1.026	.3485	545.9	.1407-02
88	1450.0	418.20	320.00	.1399-01	.1652-01	.1817-01	31.10	.4349	.3488	546.4	.5967-03
88	1450.0	436.00	321.00	.2196-01	.2595-01	.2854-01	31.07	.6823	.3493	547.2	.9369-03
88	1450.0	468.20	322.00	.3092-01	.3654-01	.4019-01	31.05	.9603	.3497	547.8	.1320-02

OH105B 60-O OMS POD (R3RS25)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
88	1450.0	511.10	323.00	.3886-01	.4591-01	.5050-01	31.10	1.208	.3489	546.4	.1658-02
88	1500.0	437.00	327.00	.1307-01	.1544-01	.1698-01	31.13	.4070	.3481	545.2	.5577-03
88	1500.0	532.30	331.00	.3508-01	.4143-01	.4555-01	31.16	1.093	.3475	544.3	.1496-02
88	1525.0	424.00	332.00	.9812-03	.1159-02	.1274-02	31.16	.3057-01	.3476	544.5	.4185-04
88	1525.0	431.00	333.00	.1155-01	.1364-01	.1500-01	31.14	.3596	.3480	545.1	.4926-03
88	1525.0	440.00	334.00	.1602-01	.1892-01	.2081-01	31.14	.4988	.3480	545.1	.6833-03
88	1525.0	493.00	335.00	.2557-01	.3020-01	.3321-01	31.15	.7966	.3478	544.7	.1091-02
81	1545.0	434.00	338.00	.7202-02	.8556-02	.9443-02	30.11	.2169	.3678	575.7	.3087-03
81	1545.0	443.00	339.00	.1463-01	.1738-01	.1918-01	30.10	.4403	.3681	576.1	.6270-03

OH105B 60-0 OMS POD (R3RS26)

OMS POD

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
82	.0000	.0000	7.300	1.925	465.9	1528.	376.9	.8350-01	134.7	.5200-04	4153.	.1750-01
87	.0000	.0000	7.300	1.990	469.7	1506.	371.0	.8431-01	132.6	.5335-04	4121.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
82	.0000	.1788
87	.0000	.1794

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
87	1325.0	428.60	298.00	.5437-01	.6447-01	.7108-01	42.43	2.307	.3619	559.6	.1634-02
87	1325.0	489.20	299.00	.1016	.1205	.1328	42.43	4.312	.3618	559.5	.3054-02
87	1325.0	506.70	301.00	.2960	.3509	.3868	42.47	12.57	.3614	558.7	.8894-02
87	1350.0	440.40	302.00	.1327-01	.1568-01	.1724-01	43.40	.5760	.3480	538.0	.3977-03
87	1350.0	458.60	303.00	.7838-01	.9287-01	.1023	42.62	3.340	.3592	555.3	.2354-02
87	1350.0	498.50	304.00	.6465-01	.7667-01	.8454-01	42.40	2.741	.3624	560.3	.1943-02
87	1350.0	515.50	306.00	.1425	.1690	.1863	42.45	6.050	.3617	559.2	.4284-02
87	1375.0	421.60	308.00	.3018-01	.3580-01	.3947-01	42.38	1.279	.3626	560.7	.9072-03
87	1375.0	440.00	309.00	.5667-01	.6723-01	.7413-01	42.34	2.399	.3632	561.6	.1704-02
87	1375.0	460.00	310.00	.9652-01	.1145	.1263	42.31	4.084	.3636	562.2	.2902-02
87	1375.0	503.40	311.00	.7146-01	.8475-01	.9345-01	42.39	3.029	.3625	560.5	.2148-02
87	1375.0	531.00	312.00	.7318-01	.8679-01	.9569-01	42.41	3.104	.3622	560.1	.2200-02
87	1400.0	523.40	313.00	.6965-01	.8259-01	.9104-01	42.46	2.958	.3614	558.8	.2093-02
87	1425.0	415.10	315.00	.4092-01	.4853-01	.5351-01	42.38	1.734	.3626	560.6	.1230-02
87	1425.0	437.70	316.00	.4045-01	.4798-01	.5290-01	42.38	1.714	.3627	560.7	.1216-02
87	1425.0	466.30	317.00	.5469-01	.6487-01	.7153-01	42.37	2.317	.3627	560.8	.1644-02
87	1425.0	536.50	319.00	.4454-01	.5285-01	.5828-01	42.31	1.884	.3637	562.3	.1339-02
87	1450.0	418.20	320.00	.2411-01	.2859-01	.3152-01	42.42	1.023	.3620	559.7	.7246-03
87	1450.0	436.00	321.00	.3440-01	.4080-01	.4498-01	42.41	1.459	.3621	559.9	.1034-02

OH105-8 MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105B 60-0 OMS POD

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
87	1450.0	468.20	322.00	.4117-01	.4882-01	.5382-01	42.42	1.747	.3620	559.7	.1237-02
87	1450.0	511.10	323.00	.4879-01	.5784-01	.6375-01	42.50	2.074	.3608	557.9	.1466-02
87	1500.0	437.00	327.00	.2065-01	.2447-01	.2697-01	42.58	.8794	.3597	556.1	.6203-03
87	1500.0	532.30	331.00	.4526-01	.5364-01	.5911-01	42.58	1.927	.3597	556.2	.1360-02
87	1525.0	424.00	332.00	.5879-02	.6966-02	.7677-02	42.59	.2504	.3596	556.0	.1766-03
87	1525.0	431.00	333.00	.1485-01	.1759-01	.1939-01	42.62	.6328	.3592	555.4	.4460-03
87	1525.0	440.00	334.00	.2592-01	.3071-01	.3383-01	42.66	1.106	.3586	554.5	.7784-03
87	1525.0	493.00	335.00	.3238-01	.3837-01	.4227-01	42.63	1.380	.3591	555.2	.9725-03
82	1545.0	434.00	338.00	.9786-02	.1160-01	.1279-01	43.04	.4212	.3606	566.4	.2981-03
82	1545.0	443.00	339.00	.2227-01	.2640-01	.2910-01	43.05	.9588	.3604	566.1	.6785-03

OH105B 60-0 OMS POD (R3RS27)

OMS POD

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
83	.0000	.0000	7.300	2.957	699.0	1507.	371.4	.1255	132.8	.7930-04	4123.	.1750-01
86	.0000	.0000	7.300	2.945	699.5	1511.	372.5	.1255	133.2	.7909-04	4129.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
83	.0000	.2188
86	.0000	.2189

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
86	1325.0	428.60	298.00	.5721-01	.6773-01	.7458-01	52.50	3.004	.3559	552.4	.1411-02
86	1325.0	489.20	299.00	.1639	.1941	.2138	52.40	8.591	.3570	554.2	.4043-02
86	1325.0	506.70	301.00	.2913	.3449	.3799	52.43	15.27	.3567	553.7	.7183-02
86	1350.0	440.40	302.00	.2000-01	.2362-01	.2596-01	53.28	1.066	.3468	538.3	.4922-03
86	1350.0	458.60	303.00	.1212	.1435	.1580	52.55	6.371	.3553	551.5	.2989-02
86	1350.0	498.50	304.00	.7730-01	.9156-01	.1009	52.33	4.045	.3579	555.6	.1907-02
86	1350.0	515.50	306.00	.1434	.1698	.1870	52.39	7.512	.3572	554.5	.3537-02
86	1375.0	421.60	308.00	.3258-01	.3857-01	.4248-01	52.45	1.709	.3564	553.3	.8033-03
86	1375.0	440.00	309.00	.6158-01	.7295-01	.8038-01	52.26	3.218	.3587	556.9	.1519-02
86	1375.0	460.00	310.00	.1048	.1241	.1368	52.25	5.475	.3588	557.0	.2585-02
86	1375.0	503.40	311.00	.8012-01	.9491-01	.1046	52.29	4.189	.3584	556.3	.1977-02
86	1375.0	531.00	312.00	.6443-01	.7632-01	.8407-01	52.32	3.371	.3580	555.7	.1589-02
86	1400.0	523.40	313.00	.7506-01	.8888-01	.9789-01	52.43	3.935	.3567	553.8	.1851-02
86	1425.0	437.70	316.00	.4336-01	.5149-01	.5681-01	51.61	2.238	.3664	568.8	.1072-02
86	1425.0	466.30	317.00	.5238-01	.6205-01	.6836-01	52.29	2.739	.3583	556.2	.1292-02
86	1425.0	536.50	319.00	.4247-01	.5028-01	.5536-01	52.50	2.230	.3558	552.4	.1047-02
86	1450.0	418.20	320.00	.2649-01	.3137-01	.3454-01	52.45	1.390	.3564	553.3	.6533-03
86	1450.0	436.00	321.00	.2961-01	.3506-01	.3862-01	52.38	1.551	.3572	554.6	.7302-03
86	1450.0	468.20	322.00	.3962-01	.4693-01	.5170-01	52.33	2.073	.3579	555.6	.9774-03

OH105B 60-O OMS POD (R3RS27)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
86	1450.0	511.10	323.00	.4675-01	.5537-01	.6099-01	52.38	2.449	.3573	554.6	.1153-02
86	1500.0	437.00	327.00	.1770-01	.2095-01	.2307-01	52.50	.9290	.3559	552.4	.4363-03
86	1500.0	532.30	331.00	.4874-01	.5769-01	.6352-01	52.55	2.561	.3553	551.5	.1202-02
86	1525.0	424.00	332.00	.5006-02	.5925-02	.6524-02	52.53	.2630	.3555	551.9	.1234-03
86	1525.0	431.00	333.00	.1238-01	.1465-01	.1614-01	52.51	.6500	.3558	552.2	.3052-03
86	1525.0	440.00	334.00	.2089-01	.2473-01	.2723-01	52.53	1.097	.3555	551.8	.5150-03
86	1525.0	493.00	335.00	.2964-01	.3508-01	.3863-01	52.50	1.556	.3558	552.4	.7307-03
83	1545.0	434.00	338.00	.8274-02	.9797-02	.1079-01	52.26	.4324	.3566	552.0	.2037-03
83	1545.0	443.00	339.00	.2226-01	.2635-01	.2902-01	52.30	1.164	.3562	551.2	.5481-03

OH105B 60-0 OMS POD (R3RS28)

OMS POD

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
84	.0000	.0000	7.300	3.640	863.2	1510.	372.1	.1549	133.0	.9771-04	4127.	.1750-01
85	.0000	.0000	7.300	3.704	863.8	1495.	368.2	.1552	131.6	.9893-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
84	.0000	.2432
85	.0000	.2432

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
85	1325.0	428.60	298.00	.5317-01	.6307-01	.6955-01	56.96	3.028	.3633	557.4	.1173-02
85	1325.0	489.20	299.00	.1058	.2205	.2431	56.95	10.58	.3634	557.7	.4100-02
85	1325.0	506.70	301.00	.3180	.3772	.4160	56.94	18.11	.3635	557.7	.7016-02
85	1350.0	440.40	302.00	.8633-01	.1025	.1130	56.85	4.908	.3645	559.3	.1905-02
85	1350.0	458.60	303.00	.1546	.1834	.2024	56.81	8.781	.3649	559.9	.3411-02
85	1350.0	498.50	304.00	.9171-01	.1088	.1200	56.87	5.216	.3642	558.9	.2024-02
85	1350.0	515.50	306.00	.1512	.1794	.1979	56.90	8.605	.3639	558.4	.3337-02
85	1375.0	421.60	308.00	.3629-01	.4306-01	.4750-01	56.88	2.064	.3642	558.8	.8009-03
85	1375.0	440.00	309.00	.6294-01	.7471-01	.8241-01	56.80	3.575	.3650	560.1	.1389-02
85	1375.0	460.00	310.00	.1053	.1251	.1380	56.76	5.980	.3654	560.7	.2326-02
85	1375.0	503.40	311.00	.8443-01	.1002	.1105	56.86	4.801	.3644	559.1	.1863-02
85	1375.0	531.00	312.00	.6749-01	.8009-01	.8834-01	56.85	3.837	.3645	559.3	.1490-02
85	1400.0	523.40	313.00	.8393-01	.9958-01	.1098	56.94	4.779	.3635	557.7	.1852-02
85	1425.0	415.10	315.00	.4994-01	.5926-01	.6536-01	56.87	2.840	.3643	558.9	.1102-02
85	1425.0	437.70	316.00	.4689-01	.5565-01	.6138-01	56.87	2.667	.3643	559.0	.1035-02
85	1425.0	466.30	317.00	.5795-01	.6884-01	.7597-01	56.55	3.277	.3677	564.1	.1280-02
85	1425.0	536.50	319.00	.3559-01	.4225-01	.4660-01	56.79	2.021	.3651	560.2	.7856-03
85	1450.0	418.20	320.00	.2913-01	.3456-01	.3812-01	56.92	1.658	.3637	558.1	.6428-03
85	1450.0	436.00	321.00	.2965-01	.3518-01	.3880-01	56.89	1.687	.3641	558.6	.6543-03

OH105B 60-0 OMS POD (R3RS28)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
85	1450.0	468.20	322.00	.4015-01	.4764-01	.5254-01	56.91	2.285	.3638	558.2	.8860-03
85	1450.0	511.10	323.00	.5083-01	.6029-01	.6648-01	57.00	2.897	.3629	556.8	.1121-02
85	1500.0	437.00	327.00	.1796-01	.2130-01	.2348-01	57.13	1.026	.3615	554.7	.3961-03
85	1500.0	532.30	331.00	.5297-01	.6281-01	.6924-01	57.11	3.025	.3617	554.9	.1168-02
85	1525.0	424.00	332.00	.5302-02	.6286-02	.6930-02	57.13	.3029	.3615	554.6	.1169-03
85	1525.0	431.00	333.00	.1292-01	.1532-01	.1688-01	57.18	.7388	.3610	553.9	.2849-03
85	1525.0	440.00	334.00	.2481-01	.2941-01	.3242-01	57.17	1.418	.3610	553.9	.5471-03
85	1525.0	493.00	335.00	.2846-01	.3373-01	.3718-01	57.20	1.628	.3608	553.6	.6275-03
84	1545.0	434.00	338.00	.8911-02	.1056-01	.1164-01	57.93	.5162	.3594	557.3	.1978-03
84	1545.0	443.00	339.00	.2273-01	.2693-01	.2967-01	57.97	1.318	.3590	556.6	.5045-03

OH105B 60-0 OMS POD (R3RS29)

OMS POD

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
80	10.00	.0000	7.300	.9926	235.4	1510.	372.0	.4223-01	133.0	.2665-04	4126.	.1750-01
89	10.00	.0000	7.300	.9940	236.4	1513.	372.8	.4241-01	133.3	.2671-04	4130.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
80	.0000	.1270
89	.0000	.1273

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
89	1325.0	428.60	298.00	.1549-01	.1832-01	.2016-01	30.70	.4755	.3528	548.2	.6569-03
89	1325.0	489.20	299.00	.1644-01	.1944-01	.2140-01	30.68	.5043	.3531	548.6	.6970-03
89	1325.0	506.70	301.00	.1240-01	.1466-01	.1613-01	30.71	.3806	.3526	547.9	.5256-03
89	1350.0	440.40	302.00	.1698-01	.2004-01	.2201-01	31.16	.5293	.3434	533.5	.7187-03
89	1350.0	458.60	303.00	.8567-01	.1013	.1114	30.79	2.637	.3510	545.4	.3631-02
89	1350.0	498.50	304.00	.3302-01	.3906-01	.4299-01	30.66	1.012	.3536	549.3	.1400-02
89	1350.0	515.50	306.00	.1577-01	.1865-01	.2053-01	30.69	.4840	.3529	548.3	.6687-03
89	1375.0	421.60	308.00	.1961-01	.2320-01	.2553-01	30.68	.6017	.3531	548.6	.8316-03
89	1375.0	440.00	309.00	.7488-01	.8860-01	.9753-01	30.63	2.294	.3541	550.2	.3176-02
89	1375.0	460.00	310.00	.6763-01	.8002-01	.8809-01	30.63	2.071	.3543	550.4	.2869-02
89	1375.0	503.40	311.00	.3065-01	.3627-01	.3992-01	30.63	.9388	.3542	550.3	.1300-02
89	1375.0	531.00	312.00	.1168-01	.1378-01	.1514-01	31.12	.3634	.3444	535.0	.4944-03
89	1400.0	523.40	313.00	.1701-01	.2012-01	.2215-01	30.70	.5223	.3528	548.1	.7215-03
89	1425.0	415.10	315.00	.4231-01	.5006-01	.5509-01	30.67	1.298	.3534	549.0	.1795-02
89	1425.0	437.70	316.00	.4332-01	.5124-01	.5640-01	30.67	1.329	.3533	548.9	.1837-02
89	1425.0	466.30	317.00	.5822-01	.6891-01	.7589-01	30.55	1.779	.3557	552.6	.2470-02
89	1425.0	536.50	319.00	.6000-02	.7097-02	.7810-02	30.71	.1843	.3525	547.7	.2544-03
89	1450.0	418.20	320.00	.2746-01	.3247-01	.3574-01	30.69	.8428	.3529	548.3	.1164-02
89	1450.0	436.00	321.00	.4626-01	.5472-01	.6023-01	30.68	1.419	.3533	548.8	.1962-02

OH105B 60-0 OMS POD (R3RS29)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
89	1450.0	468.20	322.00	.2392-01	.2830-01	.3115-01	30.67	.7336	.3535	549.1	.1015-02
89	1450.0	511.10	323.00	.1365-01	.1615-01	.1777-01	30.69	.4190	.3529	548.3	.5788-03
89	1500.0	437.00	327.00	.2122-01	.2509-01	.2761-01	30.74	.6522	.3520	546.8	.8996-03
89	1500.0	532.30	331.00	.1821-01	.2153-01	.2369-01	30.75	.5598	.3518	546.5	.7718-03
89	1525.0	424.00	332.00	.8240-02	.9743-02	.1072-01	30.75	.2534	.3517	546.4	.3493-03
89	1525.0	431.00	333.00	.1573-01	.1860-01	.2047-01	30.75	.4837	.3518	546.5	.6669-03
89	1525.0	440.00	334.00	.2051-01	.2426-01	.2669-01	30.74	.6307	.3519	546.7	.8697-03
89	1525.0	493.00	335.00	.1239-01	.1465-01	.1612-01	30.74	.3808	.3519	546.7	.5252-03
80	1545.0	434.00	338.00	.1033-01	.1223-01	.1346-01	30.45	.3146	.3553	550.9	.4387-03
80	1545.0	443.00	339.00	.1839-01	.2176-01	.2396-01	30.46	.5602	.3550	550.4	.7809-03

OH105B 60-0 OMS POD

OMS POD

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
79	10.00	.0000	7.300	1.949	465.4	1516.	373.7	.8347-01	133.6	.5243-04	4135.	.1750-01
90	10.00	.0000	7.300	1.978	465.2	1503.	370.1	.8351-01	132.3	.5296-04	4116.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
79	.0000	.1786
90	.0000	.1785

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
90	1325.0	428.60	298.00	.1990-01	.2357-01	.2595-01	42.48	.8454	.3568	550.4	.5995-03
90	1325.0	489.20	299.00	.1706-01	.2020-01	.2224-01	42.46	.7242	.3570	550.8	.5138-03
90	1325.0	506.70	301.00	.2606-01	.3086-01	.3399-01	42.48	1.107	.3567	550.2	.7851-03
90	1350.0	440.40	302.00	.2564-01	.3029-01	.3331-01	43.04	1.104	.3486	537.7	.7710-03
90	1350.0	458.60	303.00	.7307-01	.8649-01	.9523-01	42.58	3.111	.3553	548.1	.2201-02
90	1350.0	498.50	304.00	.4217-01	.4995-01	.5502-01	42.43	1.789	.3575	551.5	.1271-02
90	1350.0	515.50	306.00	.2857-01	.3384-01	.3727-01	42.47	1.213	.3569	550.6	.8608-03
90	1375.0	421.60	308.00	.2344-01	.2776-01	.3058-01	42.45	.9951	.3572	551.1	.7063-03
90	1375.0	440.00	309.00	.8154-01	.9658-01	.1064	42.38	3.456	.3581	552.4	.2457-02
90	1375.0	460.00	310.00	.6381-01	.7558-01	.8326-01	42.39	2.705	.3580	552.3	.1923-02
90	1375.0	503.40	311.00	.4370-01	.5176-01	.5702-01	42.39	1.853	.3580	552.2	.1317-02
90	1375.0	531.00	312.00	.8038-02	.9519-02	.1049-01	42.44	.3411	.3573	551.3	.2422-03
90	1400.0	523.40	313.00	.2286-01	.2706-01	.2980-01	42.50	.9713	.3565	549.9	.6884-03
90	1425.0	415.10	315.00	.4363-01	.5167-01	.5691-01	42.45	1.852	.3571	550.9	.1315-02
90	1425.0	437.70	316.00	.4273-01	.5060-01	.5573-01	42.45	1.814	.3571	550.9	.1287-02
90	1425.0	466.30	317.00	.1495-01	.1770-01	.1949-01	42.55	.6362	.3558	548.8	.4503-03
90	1425.0	536.50	319.00	.9045-02	.1071-01	.1179-01	42.51	.3845	.3564	549.7	.2724-03
90	1450.0	418.20	320.00	.3762-01	.4454-01	.4906-01	42.48	1.598	.3568	550.4	.1133-02
90	1450.0	436.00	321.00	.3840-01	.4547-01	.5008-01	42.48	1.631	.3568	550.4	.1157-02

OH105B 60-0 OMS POD (R3RS30)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
90	1450.0	468.20	322.00	.2464-01	.2918-01	.3214-01	42.46	1.046	.3571	550.8	.7424-03
90	1450.0	511.10	323.00	.1300-01	.1539-01	.1695-01	42.47	.5520	.3568	550.5	.3915-03
90	1500.0	437.00	327.00	.1623-01	.1921-01	.2115-01	42.59	.6914	.3552	547.9	.4888-03
90	1500.0	572 30	331.00	.1608-01	.1902-01	.2095-01	42.61	.6851	.3548	547.3	.4841-03
90	1525.0	424.00	332.00	.2857-02	.3381-02	.3722-02	42.64	.1218	.3544	546.8	.8602-04
90	1525.0	431.00	333.00	.1451-01	.1717-01	.1891-01	42.60	.6181	.3550	547.6	.4369-03
90	1525.0	440.00	334.00	.1842-01	.2180-01	.2400-01	42.60	.7847	.3543	547.5	.5546-03
90	1525.0	493.00	335.00	.1178-01	.1394-01	.1535-01	42.61	.5020	.3549	547.5	.3548-03
79	1545.0	434.00	338.00	.7803-02	.9233-02	.1016-01	43.07	.3360	.3544	551.8	.2363-03
79	1545.0	443.00	339.00	.1594-01	.1886-01	.2077-01	43.08	.6868	.3542	551.5	.4827-03

OH105B 60-0 OMS POD (R3RS31)

OMS POD

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
77	15.00	.0000	7.300	.9958	236.9	1513.	372.8	.4250-01	133.3	.2676-04	4131.	.1750-01
92	15.00	.0000	7.300	1.012	237.8	1502.	369.9	.4270-01	132.2	.2710-04	4114.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
77	.0000	.1274
92	.0000	.1276

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
92	1325.0	428.60	298.00	.3483-01	.4131-01	.4555-01	30.07	1.047	.3626	559.0	.1469-02
92	1325.0	489.20	299.00	.2919-01	.3462-01	.3817-01	30.06	.8775	.3626	559.0	.1231-02
92	1325.0	506.70	301.00	.3911-01	.4638-01	.5113-01	30.09	1.177	.3621	558.1	.1649-02
92	1350.0	440.40	302.00	.3942-01	.4662-01	.5130-01	30.57	1.205	.3524	543.3	.1658-02
92	1350.0	458.60	303.00	.7629-01	.9043-01	.9966-01	30.18	2.302	.3603	555.5	.3215-02
92	1350.0	498.50	304.00	.7800-01	.9252-01	.1020	30.05	2.344	.3629	559.4	.3289-02
92	1350.0	515.50	306.00	.3646-01	.4324-01	.4768-01	30.08	1.097	.3623	558.5	.1537-02
92	1375.0	421.60	308.00	.2787-01	.3305-01	.3645-01	30.05	.8373	.3629	559.5	.1175-02
92	1375.0	440.00	309.00	.6607-01	.7838-01	.8644-01	30.02	1.983	.3635	560.4	.2786-02
92	1375.0	460.00	310.00	.7033-01	.8345-01	.9202-01	30.02	2.111	.3636	560.4	.2966-02
92	1375.0	503.40	311.00	.3940-01	.4674-01	.5154-01	30.04	1.184	.3630	559.7	.1661-02
92	1375.0	531.00	312.00	.1026-01	.1215-01	.1338-01	30.42	.3122	.3554	547.9	.4321-03
92	1400.0	523.40	313.00	.2297-01	.2724-01	.3003-01	30.09	.6912	.3620	558.1	.9683-03
92	1425.0	415.10	315.00	.3830-01	.4543-01	.5010-01	30.05	1.151	.3629	559.4	.1615-02
92	1425.0	437.70	316.00	.3696-01	.4384-01	.4834-01	30.06	1.111	.3627	559.2	.1559-02
92	1425.0	536.50	319.00	.1102-01	.1307-01	.1441-01	30.10	.3316	.3619	558.0	.4646-03
92	1450.0	418.20	320.00	.1983-01	.2352-01	.2593-01	30.07	.5962	.3625	558.8	.8360-03
92	1450.0	436.00	321.00	.3667-01	.4350-01	.4796-01	30.07	1.103	.3626	558.9	.1546-02
92	1450.0	468.20	322.00	.2807-01	.3329-01	.3671-01	30.07	.8440	.3626	558.9	.1184-02

OH105B 60-O OMS POD (R3RS31)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
92	1450.0	511.10	323.00	.1019-01	.1208-01	.1332-01	30.08	.3065	.3622	558.4	.4295-03
92	1450.0	526.60	325.00	.7723-03	.9141-03	.1006-02	30.42	.2349-01	.3554	547.9	.3251-04
92	1500.0	437.00	327.00	.1965-01	.2329-01	.2568-01	30.15	.5924	.3609	556.3	.8282-03
92	1500.0	532.30	331.00	.9550-02	.1132-01	.1248-01	30.17	.2882	.3604	555.6	.4025-03
92	1525.0	424.00	332.00	.2044-02	.2423-02	.2670-02	30.18	.6169-01	.3602	555.3	.8615-04
92	1525.0	431.00	333.00	.1391-01	.1649-01	.1817-01	30.16	.4195	.3607	556.0	.5863-03
92	1525.0	440.00	334.00	.2238-01	.2654-01	.2925-01	30.15	.6749	.3608	556.2	.9435-03
92	1525.0	493.00	335.00	.1377-01	.1633-01	.1800-01	30.17	.4156	.3605	555.7	.5806-03
77	1545.0	434.00	338.00	.7872-02	.9313-02	.1025-01	30.68	.2415	.3538	549.8	.3336-03
77	1545.0	443.00	339.00	.1845-01	.2183-01	.2403-01	30.69	.5663	.3536	549.5	.7818-03

OH105B 60-O OMS POD (R3RS32)

OMS POD

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
78	15.00	.0000	7.300	1.967	465.7	1508.	371.6	.8356-01	132.9	.5278-04	4124.	.1750-01
91	15.00	.0000	7.300	1.983	465.8	1501.	369.9	.8364-01	132.2	.5308-04	4114.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
78	.0000	.1786
91	.0000	.1786

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
91	1325.0	428.60	298.00	.4010-01	.4755-01	.5242-01	42.14	1.690	.3616	557.5	.1208-02
91	1325.0	489.20	299.00	.4032-01	.4781-01	.5271-01	42.12	1.698	.3620	557.9	.1214-02
91	1325.0	506.70	301.00	.3241-01	.3843-01	.4237-01	42.15	1.366	.3615	557.2	.9763-03
91	1350.0	440.40	302.00	.2387	.2822	.3105	42.84	10.23	.3514	541.7	.7173-02
91	1350.0	458.60	303.00	.1334	.1581	.1742	42.25	5.635	.3600	554.9	.4015-02
91	1350.0	498.50	304.00	.7767-01	.9212-01	.1016	42.08	3.268	.3626	558.9	.2340-02
91	1350.0	515.50	306.00	.4197-01	.4977-01	.5486-01	42.12	1.767	.3620	558.0	.1264-02
91	1375.0	421.60	308.00	.4086-01	.4846-01	.5343-01	42.10	1.720	.3622	558.2	.1231-02
91	1375.0	440.00	309.00	.5907-01	.7009-01	.7729-01	42.01	2.482	.3635	560.3	.1780-02
91	1375.0	460.00	310.00	.6797-01	.8064-01	.8893-01	42.01	2.855	.3636	560.5	.2048-02
91	1375.0	503.40	311.00	.2120-01	.2515-01	.2773-01	42.05	.8917	.3629	559.4	.6389-03
91	1375.0	531.00	312.00	.1431-01	.1693-01	.1864-01	42.63	.6100	.3545	546.4	.4303-03
91	1400.0	523.40	313.00	.2856-01	.3387-01	.3734-01	42.13	1.203	.3617	557.6	.8603-03
91	1425.0	415.10	315.00	.3736-01	.4431-01	.4886-01	42.09	1.573	.3623	558.5	.1126-02
91	1425.0	437.70	316.00	.3589-01	.4256-01	.4693-01	42.08	1.510	.3624	558.7	.1081-02
91	1425.0	466.30	317.00	.5410-01	.6423-01	.7087-01	41.85	2.264	.3659	564.0	.1631-02
91	1425.0	536.50	319.00	.1418-01	.1681-01	.1854-01	42.16	.5979	.3614	557.0	.4271-03
91	1450.0	418.20	320.00	.1754-01	.2080-01	.2293-01	42.14	.7392	.3617	557.5	.5284-03
91	1450.0	436.00	321.00	.2557-01	.3033-01	.3344-01	42.08	1.076	.3626	558.9	.7704-03

OH105-B MODELS 83-O AND 60-O AT ARC 3.5 FT. TUNNEL

OH105B 60-O OMS POD

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
91	1450.0	468.20	322.00	.2562-01	.3038-01	.3350-01	42.10	1.079	.3623	558.4	.7718-03
91	1450.0	511.10	323.00	.6703-02	.7948-02	.8762-02	42.15	.2826	.3614	557.1	.2019-03
91	1500.0	437.00	327.00	.1399-01	.1659-01	.1828-01	42.24	.5912	.3601	555.1	.4214-03
91	1500.0	532.30	331.00	.1769-01	.2097-01	.2311-01	42.21	.7465	.3606	555.9	.5326-03
91	1525.0	424.00	332.00	.5323-02	.6309-02	.6953-02	42.25	.2249	.3601	555.1	.1603-03
91	1525.0	431.00	333.00	.8556-02	.1014-01	.1117-01	42.28	.3618	.3596	554.3	.2576-03
91	1525.0	440.00	334.00	.1491-01	.1767-01	.1947-01	42.27	.6302	.3598	554.7	.4489-03
91	1525.0	493.00	335.00	.1283-01	.1520-01	.1675-01	42.27	.5422	.3597	554 5	.3861-03
78	1545.0	434.00	338.00	.6367-02	.7543-02	.8310-02	42.55	.2709	.3586	555.4	.1922-03
78	1545.0	443.00	339.00	.1554-01	.1840-01	.2028-01	42.56	.6612	.3584	555.1	.4691-03

OMS POD

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
121	20.00	.0000	7.300	1.006	235.4	1498.	369.0	.4228-01	131.9	.2690-04	4109.	.1750-01
122	20.00	.0000	7.300	1.012	235.5	1493.	367.7	.4230-01	131.5	.2700-04	4103.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
121	.0000	.1270
122	.0000	.1270

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
122	1325.0	428.60	298.00	.1008-01	.1192-01	.1312-01	30.19	.3042	.3533	541.5	.4246-03
122	1325.0	489.20	299.00	.1386	.1639	.1804	30.16	4.179	.3539	542.3	.5839-02
122	1325.0	506.70	301.00	.8653-02	.1024-01	.1127-01	30.19	.2612	.3533	541.6	.3646-03
122	1350.0	440.40	302.00	.1993-01	.2358-01	.2596-01	30.14	.6006	.3544	543.1	.8400-03
122	1350.0	458.60	303.00	.4738-01	.5607-01	.6173-01	30.12	1.427	.3547	543.7	.1997-02
122	1350.0	498.50	304.00	.4117-01	.4871-01	.5363-01	30.13	1.240	.3545	543.3	.1735-02
122	1350.0	515.50	306.00	.1362-01	.1611-01	.1774-01	30.17	.4110	.3537	542.0	.5740-03
122	1375.0	440.00	309.00	.1289-01	.1526-01	.1680-01	30.12	.3884	.3548	543.7	.5435-03
122	1375.0	460.00	310.00	.6285-01	.7439-01	.8191-01	30.09	1.891	.3554	544.6	.2650-02
122	1375.0	503.40	311.00	.2044-01	.2420-01	.2666-01	30.00	.6130	.3573	547.6	.8620-03
122	1375.0	531.00	312.00	.8786-02	.1040-01	.1145-01	30.14	.2648	.3544	543.2	.3703-03
122	1400.0	523.40	313.00	.9646-02	.1141-01	.1256-01	30.17	.2910	.3538	542.2	.4065-03
122	1425.0	415.10	315.00	.8947-02	.1059-01	.1165-01	30.14	.2697	.3542	542.9	.3771-03
122	1425.0	437.70	316.00	.9816-02	.1161-01	.1279-01	30.14	.2959	.3543	542.9	.4137-03
122	1425.0	466.30	317.00	.5821-01	.6889-01	.7585-01	30.10	1.752	.3551	544.2	.2454-02
122	1425.0	536.50	319.00	.8957-02	.1060-01	.1166-01	30.17	.2702	.3537	542.2	.3774-03
122	1450.0	418.20	320.00	.3341-02	.3953-02	.4351-02	30.17	.1008	.3538	542.2	.1408-03
122	1450.0	436.00	321.00	.1114-01	.1318-01	.1451-01	30.14	.3357	.3543	543.0	.4695-03
122	1450.0	468.20	322.00	.4811-01	.5694-01	.6268-01	30.12	1.449	.3548	543.8	.2028-02

OH105B 60-0 OMS POD (R3RS33)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
122	1450.0	511.10	323.00	.1406-01	.1664-01	.1832-01	30.13	.4237	.3546	543.4	.5927-03
122	1450.0	526.60	325.00	.1336-02	.1580-02	.1739-02	30.27	.4045-01	.3517	539.1	.5630-04
122	1500.0	437.00	327.00	.6094-02	.7208-02	.7934-02	30.19	.1840	.3533	541.5	.2568-03
122	1500.0	532.30	331.00	.6074-02	.7185-02	.7908-02	30.20	.1834	.3532	541.3	.2559-03
122	1525.0	424.00	332.00	.2549-02	.3015-02	.3318-02	30.22	.7702-01	.3528	540.7	.1074-03
122	1525.0	431.00	333.00	.6737-02	.7969-02	.8771-02	30.19	.2034	.3532	541.3	.2839-03
122	1525.0	440.00	334.00	.2128-01	.2517-01	.2770-01	30.19	.6424	.3533	541.5	.8966-03
122	1525.0	493.00	335.00	.1142-01	.1351-01	.1487-01	30.19	.3448	.3534	541.6	.4813-03
121	1545.0	434.00	338.00	.7026-02	.8318-02	.9160-02	30.16	.2119	.3560	547.5	.2969-03
121	1545.0	443.00	339.00	.2567-01	.3038-01	.3346-01	30.16	.7741	.3560	547.3	.1084-02

OH105B 60-O OMS POD (R3RS34)

O*S POD

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
120	20.00	.0000	7.300	1.995	468.4	1501.	369.8	.8410-01	132.2	.5339-04	4114.	.1750-01
123	20.00	.0000	7.300	1.986	465.5	1500.	369.3	.8359-01	132.0	.5313-04	4111.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
120	.0000	.1791
123	.0000	.1785

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
123	1325.0	428.60	298.00	.2242-01	.2654-01	.2922-01	42.54	.9539	.3548	546.1	.6740-03
123	1325.0	489.20	299.00	.1276	.1511	.1663	42.51	5.426	.3552	546.8	.3837-02
123	1325.0	506.70	301.00	.9244-02	.1094-01	.1204-01	42.53	.3931	.3549	546.3	.2779-03
123	1350.0	440.40	302.00	.2069-01	.2449-01	.2697-01	42.48	.8789	.3556	547.4	.6220-03
123	1350.0	458.60	303.00	.1751	.2073	.2283	42.45	7.434	.3560	548.0	.5265-02
123	1350.0	498.50	304.00	.4889-01	.5788-01	.6373-01	42.46	2.076	.3559	547.8	.1470-02
123	1350.0	515.50	306.00	.1675-01	.1982-01	.2183-01	42.51	.7121	.3551	546.7	.5035-03
123	1375.0	440.00	309.00	.2571-01	.3044-01	.3352-01	42.45	1.091	.3561	548.1	.7730-03
123	1375.0	460.00	310.00	.1181	.1398	.1540	42.43	5.010	.3564	548.6	.3550-02
123	1375.0	503.40	311.00	.1918-01	.2274-01	.2506-01	42.12	.8078	.3609	555.5	.5773-03
123	1375.0	531.00	312.00	.1087-01	.1287-01	.1417-01	42.46	.4614	.3559	547.8	.3267-03
123	1400.0	523.40	313.00	.1841-01	.2178-01	.2398-01	42.53	.7828	.3549	546.3	.5533-03
123	1425.0	415.10	315.00	.1583-01	.1874-01	.2063-01	42.49	.6727	.3554	547.1	.4759-03
123	1425.0	437.70	316.00	.1704-01	.2017-01	.2221-01	42.49	.7240	.3554	547.1	.5122-03
123	1425.0	466.30	317.00	.3605-01	.4268-01	.4700-01	42.44	1.530	.3562	548.3	.1084-02
123	1425.0	536.50	319.00	.1009-01	.1194-01	.1315-01	42.52	.4289	.3551	546.6	.3032-03
123	1450.0	418.20	320.00	.5155-02	.6101-02	.6717-02	42.52	.2192	.3550	546.4	.1550-03
123	1450.0	436.00	321.00	.2033-01	.2406-01	.2650-01	42.49	.8638	.3555	547.2	.6112-03
123	1450.0	468.20	322.00	.2447-01	.2896-01	.3189-01	42.46	1.039	.3559	547.8	.7356-03

OH105-B MODELS 83-O AND 60-O AT ARC 3.5 FT. TUNNEL

OH105B 60-O OMS POD

(R3RS34)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
123	1450.0	511.10	323.00	.1249-01	.1479-01	.1628-01	42.48	.5306	.3557	547.5	.3756-03
123	1450.0	526.60	325.00	.4348-03	.5141-03	.5658-03	42.74	.1858-01	.3518	541.6	.1306-04
123	1500.0	437.00	327.00	.1616-01	.1912-01	.2105-01	42.56	.6875	.3545	545.7	.4856-03
123	1500.0	532.30	331.00	.1027-01	.1215-01	.1337-01	42.58	.4371	.3542	545.2	.3085-03
123	1525.0	424.00	332.00	.1380-02	.1632-02	.1797-02	42.58	.5875-01	.3541	545.1	.4146-04
123	1525.0	431.00	333.00	.9952-02	.1178-01	.1296-01	42.57	.4236	.3543	545.4	.2991-03
123	1525.0	440.00	334.00	.3727-01	.4410-01	.4855-01	42.57	1.587	.3543	545.4	.1120-02
123	1525.0	493.00	335.00	.1082-01	.1280-01	.1410-01	42.55	.4604	.3546	545.9	.3252-03
120	1545.0	434.00	338.00	.7040-02	.8330-02	.9171-02	42.74	.3009	.3546	546.5	.2111-03
120	1545.0	443.00	339.00	.3421-01	.4048-01	.4457-01	42.76	1.463	.3543	546.1	.1026-02

OMS POD

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
93	.0000	.0000	7.300	.9838	236.4	1521.	375.1	.4238-01	134.1	.2652-04	4143.	.1750-01
100	.0000	.0000	7.300	1.039	241.2	1491.	367.1	.4333-01	131.2	.2771-04	4099.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
93	.0000	.1273
100	.0000	.1285

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
93	1325.0	428.60	298.00	.1892-01	.2240-01	.2467-01	30.68	.5803	.3572	558.4	.8061-03
93	1325.0	489.20	299.00	.6477-01	.7670-01	.8449-01	30.68	1.987	.3571	558.3	.2760-02
93	1325.0	506.70	301.00	.2449	.2900	.3194	30.72	7.524	.3564	557.1	.1044-01
93	1350.0	440.40	302.00	.1582-02	.1869-02	.2055-02	31.12	.4923-01	.3483	544.5	.6729-04
93	1350.0	458.60	303.00	.4398-01	.5206-01	.5733-01	30.74	1.352	.3558	556.3	.1874-02
93	1350.0	498.50	304.00	.4518-01	.5352-01	.5895-01	30.65	1.385	.3577	559.3	.1926-02
93	1350.0	515.50	306.00	.1469	.1740	.1916	30.69	4.509	.3569	557.9	.6260-02
93	1375.0	421.60	308.00	.1529-01	.1811-01	.1995-01	30.65	.4685	.3578	559.3	.6515-03
93	1375.0	440.00	309.00	.3890-01	.4609-01	.5079-01	30.57	1.189	.3593	561.7	.1659-02
93	1375.0	460.00	310.00	.6124-01	.7256-01	.7995-01	30.57	1.872	.3593	561.7	.2611-02
93	1375.0	503.40	311.00	.4253-01	.5038-01	.5551-01	30.62	1.302	.3583	560.1	.1813-02
93	1375.0	531.00	312.00	.4516-01	.5339-01	.5874-01	30.99	1.399	.3510	548.7	.1922-02
93	1400.0	523.40	313.00	.8268-01	.9791-01	.1078	30.68	2.536	.3571	558.4	.3523-02
93	1425.0	415.10	315.00	.2581-01	.3058-01	.3369-01	30.62	.7904	.3583	560.2	.1100-02
93	1425.0	437.70	316.00	.2573-01	.3048-01	.3358-01	30.62	.7877	.3583	560.2	.1097-02
93	1425.0	536.50	319.00	.3422-01	.4052-01	.4463-01	30.71	1.051	.3566	557.5	.1458-02
93	1450.0	418.20	320.00	.1428-01	.1691-01	.1863-01	30.65	.4377	.3577	559.3	.6086-03
93	1450.0	436.00	321.00	.2276-01	.2696-01	.2971-01	30.62	.6971	.3583	560.1	.9703-03
93	1450.0	468.20	322.00	.3151-01	.3733-01	.4113-01	30.61	.9647	.3585	560.5	.1343-02

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105B 60-0 OMS POD

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
93	1450.0	511.10	323.00	.3562-01	.4218-01	.4646-01	30.66	1.092	.3574	558.8	.1518-02
93	1500.0	437.00	327.00	.1470-01	.1741-01	.1917-01	30.69	.4511	.3570	558.1	.6265-03
93	1500.0	532.30	331.00	.3768-01	.4461-01	.4913-01	30.71	1.157	.3564	557.2	.1606-02
93	1525.0	431.00	333.00	.1207-01	.1429-01	.1574-01	30.70	.3706	.3567	557.6	.5143-03
93	1525.0	440.00	334.00	.1627-01	.1926-01	.2122-01	30.70	.4995	.3567	557.7	.6933-03
93	1525.0	493.00	335.00	.2699-01	.3195-01	.3519-01	30.70	.8285	.3567	557.6	.1150-02
100	1545.0	434.00	338.00	.7798-02	.9241-02	.1018-01	30.21	.2356	.3592	549.5	.3247-03
100	1545.0	443.00	339.00	.1685-01	.1997-01	.2200-01	30.23	.5095	.3588	548.9	.7018-03

OMS POD

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
94	.0000	.0000	7.300	1.972	467.1	1509.	371.8	.8381-01	132.9	.5292-04	4125.	.1750-01
99	.0000	.0000	7.300	1.987	465.7	1500.	369.3	.8362-01	132.0	.5314-04	4111.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
94	.0000	.1789
99	.0000	.1786

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
94	1325.0	428.60	298.00	.5204-01	.6164-01	.6791-01	42.65	2.220	.3583	555.1	.1569-02
94	1325.0	489.20	299.00	.9908-01	.1174	.1293	42.65	4.225	.3584	555.3	.2988-02
94	1325.0	506.70	301.00	.2803	.3321	.3658	42.66	11.96	.3582	555.0	.8454-02
94	1350.0	440.40	302.00	.1575-01	.1861-01	.2047-01	43.22	.6806	.3500	542.3	.4740-03
94	1350.0	458.60	303.00	.8039-01	.9518-01	.1048	42.75	3.437	.3568	552.9	.2423-02
94	1350.0	498.50	304.00	.6643-01	.7871-01	.8672-01	42.61	2.831	.3588	556.0	.2004-02
94	1350.0	515.50	306.00	.1408	.1668	.1838	42.63	6.002	.3586	555.6	.4246-02
94	1375.0	421.60	308.00	.2921-01	.3460-01	.3813-01	42.61	1.244	.3589	556.1	.8808-03
94	1375.0	440.00	309.00	.5428-01	.6435-01	.7092-01	42.50	2.307	.3605	558.7	.1638-02
94	1375.0	460.00	310.00	.9601-01	.1138	.1254	42.54	4.084	.3599	557.6	.2896-02
94	1375.0	503.40	311.00	.7199-01	.8530-01	.9399-01	42.60	3.067	.3591	556.4	.2171-02
94	1375.0	531.00	312.00	.7069-01	.8356-01	.9192-01	43.19	3.053	.3505	543.1	.2128-02
94	1400.0	523.40	313.00	.6649-01	.7875-01	.8676-01	42.67	2.837	.3581	554.8	.2005-02
94	1425.0	415.10	315.00	.4069-01	.4821-01	.5312-01	42.61	1.734	.3590	556.2	.1227-02
94	1425.0	437.70	316.00	.3972-01	.4706-01	.5186-01	42.59	1.692	.3591	556.4	.1198-02
94	1425.0	536.50	319.00	.3342-01	.3958-01	.4360-01	42.69	1.427	.3577	554.3	.1008-02
94	1450.0	418.20	320.00	.2335-01	.2767-01	.3048-01	42.64	.9957	.3585	555.5	.7043-03
94	1450.0	436.00	321.00	.3156-01	.3738-01	.4119-01	42.65	1.346	.3583	555.2	.9517-03
94	1450.0	468.20	322.00	.3992-01	.4729-01	.5210-01	42.64	1.702	.3585	555.4	.1204-02

OH105B 60-0 OMS POD (R3RS36)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
94	1450.0	511.10	323.00	.4644-01	.5500-01	.6059-01	42.69	1.983	.3577	554.2	.1400-02
94	1500.0	437.00	327.00	.1930-01	.2285-01	.2517-01	42.80	.8261	.3562	551.9	.5818-03
94	1500.0	532.30	331.00	.4328-01	.5124-01	.5642-01	42.81	1.853	.3560	551.6	.1304-02
94	1525.0	424.00	332.00	.4777-02	.5654-02	.6226-02	42.84	.2046	.3555	550.9	.1440-03
94	1525.0	431.00	333.00	.1441-01	.1705-01	.1878-01	42.82	.6169	.3558	551.3	.4342-03
94	1525.0	440.00	334.00	.2425-01	.2870-01	.3161-01	42.82	1.038	.3558	551.3	.7308-03
94	1525.0	493.00	335.00	.3188-01	.3774-01	.4156-01	42.84	1.366	.3556	550.9	.9609-03
99	1545.0	434.00	338.00	.9913-02	.1175-01	.1295-01	42.22	.4185	.3596	553.5	.2982-03
99	1545.0	443.00	339.00	.2210-01	.2619-01	.2885-01	42.24	.9335	.3592	552.9	.6648-03

OH105B 60-0 OMS POD (R3RS37)

OMS POD

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
95	.0000	.0000	7.300	2.995	698.8	1496.	368.3	.1255	131.7	.7999-04	4106.	.1750-01
98	.0000	.0000	7.300	3.020	698.9	1488.	366.4	.1256	131.0	.8045-04	4095.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
95	.0000	.2187
98	.0000	.2187

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
95	1325.0	428.60	298.00	.5483-01	.6502-01	.7167-01	51.39	2.818	.3616	555.1	.1345-02
95	1325.0	489.20	299.00	.1608	.1906	.2101	51.47	8.276	.3607	553.6	.3943-02
95	1325.0	506.70	301.00	.2891	.3427	.3778	51.46	14.88	.3608	553.9	.7090-02
95	1350.0	440.40	302.00	.4216-01	.4992-01	.5498-01	51.82	2.185	.3566	547.3	.1033-02
95	1350.0	458.60	303.00	.1317	.1562	.1721	51.48	6.782	.3606	553.5	.3231-02
95	1350.0	498.50	304.00	.7651-01	.9071-01	.9999-01	51.43	3.935	.3611	554.4	.1877-02
95	1350.0	515.50	306.00	.1399	.1659	.1829	51.43	7.197	.3611	554.4	.3432-02
95	1375.0	421.60	308.00	.3116-01	.3696-01	.4075-01	51.29	1.598	.3629	557.0	.7645-03
95	1375.0	440.00	309.00	.5913-01	.7013-01	.7733-01	51.29	3.032	.3629	557.1	.1451-02
95	1375.0	460.00	310.00	.1031	.1223	.1348	51.31	5.288	.3627	556.7	.2529-02
95	1375.0	503.40	311.00	.8075-01	.9574-01	.1055	51.41	4.151	.3615	554.8	.1981-02
95	1375.0	531.00	312.00	.6191-01	.7328-01	.8070-01	51.90	3.213	.3556	545.8	.1517-02
95	1400.0	523.40	313.00	.7459-01	.8841-01	.9744-01	51.50	3.841	.3603	553.1	.1829-02
95	1425.0	437.70	316.00	.4253-01	.5044-01	.5562-01	51.32	2.183	.3625	556.4	.1043-02
95	1425.0	466.30	317.00	.5763-01	.6836-01	.7538-01	51.28	2.955	.3630	557.2	.1414-02
95	1425.0	536.50	319.00	.2974-01	.3524-01	.3884-01	51.52	1.532	.3601	552.7	.7291-03
95	1450.0	418.20	320.00	.2615-01	.3101-01	.3419-01	51.37	1.343	.3620	555.6	.6416-03
95	1450.0	436.00	321.00	.2625-01	.3113-01	.3431-01	51.39	1.349	.3617	555.2	.6439-03
95	1450.0	468.20	322.00	.3915-01	.4641-01	.5115-01	51.47	2.015	.3607	553.7	.9601-03

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105B 60-0 OMS POD

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
95	1450.0	511.10	323.00	.4666-01	.5529-01	.6093-01	51.57	2.406	.3596	551.9	.1144-02
95	1450.0	526.60	325.00	.1057-04	.1252-04	.1379-04	51.70	.5466-03	.3579	549.5	.2591-06
95	1500.0	437.00	327.00	.1648-01	.1952-01	.2151-01	51.65	.8512	.3585	550.4	.4039-03
95	1500.0	532.30	331.00	.4866-01	.5765-01	.6352-01	51.64	2.513	.3586	550.5	.1193-02
95	1525.0	424.00	332.00	.5462-02	.6470-02	.7128-02	51.67	.2822	.3583	550.0	.1339-03
95	1525.0	431.00	333.00	.1134-01	.1343-01	.1480-01	51.71	.5864	.3578	549.3	.2779-03
95	1525.0	440.00	334.00	.2270-01	.2689-01	.2962-01	51.72	1.174	.3578	549.2	.5564-03
95	1525.0	493.00	335.00	.2878-01	.3409-01	.3755-01	51.75	1.490	.3574	548.6	.7054-03
98	1545.0	434.00	338.00	.8540-02	.1013-01	.1116-01	51.15	.4368	.3614	551.9	.2088-03
98	1545.0	443.00	339.00	.2180-01	.2584-01	.2848-01	51.18	1.116	.3610	551.3	.5328-03

OH105B 60-0 OMS POD (R3RS38)

OMS POD

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
96	.0000	.0000	7.300	3.711	863.4	1493.	367.7	.1551	131.4	.9903-04	4102.	.1750-01
97	.0000	.0000	7.300	3.761	863.4	1481.	364.6	.1552	130.3	.9995-04	4085.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
96	.0000	.2431
97	.0000	.2430

TEST DATA

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
96	1325.0	428.60	298.00	.4985-01	.5911-01	.6516-01	57.03	2.843	.3615	554.0	.1099-02
96	1325.0	489.20	299.00	.1933	.2291	.2526	57.04	11.02	.3614	553.8	.4260-02
96	1325.0	506.70	301.00	.2974	.3527	.3888	57.02	16.96	.3617	554.2	.6556-02
96	1350.0	440.40	302.00	.2588-01	.3064-01	.3374-01	57.52	1.488	.3563	546.0	.5697-03
96	1350.0	458.60	303.00	.1262	.1496	.1649	57.07	7.204	.3611	553.3	.2782-02
96	1350.0	498.50	304.00	.8679-01	.1029	.1135	56.98	4.945	.3621	554.9	.1913-02
96	1350.0	515.50	306.00	.1444	.1712	.1887	56.98	8.226	.3621	554.8	.3182-02
96	1375.0	421.60	308.00	.3434-01	.4073-01	.4490-01	56.94	1.955	.3625	555.4	.7570-03
96	1375.0	440.00	309.00	.6005-01	.7124-01	.7856-01	56.86	3.414	.3634	556.9	.1324-02
96	1375.0	460.00	310.00	.1011	.1199	.1322	56.87	5.748	.3633	556.7	.2229-02
96	1375.0	503.40	311.00	.8101-01	.9608-01	.1059	56.94	4.613	.3625	555.5	.1786-02
96	1375.0	531.00	312.00	.6580-01	.7792-01	.8583-01	57.42	3.778	.3573	547.6	.1449-02
96	1400.0	523.40	313.00	.8086-01	.9586-01	.1057	57.07	4.615	.3611	553.3	.1782-02
96	1425.0	415.10	315.00	.6092-01	.7225-01	.7966-01	56.94	3.468	.3626	555.6	.1343-02
96	1425.0	437.70	316.00	.4494-01	.5330-01	.5877-01	56.94	2.559	.3625	555.5	.9908-03
96	1425.0	466.30	317.00	.3531-01	.4187-01	.4615-01	57.04	2.014	.3615	553.9	.7783-03
96	1425.0	536.50	319.00	.3353-01	.3975-01	.4381-01	57.09	1.914	.3609	553.0	.7390-03
96	1450.0	418.20	320.00	.2873-01	.3407-01	.3756-01	57.00	1.638	.3619	554.5	.6334-03
96	1450.0	436.00	321.00	.2862-01	.3394-01	.3741-01	57.00	1.631	.3618	554.5	.6309-03

OH105B 60-O OMS POD

(R3RS38)

RUN NUMBER	XO	ZO	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
96	1450.0	468.20	322.00	.3908-01	.4634-01	.5108-01	57.02	2.228	.3617	554.2	.8614-03
96	1450.0	511.10	323.00	.5074-01	.6015-01	.6630-01	57.08	2.896	.3610	553.2	.1118-02
96	1450.0	526.60	325.00	.2081-02	.2466-02	.2717-02	57.27	.1192	.3590	550.1	.4585-04
96	1500.0	437.00	327.00	.1756-01	.2080-01	.2292-01	57.25	1.005	.3592	550.4	.3867-03
96	1500.0	532.30	331.00	.4907-01	.5814-01	.6406-01	57.28	2.811	.3588	549.9	.1081-02
96	1525.0	424.00	332.00	.2506-02	.2969-02	.3271-02	57.32	.1437	.3585	549.3	.5520-04
96	1525.0	431.00	333.00	.1337-01	.1584-01	.1745-01	57.27	.7658	.3589	550.0	.2945-03
96	1525.0	440.00	334.00	.2551-01	.3023-01	.3330-01	57.29	1.462	.3587	549.7	.5620-03
96	1525.0	493.00	335.00	.2789-01	.3304-01	.3640-01	57.33	1.599	.3584	549.1	.6143-03
97	1545.0	434.00	338.00	.8753-02	.1038-01	.1145-01	56.35	.4932	.3636	552.4	.1920-03
97	1545.0	443.00	339.00	.2176-01	.2582-01	.2847-01	56.39	1.227	.3631	551.7	.4774-03

OH105B 60-0 VERTICAL TAIL

VERT TAIL

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X1C 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
88	.0000	.0000	7.300	.9774	235.5	1524.	375.8	.4222-01	134.4	.2637-04	4147.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
88	.0000	.1271

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
88	.10000+00	.10000+00	340.00	.9471-01	.1118	.1229	31.26	2.960	.3456	541.3	.4038-02
88	.10000+00	.30000	341.00	.4769-01	.5629-01	.6187-01	31.27	1.491	.3454	541.1	.2033-02
88	.10000+00	.50000	342.00	.1011	.1193	.1311	31.29	3.162	.3450	540.3	.4308-02
88	.20000	.10000+00	343.00	.7950-01	.9388-01	.1032	31.20	2.480	.3469	543.3	.3391-02
88	.20000	.20000	344.00	.3648-01	.4307-01	.4735-01	31.23	1.139	.3462	542.3	.1556-02
88	.20000	.40000	345.00	.3879-01	.4579-01	.5033-01	31.27	1.213	.3454	541.0	.1654-02
88	.30000	.50000-01	348.00	.1223	.1445	.1588	31.17	3.813	.3473	544.0	.5217-02
88	.30000	.20000	349.00	.3647-01	.4305-01	.4732-01	31.24	1.139	.3461	542.1	.1555-02
88	.30000	.40000	350.00	.1698-01	.2004-01	.2202-01	31.29	.5312	.3450	540.4	.7237-03
88	.30000	.50000	351.00	.2462-01	.2905-01	.3193-01	31.29	.7702	.3450	540.4	.1049-02
88	.30000	.90000	352.00	.2146-01	.2532-01	.2782-01	31.36	.6729	.3436	538.3	.9146-03
88	.40000	.20000	354.00	.3730-01	.4403-01	.4839-01	31.26	1.166	.3455	541.2	.1590-02
88	.40000	.50000	356.00	.1373-01	.1620-01	.1780-01	31.34	.4302	.3440	538.9	.5851-03
88	.40000	.70000	357.00	.8559-02	.1010-01	.1109-01	31.39	.2686	.3430	537.3	.3647-03
88	.40000	.90000	358.00	.8662-02	.1022-01	.1123-01	31.36	.2717	.3435	538.1	.3691-03
88	.50000	.50000-01	359.00	.1534	.1811	.1991	31.25	4.795	.3458	541.7	.6543-02
88	.50000	.70000	360.00	.1011-01	.1193-01	.1310-01	31.40	.3175	.3428	537.0	.4309-03
88	.50000	.90000	361.00	.7257-02	.8561-02	.9406-02	31.36	.2276	.3436	538.2	.3093-03
88	.60000	.50000-01	362.00	.1781	.2102	.2310	31.29	5.572	.3450	540.4	.7592-02
88	.60000	.10000+00	363.00	.1077	.1271	.1397	31.29	3.370	.3449	540.3	.4591-02
88	.60000	.20000	364.00	.4861-01	.5736-01	.6303-01	31.33	1.523	.3443	539.2	.2072-02

OH105B 60-0 VERTICAL TAIL (R3RT25)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
88	.60000	.40000	365.00	.3182-01	.3753-01	.4124-01	31.38	.9984	.3432	537.6	.1356-02
88	.60000	.50000	366.00	.2636-01	.3109-01	.3415-01	31.40	.8276	.3428	537.0	.1123-02
88	.60000	.70000	367.00	.1258-01	.1484-01	.1630-01	31.39	.3949	.3430	537.2	.5361-03
88	.70000	.50000-01	369.00	.2093	.2470	.2714	31.31	6.553	.3445	539.6	.8921-02
88	.70000	.70000	370.00	.1258-01	.1484-01	.1630-01	31.37	.3946	.3433	537.8	.5361-03
88	.70000	.90000	371.00	.8824-02	.1041-01	.1144-01	31.34	.2766	.3439	538.7	.3761-03
88	.80000	.10000+00	373.00	.1550	.1829	.2010	31.32	4.854	.3444	539.5	.6607-02
88	.80000	.40000	374.00	.4189-01	.4942-01	.5430-01	31.34	1.313	.3439	538.6	.1785-02
88	.80000	.50000	375.00	.3148-01	.3713-01	.4080-01	31.35	.9868	.3437	538.4	.1341-02
88	.80000	.70000	376.00	.1519-01	.1792-01	.1969-01	31.33	.4760	.3441	539.0	.6474-03
88	.80000	.90000	377.00	.1032-01	.1218-01	.1338-01	31.33	.3233	.3442	539.1	.4399-03
88	.90000	.10000+00	378.00	.9540-01	.1126	.1237	31.31	2.987	.3446	539.8	.4066-02
88	.90000	.30000	379.00	.5249-01	.6195-01	.6808-01	31.30	1.643	.3447	540.0	.2238-02
88	.90000	.70000	381.00	.1116-01	.1317-01	.1447-01	31.34	.3498	.3439	538.7	.4756-03
88	.90000	.90000	382.00	.9409-02	.1110-01	.1220-01	31.32	.2947	.3444	539.5	.4011-03
88	.95000	.30000	383.00	.5776-01	.6822-01	.7502-01	31.13	1.798	.3482	545.4	.2464-02
88	.95000	.50000	384.00	.4129-01	.4876-01	.5360-01	31.20	1.288	.3467	543.1	.1761-02
88	.95000	.90000	385.00	.1603-01	.1893-01	.2081-01	31.19	.5000	.3471	543.6	.6838-03

OH105B 60-0 VERTICAL TAIL (R3RT26)

VERT TAIL

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
87	.0000	.0000	7.300	1.990	469.7	1506.	371.0	.8431-01	132.6	.5335-04	4121.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
87	.0000	.1794

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
87	.10000+00	.10000+00	340.00	.9114-01	.1081	.1192	42.43	3.867	.3619	559.6	.2739-02
87	.10000+00	.30000	341.00	.9272-01	.1099	.1211	42.54	3.944	.3603	557.0	.2785-02
87	.10000+00	.50000	342.00	.9549-01	.1131	.1247	42.61	4.069	.3593	555.5	.2868-02
87	.20000	.10000+00	343.00	.7792-01	.9241-01	.1019	42.40	3.304	.3623	560.2	.2342-02
87	.20000	.20000	344.00	.2675-01	.3171-01	.3496-01	42.48	1.136	.3612	558.5	.8038-03
87	.20000	.40000	345.00	.9270-01	.1099	.1211	42.59	3.948	.3596	556.0	.2785-02
87	.30000	.50000-01	348.00	.1184	.1404	.1548	42.39	5.018	.3625	560.5	.3559-02
87	.30000	.20000	349.00	.2377-01	.2817-01	.3105-01	42.54	1.011	.3603	557.1	.7140-03
87	.30000	.40000	350.00	.3752-01	.4445-01	.4898-01	42.63	1.600	.3590	555.0	.1127-02
87	.30000	.50000	351.00	.7532-01	.8923-01	.9830-01	42.67	3.214	.3585	554.2	.2262-02
87	.30000	.90000	352.00	.2146-01	.2540-01	.2797-01	42.86	.9196	.3557	550.0	.6439-03
87	.40000	.20000	354.00	.2497-01	.2959-01	.3260-01	42.61	1.064	.3594	555.6	.7500-03
87	.40000	.50000	356.00	.3618-01	.4283-01	.4717-01	42.82	1.549	.3563	550.9	.1086-02
87	.40000	.70000	357.00	.4036-01	.4776-01	.5259-01	42.93	1.733	.3547	548.4	.1211-02
87	.40000	.90000	358.00	.3334-01	.3946-01	.4345-01	42.87	1.429	.3556	549.8	.1001-02
87	.50000	.50000-01	359.00	.1474	.1746	.1924	42.59	6.277	.3595	555.9	.4426-02
87	.50000	.70000	360.00	.1595-01	.1888-01	.2078-01	42.97	.6855	.3542	547.6	.4787-03
87	.50000	.90000	361.00	.1677-01	.1985-01	.2186-01	42.88	.7191	.3554	549.5	.5033-03
87	.60000	.50000-01	362.00	.1709	.2025	.2230	42.68	7.293	.3583	554.1	.5132-02
87	.60000	.10000+00	363.00	.1027	.1216	.1340	42.71	4.386	.3578	553.2	.3083-02
87	.60000	.20000	364.00	.4580-01	.5423-01	.5973-01	42.78	1.960	.3568	551.7	.1375-02

OH105B 60-0 VERTICAL TAIL (R3RT26)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
87	.60000	.40000	365.00	.2339-01	.2768-01	.3048-01	42.92	1.004	.3548	548.6	.7019-03
87	.60000	.50000	366.00	.1676-01	.1983-01	.2183-01	42.97	.7202	.3541	547.5	.5029-03
87	.60000	.70000	367.00	.7229-02	.8553-02	.9416-02	42.97	.3106	.3542	547.6	.2169-03
87	.70000	.50000-01	369.00	.1993	.2361	.2600	42.74	8.520	.3574	552.6	.5985-02
87	.70000	.70000	370.00	.1102-01	.1304-01	.1436-01	42.93	.4731	.3547	548.4	.3307-03
87	.70000	.90000	371.00	.5821-02	.6890-02	.7588-02	42.85	.2495	.3558	550.1	.1747-03
87	.80000	.10000+00	373.00	.1478	.1751	.1928	42.77	6.324	.3570	551.9	.4439-02
87	.80000	.40000	374.00	.4070-01	.4817-01	.5304-01	42.87	1.745	.3555	549.7	.1221-02
87	.80000	.50000	375.00	.3084-01	.3650-01	.4019-01	42.91	1.323	.3550	548.9	.9256-03
87	.80000	.70000	376.00	.1381-01	.1634-01	.1799-01	42.87	.5920	.3555	549.6	.4143-03
87	.80000	.90000	377.00	.8785-02	.1040-01	.1145-01	42.83	.3763	.3561	550.6	.2637-03
87	.90000	.10000+00	378.00	.9332-01	.1106	.1219	42.80	3.976	.3594	555.7	.2803-02
87	.90000	.30000	379.00	.5721-01	.6774-01	.7460-01	42.80	2.449	.3566	551.3	.1717-02
87	.90000	.70000	381.00	.1163-01	.1376-01	.1516-01	42.83	.4979	.3562	550.7	.3490-03
87	.90000	.90000	382.00	.9532-02	.1129-01	.1243-01	42.77	.4077	.3570	552.0	.2862-03
87	.95000	.30000	383.00	.6252-01	.7402-01	.8152-01	42.82	2.677	.3563	550.9	.1877-02
87	.95000	.50000	384.00	.4178-01	.4945-01	.5445-01	42.89	1.792	.3553	549.4	.1254-02
87	.95000	.90000	385.00	.1441-01	.1707-01	.1880-01	42.80	.6170	.3565	551.2	.4327-03

VERT TAIL

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
86	.0000	.0000	7.300	2.945	699.5	1511.	372.5	.1255	133.2	.7909-04	4129.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
86	.0000	.2189

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
86	.10000+00	.10000+00	340.00	.8968-01	.1062	.1169	52.44	4.703	.3565	553.4	.2212-02
86	.10000+00	.30000	341.00	.1009	.1194	.1315	52.58	5.306	.3549	551.0	.2488-02
86	.10000+00	.50000	342.00	.9343-01	.1105	.1217	52.66	4.920	.3540	549.5	.2303-02
86	.20000	.10000+00	343.00	.7614-01	.9019-01	.9935-01	52.34	3.985	.3578	555.4	.1878-02
86	.20000	.20000	344.00	.2610-01	.3090-01	.3404-01	52.44	1.369	.3565	553.4	.6437-03
86	.20000	.40000	345.00	.9871-01	.1168	.1286	52.57	5.189	.3551	551.2	.2433-02
86	.30000	.50000-01	348.00	.1129	.1338	.1474	52.26	5.902	.3587	556.9	.2787-02
86	.30000	.20000	349.00	.2417-01	.2861-01	.3151-01	52.45	1.268	.3565	553.3	.5960-03
86	.30000	.40000	350.00	.4526-01	.5357-01	.5898-01	52.57	2.380	3550	551.1	.1116-02
86	.30000	.50000	351.00	.9020-01	.1067	.1175	52.61	4.745	.3546	550.5	.2223-02
86	.30000	.90000	352.00	.1991-01	.2355-01	.2592-01	52.75	1.051	.3529	547.8	.4907-03
86	.40000	.20000	354.00	.2360-01	.2793-01	.3076-01	52.51	1.239	.3557	552.2	.5818-03
86	.40000	.50000	356.00	.4250-01	.5027-01	.5533-01	52.72	2.241	.3533	548.4	.1047-02
86	.40000	.70000	357.00	.5149-01	.6089-01	.6700-01	52.83	2.720	.3520	546.5	.1269-02
86	.40000	.90000	358.00	.3393-01	.4013-01	.4417-01	52.73	1.789	.3531	548.2	.8361-03
86	.50000	.50000-01	359.00	.1411	.1671	.1840	52.42	7.397	.3569	554.0	.3480-02
86	.50000	.70000	360.00	.2295-01	.2714-01	.2986-01	52.85	1.213	.3518	546.0	.5654-03
86	.50000	.90000	361.00	.2646-01	.3130-01	.3445-01	52.72	1.395	.3533	548.4	.6520-03
86	.60000	.50000-01	362.00	.1638	.1939	.2135	52.49	8.598	.3560	552.6	.4039-02
86	.60000	.10000+00	363.00	.9974-01	.1181	.1309	52.53	5.239	.3555	551.8	.2459-02
86	.60000	.20000	364.00	.4315-01	.5106-01	.5621-01	52.63	2.271	.3544	550.1	.1064-02

OH105B 60-0 VERTICAL TAIL (R3RT27)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
86	.60000	.40000	365.00	.1837-01	.2173-01	.2391-01	52.79	.9697	.3525	547.2	.4526-03
86	.60000	.50000	366.00	.1267-01	.1498-01	.1648-01	52.85	.6693	.3518	546.1	.3120-03
86	.60000	.70000	367.00	.7349-02	.8690-02	.9563-02	52.82	.3882	.3521	546.5	.1811-03
86	.70000	.50000-01	369.00	.1900	.2249	.2477	52.55	9.986	.3553	551.6	.4685-02
86	.70000	.70000	370.00	.9664-02	.1143-01	.1258-01	52.76	.5098	.3529	547.8	.2381-03
86	.70000	.90000	371.00	.4325-02	.5117-02	.5633-02	52.64	.2277	.3542	549.8	.1066-03
86	.80000	.10000+00	373.00	.1428	.1691	.1862	52.55	7.507	.3553	551.5	.3522-02
86	.80000	.40000	374.00	.3794-01	.4489-01	.4941-01	52.68	1.999	.3538	549.2	.9351-03
86	.80000	.50000	375.00	.2876-01	.3402-01	.3745-01	52.72	1.516	.3533	548.4	.7088-03
86	.80000	.70000	376.00	.1214-01	.1436-01	.1581-01	52.67	.6394	.3539	549.3	.2992-03
86	.80000	.90000	377.00	.6775-02	.8017-02	.8826-02	52.61	.3564	.3546	550.4	.1670-03
86	.90000	.10000+00	378.00	.8890-01	.1052	.1158	52.57	4.674	.3550	551.1	.2192-02
86	.90000	.30000	379.00	.4861-01	.5752-01	.6333-01	52.61	2.557	.3546	550.5	.1198-02
86	.90000	.70000	381.00	.1151-01	.1363-01	.1500-01	52.60	.6056	.3547	550.7	.2838-03
86	.90000	.90000	382.00	.8127-02	.9621-02	.1059-01	52.59	.4267	.3559	552.4	.2004-03
86	.95000	.30000	383.00	.5818-01	.6886-01	.7582-01	52.55	3.057	.3553	551.6	.1434-02
86	.95000	.50000	384.00	.4110-01	.4863-01	.5353-01	52.66	2.164	.3540	549.6	.1013-02
86	.95000	.90000	385.00	.1246-01	.1475-01	.1624-01	52.52	.6544	.3557	552.1	.3072-03

OH105B 60-0 VERTICAL TAIL (R3RT28)

VERT TAIL

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
85	.0000	.0000	7.300	3.704	863.8	1495.	368.2	.1552	131.6	.9893-04	4105.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
85	.0000	.2432

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
85	.10000+00	.10000+00	340.00	.1102	.1308	.1443	56.88	6.270	.3642	558.8	.2433-02
85	.10000+00	.30000	341.00	.1080	.1281	.1412	57.05	6.163	.3623	555.9	.2383-02
85	.10000+00	.50000	342.00	.9865-01	.1170	.1289	57.15	5.638	.3613	554.3	.2176-02
85	.20000	.10000+00	343.00	.8013-01	.9511-01	.1049	56.82	4.553	.3649	559.8	.1769-02
85	.20000	.20000	344.00	.2735-01	.3245-01	.3579-01	56.94	1.557	.3635	557.8	.6036-03
85	.20000	.40000	345.00	.1022	.1212	.1336	57.09	5.836	.3619	555.3	.2255-02
85	.30000	.50000-01	348.00	.1140	.1354	.1493	56.78	6.474	.3653	560.5	.2517-02
85	.30000	.20000	349.00	.2558-01	.3034-01	.3346-01	57.01	1.459	.3627	556.6	.5644-03
85	.30000	.40000	350.00	.4872-01	.5776-01	.6367-01	57.15	2.784	.3613	554.3	.1074-02
85	.30000	.50000	351.00	.9727-01	.1153	.1271	57.20	5.564	.3608	553.6	.2145-02
85	.30000	.90000	352.00	.2045-01	.2422-01	.2668-01	57.42	1.174	.3583	549.8	.4506-03
85	.40000	.20000	354.00	.2557-01	.3031-01	.3342-01	57.11	1.460	.3617	555.1	.5639-03
85	.40000	.50000	356.00	.5320-01	.6303-01	.6944-01	57.37	3.052	.3589	550.8	.1173-02
85	.40000	.70000	357.00	.5245-01	.6211-01	.6841-01	57.53	3.017	.3572	548.1	.1156-02
85	.40000	.90000	358.00	.3549-01	.4204-01	.4632-01	57.42	2.038	.3584	549.9	.7821-03
85	.50000	.50000-01	359.00	.1437	.1705	.1879	57.04	8.198	.3624	556.1	.3170-02
85	.50000	.70000	360.00	.2499-01	.2958-01	.3258-01	57.58	1.439	.3567	547.3	.5505-03
85	.50000	.90000	361.00	.2801-01	.3318-01	.3656-01	57.44	1.609	.3581	549.5	.6174-03
85	.60000	.50000-01	362.00	.1657	.1965	.2166	57.15	9.470	.3613	554.4	.3655-02
85	.60000	.10000+00	363.00	.1012	.1200	.1322	57.21	5.790	.3607	553.4	.2232-02
85	.60000	.20000	364.00	.4357-01	.5163-01	.5690-01	57.32	2.498	.3594	551.5	.9606-03

OH105B 60-0 VERTICAL TAIL (R3RT28)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
85	.60000	.40000	365.00	.1938-01	.2295-01	.2528-01	57.52	1.115	.3573	548.2	.4271-03
85	.60000	.50000	366.00	.1281-01	.1517-01	.1671-01	57.60	.7380	.3564	546.9	.2823-03
85	.60000	.70000	367.00	.7372-02	.8729-02	.9614-02	57.58	.4245	.3566	547.2	.1624-03
85	.70000	.50000-01	369.00	.1925	.2282	.2515	57.24	11.02	.3603	552.9	.4245-02
85	.70000	.70000	370.00	.9586-02	.1135-01	.1250-01	57.53	.5515	.3572	548.1	.2112-03
85	.70000	.90000	371.00	.3761-02	.4456-02	.4909-02	57.41	.2159	.3585	550.0	.8290-04
85	.80000	.10000+00	373.00	.1443	.1711	.1885	57.28	8.268	.3598	552.1	.3182-02
85	.80000	.40000	374.00	.3918-01	.4641-01	.5113-01	57.45	2.251	.3580	549.3	.8635-03
85	.80000	.50000	375.00	.2967-01	.3514-01	.3871-01	57.51	1.707	.3574	548.4	.6539-03
85	.80000	.70000	376.00	.1248-01	.1479-01	.1629-01	57.46	.7173	.3580	549.3	.2751-03
85	.80000	.90000	377.00	.5812-02	.6886-02	.7587-02	57.38	.3335	.3588	550.6	.1281-03
85	.90000	.10000+00	378.00	.8962-01	.1063	.1172	57.11	5.118	.3617	555.0	.1977-02
85	.90000	.30000	379.00	.5470-01	.6482-01	.7142-01	57.35	3.137	.3592	551.1	.1206-02
85	.90000	.70000	381.00	.1054-01	.1249-01	.1376-01	57.41	.6053	.3585	550.1	.2324-03
85	.90000	.90000	382.00	.6962-02	.8251-02	.9092-02	57.29	.3989	.3597	552.0	.1535-03
85	.95000	.30000	383.00	.5885-01	.6973-01	.7683-01	57.36	3.375	.3591	550.9	.1297-02
85	.95000	.50000	384.00	.4251-01	.5035-01	.5546-01	57.50	2.444	.3576	548.6	.9367-03
85	.95000	.90000	385.00	.1187-01	.1407-01	.1550-01	57.33	.6807	.3593	551.4	.2617-03

OH105B 60-0 VERTICAL TAIL (R3RT29)

VERT TAIL

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
89	10.00	.0000	7.300	.9940	236.4	1513.	372.8	.4241-01	133.3	.2671-04	4130.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
89	.0000	.1273

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
89	.10000+00	.10000+00	340.00	.3557-01	.4207-01	.4630-01	30.69	1.092	.3529	548.3	.1508-02
89	.10000+00	.30000	341.00	.1174-01	.1388-01	.1527-01	30.74	.3608	.3519	546.7	.4976-03
89	.10000+00	.50000	342.00	.9633-02	.1139-01	.1253-01	30.76	.2964	.3515	546.0	.4084-03
89	.20000	.10000+00	343.00	.4122-01	.4876-01	.5367-01	30.67	1.264	.3534	549.1	.1748-02
89	.20000	.20000	344.00	.2335-01	.2762-01	.3040-01	30.70	.7169	.3528	548.1	.9902-03
89	.20000	.40000	345.00	.1771-01	.2098-01	.2312-01	30.43	.5391	.3581	556.4	.7521-03
89	.30000	.50000-01	348.00	.9907-01	.1172	.1290	30.65	3.037	.3538	549.6	.4202-02
89	.30000	.20000	349.00	.3402-01	.4023-01	.4428-01	30.71	1.045	.3525	547.6	.1443-02
89	.30000	.40000	350.00	.2528-01	.2988-01	.3288-01	30.78	.7782	.3511	545.4	.1071-02
89	.30000	.50000	351.00	.2455-01	.2902-01	.3193-01	30.78	.7556	.3512	545.6	.1041-02
89	.30000	.90000	352.00	.5658-02	.6686-02	.7354-02	30.86	.1746	.3496	543.1	.2398-03
89	.40000	.20000	354.00	.3555-01	.4204-01	.4626-01	30.74	1.093	.3519	546.7	.1507-02
89	.40000	.50000	356.00	.2369-01	.2800-01	.3080-01	30.83	.7304	.3501	543.9	.1004-02
89	.40000	.70000	357.00	.1135-01	.1341-01	.1475-01	30.88	.3505	.3491	542.4	.4809-03
89	.40000	.90000	358.00	.7268-02	.8588-02	.9447-02	30.86	.2243	.3496	543.1	.3080-03
89	.50000	.50000-01	359.00	.1405	.1661	.1828	30.73	4.317	.3522	547.2	.5957-02
89	.50000	.70000	360.00	.1053-01	.1244-01	.1368-01	30.90	.3254	.3488	541.9	.4462-03
89	.50000	.90000	361.00	.8492-02	.1003-01	.1104-01	30.86	.2620	.3496	543.1	.3598-03
89	.60000	.50000-01	362.00	.1410	.1667	.1835	30.77	4.339	.3514	546.0	.5978-02
89	.60000	.10000+00	363.00	.8423-01	.9958-01	.1096	30.78	2.593	.3511	545.5	.3571-02
89	.60000	.20000	364.00	.3958-01	.4678-01	.5146-01	30.81	1.219	.3506	544.6	.1677-02

OH105B 60-0 VERTICAL TAIL (R3RT29)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
89	.60000	.40000	365.00	.2754-01	.3255-01	.3580-01	30.87	.8502	.3494	542.8	.1167-02
89	.60000	.50000	366.00	.2283-01	.2697-01	.2966-01	30.89	.7051	.3490	542.2	.9672-03
89	.60000	.70000	367.00	.1077-01	.1273-01	.1400-01	30.88	.3327	.3491	542.4	.4565-03
89	.70000	.50000-01	369.00	.1478	.1747	.1922	30.79	4.552	.3509	545.2	.6265-02
89	.70000	.70000	370.00	.1122-01	.1326-01	.1459-01	30.86	.3463	.3496	543.1	.4756-03
89	.70000	.90000	371.00	.7940-02	.9384-02	.1032-01	30.82	.2447	.3504	544.3	.3365-03
89	.80000	.10000+00	373.00	.1037	.1225	.1348	30.79	3.192	.3509	545.1	.4394-02
89	.80000	.40000	374.00	.2747-01	.3247-01	.3571-01	30.83	.8469	.3501	544.0	.1164-02
89	.80000	.50000	375.00	.2115-01	.2499-01	.2749-01	30.84	.6522	.3499	543.7	.8963-03
89	.80000	.70000	376.00	.1150-01	.1359-01	.1495-01	30.83	.3543	.3503	544.1	.4872-03
89	.80000	.90000	377.00	.9361-02	.1106-01	.1217-01	30.81	.2884	.3506	544.7	.3967-03
89	.90000	.10000+00	378.00	.6252-01	.7392-01	.8133-01	30.76	1.923	.3516	546.2	.2650-02
89	.90000	.30000	379.00	.3351-01	.3961-01	.4357-01	30.82	1.033	.3503	544.2	.1420-02
89	.90000	.70000	381.00	.1102-01	.1303-01	.1433-01	30.79	.3393	.3510	545.3	.4671-03
89	.90000	.90000	382.00	.9546-02	.1129-01	.1242-01	30.77	.2937	.3514	545.9	.4047-03
89	.95000	.30000	383.00	.3436-01	.4063-01	.4470-01	30.74	1.056	.3520	546.9	.1457-02
89	.95000	.50000	384.00	.2561-01	.3028-01	.3331-01	30.82	.7894	.3504	544.4	.1086-02
89	.95000	.90000	385.00	.1033-01	.1221-01	.1344-01	30.78	.3180	.3511	545.4	.4379-03

VERT TAIL

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
90	10.00	.0000	7.300	1.978	465.2	1503.	370.1	.8351-01	132.3	.5296-04	4116.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
90	.0000	.1785

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
90	.10000+00	.10000+00	340.00	.3496-01	.4141-01	.4561-01	42.43	1.483	.3575	551.4	.1053-02
90	.10000+00	.30000	341.00	.1775-01	.2101-01	.2314-01	42.52	.7547	.3561	549.4	.5345-03
90	.10000+00	.50000	342.00	.1924-01	.2277-01	.2507-01	42.57	.8189	.3555	548.3	.5793-03
90	.20000	.10000+00	343.00	.5001-01	.5923-01	.6525-01	42.40	2.121	.3578	552.0	.1507-02
90	.20000	.20000	344.00	.2677-01	.3170-01	.3491-01	42.46	1.137	.3570	550.7	.8063-03
90	.20000	.40000	345.00	.2258-01	.2678-01	.2953-01	42.11	.9511	.3621	558.5	.6811-03
90	.30000	.50000-01	348.00	.1021	.1209	.1332	42.38	4.326	.3583	552.7	.3076-02
90	.30000	.20000	349.00	.3396-01	.4020-01	.4428-01	42.49	1.443	.3566	550.0	.1023-02
90	.30000	.40000	350.00	.2308-01	.2731-01	.3008-01	42.58	.9826	.3553	548.1	.6950-03
90	.30000	.50000	351.00	.2209-01	.2614-01	.2878-01	42.60	.9410	.3550	547.7	.6652-03
90	.30000	.90000	352.00	.5944-02	.7032-02	.7739-02	42.71	.2539	.3533	545.1	.1789-03
90	.40000	.20000	354.00	.3561-01	.4216-01	.4643-01	42.54	1.515	.3559	549.0	.1073-02
90	.40000	.50000	356.00	.2364-01	.2796-01	.3078-01	42.69	1.009	.3537	545.6	.7116-03
90	.40000	.70000	357.00	.1109-01	.1312-01	.1444-01	42.75	.4743	.3528	544.2	.3339-03
90	.40000	.90000	358.00	.7538-02	.8917-02	.9815-02	42.71	.3219	.3534	545.2	.2269-03
90	.50000	.50000-01	359.00	.1337	.1583	.1743	42.50	5.682	.3564	549.9	.4027-02
90	.50000	.70000	360.00	.1016-01	.1201-01	.1322-01	42.77	.4345	.3525	543.7	.3057-03
90	.50000	.90000	361.00	.8208-02	.9710-02	.1069-01	42.71	.3506	.3534	545.2	.2471-03
90	.60000	.50000-01	362.00	.1349	.1597	.1758	42.56	5.741	.3556	548.5	.4063-02
90	.60000	.10000+00	363.00	.8111-01	.9600-01	.1057	42.58	3.453	.3553	548.1	.2442-02
90	.60000	.20000	364.00	.3777-01	.4470-01	.4921-01	42.64	1.611	.3544	546.7	.1137-02

OH105B 60-0 VERTICAL TAIL (R3RT30)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
90	.60000	.40000	365.00	.2546-01	.3011-01	.3314-01	42.73	1.088	.3531	544.6	.7662-03
90	.60000	.50000	366.00	.2167-01	.2563-01	.2820-01	42.78	.9270	.3524	543.7	.6522-03
90	.60000	.70000	367.00	.9785-02	.1157-01	.1274-01	42.76	.4185	.3526	544.0	.2945-03
90	.70000	.50000-01	369.00	.1389	.1644	.1810	42.60	5.917	.3550	547.6	.4182-02
90	.70000	.70000	370.00	.9511-02	.1125-01	.1238-01	42.74	.4065	.3530	544.5	.2863-03
90	.70000	.90000	371.00	.7296-02	.8632-02	.9502-02	42.67	.3114	.3539	546.0	.2197-03
90	.80000	.10000+00	373.00	.9851-01	.1166	.1284	42.61	4.198	.3548	547.3	.2966-02
90	.80000	.40000	374.00	.2539-01	.3004-01	.3306-01	42.69	1.084	.3537	545.6	.7643-03
90	.80000	.50000	375.00	.1899-01	.2246-01	.2472-01	42.72	.8111	.3533	545.0	.5715-03
90	.80000	.70000	376.00	.1079-01	.1276-01	.1405-01	42.69	.4606	.3537	545.7	.3248-03
90	.80000	.90000	377.00	.8008-02	.9475-02	.1043-01	42.66	.3416	.3542	546.3	.2411-03
90	.90000	.10000+00	378.00	.5827-01	.6897-01	.7595-01	42.55	2.479	.3558	548.8	.1755-02
90	.90000	.30000	379.00	.3341-01	.3953-01	.4352-01	42.66	1.425	.3542	546.3	.1006-02
90	.90000	.70000	381.00	.6860-02	.8117-02	.8935-02	42.66	.2927	.3541	546.2	.2065-03
90	.90000	.90000	382.00	.6076-02	.7190-02	.7916-02	42.61	.2589	.3549	547.4	.1829-03
90	.95000	.30000	383.00	.3522-01	.4168-01	.4589-01	42.62	1.501	.3548	547.2	.1060-02
90	.95000	.50000	384.00	.2366-01	.2799-01	.3081-01	42.70	1.010	.3535	545.4	.7121-03
90	.95000	.90000	385.00	.9856-02	.1166-01	.1284-01	42.62	.4201	.3546	547.1	.2968-03

OH105B 60-0 VERTICAL TAIL (R3RT31)

VERT TAIL

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHC SLUGS/ FT3	VINF FT/SEC	SCALE
92	15.00	.0000	7.300	1.012	237.8	1502.	369.9	.4270-01	132.2	.2710-04	4114.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
92	.0000	.1276

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
92	.10000+00	.10000+00	340.00	.4778-01	.5667-01	.6249-01	30.05	1.436	.3629	559.4	.2015-02
92	.10000+00	.30000	341.00	.1429-01	.1694-01	.1868-01	30.10	.4300	.3619	557.9	.6023-03
92	.10000+00	.50000	342.00	.1732-01	.2053-01	.2263-01	30.14	.5220	.3611	556.6	.7300-03
92	.20000	.10000+00	343.00	.4300-01	.5101-01	.5625-01	30.04	1.292	.3631	559.8	.1813-02
92	.20000	.20000	344.00	.2070-01	.2455-01	.2707-01	30.07	.6225	.3625	558.8	.8729-03
92	.20000	.40000	345.00	.6530-02	.7757-02	.8561-02	29.81	.1947	.3677	566.8	.2757-03
92	.30000	.50000-01	348.00	.7843-01	.9304-01	.1026	30.03	2.356	.3632	553.9	.3308-02
92	.30000	.20000	349.00	.2647-01	.3139-01	.3460-01	30.10	.7968	.3619	557.8	.1116-02
92	.30000	.40000	350.00	.1216-01	.1441-01	.1589-01	30.16	.3666	.3607	556.1	.5124-03
92	.30000	.50000	351.00	.9252-02	.1097-01	.1209-01	30.18	.2792	.3604	555.5	.3899-03
92	.30000	.90000	352.00	.1445-02	.1712-02	.1887-02	30.27	.4375-01	.3584	552.5	.6089-04
92	.40000	.20000	354.00	.3104-01	.3679-01	.4056-01	30.13	.9352	.3612	556.8	.1308-02
92	.40000	.50000	356.00	.1579-01	.1871-01	.2062-01	30.24	.4776	.3590	553.5	.6654-03
92	.40000	.70000	357.00	.6853-02	.8117-02	.8942-02	30.29	.2076	.3579	551.8	.2887-03
92	.40000	.90000	358.00	.3710-02	.4396-02	.4843-02	30.27	.1123	.3584	552.5	.1563-03
92	.50000	.50000-01	359.00	.1006	.1193	.1315	30.14	3.032	.3611	556.7	.4240-02
92	.50000	.70000	360.00	.9319-02	.1104-01	.1216-01	30.31	.2824	.3576	551.3	.3925-03
92	.50000	.90000	361.00	.7510-02	.8897-02	.9801-02	30.28	.2274	.3583	552.3	.3164-03
92	.60000	.50000-01	362.00	.1149	.1362	.1501	30.19	3.468	.3601	555.2	.4842-02
92	.60000	.10000+00	363.00	.7234-01	.8574-01	.9449-01	30.19	2.184	.3600	555.0	.3049-02
92	.60000	.20000	364.00	.3775-01	.4473-01	.4929-01	30.23	1.141	.3593	554.0	.1591-02

OH105B 60-0 VERTICAL TAIL (R3RT31)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
92	.60000	.40000	365.00	.2660-01	.3150-01	.3471-01	30.28	.8054	.3582	552.2	.1120-02
92	.60000	.50000	366.00	.2166-01	.2565-01	.2826-01	30.30	.6563	.3578	551.5	.9123-03
92	.60000	.70000	367.00	.9941-02	.1177-01	.1297-01	30.30	.3012	.3578	551.6	.4187-03
92	.70000	.50000-01	369.00	.1235	.1464	.1613	30.22	3.732	.3595	554.1	.5204-02
92	.70000	.70000	370.00	.1082-01	.1282-01	.1412-01	30.28	.3277	.3581	552.1	.4558-03
92	.70000	.90000	371.00	.7463-02	.8841-02	.9741-02	30.25	.2258	.3588	553.1	.3144-03
92	.80000	.10000+00	373.00	.9060-01	.1074	.1183	30.22	2.738	.3593	554.0	.3817-02
92	.80000	.40000	374.00	.2840-01	.3365-01	.3708-01	30.25	.8592	.3588	553.1	.1197-02
92	.80000	.50000	375.00	.2307-01	.2733-01	.3011-01	30.27	.6984	.3584	552.6	.9720-03
92	.80000	.70000	376.00	.1265-01	.1499-01	.1651-01	30.25	.3826	.3588	553.1	.5329-03
92	.80000	.90000	377.00	.9552-02	.1132-01	.1247-01	30.24	.2888	.3591	553.6	.4025-03
92	.90000	.10000+00	378.00	.5387-01	.6387-01	.7040-01	30.14	1.624	.3611	556.7	.2271-02
92	.90000	.30000	379.00	.2956-01	.3503-01	.3859-01	30.23	.8934	.3593	553.9	.1245-02
92	.90000	.70000	381.00	.8596-02	.1018-01	.1122-01	30.24	.2599	.3590	553.4	.3622-03
92	.90000	.90000	382.00	.8381-02	.9932-02	.1094-01	30.22	.2533	.3595	554.2	.3531-03
92	.95000	.30000	383.00	.3259-01	.3863-01	.4257-01	30.19	.9840	.3600	555.0	.1374-02
92	.95000	.50000	384.00	.2454-01	.2907-01	.3202-01	30.27	.7427	.3584	552.5	.1034-02
92	.95000	.90000	385.00	.1187-01	.1406-01	.1549-01	30.24	.3588	.3590	553.4	.4999-03

OH105B 60-0 VERTICAL TAIL (R3RT32)

VERT TAIL

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
91	15.00	.0000	7.300	1.983	465.8	1501.	369.9	.8364-01	132.2	.5308-04	4114.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
91	.0000	.1786

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
91	.10000+00	.10000+00	340.00	.4116-01	.4882-01	.5382-01	42.09	1.733	.3623	558.5	.1240-02
91	.10000+00	.30000	341.00	.1207-01	.1431-01	.1578-01	42.19	.5094	.3610	556.4	.3636-03
91	.10000+00	.50000	342.00	.4139-01	.4906-01	.5407-01	42.24	1.748	.3602	555.3	.1246-02
91	.20000	.10000+00	343.00	.3369-01	.3996-01	.4407-01	42.03	1.416	.3633	559.9	.1015-02
91	.20000	.20000	344.00	.1473-01	.1747-01	.1927-01	42.09	.6202	.3623	558.5	.4439-03
91	.20000	.40000	345.00	.1222-01	.1451-01	.1602-01	41.75	.5101	.3673	566.2	.3685-03
91	.30000	.50000-01	348.00	.6771-01	.8034-01	.8860-01	41.98	2.843	.3639	561.0	.2040-02
91	.30000	.20000	349.00	.3284-01	.3894-01	.4293-01	42.11	1.383	.3621	558.1	.9891-03
91	.30000	.40000	350.00	.2200-01	.2608-01	.2874-01	42.19	.9282	.3608	556.2	.6625-03
91	.30000	.50000	351.00	.1573-01	.1865-01	.2056-01	42.22	.6642	.3605	555.7	.4738-03
91	.30000	.90000	352.00	.2054-02	.2433-02	.2681-02	42.34	.8695-01	.3588	553.0	.6182-04
91	.40000	.20000	354.00	.3033-01	.3597-01	.3965-01	42.16	1.279	.3613	557.0	.9136-03
91	.40000	.50000	356.00	.2508-01	.2972-01	.3275-01	42.32	1.061	.3591	553.5	.7551-03
91	.40000	.70000	357.00	.8683-02	.1028-01	.1133-01	42.40	.3682	.3579	551.6	.2613-03
91	.40000	.90000	358.00	.6613-02	.7835-02	.8632-02	42.34	.2800	.3588	553.1	.1991-03
91	.50000	.50000-01	359.00	.9297-01	.1102	.1215	42.12	3.916	.3619	557.8	.2800-02
91	.50000	.70000	360.00	.1013-01	.1200-01	.1322-01	42.43	.4298	.3574	550.9	.3048-03
91	.50000	.90000	361.00	.8776-02	.1040-01	.1146-01	42.34	.3716	.3588	553.0	.2642-03
91	.60000	.50000-01	362.00	.1050	.1245	.1372	42.18	4.429	.3610	556.5	.3162-02
91	.60000	.10000+00	363.00	.6431-01	.7623-01	.8402-01	42.21	2.714	.3607	556.0	.1937-02
91	.60000	.20000	364.00	.3000-01	.3556-01	.3919-01	42.26	1.268	.3598	554.7	.9034-03

OH105B 60-0 VERTICAL TAIL (R3RT32)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
91	.60000	.40000	365.00	.2045-01	.2422-01	.2669-01	42.38	.8666	.3582	552.1	.6155-03
91	.60000	.50000	366.00	.1843-01	.2182-01	.2404-01	42.42	.7817	.3576	551.2	.5545-03
91	.60000	.70000	367.00	.9232-02	.1093-01	.1205-01	42.41	.3916	.3577	551.4	.2778-03
91	.70000	.50000-01	369.00	.1150	.1363	.1502	42.23	4.856	.3604	555.5	.3463-02
91	.70000	.70000	370.00	.9142-02	.1083-01	.1193-01	42.36	.3873	.3584	552.5	.2751-03
91	.70000	.90000	371.00	.6651-02	.7881-02	.8685-02	42.29	.2812	.3595	554.2	.2002-03
91	.80000	.10000+00	373.00	.8428-01	.9990-01	.1101	42.24	3.560	.3602	555.2	.2538-02
91	.80000	.40000	374.00	.2473-01	.2931-01	.3229-01	42.30	1.046	.3593	553.9	.7446-03
91	.80000	.50000	375.00	.1881-01	.2229-01	.2456-01	42.34	.7965	.3588	553.0	.5662-03
91	.80000	.70000	376.00	.1013-01	.1201-01	.1323-01	42.29	.4286	.3594	554.0	.3051-03
91	.80000	.90000	377.00	.8554-02	.1014-01	.1117-01	42.26	.3615	.3599	554.8	.2576-03
91	.90000	.10000+00	378.00	.4977-01	.5900-01	.6503-01	42.20	2.101	.3607	556.1	.1499-02
91	.90000	.30000	379.00	.3065-01	.3633-01	.4004-01	42.22	1.294	.3605	555.7	.9230-03
91	.90000	.70000	381.00	.9321-02	.1105-01	.1218-01	42.24	.3937	.3602	555.3	.2807-03
91	.90000	.90000	382.00	.8082-02	.9581-02	.1056-01	42.19	.3409	.3610	556.4	.2434-03
91	.95000	.30000	383.00	.3061-01	.3629-01	.4000-01	42.20	1.292	.3608	556.1	.9219-03
91	.95000	.50000	384.00	.2241-01	.2656-01	.2927-01	42.31	.9483	.3592	553.7	.6748-03
91	.95000	.90000	385.00	.9964-02	.1181-01	.1302-01	42.23	.4207	.3604	555.5	.3000-03

OH105B 60-0 VERTICAL TAIL (R3RT33)

VERT TAIL

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
122	20.00	.0000	7.300	1.012	235.5	1493.	367.7	.4230-01	131.5	.2700-04	4103.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
122	.0000	.1270

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
122	.10000+00	.10000+00	340.00	.3644-01	.4311-01	.4745-01	30.17	1.100	.3536	542.0	.1536-02
122	.10000+00	.30000	341.00	.1677-01	.1983-01	.2183-01	30.22	.5069	.3526	540.4	.7066-03
122	.10000+00	.50000	342.00	.1337-01	.1581-01	.1739-01	30.25	.4044	.3520	539.5	.5631-03
122	.20000	.10000+00	343.00	.3286-01	.3888-01	.4280-01	30.14	.9903	.3543	543.1	.1385-02
122	.20000	.20000	344.00	.2415-01	.2857-01	.3145-01	30.18	.7288	.3536	541.9	.1018-02
122	.20000	.40000	345.00	.1216-01	.1438-01	.1582-01	30.22	.3673	.3527	540.6	.5121-03
122	.30000	.50000-01	348.00	.5145-01	.6089-01	.6704-01	30.11	1.549	.3549	544.0	.2169-02
122	.30000	.20000	349.00	.2570-01	.3040-01	.3346-01	30.18	.7756	.3535	541.8	.1083-02
122	.30000	.40000	350.00	.1299-01	.1537-01	.1691-01	30.23	.3928	.3526	540.4	.5475-03
122	.30000	.50000	351.00	.8691-02	.1028-01	.1131-01	30.23	.2627	.3525	540.2	.3661-03
122	.30000	.90000	352.00	.3073-02	.3633-02	.3997-02	30.29	.9306-01	.3513	538.5	.1294-03
122	.40000	.20000	354.00	.2482-01	.2935-01	.3231-01	30.20	.7494	.3532	541.3	.1046-02
122	.40000	.50000	356.00	.9537-02	.1128-01	.1241-01	30.28	.2888	.3514	538.6	.4017-03
122	.40000	.70000	357.00	.2444-02	.2888-02	.3178-02	30.32	.7410-01	.3505	537.3	.1029-03
122	.40000	.90000	358.00	.2255-02	.2666-02	.2933-02	30.28	.6827-01	.3515	538.7	.9497-04
122	.50000	.50000-01	359.00	.5957-01	.7047-01	.7757-01	30.18	1.798	.3535	541.8	.2510-02
122	.50000	.70000	360.00	.3426-02	.4050-02	.4455-02	30.33	.1039	.3504	537.1	.1443-03
122	.50000	.90000	361.00	.2889-02	.3416-02	.3759-02	30.28	.8748-01	.3515	538.8	.1217-03
122	.60000	.50000-01	362.00	.8198-01	.9697-01	.1067	30.20	2.476	.3530	541.1	.3454-02
122	.60000	.10000+00	363.00	.5730-01	.6777-01	.7459-01	30.21	1.731	.3528	540.8	.2414-02
122	.60000	.20000	364.00	.3283-01	.3882-01	.4272-01	30.24	.9928	.3522	539.8	.1383-02

OH105-B MODELS 83-O AND 60-O AT ARC 3.5 FT. TUNNEL

OH105B 60-O VERTICAL TAIL

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
122	.60000	.40000	365.00	.2281-01	.2696-01	.2966-01	30.30	.6911	.3510	537.9	.9605-03
122	.60000	.50000	366.00	.1650-01	.1950-01	.2145-01	30.33	.5002	.3505	537.2	.6946-03
122	.60000	.70000	367.00	.5978-02	.7066-02	.7773-02	30.32	.1813	.3506	537.4	.2517-03
122	.70000	.50000-01	369.00	.1029	.1217	.1340	30.22	3.110	.3527	540.6	.4337-02
122	.70000	.70000	370.00	.1081-01	.1254-01	.1380-01	30.29	.3213	.3512	538.2	.4467-03
122	.70000	.90000	371.00	.7645-02	.9041-02	.9949-02	30.25	.2312	.3522	539.7	.3221-03
122	.80000	.10000+00	373.00	.6346-01	.7506-01	.8261-01	30.22	1.918	.3528	540.7	.2674-02
122	.80000	.40000	374.00	.2590-01	.3063-01	.3371-01	30.25	.7835	.3521	539.7	.1091-02
122	.80000	.50000	375.00	.2130-01	.2518-01	.2771-01	30.26	.6445	.3518	539.2	.8972-03
122	.80000	.70000	376.00	.1240-01	.1466-01	.1613-01	30.25	.3750	.3521	539.7	.5223-03
122	.80000	.90000	377.00	.1044-01	.1234-01	.1358-01	30.24	.3156	.3523	540.0	.4397-03
122	.90000	.10000+00	378.00	.3405-01	.4027-01	.4431-01	30.23	1.029	.3525	540.3	.1434-02
122	.90000	.30000	379.00	.3210-01	.3797-01	.4179-01	30.19	.9691	.3532	541.4	.1352-02
122	.90000	.70000	381.00	.6993-02	.8270-02	.9101-02	30.23	.2114	.3525	540.2	.2946-03
122	.90000	.90000	382.00	.7933-02	.9384-02	.1033-01	30.19	.2395	.3532	541.3	.3343-03
122	.95000	.30000	383.00	.3060-01	.3620-01	.3985-01	30.18	.9236	.3535	541.8	.1290-02
122	.95000	.50000	384.00	.2105-01	.2490-01	.2740-01	30.24	.6367	.3522	539.9	.8869-03
122	.95000	.90000	385.00	.1174-01	.1388-01	.1528-01	30.19	.3543	.3532	541.4	.4945-03

OH105B 60-0 VERTICAL TAIL (R3RT34)

VERT TAIL

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
123	20.00	.0000	7.300	1.986	465.5	1500.	369.3	.8359-01	132.0	.5313-04	4111.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
123	.0000	.1785

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
123	.10000+00	.10000+00	340.00	.3865-01	.4574-01	.5037-01	42.49	1.642	.3554	547.1	.1162-02
123	.10000+00	.30000	341.00	.2529-01	.2992-01	.3294-01	42.58	1.077	.3542	545.2	.7601-03
123	.10000+00	.50000	342.00	.1994-01	.2359-01	.2596-01	42.63	.8500	.3534	544.0	.5992-03
123	.20000	.10000+00	343.00	.3211-01	.3801-01	.4186-01	42.45	1.363	.3560	548.1	.9655-03
123	.20000	.20000	344.00	.1983-01	.2347-01	.2584-01	42.52	.8430	.3551	546.6	.5960-03
123	.20000	.40000	345.00	.1380-01	.1633-01	.1797-01	42.59	.5877	.3541	545.0	.4148-03
123	.30000	.50000-01	348.00	.5659-01	.6700-01	.7379-01	42.42	2.400	.3566	548.8	.1702-02
123	.30000	.20000	349.00	.1946-01	.2303-01	.2536-01	42.52	.8275	.3550	546.5	.5850-03
123	.30000	.40000	350.00	.1666-01	.1970-01	.2169-01	42.60	.7096	.3538	544.6	.5005-03
123	.30000	.50000	351.00	.1238-01	.1465-01	.1612-01	42.61	.5276	.3537	544.4	.3721-03
123	.30000	.90000	352.00	.2824-02	.3340-02	.3676-02	42.67	.1205	.3528	543.1	.8485-04
123	.40000	.20000	354.00	.2066-01	.2445-01	.2691-01	42.55	.8791	.3546	545.8	.6209-03
123	.40000	.50000	356.00	.1030-01	.1218-01	.1341-01	42.68	.4396	.3527	542.9	.3094-03
123	.40000	.70000	357.00	.3154-02	.3729-02	.4104-02	42.73	.1347	.3520	541.9	.9474-04
123	.40000	.90000	358.00	.8358-03	.9885-03	.1088-02	42.66	.3566-01	.3529	543.3	.2511-04
123	.50000	.50000-01	359.00	.6879-01	.8142-01	.8965-01	42.51	2.924	.3552	546.8	.2068-02
123	.50000	.70000	360.00	.3457-02	.4088-02	.4499-02	42.73	.1477	.3519	541.7	.1039-03
123	.50000	.90000	361.00	.3205-02	.3791-02	.4172-02	42.66	.1367	.3530	543.3	.9630-04
123	.60000	.50000-01	362.00	.8648-01	.1023	.1127	42.55	3.680	.3546	545.9	.2599-02
123	.60000	.10000+00	363.00	.4908-01	.5808-01	.6393-01	42.57	2.090	.3543	545.3	.1475-02
123	.60000	.20000	364.00	.2947-01	.3486-01	.3837-01	42.62	1.256	.3535	544.2	.8855-03

OH105B 60-0 VERTICAL TAIL (R3RT34)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
123	.60000	.40000	365.00	.2826-01	.3342-01	.3678-01	42.71	1.207	.3523	542.3	.8490-03
123	.60000	.50000	366.00	.2075-01	.2453-01	.2699-01	42.74	.8867	.3518	541.5	.6232-03
123	.60000	.70000	367.00	.7123-02	.8423-02	.9269-02	42.72	.3043	.3521	541.9	.2140-03
123	.70000	.50000-01	369.00	.9458-01	.1119	.1232	42.58	4.027	.3542	545.2	.2843-02
123	.70000	.70000	370.00	.1139-01	.1348-01	.1483-01	42.69	.4864	.3525	542.7	.3423-03
123	.70000	.90000	371.00	.9276-02	.1097-01	.1208-01	42.62	.3953	.3536	544.3	.2787-03
123	.80000	.10000+00	373.00	.6103-01	.7221-01	.7950-01	42.57	2.598	.3543	545.3	.1834-02
123	.80000	.40000	374.00	.2130-01	.2519-01	.2773-01	42.64	.9080	.3533	543.9	.6399-03
123	.80000	.50000	375.00	.1983-01	.2345-01	.2581-01	42.66	.8458	.3530	543.4	.5957-03
123	.80000	.70000	376.00	.1188-01	.1405-01	.1547-01	42.63	.5065	.3534	544.0	.3570-03
123	.80000	.90000	377.00	.1027-01	.1214-01	.1337-01	42.61	.4374	.3538	544.6	.3085-03
123	.90000	.10000+00	378.00	.3253-01	.3849-01	.4237-01	42.57	1.385	.3543	545.4	.9777-03
123	.90000	.30000	379.00	.1938-01	.2293-01	.2524-01	42.61	.8260	.3537	544.4	.5825-03
123	.90000	.70000	381.00	.7200-02	.8520-02	.9380-02	42.56	.3065	.3544	545.5	.2164-03
123	.90000	.90000	382.00	.7575-02	.8965-02	.9871-02	42.50	.3220	.3553	546.9	.2277-03
123	.95000	.30000	383.00	.2512-01	.2972-01	.3272-01	42.57	1.069	.3542	545.3	.7549-03
123	.95000	.50000	384.00	.1788-01	.2116-01	.2329-01	42.61	.7620	.3537	544.5	.5374-03
123	.95000	.90000	385.00	.1053-01	.1247-01	.1373-01	42.51	.4478	.3552	546.7	.3166-03

OH105B 60-0 VERTICAL TAIL (R3RT35)

VERT TAIL

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
93	.0000	.0000	7.300	.9838	236.4	1521.	375.1	.4238-01	134.1	.2652-04	4143.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
93	.0000	.1273

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
93	.10000+00	.10000+00	340.00	.9594-01	.1136	.1251	30.68	2.943	.3571	558.3	.4089-02
93	.10000+00	.30000	341.00	.4845-01	.5736-01	.6317-01	30.73	1.489	.3562	556.8	.2064-02
93	.10000+00	.50000	342.00	.1035	.1225	.1348	30.76	3.182	.3555	555.8	.4408-02
93	.20000	.10000+00	343.00	.8132-01	.9632-01	.1061	30.64	2.492	.3579	559.5	.3466-02
93	.20000	.20000	344.00	.3689-01	.4369-01	.4812-01	30.68	1.132	.3572	558.4	.1572-02
93	.20000	.40000	345.00	.3800-01	.4507-01	.4969-01	30.42	1.156	.3624	566.6	.1621-02
93	.30000	.50000-01	348.00	.1245	.1475	.1625	30.62	3.814	.3582	560.0	.5308-02
93	.30000	.20000	349.00	.3676-01	.4353-01	.4794-01	30.69	1.128	.3569	558.0	.1566-02
93	.30000	.40000	350.00	.1325-01	.1568-01	.1727-01	30.74	.4071	.3559	556.5	.5643-03
93	.30000	.50000	351.00	.1298-01	.1536-01	.1692-01	30.75	.3991	.3556	556.0	.5529-03
93	.30000	.90000	352.00	.1557	.1843	.2029	30.80	4.796	.3548	554.6	.6633-02
93	.40000	.20000	354.00	.3181-01	.3766-01	.4147-01	30.72	.9772	.3563	557.0	.1355-02
93	.40000	.50000	356.00	.6911-02	.8177-02	.9002-02	30 82	.2130	.3542	553.8	.2943-03
93	.40000	.70000	357.00	.4719-01	.5583-01	.6146-01	30.84	1.456	.3539	553.2	.2010-02
93	.40000	.90000	358.00	.1174	.1390	.1530	30.80	3.618	.3546	554.4	.5002-02
93	.50000	.50000-01	359.00	.1575	.1864	.2053	30.72	4.837	.3564	557.2	.6709-02
93	.50000	.70000	360.00	.4241-01	.5017-01	.5523-01	30.85	1.308	.3537	553.0	.1806-02
93	.50000	.90000	361.00	.9041-01	.1070	.1178	30.82	2.786	.3543	554.0	.3850-02
93	.60000	.50000-01	362.00	.1807	.2139	.2356	30.75	5.557	.3557	556.1	.7699-02
93	.60000	.10000+00	363.00	.1065	.1260	.1388	30.76	3.276	.3554	555.7	.4536-02
93	.60000	.20000	364.00	.2972-01	.3518-01	.3873-01	30.79	.9152	.3549	554.9	.1266-02

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105B 60-0 VERTICAL TAIL

(R3RT35)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
93	.60000	.40000	365.00	.1334-01	.1578-01	.1737-01	30.86	.4117	.3535	552.6	.5681-03
93	.60000	.50000	366.00	.1609-01	.1903-01	.2095-01	30.89	.4970	.3529	551.7	.6850-03
93	.60000	.70000	367.00	.4196-01	.4964-01	.5464-01	30.86	1.295	.3535	552.7	.1787-02
93	.70000	.50000-01	369.00	.2095	.2480	.2730	30.77	6.447	.3552	555.3	.8924-02
93	.70000	.70000	370.00	.3822-01	.4521-01	.4977-01	30.85	1.179	.3537	552.9	.1627-02
93	.70000	.90000	371.00	.1026	.1214	.1336	30.81	3.160	.3544	554.1	.4368-02
93	.80000	.10000+00	373.00	.1488	.1761	.1939	30.77	4.578	.3553	555.5	.6337-02
93	.80000	.40000	374.00	.1635-01	.1935-01	.2130-01	30.81	.5037	.3545	554.2	.6963-03
93	.80000	.50000	375.00	.1621-01	.1917-01	.2111-01	30.84	.4998	.3539	553.3	.6902-03
93	.80000	.70000	376.00	.3727-01	.4410-01	.4854-01	30.83	1.149	.3541	553.6	.1587-02
93	.80000	.90000	377.00	.1094	.1294	.1425	30.81	3.370	.3546	554.3	.4659-02
93	.90000	.10000+00	378.00	.9427-01	.1116	.1229	30.74	2.898	.3558	556.3	.4016-02
93	.90000	.30000	379.00	.1817-01	.2150-01	.2367-01	30.81	.5597	.3545	554.3	.7738-03
93	.90000	.70000	381.00	.1957-01	.2316-01	.2550-01	30.79	.6025	.3549	554.8	.8335-03
93	.90000	.90000	382.00	.3111-01	.3682-01	.4054-01	30.76	.9569	.3555	555.7	.1325-02
93	.95000	.30000	383.00	.3534-01	.4182-01	.4605-01	30.80	1.089	.3546	554.4	.1505-02
93	.95000	.50000	384.00	.1696-01	.2006-01	.2209-01	30.84	.5229	.3540	553.4	.7221-03
93	.95000	.90000	385.00	.9592-02	.1135-01	.1250-01	30.79	.2953	.3549	554.8	.4085-03

OH105B 60-0 VERTICAL TAIL (R3RT36)

VERT TAIL

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
94	.0000	.0000	7.300	1.972	467.1	1509.	371.8	.8381-01	132.9	.5292-04	4125.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
94	.0000	.1789

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
94	.10000+00	.10000+00	340.00	.8998-01	.1066	.1175	42.61	3.834	.3589	556.0	.2714-02
94	.10000+00	.30000	341.00	.8594-01	.1018	.1121	42.73	3.672	.3572	553.5	.2591-02
94	.10000+00	.50000	342.00	.9238-01	.1094	.1204	42.81	3.955	.3560	551.6	.2784-02
94	.20000	.10000+00	343.00	.7672-01	.9091-01	.1002	42.57	3.266	.3594	556.9	.2314-02
94	.20000	.20000	344.00	.2719-01	.3221-01	.3548-01	42.65	1.160	.3582	555.1	.8199-03
94	.20000	.40000	345.00	.9058-01	.1074	.1185	42.33	3.835	.3629	562.3	.2734-02
94	.30000	.50000-01	348.00	.1171	.1387	.1529	42.55	4.981	.3597	557.4	.3531-02
94	.30000	.20000	349.00	.2406-01	.2849-01	.3138-01	42.70	1.027	.3576	554.0	.7253-03
94	.30000	.40000	350.00	.3739-01	.4426-01	.4874-01	42.82	1.601	.3559	551.4	.1127-02
94	.30000	.50000	351.00	.7462-01	.8833-01	.9725-01	42.85	3.198	.3554	550.6	.2249-02
94	.30000	.90000	352.00	.1356	.1605	.1767	42.94	5.824	.3542	548.8	.4087-02
94	.40000	.20000	354.00	.2561-01	.3032-01	.3339-01	42.78	1.095	.3565	552.4	.7719-03
94	.40000	.50000	356.00	.3151-01	.3728-01	.4103-01	42.99	1.355	.3535	547.7	.9493-03
94	.40000	.70000	357.00	.1372	.1623	.1787	43.01	5.903	.3531	547.1	.4134-02
94	.40000	.90000	358.00	.1033	.1222	.1345	42.95	4.437	.3539	548.4	.3112-02
94	.50000	.50000-01	359.00	.1442	.1707	.1880	42.75	6.162	.3569	553.0	.4346-02
94	.50000	.70000	360.00	.7536-01	.8913-01	.9810-01	43.03	3.243	.3528	546.7	.2270-02
94	.50000	.90000	361.00	.1208	.1429	.1573	42.98	5.193	.3535	547.8	.3640-02
94	.60000	.50000-01	362.00	.1659	.1964	.2162	42.82	7.104	.3558	551.3	.5000-02
94	.60000	.10000+00	363.00	.1001	.1185	.1304	42.85	4.289	.3554	550.7	.3016-02
94	.60000	.20000	364.00	.3308-01	.3915-01	.4310-01	42.92	1.420	.3544	549.1	.9968-03

OH105B 60-0 VERTICAL TAIL (R3RT36)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
94	.60000	.40000	365.00	.1210-01	.1431-01	.1575-01	43.06	.5210	.3524	546.0	.3644-03
94	.60000	.50000	366.00	.2769-01	.3274-01	.3603-01	43.11	1.194	.3517	545.0	.8338-03
94	.60000	.70000	367.00	.7905-01	.9349-01	.1029	43.05	3.403	.3525	546.2	.2381-02
94	.70000	.50000-01	369.00	.1922	.2274	.2504	42.88	8.240	.3551	550.1	.5791-02
94	.70000	.70000	370.00	.7707-01	.9115-01	.1003	43.04	3.317	.3527	546.4	.2321-02
94	.70000	.90000	371.00	.1532	.1812	.1994	42.98	6.584	.3535	547.7	.4614-02
94	.80000	.10000+00	373.00	.1385	.1639	.1805	42.87	5.939	.3551	550.2	.4174-02
94	.80000	.40000	374.00	.3504-01	.4146-01	.4564-01	42.96	1.505	.3539	548.3	.1056-02
94	.80000	.50000	375.00	.3622-01	.4285-01	.4716-01	43.00	1.558	.3533	547.3	.1091-02
94	.80000	.70000	376.00	.7355-01	.8700-01	.9575-01	43.01	3.163	.3532	547.2	.2215-02
94	.80000	.90000	377.00	.1932	.2285	.2515	42.97	8.301	.3536	547.9	.5819-02
94	.90000	.10000+00	378.00	.8439-01	.9993-01	.1101	42.74	3.607	.3570	553.2	.2544-02
94	.90000	.30000	379.00	.2855-01	.3379-01	.3720-01	42.91	1.225	.3545	549.3	.8604-03
94	.90000	.70000	381.00	.2694-01	.3188-01	.3510-01	42.94	1.157	.3542	548.8	.8118-03
94	.90000	.90000	382.00	.3273-01	.3874-01	.4265-01	42.87	1.403	.3551	550.2	.9864-03
94	.95000	.30000	383.00	.3602-01	.4262-01	.4692-01	42.91	1.546	.3545	549.4	.1085-02
94	.95000	.50000	384.00	.3427-01	.4054-01	.4463-01	42.97	1.473	.3537	548.0	.1032-02
94	.95000	.90000	385.00	.2401-01	.2842-01	.3129-01	42.90	1.030	.3546	549.5	.7236-03

OH105B 60-0 VERTICAL TAIL (R3RT37)

VERT TAIL

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
95	.0000	.0000	7.300	2.995	698.8	1496.	368.3	.1255	131.7	.7999-04	4106.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
95	.0000	.2187

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
95	.10000+00	.10000+00	340.00	.9034-01	.1071	.1181	51.36	4.640	.3620	555.7	.2216-02
95	.10000+00	.30000	341.00	.9922-01	.1176	.1296	51.52	5.112	.3602	552.9	.2433-02
95	.10000+00	.50000	342.00	.9033-01	.1070	.1179	51.63	4.664	.3588	550.7	.2214-02
95	.20000	.10000+00	343.00	.7598-01	.9011-01	.9935-01	51.34	3.900	.3623	556.1	.1864-02
95	.20000	.20000	344.00	.2597-01	.3079-01	.3394-01	51.45	1.336	.3609	554.0	.6369-03
95	.20000	.40000	345.00	.9974-01	.1184	.1306	51.08	5.095	.3654	560.9	.2449-02
95	.30000	.50000-01	348.00	.1143	.1356	.1495	51.33	5.869	.3623	556.2	.2805-02
95	.30000	.20000	349.00	.2436-01	.2887-01	.3181-01	51.55	1.256	.3598	552.3	.5972-03
95	.30000	.40000	350.00	.4525-01	.5360-01	.5905-01	51.70	2.339	.3580	549.6	.1109-02
95	.30000	.50000	351.00	.9057-01	.1073	.1181	51.75	4.687	.3573	548.5	.2219-02
95	.30000	.90000	352.00	.1431	.1695	.1866	51.88	7.426	.3559	546.3	.3507-02
95	.40000	.20000	354.00	.2504-01	.2967-01	.3269-01	51.64	1.293	.3587	550.6	.6138-03
95	.40000	.50000	356.00	.4127-01	.4885-01	.5378-01	51.94	2.144	.3551	545.1	.1011-02
95	.40000	.70000	357.00	.1478	.1748	.1925	52.00	7.684	.3544	544.0	.3619-02
95	.40000	.90000	358.00	.1236	.1463	.1611	51.89	6.415	.3557	545.9	.3028-02
95	.50000	.50000-01	359.00	.1432	.1696	.1869	51.62	7.390	.3589	550.9	.3509-02
95	.50000	.70000	360.00	.9513-01	.1126	.1239	52.02	4.948	.3541	543.6	.2330-02
95	.50000	.90000	361.00	.1331	.1576	.1735	51.93	6.913	.3552	545.3	.3261-02
95	.60000	.50000-01	362.00	.1659	.1965	.2165	51.72	8.582	.3577	549.1	.4067-02
95	.60000	.10000+00	363.00	.1008	.1194	.1315	51.76	5.220	.3572	548.4	.2471-02
95	.60000	.20000	364.00	.3531-01	.4180-01	.4603-01	51.86	1.831	.3560	546.5	.8651-03

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105B 60-0 VERTICAL TAIL

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
95	.60000	.40000	365.00	.1659-01	.1963-01	.2161-01	52.04	.8635	.3539	543.3	.4063-03
95	.60000	.50000	366.00	.3693-01	.4368-01	.4808-01	52.11	1.925	.3530	541.9	.9041-03
95	.60000	.70000	367.00	.1035	.1224	.1348	52.04	5.385	.3539	543.2	.2534-02
95	.70000	.50000-01	369.00	.1913	.2265	.2495	51.78	9.904	.3570	548.0	.4687-02
95	.70000	.70000	370.00	.1000	.1183	.1303	52.04	5.204	.3540	543.3	.2449-02
95	.70000	.90000	371.00	.1793	.2122	.2337	51.95	9.314	.3550	545.0	.4392-02
95	.80000	.10000+00	373.00	.1362	.1613	.1777	51.80	7.056	.3568	547.7	.3338-02
95	.80000	.40000	374.00	.4205-01	.4976-01	.5479-01	51.94	2.184	.3551	545.1	.1030-02
95	.80000	.50000	375.00	.4389-01	.5193-01	.5717-01	52.00	2.282	.3544	544.0	.1075-02
95	.80000	.70000	376.00	.1048	.1241	.1366	51.99	5.451	.3545	544.1	.2568-02
95	.80000	.90000	377.00	.2239	.2650	.2917	51.93	11.63	.3552	545.2	.5483-02
95	.90000	.10000+00	378.00	.8197-01	.9715-01	.1071	51.51	4.222	.3602	552.9	.2010-02
95	.90000	.30000	379.00	.3711-01	.4393-01	.4838-01	51.86	1.924	.3561	546.6	.9091-03
95	.90000	.70000	381.00	.3258-01	.3856-01	.4246-01	51.91	1.691	.3555	545.7	.7980-03
95	.90000	.90000	382.00	.3722-01	.4407-01	.4854-01	51.80	1.928	.3567	547.6	.9119-03
95	.95000	.30000	383.00	.4158-01	.4922-01	.5420-01	51.89	2.158	.3557	546.0	.1019-02
95	.95000	.50000	384.00	.4366-01	.5166-01	.5688-01	51.98	2.269	.3546	544.4	.1069-02
95	.95000	.90000	385.00	.3237-01	.3832-01	.4220-01	51.85	1.678	.3562	546.8	.7929-03

OH105B 60-0 VERTICAL TAIL (R3RT38)

VERT TAIL

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
96	.0000	.0000	7.300	3.711	863.4	1493.	367.7	.1551	131.4	.9903-04	4102.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
96	.0000	.2431

TEST DATA

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
96	.10000+00	.10000+00	340.00	.9273-01	.1100	.1213	56.92	5.278	.3627	555.8	.2044-02
96	.10000+00	.30000	341.00	.1048	.1243	.1370	57.09	5.984	.3609	553.1	.2310-02
96	.10000+00	.50000	342.00	.9202-01	.1091	.1202	57.18	5.262	.3599	551.5	.2028-02
96	.20000	.10000+00	343.00	.7726-01	.9166-01	.1011	56.87	4.394	.3633	556.7	.1704-02
96	.20000	.20000	344.00	.2726-01	.3233-01	.3564-01	56.98	1.553	.3621	554.8	.6010-03
96	.20000	.40000	345.00	.9792-01	.1161	.1279	57.13	5.595	.3605	552.3	.2158-02
96	.30000	.50000-01	348.00	.1141	.1354	.1494	56.82	6.485	.3638	557.5	.2517-02
96	.30000	.20000	349.00	.2549-01	.3022-01	.3331-01	57.04	1.454	.3615	553.9	.5618-03
96	.30000	.40000	350.00	.4764-01	.5646-01	.6222-01	57.17	2.723	.3601	551.7	.1050-02
96	.30000	.50000	351.00	.9518-01	.1128	.1243	57.21	5.445	.3596	551.0	.2097-02
96	.30000	.90000	352.00	.1486	.1760	.1939	57.28	8.510	.3589	549.9	.3273-02
96	.40000	.20000	354.00	.2721-01	.3225-01	.3555-01	57.11	1.554	.3607	552.7	.5996-03
96	.40000	.50000	356.00	.5195-01	.6154-01	.6779-01	57.37	2.980	.3579	548.5	.1144-02
96	.40000	.70000	357.00	.1446	.1712	.1886	57.41	8.300	.3575	547.8	.3184-02
96	.40000	.90000	358.00	.1322	.1566	.1725	57.31	7.573	.3586	549.5	.2911-02
96	.50000	.50000-01	359.00	.1434	.1701	.1875	57.02	8.179	.3617	554.2	.3162-02
96	.50000	.70000	360.00	.1051	.1244	.1371	57.43	6.036	.3572	547.4	.2314-02
96	.50000	.90000	361.00	.1407	.1666	.1836	57.33	8.065	.3583	549.1	.3098-02
96	.60000	.50000-01	362.00	.1660	.1968	.2169	57.11	9.481	.3607	552.7	.3659-02
96	.60000	.10000+00	363.00	.1030	.1221	.1345	57.15	5.885	.3603	552.0	.2269-02
96	.60000	.20000	364.00	.3893-01	.4613-01	.5083-01	57.26	2.229	.3591	550.2	.8577-03

OH105B 60-0 VERTICAL TAIL (R3RT38)

RUN NUMBER	ZV/BV	XV/CV	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
96	.60000	.40000	365.00	.1733-01	.2052-01	.2261-01	57.45	.9957	.3570	547.1	.3816-03
96	.60000	.50000	366.00	.3918-01	.4638-01	.5108-01	57.53	2.254	.3562	545.7	.8626-03
96	.60000	.70000	367.00	.1151	.1363	.1501	57.46	6.612	.3569	546.9	.2534-02
96	.70000	.50000-01	369.00	.1892	.2242	.2471	57.17	10.81	.3601	551.7	.4168-02
96	.70000	.70000	370.00	.1182	.1399	.1541	57.47	6.791	.3569	546.8	.2602-02
96	.70000	.90000	371.00	.1901	.2251	.2480	57.37	10.90	.3579	548.5	.4186-02
96	.80000	.10000+00	373.00	.1382	.1638	.1806	57.19	7.906	.3598	551.4	.3046-02
96	.80000	.40000	374.00	.4653-01	.5511-01	.6071-01	57.38	2.670	.3578	548.2	.1025-02
96	.80000	.50000	375.00	.4773-01	.5652-01	.6226-01	57.46	2.743	.3570	547.0	.1051-02
96	.80000	.70000	376.00	.1277	.1513	.1666	57.43	7.335	.3573	547.5	.2813-02
96	.80000	.90000	377.00	.2316	.2743	.3022	57.37	13.29	.3580	548.5	.5101-02
96	.90000	.10000+00	378.00	.8140-01	.9649-01	.1063	57.12	4.649	.3606	552.6	.1794-02
96	.90000	.30000	379.00	.3684-01	.4364-01	.4808-01	57.34	2.113	.3582	548.8	.8115-03
96	.90000	.70000	381.00	.3532-01	.4182-01	.4607-01	57.44	2.029	.3572	547.3	.7777-03
96	.90000	.90000	382.00	.4004-01	.4743-01	.5226-01	57.32	2.295	.3585	549.3	.8820-03
96	.95000	.30000	383.00	.4384-01	.5193-01	.5720-01	57.36	2.515	.3580	548.5	.9655-03
96	.95000	.50000	384.00	.4618-01	.5468-01	.6023-01	57.47	2.654	.3568	546.7	.1017-02
96	.95000	.90000	385.00	.3733-01	.4422-01	.4872-01	57.33	2.140	.3583	549.1	.8222-03

OH105B 60-0 SPEEDBRAKE CAVITY (R3RU25)

SPDBRK CAVITY

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
65	.0000	.0000	7.300	.9880	235.7	1515.	373.5	.4227-01	133.5	.2657-04	4134.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
65	.0000	.1271

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
65	1.0000	1399.0	.13859-03	.1639-03	.1804-03	30.69	.4254-02	.3531	549.6	.5893-05

OH105B 60-0 SPEEDBRAKE CAVITY (R3RU27)

SPDBRK CAVITY

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
67	.0000	.0000	7.300	2.943	699.6	1512.	372.7	.1255	133.2	.7906-04	4130.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
67	.0000	.2190

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
67	1.0000	1399.0	.21240-03	.2515-03	.2769-03	52.51	.1115-01	.3562	553.2	.5239-05

OH105B 60-0 SPEEDBRAKE CAVITY (R3RU30)

SPDBRK CAVITY

PARAMETRIC DATA

ALPHA = 10.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
64	10.00	.0000	7.300	1.915	465.9	1533.	378.1	.8347-01	135.2	.5182-04	4160.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
64	.0000	.1788

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
64	1.0000	1399.0	.15674-03	.1851-03	.2034-03	44.16	.6921-02	.3467	546.2	.4770-05

OH105B 60-0 SPEEDBRAKE CAVITY (R3RU32)

SPDBRK CAVITY

PARAMETRIC DATA

ALPHA = 15.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/FT = 2.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
60	15.00	.0000	7.300	1.977	465.3	1503.	370.3	.8353-01	132.4	.5296-04	4117.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
60	.0000	.1785

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
60	1.0000	1399.0	.22543-03	.2670-03	.2942-03	42.42	.9562-02	.3579	552.3	.6793-05

OH105B 60-O SPEEDBRAKE CAVITY (R3RU35)

SPDBRK CAVITY

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 1.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
108	.0000	.0000	7.300	.9939	239.5	1524.	375.8	.4293-01	134.3	.2681-04	4147.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
108	.0000	.1282

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
108	1.0000	1399.0	.13615-03	.1610-03	.1771-03	31.24	.4254-02	.3510	549.8	.5763-05

OH105B 60-0 SPEEDBRAKE CAVITY (R3RU37)

SPDBRK CAVITY

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.000 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
106	.0000	.0000	7.300	2.998	700.5	1527.	376.5	.1255	134.6	.7827-04	4151.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
106	.0000	.2192

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
106	1.0000	1399.0	.89643-04	.1061-03	.1168-03	53.28	.4776-02	.3541	555.6	.2223-05

OH105-B MODELS 83-0 AND 60-0 AT ARC 3.5 FT. TUNNEL

OH105B 60-0 SPEEDBRAKE CAVITY

SPDBRK CAVITY

PARAMETRIC DATA

ALPHA = .0000 BETA = .0000 ELEVON = 5.000 BDFLAP = 15.00
SPDBRK = 49.00 RN/FT = 3.700 MACH = 7.300

TEST CONDITIONS

RUN NUMBER	ALPHA DEG.	BETA DEG.	MACH	RN/FT /FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	PINF PSIA	TINF DEG. R	RHO SLUGS/ FT3	VINF FT/SEC	SCALE
105	.0000	.0000	7.300	3.661	864.6	1506.	371.1	.1552	132.7	.9816-04	4121.	.1750-01

RUN NUMBER	PHI DEG.	HS SPHERE TW=540
105	.0000	.2434

TEST DATA

RUN NUMBER	DUMMY	T/C NO	H/HREF R=1.0	H/HREF R=.900	H/HREF R=.850	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=.900
105	1.0000	1399.0	.48532-03	.5748-03	.6331-03	58.01	.2815-01	.3574	552.7	.1074-04