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NASA CR-151,380

RESULTS OF HEAT TRANSFER TEST OF A 0.0175-SCALE SPACE SHUTTLE ORBITER 140B MODEL (MODIFIED 22-0) IN THE NASA-AMES RESEARCH CENTER 3.5-FOOT HYPERSONIC WIND TUNNEL (TEST OH26)

SPACE SHUTTLE AEROTHERMODYNAMIC DATA REPORT

Data Management SERVICES
SPACE DIVISION CHRYSLER CORPORATION

October 1977

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by

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Prepared under NASA Contract Number NAS9-13247

by

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

for

Engineering Analysis Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	ARC 3.5-199
NASA Series Number:	OH26
Model Number:	22-0
Test Dates:	July 22 through July 29, 1974
Occupancy Hours	96

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ABSTRACT

This report presents test information and data from a test program conducted with a 0.0175-scale thin-skin thermocouple model of the Rockwell International Space Shuttle Orbiter 140B (Modified Model 22-0) in the NASA-Ames Research Center 3.5-Foot Hypersonic Wind Tunnel. The purpose of this program was to obtain aerodynamic heat transfer data on the Orbiter under simulated entry conditions.

The model was tested at a Mach number of 7.3 and free-stream Reynolds numbers from 1.0×10^6 to 7.0×10^6 per foot. The angles of attack were 20°, 25°, and 30° with 0° sideslip angle.

Mr. W. K. Lockman, Ames Research Center, is acknowledged for his technical assistance applicable to data and applicable to the preparation of this report.

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TABLE OF CONTENTS

	Page
ABSTRACT	iii
INDEX OF MODEL FIGURES	2
INDEX OF DATA FIGURES	3
NOMENCLATURE	6
CONFIGURATIONS INVESTIGATED	9
TEST FACILITY DESCRIPTION	10
DATA REDUCTION	11
REFERENCES	14
TABLES	
I. NOMINAL TEST CONDITIONS	15
II. DATA SET/RUN NUMBER COLLATION SUMMARY	16
III. MODEL DIMENSIONAL DATA	18
IV. THERMOCOUPLE LOCATIONS	26
MODEL FIGURES	32
DATA FIGURES	43
APPENDIX	
TABULATED SOURCE DATA	

INDEX OF MODEL FIGURES

Figure	Title	Page
1.	Axis Systems.	32
2.	Model Sketches.	
a.	Instrumentation System	33
b.	Nose and Cabin Thermocouple Locations.	34
c.	Upper Wing Surface and Fuselage Thermocouple Locations.	36
d.	Lower Wing Surface and Fuselage Thermocouple Locations.	37
e.	Instrumented Vertical Tail and OMS Pod Thermocouple Locations	38
f.	Aft Orbiter Fuselage and OMS Nozzle Thermocouple Locations	39
3.	Model Photographs.	
a.	Orbiter Model Installed in Test Section, $\alpha = 20°$, $\delta_F = +5°$, $\delta_{BF} = 5°$	40
b.	Three-Quarter Rear View Close-Up of Orbiter Base Region.	41

INDEX OF DATA FIGURES

FIGURE NUMBER	TITLE	CONDITIONS VARYING	PLOTTED COEFFICIENTS	PAGE
4	Fuselage Lower Surface Centerline (ALPHA = 20, RE/FT = 1.0×10^6)	ELEVON BDFLAP	St versus Re	1 - 4
5	Fuselage Lower Surface (ALPHA = 20, RE/FT = 1.0×10^6)	Y ELEVON BDFLAP	St versus Re	5 - 8
6	Wing Lower Surface (ALPHA = 20, RE/FT = 1.0×10^6)	2Y/B ELEVON BDFLAP	St versus Re	9 - 20
7	Fuselage Lower Surface Centerline (ALPHA = 20, RE/FT = 3.7×10^6)	ELEVON BDFLAP	St versus Re	21 - 24
8	Fuselage Lower Surface (ALPHA = 20, RE/FT = 3.7×10^6)	Y ELEVON BDFLAP	St versus Re	25 - 28
9	Wing Lower Surface (ALPHA = 20, RE/FT = 3.7×10^6)	2Y/B ELEVON BDFLAP	St versus Re	29 - 40
10	Fuselage Lower Surface Centerline (ALPHA = 20, RE/FT = 7.0×10^6)	ELEVON BDFLAP	St versus Re	41 - 42
11	Fuselage Lower Surface (ALPHA = 20, RE/FT = 7.0×10^6)	Y ELEVON BDFLAP	St versus Re	43 - 44

INDEX OF DATA FIGURES (Continued)

FIGURE NUMBER	TITLE	CONDITIONS VARYING	PLOTTED COEFFICIENTS	PAGE
12	Wing Lower Surface (ALPHA = 20, RE/FT = 7.0×10^6)	2Y/B ELEVON BDFLAP	St versus Re	45 - 48
13	Fuselage Lower Surface Centerline (ALPHA = 25, RE/FT = 7.0×10^6)		St versus Re	49
14	Fuselage Lower Surface (ALPHA = 25, RE/FT = 7.0×10^6)	Y	St versus Re	50
15	Wing Lower Surface (ALPHA = 25, RE/FT = 7.0×10^6)	2Y/B	St versus Re	51 - 53
16	Fuselage Lower Surface Centerline (ALPHA = 30, RE/FT = 1.0×10^6)	ELEVON BDFLAP	St versus Re	54 - 56
17	Fuselage Lower Surface (ALPHA = 30, RE/FT = 1.0×10^6)	Y ELEVON BDFLAP	St versus Re	57 - 59
18	Wing Lower Surface (ALPHA = 30, RE/FT = 1.0×10^6)	2Y/B ELEVON BDFLAP	St versus Re	60 - 68
19	Fuselage Lower Surface Centerline (ALPHA = 30, RE/FT = 3.7×10^6)	ELEVON BDFLAP	St versus Re	69 - 73

INDEX OF DATA FIGURES (Concluded)

FIGURE NUMBER	TITLE	CONDITIONS VARYING	PLOTTED COEFFICIENTS	PAGE
20	Fuselage Lower Surface (ALPHA = 30, RE/FT = 3.7×10^6)	Y ELEVON BDFLAP	St versus Re	74 - 78
21	Wing Lower Surface (ALPHA = 30, RE/FT = 3.7×10^6)	2Y/B ELEVON	St versus Re	79 - 93
22	Fuselage Lower Surface Centerline (ALPHA = 30, RE/FT = 7.0×10^6)		St versus Re	94
23	Fuselage Lower Surface (ALPHA = 30, RE/FT = 7.0×10^6)	Y	St versus Re	95
24	Wing Lower Surface (ALPHA = 30, RE/FT = 7.0×10^6)	2Y/B	St versus Re	96 - 98

NOMENCLATURE

Symbol	Mnemonic	Definition
b		thickness of model skin, in
b/2		wing semi-span-in
C		specific heat of model skin material, BTU/lb_m-°R
c		wing and vertical chord length-in
C_0, 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) BTU/lb_m - °R
CHAN		recording-system channel
H_{aw}	HAW	adiabatic wall enthalpy, BTU/lb_m
H_t	HT	free-stream total enthalpy, BTU/lb_m
H_{w_i}	HW	enthalpy based on model wall temperature for given T/C location at initial time, BTU/lb_m
h	H	heat-transfer coefficient at model wall for given T/C location, lb_m/ft^2-sec
h_s	HREF	stagnation-point heat-transfer coefficient for reference sphere, lb /ft^2-sec
h/h_s(X.XXX)	H/HREF(X.XXX)	ratio of model heat-transfer coefficient to heat-transfer coefficient of reference sphere for H_{aw}/H_t = X.XXX
L	LENGTH	model reference length-ft
M_∞	MACH	free-stream Mach number
P_t	PT	free-stream total pressure, psia
$\dot{q}_i$	QDOT	heat-transfer rate at model wall for given T/C location at initial time, BTU/ft^2-sec
2Y/b	2Y/B	nondimensional spanwise location on wing, fraction of wing semi-span
LINE		Line 1, line caused by intersection of OMS pod bottom with fuselage

NOMENCLATURE (Continued)

Symbol	Mnemonic	Definition
$\dot{q}_s$	QREF	stagnation-point heat-transfer rate for reference sphere at initial time, BTU/ft^2 - sec
R_s	RS	reference sphere radius at model scale equivalent to 0.305 m (1 ft) for full-scale vehicle, ft.
Re_∞/ft	RE/FT	free-stream Reynolds number per foot
Re_∞,L	Re,RN/L	free-stream Reynolds number based on model reference length, L
St(X.XXX)	St(X.XXX), STN NO	Stanton number based on free-stream flow conditions and the model heat-transfer coefficient for H_{aw}/H_t = X.XXX
T		temperature, °R
T_t	TT	free-stream total temperature, °R
T_{w_i}	TW	model wall temperature for given T/C location at initial time, °R
T/C	T/C NO	thermocouple
t	TIME	time, sec.
t_i		initial time (before model insertion into flow) extrapolated from $f(T_w)$ vs time, sec
u	VEL	velocity, ft/sec
W		density of model skin material lb_m/ft^3
X		distance aft of given reference point, in
X/l	X/L	longitudinal location, fraction of body length
X_o		Orbiter longitudinal station, in
WL		fuselage waterline
Y		wing spanwise distance from ℄, in
Y_o		Orbiter lateral station, inches
Z		vertical spanwise distance from Z_o (WL) = 500, in.
ρu	RHOVEL	density times velocity, slug/ft^2 sec

NOMENCLATURE (Concluded)

Symbol	Mnemonic	Definition
Z_o		Orbiter vertical station, inches
α	ALPHA	angle of attack
β	BETA	angle of sideslip
δ_{BF}	BDFLAP	body flap deflection angle, degree
δ_e	ELEVON	elevon deflection angle, degree
δ_{SB}	SPDBRK	speed brake deflection angle, degree
μ		viscosity of air, lb-sec/ft^2
ρ	RHO	density of air, slug/ft^3
ϕ	PHI	angular location coordinate on Orbiter
m		slope of straight line

SUBSCRIPTS

aw	adiabatic wall
i	initial value before model insertion into tunnel flow
PG	perfect gas (calorically and thermally perfect gas)
s	reference sphere
t	free-stream total condition
v	vertical tail
w	wall
∞	free-stream
C'_{aw}	defined in Data Reduction section
T'_{aw}	defined in Data Reduction section
Z/b_v	vertical spanwise location on tail as percent of vertical span
X/C	distance from leading edge, fraction of local chord length

CONFIGURATIONS INVESTIGATED

The model tested was a 0.0175-scale thin-skin thermocouple model of the Rockwell International Space Shuttle Orbiter 140B vehicle 4. The structural area of the model was constructed of 15-5 PH stainless steel with the instrumented areas of 15-5 PH and 17-4 PH stainless steel machined to a nominal skin thickness of 0.030 in.

The model was provided with the following control-surface deflections:

Elevons (both):	-30°, -15°, -7°, 0°, +5°, +10°, +15°
Rudder flare:	0°, 40° (outside surface included angle)
Body flap:	0°, 5°, 15°, and 22°

However, for this test program the rudder flare deflection of 40° and body flap deflection of 22° were not used. The model angles of attack were 20°, 25°, and 30° with 0° sideslip angle.

The following nomenclature is used to describe model components for the vehicle 4 configuration:

Body: B_{25}
Canopy: C_{10}
Elevon: E_{26}
Body flap: F_{10}
OMS pods: M_4
Rudder: R_5
Vertical: V_7
Wing: W_{116}

Table III presents model dimensional data.

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°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°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 +20 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:

$$\dot{q} = WCb \frac{dT_w}{dt} = h\ (H_{aw} - H_w) \equiv hH_t\ (\frac{H_{aw}}{H_t} - \frac{H_w}{H_t}) \tag{1}$$

which neglects heat-conduction losses.

Assuming that W and h are constant and

$$C = C_o + C_1\ T_w + C_2\ T_w^{\ 2} \text{ for } T_w \text{ ranges} \tag{2}$$

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:

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

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

$\neq$ specific heat at adiabatic wall temperature

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

The form of Eq (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 Eq (3) is computed by a least-squares, straight-line fit over a finite time interval (approx 1 sec) 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 inital wall enthalpy by the method of Fay and Riddell (ref. 3):

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

The model-to-sphere ratio of heat-transfer coefficients is then determined from Eqs. (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 Eq. (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 free-stream 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 (ref. 4) for calorically imperfect, thermally perfect air. Keyes' equation for viscosity (see ref. 5) 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 °R and lb-sec/ft^2, respectively.

REFERENCES

1. Grumman Aerospace Corporation Stress Report 0.0175-Scale Heat Transfer Model (RIC Configuration 139) 22-OTS No. AER IT-STR-42, September 20, 1973.

2. Foster, T. F. and Cummings, J.: Pretest Information for Testing of the 22-0 Thin Skin Thermocouple Orbiter Model in the Ames Research Center 3.5-Foot Hypersonic Wind Tunnel-Test OH26, Rockwell International Report No. SD74-SH-0147, June 17, 1974

3. Fay, J. A., 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, 121.

4. Ames Research Staff; Equations, Tables, and Charts for Compressible Flow, NACA Rept. 1135, 1953.

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

TABLE I.

TEST : OH26(ARC 3.5HWT 199)

DATE : 7/29/74

NOMINAL
TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per foot)x10^{-6}	TOTAL PRESSURE (psia)	TOTAL TEMPERATURE (degrees Rankine)
7.32	1.0	235	1500
7.32	1.5	355	1500
7.32	2.0	475	1500
7.32	2.5	590	1500
7.32	3.0	710	1500
7.32	3.3	780	1500
7.32	3.7	875	1500
7.32	7.0	1655	1500

BALANCE UTILIZED: None

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

COMMENTS: The model was instrumented with thermocouples only.

TABLE II.

TEST: 3.5-199 φM26

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 7-29-74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	Se	SBF	SSB	RE/FT[1]	Me	NO. OF RUNS	Hook Up Number 1	2	3	4
RE2 *01	Orb. 140B Vehi. 4	30	0	0	0	0	1.0	7.32	4	1	3	4	5
02		30	0	0	0	0	3.7			9	8	7(2)	6
03		30	0	0	0	0	7.0			10	23	24	28
04		20	0	0	0	0	7.0			11	22	25	29
05		25	0	0	0	0	7.0			12	13	26	27
06		20	0	5	5	0	1.0		2	30	36		
07		✓	✓	✓	✓	✓	3.7			31	37		
08		30	0	5	5	0	1.0			32	34		
09		✓	✓	✓	✓	✓	3.7			33	35		
10		20	0	10	0	0	1.0			16	14		
11		✓	✓	✓	✓	✓	3.7			17	15		
12		20	0	15	15	0	1.0			18	21		
13		✓	✓	✓	✓	✓	3.7			19	20		
14		30	0	-7	0	0	3.7		3	50	51	52	
15		20	0	-15	0	0	1.0			39	38	40	
16		✓	✓	✓	✓	✓	3.7			43	42	41	
17		30	0	-15	0	0	1.0			44	45	46(3)	
18		✓	✓	✓	✓	✓	3.7			49	48	47	

TEST RUN NUMBERS

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

COEFFICIENTS

IDVAR (1) IDVAR (2) NDV

α OR β SCHEDULES

*Fourth character

[1] RN/FT x 10^{-6}

(2) "L" data unavailable

(3) "M" data unavailable

TABLE II. - Concluded.

TEST: 3.5-199 ϕH26 | DATA SET RUN NUMBER COLLATION SUMMARY | DATE: 7/29/74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	δ_e	δ_{BF}	δ_{SB}	RE/FT (1)	M_∞					NO. OF RUNS	HOOKUP NUMBER 1	2	3	4
RE2019		30	0	-30	0	0	3.7	7.32					3	55	54	53	
RE2020		20	0	15	15	0	7.0	7.32					1	56			

Tab Data*		Plotted* Data	Plotted Data Descriptor	Instrumentation Hookup No.	Geometry Measured
A	BOTTOM CENTERLINE	1 2	Fwd Bottom Centerline Aft Bottom Centerline	1 -	A, D
B	TOP CENTERLINE			2 -	D, H
C	WINDOW				
D	WING LOWER SURFACE	3 4	Inboard Lower Wing Surface Outboard Lower Wing Surface	3 -	B,E,F,L,M,N,Ø,P,Q,R
				4 -	A,B,C,I,J,K,L
E	WING TOP SURFACE				
F	VERTICAL TAIL				
H	AFT FUSELAGE SIDE				
I	FUSELAGE SIDE				
J	FUSELAGE NOSE				
K	BOTTOM FUSELAGE	5	Bottom of Fuselage		
L	MISC				
M	OMS BOTTOM CREASE				
N	OMS WL 474				
O	OMS PHI = 149				
P	OMS TOP				
Q	OMS INSIDE				
R	BOTTOM RCS				

* Fourth character of data sets

IDVAR (1) IDVAR (2) NDV

α OR β SCHEDULES

(1) RN/FT x 10^{-6}

TABLE III. - MODEL DIMENSIONAL DATA

MODEL COMPONENT: BODY B_{25}

GENERAL DESCRIPTION: Vehicle 4 Orbiter Fuselage

Model Scale = 0.0175

DRAWING NUMBER VL 70 000200, 202, 203
VL 70 000140B,

DIMENSION:	FULL SCALE	MODEL SCALE
Length --in. (Nose at X = 235)	1293.3	22.633
Max Width --in. @ X = 1520	232	4.060
Max Depth --in @ X = 1450	248.5	4.349
Fineness Ratio		
Area		
Max Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. - Continued.

MODEL COMPONENT : Canopy C_{10}

GENERAL DESCRIPTION : Configuration 4 canopy and windshield as used with B_{25}, 6 glass panes in windshield

Model Scale: 0.0175

DRAWING NUMBER : VL 70 000140B, 140C, 202B

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length X_o = 434.643 to 670 --in.	235.357	4.119
Max Width		
Max Depth, glass -- in.	28.000	0.490
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		
Nose/windshield intersection, X_o =	434.643	7.606

TABLE III. - Continued.

MODEL COMPONENT: ELEVON - E_{26}

GENERAL DESCRIPTION: Configuration 140A/B Orbiter Elevon (Data are for one side).

MODEL SCALE: 0.0175 MODEL DRAWING: SS-A00148, RELEASE 6

DRAWING NUMBER: VL70-000200, -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.	118.004	2.065
Outb'd equivalent chord , In.	55.192	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	0.00	0.00
Trailing Edge	- 10.056	- 10.056
Hingeline	0.00	0.00
*Area Moment (Product of area & $\bar{c}$), Ft^3	1587.25	0.0085
*Mean Aerodynamic Chord, In.	90.7	1.587

TABLE III. - Continued

MODEL COMPONENT: BODY FLAP - F_{10}

GENERAL DESCRIPTION: Vehicle 4 body flap with hingeline at X_o = 1532, Z_o = 287.

MODEL SCALE: 0.0175

DRAWING NUMBER: VL70-000140B, -140C, -200, -200A**

DIMENSIONS:

	FULL-SCALE	MODEL SCALE
Area - Ft^2	133.71	0.0409
Span (equivalent), In.	255.42	4.470
Inb'd equivalent chord, In.	81.00	1.418
Outb'd equivalent chord, In.	81.00	1.418
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	1.00	1.00
At Outb'd equiv. chord	1.00	1.00
Sweep Back Angles, degrees		
Leading Edge	0.0	0.0
Trailing Edg3	0.0	0.0
Hingeline	0.0	0.0
Area Moment (Product of area & $\bar{c}$), Ft^3	439.92	0.00236
Maximum height, In.	20.6	0.361
Base area, Ft^2	36.53	0.0112

**Hingeline shown on -200, -200A drawing is inconsistent with Configuration Control Drawing and should be ignored. Planform dimensions have been utilized.

TABLE III. - Continued.

MODEL COMPONENT: OMS Pod - M4

GENERAL DESCRIPTION: Configuration 3 per Rockwell Lines VL70-000139

NOTE: M4 identical to M3, except intersection to fuselage.

Model Scale = 0.0175

DRAWING NUMBER VL70-000139

DIMENSION:	FULL SCALE	MODEL SCALE
Length - IN	346.0	6.055
Max Width - IN	108.0	1.890
Max Depth - IN	113.0	1.978
Fineness Ratio		
Area - FT^2		
Max Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. - Continued.

MODEL COMPONENT: RUDDER - R_5

GENERAL DESCRIPTION: Configuration 140 C/D Orbiter Rudder (Identical to configuration 140A/B rudder.

MODEL SCALE: 0.0175

DRAWING NUMBER: VL70-000146B, -000095

DIMENSIONS:

	FULL-SCALE	MODEL SCALE
* Area - Ft^2	100.15	0.031
Span (equivalent), In.	201.0	3.512
Inb'd equivalent chord , In.	91.585	1.603
Outb'd equivalent chord , In.	50.833	0.890
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83	34.83
Trailing Edge	26.25	26.25
Hingeline	34.83	34.83
*Area Moment (Product of Area & $\bar{c}$), Ft^3	610.92	0.0165
*Mean Aerodynamic Chord, In.	73.2	1.281

TABLE III. - Continued.

MODEL COMPONENT: VERTICAL - V_7

GENERAL DESCRIPTION: Centerline vertical tail, double-wedge airfoil with rounded leading edge.

NOTE: Same as V_5, but with manipulator housing removed.

MODEL SCALE: 0.0175

DRAWING NUMBER: VL70-000139

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) Ft^2	425.92	0.13044
Planform		
Span (Theo) In	315.72	5.525
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	26.249	26.249
0.25 Element Line	41.130	41.130
Chords:		
Root (Theo) WP	258.50	4.699
Tip (Theo) WP	108.47	1.898
MAC	199.81	3.497
Fus. Sta. of .25 MAC	1463.50	25.611
W. P. of .25 MAC	635.522	11.122
B. L. of .25 MAC	0.00	0.00
Airfoil Section		
Leading Wedge Angle Deg	10.000	10.000
Trailing Wedge Angle Deg	14.920	14.920
Leading Edge Radius	2.0	0.0350
Void Area	13.17	0.00403
Blanketed Area	0.00	0.00

TABLE III. - Concluded.

MODEL COMPONENT: WING-W 116

GENERAL DESCRIPTION: Configuration 4

NOTE: Identical to W114 except airfoil thickness. Dihedral angle is along trailing edge of wing.

MODEL SCALE: 0.0175

TEST NO.

DWG. NO. VL70-000140A, -000200

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.) Ft^2		
Planform	2690.00	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	+ 3.000	+ 3.000
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	- 10.056	- 10.056
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo) B.P.0.0.	689.24	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 $\frac{b}{2}$	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 $\frac{b}{2}$ =	0.113	0.113
Tip $\frac{b}{2}$ =	0.12	0.12
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 IV. - THERMOCOUPLE LOCATIONS

T/C No.	Skin Thick	LOCATION X/l	X_o	Y_o	ϕ	Z_o	T/C No.	Skin Thick	LOCATION X/l	X_o	Y_o	ϕ	Z_o
1	.040	0	2350	0	0	—	813	.029	.850		0	0	-
2	.032	.005	241.47				814	.031	.900				
3	.033	.010	247.93				815	.027	.925				
4	.040	.020	260.87				816	.027	.950				
5	.040	.030	273.80				817	.023	.975				
6	.040	.040	286.73				818	.030	1.015				
7	.033	.050	299.67				819	.030	1.03				
8	.035	.060	312.60				820	.028	1.045				
9	.032	.070	385.33				821	.027	1.06				
10	.032	.080	338.46				59	.030	.010	250.9		180°	
* 11	.035	.090	351.40				60	.031	.025	270.26			
12	.037	.100	364.33				61	.035	.050	302.5			
14	.040	.120	390.20				62	.035	.075	334.77			
* 15	.038	.130	403.13				63	.034	.100	367.03			
16	.035	.140	416.06				64	.032	.125	399.29			
17	.036	.150	429.0				65	.032	.150	431.5			
18	.036	.160	441.93				66	.040	.160	444.45			
* 19	.035	.170	454.86				67	.040	.170	457.35			
20	.035	.180	467.79				68	.033	.180	470.25			
* 21	.035	.190	480.73				69	.036	.200	496.06			
22	.035	.200	493.66				72	.030	.401				
23		.225	525.99				73	.030	.500				
* 801		.250	558.33				74	.031	.601				
802		.300	622.99				75	.032	.701				
803		.350	687.66				*76	.030	.801				
804	.034	.400	752.32				77	.028	—	—	29.6	—	478.0
805	.033	.450	816.99				78	.031			12.8		478.0
806	.032	.500	881.65				79	.030			21.2		464.9
807	.030	.550	946.32				80	.030			34.4		452.0
808		.600	1010.9				81	.031			6.0		452.0
809		.650	1079.9				82	.030			43.2		478.0
810	.029	.700	1140.3				83	.030			34.8		478.0
811	.030	.750	1204.9				84	.030			44.8		464.9
812	.030	.800	1269.6				85	.029			59.2		452.0

*T/C not used for this test

TABLE IV. - Continued.

T/C No.	Skin Thick	LOCATION X/1	X_o	Y_o	ø	Z_o
86	.030	-	-	40.40	-	452.0
87	.029	-	-	62.40	140	464.9
88	.031	.100	364.3	20.00	10	-
89	.037	.150	429.0	24.00	10	
90	.037	.050	299.6	25.00	14	
91	.036	.200	493.6	25.00	11.5	
93	.032	.200	493.6	50.0	24	
822	OPEN	.300	622.9	46.8	-	-
823	.028	.400	752.3			
824	.028	.500	881.6			
825	.025	.600	1019.9			
826	.030	.700	1190.3			
827	.030	.800	1269.6			
828	.028	.900	1398.9			
829	.025	.950	1463.6			
830	OPEN	.300	622.9	93.6		
831	.032	.400	752.3			
832	.031	.500	881.6			
833	.033	.600	1010.9			
834	.029	.700	1140.3			
835	.031	.800	1269.6			
836	.030	.900	1398.6			
837	.029	.950	1463.6			
838	.028	.975	1495.9			
839	.028	1.015	1547.7			
840	.029	1.03	1567.1			
841	.029	1.045	1586.4			
842	.027	1.06	1605.8			
843	OPEN	.900	1398.9	109.98		
844	OPEN	.950	1463.6	117.0		
103	.038	.100	364.3	39.2	20	-
104	.035	.150	429.0	40.80	20	-
105	.040	.050	299.6	-	22	303.6
106	.035	.100	364.3	52.00	24.5	-

T/C No.	Skin Thick	LOCATION X/1	X_o	Y_o	ø	Z_o
107	.025	.150	429.0	62.0	25.5	
108	.022	.200	493.6	65.6	31.5	287.2
110	.022	.200	493.6	75.6	35.	292.0
111	.030	.150	429.0	79.2	40.	304.8
112	.020	.200	493.6	85.2	40.	298.8
115	.035	.050	299.6	-	35.	325.6
116	.035	.100	364.3	-	39.	317.6
117	.038	.150	429.0	83.6	45.5	314.4
118	.035	.200	493.6	-	51	320.0
121	.035	.076	333.2		-	350.0
127	.033	.050	299.6		42.5	342.4
128	.030	.020	493.6		67.5	360.0
131	.033	.050	299.6		60	378.4
132	.037	.100	364.3		119	410.0
133	.031	.200	493.6		96.5	410.0
969	.030	.925	1431.5	-	-	300.
970						280.
971						271.6
972		.950	1463.7			336.
973						308
974						284
975						275.6
976		.975	1496.0			391.2
977						336.8
978						308
979						290
980						280.8
135	.033	.401	754.13	-	105	430.0
136	.032	.501	883.15			
137		.601	1012.15			
138		.701	1111.21			
139		.800	1270.24			
142	.033	.401	754.12		135	-
143	.031	.501	883.15		135	-

TABLE IV. - Continued.

T/C No.	Skin Thick	LOCATION X/1	X_o	Y_o	Ø	Z_o	T/C No.	Skin Thick	LOCATION X/1	X_o	Y_o	2Y/b	Z_o
144	.033	.601	1012.2	–	135°	–	845	.020		0	140.5	.300	
145	.032	.701	1141.2		135°		846	.020		.05			
146		.601	1012.2		113		847	.026		.10			
147					112		848	.031		.20			
* 148		.751	1205.7		116	440	849	.030		.30			
* 149	.034				149	450	850	.031		.40			
241	.026	.829	1307			490	851	.030		.50			
242	.035	.900	1399.3			–	852	.030		.60			
* 243	.030	.975	1496.0				853	.031		.70			
244	.034	1.000	1528.3	121.4			854	.030		.80			
245	.035	1.014	1547.0				855	.031		.90			
246	.032	.780	1245.0	95.0		474	856	.031		.95			
247	.031	.805	1276.0	112.9			857	.026		0	163.9	.350	
248	.031	.829	124.5	124.5			858	.022		0	187.3	.400	
249	.035	.862	1350	132.6			859	.031		.05			
250	.028	.963	1480	142.5			860	.031		.10			
* 251	.033	1.000	1528.3				861	.030		.20			
252	.033	1.014	1597.0	–			862	.031		.30			
253	.032	.805	1276	105.5		488	863	.029		.40			
254	.033	.829	1307	117.0		498.7	864	.033		.50			
255	.031	.862	1350	126.5		506	865	.033		.60			
256	.028	.963	1480	134.5		513	866	.030		.70			
* 257	.031	1.000	1528.3	–		500	867	.030		.80			
258	.032	1.014	1547	–			868	.026		.90			
259	.033	.805	1276	95.0		494.3	869	.029		.95			
260	.034	.829	1307			511	870	.030		0	210.7	.450	
261	.031	.862	1350			521	871	.027		0	234.2	.500	
262	.027	.963	1480			530	872	.029		.05			
263	.031	.862	1380	65		517.5	873	.030		.10			
264	.026	.963	1480			527	874	.031		.20			
							875			.30			
							876			.40			
							877	.032		.50			
							878	.029		.60			

*T/C not used for this test

TABLE IV. - Continued.

T/C No.	Skin Thick	LOCATION X_o	X/C	Y_o	Z/b_v	Z_o	T/C No.	Skin Thick	LOCATION X/1	X_o	Y_o	b/2	Z_o
265	.030	1353.0	.10		.159	550.2							
266	.030	1401.5	.30										
267	.028	1498.6	.70										
* 268	.033	-	0		.299	594.4							
269	.031	1394.9	.10										
270	.031	1439.0	.30										
271	.031	1483.0	.50										
272	.022	1527.1	.70										
273	.022	1571.1	.90										
* 274	.034	-	0		.532	667.9							
275	.031	1583.3	.10										
276	.032	1574.9	.30										
277	.032	1611.5	.50										
278	.023	1648.1	.70										
279	.026	1684.7	.90										
* 280	.034	-	0		.765	741.5							
281	.031	1461.0	.10										
282	.031	1490.1	.30										
283	.030	1519.2	.50										
284	.024	1548.4	.70										
285	.024	1577.5	.90										
* 286	.033	-	0		.905	785.7							
287	.030	1576.4	.10										
288	.030	1625.8	.50										
* 401 THRU * 407		OMS NOZZLE											

*T/C not used for this test

TABLE IV. - Continued

T/C No.	Skin Thick	LOCATION X/l	X/C	Y_o	2Y/b	Z_o	T/C No.	Skin Thick	LOCATION X/l	X/C	Y_o	2Y/b	Z_o
879	.026		0	257.6	.550		913	.031		.90	352.8	.705	
880	.024		0	281.02	.600		914	.030		.95			
881	.029		.025				915	.024		0	374.6	.800	
882	.028		.05				916	.032		.20			
883	.030		.075				917	.031		.40			
884	.031		.10				918	.031		.90			
885	.031		.20				919	.028		0	398.1	.850	
886	.033		.30				920	.031		.20			
887	.032		.40				921	.030		.40			
888			.50				922	.028		0	421.4	.900	
889			.60				923	.030		.10			
890	.031		.70				924	.031		.20			
891	.030		.80				925	.031		.30			
892	.031		.85				926	.031		.50			
893	.030		.90				927	.029		.80			
894	.030		.95				928	.028		.90			
895	.026		0	309.4	.650		929	.030		0	444.9	.950	
896	.017		0	327.83	.700		930	.031		.05			
897	.024		.025				931	.030		.10			
898	.032		.10				932	.032		.20			
899	.036		.20				933	.031		.30			
900	.036		.30				934	.030		.50			
901	.035		.40				935	.030		.70			
902	.035		.60				936	.030		.80			
903	.031		.90				937	.030		.90			
904	.028		0	352.8	.750		938	.030		.085	117.0	.250	
905	.028		.025				939	.050		.135			
906	.030		.05				940	.080		.225			
907	.032		.10				941	.025		.05	187.3	.400	
908	.032		.20				942	.030		.20			
909	.035		.30				943	.027		.40			
910	.034		.40				944	.022		.60			
911	.033		.60				945	.025		.95			
912	.027		.80				946	.011		.025	281	.60	

TABLE IV. - Concluded

T/C No.	Skin Thick	LOCATION X/l	X/C	Y_o	$2Y/b$	Z_o	T/C No.	Skin Thick	LOCATION X/l	X/C	Y_o	b/2.	Z_o
947	.018		.05	281.02	.600								
948	.025		.10										
949	.029		.20										
950	.026		.40										
951	.025		.60										
952	.028		.85										
953	.019		.95										
954	.027		.20	327.83	.700								
955			.40										
956			.90										
957			.10	352.25	.750								
958	.025		.20										
959	.026		.40										
960	.026		.60										
961	.023		.80										
962	.027		.90										
963	.029		.90	374.69	.80								
964	.025		.20	421.49	.90								
965	.025		.40										
966	.029		.20	444.9	.95								
967	.030		.40										
968	.029		.80										

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

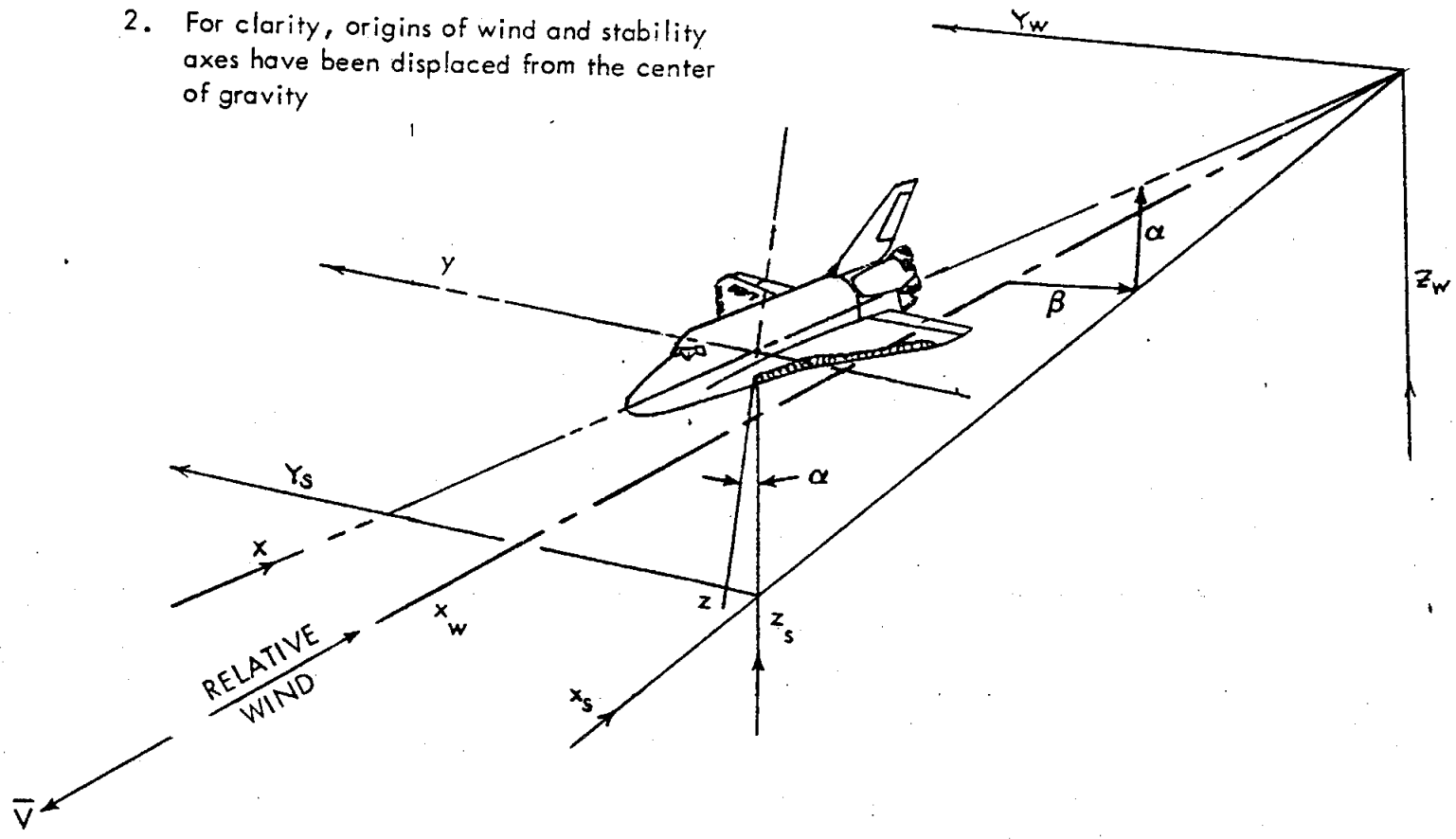


Figure 1. Axis Systems.

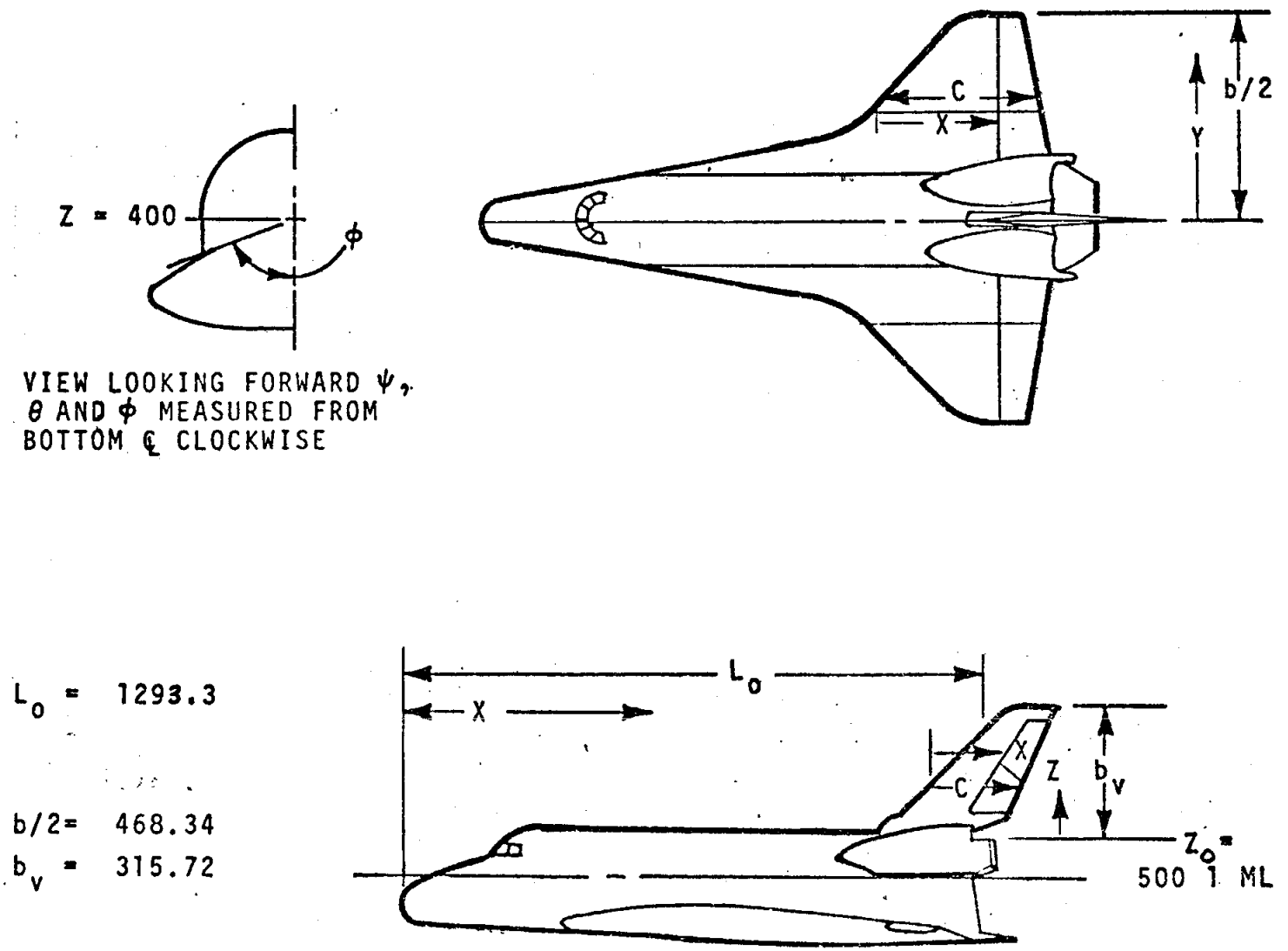
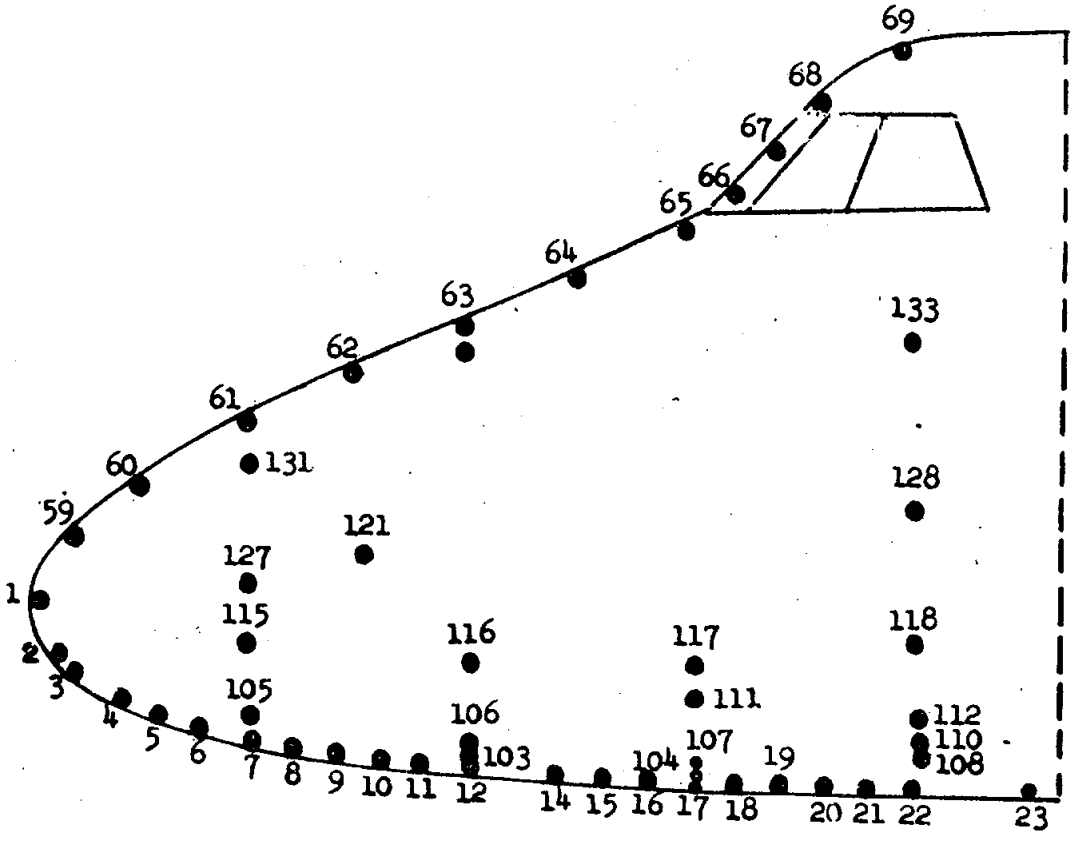


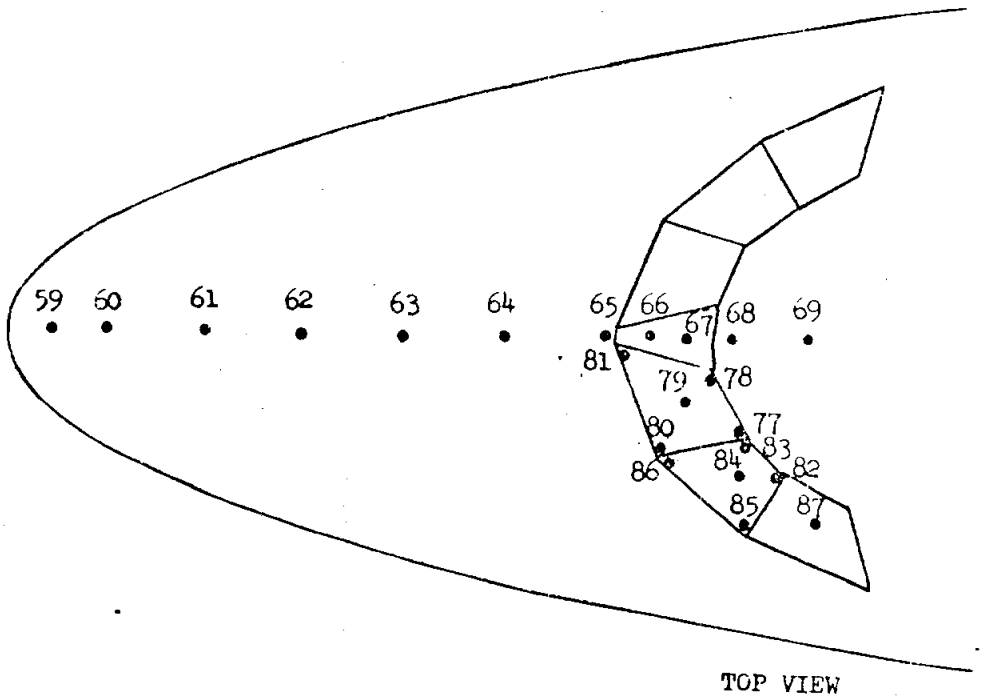
Figure 2. - Model Sketches

a. Instrumentation System.



b. Nose and Cabin Thermocouple Locations.

Figure 2. - Continued.



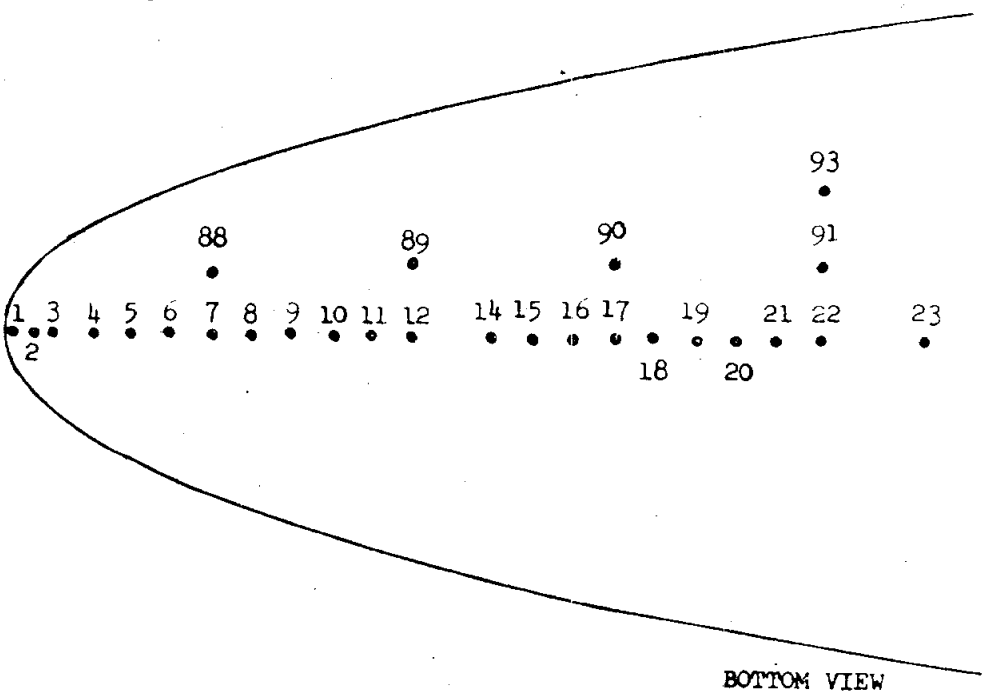
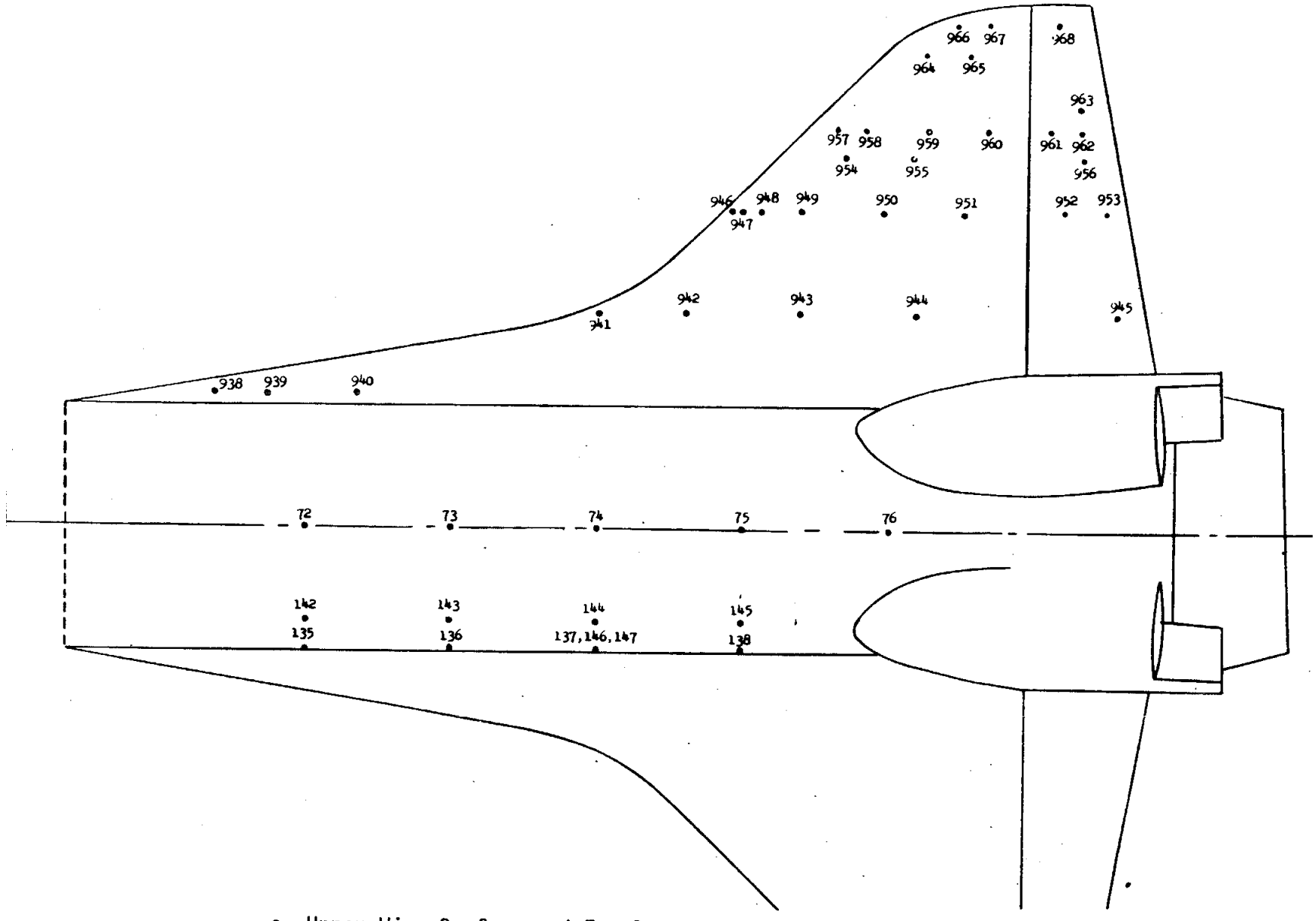
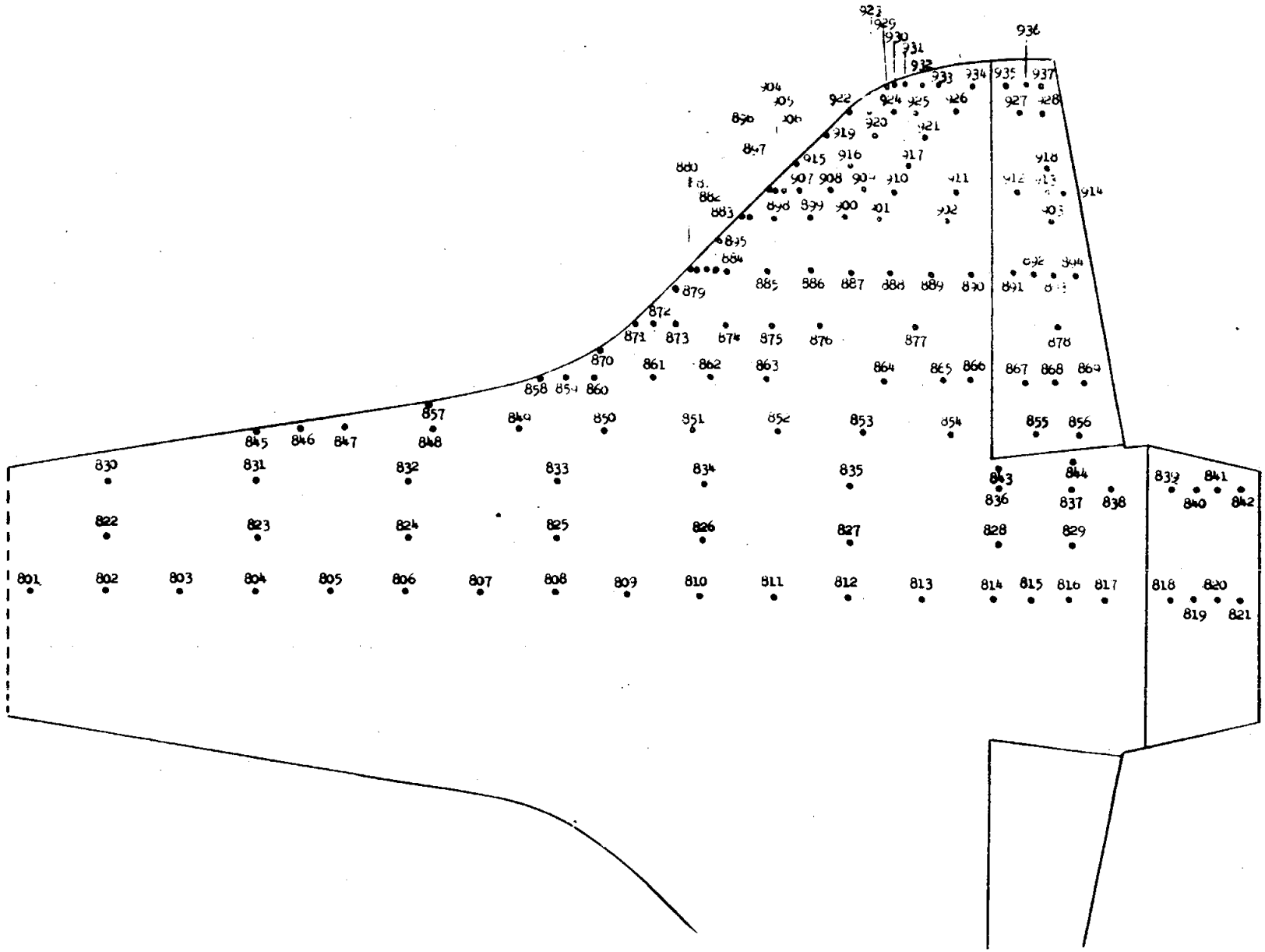


Figure 2. - Continued.



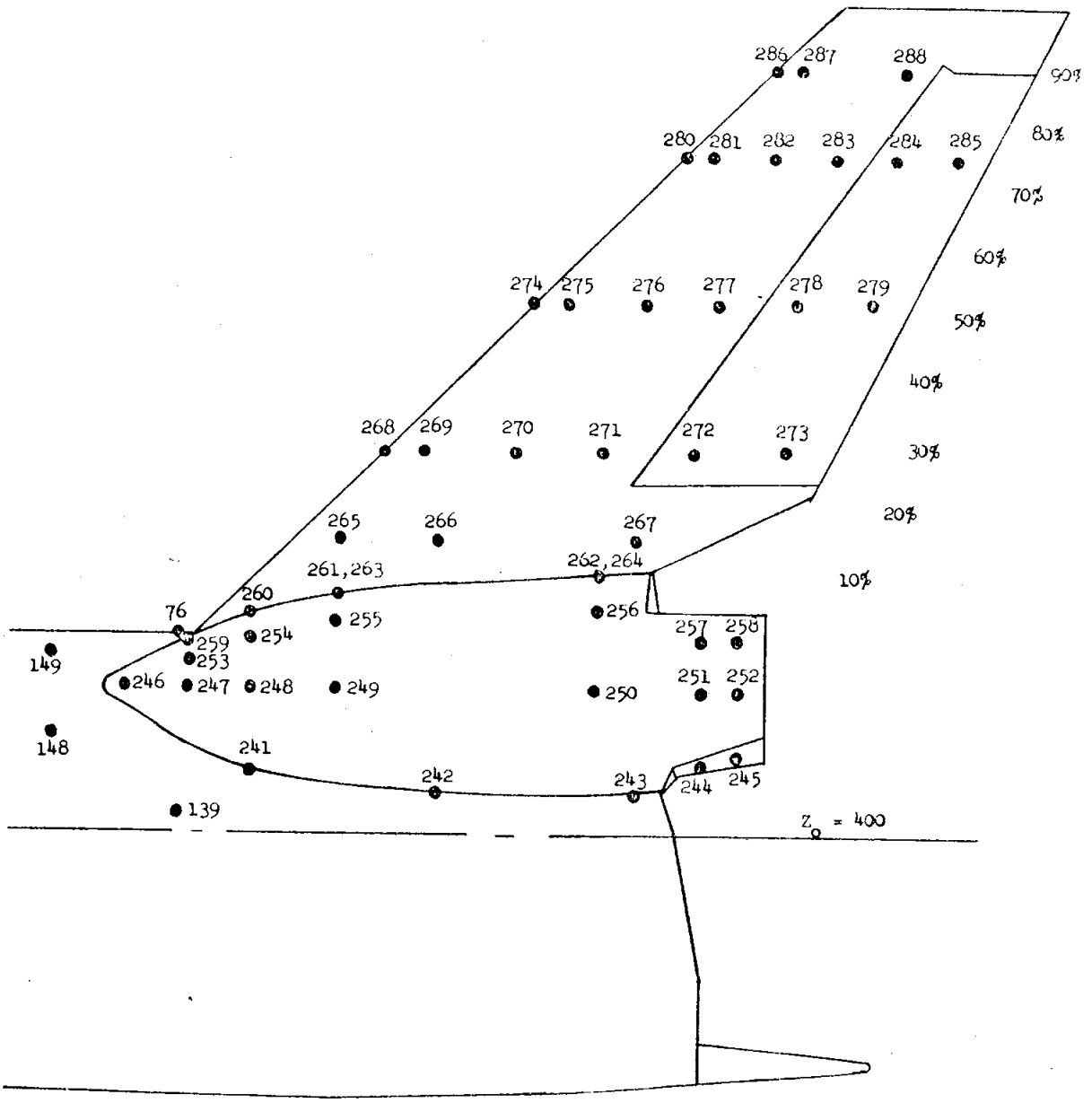
c. Upper Wing Surface and Fuselage Thermocouple Locations.

Figure 2. - Continued.



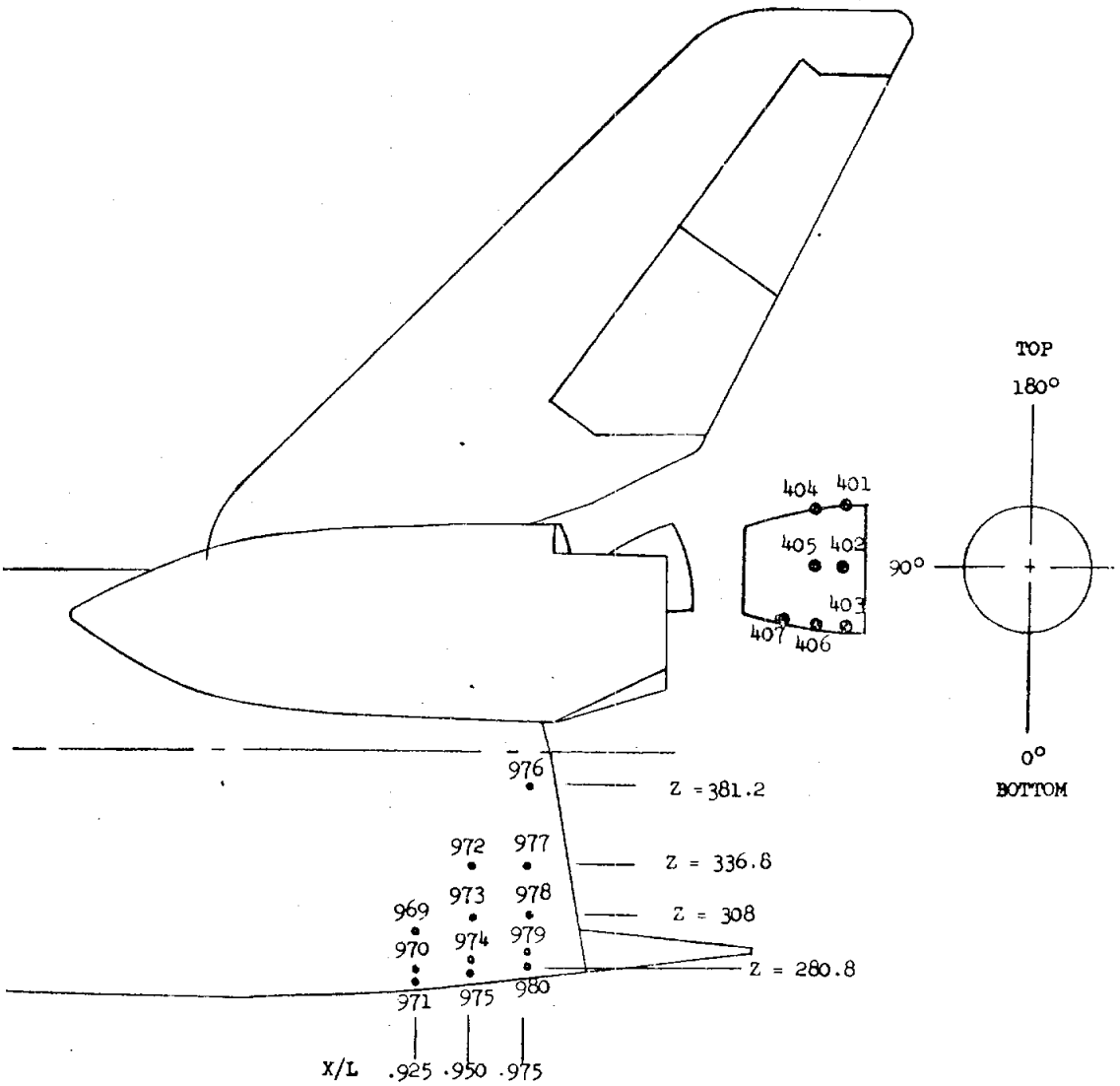
d. Lower Wing Surface and Fuselage Thermocouple Locations

Figure 2. - Continued.



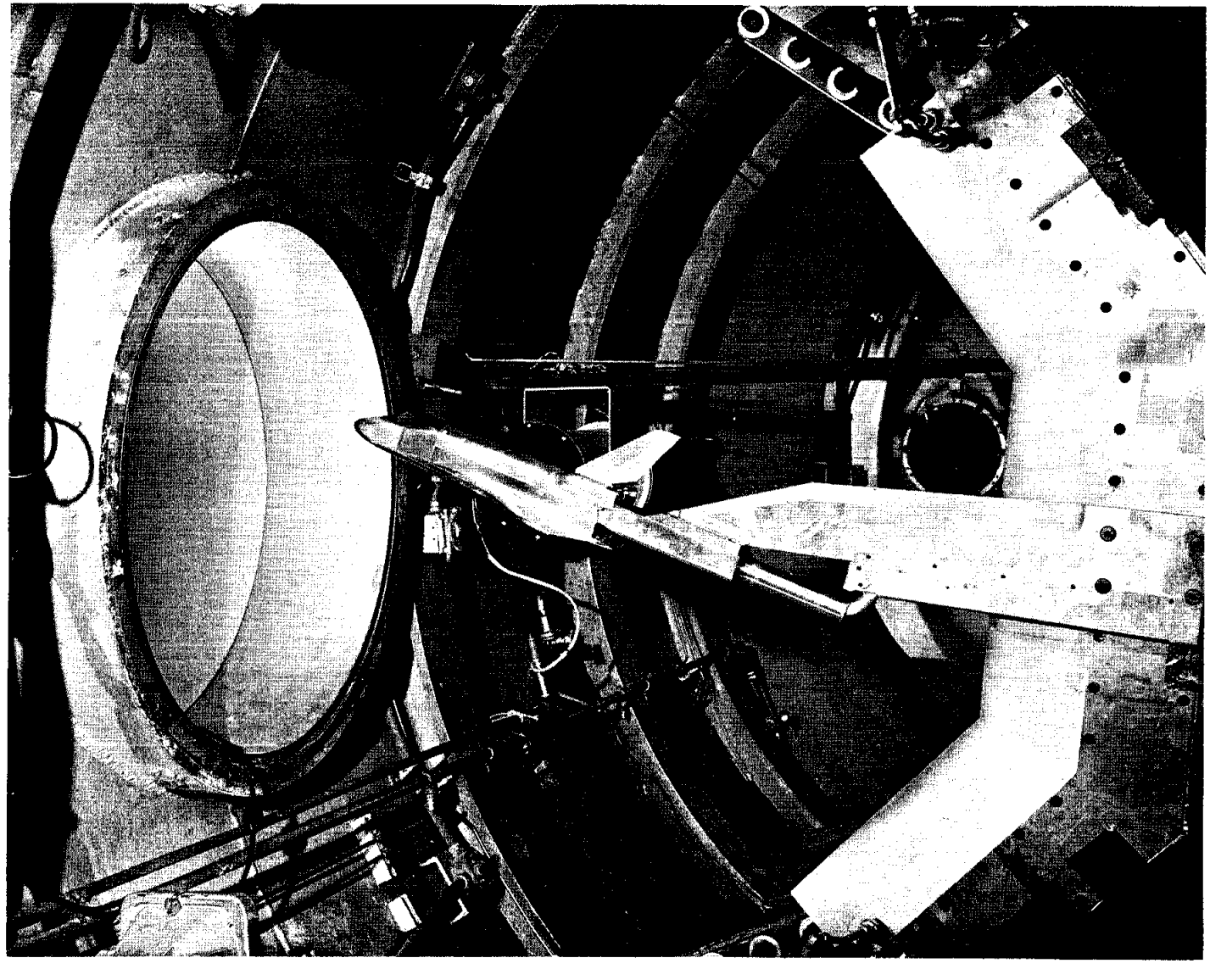
e. Instrumented Vertical Tail and OMS Pod Thermocouple Locations

Figure 2. - Continued.



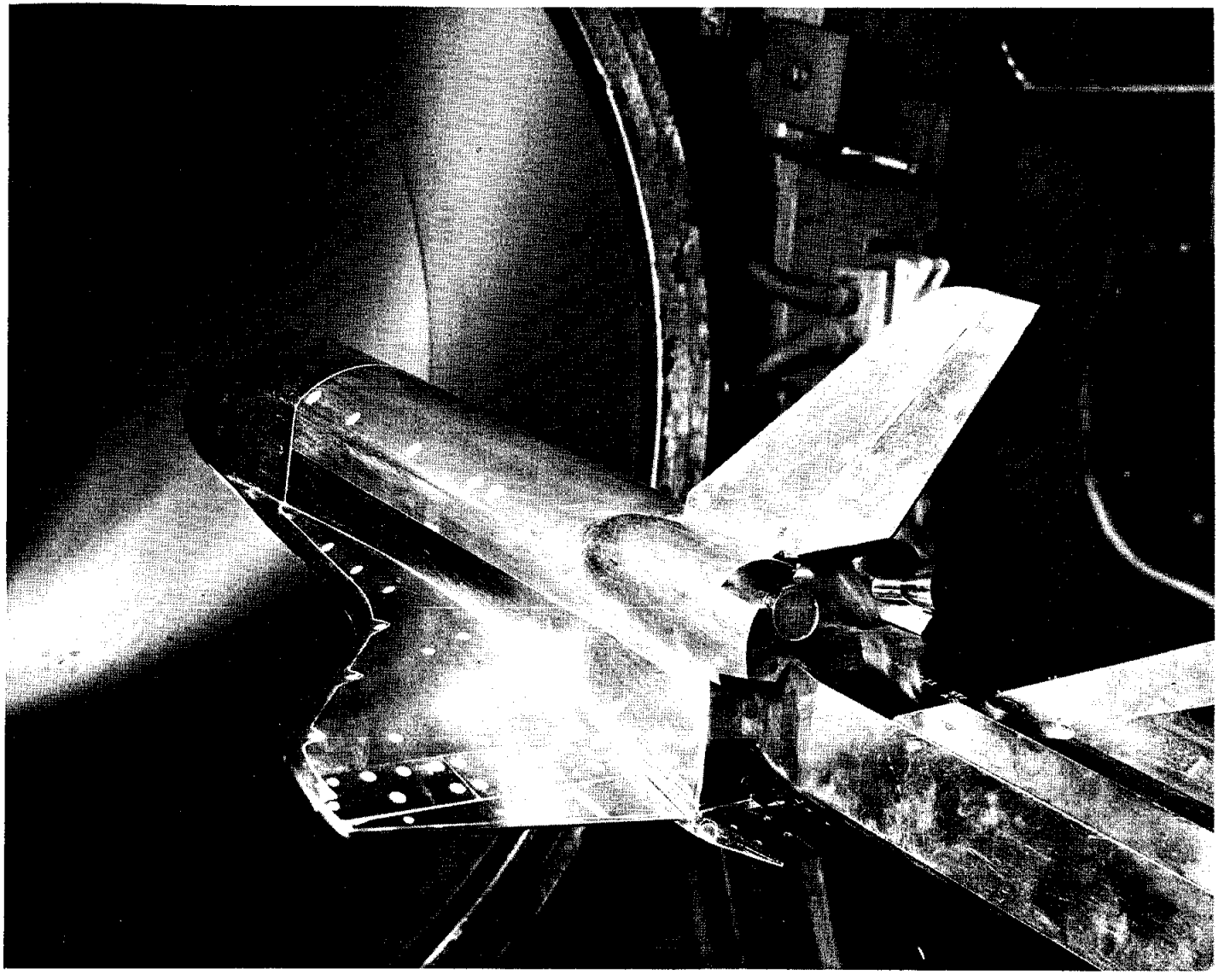
f. Aft Orbiter Fuselage and OMS Nozzle Thermocouple Locations

Figure 2. - Concluded.



a. Orbiter Model Installed in Test Section, $\alpha = 20°$, $\delta_F = +5°$, $\delta_{BF} = 5°$

Figure 3. - Model Photographs.



b. Three-Quarter Rear View Close-Up of Orbiter Base Region.

Figure 3. - Concluded.

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DATA FIGURES

(BE2215) ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE

SYMBOL	PHI	HAW/HT	MACH
O	.000	.892	7.320

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

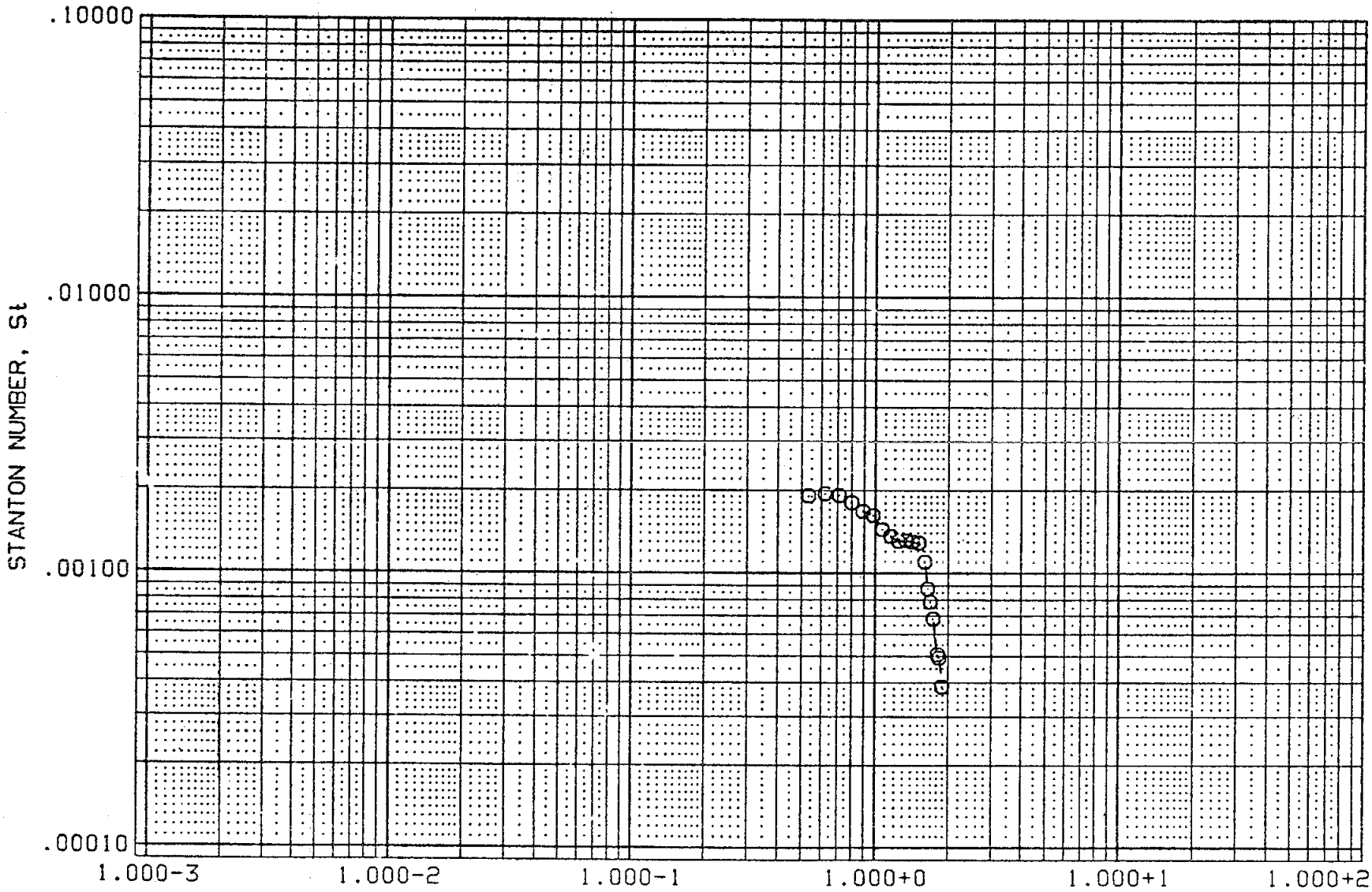

FIGURE 4 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 20, RE/FT = 1.0X10+6)

(BE2206) ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE

SYMBOL	PHI	HAW/HT	MACH
O	.000	.892	7.320

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	1.000

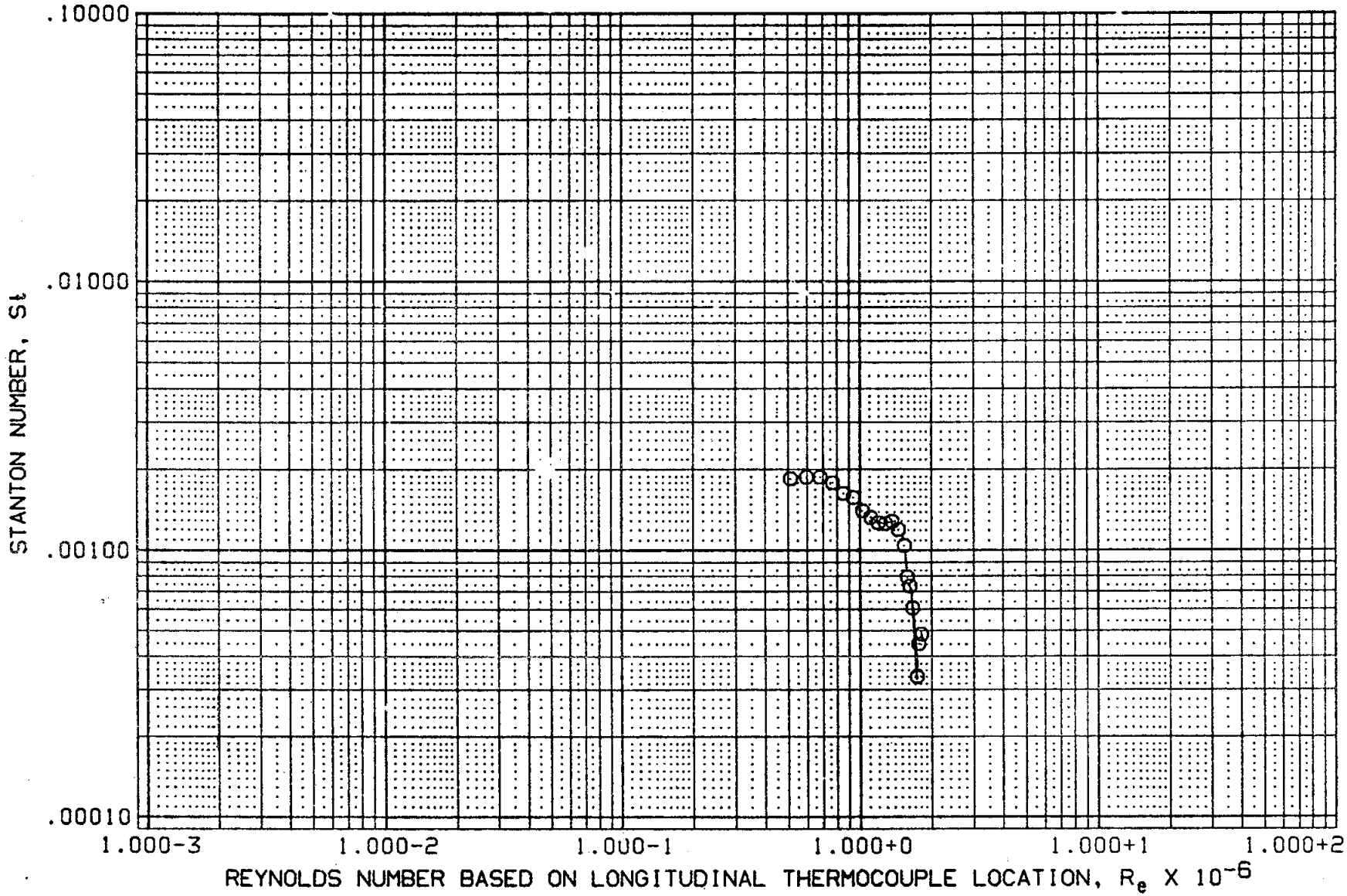

FIGURE 4 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 20, RE/FT = 1.0X10+6)

(BE2210) ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE

SYMBOL	PHI	HAW/HT	MACH
O	.000	.892	7.320

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	10.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

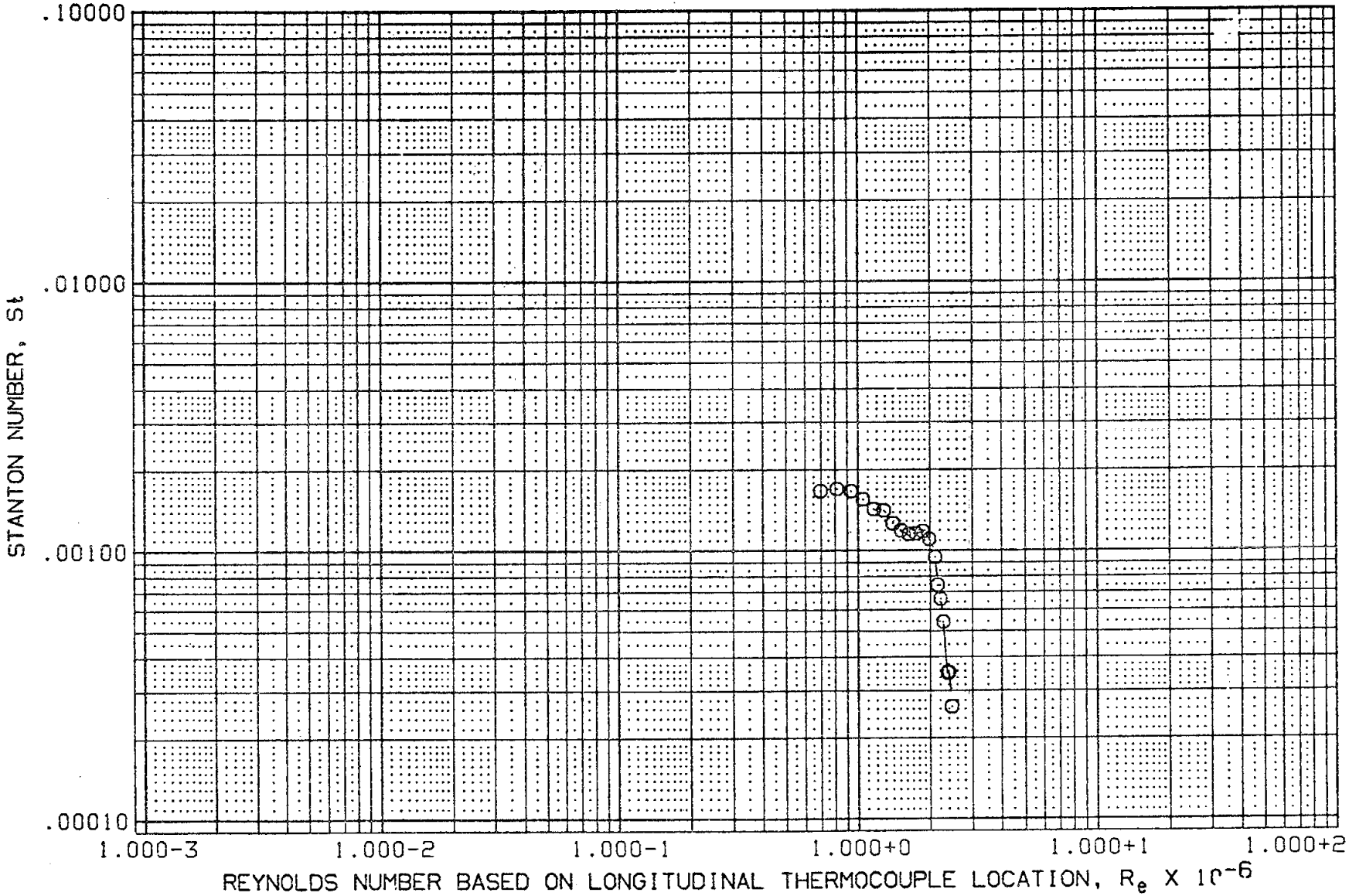

FIGURE 4 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 20, RE/FT = 1.0X10+6)

(BE2212) ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE

SYMBOL	PHI	HAW/HT	MACH
O	.000	.892	7.320

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	15.000	BDFLAP	15.000
SPDBRK	.000	RN/L	1.000

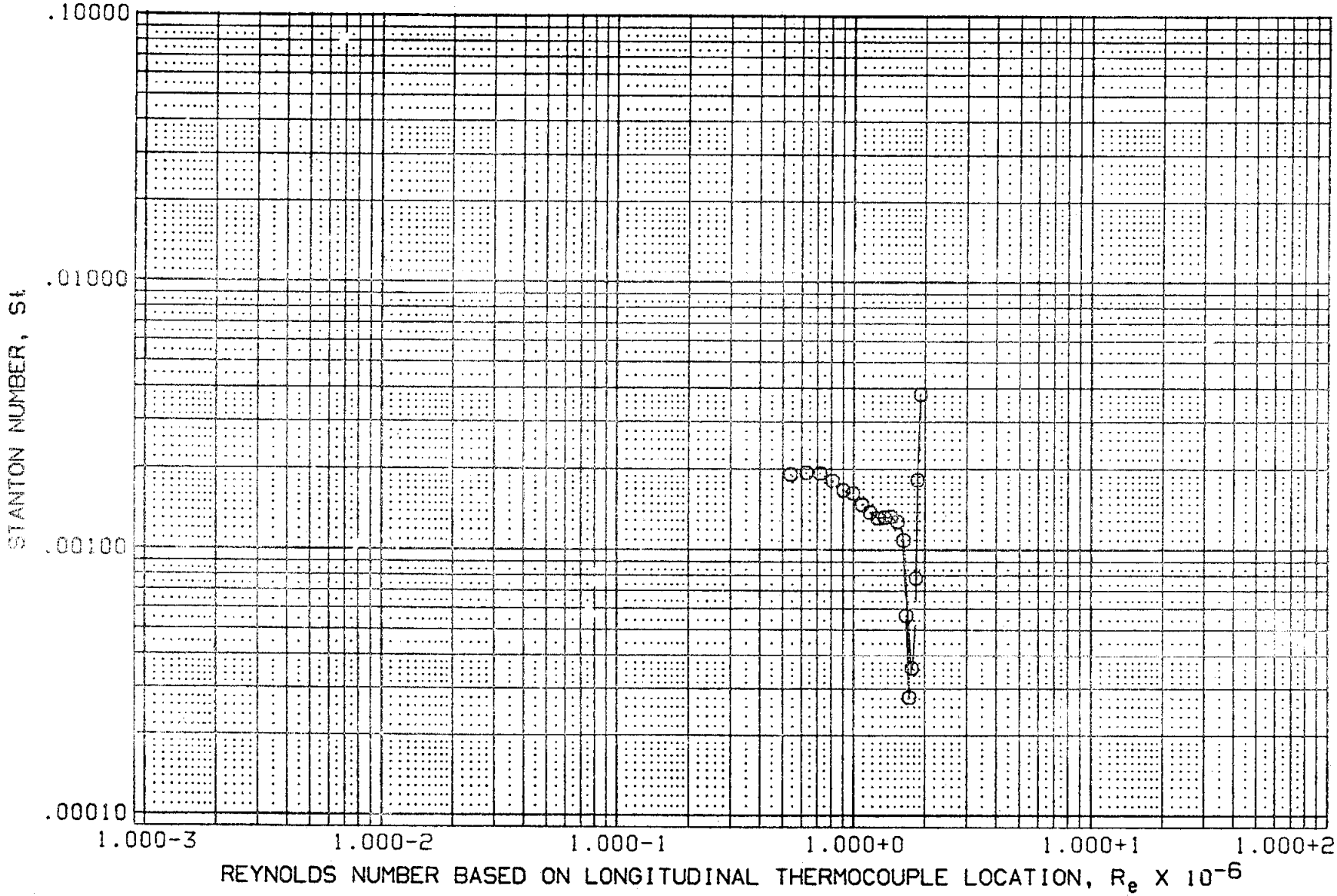

FIGURE 4 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 20, RE/FT = 1.0X10+6)

(BE2515) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.892	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

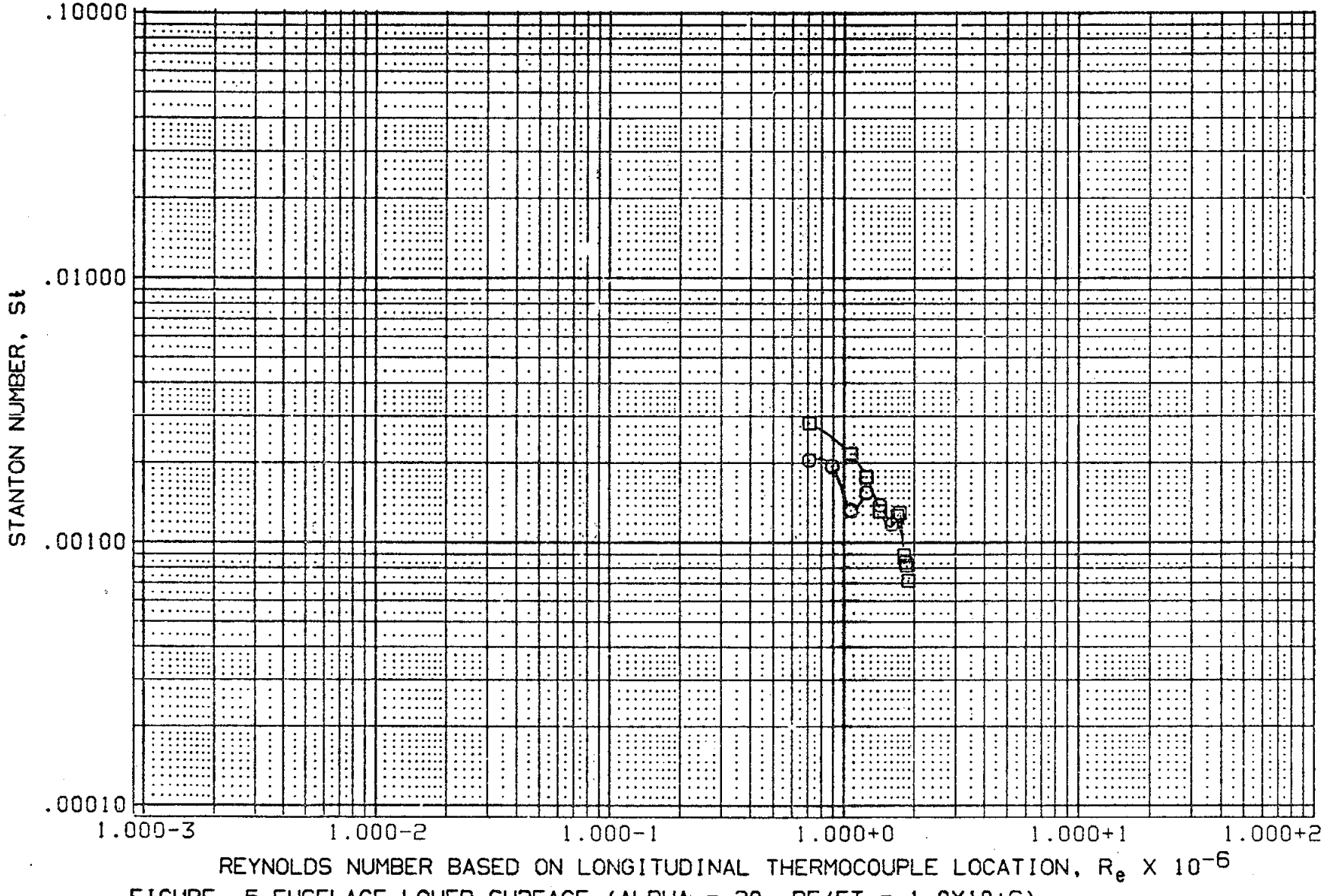

FIGURE 5 FUSELAGE LOWER SURFACE (ALPHA = 20, RE/FT = 1.0X10+6)

(BE2506) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.892	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	1.000

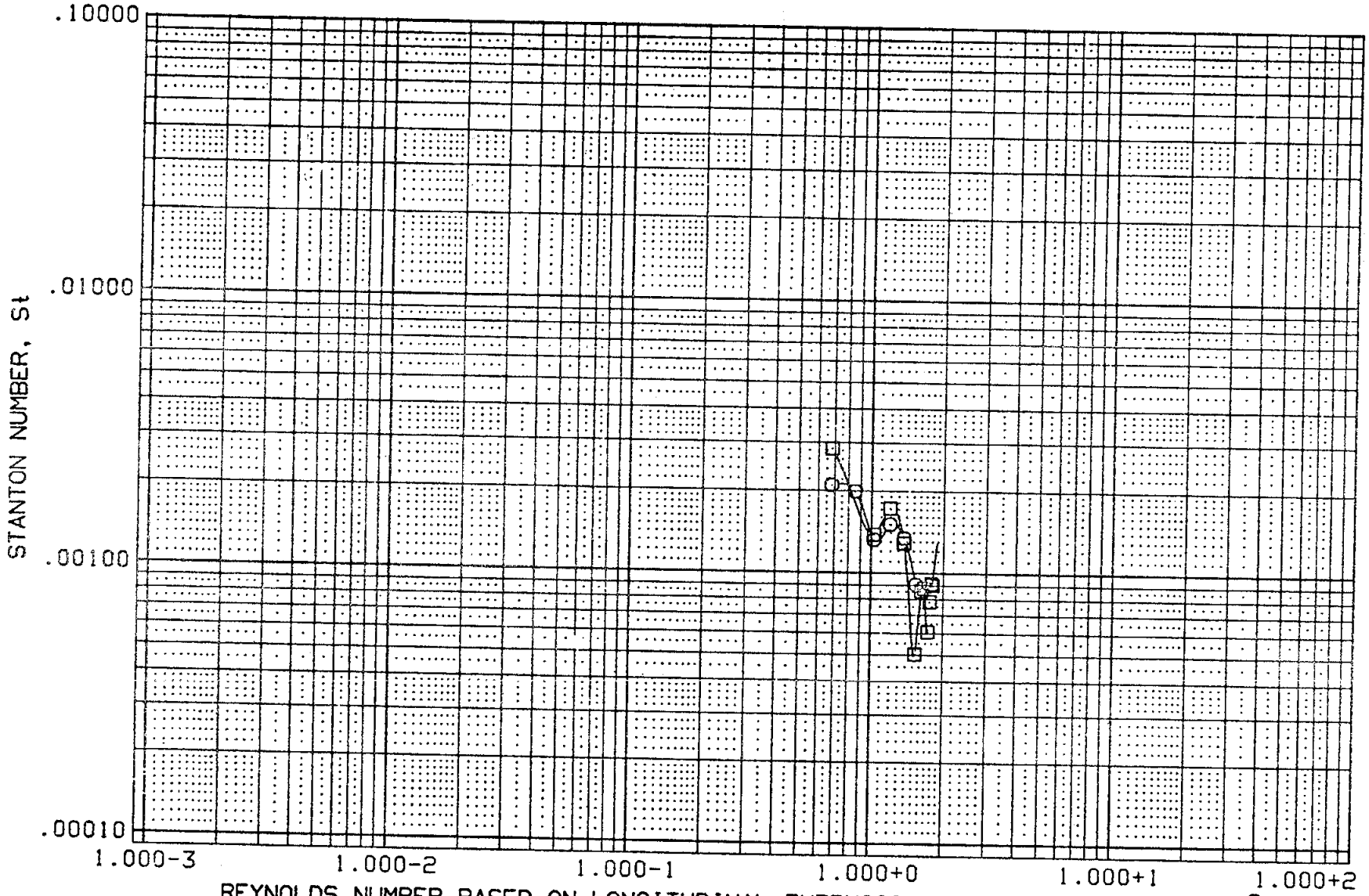

FIGURE 5 FUSELAGE LOWER SURFACE (ALPHA = 20, RE/FT = 1.0X10+6)

(BE251D) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.892	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	10.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

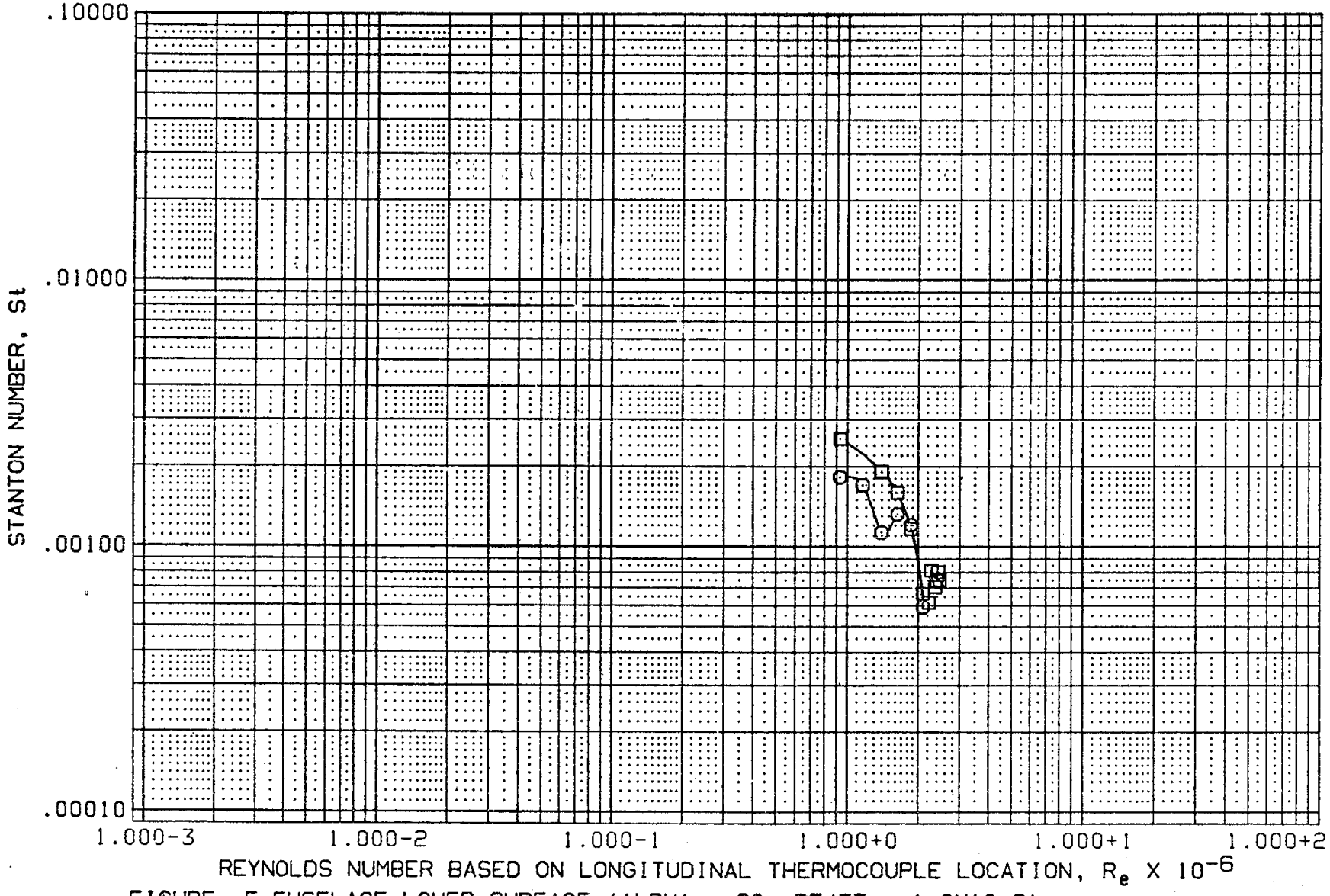

FIGURE 5 FUSELAGE LOWER SURFACE (ALPHA = 20, RE/FT = 1.0X10+6)

(BE2512) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.892	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	15.000	BDFLAP	15.000
SPDBRK	.000	RN/L	1.000

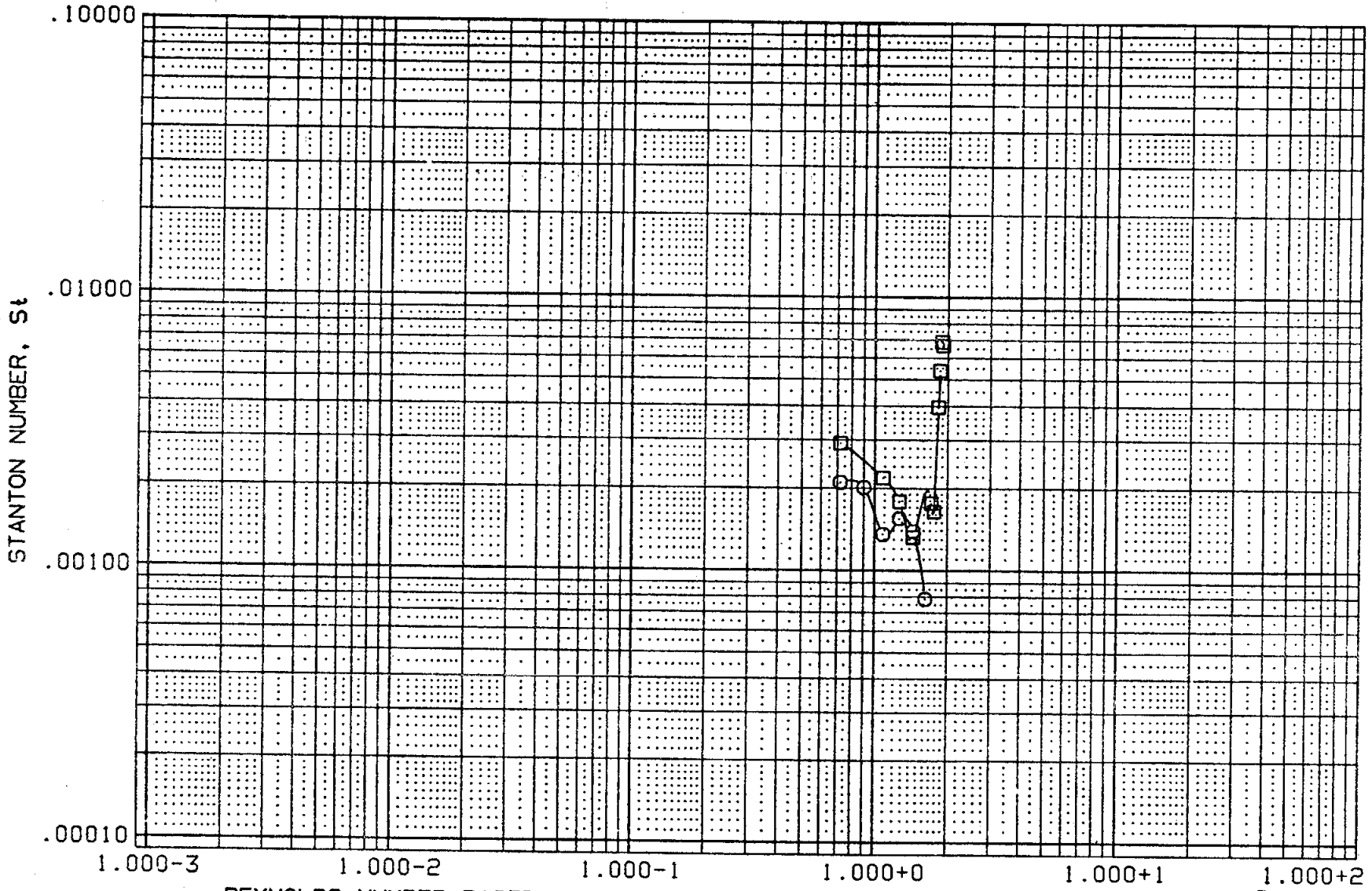

FIGURE 5 FUSELAGE LOWER SURFACE (ALPHA = 20, RE/FT = 1.0X10+6)

(CE2315) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.892	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	..000	RN/L	1.000

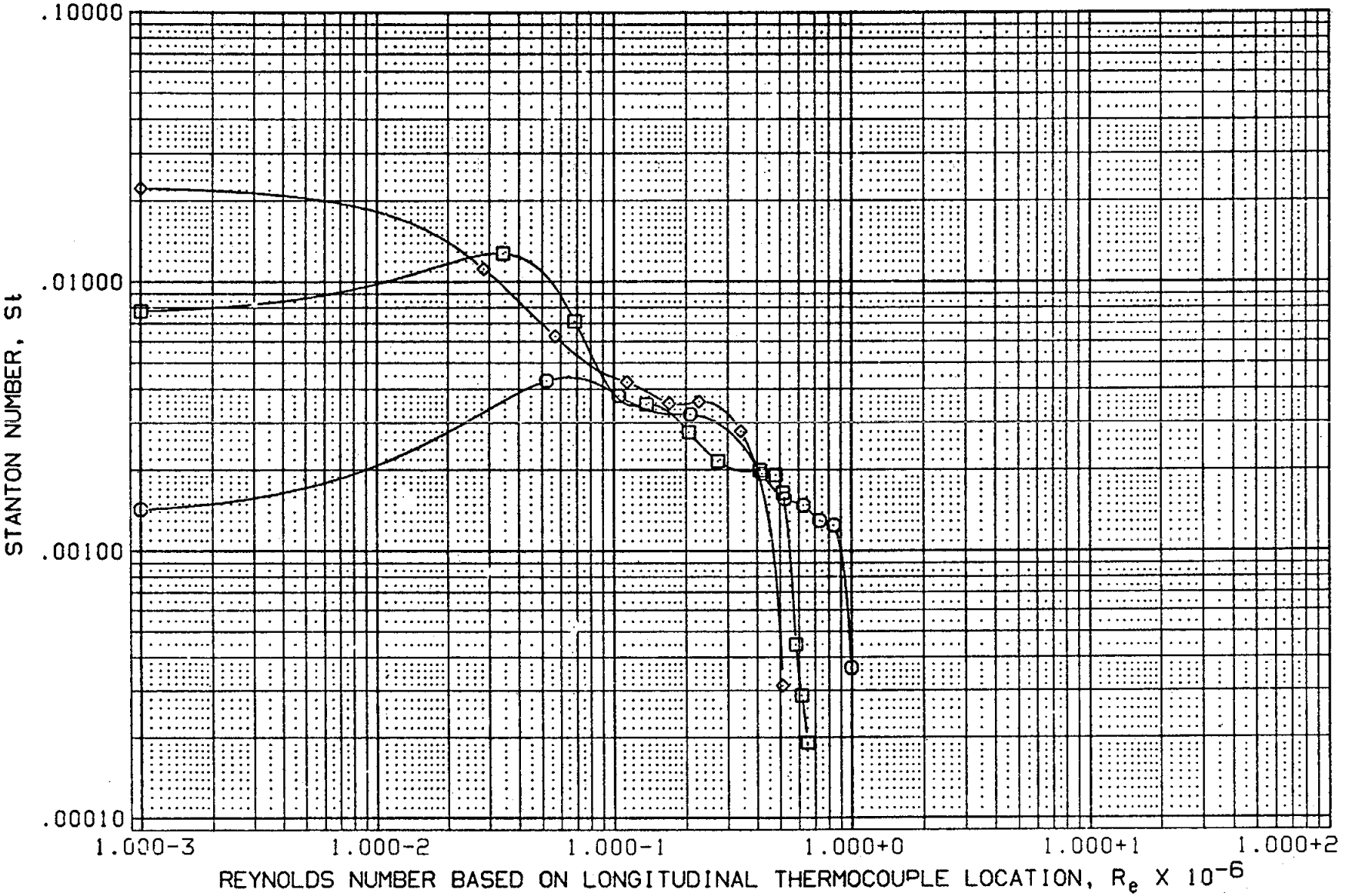

FIGURE 6 WING LOWER SURFACE (ALPHA = 20, RE/FT = 1.0X10+6)

(CE2415) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.892	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

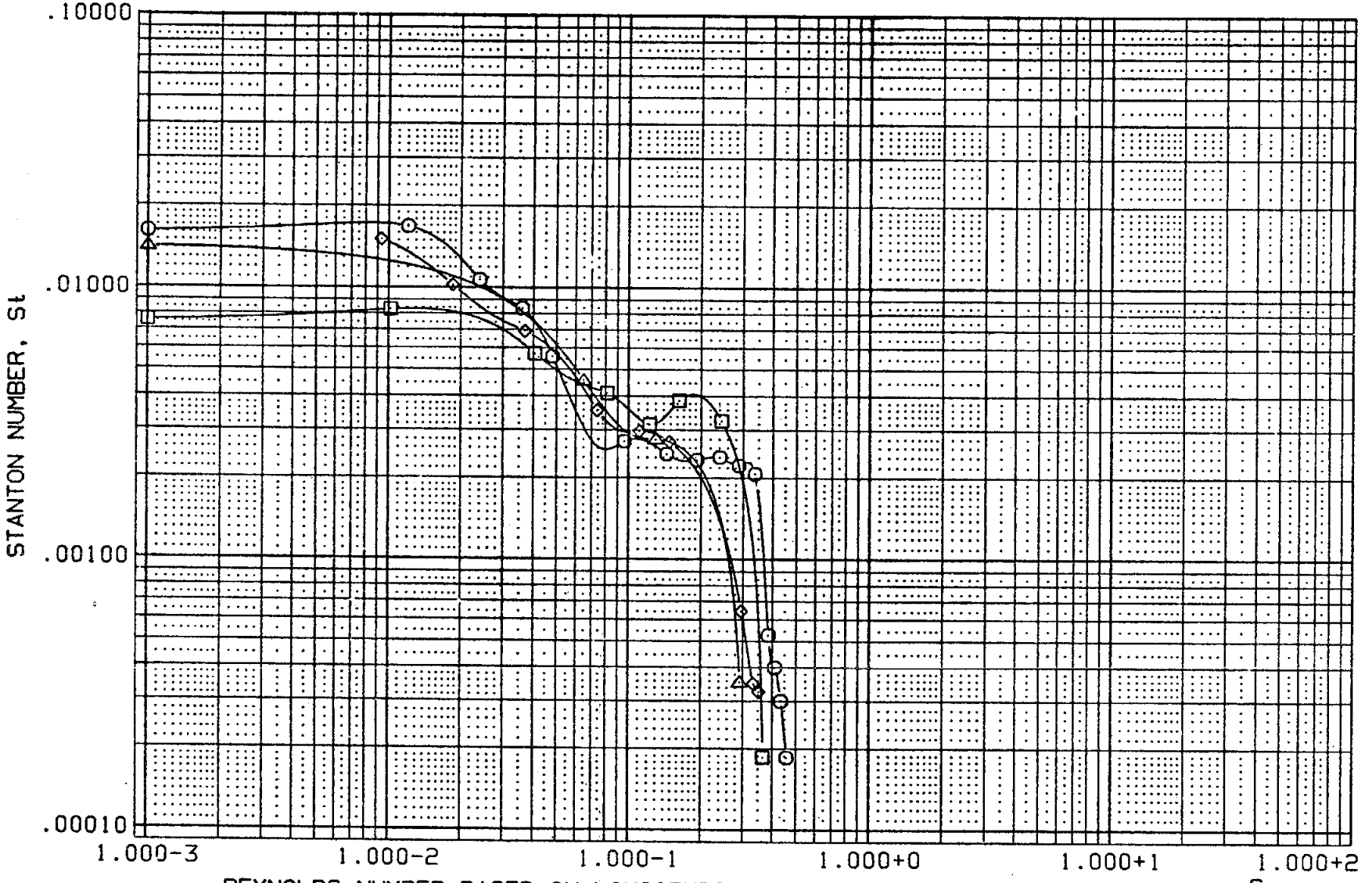

FIGURE 6 WING LOWER SURFACE (ALPHA = 20, RE/FT = 1.0X10+6)

(CE2415) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.892	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

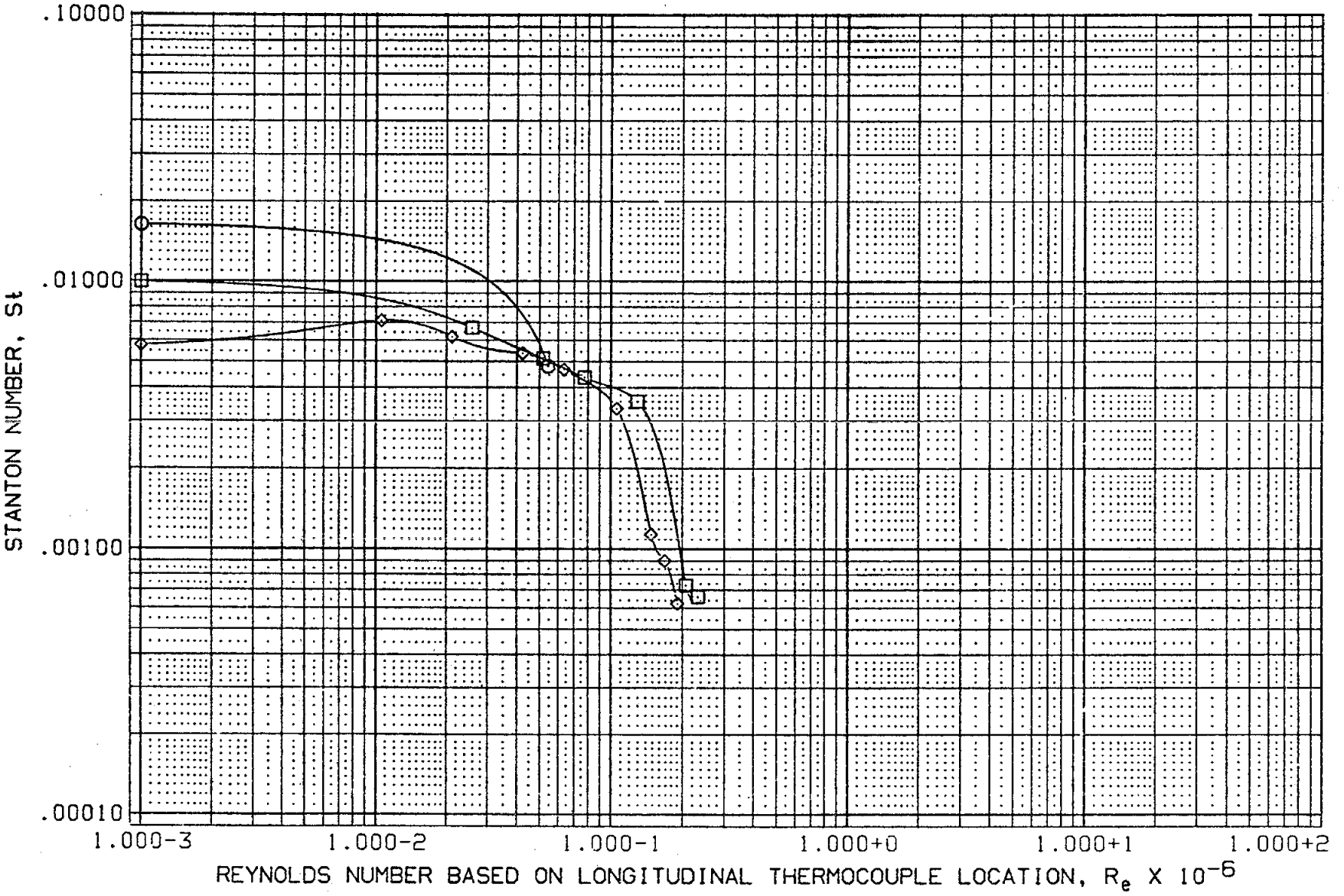

FIGURE 6 WING LOWER SURFACE (ALPHA = 20, RE/FT = 1.0X10+6)

(CE2306) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.892	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	1.000

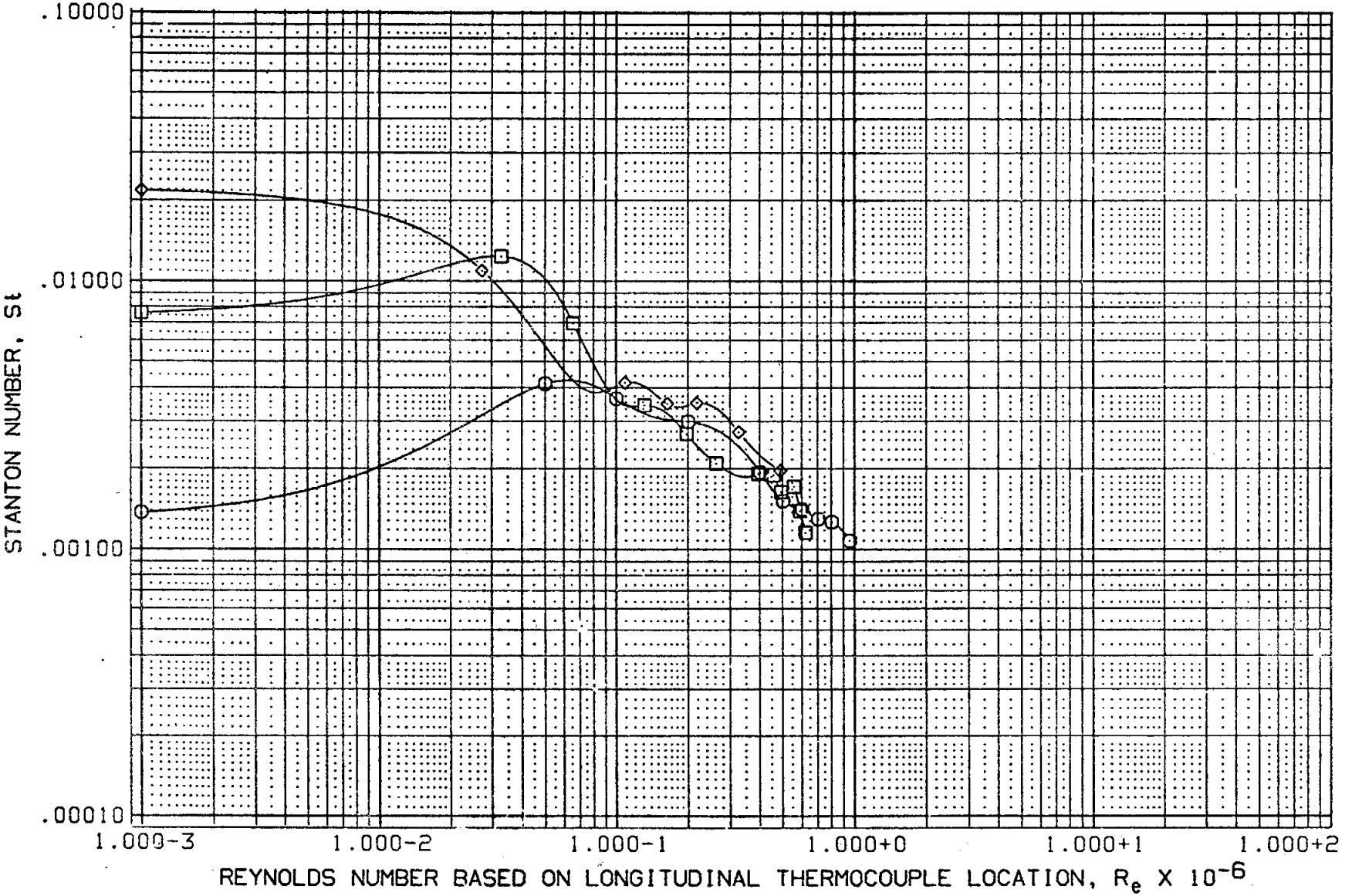

FIGURE 6 WING LOWER SURFACE (ALPHA = 20, RE/FT = 1.0X10+6)

(CE2406) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.892	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	1.000

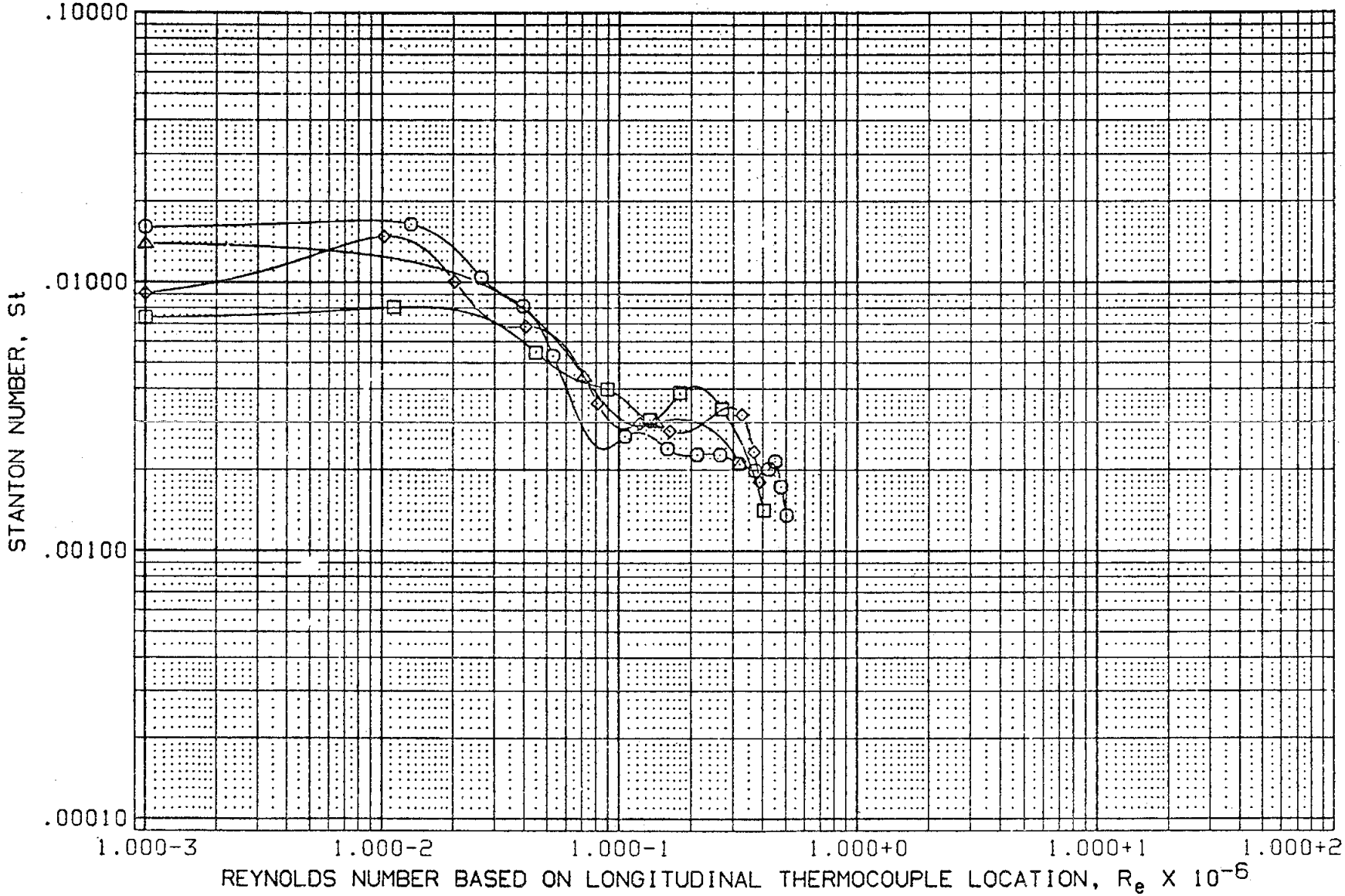

FIGURE 6 WING LOWER SURFACE (ALPHA = 20, RE/FT = 1.0X10+6)

(CE2406) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.892	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	1.000

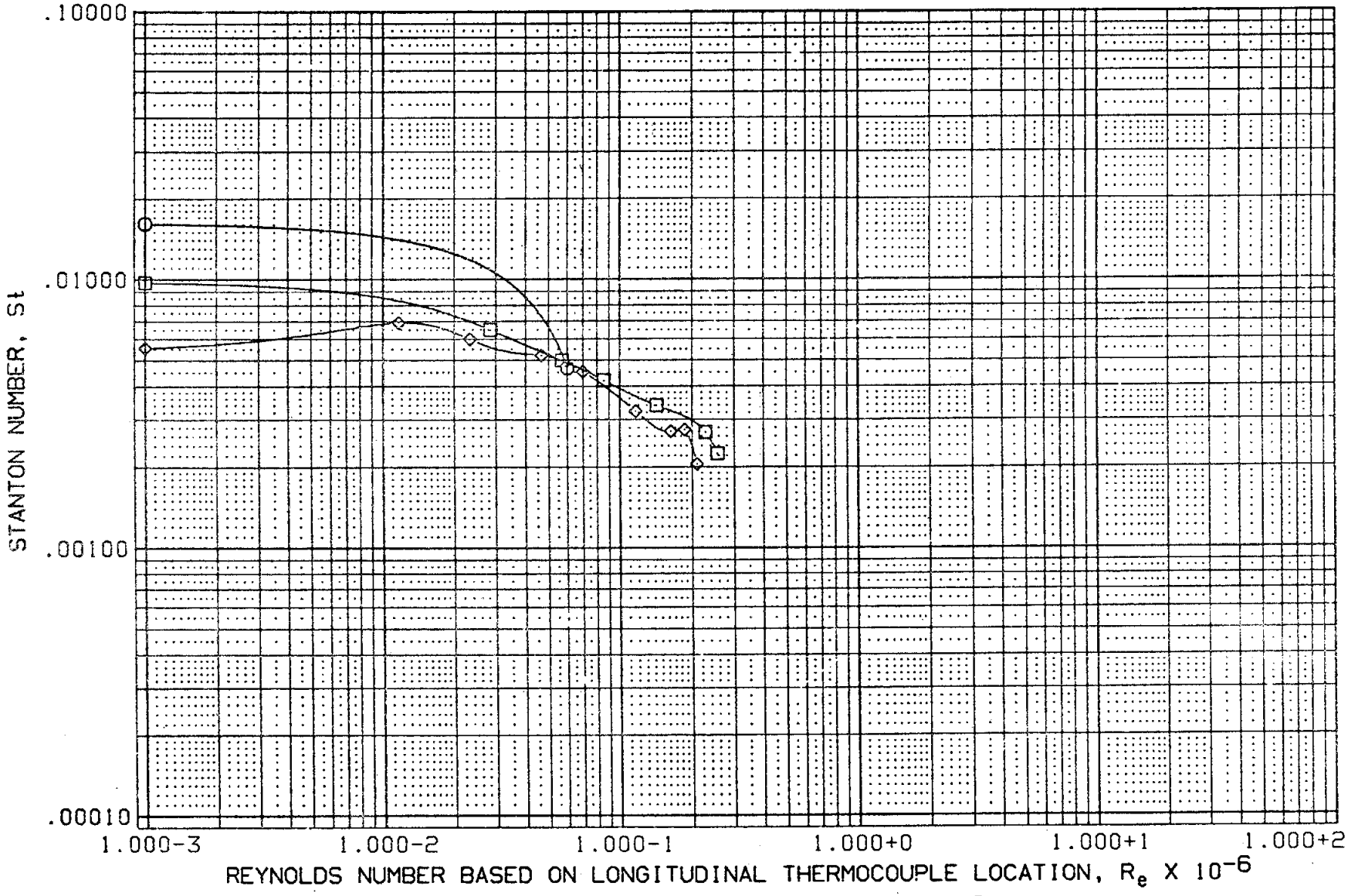

FIGURE 6 WING LOWER SURFACE (ALPHA = 20, RE/FT = 1.0X10+6)

(CE2310) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.892	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	10.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

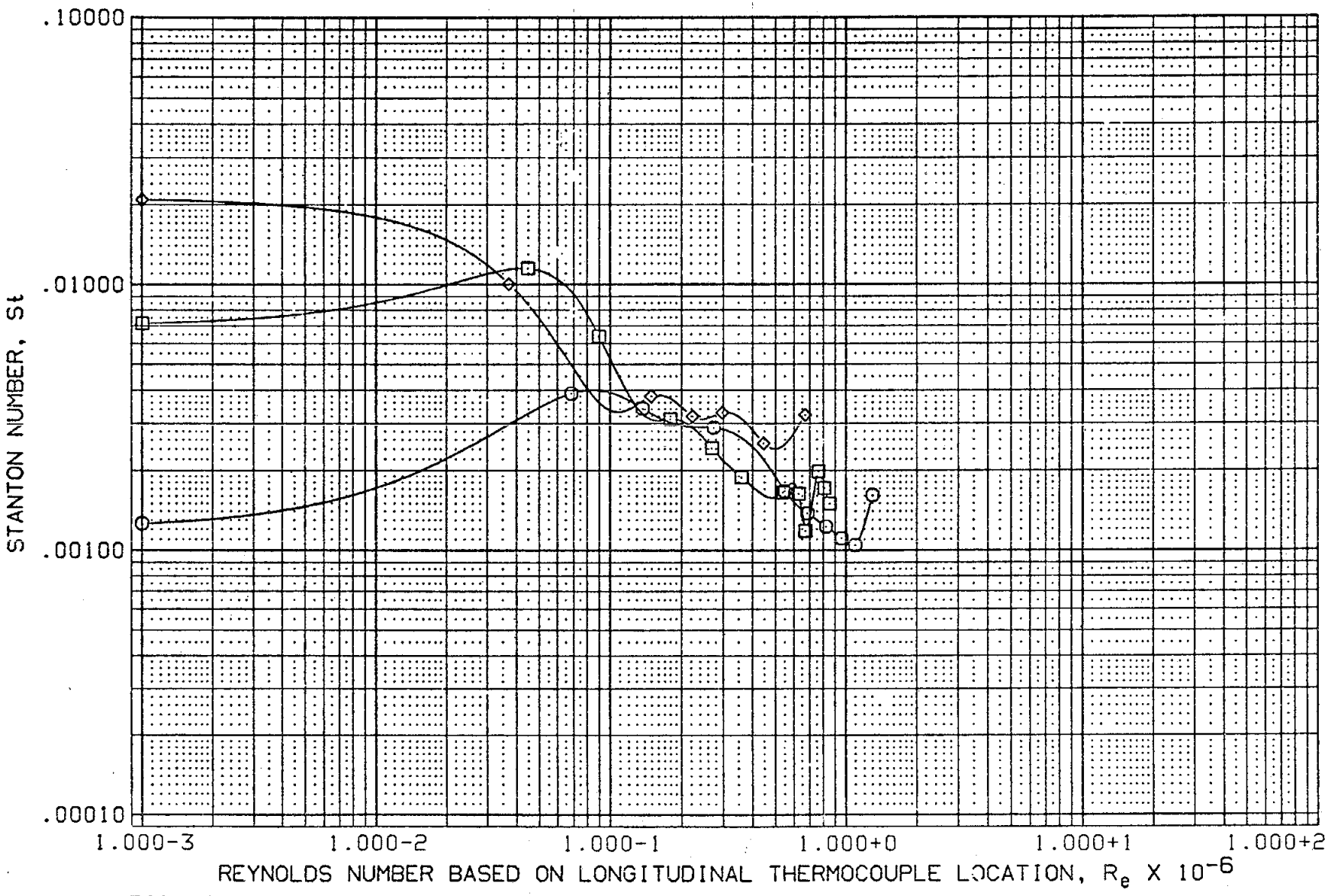

FIGURE 6 WING LOWER SURFACE (ALPHA = 20, RE/FT = 1.0X10+6)

(CE2410) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.892	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	10.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

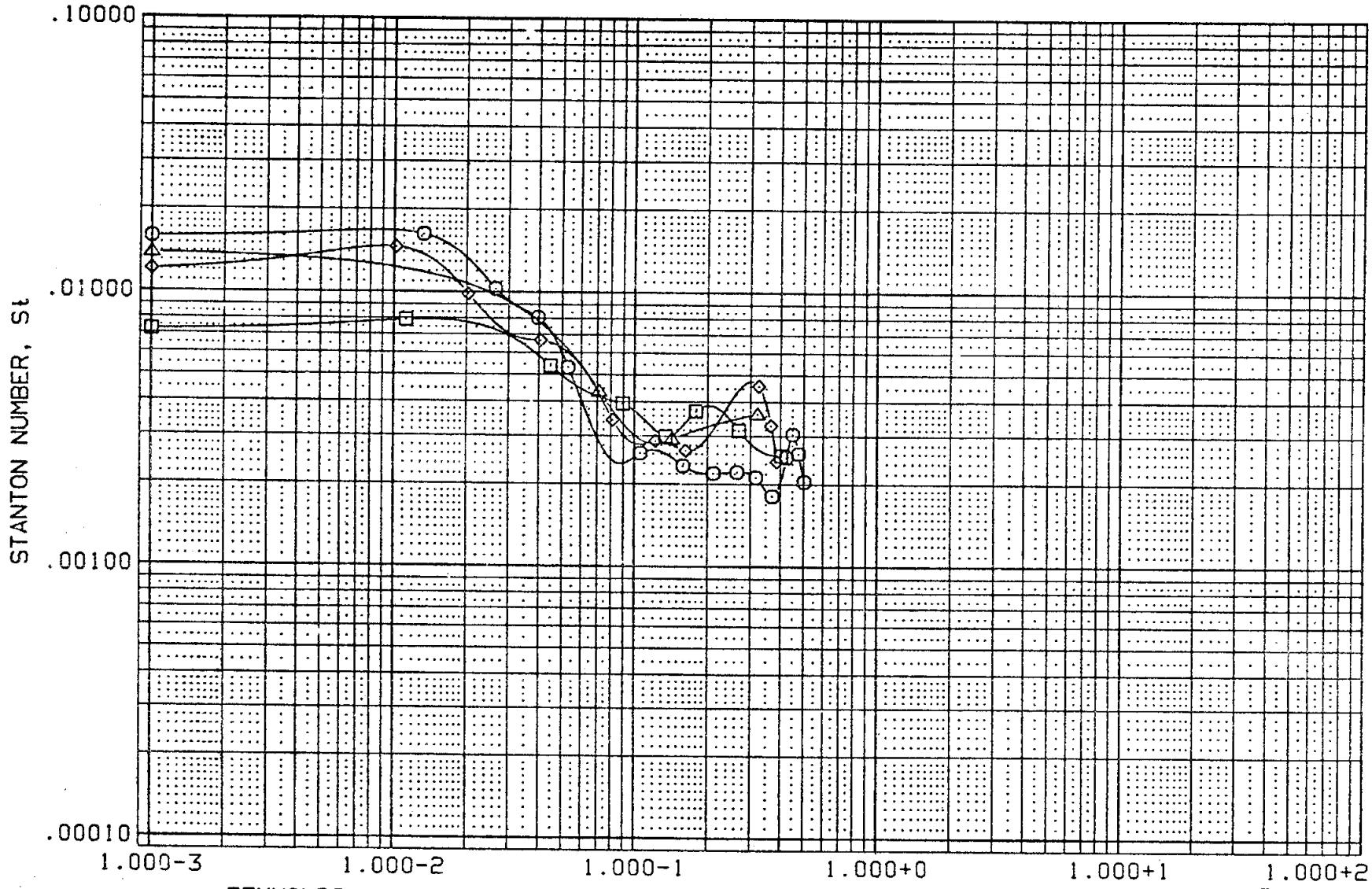

FIGURE 6 WING LOWER SURFACE (ALPHA = 20, RE/FT = 1.0X10+6)

(CE2410) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.892	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	10.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

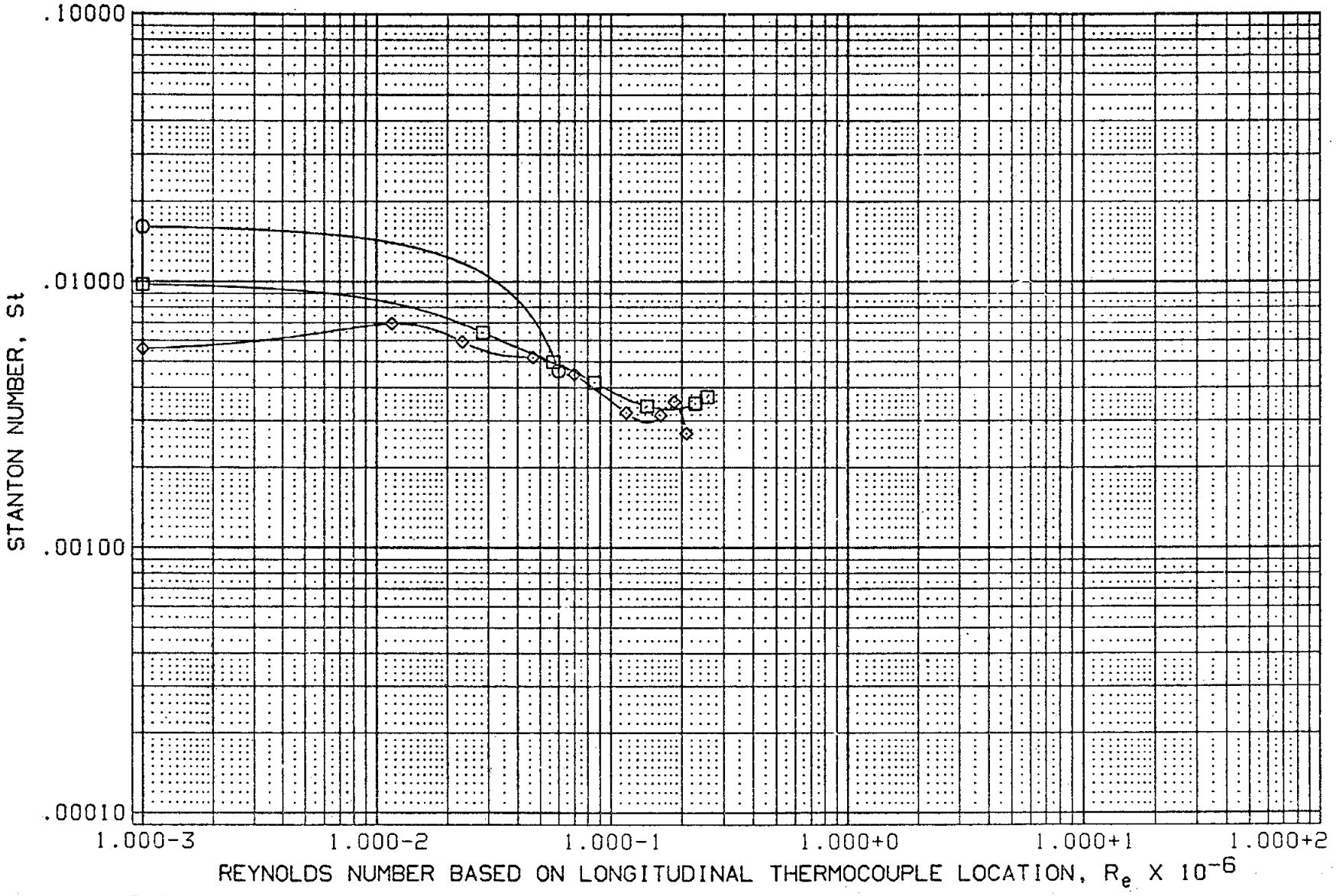

FIGURE 6 WING LOWER SURFACE (ALPHA = 20, RE/FT = 1.0X10+6)

(CE2312) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.892	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	15.000	BDFLAP	15.000
SPDBRK	.000	RN/L	1.000

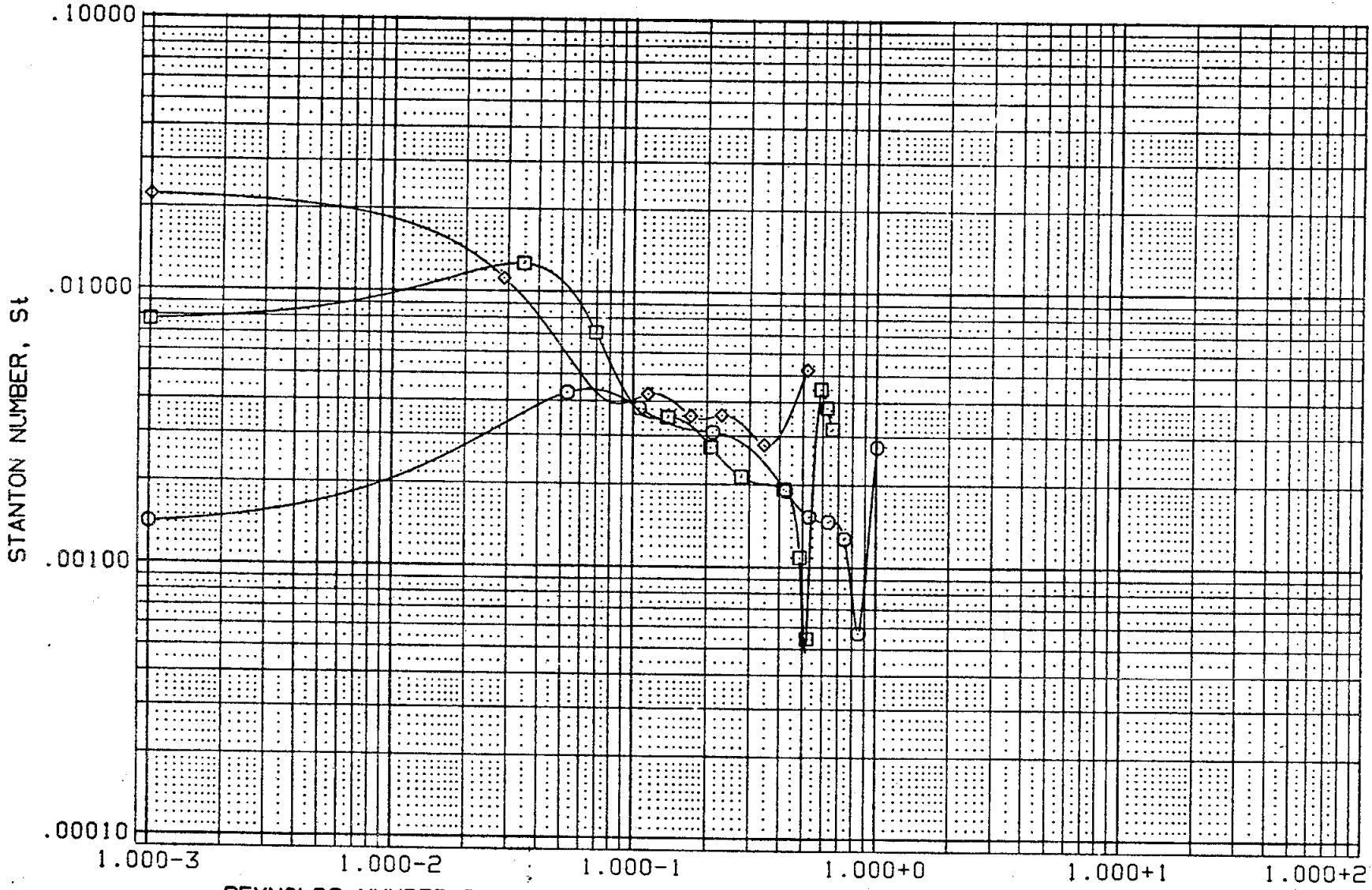

FIGURE 6 WING LOWER SURFACE (ALPHA = 20, RE/FT = 1.0X10+6)

(CE2412) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.892	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	15.000	BDFLAP	15.000
SPDBRK	.000	RN/L	1.000

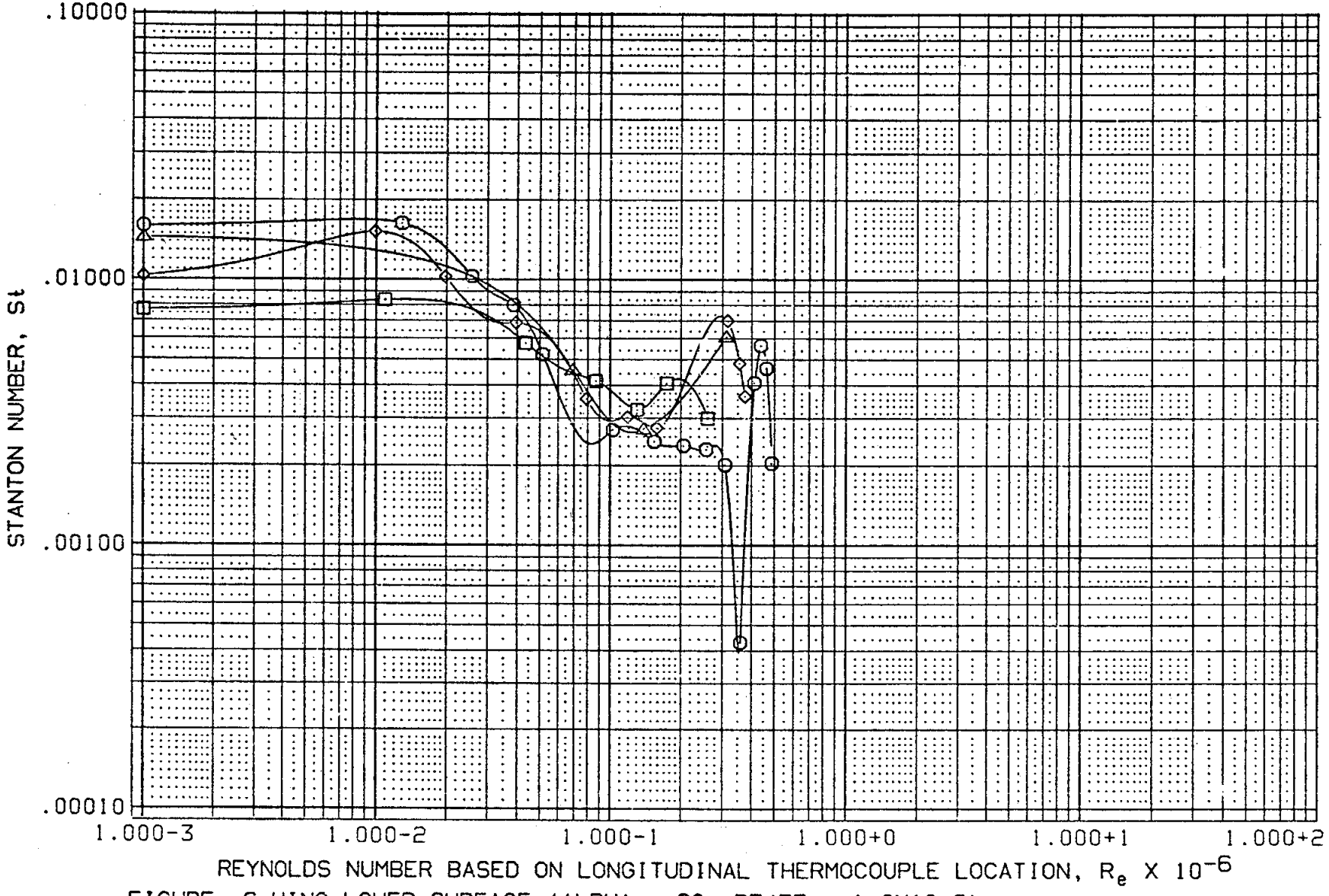

FIGURE 6 WING LOWER SURFACE (ALPHA = 20, RE/FT = 1.0X10+6)

(CE2412) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.892	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	15.000	BDFLAP	15.000
SPDBRK	.000	RN/L	1.000

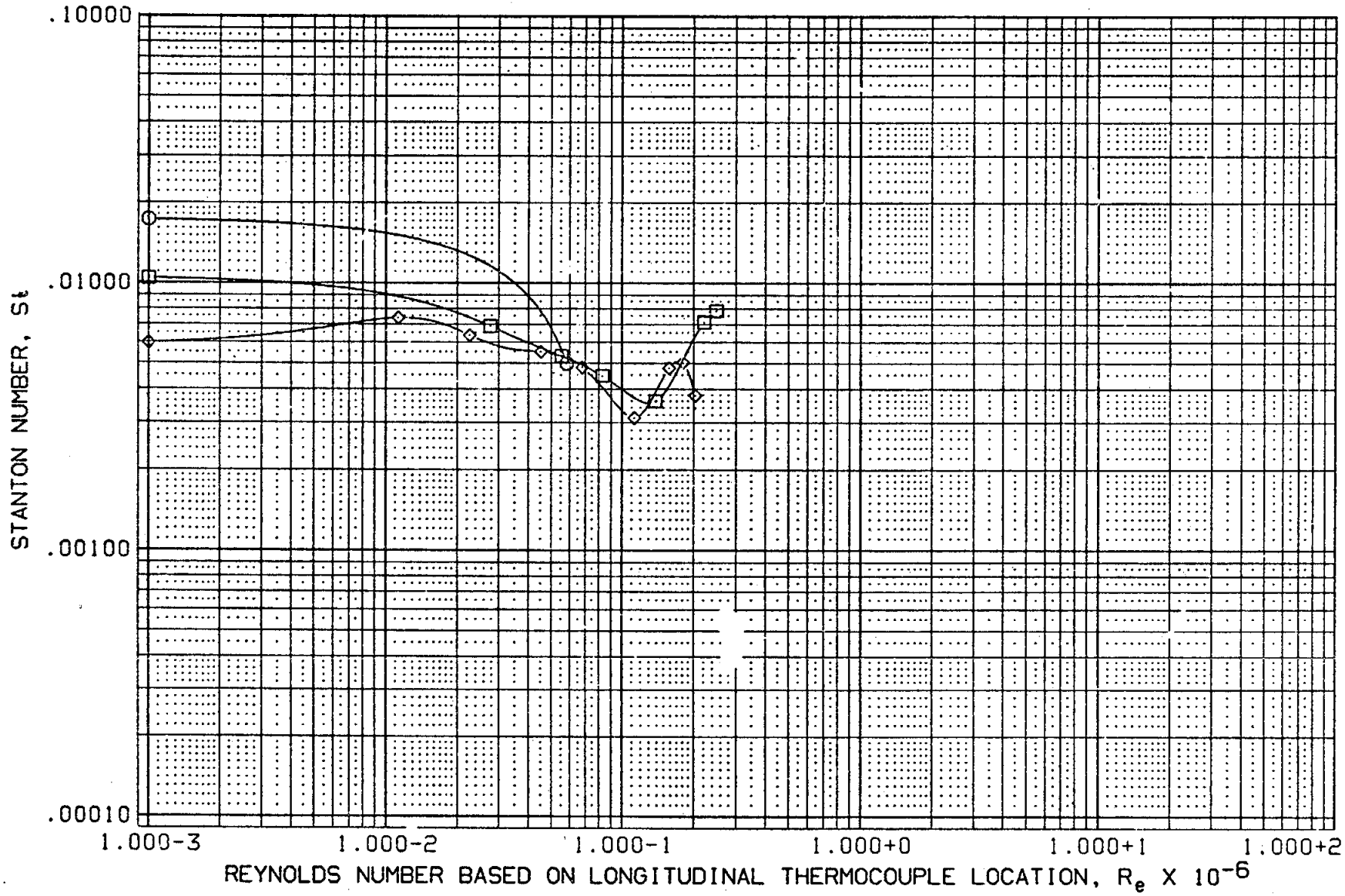

FIGURE 6 WING LOWER SURFACE (ALPHA = 20, RE/FT = 1.0X10+6)

(BE2216) ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE

SYMBOL	PHI	HAW/HT	MACH
O	.000	.892	7.320

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

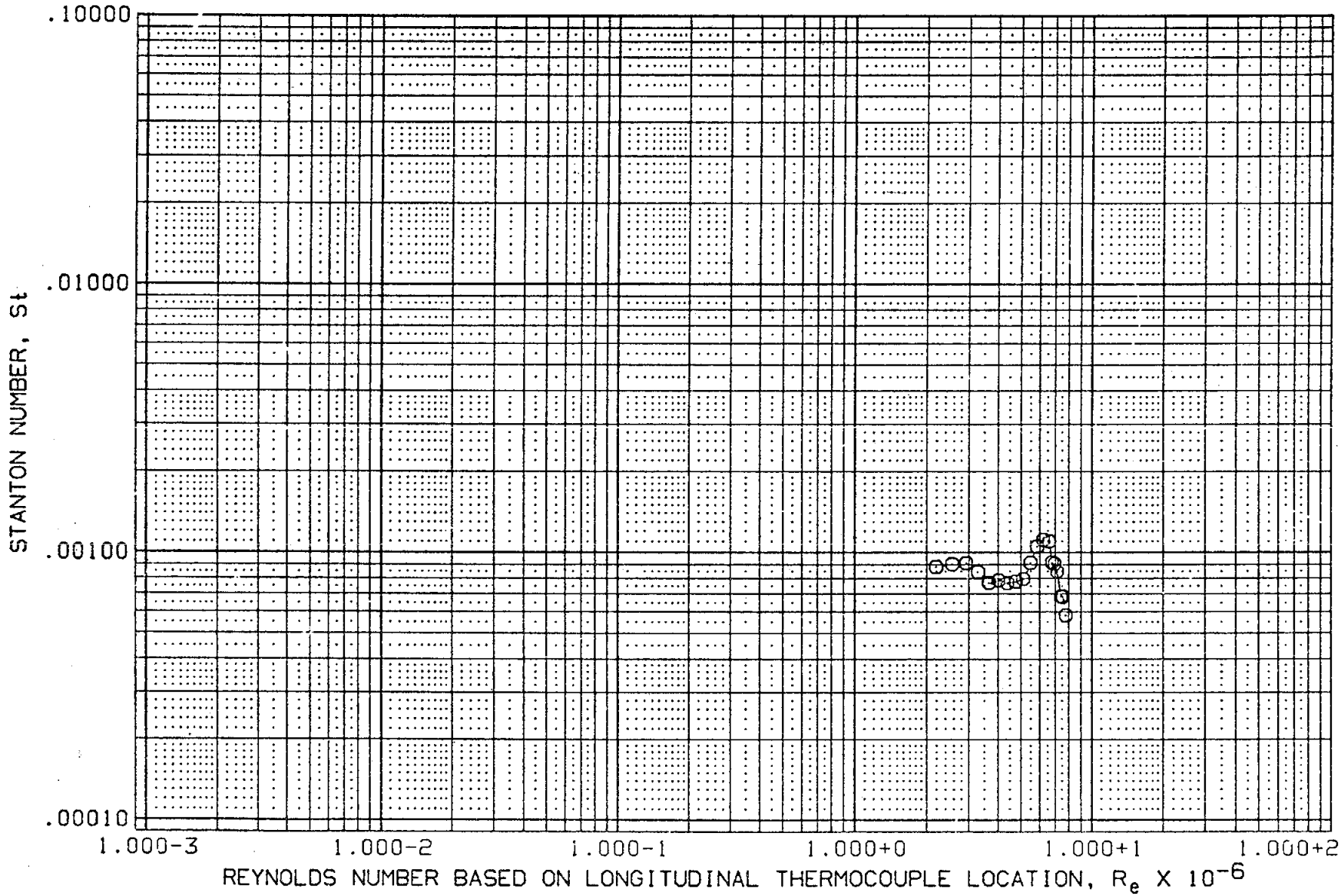

FIGURE 7 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 20, RE/FT = 3.7X10+6)

(BE2207) ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE

SYMBOL	PHI	HAW/HT	MACH
O	.000	.892	7.320

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	3.700

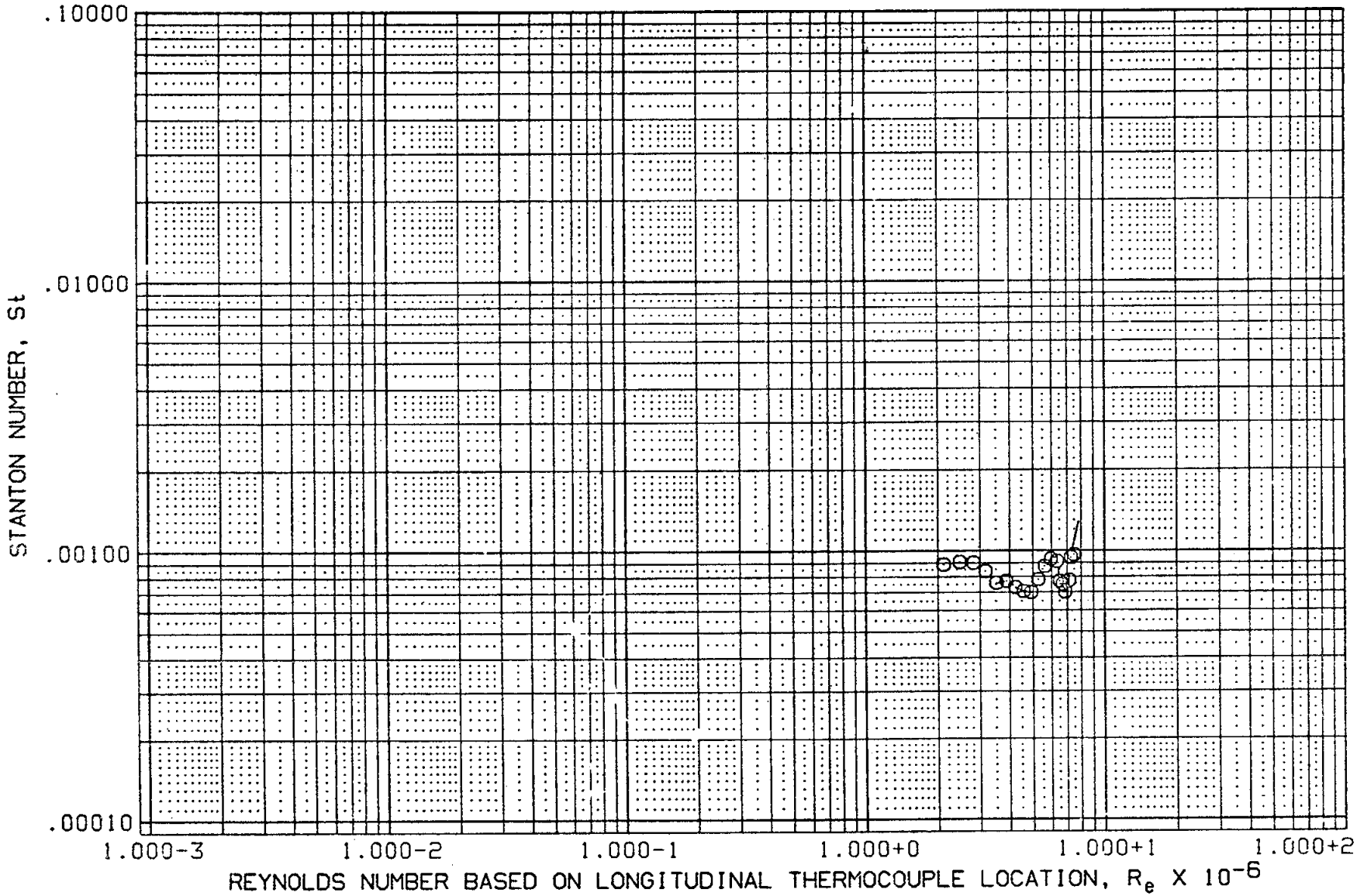

FIGURE 7 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 20, RE/FT = 3.7X10+6)

(BE2211) ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE

SYMBOL	PHI	HAW/HT	MACH
O	.000	.892	7.320

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	10.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

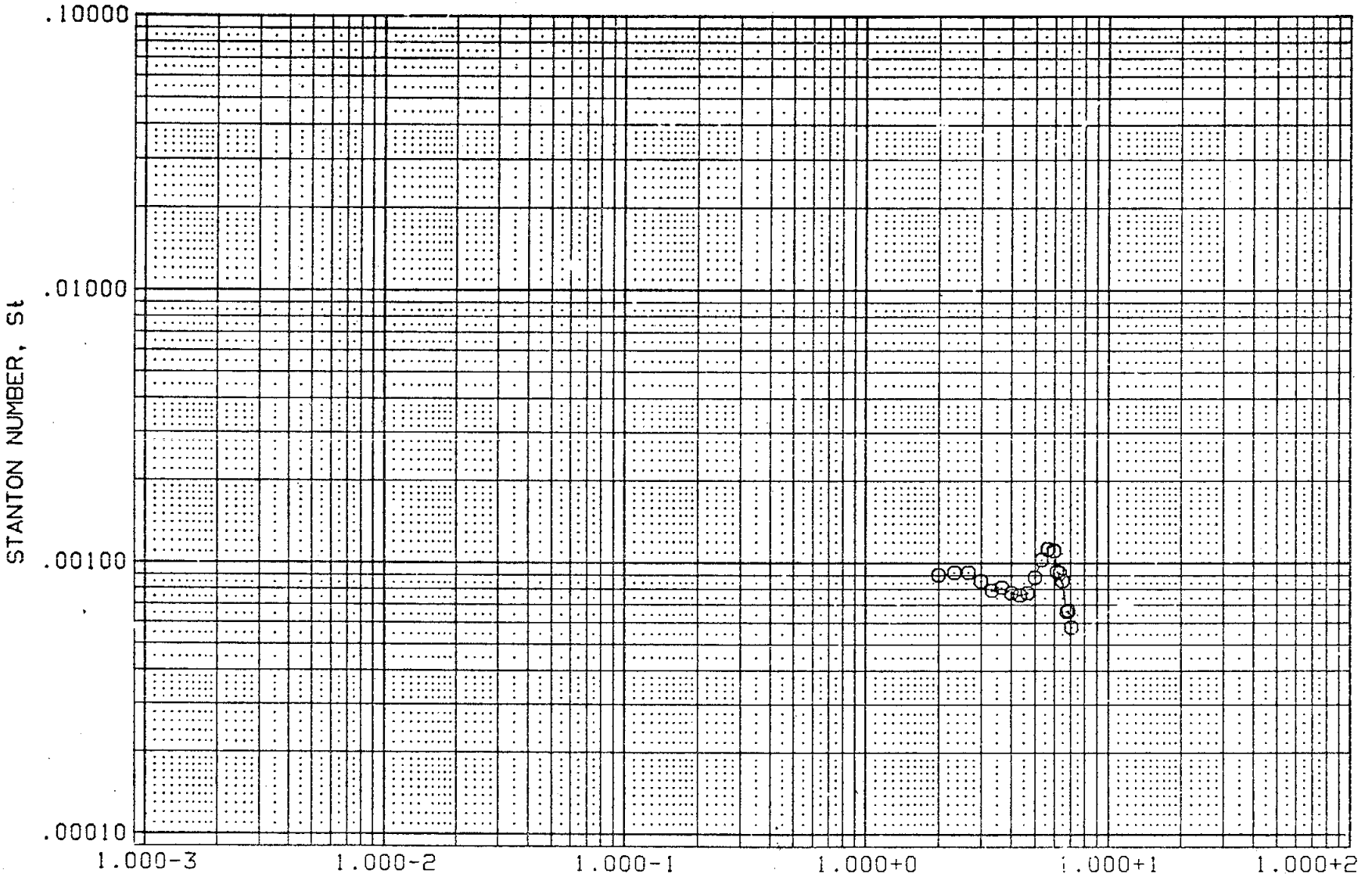

FIGURE 7 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 20, RE/FT = 3.7X10+6)

(BE2213) ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE

SYMBOL	PHI	HAW/HT	MACH
O	.000	.892	7.320

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	15.000	BDFLAP	15.000
SPDBRK	.000	RN/L	3.700

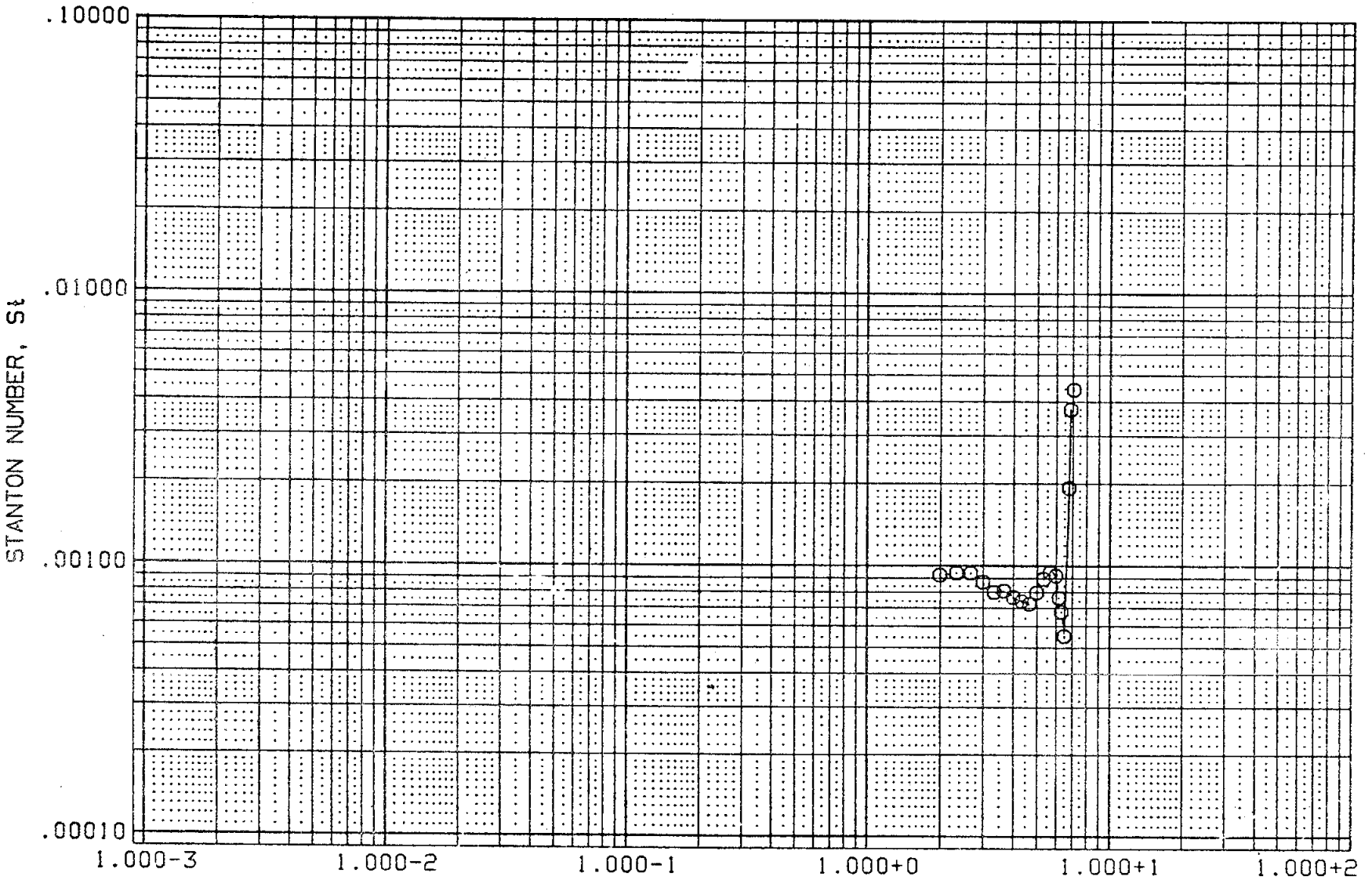

FIGURE 7 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 20, RE/FT = 3.7X10+6)

(BE2516) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.892	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

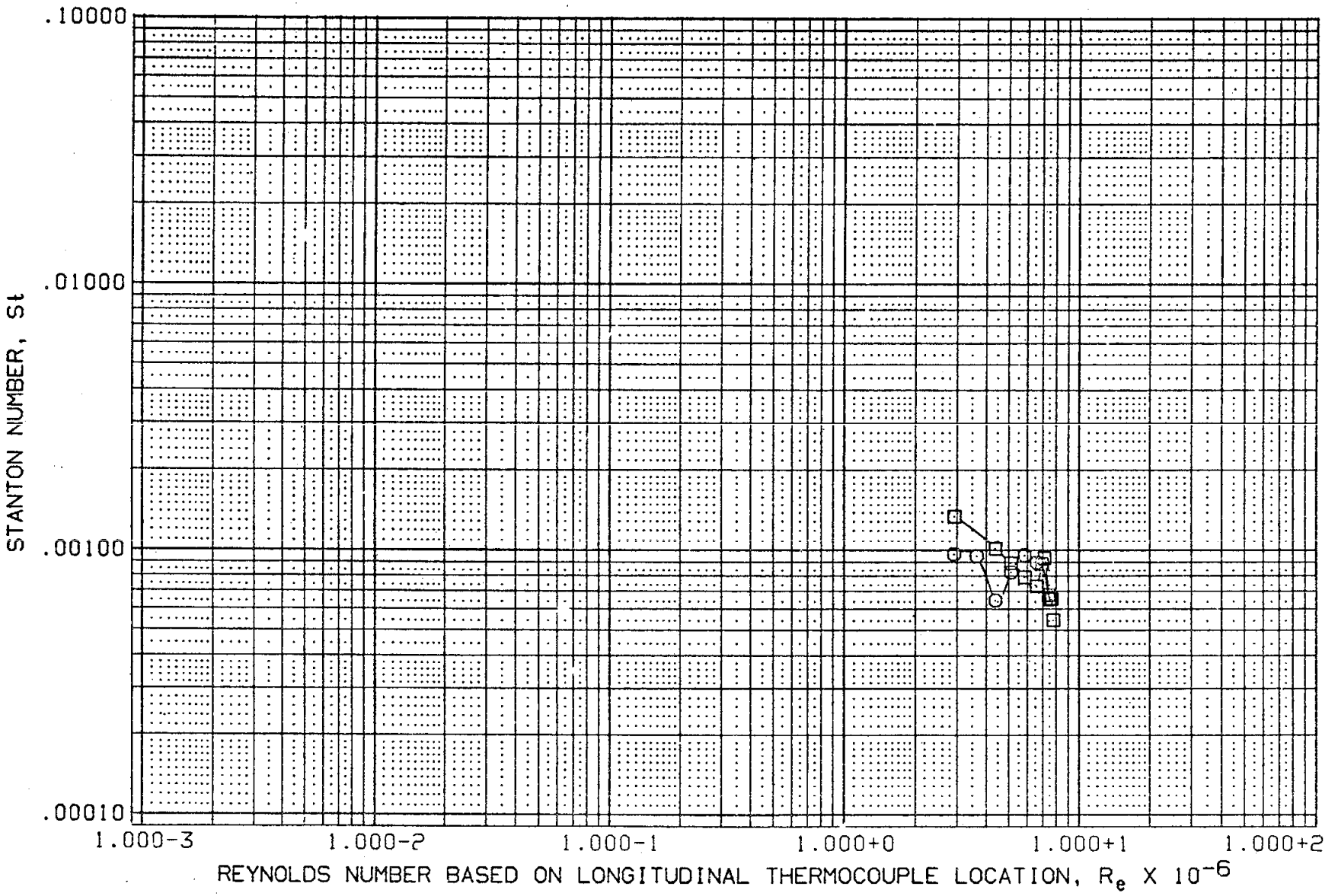

FIGURE 8 FUSELAGE LOWER SURFACE (ALPHA = 20, RE/FT = 3.7X10+6)

(BE2507) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.892	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	3.700

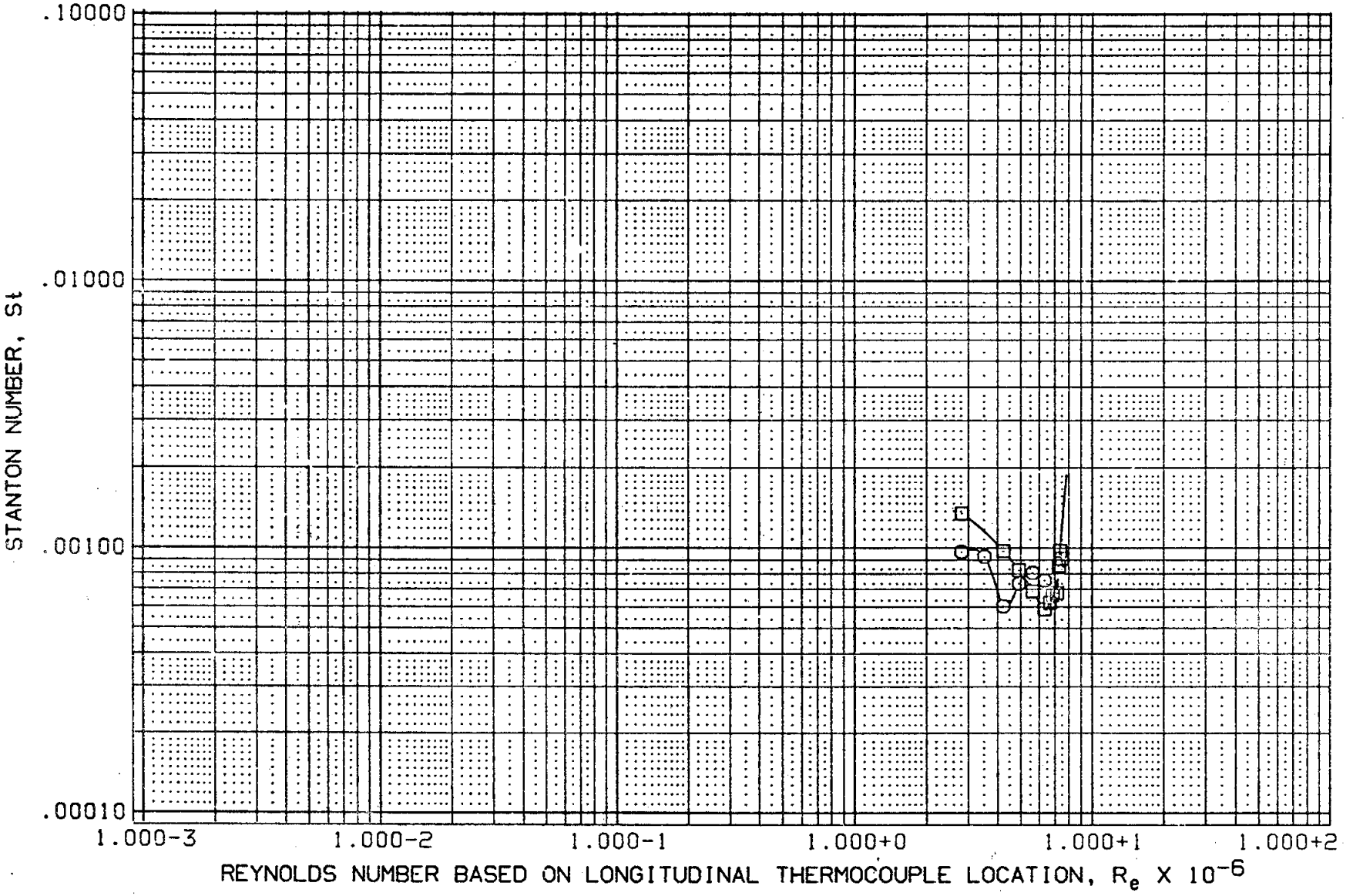

FIGURE 8 FUSELAGE LOWER SURFACE (ALPHA = 20, RE/FT = 3.7X10+6)

(LE2511) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.892	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	10.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

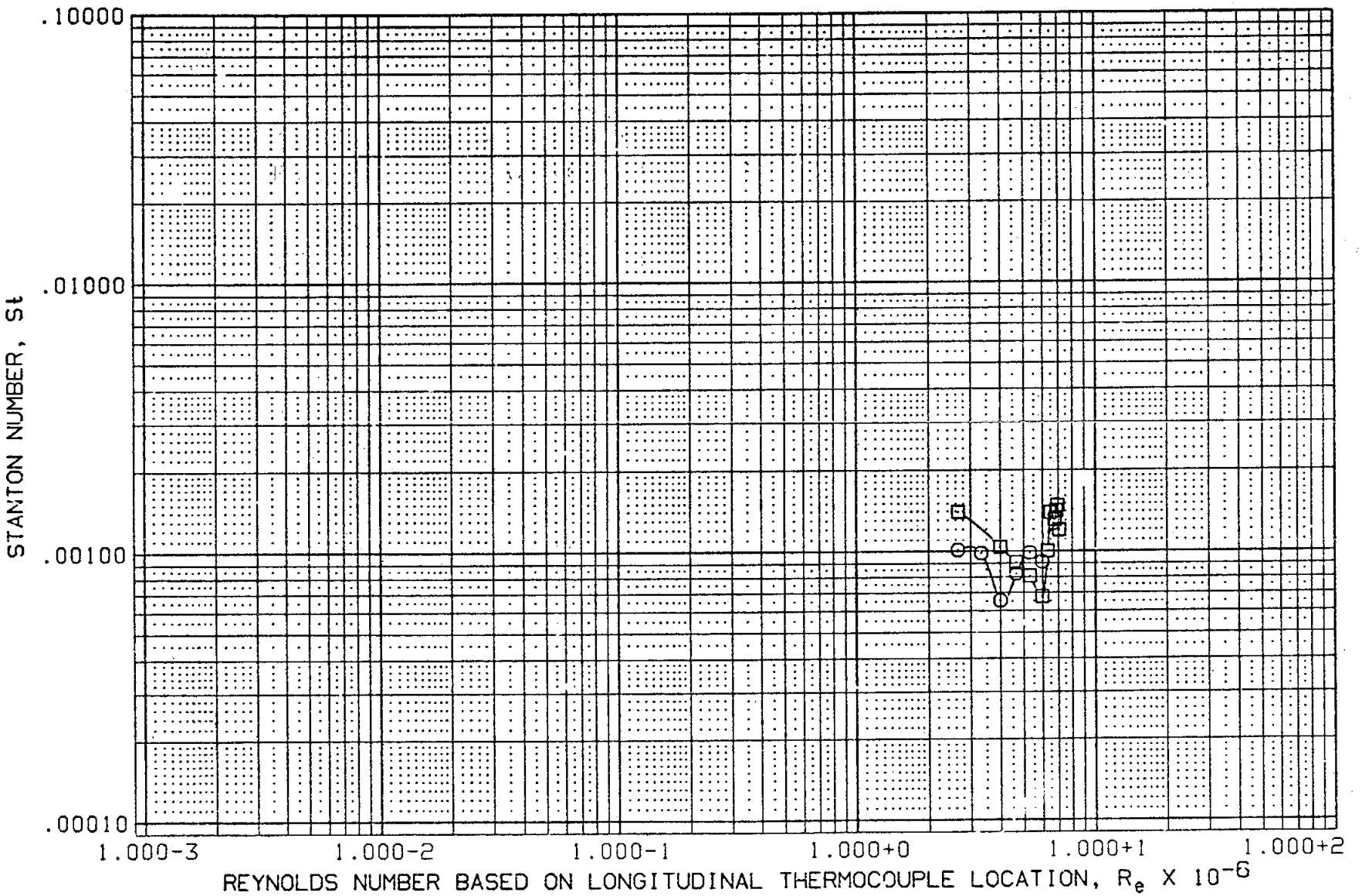

FIGURE 8 FUSELAGE LOWER SURFACE (ALPHA = 20, RE/FT = 3.7X10+6)

(BE2513) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.892	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	15.000	BDFLAP	15.000
SPDBRK	.000	RN/L	3.700

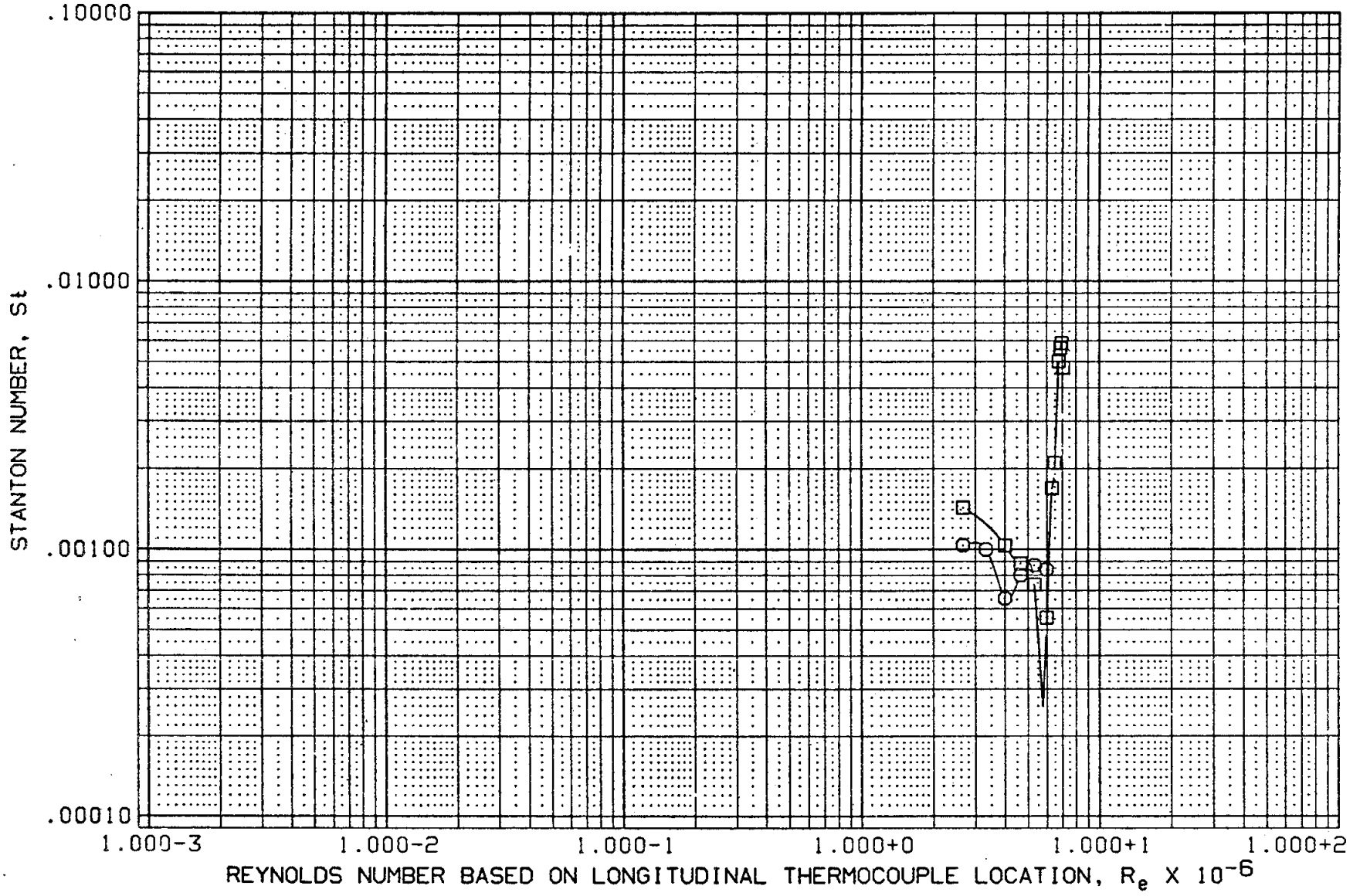

FIGURE 8 FUSELAGE LOWER SURFACE (ALPHA = 20, RE/FT = 3.7X10+6)

(CE2316) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.892	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

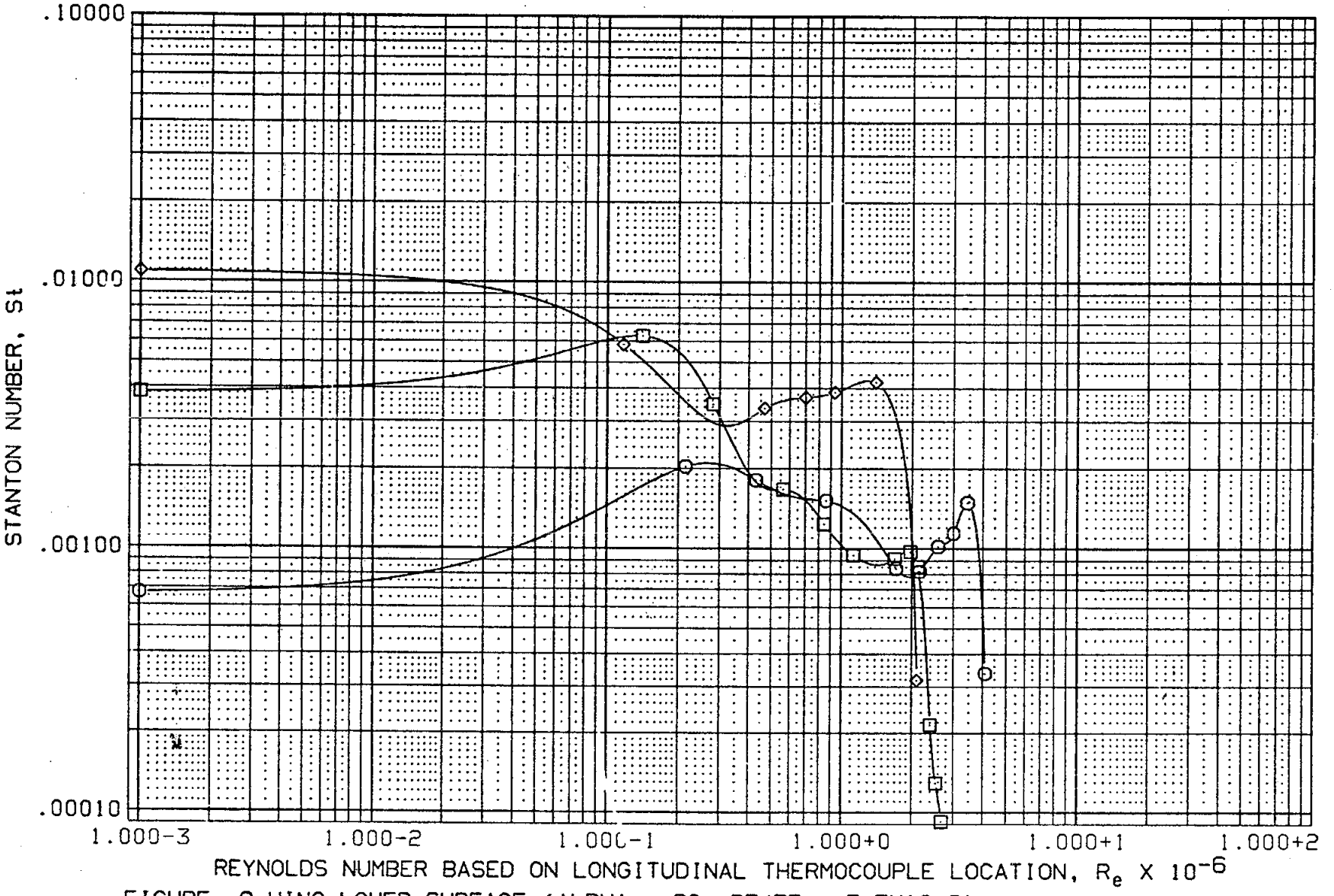

FIGURE 9 WING LOWER SURFACE (ALPHA = 20, RE/FT = 3.7X10+6)

(CE2416) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.892	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

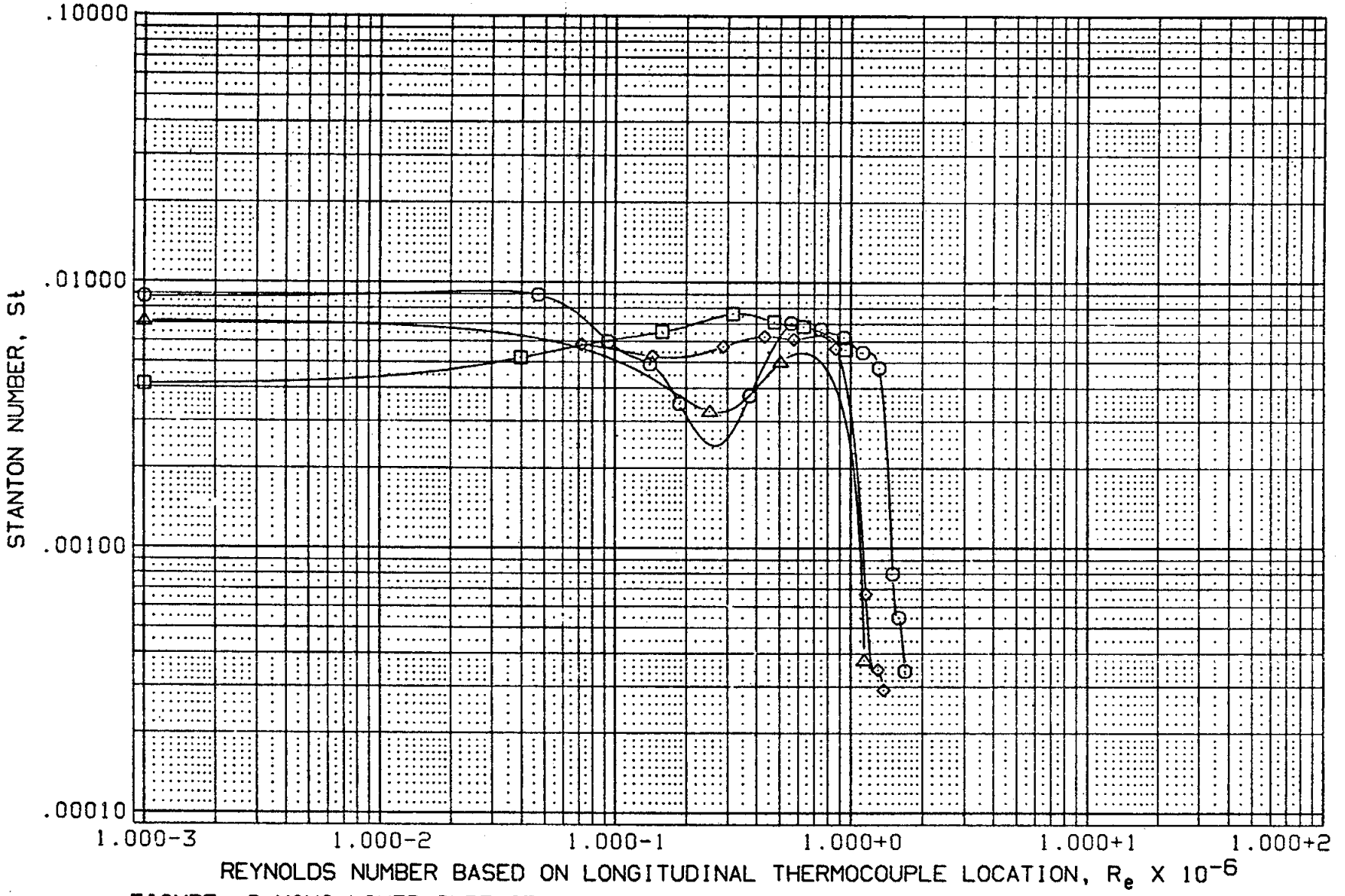

FIGURE 9 WING LOWER SURFACE (ALPHA = 20, RE/FT = 3.7X10+6)

(CE2416) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.892	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

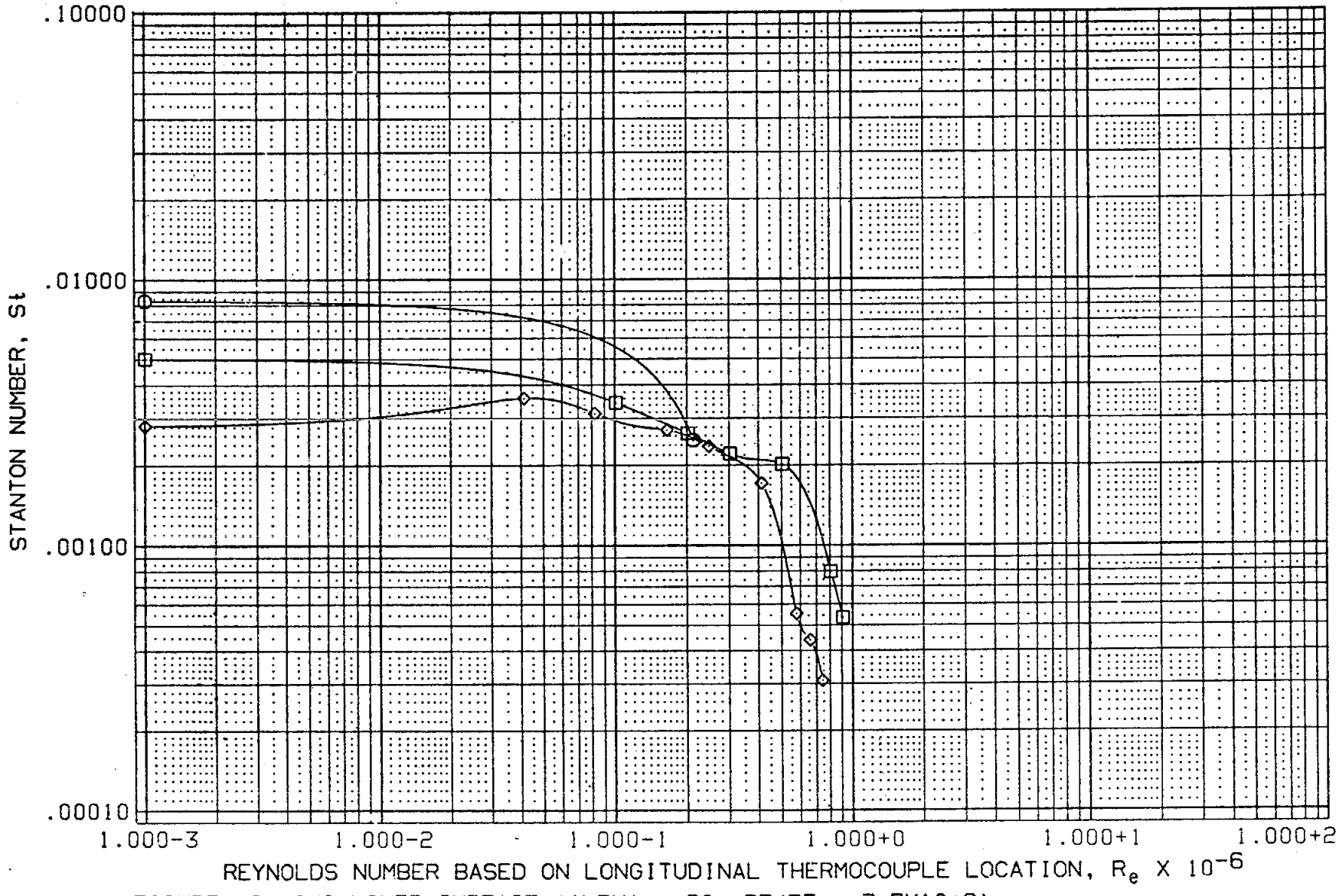

FIGURE 9 WING LOWER SURFACE (ALPHA = 20, RE/FT = 3.7X10+6)

(CE2307) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.892	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	3.700

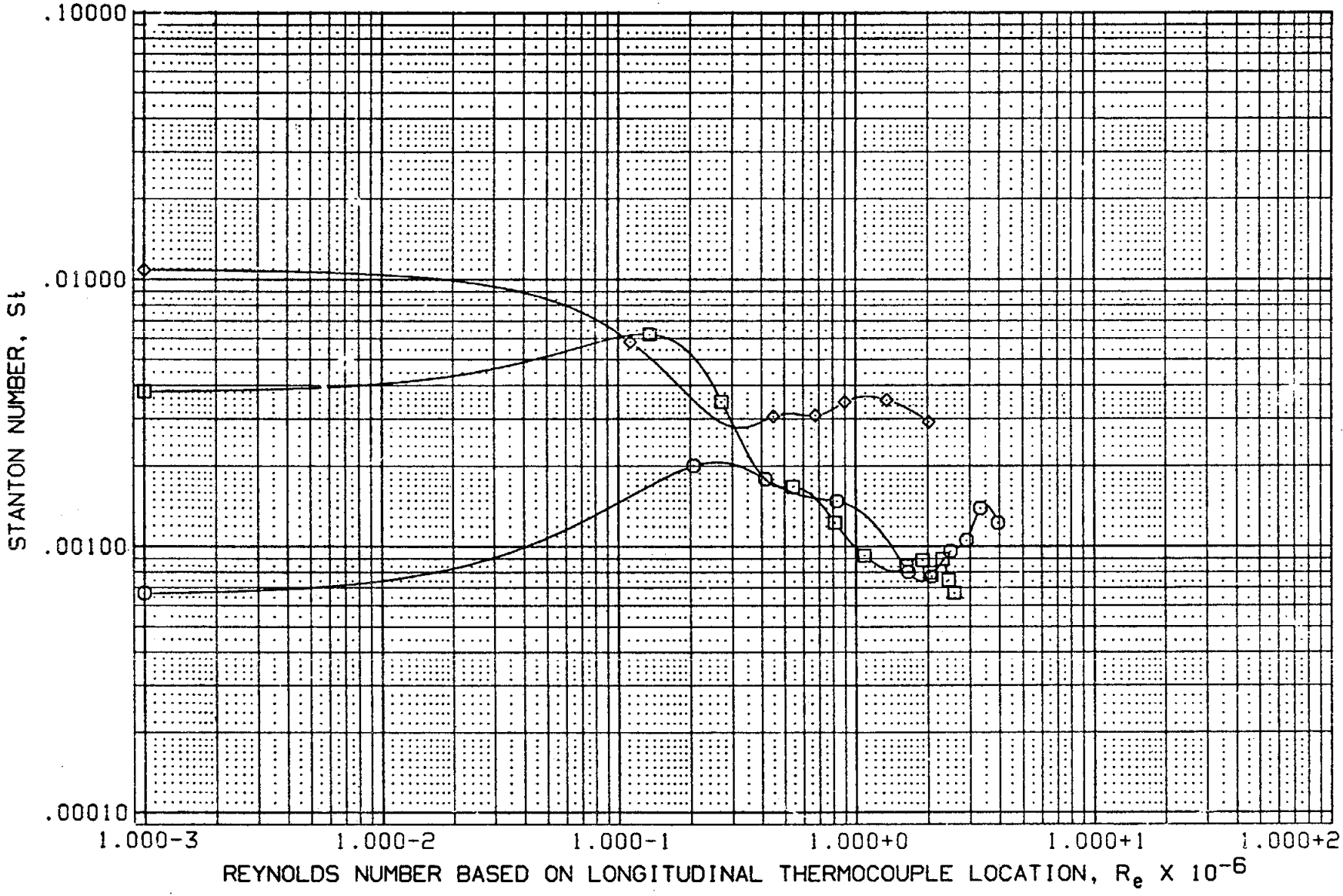

FIGURE 9 WING LOWER SURFACE (ALPHA = 20, RE/FT = 3.7X10+6)

(CE2407) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.892	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	3.700

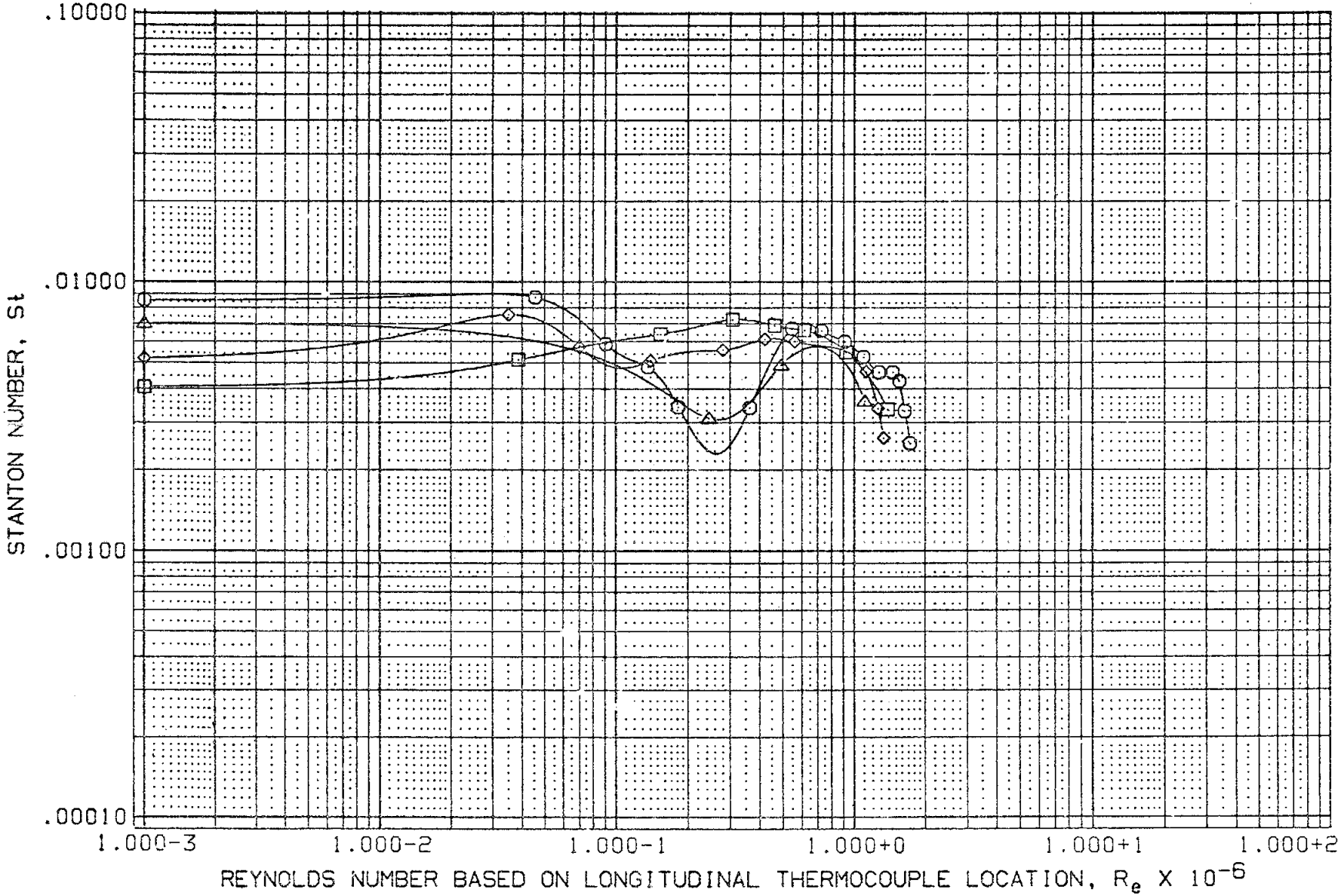

FIGURE 9 WING LOWER SURFACE (ALPHA = 20, RE/FT = 3.7X10+6)

(CE2407) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.892	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	3.700

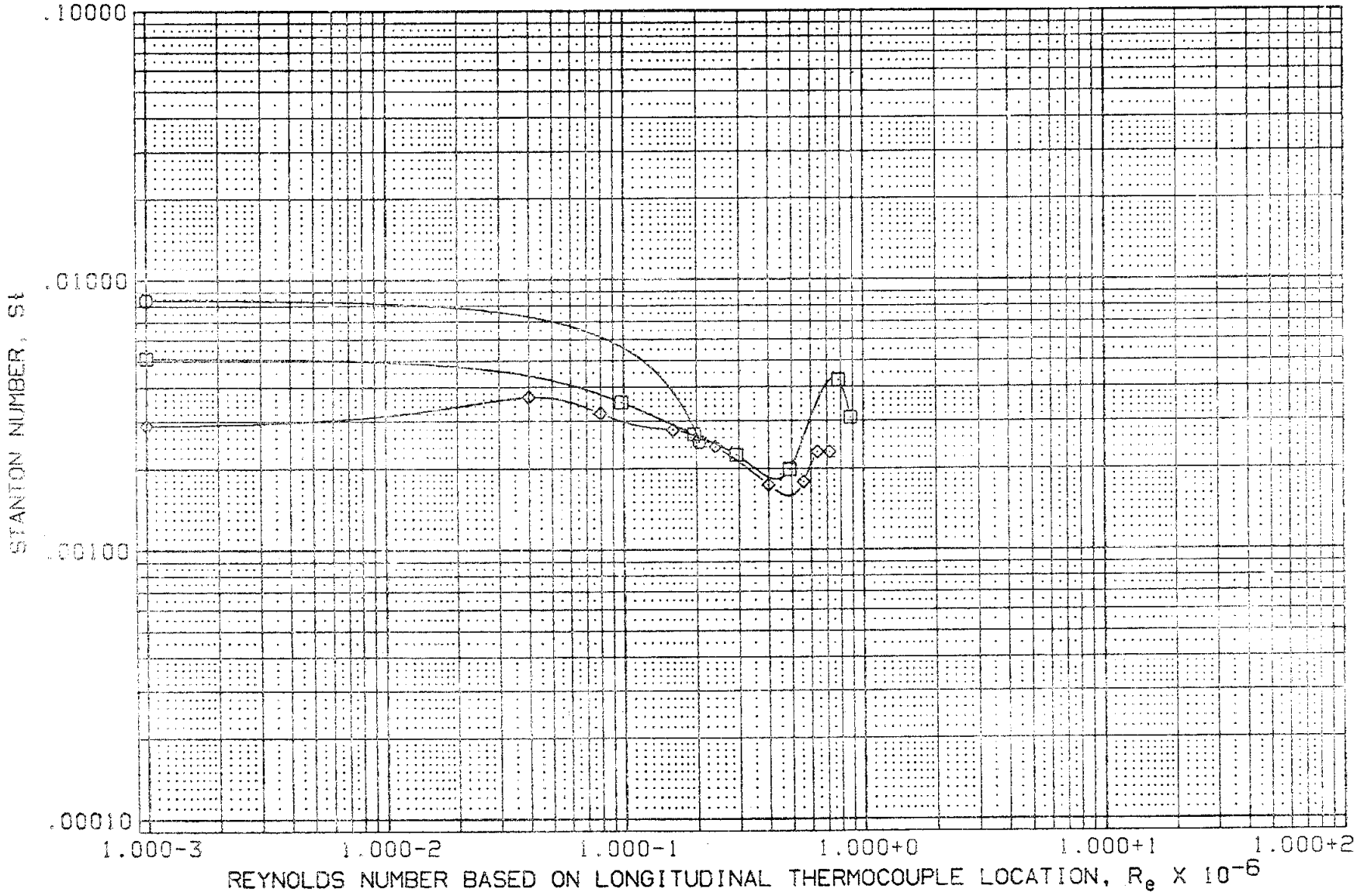

FIGURE 9 WING LOWER SURFACE (ALPHA = 20, RE/FT = 3.7X10+6)

(CE2311) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.892	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	10.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

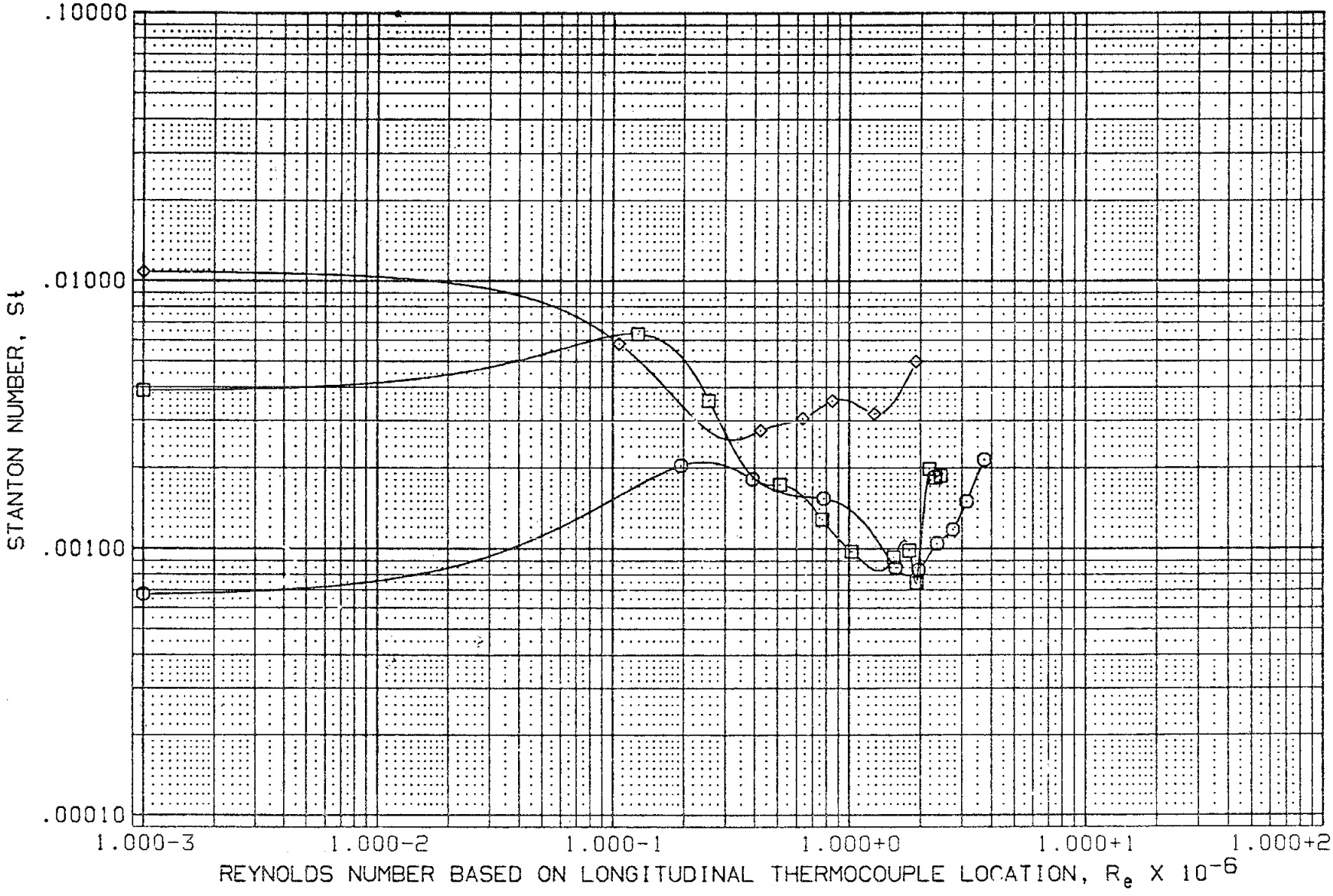

FIGURE 9 WING LOWER SURFACE (ALPHA = 20, RE/FT = 3.7X10+6)

(CE2411) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.892	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	10.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

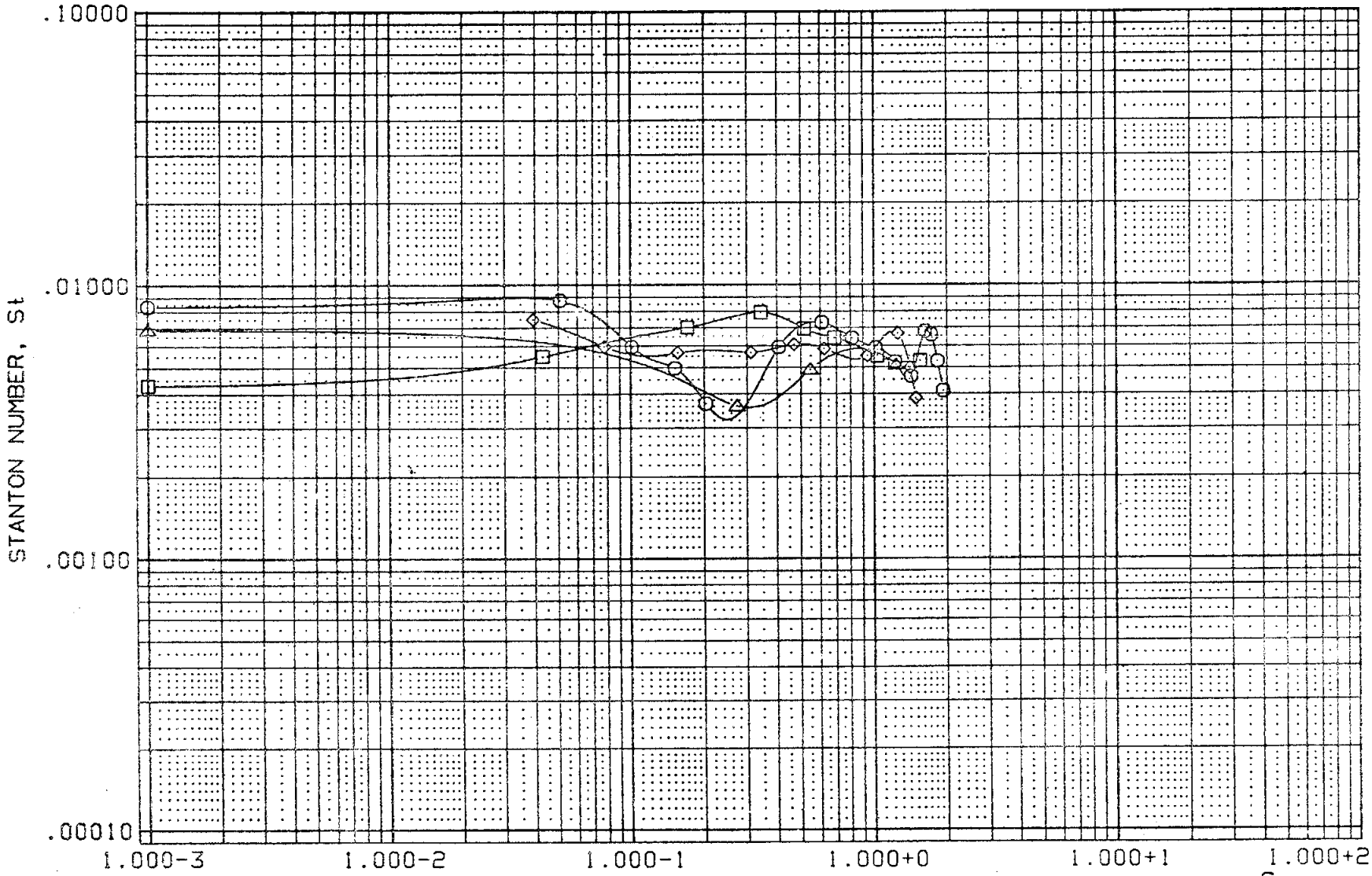

FIGURE 9 WING LOWER SURFACE (ALPHA = 20, RE/FT = 3.7X10+6)

(CE2411) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.892	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	10.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

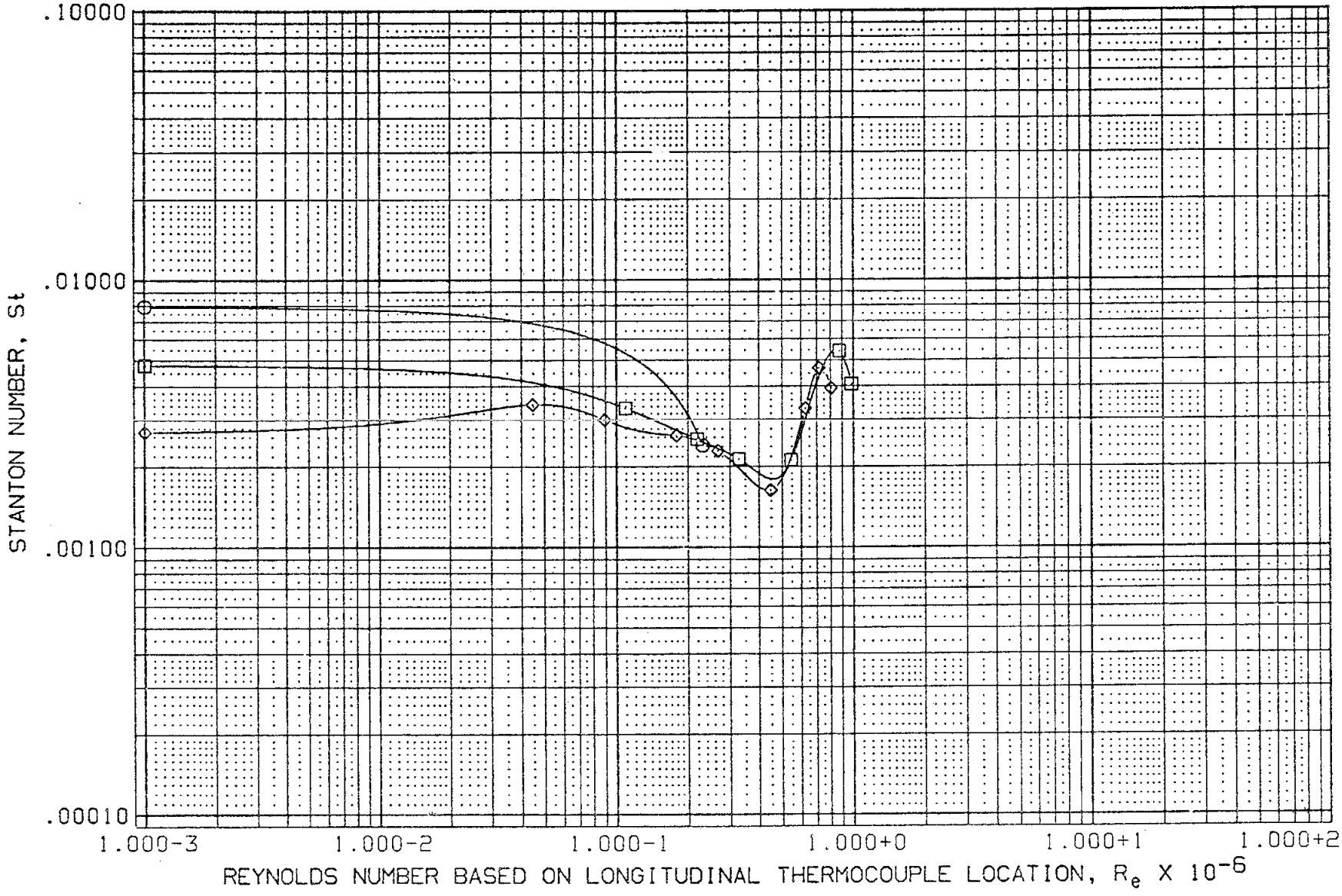

FIGURE 9 WING LOWER SURFACE (ALPHA = 20, RE/FT = 3.7X10+6)

(CE2313) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.892	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	15.000	BDFLAP	15.000
SPDBRK	.000	RN/L	3.700

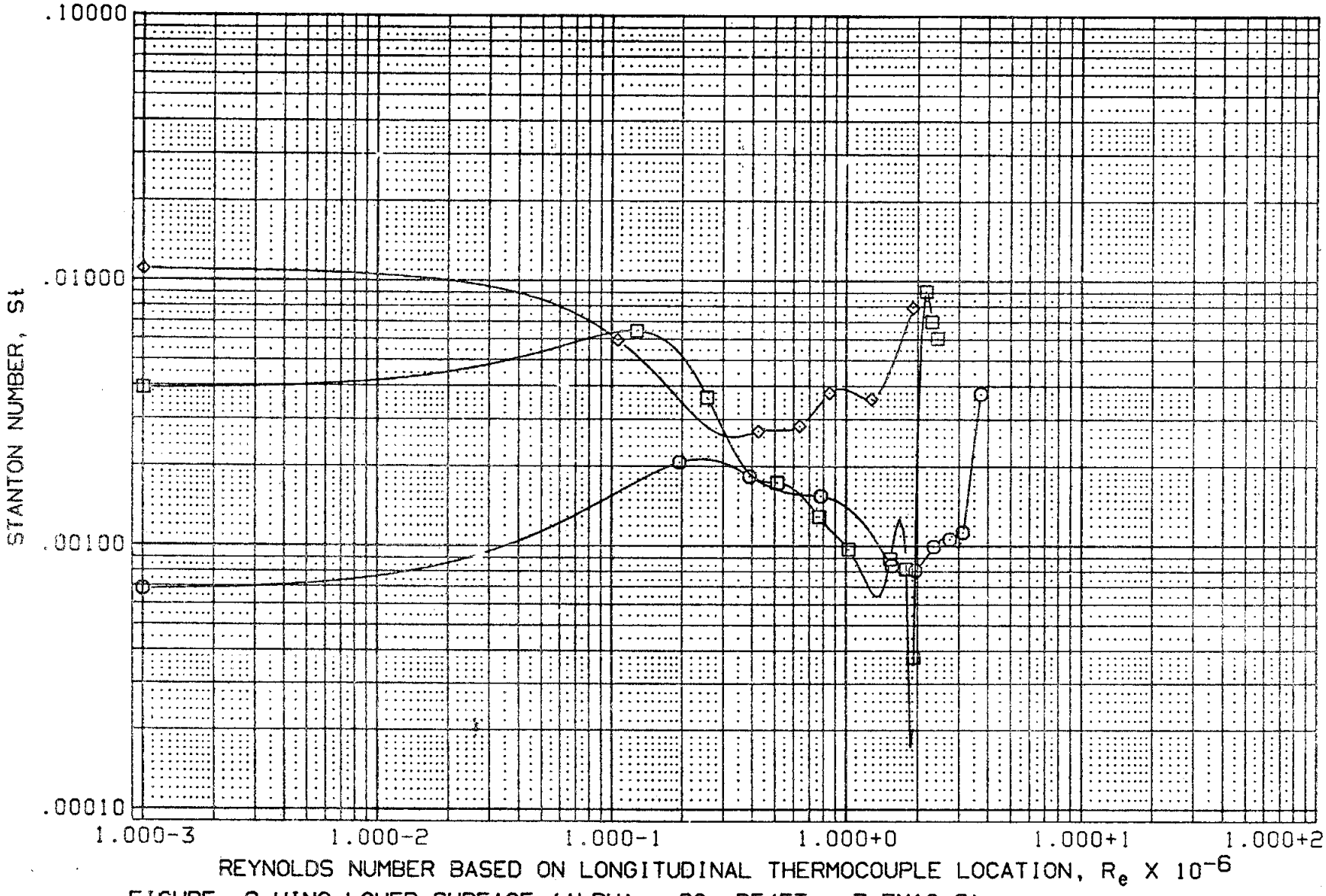

FIGURE 9 WING LOWER SURFACE (ALPHA = 20, RE/FT = 3.7X10+6)

(CE2413) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.892	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	15.000	BDFLAP	15.000
SPDBRK	.000	RN/L	3.700

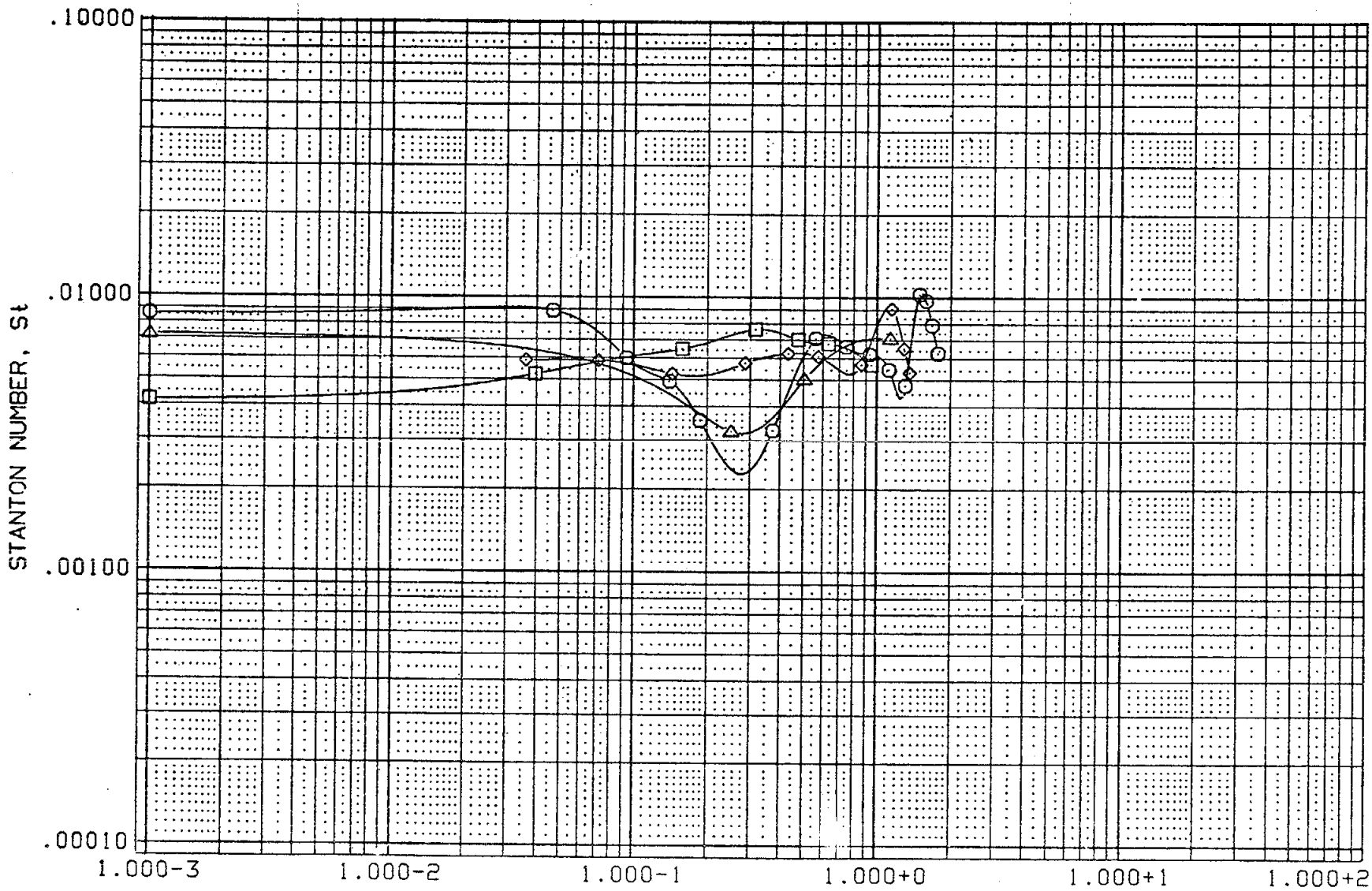

FIGURE 9 WING LOWER SURFACE (ALPHA = 20, RE/FT = 3.7X10+6)

(CE2413) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.892	.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	15.000	BDFLAP	15.000
SPDBRK	.000	RN/L	3.700

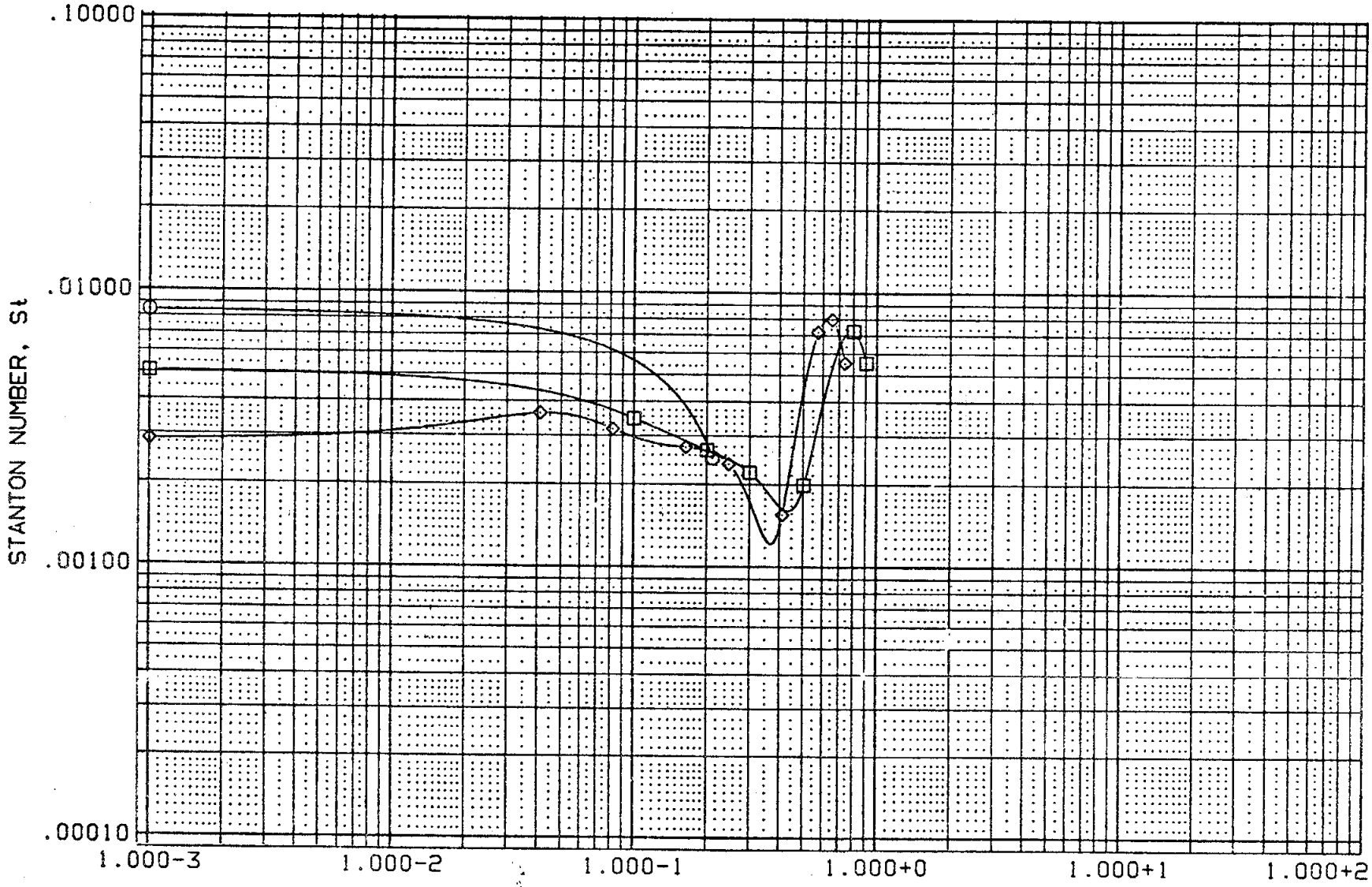

FIGURE 9 WING LOWER SURFACE (ALPHA = 20, RE/FT = 3.7X10+6)

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVON	BDFLAP
(CE2104)	○	ARC 3.5-199 OH26 (01) FWD BOTTOM CENTER LINE	20.000	.000	.000
(BE2204)	□	ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE	20.000	.000	.000

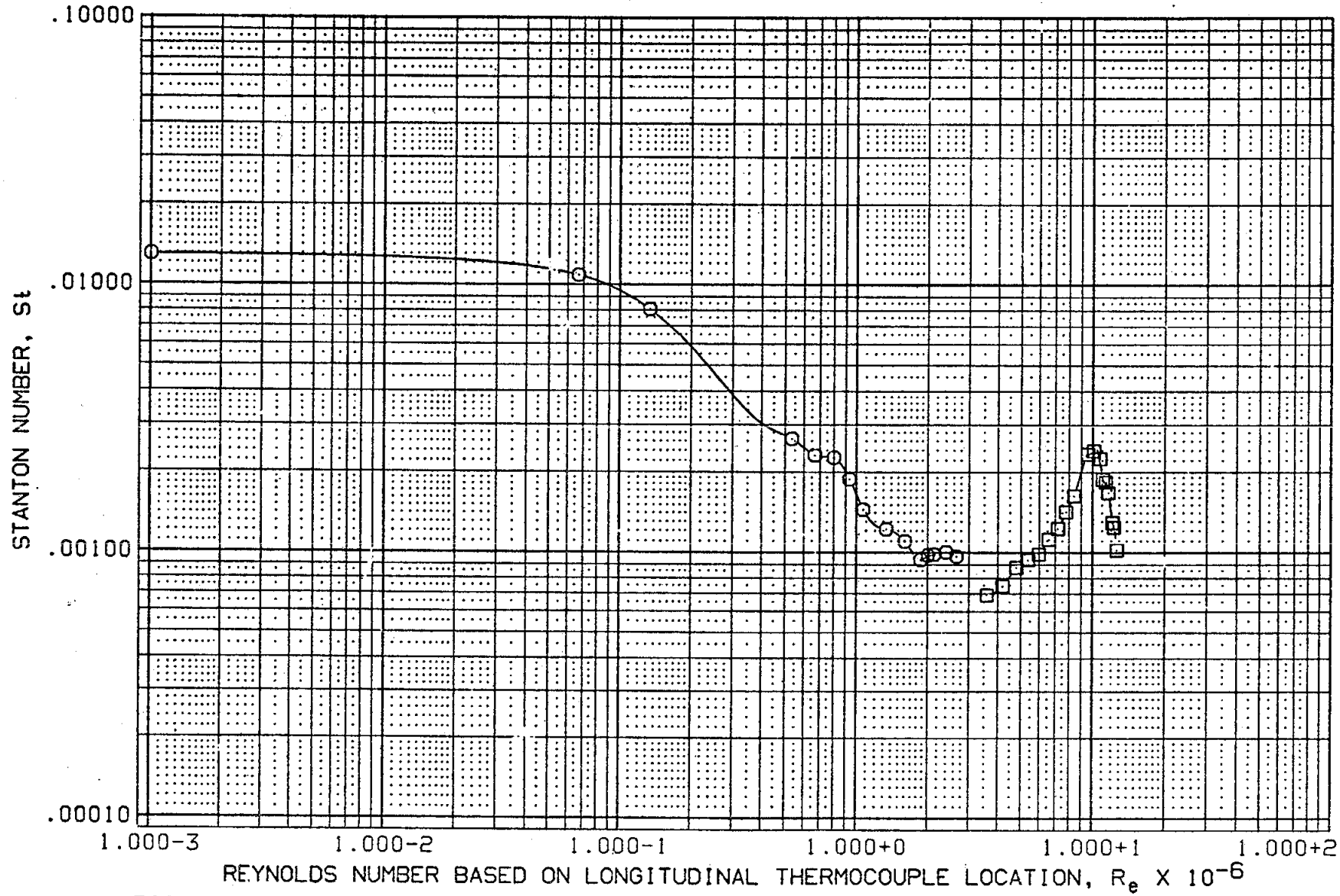

FIGURE 10 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 20, RE/FT = 7.0X10+6)

MACH = 7.320 HAW/HT = .892 PHI = .000

(BE2220) ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE

SYMBOL	PHI	HAW/HT	MACH
O	.000	.892	7.320

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	15.000	BDFLAP	15.000
SPDBRK	.000	RN/L	7.000

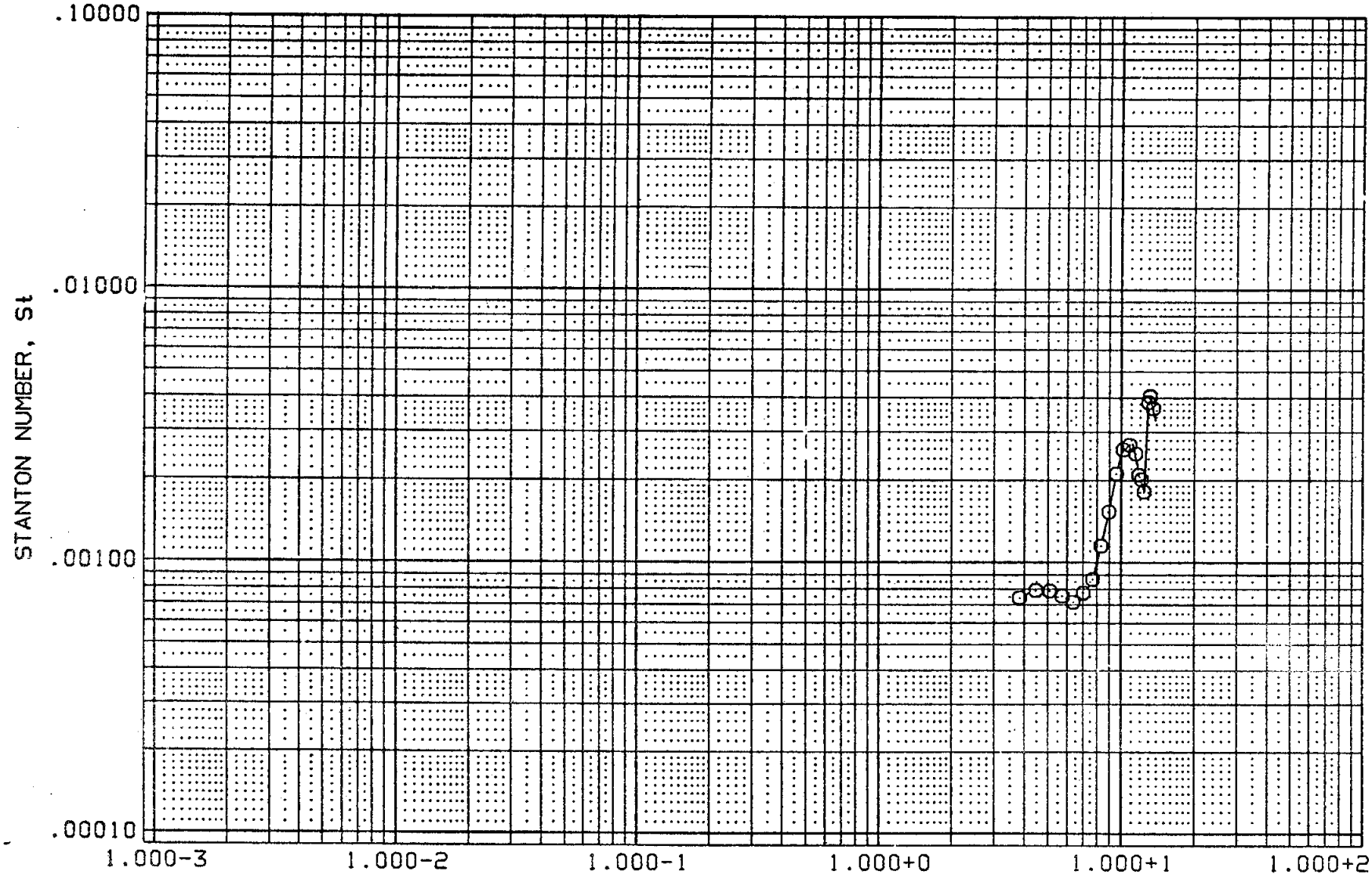

FIGURE 10 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 20, RE/FT = 7.0X10+6)

(BE2504) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.892	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	7.000

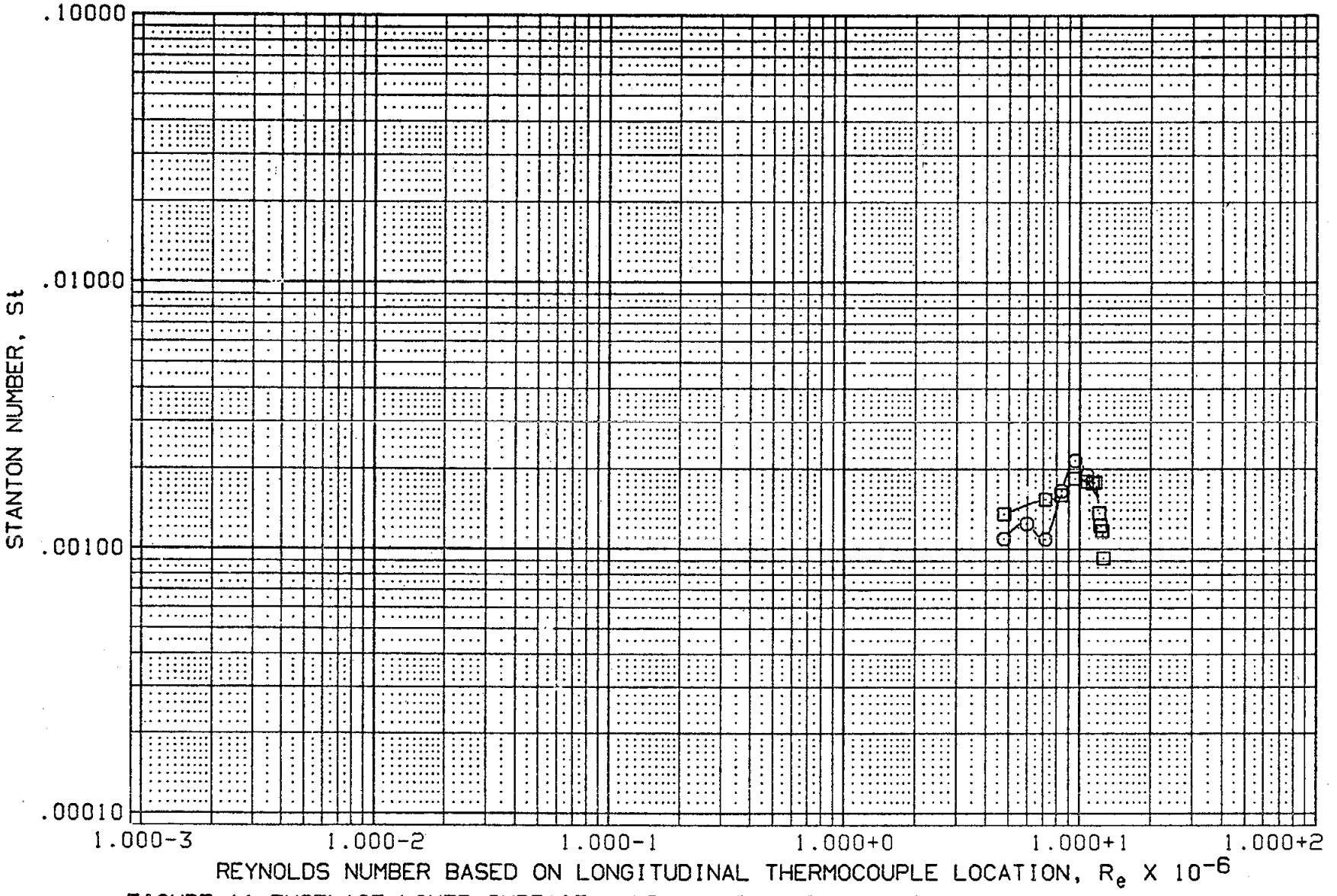

FIGURE 11 FUSELAGE LOWER SURFACE (ALPHA = 20, RE/FT = 7.0X10+6)

(BE2520) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.892	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	15.000	BDFLAP	15.000
SPDBRK	.000	RN/L	7.000

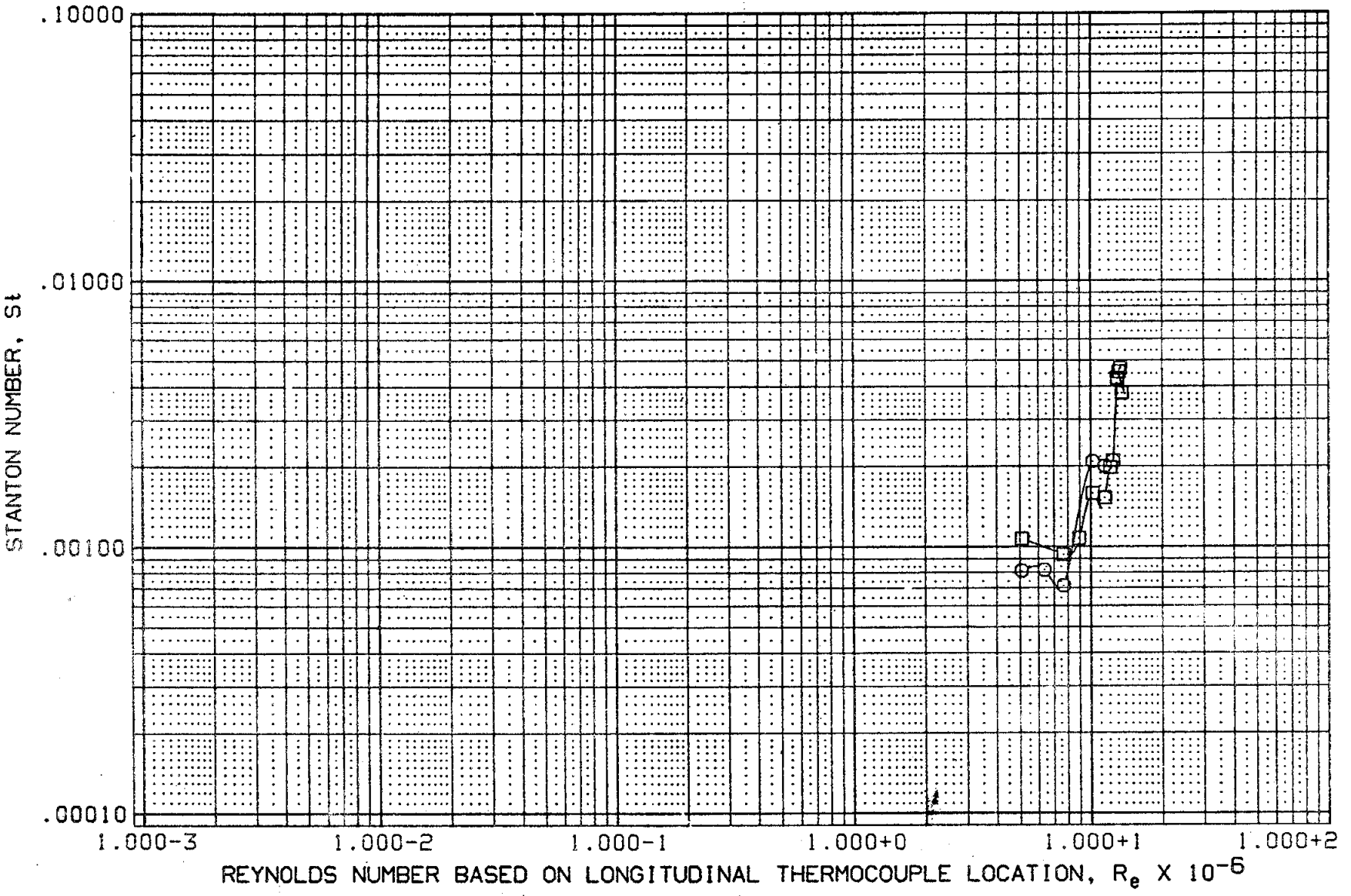

FIGURE 11 FUSELAGE LOWER SURFACE (ALPHA = 20, RE/FT = 7.0X10+6)

(CE2304) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.892	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	7.000

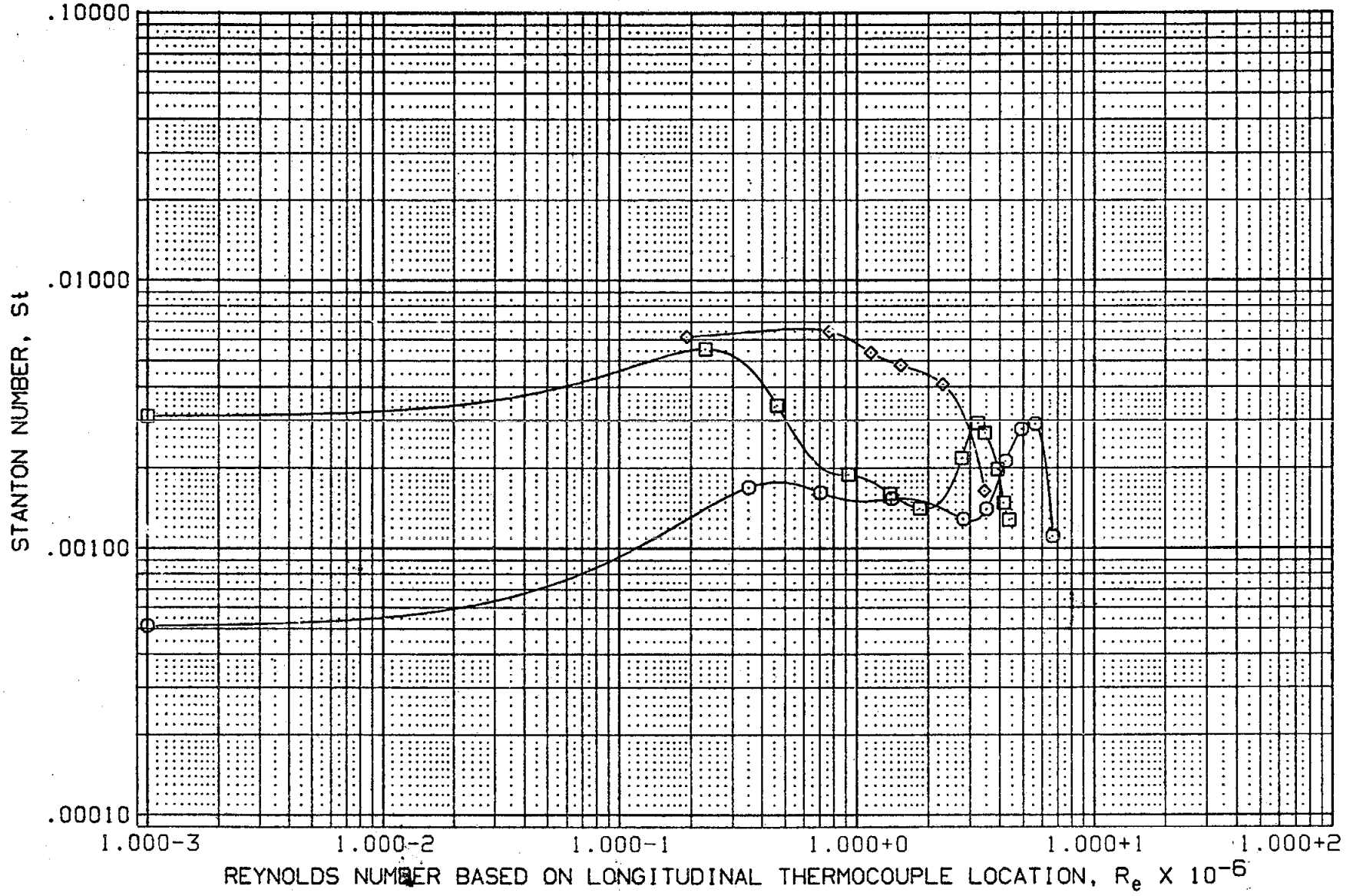

FIGURE 12 WING LOWER SURFACE (ALPHA = 20, RE/FT = 7.0X10+6)

(CE2404) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.892	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	7.000

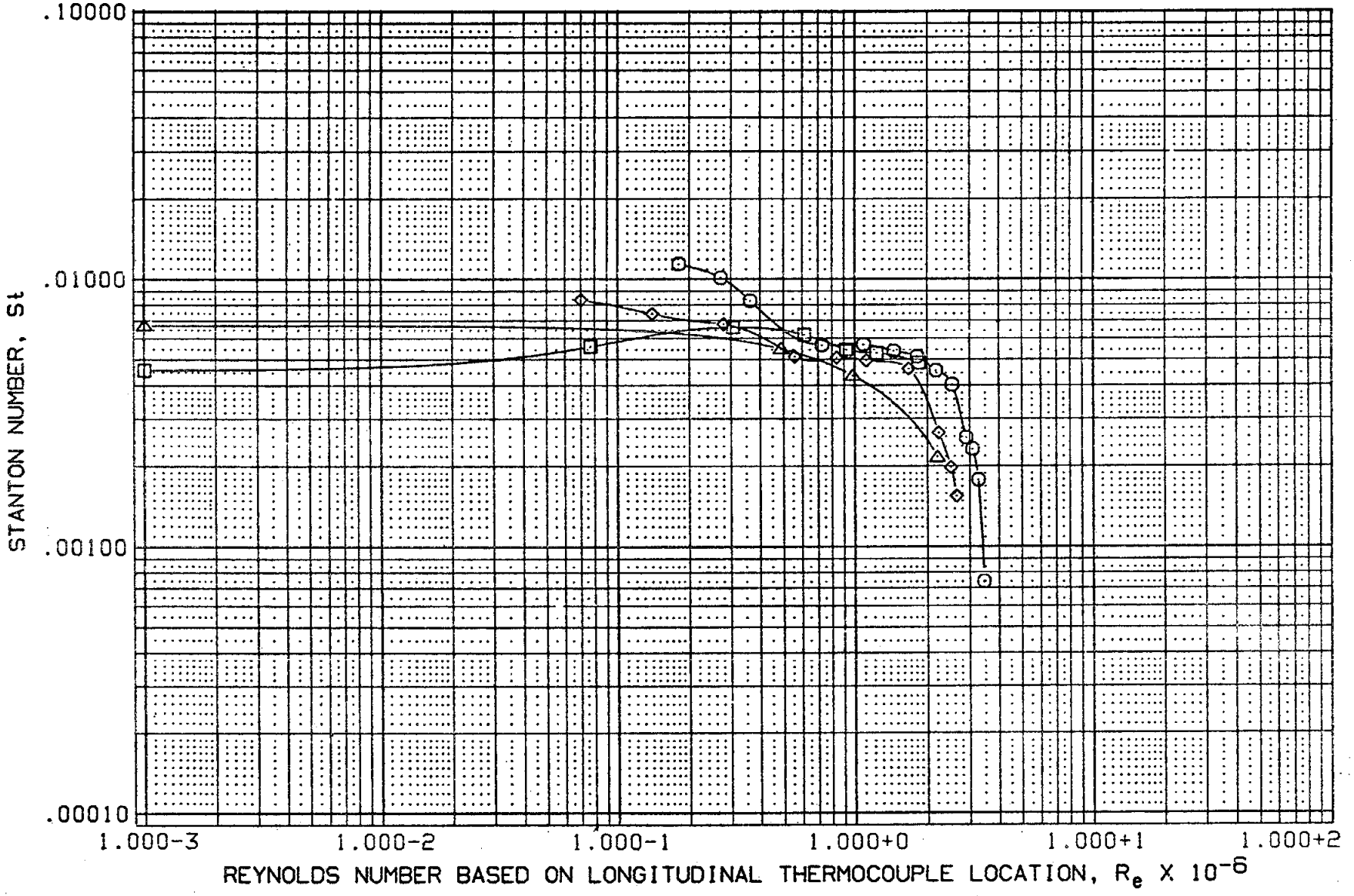

FIGURE 12 WING LOWER SURFACE (ALPHA = 20, RE/FT = 7.0X10+6)

(CE2404) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.892	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	7.000

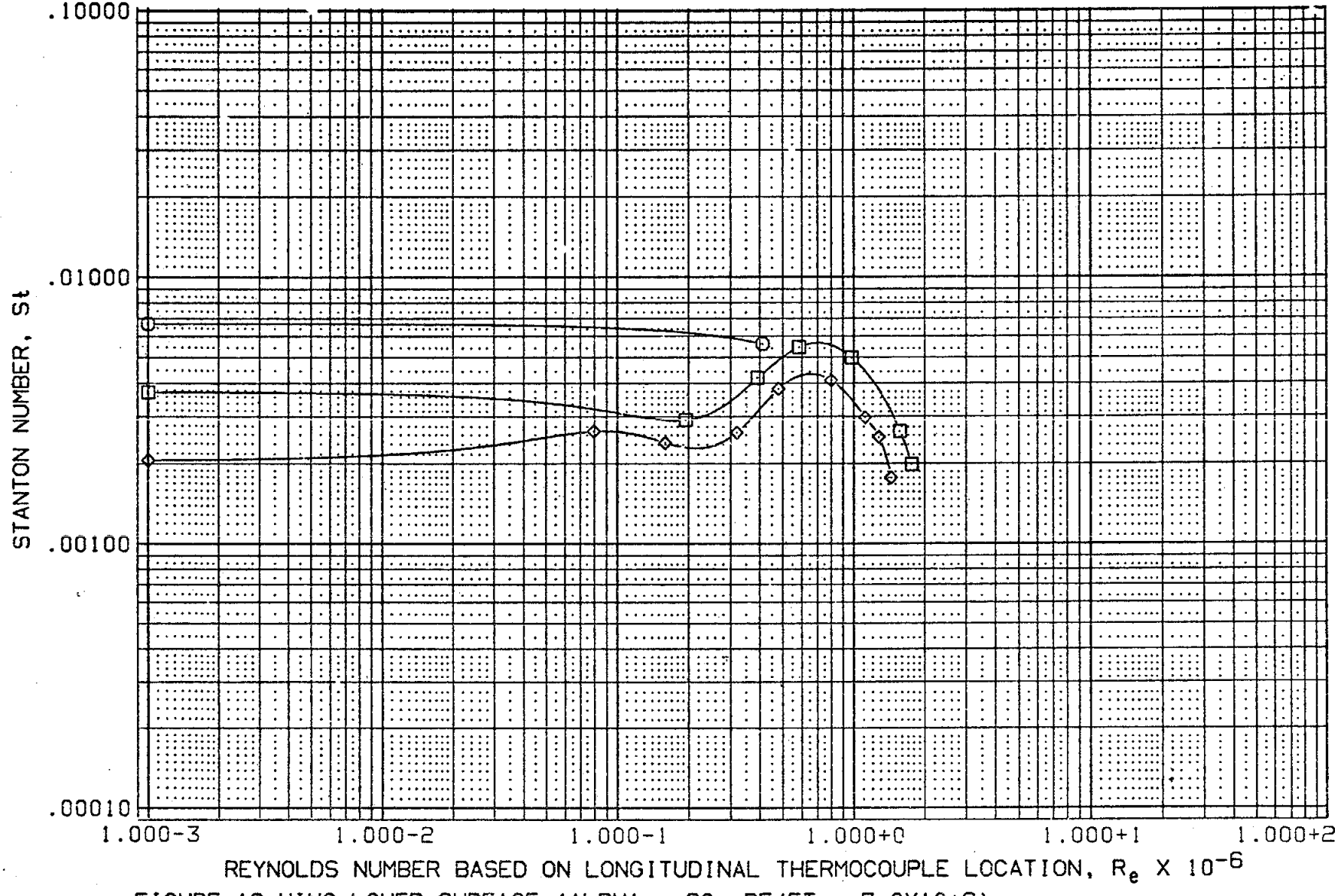

FIGURE 12 WING LOWER SURFACE (ALPHA = 20, RE/FT = 7.0X10+6)

(CE2320) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.892	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	20.000	BETA	.000
ELEVON	15.000	BDFLAP	15.000
SPDBRK	.000	RN/L	7.000

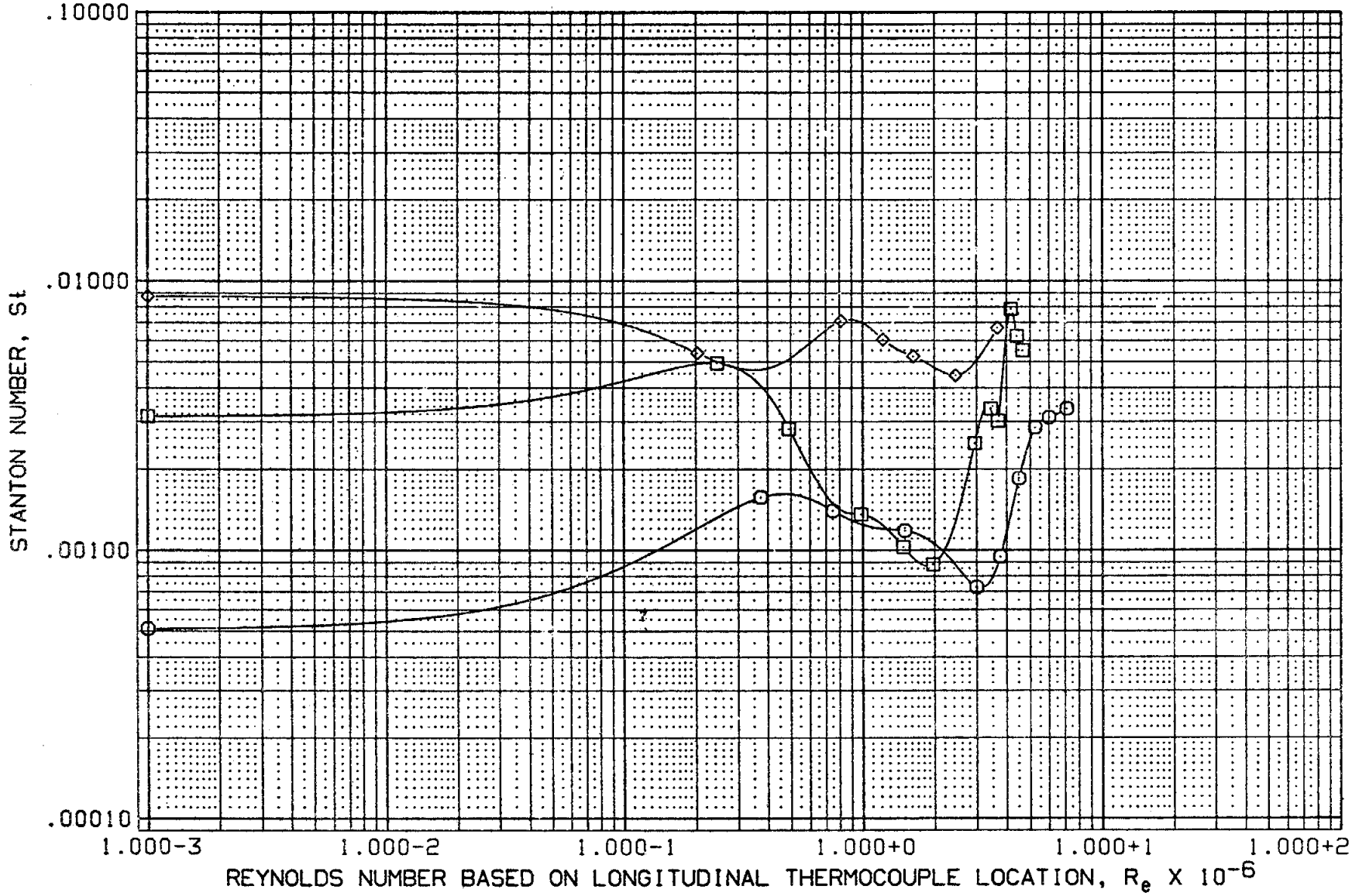

FIGURE 12 WING LOWER SURFACE (ALPHA = 20, RE/FT = 7.0X10+6)

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVON	BDFLAP
(CE2105)	○	ARC 3.5-199 OH26 (01) FWD BOTTOM CENTER LINE	25.000	.000	.000
(BE2205)	□	ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE	25.000	.000	.000

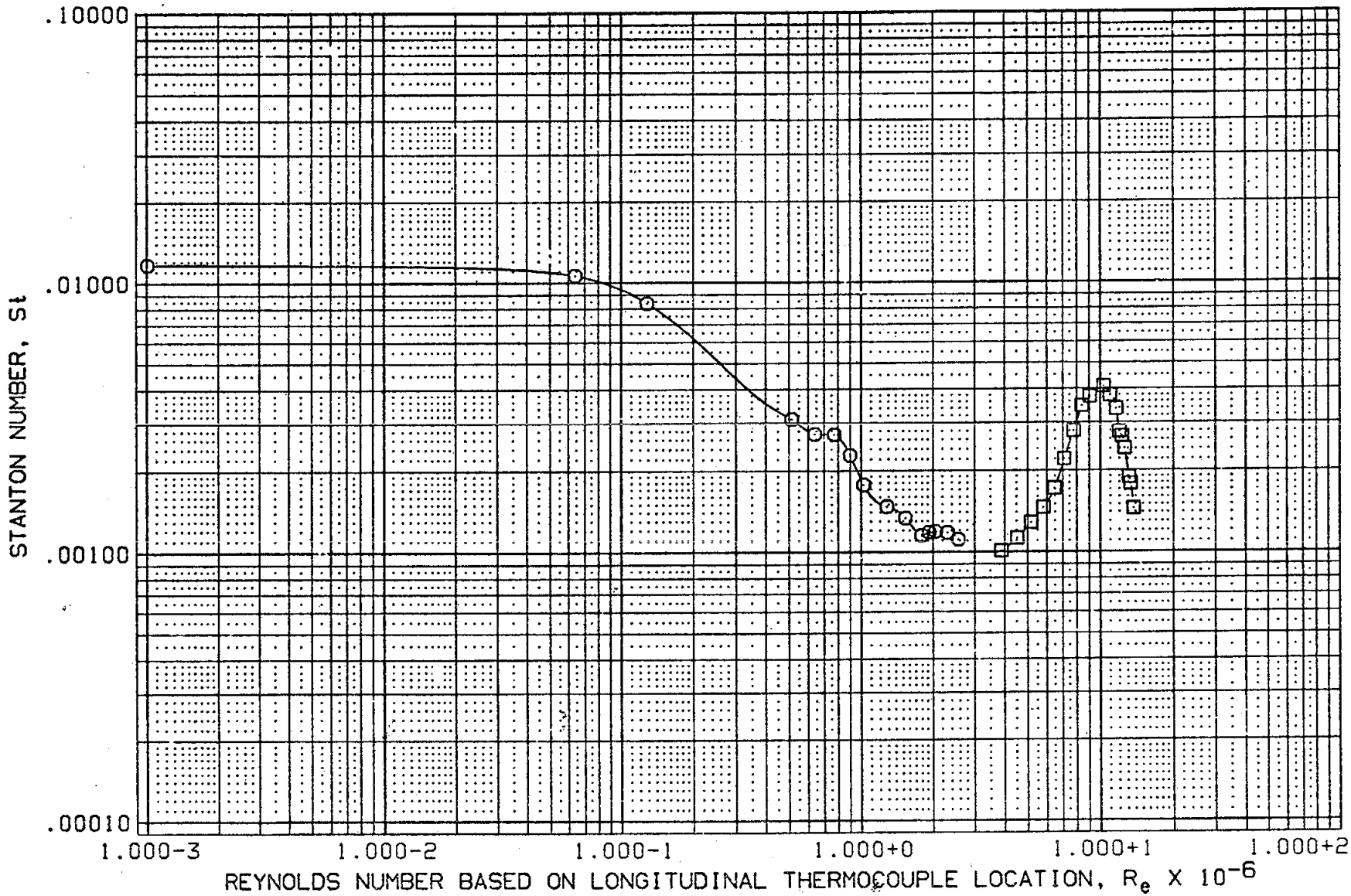

FIGURE 13 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 25, RE/FT = 7.0X10+6)

MACH = 7.320 HAW/HT = .902 PHI = .000

(BE2505) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.902	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	25.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	7.000

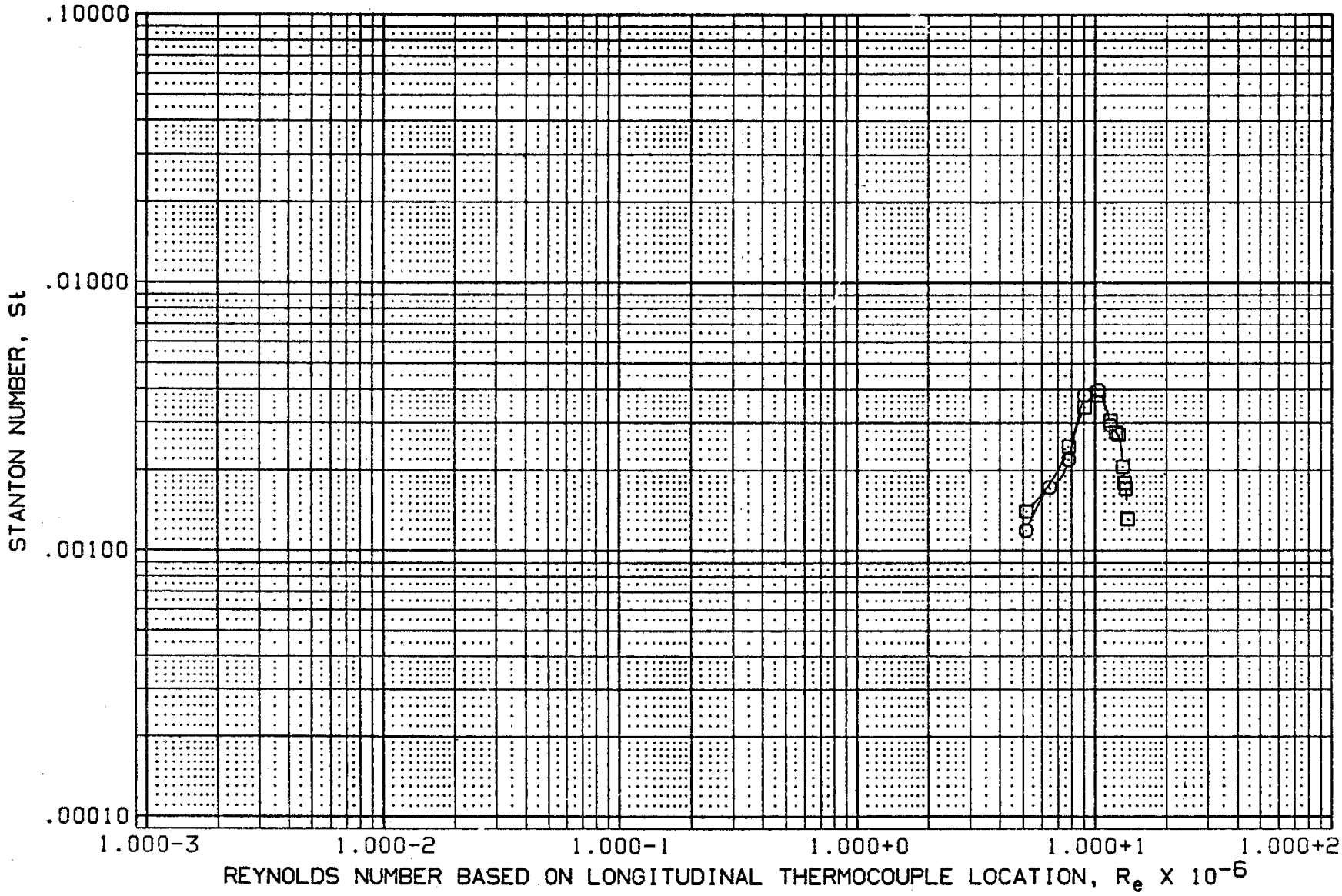

FIGURE 14 FUSELAGE LOWER SURFACE (ALPHA = 25, RE/FT = 7.0X10+6)

(CE2305) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.902	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	25.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	7.000

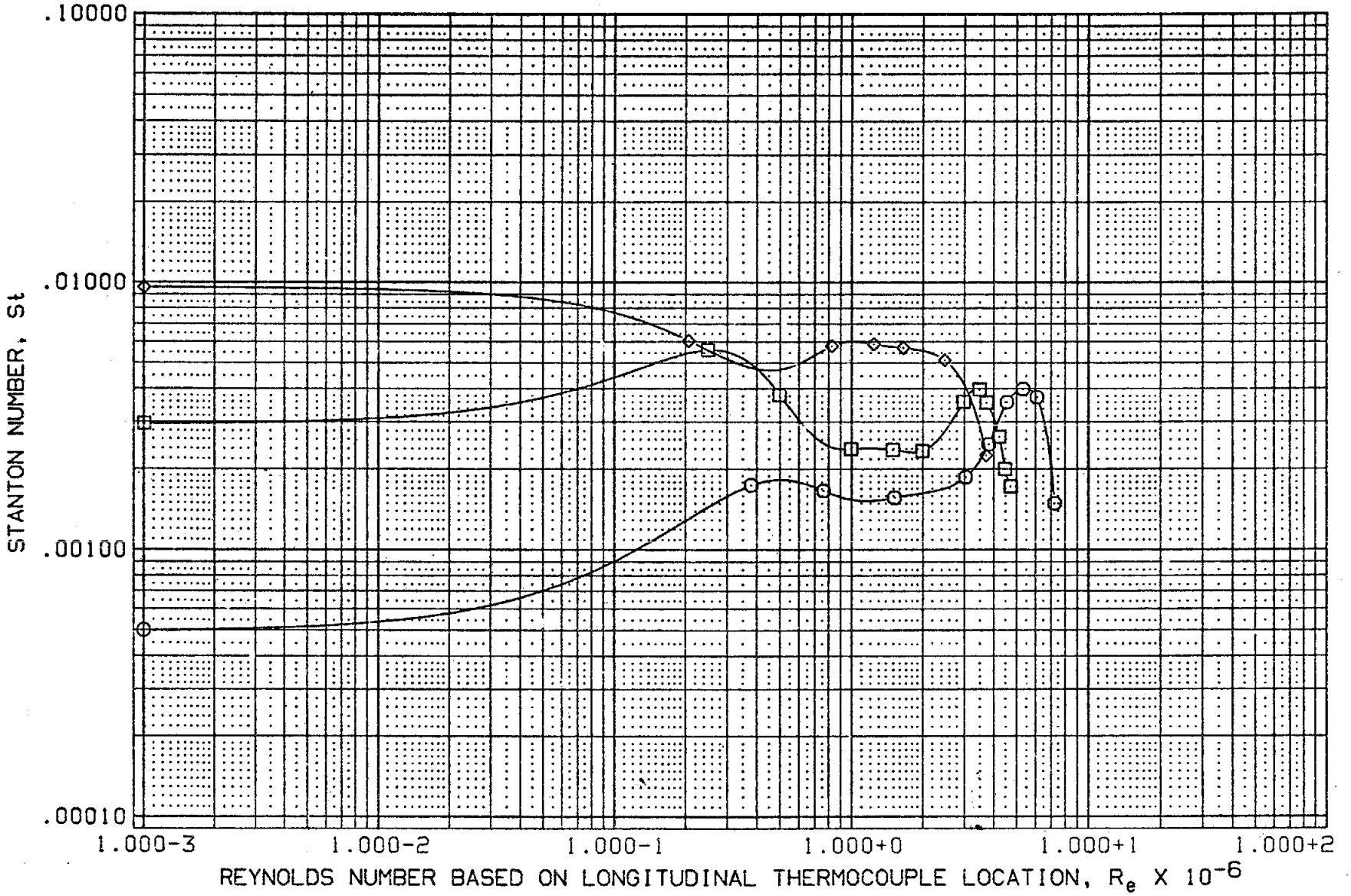

FIGURE 15 WING LOWER SURFACE (ALPHA = 25, RE/FT = 7.0X10+6)

(CE2405) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.902	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	25.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	7.000

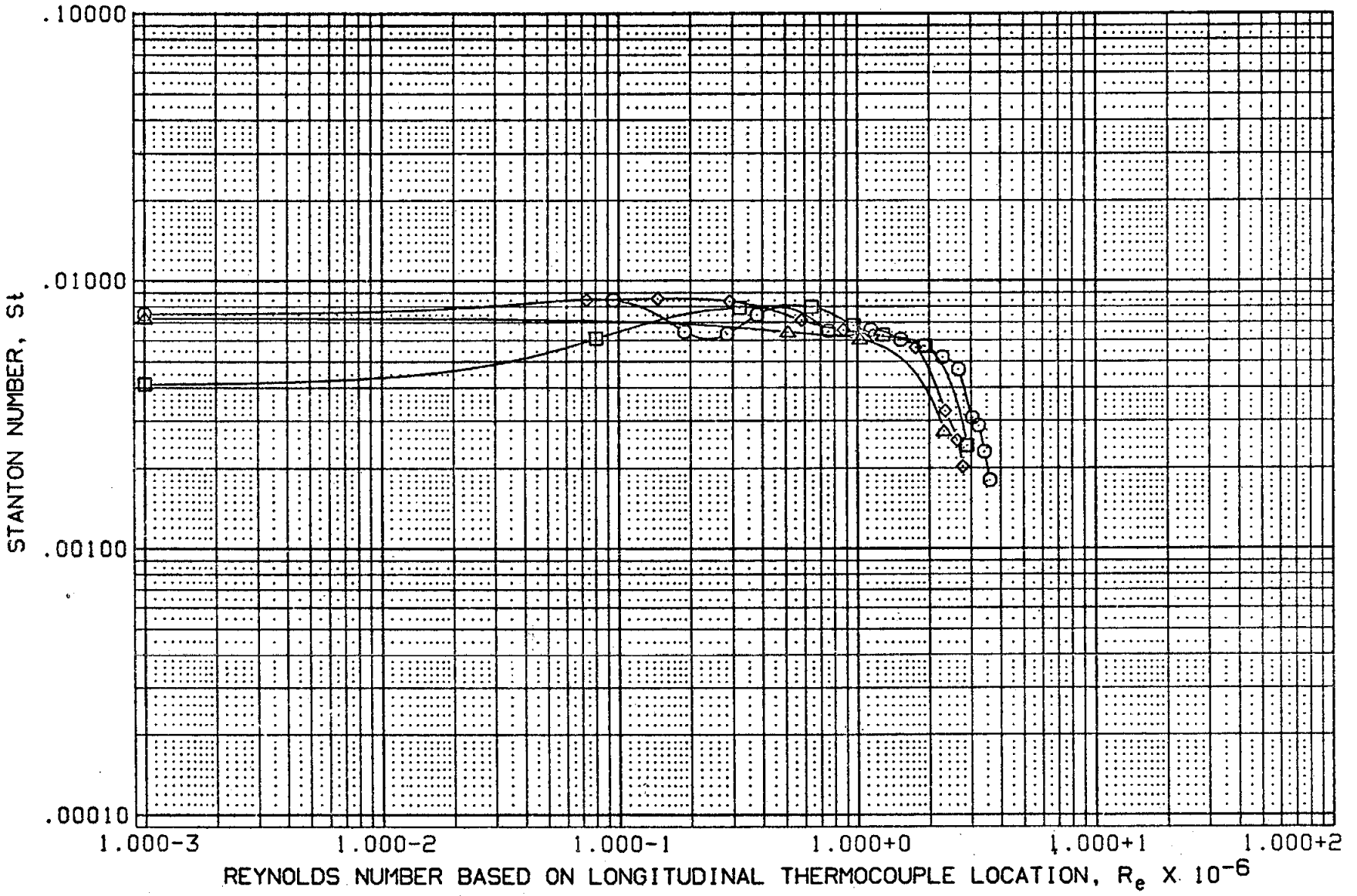

FIGURE 15 WING LOWER SURFACE (ALPHA = 25, RE/FT = 7.0X10+6)

(CE2405) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.902	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	25.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	7.000

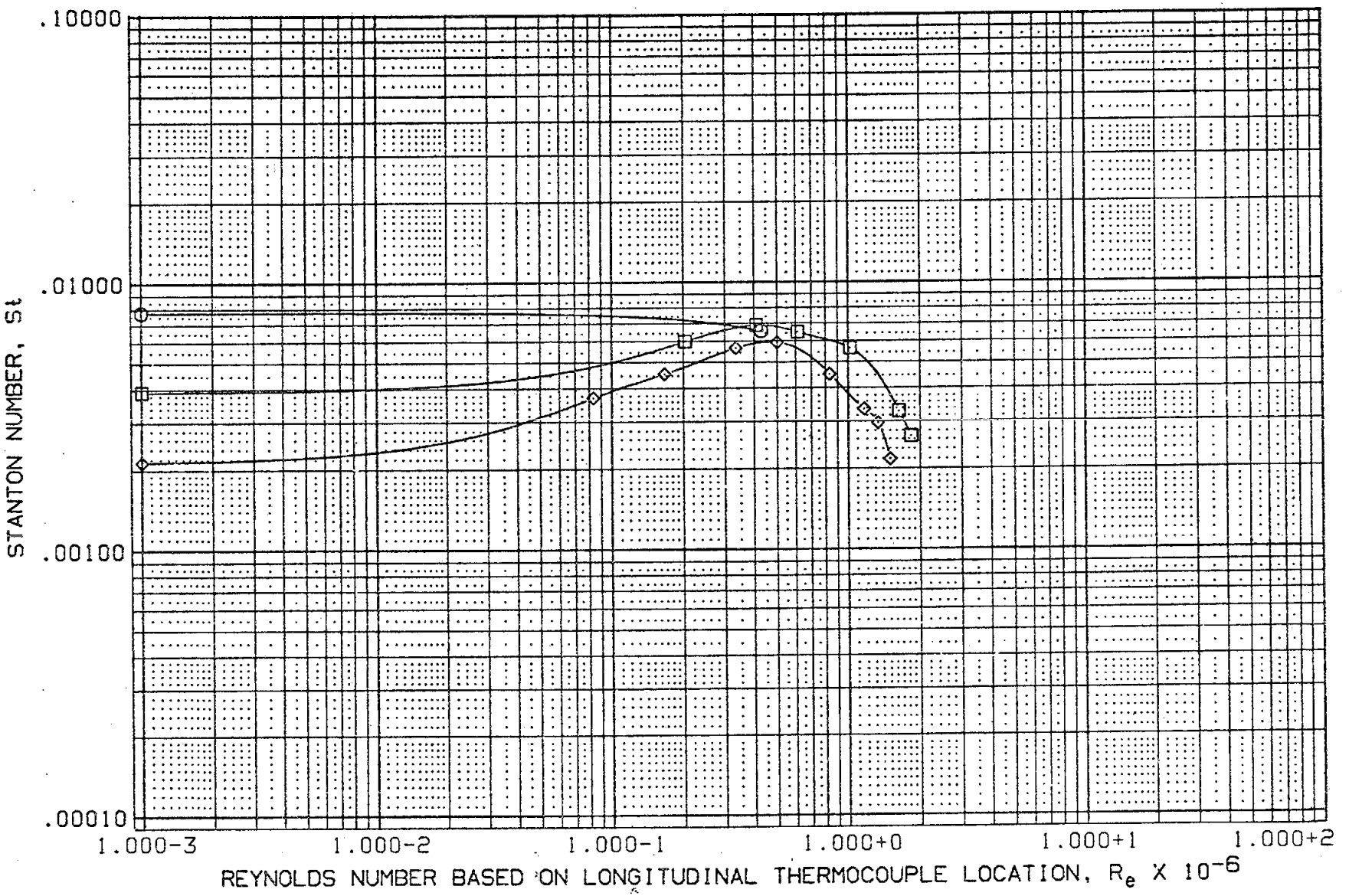

FIGURE 15 WING LOWER SURFACE (ALPHA = 25, RE/FT = 7.0X10+6)

(BE2217) ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE

SYMBOL	PHI	HAW/HT	MACH
O	.000	.912	7.320

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

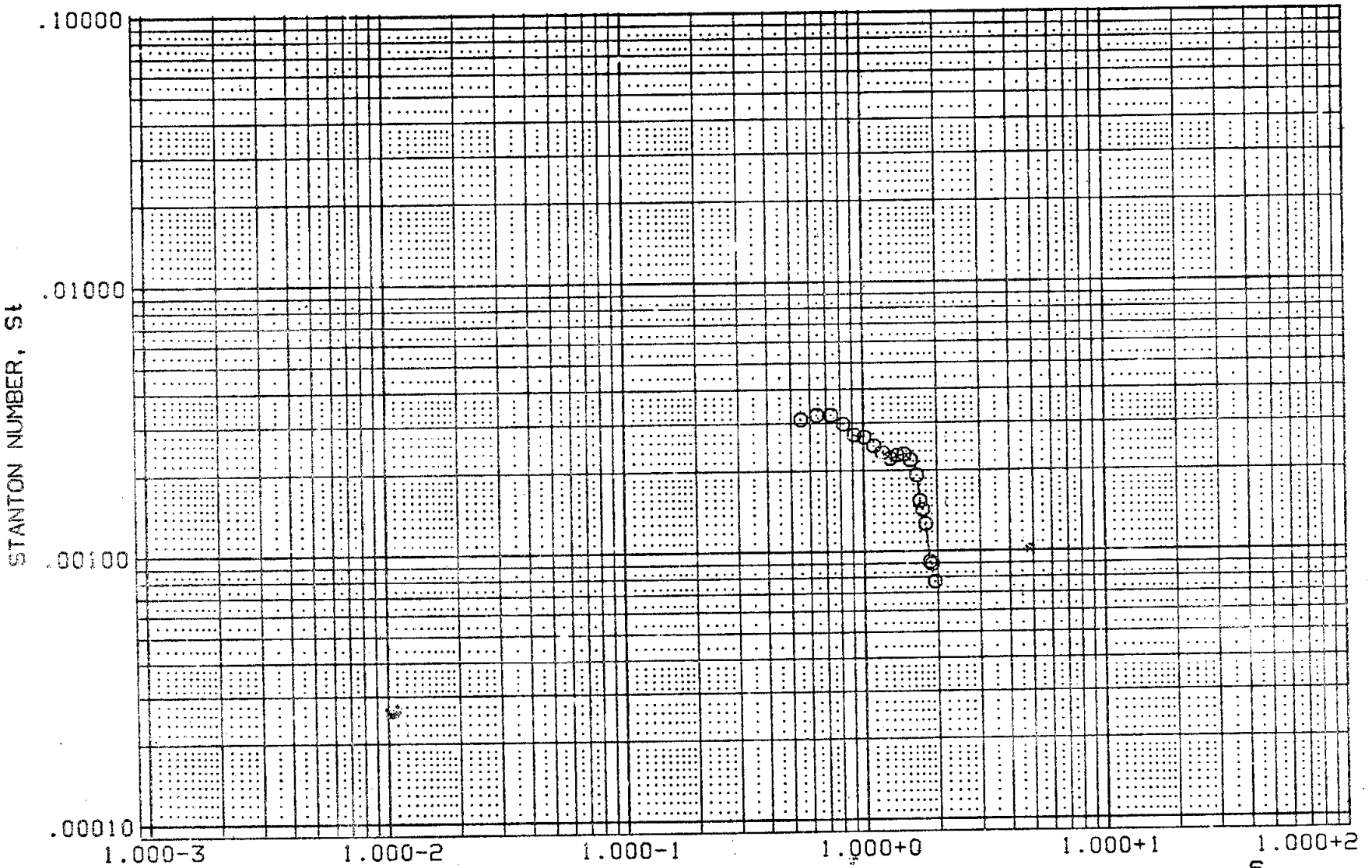

FIGURE 16 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 30, RE/FT = 1.0X10+6)

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVON	BDFLAP
(CE2101)	○	ARC 3.5-199 OH26 (01) FWD BOTTOM CENTER LINE	30.000	.000	.000
(BE2201)	□	ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE	30.000	.000	.000

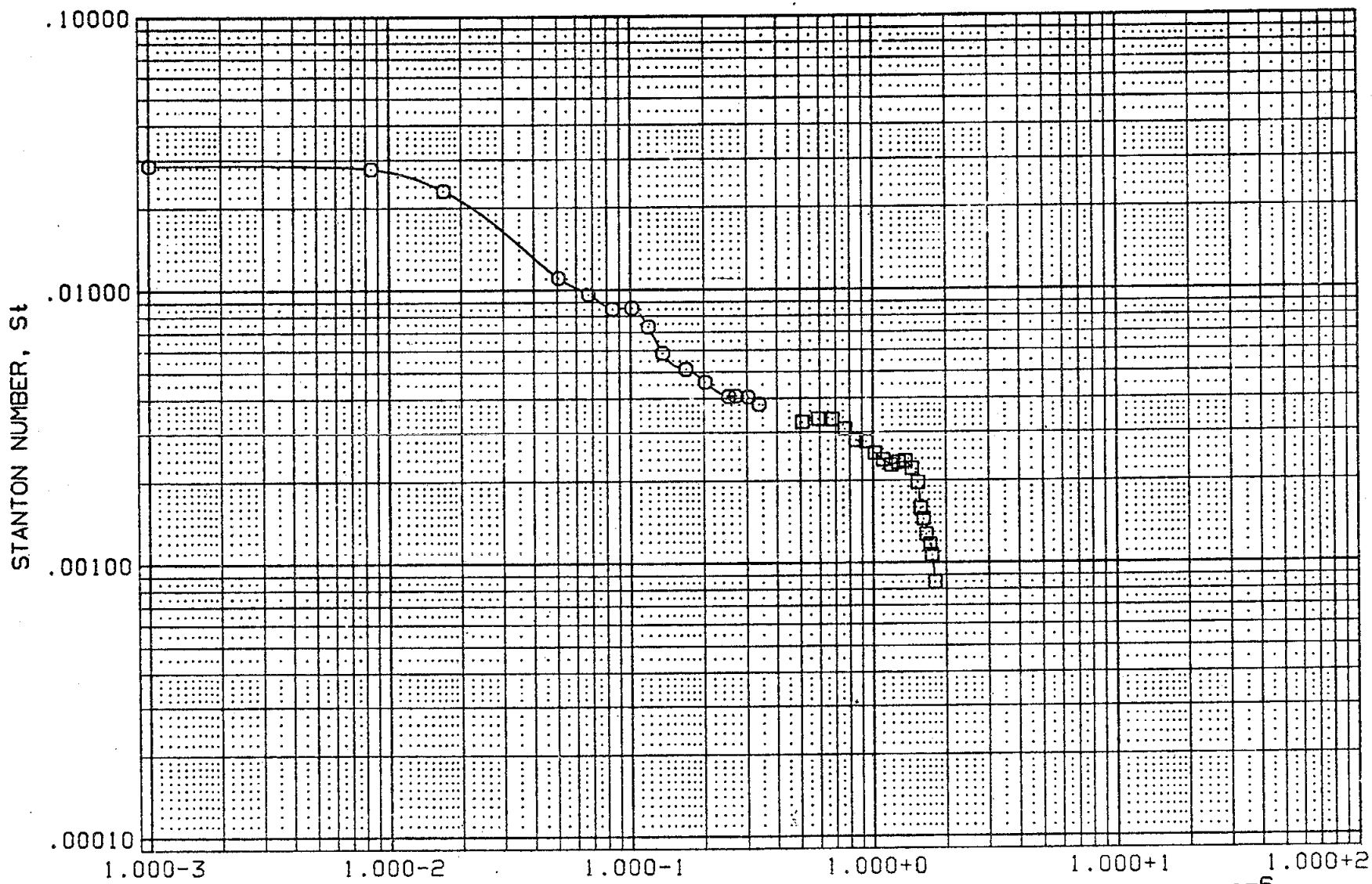

FIGURE 16 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 30, RE/FT = 1.0X10+6)

MACH = 7.320 HAW/HT = .912 PHI = .000

(BE2208) ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE

SYMBOL	PHI	HAW/HT	MACH
O	.000	.912	7.320

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	1.000

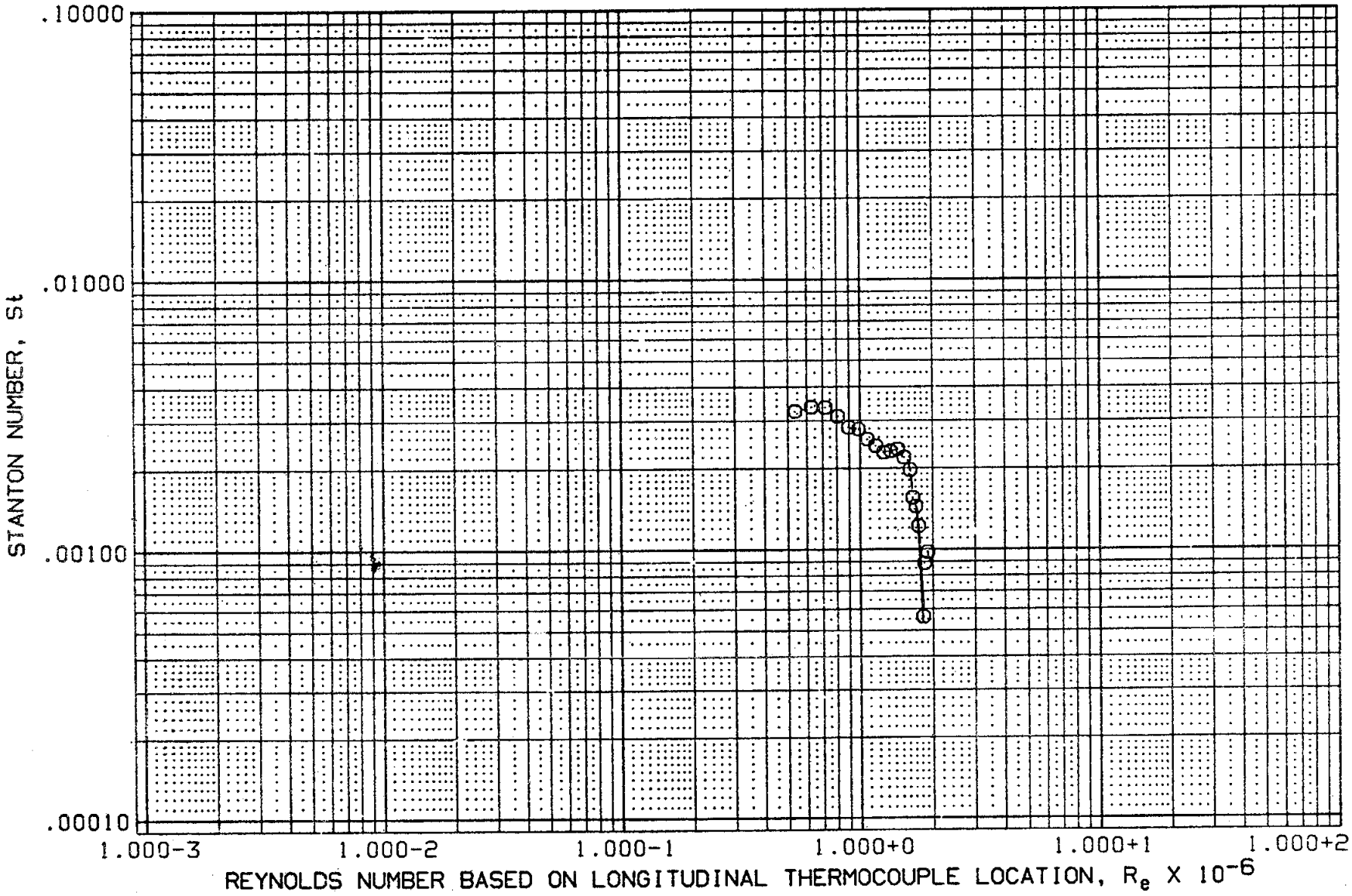

FIGURE 16 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 30, RE/FT = 1.0X10+6)

(BE2517) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.912	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

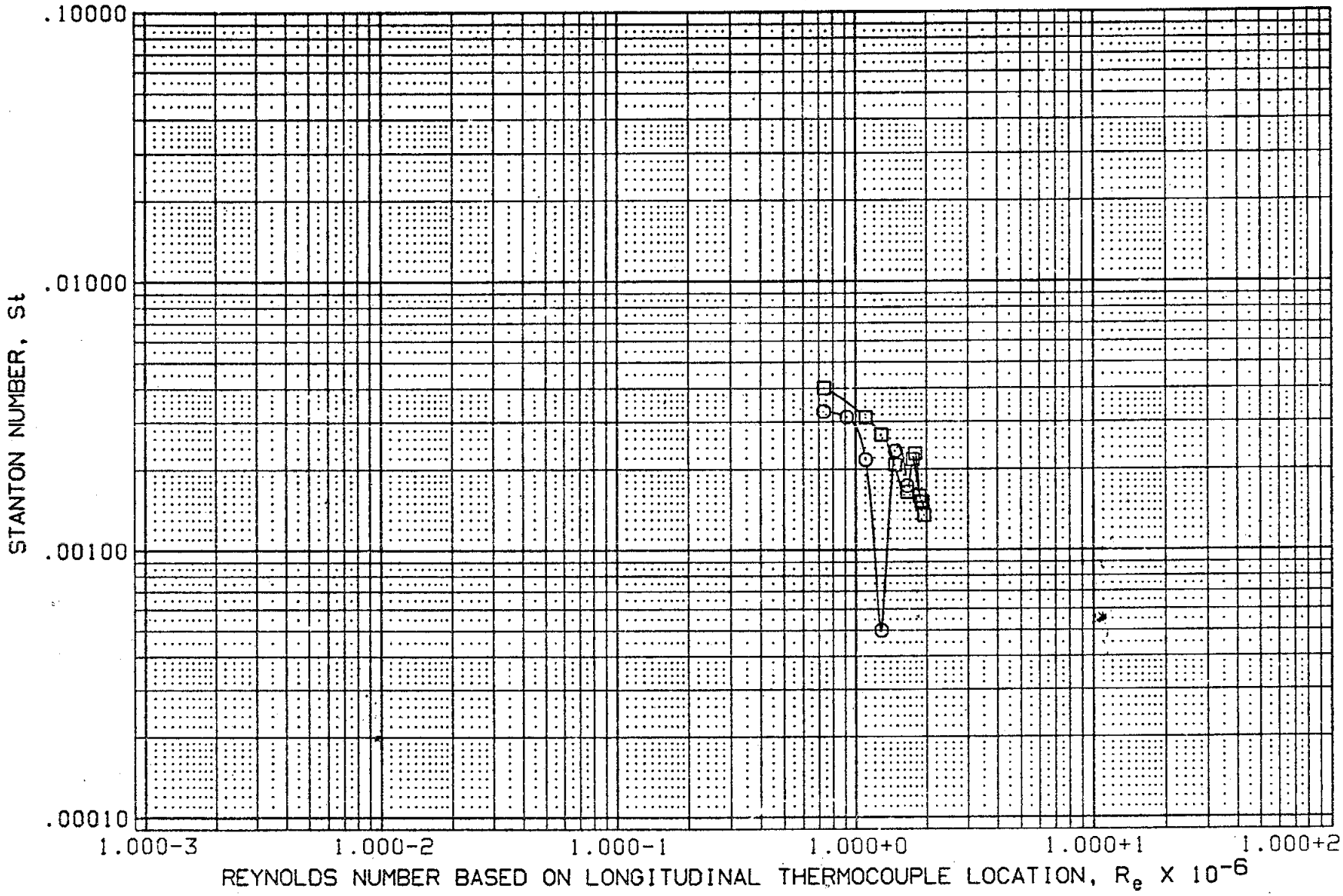

FIGURE 17 FUSELAGE LOWER SURFACE (ALPHA = 30, RE/FT = 1.0X10+6)

(BE2501) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.912	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

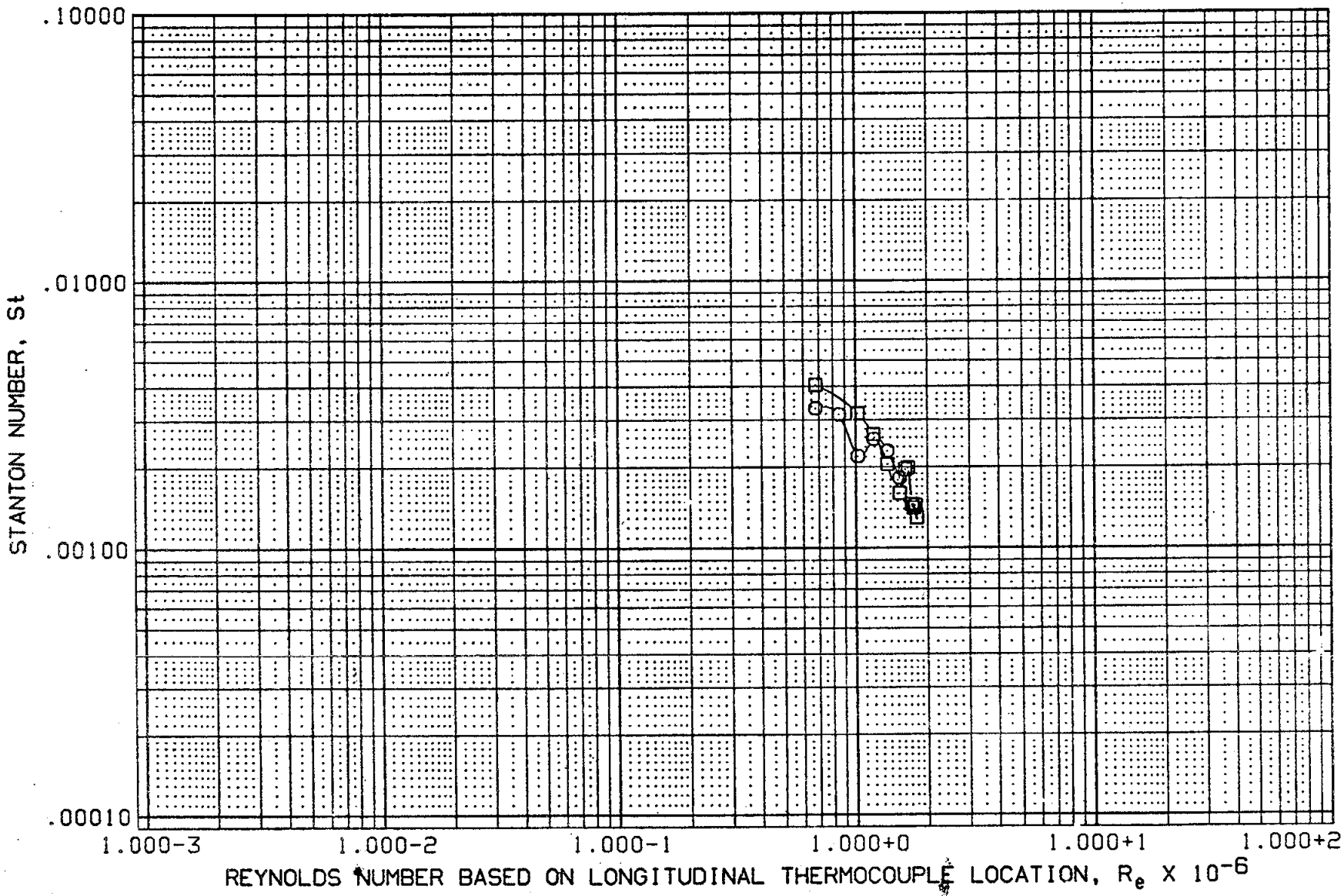

FIGURE 17 FUSELAGE LOWER SURFACE (ALPHA = 30, RE/FT = 1.0X10+6)

(BE2508) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.912	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	1.000

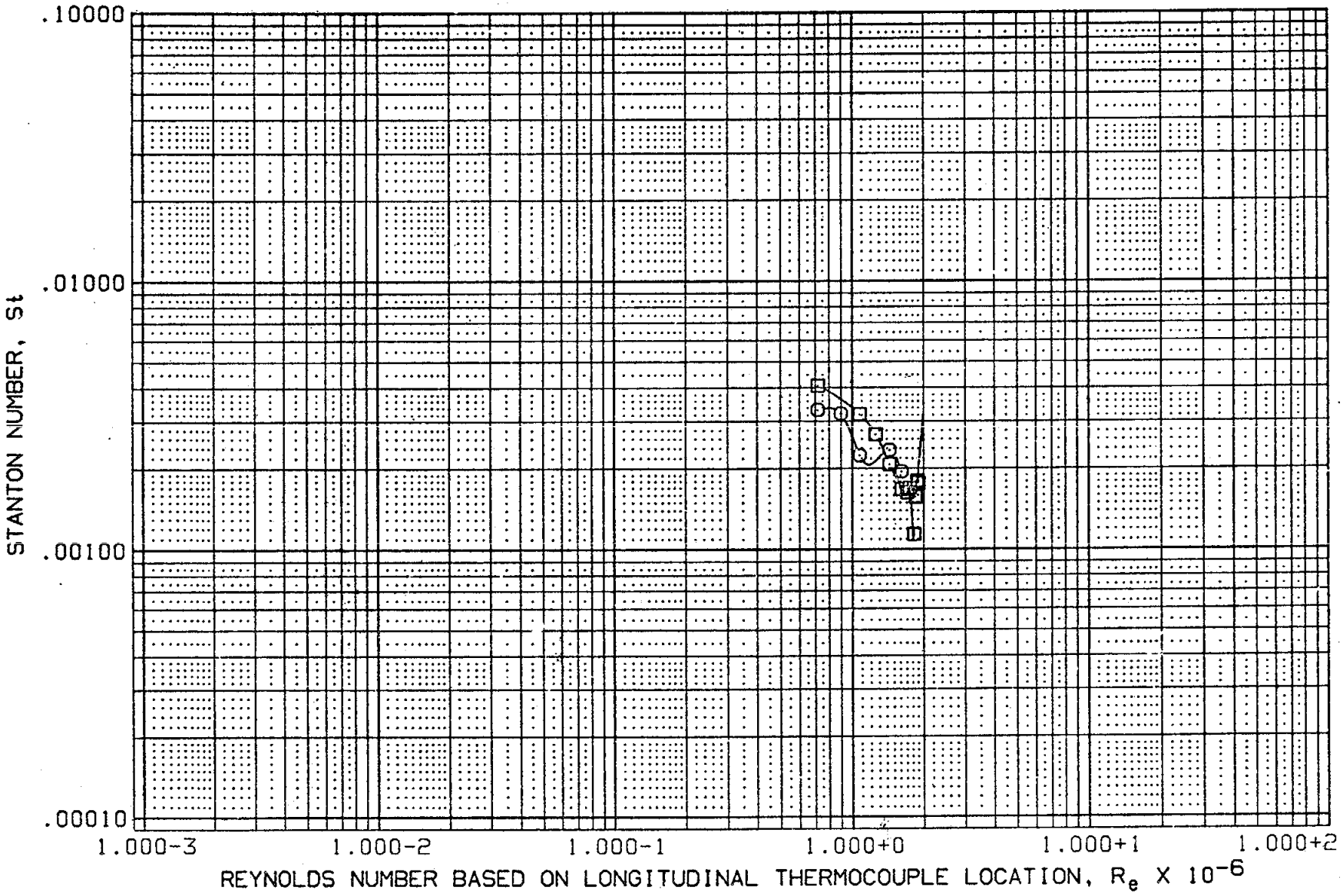

FIGURE 17 FUSELAGE LOWER SURFACE (ALPHA = 30, RE/FT = 1.0X10+6)

(CE2317) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.912	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

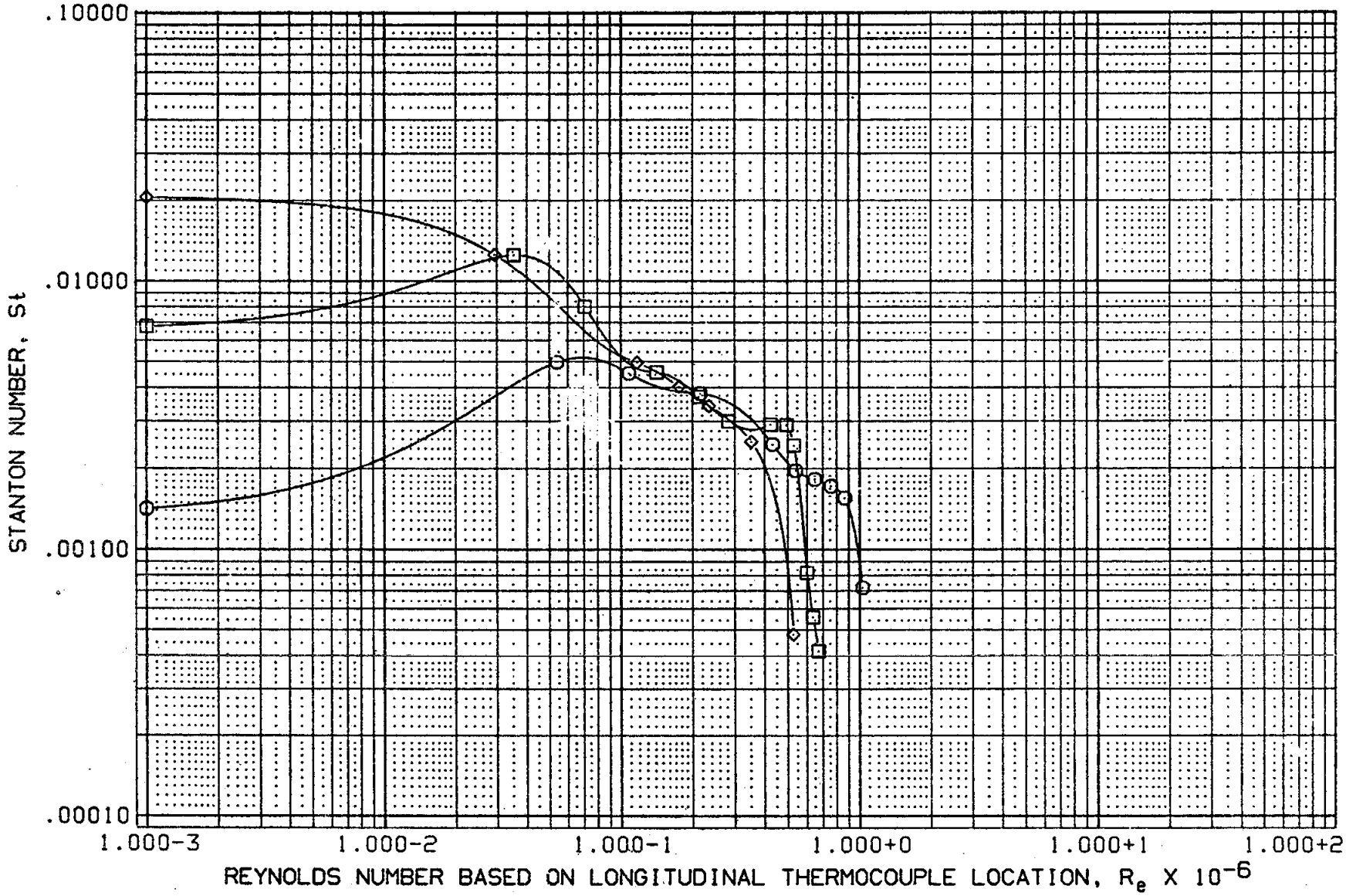

FIGURE 18 WING LOWER SURFACE (ALPHA = 30, RE/FT = 1.0X10+6)

(CE2417) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.912	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

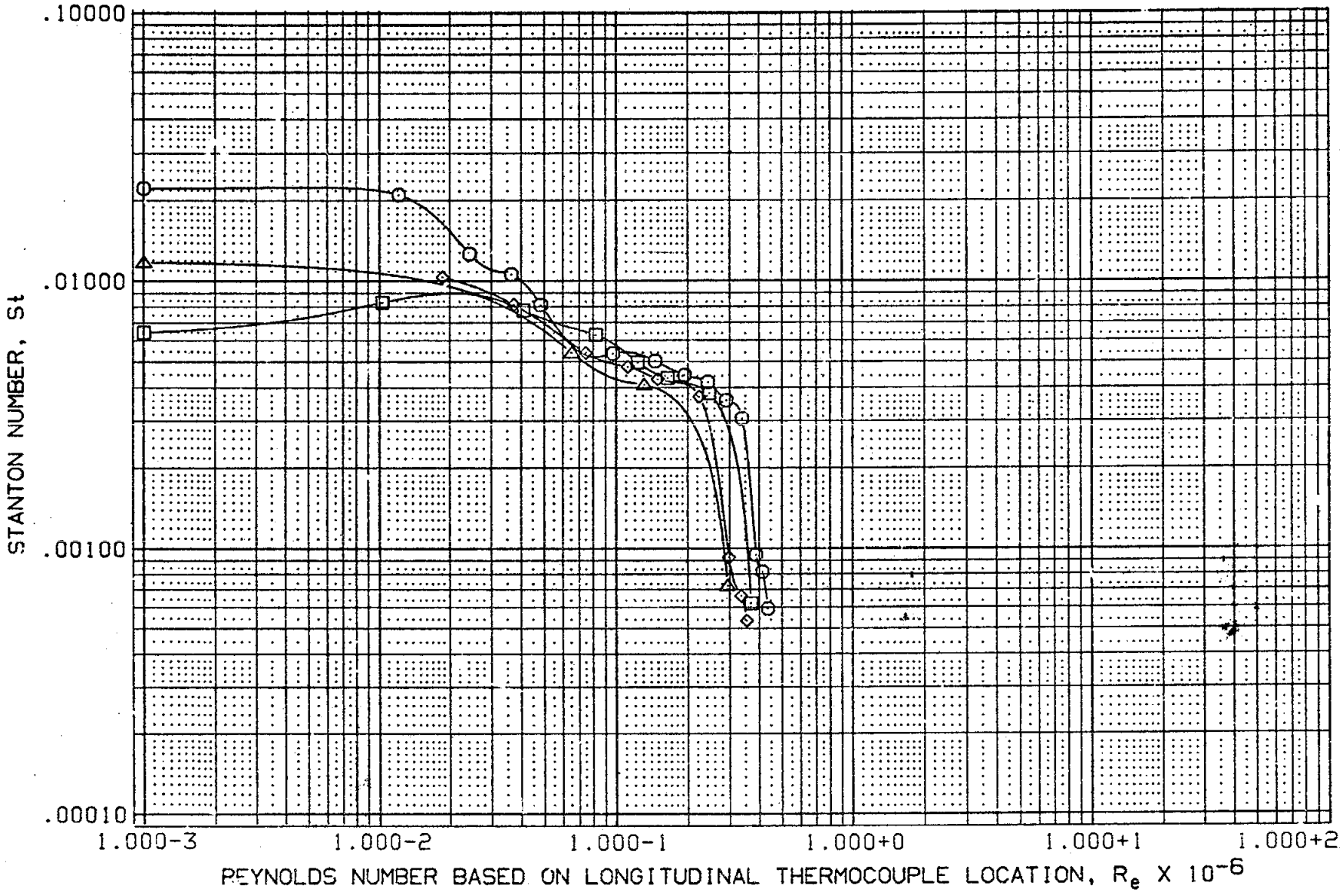

FIGURE 18 WING LOWER SURFACE (ALPHA = 30, RE/FT = 1.0X10+6)

(CE2417) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.912	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

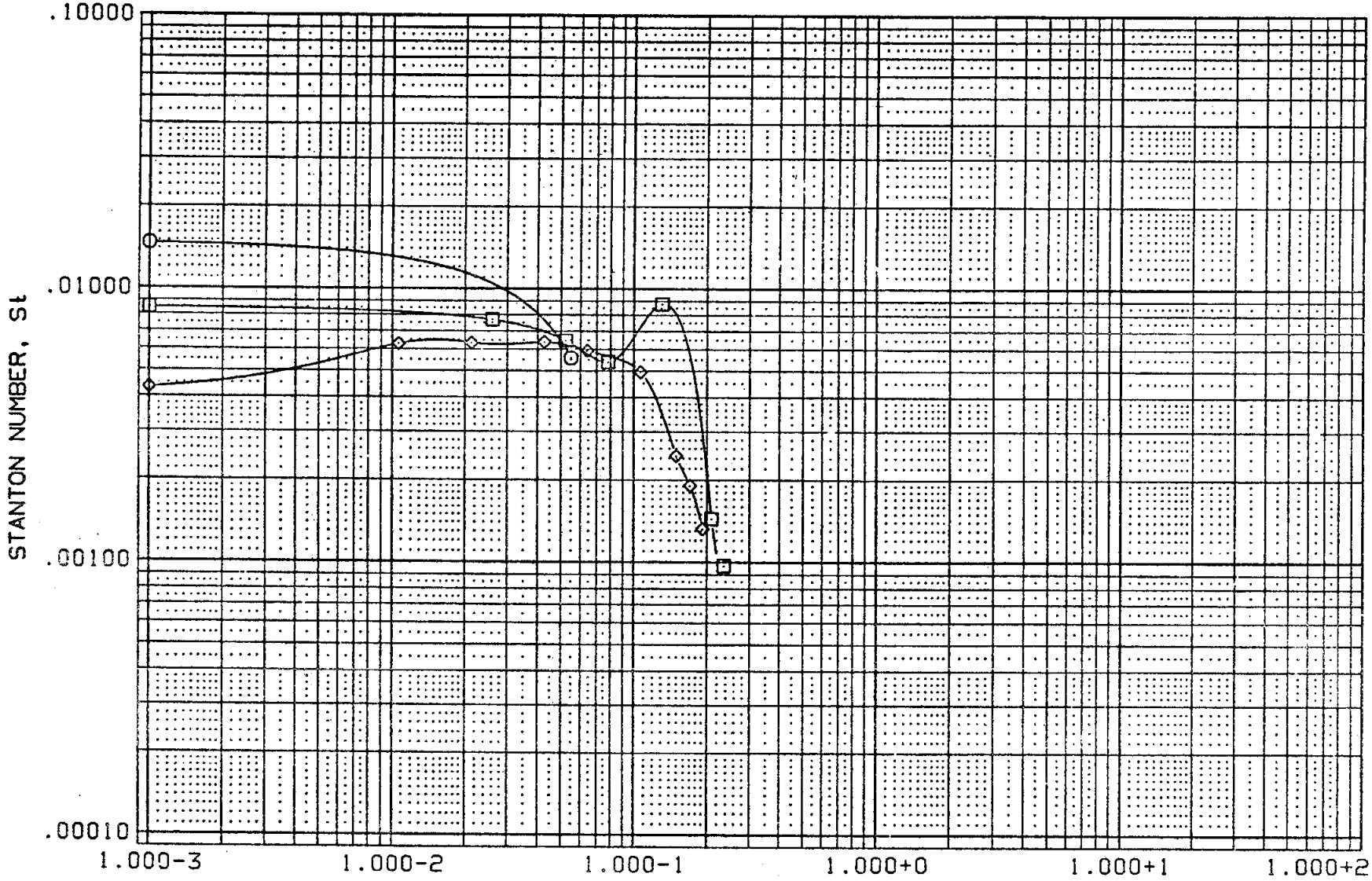

FIGURE 18 WING LOWER SURFACE (ALPHA = 30, RE/FT = 1.0X10+6)

(CE2301) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.912	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

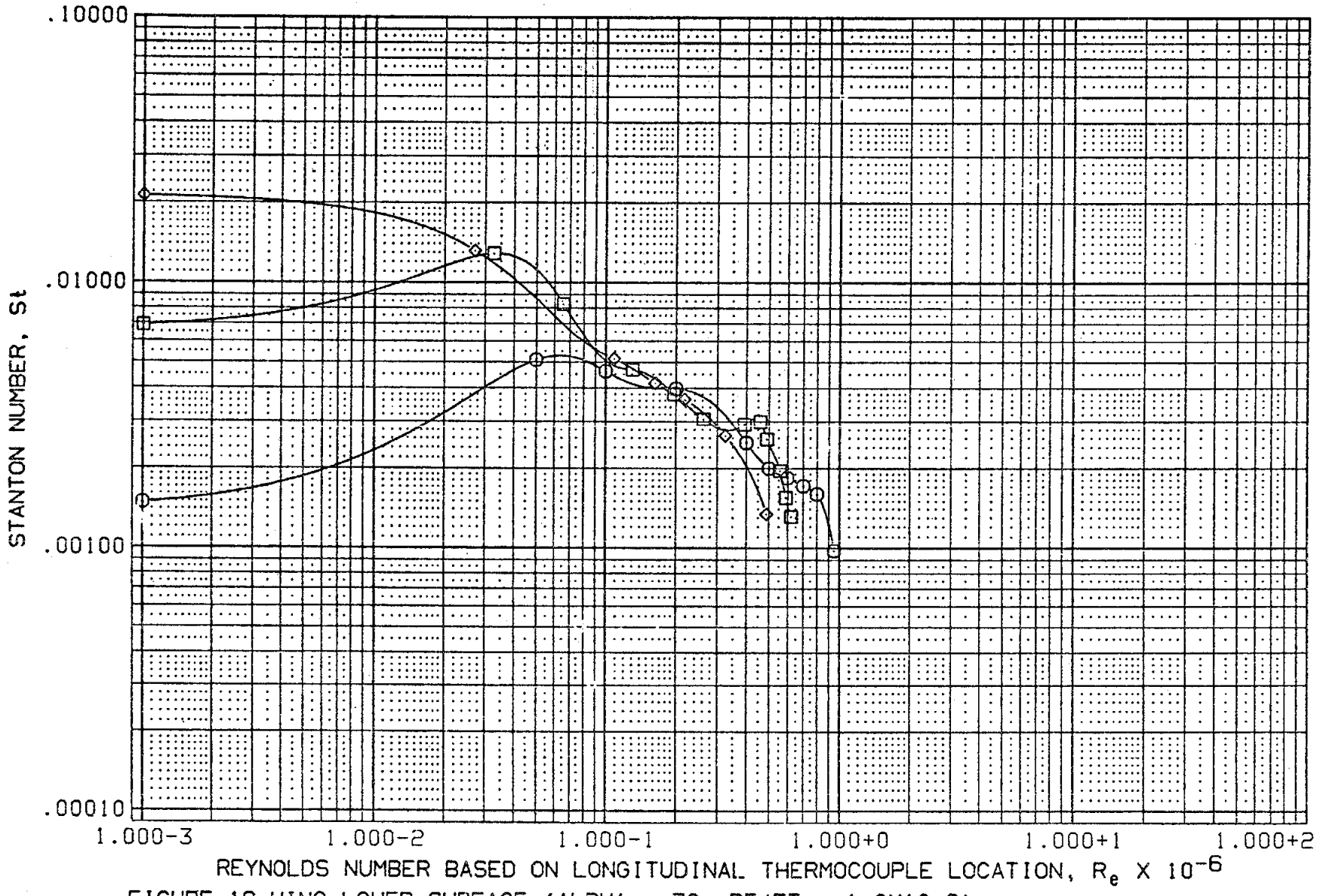

FIGURE 18 WING LOWER SURFACE (ALPHA = 30, RE/FT = 1.0X10+6)

(CE2401) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.912	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

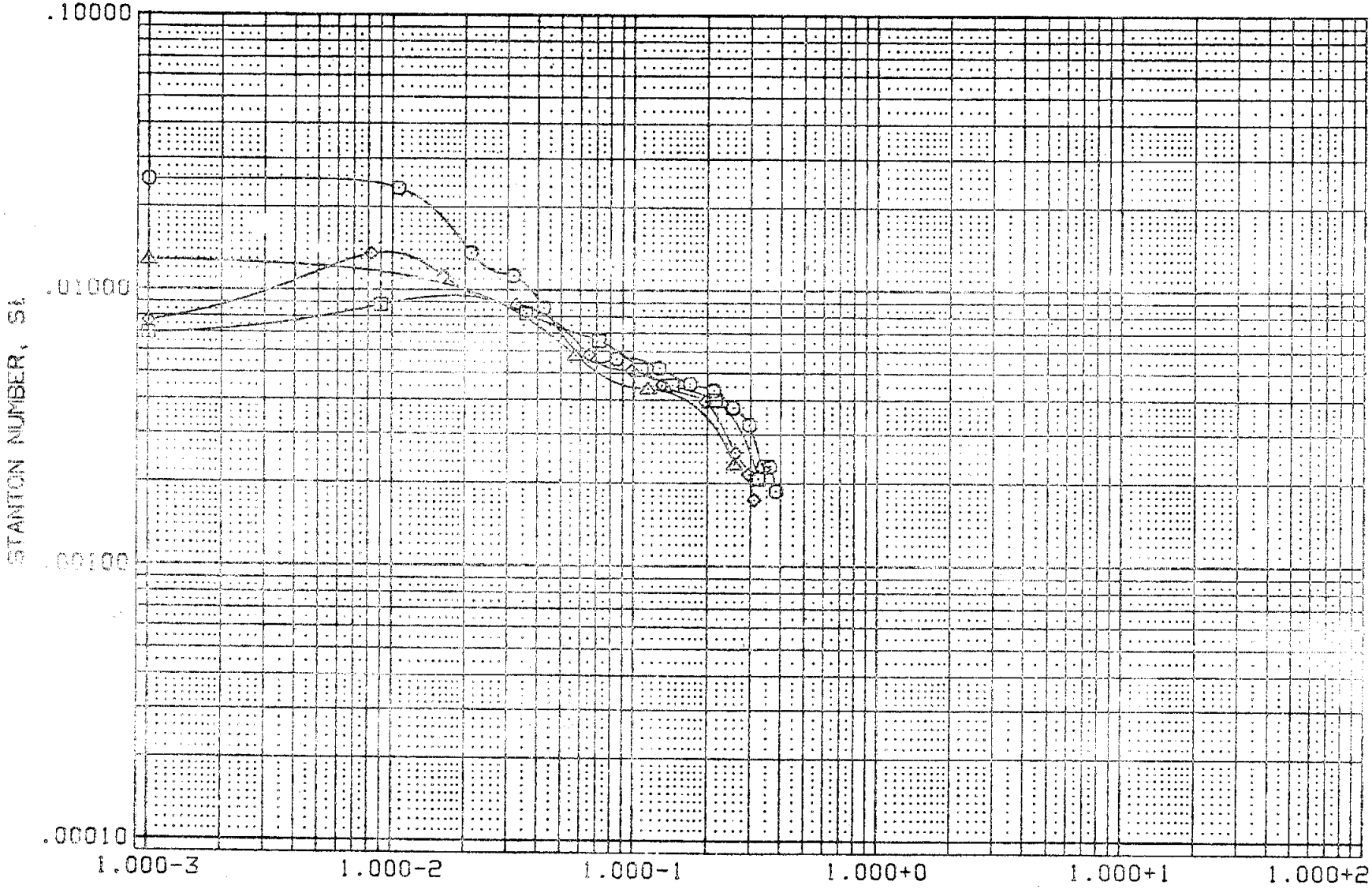

FIGURE 18 WING LOWER SURFACE (ALPHA = 30, RE/FT = 1.0X10+6)

(CE2401) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.912	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	1.000

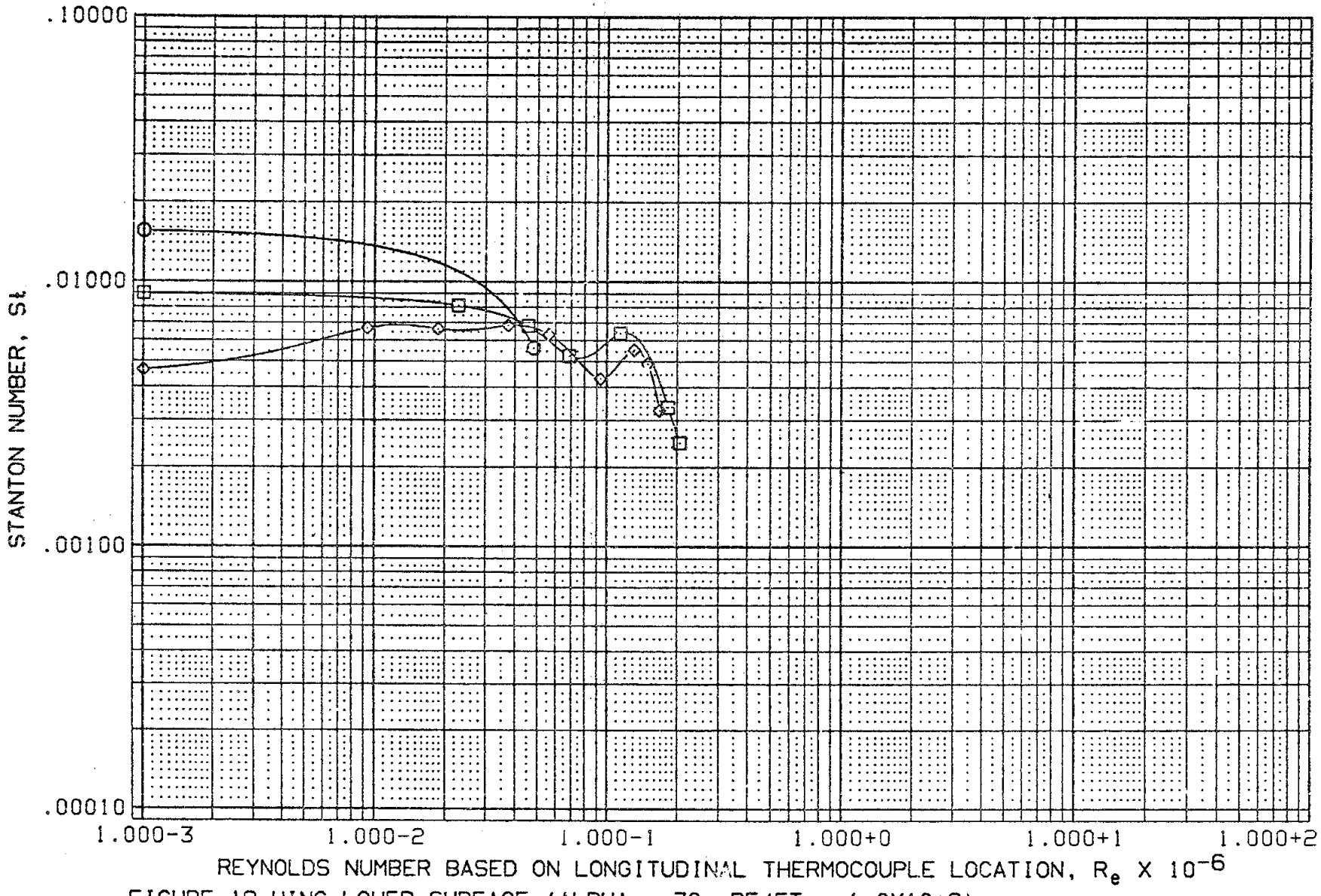

FIGURE 18 WING LOWER SURFACE (ALPHA = 30, RE/FT = 1.0X10+6)

(CE2308) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.912	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	1.000

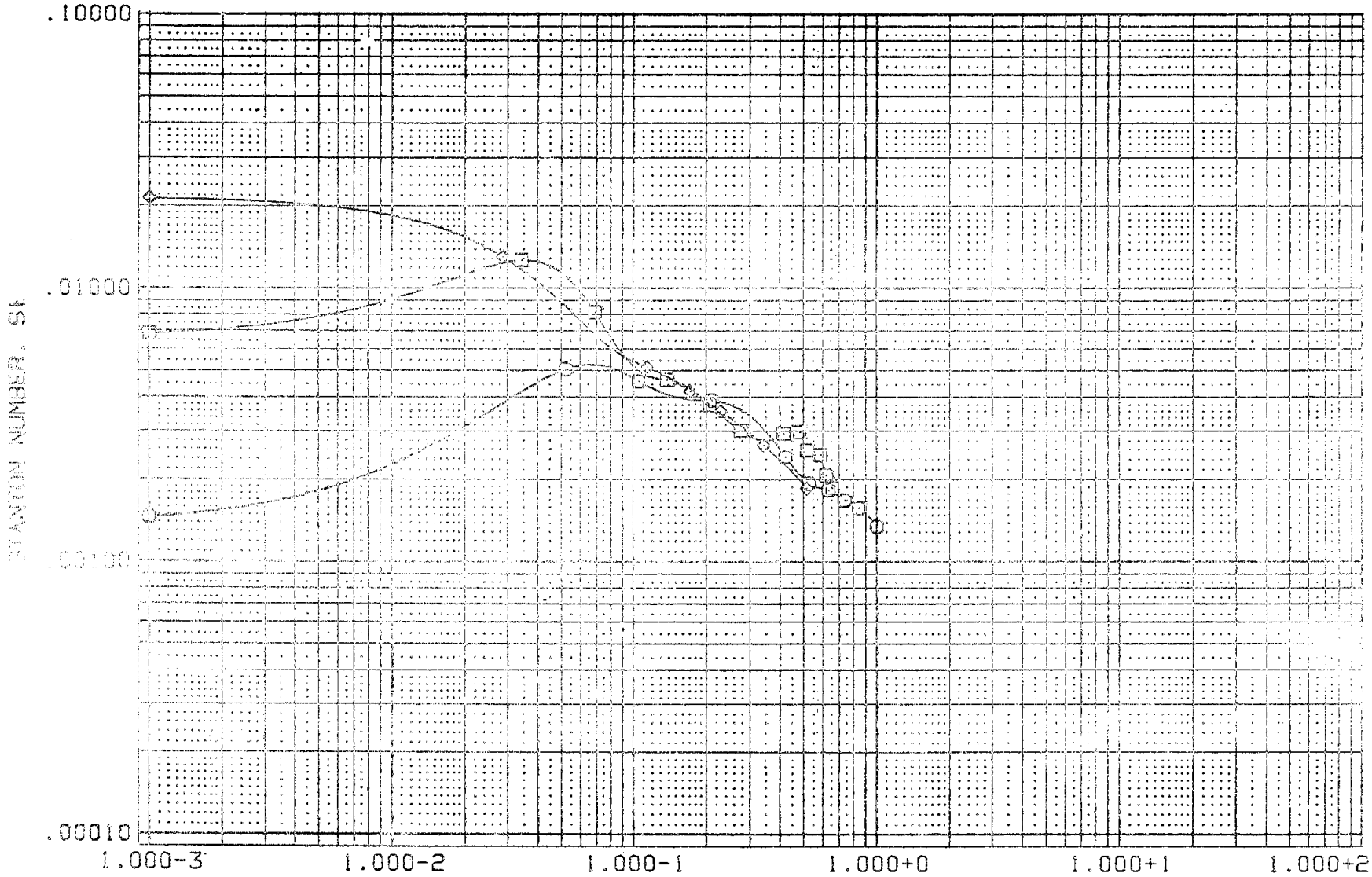

FIGURE 18 WING LOWER SURFACE (ALPHA = 30, RE/FT = 1.0X10+6)

(CE2408) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.912	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	1.000

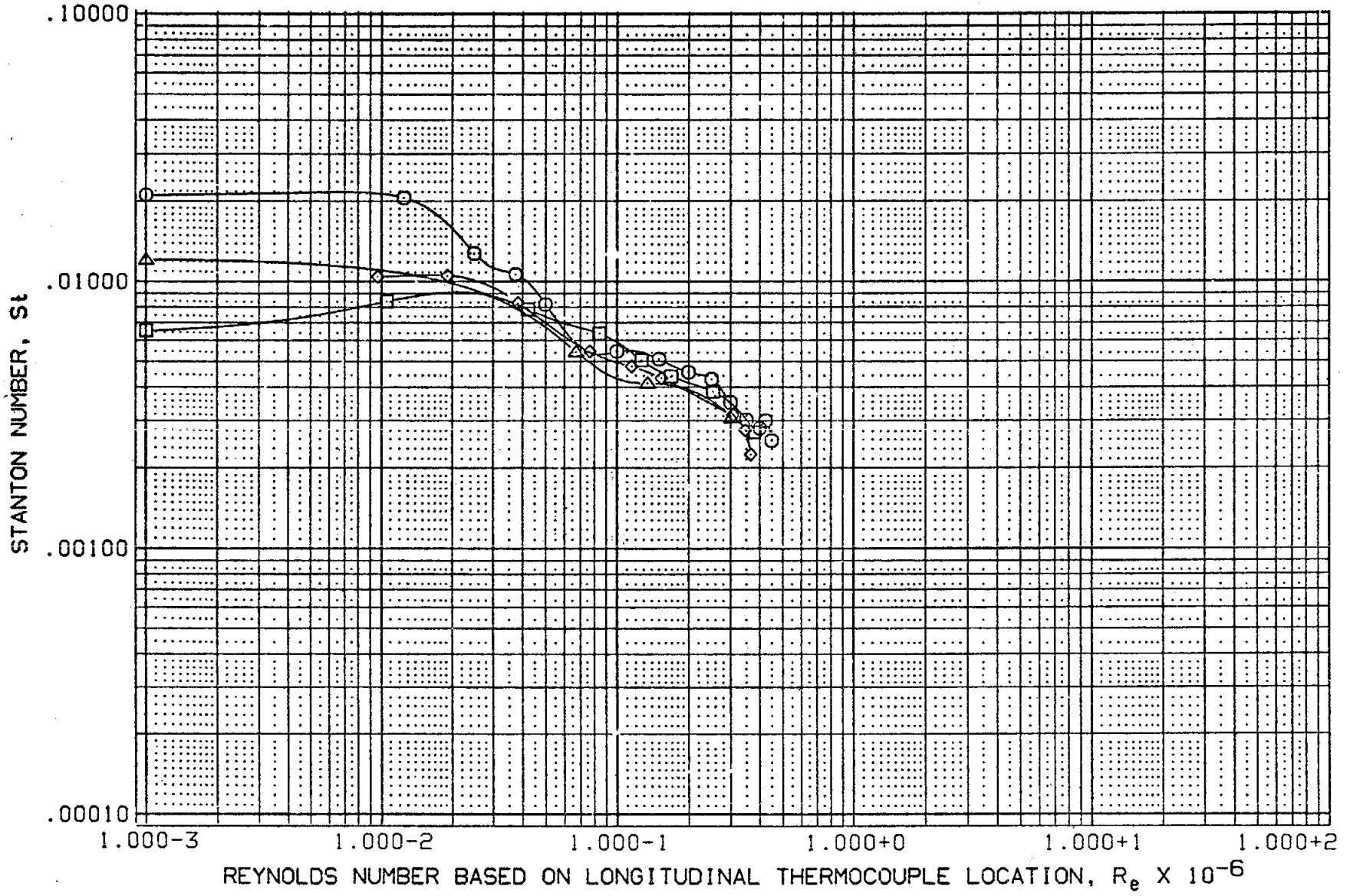

FIGURE 18 WING LOWER SURFACE (ALPHA = 30, RE/FT = 1.0X10+6)

(CE2408) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.912	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	1.000

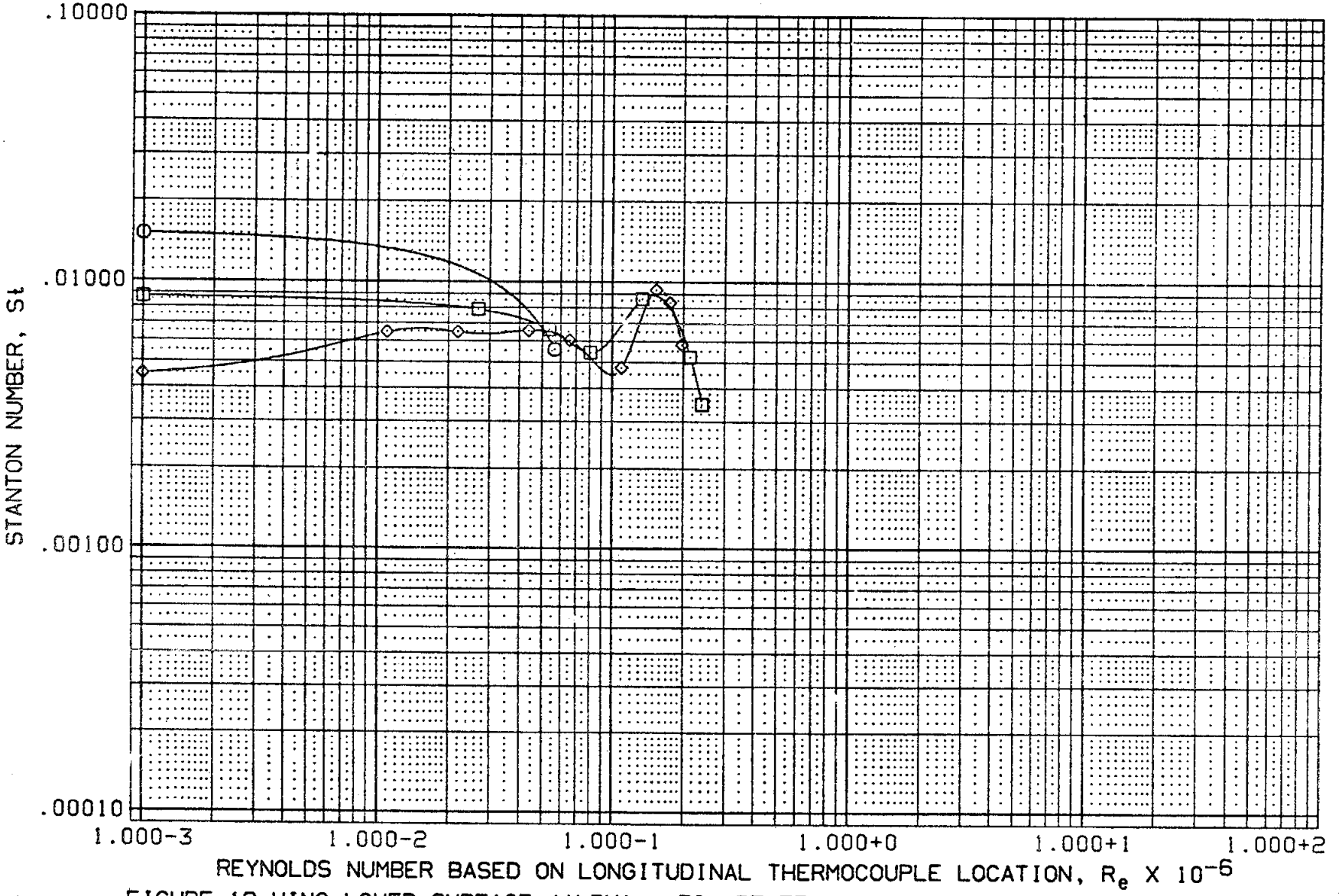

FIGURE 18 WING LOWER SURFACE (ALPHA = 30, RE/FT = 1.0X10+6)

(BE2219) ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE

SYMBOL	PHI	HAW/HT	MACH
O	.000	.912	7.320

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-30.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

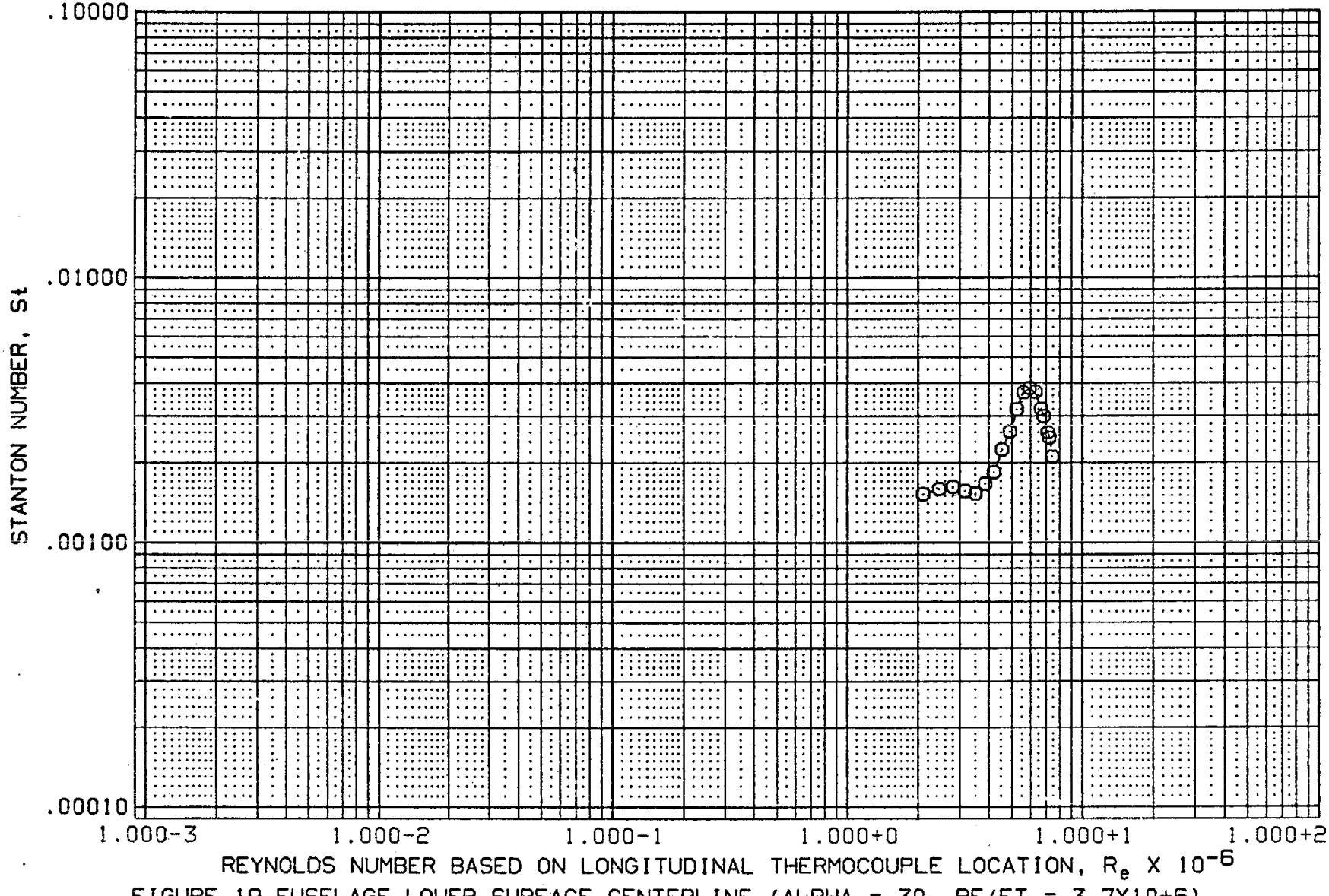

FIGURE 19 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 30, RE/FT = 3.7X10+6)

(BE2218) ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE

SYMBOL	PHI	HAW/HT	MACH
O	.000	.912	7.320

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

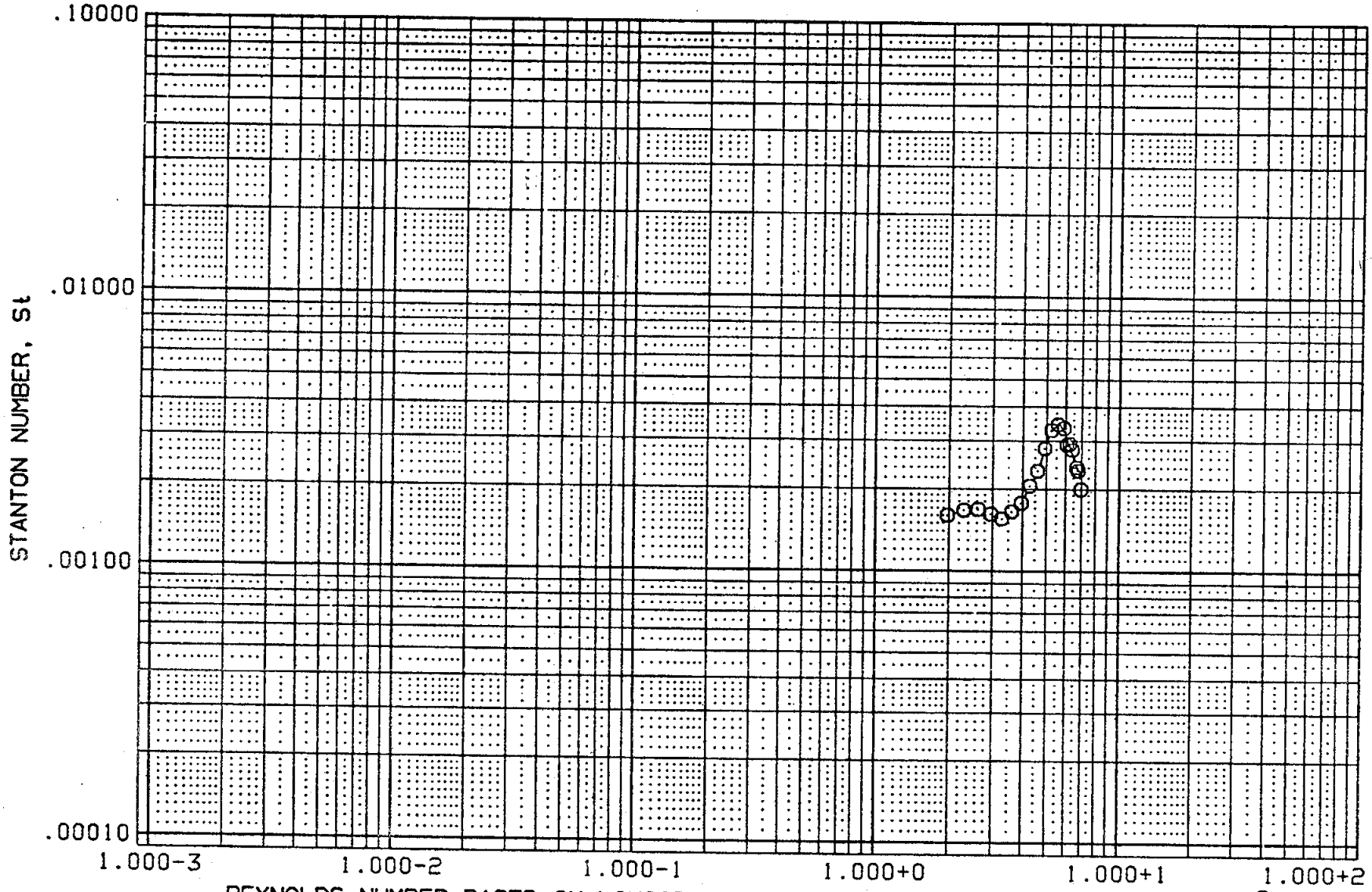

FIGURE 19 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 30, RE/FT = 3.7X10+6)

(BE2214) ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE

SYMBOL	PHI	HAW/HT	MACH
O	.000	.912	7.320

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-7.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

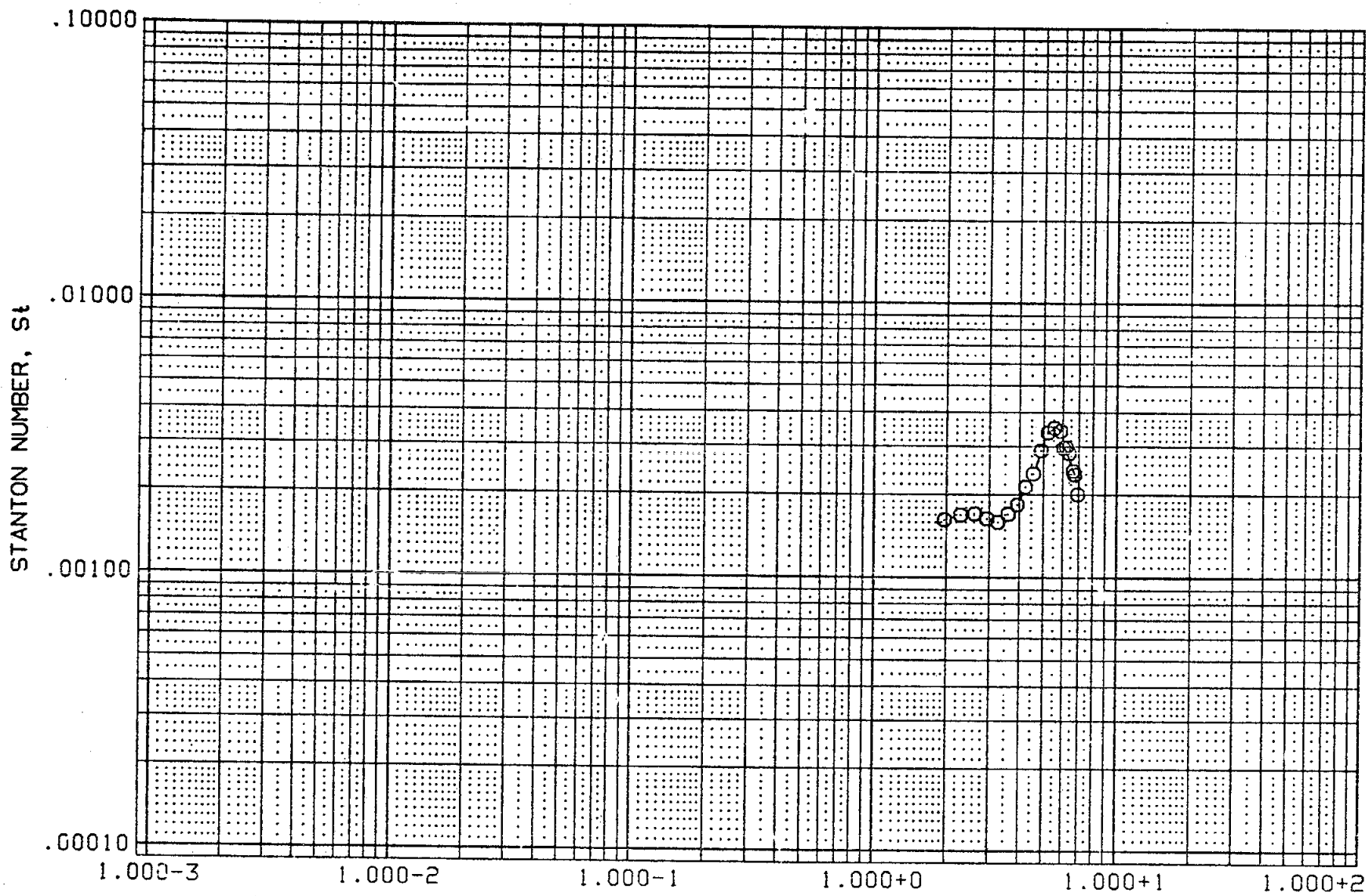

FIGURE 19 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 30, RE/FT = 3.7X10+6)

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVON	BDFLAP
(CE2102)	○	ARC 3.5-199 OH26 (01) FWD BOTTOM CENTER LINE	30.000	.000	.000
(BE2202)	□	ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE	30.000	.000	.000

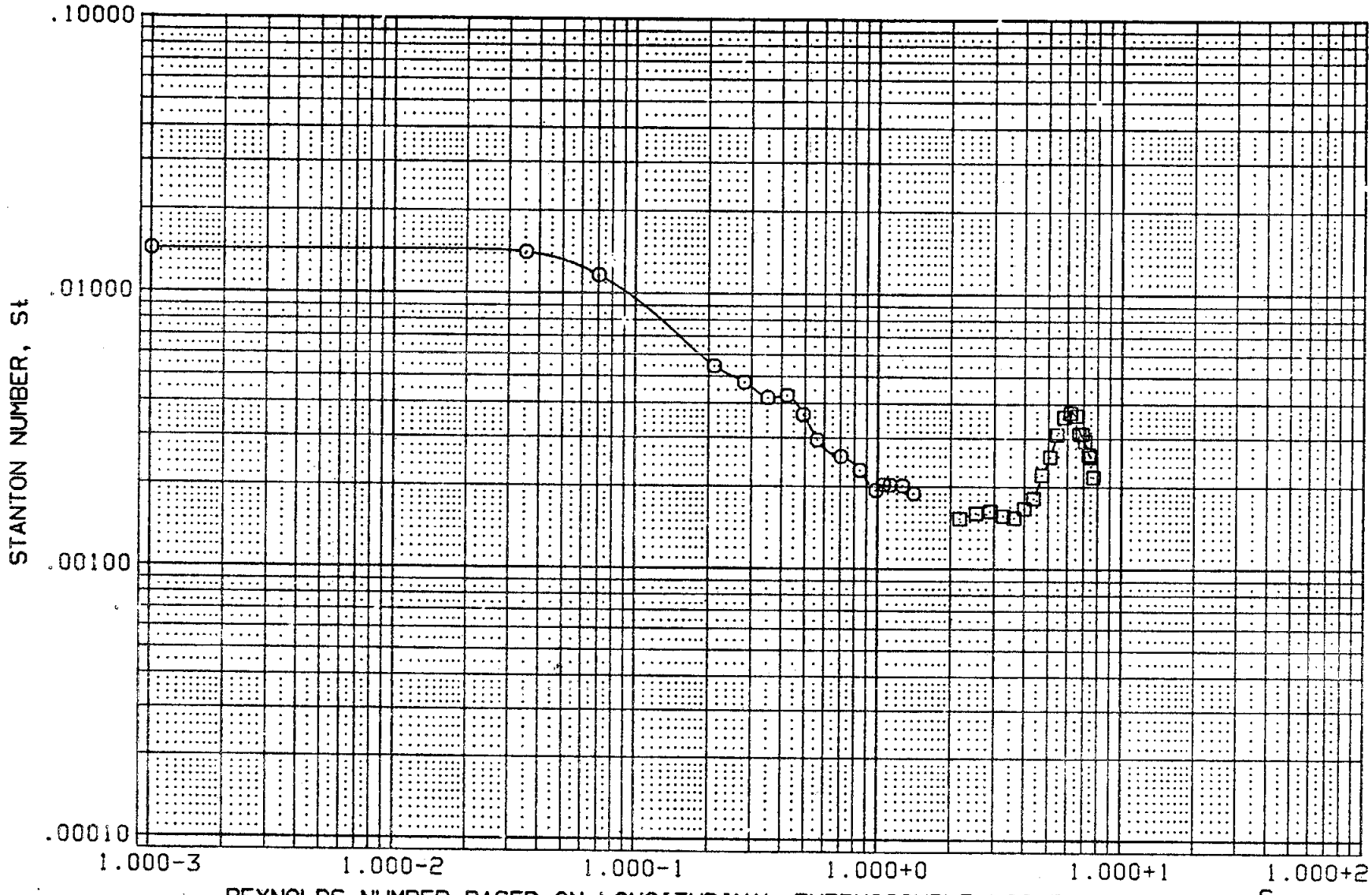

FIGURE 19 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 30, RE/FT = 3.7X10+6)

MACH = 7.320 HAW/HT = .912 PHI = .000

(BE2209) ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE

SYMBOL	PHI	HAW/HT	MACH
O	.000	.912	7.320

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	3.700

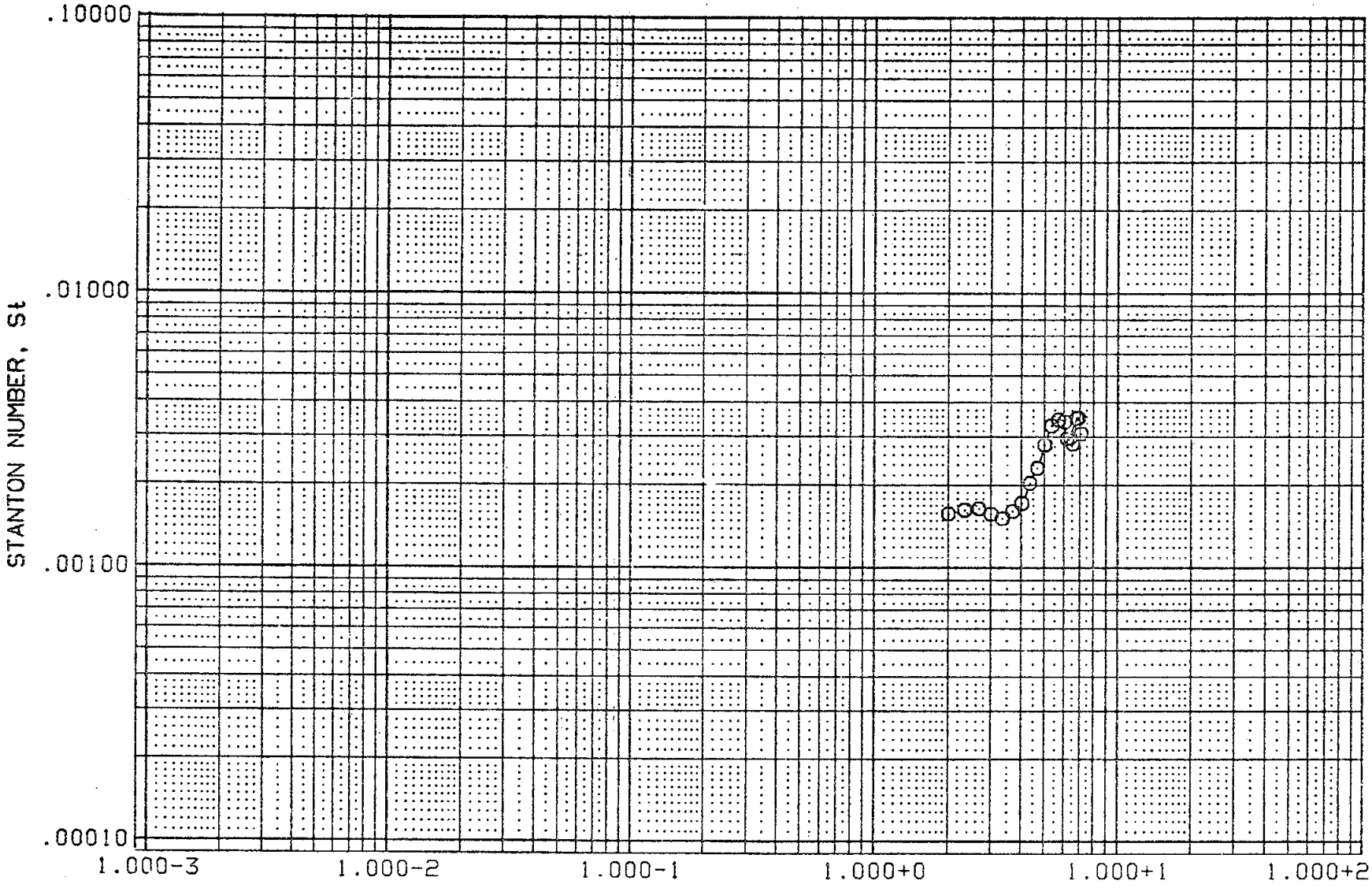

FIGURE 19 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 30, RE/FT = 3.7X10+6)

(BE2519) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.912	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-30.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

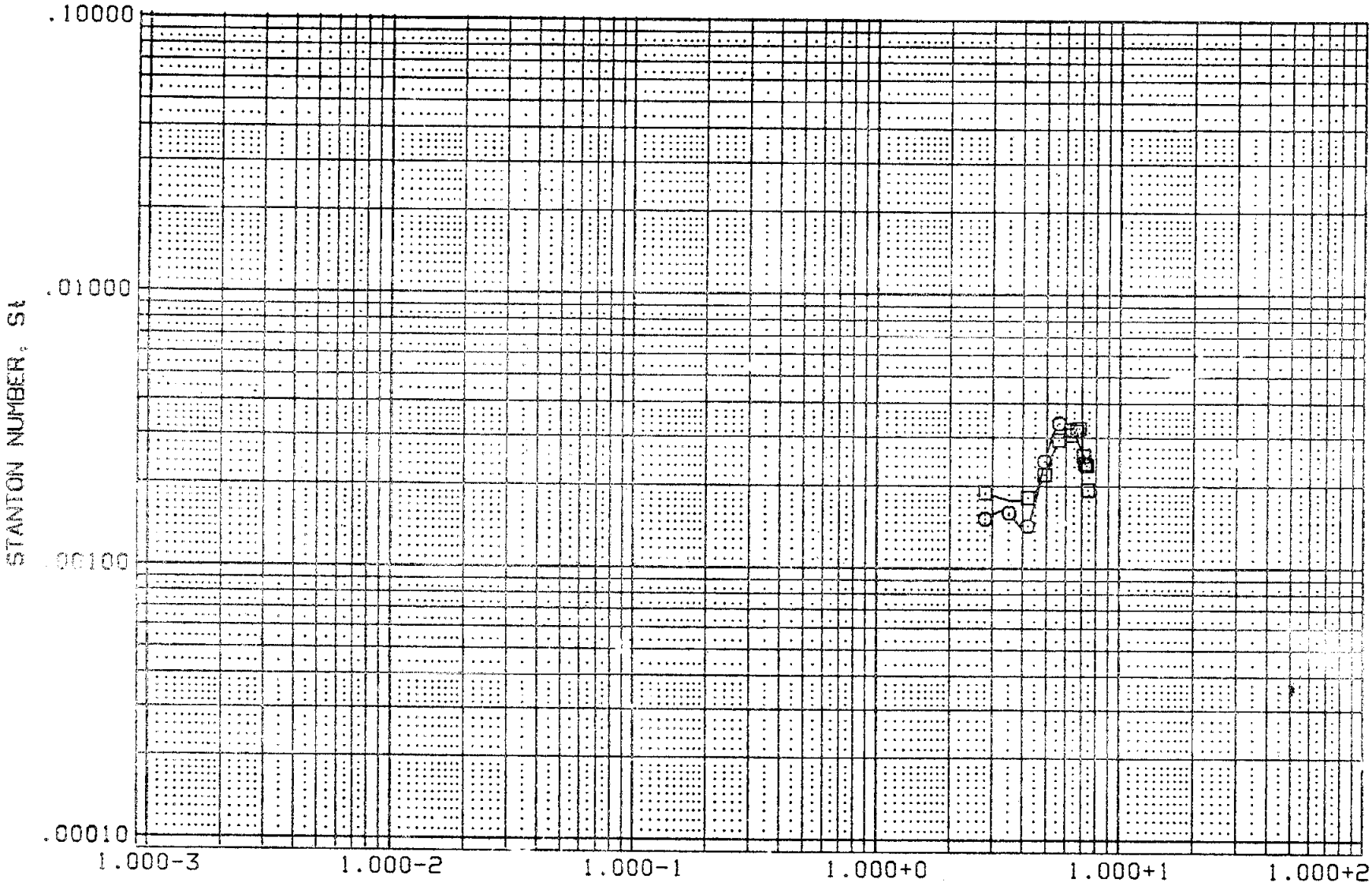

FIGURE 20 FUSELAGE LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(BE2518) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.912	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

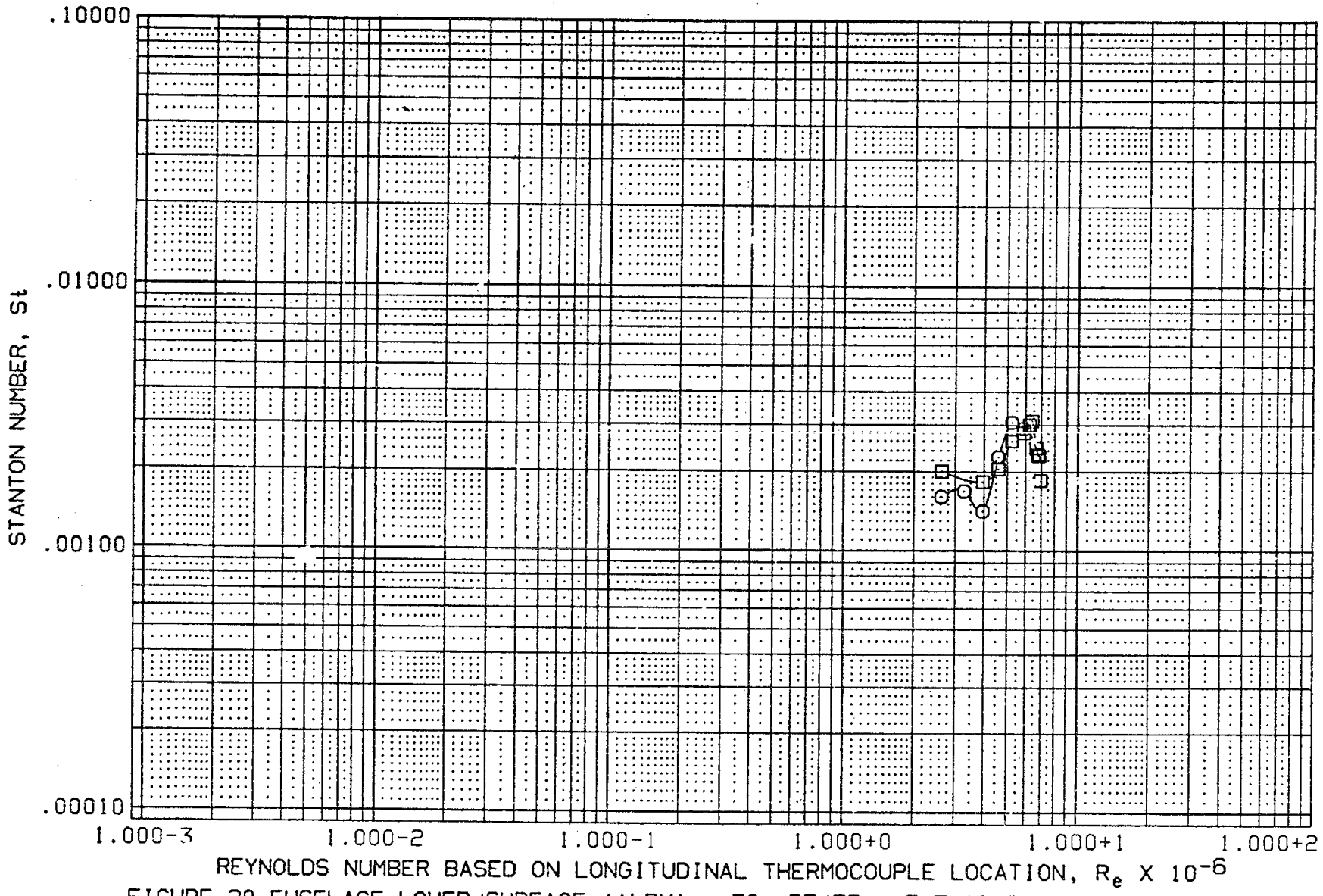

FIGURE 20 FUSELAGE LOWER/SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(BE2514) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.912	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-7.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

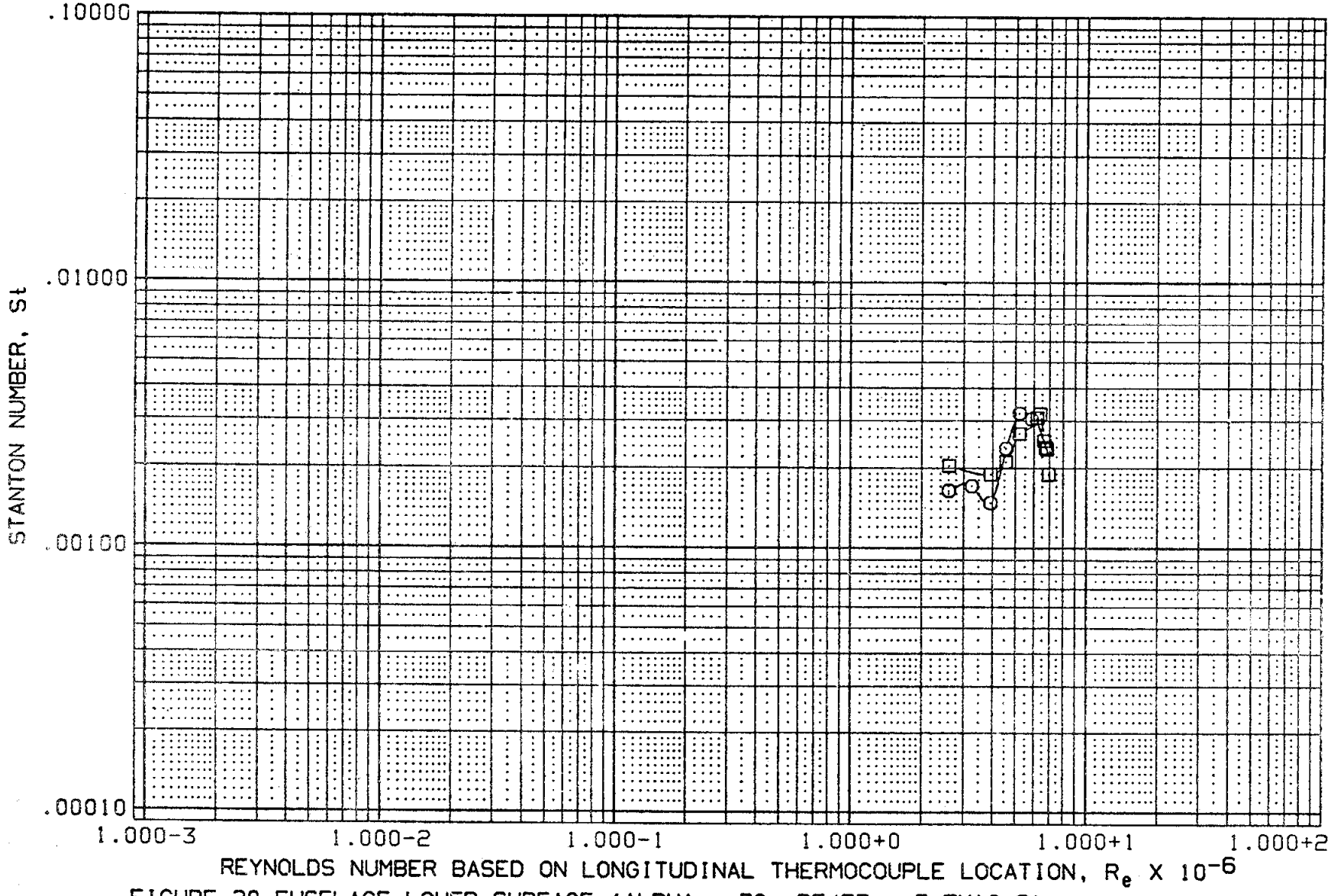

FIGURE 20 FUSELAGE LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(BE2502) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.912	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

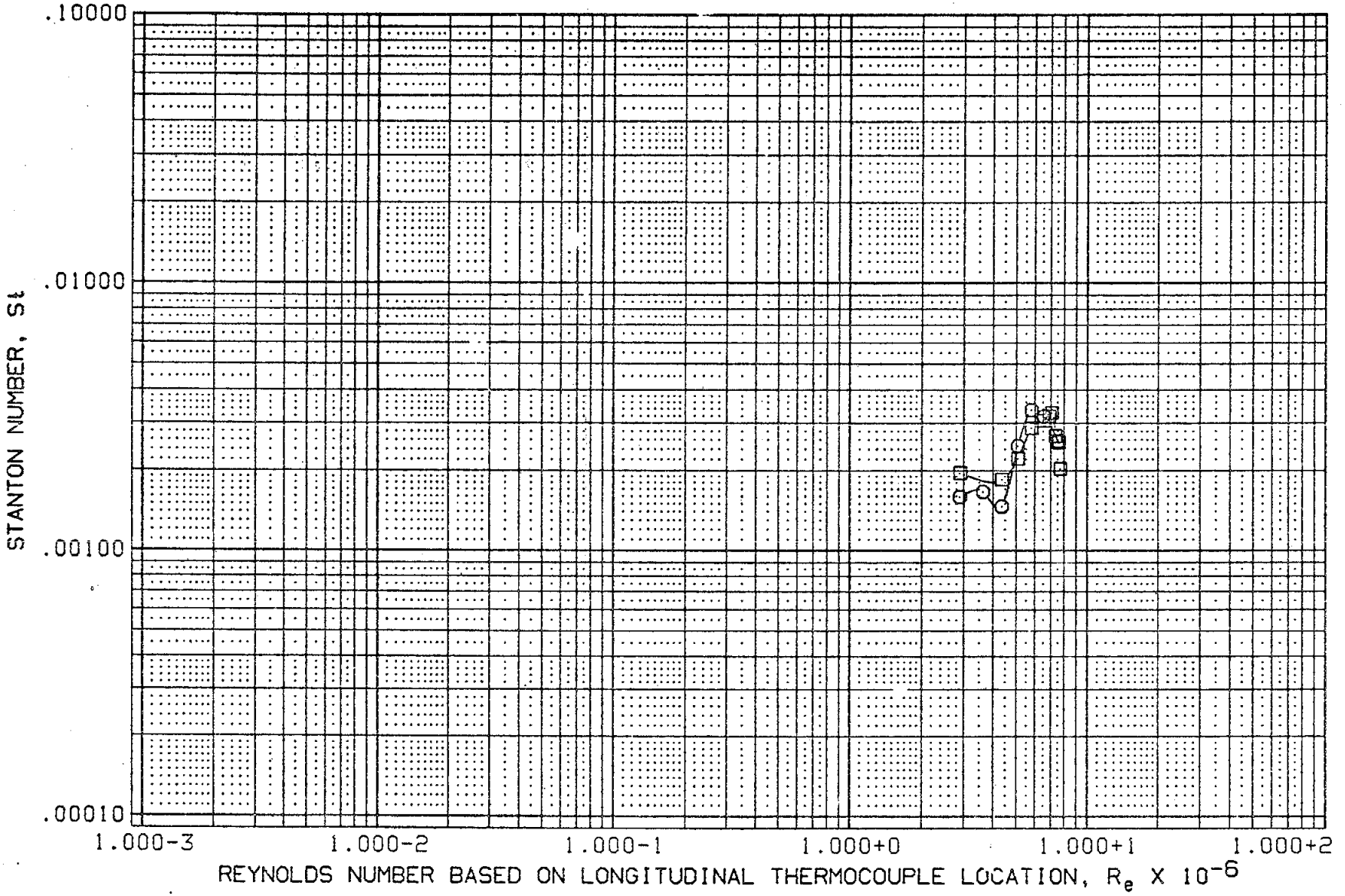

FIGURE 20 FUSELAGE LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(BE2509) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.912	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	3.700

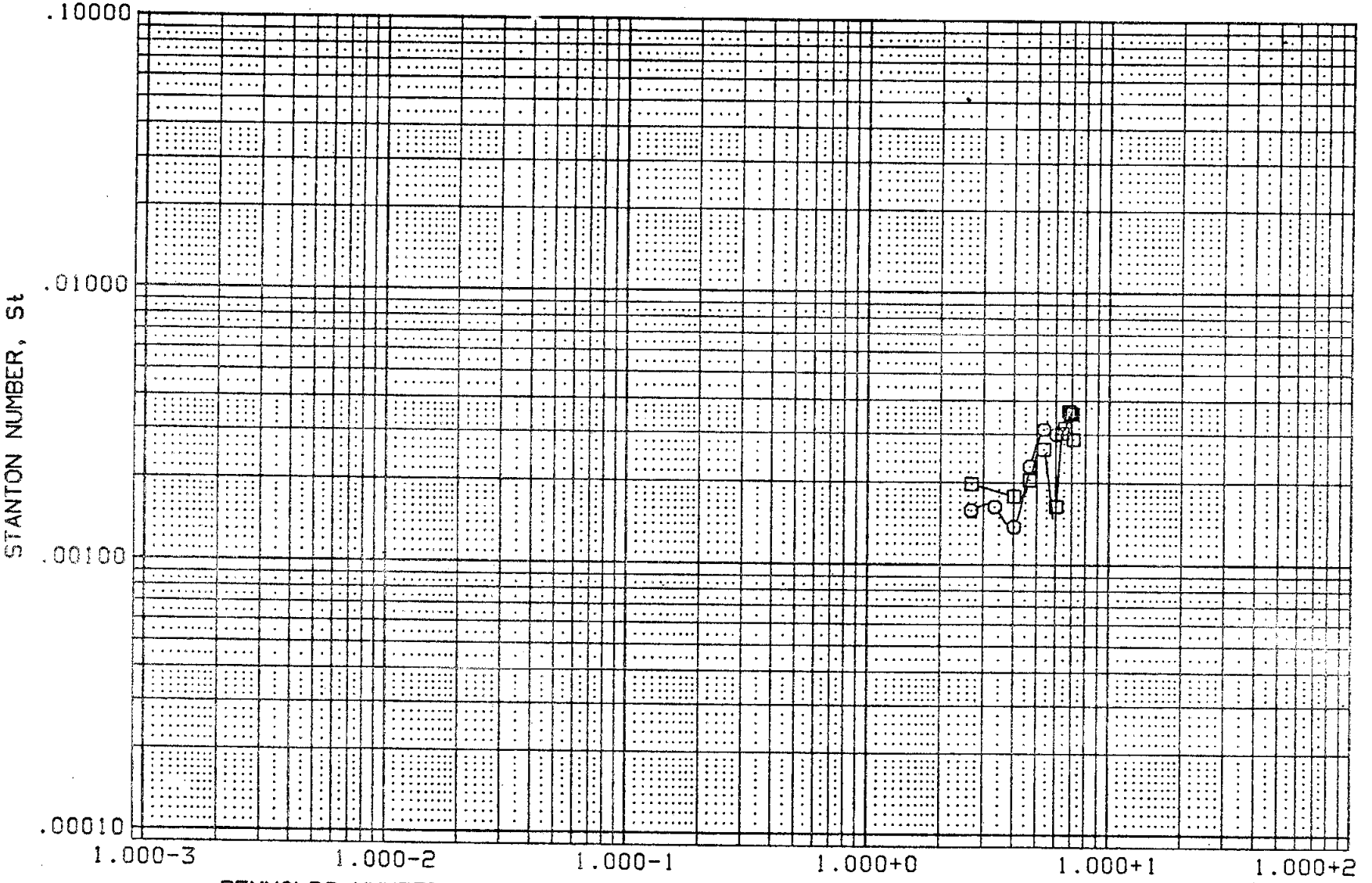

FIGURE 20 FUSELAGE LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(CE2319) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.912	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-30.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

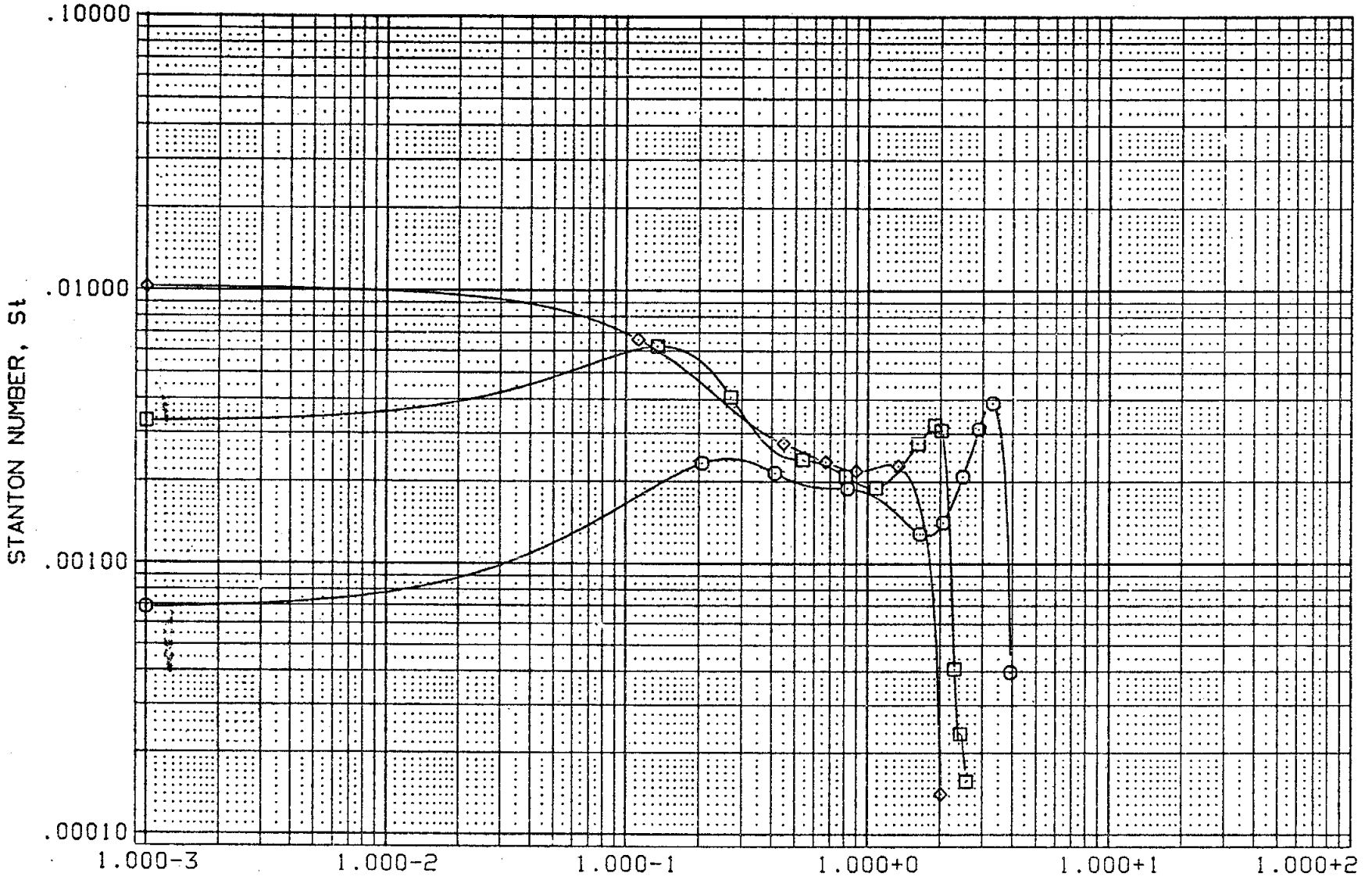

FIGURE 21 WING LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(CE2419) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.912	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-30.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

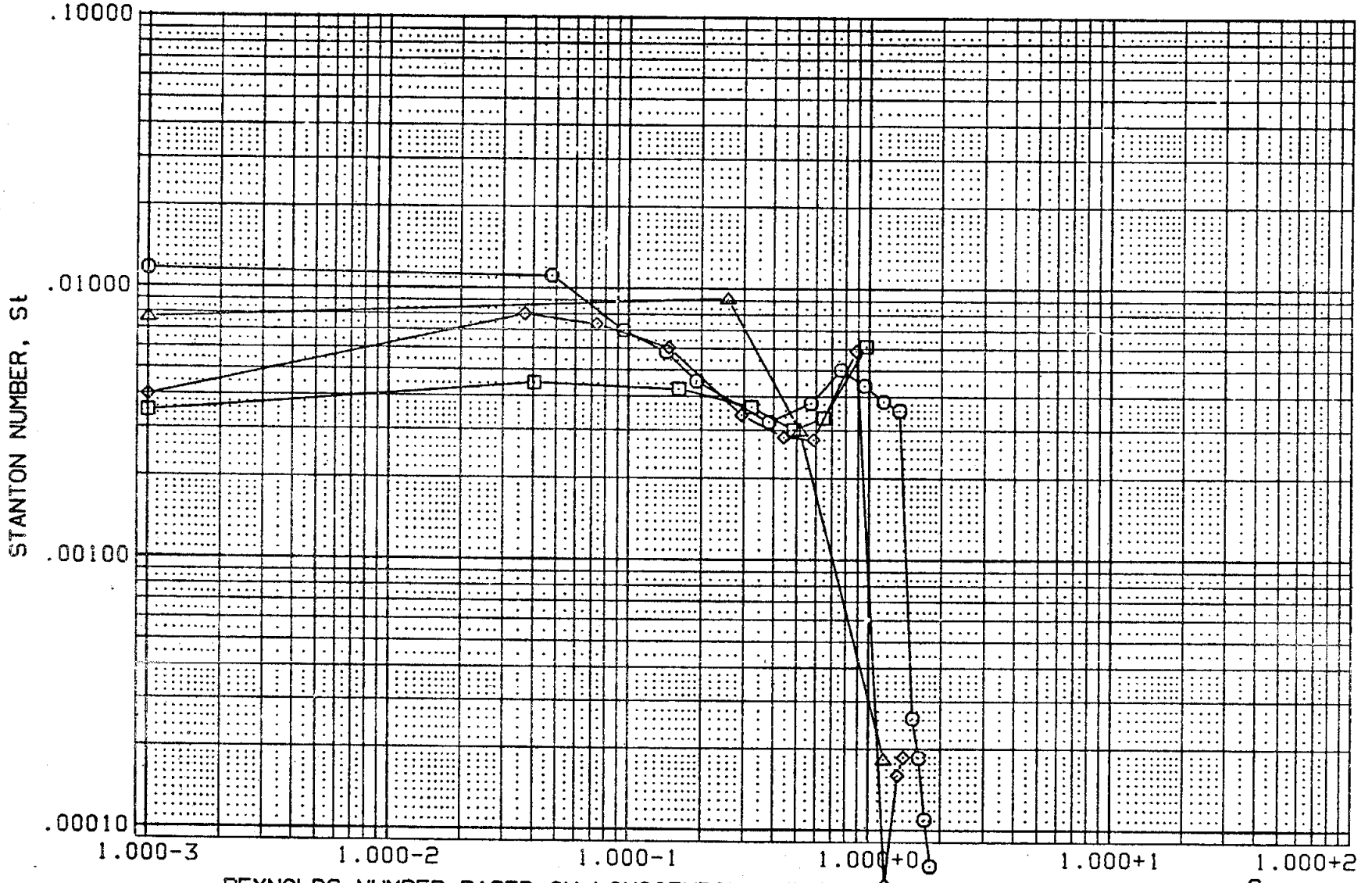

FIGURE 21 WING LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(CE2419) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.912	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-30.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

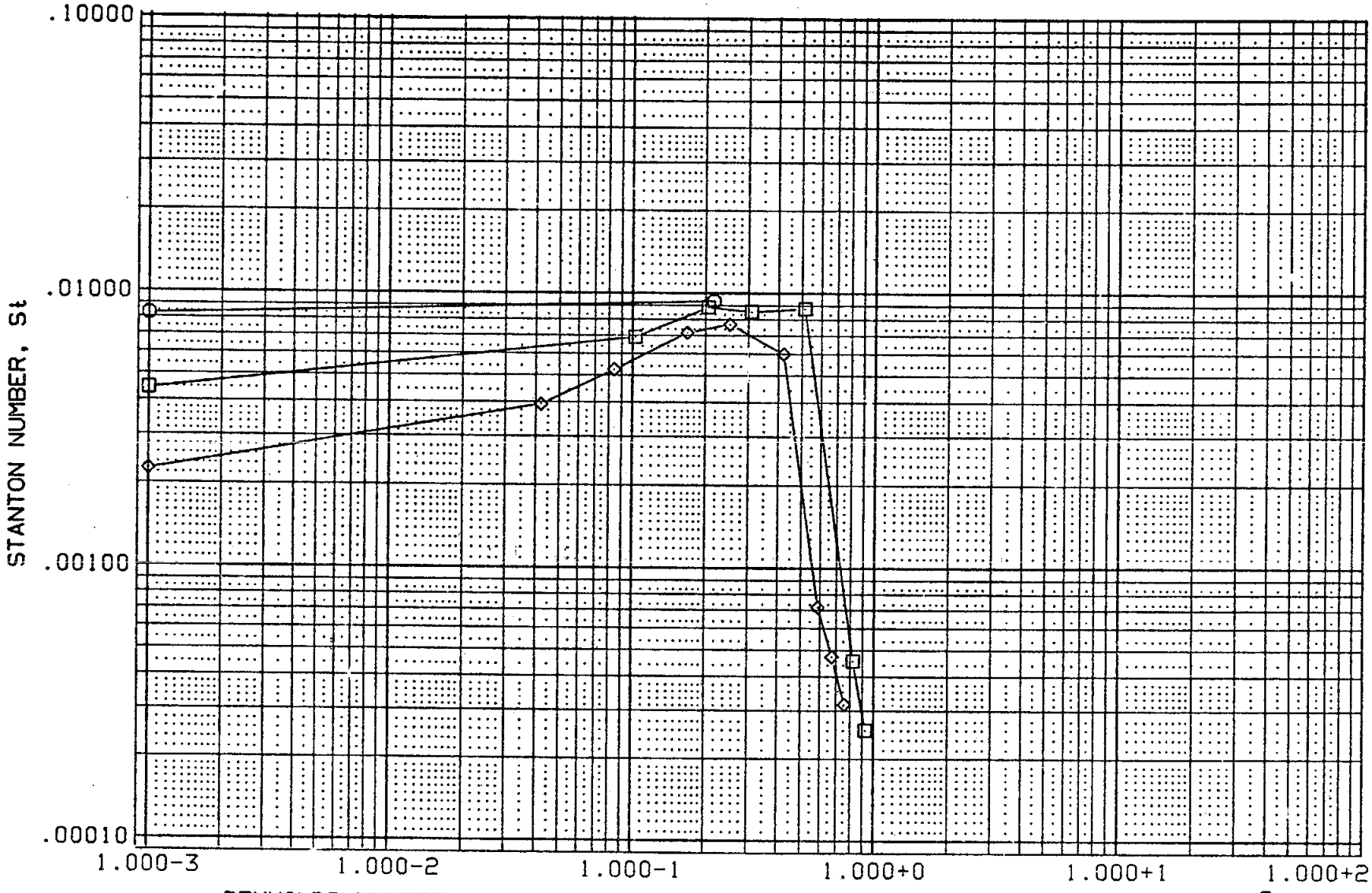

FIGURE 21 WING LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(CE2318) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.912	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

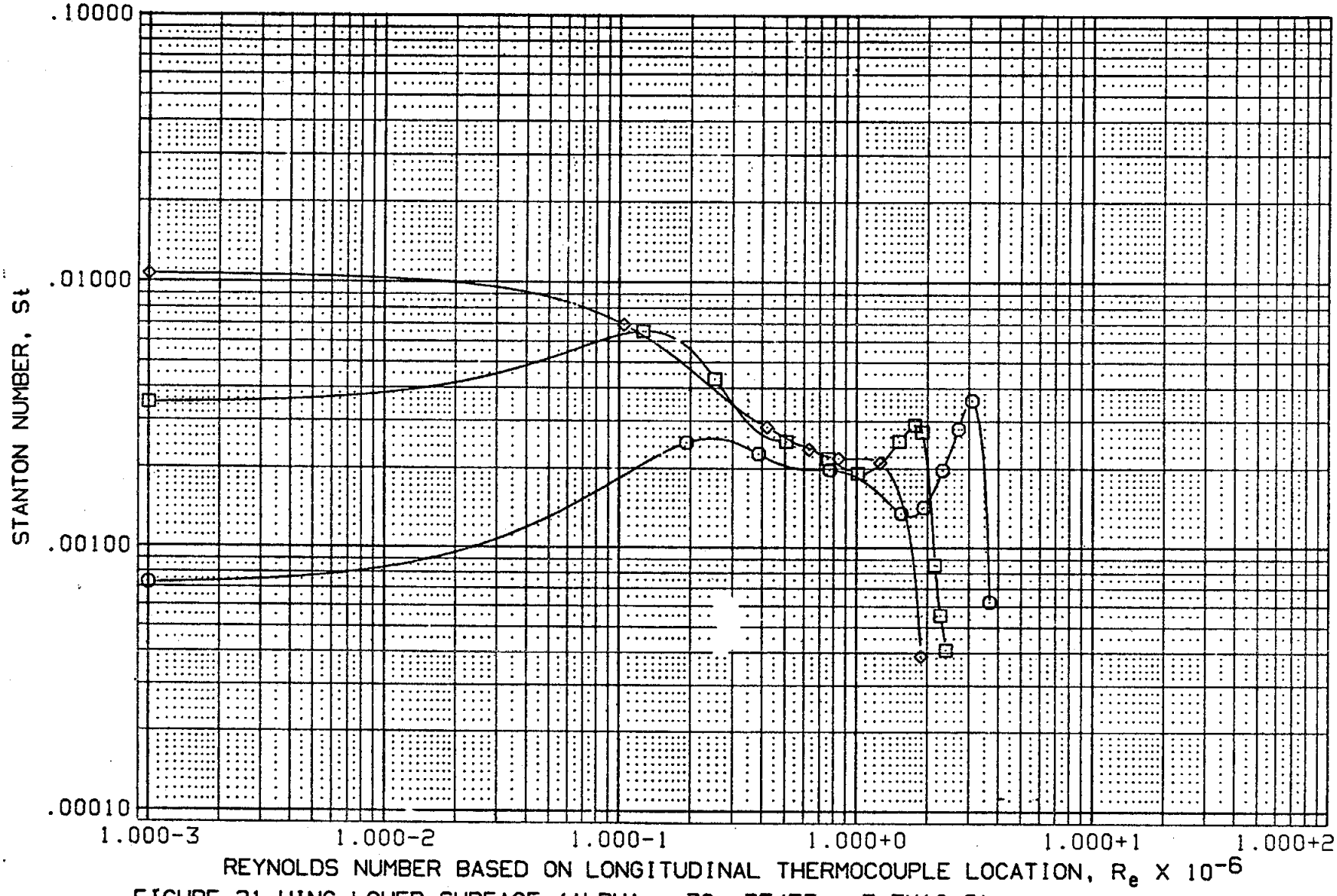

FIGURE 21 WING LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(CE2418) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFAC

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.912	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

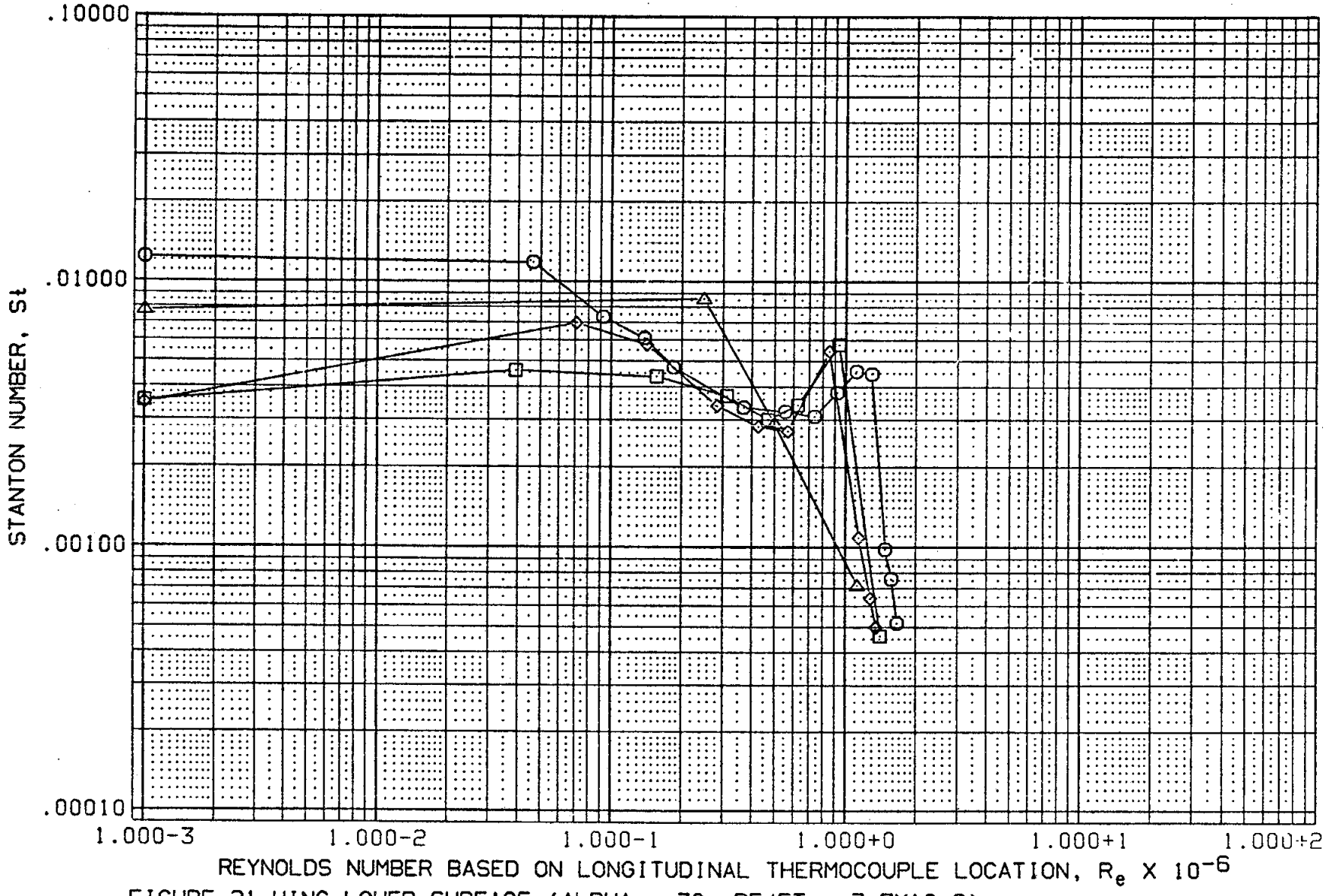

FIGURE 21 WING LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(CE2418) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFAC

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.912	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-15.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

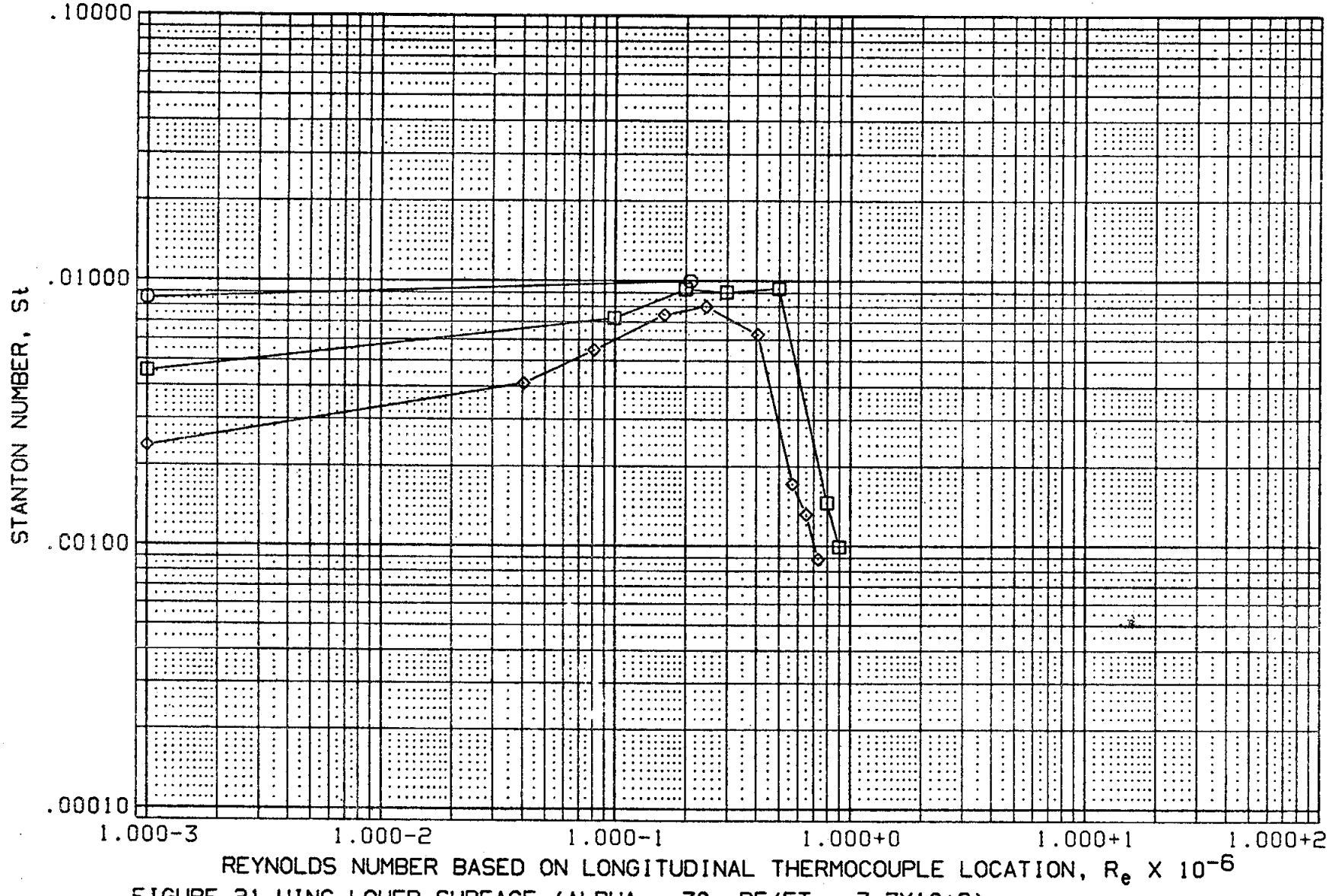

FIGURE 21 WING LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(CE2314) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.912	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-7.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

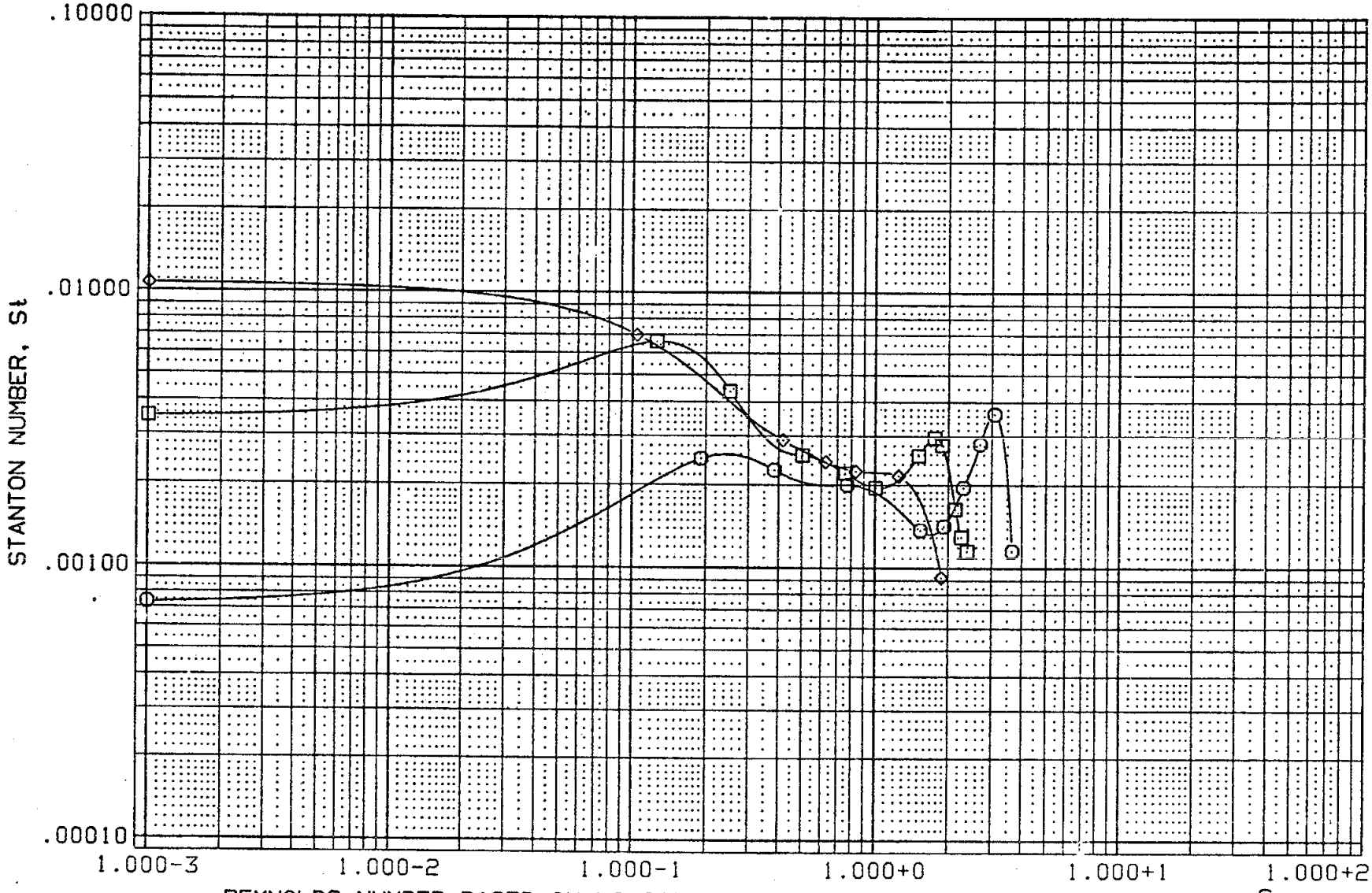

FIGURE 21 WING LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(CE2414) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFAC

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.912	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-7.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

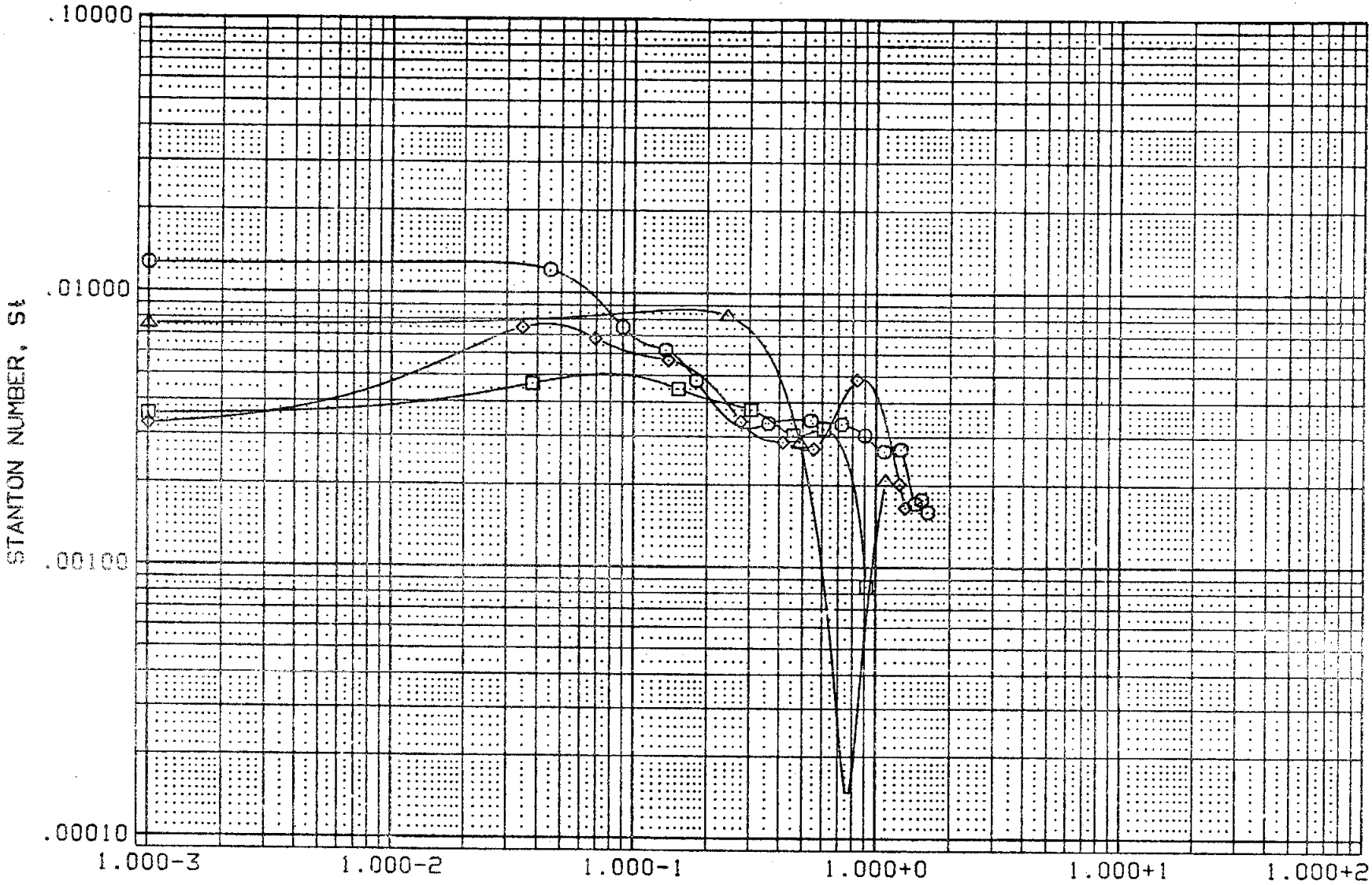

FIGURE 21 WING LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(CE2414) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFAC

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.912	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	-7.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

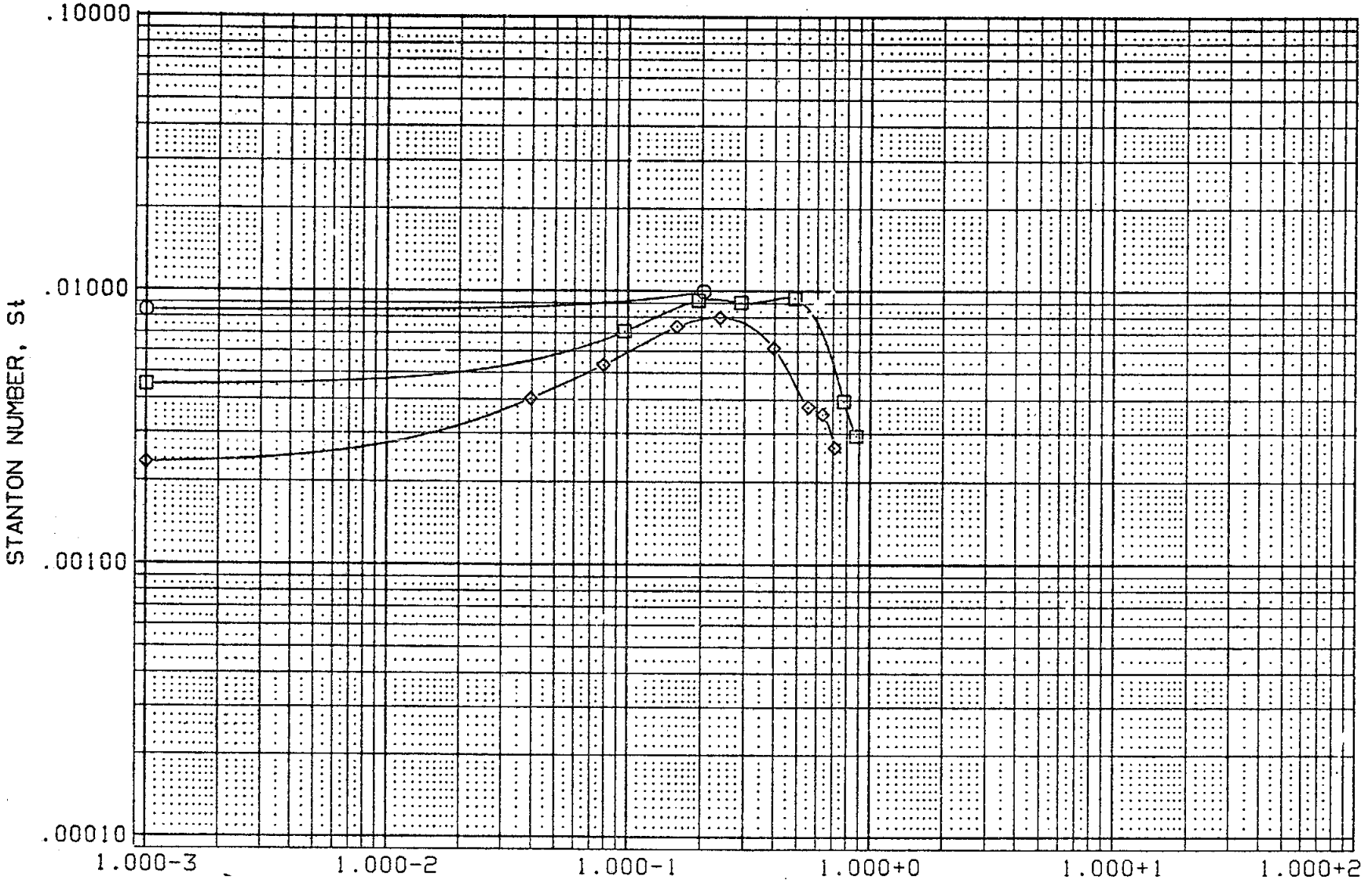

FIGURE 21 WING LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(CE2302) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.912	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

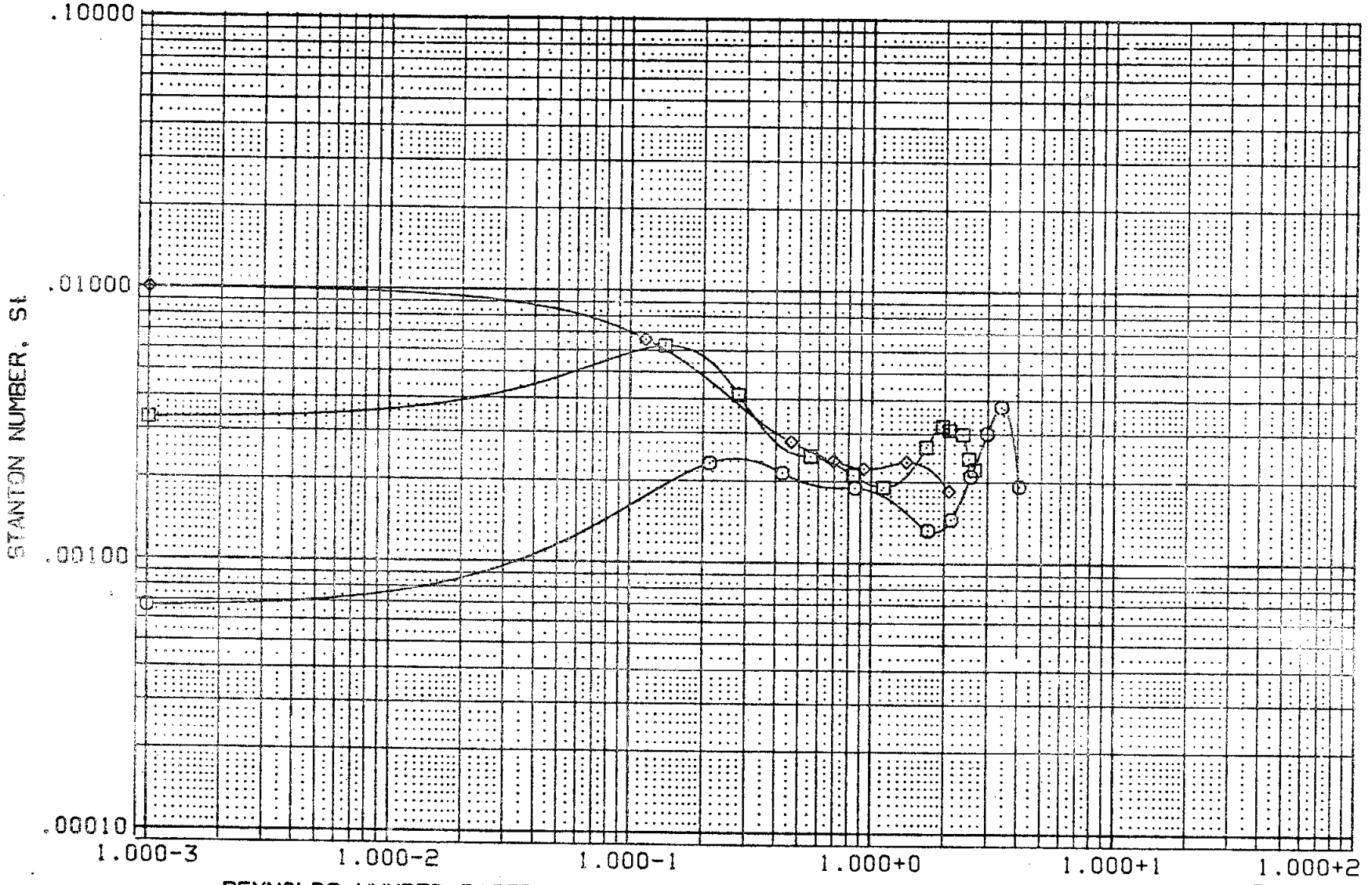

FIGURE 21 WING LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(CE2402) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFAC

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.912	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

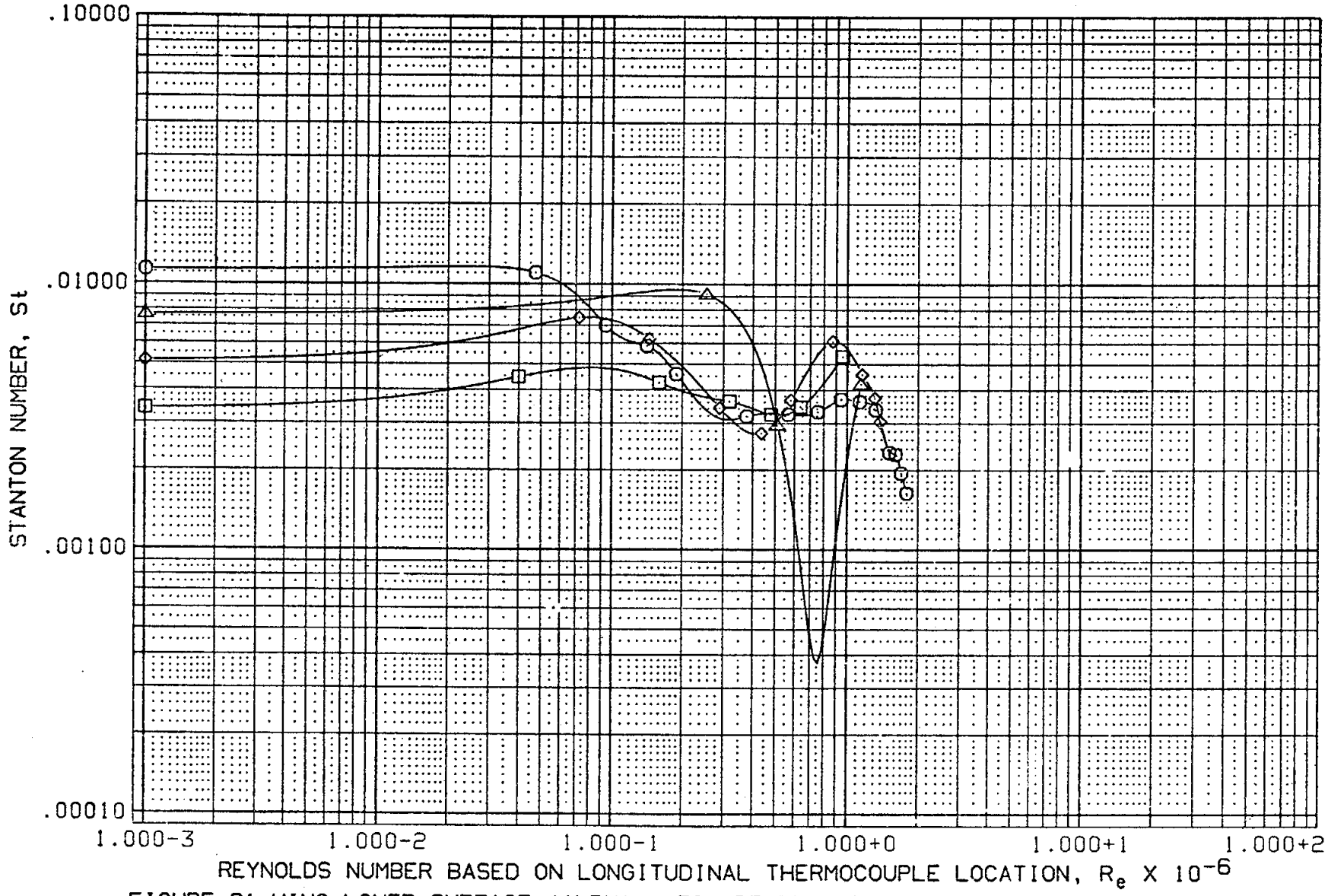

FIGURE 21 WING LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(CE2402) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFAC

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.012	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	3.700

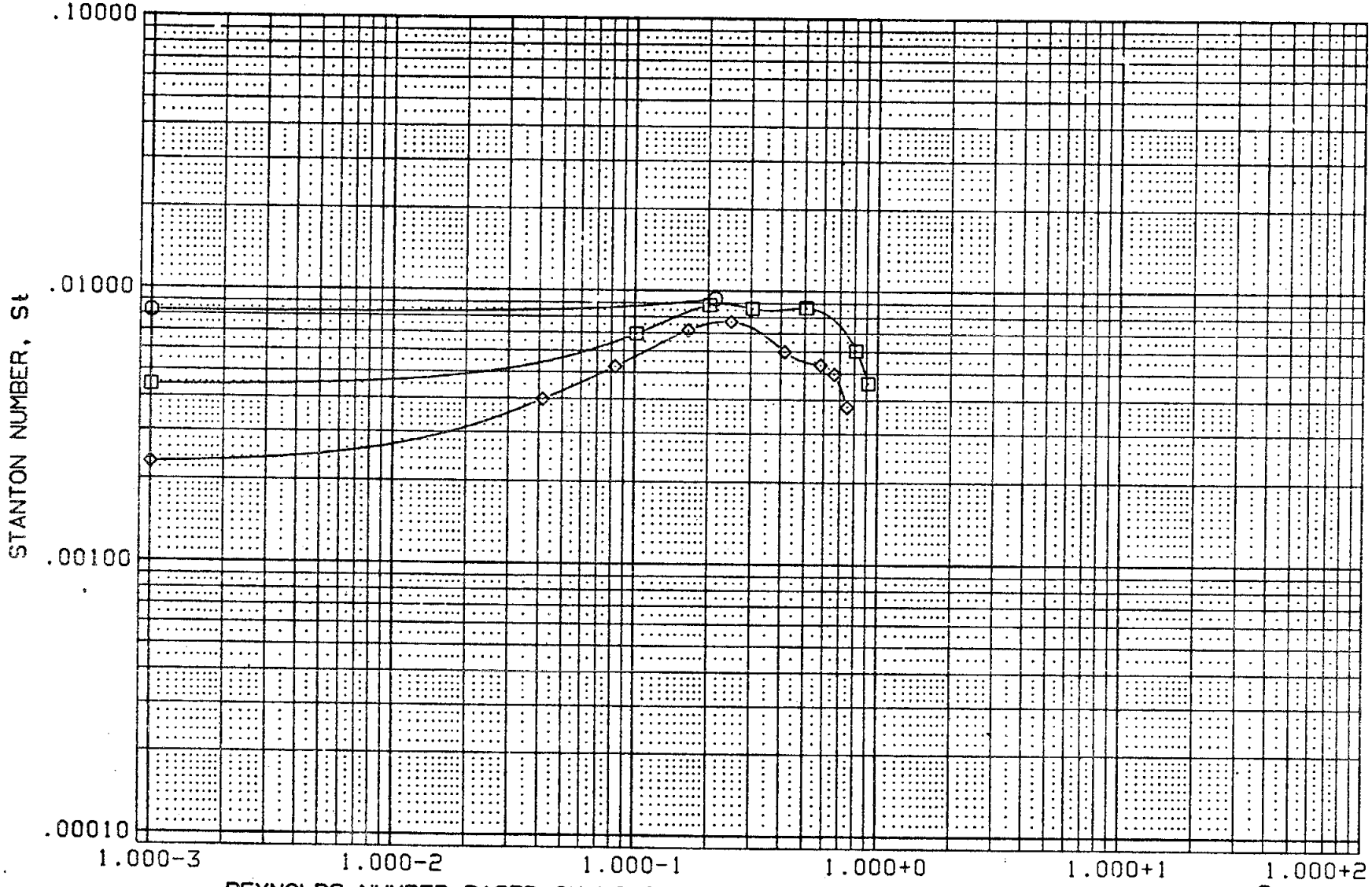

FIGURE 21 WING LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(CE2309) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.912	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	3.700

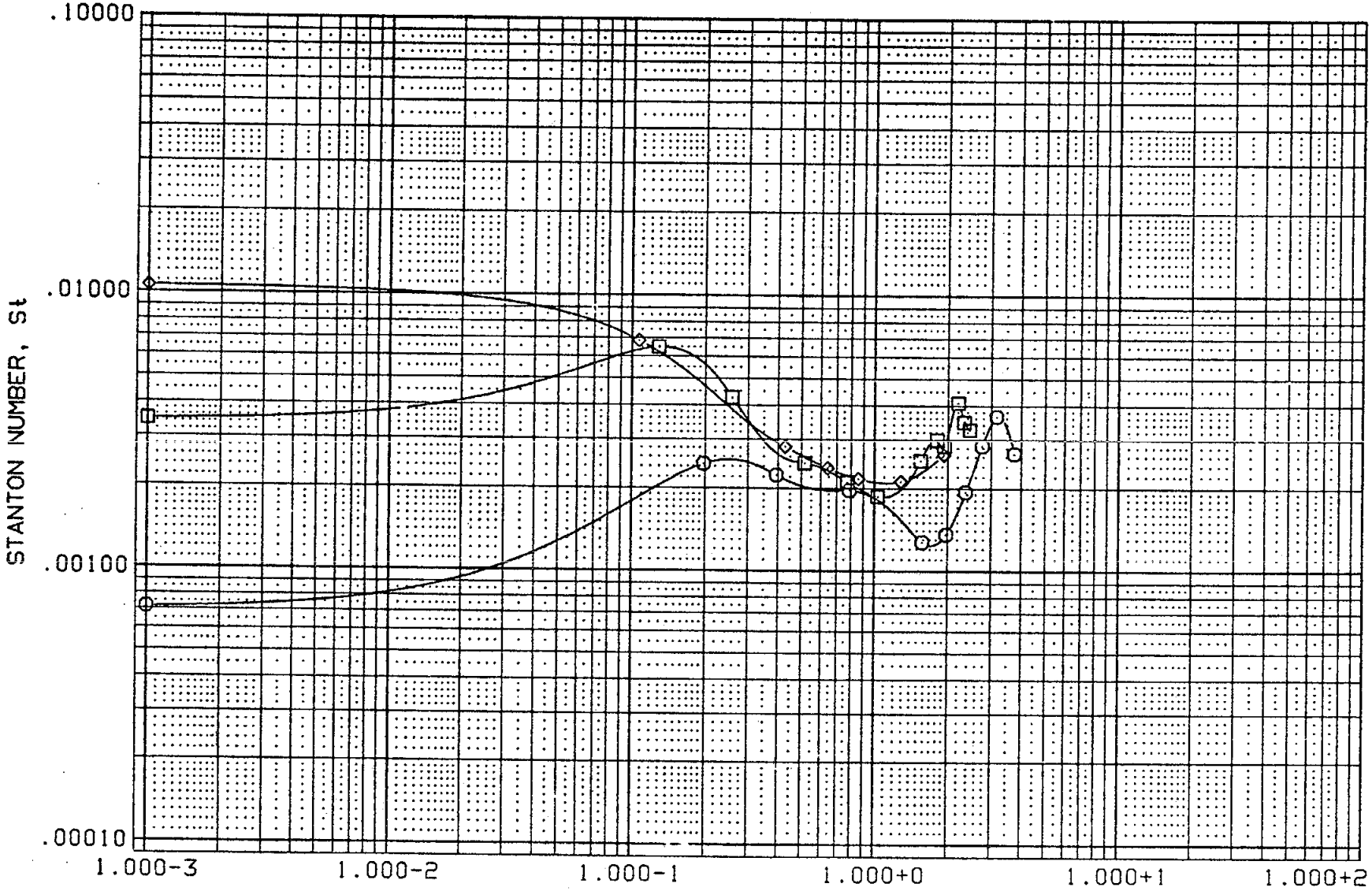

FIGURE 21 WING LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(CE2409) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFAC

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.912	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	3.700

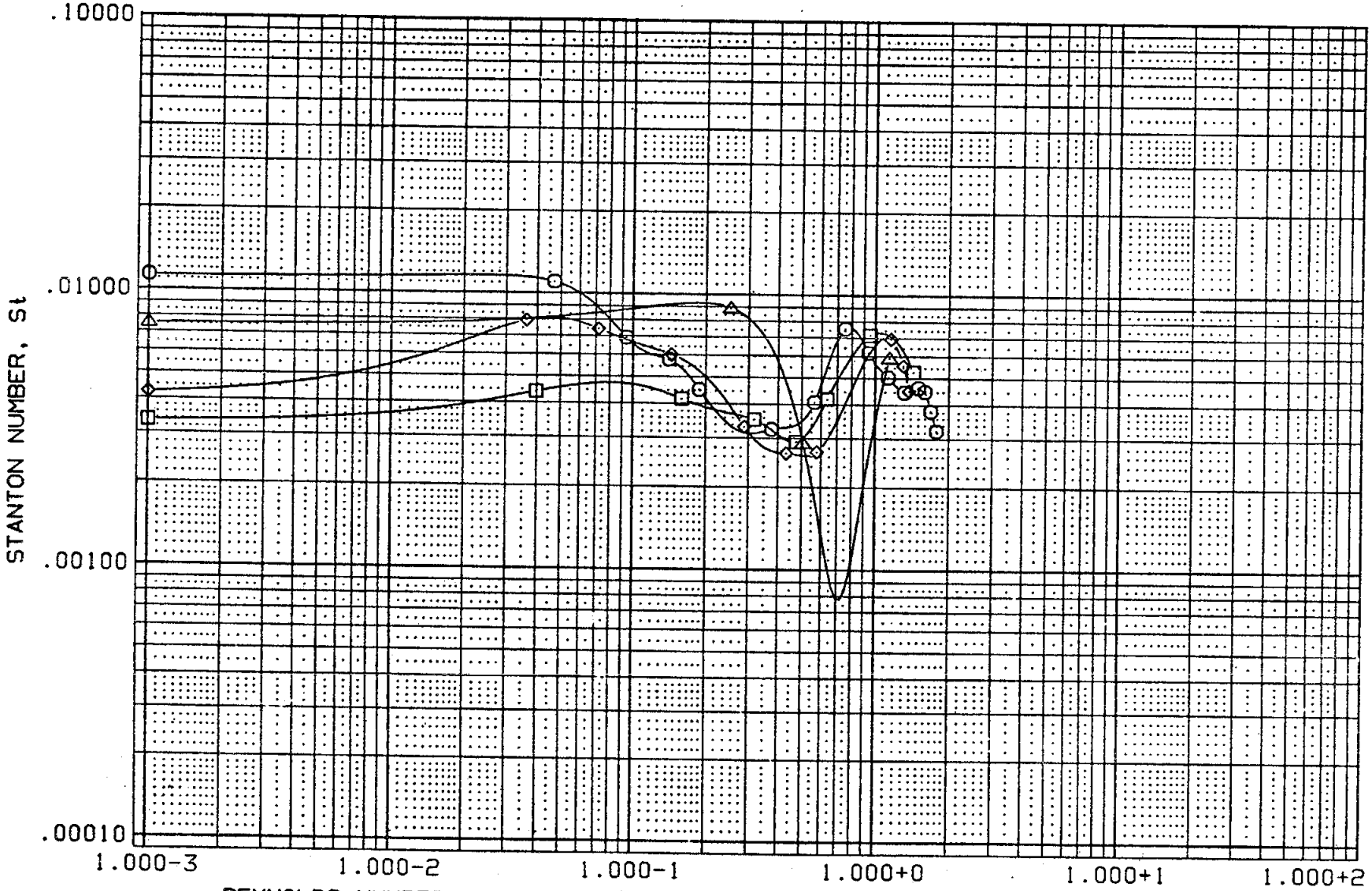

FIGURE 21 WING LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

(CE2409) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFAC

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.912	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	5.000	BDFLAP	5.000
SPDBRK	.000	RN/L	3.700

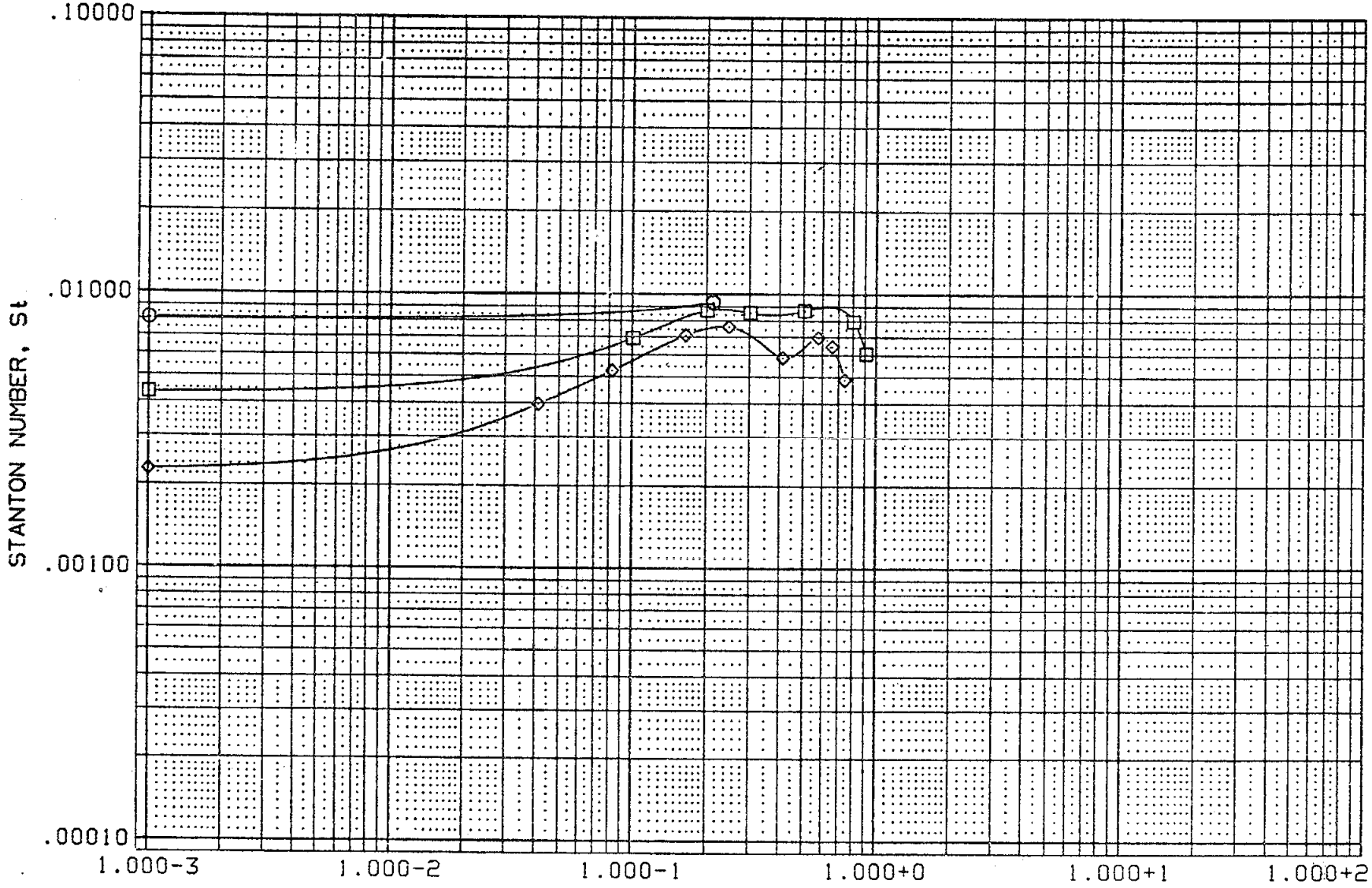

FIGURE 21 WING LOWER SURFACE (ALPHA = 30, RE/FT = 3.7X10+6)

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	ELEVON	BDFLAP
(CE2103)	○	ARC 3.5-199 OH26 (01) FWD BOTTOM CENTER LINE	30.000	.000	.000
(BE2203)	□	ARC 3.5-199 OH26 (01) AFT BOTTOM CENTER LINE	30.000	.000	.000

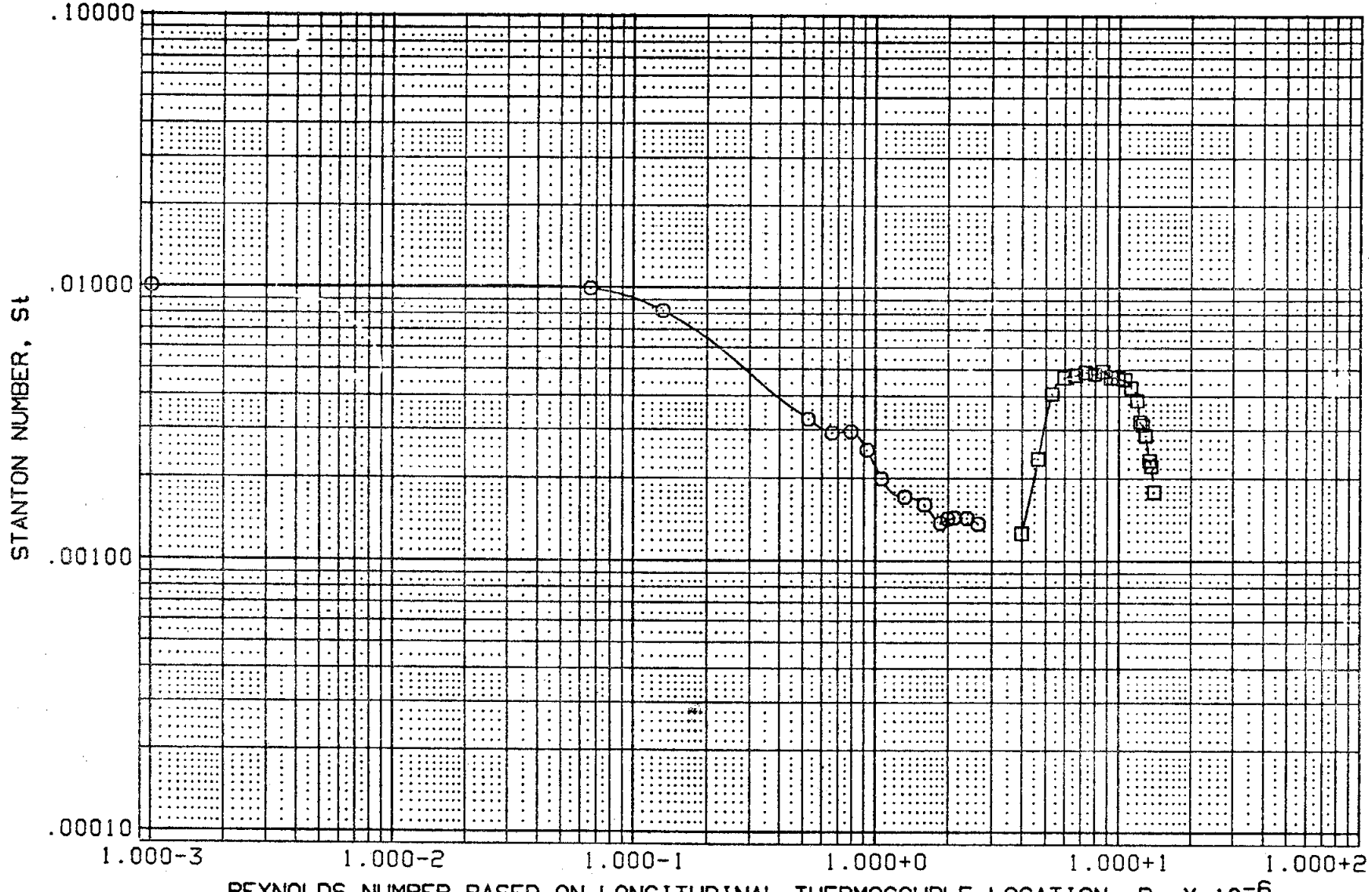

FIGURE 22 FUSELAGE LOWER SURFACE CENTERLINE (ALPHA = 30, RE/FT = 7.0X10+6)

MACH = 7.320 HAW/HT = .912 PHI = .000

(BE2503) ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

SYMBOL	Y	HAW/HT	MACH
○	46.800	.912	7.320
□	93.600		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	7.000

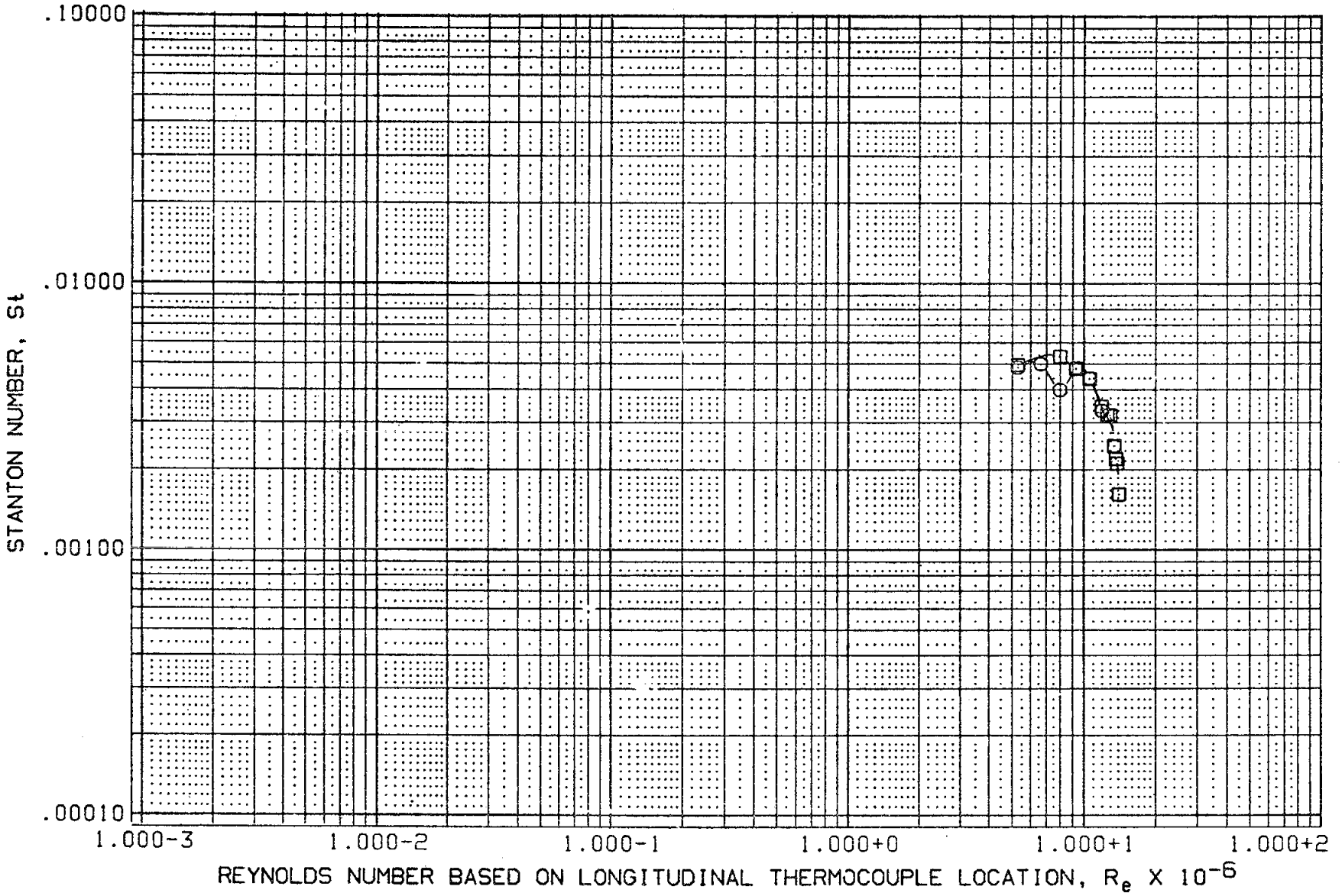

FIGURE 23 FUSELAGE LOWER SURFACE (ALPHA = 30, RE/FT = 7.0X10+6)

(CE2303) ARC 3.5-199 OH26 (01) INBOARD LOWER WING SURFACE

SYMBOL	2Y/B	HAW/HT	MACH
○	.300	.912	7.320
□	.400		
◇	.500		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	7.000

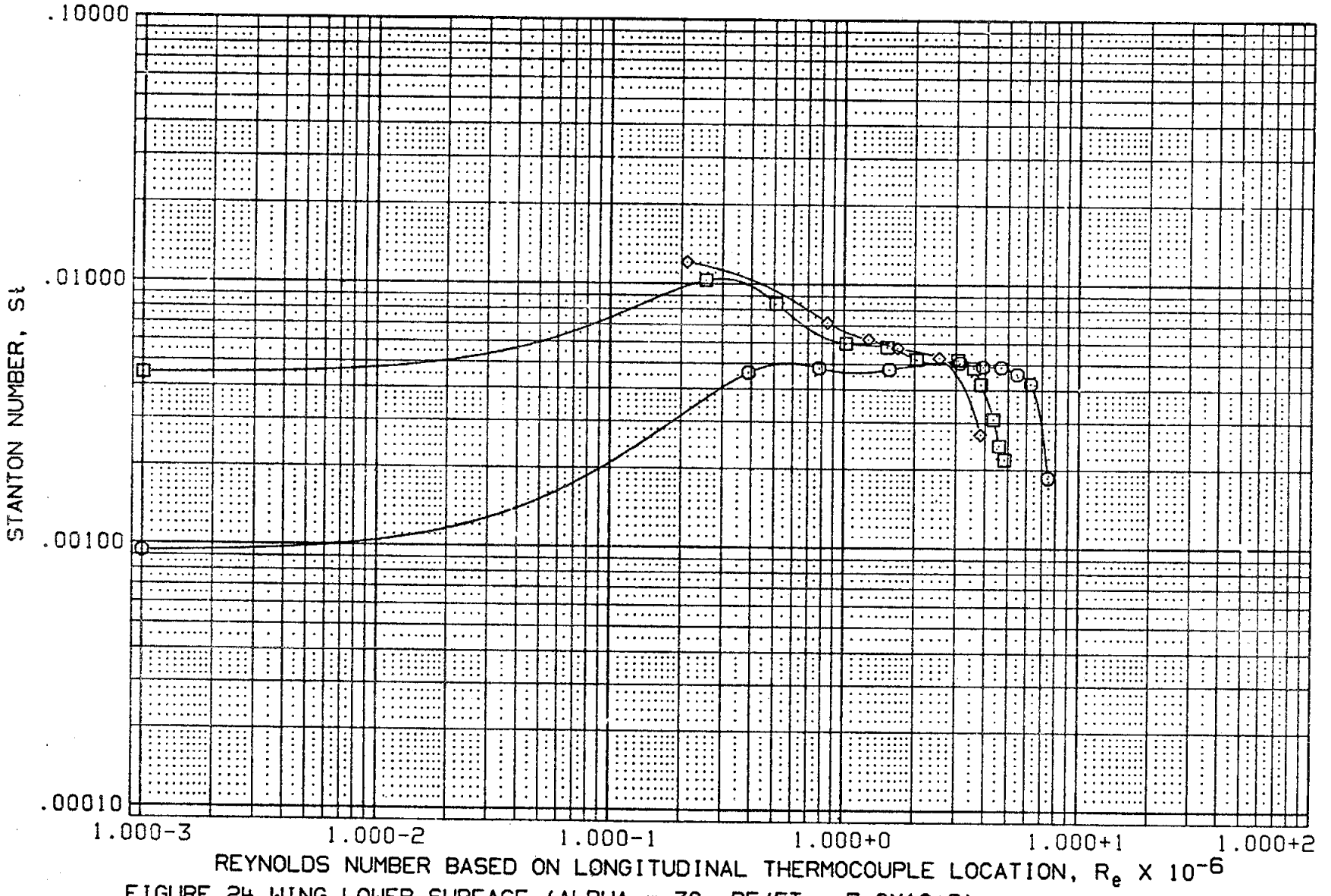

FIGURE 24 WING LOWER SURFACE (ALPHA = 30, RE/FT = 7.0X10+6)

(CE2403) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFAC

SYMBOL	2Y/B	HAW/HT	MACH
○	.600	.912	7.320
□	.700		
◇	.753		
△	.800		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	7.000

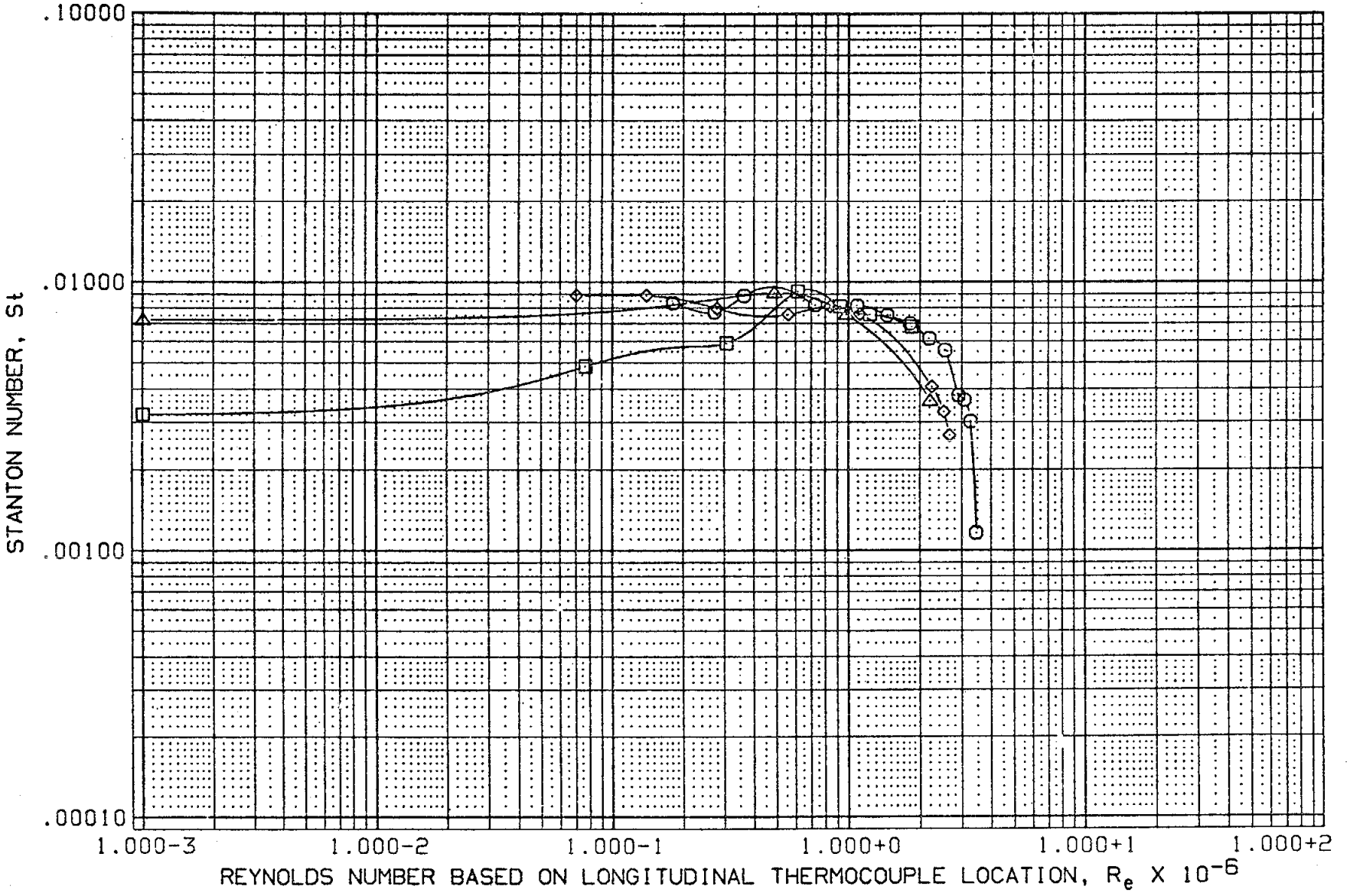

FIGURE 24 WING LOWER SURFACE (ALPHA = 30, RE/FT = 7.0X10+6)

(CE2403) ARC 3.5-199 OH26 (01) OUTBOARD LOWER WING SURFAC

SYMBOL	2Y/B	HAW/HT	MACH
○	.850	.912	7.320
□	.900		
◇	.950		

PARAMETRIC VALUES

ALPHA	30.000	BETA	.000
ELEVON	.000	BDFLAP	.000
SPDBRK	.000	RN/L	7.000

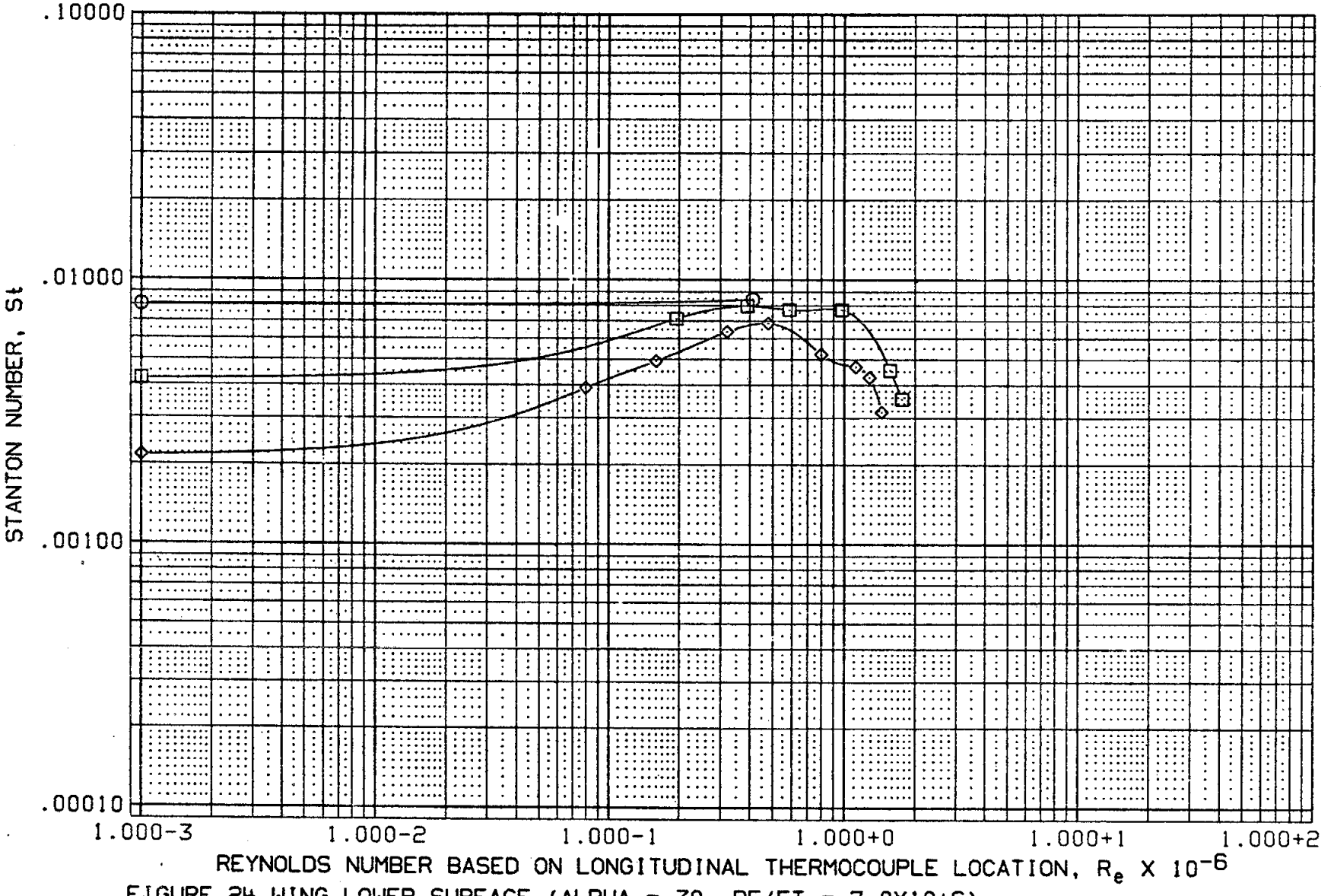

FIGURE 24 WING LOWER SURFACE (ALPHA = 30, RE/FT = 7.0X10+6)

APPENDIX

TABULATED SOURCE DATA

Tabulations of plotted data are available on request from Data Management Services.

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A01)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
5	7.320	.8912	234.1	1596.	394.8	.1042	.1750-01
1	7.320	.8953	225.7	1558.	384.8	.1020	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
5	.00000	.00000	1.0000	.6579	.7743	.7582	33.13	21.80	.3348	550.8	.2914-01
5	.00000	.50000-02	2.0000	.6403	.7536	.7379	33.14	21.22	.3346	550.7	.2836-01
5	.00000	.10000-01	3.0000	.5317	.6257	.6127	33.15	17.63	.3344	550.3	.2355-01
5	.00000	.30000-01	5.0000	.2550	.2999	.2937	33.22	8.470	.3331	548.1	.1129-01
5	.00000	.40000-01	6.0000	.2219	.2610	.2556	33.23	7.372	.3330	547.9	.9823-02
5	.00000	.50000-01	7.0000	.1961	.2307	.2259	33.24	6.519	.3327	547.4	.8681-02
5	.00000	.60000-01	8.0000	.1978	.2326	.2278	33.25	6.577	.3324	547.0	.8755-02
5	.00000	.70000-01	9.0000	.1689	.1987	.1946	33.25	5.616	.3325	547.1	.7477-02
5	.00000	.80000-01	10.000	.1354	.1593	.1560	33.28	4.506	.3320	546.3	.5994-02
5	.00000	.10000+00	12.000	.1184	.1392	.1363	33.29	3.941	.3317	545.8	.5239-02
5	.00000	.12000	14.000	.1059	.1246	.1220	33.32	3.529	.3313	545.1	.4688-02
5	.00000	.15000	17.000	.9393-01	.1105	.1082	33.29	3.127	.3317	545.8	.4157-02
5	.00000	.16000	18.000	.9410-01	.1107	.1084	33.28	3.132	.3319	546.1	.4165-02
5	.00000	.18000	20.000	.9342-01	.1099	.1076	33.29	3.110	.3318	545.9	.4135-02
5	.00000	.20000	22.000	.8791-01	.1034	.1012	33.28	2.925	.3320	546.3	.3891-02
1	.00000	.30000	802.00	.7537-01	.8885-01	.8698-01	31.38	2.365	.3410	547.0	.3349-02
1	.00000	.35000	803.00	.7733-01	.9116-01	.8925-01	31.38	2.427	.3411	547.1	.3436-02
1	.00000	.40000	804.00	.7713-01	.9095-01	.8903-01	31.35	2.418	.3417	548.1	.3428-02
1	.00000	.45000	805.00	.7097-01	.8366-01	.8190-01	31.39	2.228	.3409	546.8	.3154-02
1	.00000	.50000	806.00	.6457-01	.7613-01	.7453-01	31.37	2.026	.3413	547.3	.2870-02
1	.00000	.55000	807.00	.6384-01	.7526-01	.7368-01	31.39	2.004	.3410	546.9	.2837-02
1	.00000	.60000	808.00	.5785-01	.6820-01	.6677-01	31.37	1.815	.3413	547.4	.2571-02
1	.00000	.65000	809.00	.5463-01	.6439-01	.6304-01	31.41	1.716	.3405	546.1	.2427-02
1	.00000	.70000	810.00	.5227-01	.6162-01	.6032-01	31.40	1.641	.3408	546.6	.2323-02
1	.00000	.75000	811.00	.5344-01	.6299-01	.6167-01	31.42	1.679	.3404	546.0	.2375-02

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A01)

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
1	.00000	.80000	812.00	.5399-01	.6364-01	.6231-01	31.38	1.694	.3411	547.0	.2399-02
1	.00000	.85000	813.00	.5078-01	.5986-01	.5860-01	31.41	1.595	.3406	546.3	.2257-02
1	.00000	.90000	814.00	.4519-01	.5328-01	.5216-01	31.37	1.418	.3414	547.6	.2009-02
1	.00000	.92500	815.00	.3641-01	.4292-01	.4202-01	31.37	1.142	.3414	547.5	.1618-02
1	.00000	.95000	816.00	.3328-01	.3924-01	.3842-01	31.36	1.044	.3414	547.6	.1479-02
1	.00000	.97500	817.00	.2923-01	.3445-01	.3373-01	31.43	.9185	.3402	545.7	.1299-02
1	.00000	1.0150	818.00	.2680-01	.3158-01	.3092-01	31.46	.8431	.3395	544.6	.1191-02
1	.00000	1.0300	819.00	.2448-01	.2885-01	.2825-01	31.42	.7692	.3402	545.7	.1088-02
1	.00000	1.0600	821.00	.1953-01	.2303-01	.2254-01	31.38	.6130	.3411	547.0	.8680-03

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A02)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
6	7.320	3.709	872.9	1497.	368.6	.4051	.1750-01
9	7.320	3.827	875.1	1471.	362.0	.4105	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
6	.00000	.00000	1.0000	.6687	.7934	.7761	56.94	38.08	.3638	558.9	.1478-01
6	.00000	.50000-02	2.0000	.6570	.7796	.7625	56.94	37.41	.3638	558.8	.1452-01
6	.00000	.10000-01	3.0000	.5426	.6438	.6297	56.97	30.92	.3634	558.3	.1199-01
6	.00000	.30000-01	5.0000	.2547	.3020	.2954	57.17	14.56	.3613	555.1	.5627-02
6	.00000	.40000-01	6.0000	.2225	.2638	.2581	57.18	12.73	.3612	554.9	.4916-02
6	.00000	.50000-01	7.0000	.1953	.2315	.2264	57.21	11.17	.3609	554.4	.4313-02
6	.00000	.60000-01	8.0000	.1991	.2360	.2309	57.22	11.39	.3608	554.2	.4398-02
6	.00000	.70000-01	9.0000	.1703	.2019	.1975	57.22	9.746	.3608	554.3	.3763-02
6	.00000	.80000-01	10.000	.1378	.1634	.1598	57.28	7.895	.3602	553.3	.3044-02
6	.00000	.10000+00	12.000	.1202	.1425	.1394	57.33	6.894	.3596	552.4	.2655-02
6	.00000	.12000	14.000	.1071	.1269	.1241	57.38	6.144	.3590	551.6	.2364-02
6	.00000	.14000	16.000	.9046-01	.1072	.1048	57.42	5.194	.3586	550.9	.1997-02
6	.00000	.15000	17.000	.9488-01	.1124	.1100	57.31	5.438	.3598	552.7	.2095-02
6	.00000	.16000	18.000	.9463-01	.1122	.1097	57.29	5.421	.3600	553.0	.2090-02
6	.00000	.18000	20.000	.9392-01	.1113	.1089	57.30	5.381	.3599	552.9	.2074-02
6	.00000	.20000	22.000	.8804-01	.1044	.1021	57.26	5.041	.3604	553.6	.1945-02
9	.00000	.30000	802.00	.7198-01	.8568-01	.8377-01	54.99	3.959	.3744	564.9	.1575-02
9	.00000	.35000	803.00	.7529-01	.8962-01	.8762-01	54.97	4.139	.3747	565.2	.1648-02
9	.00000	.40000	804.00	.7668-01	.9131-01	.8926-01	54.87	4.208	.3757	566.9	.1679-02
9	.00000	.45000	805.00	.7367-01	.8770-01	.8574-01	54.98	4.050	.3746	565.1	.1612-02
9	.00000	.50000	806.00	.7238-01	.8617-01	.8424-01	54.92	3.975	.3752	566.0	.1584-02
9	.00000	.55000	807.00	.7839-01	.9331-01	.9123-01	54.96	4.308	.3748	565.4	.1716-02
9	.00000	.60000	808.00	.8556-01	.1019	.9959-01	54.91	4.698	.3753	566.2	.1873-02
9	.00000	.65000	809.00	.1041	.1239	.1211	55.02	5.726	.3741	564.5	.2278-02
9	.00000	.70000	810.00	.1211	.1442	.1410	54.98	6.659	.3746	565.1	.2651-02

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A02)

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
9	.00000	.75000	811.00	.1466	.1744	.1706	55.04	8.067	.3739	564.1	.3208-02
9	.00000	.80000	812.00	.1694	.2017	.1972	54.94	9.309	.3750	565.8	.3709-02
9	.00000	.85000	813.00	.1755	.2089	.2042	55.00	9.652	.3743	564.7	.3840-02
9	.00000	.90000	814.00	.1712	.2038	.1993	54.91	9.400	.3753	566.3	.3748-02
9	.00000	.92500	815.00	.1474	.1755	.1715	54.92	8.094	.3752	566.0	.3226-02
9	.00000	.95000	816.00	.1471	.1751	.1712	54.91	8.077	.3753	566.2	.3220-02
9	.00000	.97500	817.00	.1388	.1652	.1615	55.10	7.649	.3732	563.0	.3037-02
9	.00000	1.0150	818.00	.1238	.1472	.1439	55.35	6.852	.3705	559.0	.2707-02
9	.00000	1.0300	819.00	.1213	.1443	.1411	55.27	6.705	.3714	560.3	.2653-02
9	.00000	1.0600	821.00	.1025	.1219	.1192	55.13	5.650	.3729	562.6	.2242-02

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A03)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
28	7.320	6.975	1658.	1506.	371.0	.7666	.1750-01
10	7.320	6.996	1649.	1498.	369.0	.7649	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
28	.00000	.00000	1.0000	.6431	.7674	.7500	76.57	49.24	.3826	591.6	.1040-01
28	.00000	.50000-02	2.0000	.6333	.7559	.7387	76.50	48.45	.3832	592.4	.1025-01
28	.00000	.10000-01	3.0000	.5247	.6262	.6120	76.54	40.16	.3829	592.0	.8487-02
28	.00000	.40000-01	6.0000	.2107	.2512	.2455	77.00	16.22	.3793	586.5	.3405-02
28	.00000	.50000-01	7.0000	.1873	.2232	.2182	77.13	14.45	.3783	584.9	.3027-02
28	.00000	.60000-01	8.0000	.1898	.2261	.2211	77.17	14.65	.3780	584.4	.3066-02
28	.00000	.70000-01	9.0000	.1624	.1936	.1892	77.18	12.54	.3779	584.3	.2624-02
28	.00000	.80000-01	10.000	.1276	.1520	.1486	77.42	9.882	.3761	581.5	.2061-02
28	.00000	.10000+00	12.000	.1097	.1306	.1277	77.57	8.509	.3749	579.6	.1771-02
28	.00000	.12000	14.000	.1028	.1224	.1197	77.69	7.990	.3739	578.2	.1660-02
28	.00000	.14000	16.000	.8803-01	.1048	.1024	77.70	6.840	.3739	578.1	.1421-02
28	.00000	.15000	17.000	.9131-01	.1087	.1062	77.67	7.092	.3741	578.4	.1474-02
28	.00000	.16000	18.000	.9200-01	.1095	.1071	77.66	7.145	.3742	578.5	.1485-02
28	.00000	.18000	20.000	.9192-01	.1094	.1069	77.69	7.141	.3740	578.2	.1484-02
28	.00000	.20000	22.000	.8751-01	.1042	.1018	77.64	6.794	.3744	578.8	.1413-02
10	.00000	.30000	802.00	.8074-01	.9628-01	.9411-01	76.23	6.155	.3804	585.1	.1304-02
10	.00000	.35000	803.00	.1510	.1800	.1760	76.17	11.50	.3809	585.9	.2439-02
10	.00000	.40000	804.00	.2623	.3129	.3058	75.96	19.92	.3826	588.4	.4239-02
10	.00000	.45000	805.00	.3003	.3581	.3500	76.21	22.89	.3806	585.4	.4852-02
10	.00000	.50000	806.00	.3064	.3654	.3572	76.10	23.31	.3815	586.7	.4951-02
10	.00000	.55000	807.00	.3139	.3744	.3659	76.22	23.93	.3805	585.2	.5072-02
10	.00000	.60000	808.00	.3094	.3690	.3607	76.11	23.55	.3814	586.5	.4999-02
10	.00000	.65000	809.00	.3166	.3774	.3689	76.34	24.17	.3796	583.8	.5113-02
10	.00000	.70000	810.00	.3007	.3585	.3504	76.27	22.93	.3801	584.6	.4857-02
10	.00000	.75000	811.00	.2995	.3570	.3489	76.41	22.88	.3790	582.9	.4837-02

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A03)

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
10	.00000	.80000	812.00	.2957	.3527	.3447	76.15	22.51	.3811	586.1	.4778-02
10	.00000	.85000	813.00	.2757	.3287	.3213	76.31	21.04	.3798	584.2	.4454-02
10	.00000	.90000	814.00	.2480	.2959	.2892	76.09	18.87	.3816	586.8	.4009-02
10	.00000	.92500	815.00	.2071	.2471	.2415	76.11	15.77	.3814	586.5	.3347-02
10	.00000	.95000	816.00	.2012	.2400	.2346	76.06	15.30	.3818	587.2	.3251-02
10	.00000	.97500	817.00	.1840	.2193	.2144	76.43	14.07	.3789	582.7	.2972-02
10	.00000	1.0150	818.00	.1491	.1776	.1736	76.77	11.45	.3763	578.7	.2406-02
10	.00000	1.0300	819.00	.1419	.1691	.1653	76.57	10.87	.3778	581.0	.2291-02
10	.00000	1.0600	821.00	.1143	.1363	.1333	76.23	8.715	.3805	585.1	.1847-02

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A04)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
29	7.320	7.043	1656.	1496.	368.4	.7686	.1750-01
11	7.320	6.308	1645.	1590.	393.1	.7343	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
29	.00000	.00000	1.0000	.7850	.9366	.9513	75.99	59.65	.3823	586.9	.1265-01
29	.00000	.50000-02	2.0000	.6584	.7856	.7979	75.98	50.02	.3824	587.1	.1061-01
29	.00000	.10000-01	3.0000	.4899	.5844	.5936	76.06	37.26	.3818	586.2	.7894-02
29	.00000	.40000-01	6.0000	.1621	.1932	.1962	76.54	12.41	.3780	580.4	.2610-02
29	.00000	.50000-01	7.0000	.1404	.1672	.1698	76.69	10.76	.3769	578.6	.2259-02
29	.00000	.60000-01	8.0000	.1376	.1638	.1664	76.71	10.55	.3767	578.4	.2214-02
29	.00000	.70000-01	9.0000	.1141	.1359	.1381	76.72	8.756	.3766	578.2	.1837-02
29	.00000	.80000-01	10.000	.8807-01	.1048	.1065	76.94	6.776	.3749	575.6	.1417-02
29	.00000	.10000+00	12.000	.7429-01	.8841-01	.8978-01	77.05	5.724	.3740	574.2	.1195-02
29	.00000	.12000	14.000	.6697-01	.7968-01	.8091-01	77.16	5.167	.3732	572.9	.1077-02
29	.00000	.14000	16.000	.5713-01	.6797-01	.6902-01	77.17	4.408	.3731	572.8	.9185-03
29	.00000	.15000	17.000	.5946-01	.7075-01	.7184-01	77.16	4.588	.3732	572.9	.9561-03
29	.00000	.16000	18.000	.5984-01	.7120-01	.7230-01	77.14	4.616	.3733	573.2	.9622-03
29	.00000	.18000	20.000	.6095-01	.7252-01	.7364-01	77.18	4.704	.3731	572.7	.9801-03
29	.00000	.20000	22.000	.5888-01	.7007-01	.7115-01	77.13	4.541	.3735	573.4	.9469-03
11	.00000	.30000	802.00	.4038-01	.4786-01	.4858-01	83.96	3.390	.3602	590.2	.6762-03
11	.00000	.35000	803.00	.4370-01	.5180-01	.5258-01	83.87	3.665	.3609	591.3	.7320-03
11	.00000	.40000	804.00	.5133-01	.6089-01	.6182-01	83.58	4.291	.3630	594.7	.8603-03
11	.00000	.45000	805.00	.5480-01	.6497-01	.6595-01	83.89	4.598	.3607	591.0	.9180-03
11	.00000	.50000	806.00	.5751-01	.6820-01	.6923-01	83.74	4.816	.3619	592.8	.9635-03
11	.00000	.55000	807.00	.6535-01	.7747-01	.7863-01	83.92	5.484	.3605	590.7	.1095-02
11	.00000	.60000	808.00	.7179-01	.8512-01	.8641-01	83.77	6.014	.3616	592.5	.1203-02
11	.00000	.65000	809.00	.8294-01	.9829-01	.9977-01	84.05	6.972	.3596	589.1	.1389-02
11	.00000	.70000	810.00	.9506-01	.1127	.1144	83.97	7.982	.3602	590.1	.1592-02
11	.00000	.80000	812.00	.1365	.1619	.1643	83.83	11.44	.3612	591.8	.2287-02

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A04)

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
11	.00000	.85000	813.00	.1403	.1663	.1688	84.07	11.80	.3594	588.8	.2350-02
11	.00000	.90000	814.00	.1311	.1555	.1578	83.79	10.99	.3615	592.3	.2197-02
11	.00000	.92500	815.00	.1098	.1302	.1321	83.81	9.201	.3613	591.9	.1839-02
11	.00000	.95000	816.00	.1071	.1270	.1289	83.76	8.972	.3617	592.5	.1794-02
11	.00000	.97500	817.00	.9788-01	.1160	.1177	84.19	8.240	.3586	587.5	.1639-02
11	.00000	1.0150	818.00	.7557-01	.8947-01	.9081-01	84.50	6.386	.3563	583.8	.1265-02
11	.00000	1.0300	819.00	.7269-01	.8610-01	.8739-01	84.27	6.126	.3579	586.4	.1217-02
11	.00000	1.0600	821.00	.5967-01	.7073-01	.7180-01	83.91	5.007	.3606	590.8	.9995-03

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A05)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
27	7.320	6.755	1656.	1533.	378.2	.7567	.1750-01
12	7.320	6.817	1650.	1522.	375.2	.7577	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
27	.00000	.00000	1.0000	.7161	.8526	.8493	78.97	56.55	.3755	591.8	.1171-01
27	.00000	.50000-02	2.0000	.6501	.7741	.7711	78.94	51.31	.3757	592.2	.1063-01
27	.00000	.10000-01	3.0000	.5124	.6101	.6077	79.01	40.49	.3752	591.3	.8379-02
27	.00000	.40000-01	6.0000	.1903	.2263	.2254	79.54	15.14	.3711	594.9	.3109-02
27	.00000	.50000-01	7.0000	.1671	.1986	.1979	79.70	13.32	.3699	583.0	.2729-02
27	.00000	.60000-01	8.0000	.1669	.1984	.1976	79.74	13.31	.3696	582.6	.2725-02
27	.00000	.70000-01	9.0000	.1398	.1662	.1656	79.76	11.15	.3695	582.4	.2283-02
27	.00000	.80000-01	10.000	.1088	.1292	.1288	80.02	8.706	.3675	579.3	.1776-02
27	.00000	.10000+00	12.000	.9045-01	.1074	.1070	80.19	7.253	.3662	577.2	.1476-02
27	.00000	.12000	14.000	.8204-01	.9739-01	.9702-01	80.31	6.589	.3653	575.7	.1338-02
27	.00000	.14000	16.000	.7056-01	.8375-01	.8344-01	80.34	5.668	.3651	575.5	.1151-02
27	.00000	.15000	17.000	.7267-01	.8626-01	.8594-01	80.32	5.836	.3653	575.7	.1185-02
27	.00000	.16000	18.000	.7293-01	.8657-01	.8624-01	80.31	5.857	.3653	575.8	.1190-02
27	.00000	.18000	20.000	.7244-01	.8598-01	.8566-01	80.35	5.821	.3650	575.3	.1182-02
27	.00000	.20000	22.000	.6827-01	.8104-01	.8074-01	80.31	5.483	.3653	575.8	.1114-02
12	.00000	.30000	802.00	.6227-01	.7373-01	.7346-01	80.65	5.022	.3567	557.7	.1011-02
12	.00000	.35000	803.00	.6933-01	.8210-01	.8180-01	80.59	5.588	.3571	558.3	.1125-02
12	.00000	.40000	804.00	.7902-01	.9363-01	.9328-01	80.32	6.346	.3592	561.6	.1283-02
12	.00000	.45000	805.00	.9004-01	.1066	.1062	80.67	7.264	.3565	557.4	.1461-02
12	.00000	.50000	806.00	.1060	.1256	.1251	80.52	8.538	.3577	559.2	.1721-02
12	.00000	.55000	807.00	.1360	.1610	.1604	80.70	10.98	.3563	557.1	.2207-02
12	.00000	.60000	808.00	.1727	.2045	.2038	80.51	13.90	.3577	559.3	.2803-02
12	.00000	.65000	809.00	.2141	.2535	.2525	80.82	17.31	.3553	555.6	.3474-02
12	.00000	.70000	810.00	.2312	.2738	.2728	80.70	18.66	.3563	557.1	.3752-02
12	.00000	.80000	812.00	.2522	.2987	.2976	80.52	20.30	.3576	559.2	.4093-02

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A05)

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
12	.00000	.85000	813.00	.2341	.2771	.2761	80.73	18.90	.3560	556.7	.3799-02
12	.00000	.90000	814.00	.2083	.2468	.2459	80.41	16.75	.3585	560.5	.3382-02
12	.00000	.92500	815.00	.1717	.2034	.2026	80.41	13.80	.3585	560.5	.2787-02
12	.00000	.95000	816.00	.1650	.1955	.1948	80.31	13.25	.3592	561.7	.2679-02
12	.00000	.97500	817.00	.1487	.1761	.1754	80.73	12.01	.3560	556.7	.2414-02
12	.00000	1.0150	818.00	.1165	.1379	.1374	80.99	9.438	.3540	553.6	.1890-02
12	.00000	1.0300	819.00	.1101	.1304	.1299	80.70	8.889	.3562	557.0	.1787-02
12	.00000	1.0600	821.00	.8923-01	.1057	.1053	80.28	7.163	.3595	562.1	.1449-02

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A06)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 5.000 BDFLAP = 5.000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
30	7.320	.8998	234.8	1590.	393.2	.1048	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
30	.00000	.30000	802.00	.4173-01	.4919-01	.4990-01	32.78	1.368	.3400	557.3	.1843-02
30	.00000	.35000	803.00	.4226-01	.4981-01	.5053-01	32.78	1.385	.3400	557.3	.1866-02
30	.00000	.40000	804.00	.4226-01	.4982-01	.5054-01	32.75	1.384	.3405	558.0	.1866-02
30	.00000	.45000	805.00	.4028-01	.4746-01	.4815-01	32.80	1.321	.3395	556.4	.1778-02
30	.00000	.50000	806.00	.3686-01	.4343-01	.4406-01	32.79	1.208	.3398	556.8	.1627-02
30	.00000	.55000	807.00	.3549-01	.4182-01	.4243-01	32.81	1.165	.3393	556.1	.1567-02
30	.00000	.60000	808.00	.3168-01	.3733-01	.3787-01	32.81	1.039	.3395	556.3	.1398-02
30	.00000	.65000	809.00	.2988-01	.3521-01	.3571-01	32.85	.9816	.3386	555.0	.1319-02
30	.00000	.70000	810.00	.2859-01	.3368-01	.3417-01	32.84	.9389	.3388	555.2	.1262-02
30	.00000	.75000	811.00	.2845-01	.3351-01	.3399-01	32.87	.9351	.3382	554.2	.1256-02
30	.00000	.80000	812.00	.2892-01	.3407-01	.3457-01	32.84	.9496	.3389	555.4	.1277-02
30	.00000	.85000	813.00	.2695-01	.3175-01	.3221-01	32.85	.8853	.3386	554.9	.1190-02
30	.00000	.90000	814.00	.2356-01	.2776-01	.2817-01	32.82	.7732	.3393	556.0	.1040-02
30	.00000	.92500	815.00	.1797-01	.2117-01	.2148-01	32.82	.5896	.3392	556.0	.7931-03
30	.00000	.95000	816.00	.1659-01	.1955-01	.1984-01	32.81	.5443	.3395	556.4	.7325-03
30	.00000	.97500	817.00	.1375-01	.1620-01	.1643-01	32.87	.4520	.3382	554.3	.6070-03
30	.00000	1.0150	818.00	.7616-02	.8969-02	.9098-02	32.93	.2508	.3371	552.5	.3361-03
30	.00000	1.0300	819.00	.1011-01	.1190-01	.1207-01	32.90	.3325	.3377	553.4	.4460-03
30	.00000	1.0600	821.00	.1098-01	.1294-01	.1312-01	32.86	.3608	.3384	554.6	.4846-03

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A07)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 5.000 BDFLAP = 5.000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
31	7.320	3.715	878.6	1501.	369.7	.4070	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
31	.00000	.30000	802.00	.3960-01	.4688-01	.4758-01	57.99	2.296	.3565	549.3	.8727-03
31	.00000	.35000	803.00	.4043-01	.4787-01	.4858-01	57.96	2.343	.3567	549.7	.8910-03
31	.00000	.40000	804.00	.4029-01	.4771-01	.4843-01	57.87	2.331	.3578	551.3	.8881-03
31	.00000	.45000	805.00	.3742-01	.4430-01	.4496-01	57.99	2.170	.3565	549.3	.8246-03
31	.00000	.50000	806.00	.3391-01	.4016-01	.4076-01	57.93	1.965	.3571	550.2	.7475-03
31	.00000	.55000	807.00	.3435-01	.4068-01	.4128-01	57.98	1.992	.3566	549.5	.7572-03
31	.00000	.60000	808.00	.3261-01	.3862-01	.3919-01	57.92	1.889	.3572	550.5	.7188-03
31	.00000	.65000	809.00	.3149-01	.3729-01	.3784-01	58.02	1.827	.3561	548.7	.6941-03
31	.00000	.70000	810.00	.3127-01	.3702-01	.3758-01	57.98	1.813	.3565	549.3	.6891-03
31	.00000	.75000	811.00	.3490-01	.4132-01	.4193-01	58.04	2.026	.3559	548.4	.7691-03
31	.00000	.80000	812.00	.3906-01	.4625-01	.4694-01	57.94	2.263	.3570	550.1	.8609-03
31	.00000	.85000	813.00	.4147-01	.4911-01	.4984-01	57.97	2.404	.3567	549.6	.9141-03
31	.00000	.90000	814.00	.4072-01	.4823-01	.4895-01	57.90	2.358	.3574	550.7	.8977-03
31	.00000	.92500	815.00	.3434-01	.4067-01	.4127-01	57.92	1.989	.3572	550.4	.7569-03
31	.00000	.95000	816.00	.3344-01	.3960-01	.4020-01	57.90	1.936	.3575	550.8	.7371-03
31	.00000	.97500	817.00	.3132-01	.3707-01	.3762-01	58.08	1.819	.3555	547.8	.6901-03
31	.00000	1.0150	818.00	.3462-01	.4095-01	.4156-01	58.27	2.017	.3535	544.7	.7624-03
31	.00000	1.0300	819.00	.4213-01	.4985-01	.5059-01	58.18	2.451	.3545	546.2	.9280-03
31	.00000	1.0600	821.00	.4308-01	.5099-01	.5175-01	58.05	2.500	.3558	548.3	.9492-03

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A08)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = 5.000 BDFLAP = 5.000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
32	7.320	.9456	239.8	1564.	306.3	.1082	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
32	.00000	.30000	802.00	.7657-01	.9037-01	.8846-01	32.26	2.470	.3452	555.7	.3312-02
32	.00000	.35000	803.00	.7934-01	.9364-01	.9166-01	32.25	2.559	.3453	555.8	.3431-02
32	.00000	.40000	804.00	.7915-01	.9343-01	.9145-01	32.22	2.550	.3459	556.8	.3424-02
32	.00000	.45000	805.00	.7340-01	.8663-01	.8479-01	32.26	2.368	.3452	555.7	.3174-02
32	.00000	.50000	806.00	.6666-01	.7868-01	.7702-01	32.24	2.149	.3456	556.3	.2883-02
32	.00000	.55000	807.00	.6570-01	.7755-01	.7590-01	32.25	2.119	.3454	556.0	.2842-02
32	.00000	.60000	808.00	.6027-01	.7114-01	.6963-01	32.23	1.943	.3457	556.5	.2607-02
32	.00000	.65000	809.00	.5697-01	.6724-01	.6581-01	32.26	1.838	.3451	555.6	.2464-02
32	.00000	.70000	810.00	.5393-01	.6365-01	.6230-01	32.25	1.739	.3454	556.0	.2332-02
32	.00000	.75000	811.00	.5439-01	.6419-01	.6283-01	32.26	1.755	.3451	555.5	.2352-02
32	.00000	.80000	812.00	.5532-01	.6530-01	.6391-01	32.24	1.783	.3456	556.4	.2393-02
32	.00000	.85000	813.00	.5161-01	.6092-01	.5963-01	32.24	1.664	.3455	556.1	.2232-02
32	.00000	.90000	814.00	.4639-01	.5476-01	.5360-01	32.23	1.495	.3458	556.7	.2007-02
32	.00000	.92500	815.00	.3658-01	.4317-01	.4226-01	32.23	1.179	.3457	556.5	.1582-02
32	.00000	.95000	816.00	.3399-01	.4012-01	.3927-01	32.23	1.096	.3457	556.5	.1470-02
32	.00000	.97500	817.00	.2877-01	.3395-01	.3323-01	32.30	.9295	.3443	554.3	.1244-02
32	.00000	1.0150	818.00	.1324-01	.1562-01	.1529-01	32.38	.4287	.3428	551.9	.5724-03
32	.00000	1.0300	819.00	.2094-01	.2471-01	.2418-01	32.35	.6776	.3433	552.7	.9054-03
32	.00000	1.0600	821.00	.2304-01	.2718-01	.2660-01	32.32	.7445	.3440	553.8	.9960-03

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A09)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = 5.000 BDFLAP = 5.000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
33	7.320	3.534	876.8	1544.	381.0	.3988	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
33	.00000	.30000	802.00	.7214-01	.8539-01	.8355-01	59.87	4.319	.3551	563.9	.1621-02
33	.00000	.35000	803.00	.7464-01	.8835-01	.8644-01	59.84	4.467	.3554	564.2	.1678-02
33	.00000	.40000	804.00	.7550-01	.8940-01	.8746-01	59.72	4.509	.3566	566.3	.1697-02
33	.00000	.45000	805.00	.7204-01	.8526-01	.8342-01	59.88	4.314	.3550	563.6	.1619-02
33	.00000	.50000	806.00	.6943-01	.8218-01	.8041-01	59.81	4.153	.3557	564.8	.1560-02
33	.00000	.55000	807.00	.7369-01	.8720-01	.8532-01	59.89	4.413	.3549	563.5	.1656-02
33	.00000	.60000	808.00	.7892-01	.9342-01	.9141-01	59.82	4.721	.3556	564.6	.1774-02
33	.00000	.65000	809.00	.9341-01	.1105	.1081	59.96	5.600	.3542	562.4	.2099-02
33	.00000	.70000	810.00	.1060	.1255	.1228	59.91	6.352	.3547	563.2	.2383-02
33	.00000	.75000	811.00	.1292	.1528	.1496	59.98	7.749	.3539	562.0	.2903-02
33	.00000	.80000	812.00	.1515	.1793	.1755	59.84	9.067	.3554	564.3	.3405-02
33	.00000	.85000	813.00	.1597	.1890	.1850	59.92	9.572	.3545	563.0	.3589-02
33	.00000	.90000	814.00	.1568	.1857	.1816	59.80	9.378	.3558	565.0	.3525-02
33	.00000	.92500	815.00	.1363	.1613	.1578	59.82	8.152	.3556	564.7	.3063-02
33	.00000	.95000	816.00	.1371	.1622	.1587	59.80	8.196	.3558	565.0	.3080-02
33	.00000	.97500	817.00	.1301	.1539	.1506	60.02	7.810	.3536	561.4	.2923-02
33	.00000	1.0150	818.00	.1620	.1915	.1874	60.16	9.744	.3520	559.0	.3637-02
33	.00000	1.0300	819.00	.1617	.1912	.1871	60.03	9.704	.3534	561.1	.3631-02
33	.00000	1.0600	821.00	.1418	.1679	.1643	59.85	8.490	.3552	564.1	.3188-02

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A10)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 10.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
16	7.320	1.227	240.5	1342.	328.4	.1194	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
16	.00000	.30000	802.00	.4160-01	.5012-01	.5095-01	24.47	1.018	.4114	563.1	.1651-02
16	.00000	.35000	803.00	.4244-01	.5113-01	.5198-01	24.46	1.038	.4116	563.4	.1685-02
16	.00000	.40000	804.00	.4150-01	.5001-01	.5084-01	24.42	1.014	.4124	564.5	.1648-02
16	.00000	.45000	805.00	.3868-01	.4661-01	.4738-01	24.45	.9460	.4117	563.6	.1536-02
16	.00000	.50000	806.00	.3556-01	.4285-01	.4357-01	24.44	.8690	.4122	564.2	.1412-02
16	.00000	.55000	807.00	.3524-01	.4246-01	.4317-01	24.44	.8614	.4120	563.9	.1399-02
16	.00000	.60000	808.00	.3156-01	.3803-01	.3867-01	24.43	.7711	.4123	564.2	.1253-02
16	.00000	.65000	809.00	.2965-01	.3572-01	.3631-01	24.46	.7252	.4116	563.3	.1177-02
16	.00000	.70000	810.00	.2875-01	.3464-01	.3522-01	24.45	.7029	.4119	563.8	.1142-02
16	.00000	.75000	811.00	.2892-01	.3484-01	.3542-01	24.46	.7075	.4115	563.3	.1148-02
16	.00000	.80000	812.00	.2940-01	.3542-01	.3601-01	24.44	.7184	.4121	564.1	.1167-02
16	.00000	.85000	813.00	.2753-01	.3317-01	.3373-01	24.44	.6730	.4120	563.9	.1093-02
16	.00000	.90000	814.00	.2356-01	.2839-01	.2887-01	24.43	.5756	.4123	564.3	.9356-03
16	.00000	.92500	815.00	.1859-01	.2241-01	.2278-01	24.44	.4544	.4121	564.1	.7383-03
16	.00000	.95000	816.00	.1650-01	.1988-01	.2021-01	24.44	.4032	.4120	563.9	.6549-03
16	.00000	.97500	817.00	.1354-01	.1631-01	.1658-01	24.50	.3318	.4106	562.0	.5375-03
16	.00000	1.0150	818.00	.8798-02	.1059-01	.1077-01	24.55	.2160	.4095	560.5	.3491-03
16	.00000	1.0300	819.00	.8780-02	.1057-01	.1075-01	24.52	.2153	.4102	561.4	.3484-03
16	.00000	1.0600	821.00	.6568-02	.7910-02	.8041-02	24.50	.1609	.4107	562.1	.2607-03

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A11)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 10.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
17	7.320	3.508	873.8	1547.	381.9	.3969	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
17	.00000	.30000	802.00	.3980-01	.4706-01	.4775-01	60.22	2.396	.3520	560.3	.8966-03
17	.00000	.35000	803.00	.4073-01	.4816-01	.4888-01	60.19	2.452	.3523	560.7	.9177-03
17	.00000	.40000	804.00	.4074-01	.4820-01	.4891-01	60.09	2.448	.3534	562.5	.9182-03
17	.00000	.45000	805.00	.3790-01	.4482-01	.4549-01	60.21	2.282	.3520	560.4	.8540-03
17	.00000	.50000	806.00	.3496-01	.4135-01	.4196-01	60.15	2.103	.3527	561.4	.7878-03
17	.00000	.55000	807.00	.3592-01	.4247-01	.4310-01	60.21	2.163	.3521	560.4	.8093-03
17	.00000	.60000	808.00	.3419-01	.4044-01	.4104-01	60.15	2.057	.3527	561.4	.7705-03
17	.00000	.65000	809.00	.3366-01	.3980-01	.4039-01	60.26	2.029	.3516	559.6	.7584-03
17	.00000	.70000	810.00	.3418-01	.4041-01	.4101-01	60.22	2.058	.3520	560.3	.7700-03
17	.00000	.75000	811.00	.3902-01	.4613-01	.4681-01	60.29	2.352	.3513	559.2	.8790-03
17	.00000	.80000	812.00	.4536-01	.5365-01	.5444-01	60.16	2.729	.3526	561.2	.1022-02
17	.00000	.85000	813.00	.4963-01	.5868-01	.5955-01	60.23	2.989	.3519	560.2	.1118-02
17	.00000	.90000	814.00	.4888-01	.5781-01	.5867-01	60.12	2.939	.3530	561.9	.1101-02
17	.00000	.92500	815.00	.4112-01	.4864-01	.4936-01	60.13	2.473	.3529	561.8	.9266-03
17	.00000	.95000	816.00	.4055-01	.4797-01	.4868-01	60.08	2.436	.3534	562.6	.9139-03
17	.00000	.97500	817.00	.3797-01	.4489-01	.4556-01	60.24	2.287	.3518	560.0	.8553-03
17	.00000	1.0150	818.00	.2921-01	.3453-01	.3504-01	60.35	1.763	.3506	558.1	.6580-03
17	.00000	1.0300	819.00	.2950-01	.3488-01	.3539-01	60.25	1.777	.3517	559.8	.6646-03
17	.00000	1.0600	821.00	.2557-01	.3024-01	.3069-01	60.10	1.537	.3532	562.2	.5762-03

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A12)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 15.00 BDFLAP = 15.00
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
18	7.320	.9511	234.6	1539.	379.7	.1070	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
18	.00000	.30000	802.00	.4388-01	.5189-01	.5266-01	30.99	1.360	.3525	557.8	.1901-02
18	.00000	.35000	803.00	.4459-01	.5274-01	.5352-01	30.98	1.381	.3527	558.1	.1932-02
18	.00000	.40000	804.00	.4427-01	.5237-01	.5315-01	30.95	1.370	.3533	559.1	.1918-02
18	.00000	.45000	805.00	.4168-01	.4930-01	.5003-01	30.98	1.291	.3527	558.1	.1806-02
18	.00000	.50000	806.00	.3841-01	.4544-01	.4611-01	30.96	1.189	.3531	558.7	.1664-02
18	.00000	.55000	807.00	.3736-01	.4419-01	.4484-01	30.97	1.157	.3529	558.4	.1619-02
18	.00000	.60000	808.00	.3389-01	.4009-01	.4068-01	30.96	1.049	.3531	558.7	.1468-02
18	.00000	.65000	809.00	.3180-01	.3761-01	.3817-01	30.99	.9855	.3525	557.8	.1378-02
18	.00000	.70000	810.00	.3018-01	.3569-01	.3622-01	30.98	.9350	.3527	558.0	.1307-02
18	.00000	.75000	811.00	.3038-01	.3593-01	.3646-01	31.01	.9421	.3521	557.2	.1316-02
18	.00000	.80000	812.00	.3065-01	.3625-01	.3678-01	30.98	.9494	.3527	558.1	.1328-02
18	.00000	.85000	813.00	.2928-01	.3463-01	.3515-01	30.99	.9075	.3525	557.7	.1269-02
18	.00000	.90000	814.00	.2499-01	.2956-01	.3000-01	30.97	.7739	.3529	558.4	.1083-02
18	.00000	.92500	815.00	.1307-01	.1545-01	.1568-01	30.98	.4047	.3528	558.2	.5661-03
18	.00000	.95000	816.00	.6435-02	.7611-02	.7724-02	30.97	.1993	.3529	558.4	.2788-03
18	.00000	.97500	817.00	.8273-02	.9782-02	.9926-02	31.04	.2568	.3516	556.3	.3583-03
18	.00000	1.0150	818.00	.1805-01	.2133-01	.2165-01	31.10	.5613	.3503	554.3	.7815-03
18	.00000	1.0300	819.00	.4197-01	.4961-01	.5034-01	31.08	1.304	.3507	555.0	.1817-02
18	.00000	1.0600	821.00	.8769-01	.1037	.1052	31.04	2.722	.3514	556.0	.3798-02

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A13)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 15.00 BDFLAP = 15.00
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
19	7.320	3.507	873.3	1547.	381.9	.3967	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
19	.00000	.30000	802.00	.4063-01	.4810-01	.4882-01	59.77	2.429	.3563	567.1	.9164-03
19	.00000	.35000	803.00	.4151-01	.4915-01	.4988-01	59.75	2.480	.3565	567.5	.9363-03
19	.00000	.40000	804.00	.4140-01	.4903-01	.4977-01	59.65	2.470	.3576	569.1	.9341-03
19	.00000	.45000	805.00	.3842-01	.4549-01	.4617-01	59.79	2.297	.3562	566.8	.8666-03
19	.00000	.50000	806.00	.3526-01	.4175-01	.4237-01	59.73	2.106	.3568	567.8	.7954-03
19	.00000	.55000	807.00	.3568-01	.4224-01	.4287-01	59.79	2.134	.3561	566.7	.8048-03
19	.00000	.60000	808.00	.3380-01	.4002-01	.4062-01	59.74	2.019	.3567	567.7	.7624-03
19	.00000	.65000	809.00	.3263-01	.3862-01	.3920-01	59.84	1.953	.3556	566.0	.7359-03
19	.00000	.70000	810.00	.3197-01	.3785-01	.3841-01	59.80	1.912	.3561	566.7	.7211-03
19	.00000	.75000	811.00	.3518-01	.4164-01	.4226-01	59.86	2.106	.3554	565.6	.7934-03
19	.00000	.80000	812.00	.3946-01	.4672-01	.4742-01	59.73	2.357	.3567	567.8	.8900-03
19	.00000	.85000	813.00	.4173-01	.4941-01	.5014-01	59.80	2.496	.3560	566.6	.9413-03
19	.00000	.90000	814.00	.4051-01	.4797-01	.4869-01	59.72	2.419	.3569	568.0	.9139-03
19	.00000	.92500	815.00	.3370-01	.3990-01	.4050-01	59.73	2.013	.3567	567.7	.7602-03
19	.00000	.95000	816.00	.2985-01	.3535-01	.3588-01	59.70	1.782	.3570	568.3	.6734-03
19	.00000	.97500	817.00	.2434-01	.2880-01	.2923-01	59.89	1.458	.3551	565.1	.5488-03
19	.00000	1.0150	818.00	.8486-01	.1004	.1019	60.00	5.092	.3539	563.3	.1913-02
19	.00000	1.0300	819.00	.1652	.1955	.1984	59.88	9.894	.3552	565.3	.3726-02
19	.00000	1.0600	821.00	.1953	.2312	.2347	59.72	11.66	.3568	567.9	.4405-02

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A14)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -7.000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
50	7.320	3.444	873.1	1563.	386.2	.3939	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
50	.00000	.30000	802.00	.7319-01	.8653-01	.8468-01	60.94	4.460	.3514	565.6	.1661-02
50	.00000	.35000	803.00	.7638-01	.9031-01	.8837-01	60.91	4.652	.3517	566.1	.1733-02
50	.00000	.40000	804.00	.7732-01	.9146-01	.8949-01	60.79	4.701	.3529	568.0	.1755-02
50	.00000	.45000	805.00	.7410-01	.8761-01	.8574-01	60.94	4.516	.3513	565.5	.1682-02
50	.00000	.50000	806.00	.7203-01	.8518-01	.8335-01	60.88	4.386	.3520	566.5	.1635-02
50	.00000	.55000	807.00	.7709-01	.9113-01	.8918-01	60.97	4.700	.3511	565.1	.1749-02
50	.00000	.60000	808.00	.8329-01	.9848-01	.9637-01	60.91	5.074	.3516	566.0	.1890-02
50	.00000	.65000	809.00	.9672-01	.1143	.1119	61.05	5.905	.3502	563.8	.2194-02
50	.00000	.70000	810.00	.1084	.1281	.1254	61.02	6.612	.3506	564.3	.2459-02
50	.00000	.75000	811.00	.1318	.1557	.1524	61.10	8.051	.3497	562.9	.2989-02
50	.00000	.80000	812.00	.1535	.1815	.1776	60.96	9.359	.3512	565.3	.3484-02
50	.00000	.85000	813.00	.1599	.1890	.1850	61.04	9.761	.3504	564.0	.3628-02
50	.00000	.90000	814.00	.1556	.1840	.1801	60.91	9.481	.3516	566.0	.3532-02
50	.00000	.92500	815.00	.1349	.1595	.1561	60.92	8.219	.3515	565.8	.3062-02
50	.00000	.95000	816.00	.1361	.1609	.1575	60.87	8.283	.3521	566.7	.3088-02
50	.00000	.97500	817.00	.1289	.1524	.1491	61.06	7.873	.3501	563.6	.2925-02
50	.00000	1.0150	818.00	.1109	.1310	.1282	61.16	6.781	.3491	562.0	.2515-02
50	.00000	1.0300	819.00	.1078	.1274	.1247	61.03	6.579	.3505	564.1	.2446-02
50	.00000	1.0600	821.00	.9090-01	.1075	.1052	60.84	5.531	.3524	567.2	.2063-02

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A15)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
39	7.320	.9379	234.9	1552.	383.2	.1065	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
39	.00000	.30000	802.00	.4310-01	.5101-01	.5177-01	31.17	1.343	.3551	567.2	.1878-02
39	.00000	.35000	803.00	.4395-01	.5202-01	.5279-01	31.16	1.369	.3554	567.6	.1915-02
39	.00000	.40000	804.00	.4326-01	.5121-01	.5198-01	31.13	1.347	.3560	568.6	.1886-02
39	.00000	.45000	805.00	.4082-01	.4831-01	.4903-01	31.16	1.272	.3553	567.5	.1779-02
39	.00000	.50000	806.00	.3796-01	.4493-01	.4560-01	31.14	1.182	.3557	568.1	.1654-02
39	.00000	.55000	807.00	.3663-01	.4335-01	.4400-01	31.16	1.141	.3554	567.7	.1596-02
39	.00000	.60000	808.00	.3253-01	.3851-01	.3908-01	31.15	1.013	.3556	567.9	.1418-02
39	.00000	.65000	809.00	.3081-01	.3647-01	.3701-01	31.17	.9605	.3550	567.1	.1343-02
39	.00000	.70000	810.00	.2951-01	.3493-01	.3545-01	31.16	.9197	.3552	567.4	.1286-02
39	.00000	.75000	811.00	.2968-01	.3512-01	.3565-01	31.19	.9256	.3548	566.7	.1293-02
39	.00000	.80000	812.00	.2935-01	.3474-01	.3526-01	31.16	.9146	.3554	567.6	.1279-02
39	.00000	.85000	813.00	.2909-01	.3443-01	.3495-01	31.17	.9069	.3551	567.1	.1268-02
39	.00000	.90000	814.00	.2479-01	.2934-01	.2978-01	31.15	.7722	.3555	567.7	.1080-02
39	.00000	.92500	815.00	.1982-01	.2346-01	.2381-01	31.16	.6177	.3553	567.5	.8639-03
39	.00000	.95000	816.00	.1779-01	.2106-01	.2137-01	31.16	.5544	.3552	567.4	.7753-03
39	.00000	.97500	817.00	.1547-01	.1830-01	.1857-01	31.23	.4831	.3539	565.3	.6739-03
39	.00000	1.0150	818.00	.1147-01	.1357-01	.1377-01	31.30	.3591	.3526	563.2	.4998-03
39	.00000	1.0300	819.00	.1115-01	.1319-01	.1338-01	31.27	.3487	.3530	563.9	.4857-03
39	.00000	1.0600	821.00	.8763-02	.1037-01	.1052-01	31.25	.2739	.3535	564.6	.3818-03

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A16)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
43	7.320	3.857	872.5	1462.	359.6	.4109	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
43	.00000	.30000	802.00	.3984-01	.4725-01	.4797-01	55.60	2.215	.3626	543.3	.8672-03
43	.00000	.35000	803.00	.4089-01	.4850-01	.4924-01	55.59	2.273	.3627	543.5	.8901-03
43	.00000	.40000	804.00	.4116-01	.4884-01	.4958-01	55.51	2.285	.3637	544.9	.8962-03
43	.00000	.45000	805.00	.3817-01	.4527-01	.4595-01	55.62	2.123	.3624	543.0	.8307-03
43	.00000	.50000	806.00	.3484-01	.4132-01	.4195-01	55.57	1.936	.3629	543.9	.7583-03
43	.00000	.55000	807.00	.3565-01	.4228-01	.4292-01	55.60	1.982	.3626	543.4	.7759-03
43	.00000	.60000	808.00	.3481-01	.4130-01	.4192-01	55.55	1.934	.3632	544.3	.7578-03
43	.00000	.65000	809.00	.3516-01	.4170-01	.4233-01	55.65	1.957	.3621	542.6	.7653-03
43	.00000	.70000	810.00	.3604-01	.4275-01	.4339-01	55.61	2.004	.3625	543.3	.7844-03
43	.00000	.75000	811.00	.4131-01	.4899-01	.4973-01	55.66	2.299	.3620	542.4	.8990-03
43	.00000	.80000	812.00	.4739-01	.5621-01	.5706-01	55.57	2.633	.3630	543.9	.1031-02
43	.00000	.85000	813.00	.5036-01	.5974-01	.6064-01	55.59	2.800	.3627	543.6	.1096-02
43	.00000	.90000	814.00	.4967-01	.5892-01	.5981-01	55.54	2.758	.3633	544.4	.1081-02
43	.00000	.92500	815.00	.4146-01	.4919-01	.4993-01	55.55	2.303	.3632	544.3	.9026-03
43	.00000	.95000	816.00	.4094-01	.4857-01	.4931-01	55.52	2.273	.3635	544.8	.8913-03
43	.00000	.97500	817.00	.3845-01	.4559-01	.4628-01	55.68	2.141	.3617	542.0	.8366-03
43	.00000	1.0150	818.00	.3108-01	.3683-01	.3738-01	55.90	1.737	.3594	538.5	.6759-03
43	.00000	1.0300	819.00	.3090-01	.3663-01	.3718-01	55.82	1.725	.3602	539.8	.6723-03
43	.00000	1.0600	821.00	.2634-01	.3123-01	.3170-01	55.70	1.467	.3616	541.8	.5732-03

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A17)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
44	7.320	.9681	239.8	1542.	380.6	.1091	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
44	.00000	.30000	802.00	.7539-01	.8902-01	.8713-01	31.68	2.388	.3471	550.5	.3232-02
44	.00000	.35000	803.00	.7811-01	.9224-01	.9028-01	31.67	2.474	.3472	550.6	.3349-02
44	.00000	.40000	804.00	.7822-01	.9238-01	.9042-01	31.65	2.476	.3475	551.2	.3354-02
44	.00000	.45000	805.00	.7236-01	.8544-01	.8362-01	31.69	2.293	.3468	550.0	.3102-02
44	.00000	.50000	806.00	.6598-01	.7791-01	.7626-01	31.68	2.090	.3471	550.5	.2829-02
44	.00000	.55000	807.00	.6465-01	.7634-01	.7472-01	31.69	2.049	.3469	550.2	.2772-02
44	.00000	.60000	808.00	.5989-01	.7072-01	.6922-01	31.68	1.897	.3470	550.4	.2568-02
44	.00000	.65000	809.00	.5645-01	.6665-01	.6523-01	31.70	1.789	.3466	549.8	.2420-02
44	.00000	.70000	810.00	.5367-01	.6337-01	.6203-01	31.69	1.701	.3468	550.0	.2301-02
44	.00000	.75000	811.00	.5525-01	.6523-01	.6385-01	31.71	1.752	.3464	549.5	.2368-02
44	.00000	.80000	812.00	.5577-01	.6586-01	.6446-01	31.68	1.767	.3471	550.4	.2391-02
44	.00000	.85000	813.00	.5297-01	.6254-01	.6122-01	31.69	1.679	.3467	549.9	.2271-02
44	.00000	.90000	814.00	.4654-01	.5496-01	.5379-01	31.68	1.474	.3471	550.4	.1995-02
44	.00000	.92500	815.00	.3741-01	.4417-01	.4323-01	31.69	1.185	.3469	550.2	.1604-02
44	.00000	.95000	816.00	.3467-01	.4094-01	.4007-01	31.67	1.098	.3471	550.6	.1486-02
44	.00000	.97500	817.00	.3063-01	.3615-01	.3539-01	31.73	.9717	.3460	548.8	.1313-02
44	.00000	1.0150	818.00	.2218-01	.2618-01	.2562-01	31.78	.7049	.3450	547.3	.9505-03
44	.00000	1.0300	819.00	.2175-01	.2567-01	.2513-01	31.76	.6908	.3455	547.9	.9322-03
44	.00000	1.0600	821.00	.1875-01	.2213-01	.2166-01	31.73	.5947	.3461	548.9	.8035-03

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A18)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
49	7.320	3.464	873.5	1559.	384.9	.3949	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
49	.00000	.30000	802.00	.7180-01	.8496-01	.8313-01	60.43	4.339	.3545	568.7	.1627-02
49	.00000	.35000	803.00	.7500-01	.8876-01	.8685-01	60.41	4.531	.3548	569.1	.1699-02
49	.00000	.40000	804.00	.7564-01	.8955-01	.8762-01	60.29	4.561	.3560	571.1	.1714-02
49	.00000	.45000	805.00	.7275-01	.8608-01	.8423-01	60.45	4.398	.3543	568.4	.1648-02
49	.00000	.50000	806.00	.6991-01	.8274-01	.8096-01	60.39	4.222	.3550	569.5	.1584-02
49	.00000	.55000	807.00	.7445-01	.8809-01	.8619-01	60.46	4.501	.3542	568.3	.1687-02
49	.00000	.60000	808.00	.7974-01	.9437-01	.9234-01	60.39	4.816	.3549	569.4	.1807-02
49	.00000	.65000	809.00	.9242-01	.1093	.1070	60.53	5.594	.3535	567.1	.2093-02
49	.00000	.70000	810.00	.1048	.1239	.1213	60.48	6.336	.3540	567.9	.2373-02
49	.00000	.75000	811.00	.1270	.1502	.1470	60.56	7.688	.3533	566.7	.2876-02
49	.00000	.80000	812.00	.1482	.1754	.1716	60.41	8.955	.3548	569.1	.3359-02
49	.00000	.85000	813.00	.1556	.1840	.1801	60.48	9.408	.3540	567.9	.3524-02
49	.00000	.90000	814.00	.1506	.1783	.1745	60.37	9.094	.3552	569.8	.3413-[illegible]
49	.00000	.92500	815.00	.1308	.1548	.1515	60.40	7.902	.3549	569.3	.2964-[illegible]
49	.00000	.95000	816.00	.1320	.1563	.1529	60.38	7.972	.3551	569.6	.2992-02
49	.00000	.97500	817.00	.1257	.1487	.1455	60.62	7.622	.3526	565.7	.2848-02
49	.00000	1.0150	818.00	.1083	.1280	.1252	60.82	6.584	.3506	562.4	.2451-02
49	.00000	1.0300	819.00	.1053	.1244	.1218	60.70	6.389	.3518	564.3	.2383-02
49	.00000	1.0600	821.00	.8987-01	.1063	.1040	60.51	5.438	.3537	567.4	.2036-02

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A19)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -30.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
55	7.320	3.697	875.1	1502.	370.0	.4052	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
55	.00000	.30000	802.00	.7004-01	.8298-01	.8118-01	57.70	4.041	.3588	553.2	.1548-02
55	.00000	.35000	803.00	.7340-01	.8696-01	.8508-01	57.68	4.234	.3589	553.4	.1622-02
55	.00000	.40000	804.00	.7480-01	.8864-01	.8672-01	57.60	4.308	.3598	554.7	.1654-02
55	.00000	.45000	805.00	.7202-01	.8532-01	.8347-01	57.72	4.157	.3585	552.8	.1592-02
55	.00000	.50000	806.00	.7041-01	.8343-01	.8162-01	57.66	4.060	.3591	553.7	.1556-02
55	.00000	.55000	807.00	.7675-01	.9093-01	.8896-01	57.70	4.428	.3588	553.1	.1696-02
55	.00000	.60000	808.00	.8485-01	.1005	.9836-01	57.64	4.891	.3594	554.1	.1876-02
55	.00000	.65000	809.00	.1035	.1226	.1200	57.73	5.975	.3584	552.6	.2287-02
55	.00000	.70000	810.00	.1210	.1434	.1403	57.69	6.980	.3589	553.4	.2674-02
55	.00000	.75000	811.00	.1470	.1742	.1704	57.74	8.490	.3583	552.5	.3250-02
55	.00000	.80000	812.00	.1700	.2015	.1971	57.64	9.802	.3594	554.1	.3759-02
55	.00000	.85000	813.00	.1769	.2096	.2050	57.69	10.20	.3588	553.2	.3909-02
55	.00000	.90000	814.00	.1711	.2027	.1983	57.62	9.856	.3596	554.5	.3781-02
55	.00000	.95000	816.00	.1472	.1745	.1707	57.62	8.484	.3596	554.4	.3255-02
55	.00000	.97500	817.00	.1385	.1640	.1604	57.83	8.008	.3574	551.0	.3060-02
55	.00000	1.0150	818.00	.1202	.1422	.1392	58.11	6.985	.3544	546.4	.2654-02
55	.00000	1.0300	819.00	.1149	.1360	.1331	58.03	6.669	.3552	547.7	.2538-02
55	.00000	1.0600	821.00	.9720-01	.1151	.1126	57.88	5.625	.3569	550.2	.2147-02

ARC 3.5-199 OH26 (01) BOTTOM CENTER LINE (RE2A20)

BOTTOM CENTER LINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 15.00 BDFLAP = 15.00
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
56	7.320	6.729	1643.	1529.	377.2	.7518	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
56	.00000	.30000	802.00	.4471-01	.5299-01	.5379-01	80.39	3.594	.3606	566.8	.7303-03
56	.00000	.35000	803.00	.4754-01	.5648-01	.5735-01	79.34	3.772	.3685	579.3	.7779-03
56	.00000	.40000	804.00	.4740-01	.5623-01	.5708-01	80.02	3.793	.3633	571.1	.7747-03
56	.00000	.45000	805.00	.4552-01	.5396-01	.5477-01	80.43	3.662	.3602	566.2	.7436-03
56	.00000	.50000	806.00	.4323-01	.5126-01	.5203-01	80.24	3.469	.3617	568.5	.7063-03
56	.00000	.55000	807.00	.4665-01	.5529-01	.5612-01	80.41	3.751	.3604	566.5	.7619-03
56	.00000	.60000	808.00	.5239-01	.6212-01	.6305-01	80.26	4.205	.3615	568.3	.8559-03
56	.00000	.65000	809.00	.6922-01	.8201-01	.8325-01	80.58	5.577	.3591	564.5	.1130-02
56	.00000	.70000	810.00	.9216-01	.1092	.1109	80.45	7.415	.3601	566.0	.1505-02
56	.00000	.75000	811.00	.1271	.1506	.1528	80.65	10.25	.3585	563.6	.2075-02
56	.00000	.80000	812.00	.1562	.1852	.1880	80.35	12.55	.3609	567.2	.2551-02
56	.00000	.85000	813.00	.1624	.1924	.1953	80.44	13.06	.3601	566.1	.2652-02
56	.00000	.90000	814.00	.1508	.1788	.1815	80.32	12.11	.3610	567.5	.2464-02
56	.00000	.92500	815.00	.1255	.1488	.1510	80.34	10.08	.3609	567.3	.2050-02
56	.00000	.95000	816.00	.1211	.1436	.1458	80.28	9.725	.3614	568.1	.1979-02
56	.00000	.97500	817.00	.1092	.1293	.1312	80.78	8.818	.3575	562.0	.1782-02
56	.00000	1.0150	818.00	.2326	.2753	.2794	80.94	18.82	.3563	560.1	.3705-02
56	.00000	1.0300	819.00	.2442	.2893	.2936	80.59	19.68	.3590	564.4	.3987-02
56	.00000	1.0600	821.00	.2205	.2614	.2654	80.25	17.69	.3616	568.3	.3602-02

ARC 3.5-199 OH26 (01) TOP CENTER LINE (RE2B01)

TOP CENTER LINE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01
5	7.320	.8912	234.1	1596.	394.8	.1042	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
5	180.00	.10000-01	59.000	.1560	.1835	.1797	33.17	5.173	.3341	549.7	.6906-02
5	180.00	.25000-01	60.000	.4460-01	.5246-01	.5137-01	33.23	1.482	.3328	547.7	.1974-02
5	180.00	.50000-01	61.000	.1900-01	.2234-01	.2188-01	33.29	.6324	.3318	545.9	.8408-03
5	180.00	.75000-01	62.000	.1009-01	.1186-01	.1162-01	33.32	.3362	.3311	544.9	.4466-03
5	180.00	.10000+00	63.000	.8143-02	.9574-02	.9376-02	33.34	.2715	.3308	544.4	.3604-03
5	180.00	.12500	64.000	.9339-02	.1098-01	.1075-01	33.34	.3113	.3308	544.4	.4133-03
5	180.00	.15000	65.000	.1332-01	.1566-01	.1534-01	33.33	.4440	.3309	544.5	.5894-03
5	180.00	.16000	66.000	.4676-01	.5498-01	.5384-01	33.33	1.558	.3311	544.8	.2069-02
5	180.00	.20000	69.000	.1209-01	.1422-01	.1392-01	33.32	.4029	.3312	545.0	.5351-03
4	180.00	.50100	73.000	.7089-02	.8396-02	.8215-02	29.89	.2119	.3578	541.2	.2936-03
4	180.00	.70100	75.000	.7101-02	.8410-02	.8228-02	29.90	.2123	.3575	540.8	.2941-03

ARC 3.5-199 OH26 (01) TOP CENTER LINE (RE2802)

TOP CENTER LINE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01
6	7.320	3.709	872.9	1497.	368.6	.4051	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
6	180.00	.10000-01	59.000	.1519	.1802	.1762	57.09	8.674	.3622	556.3	.3357-02
6	180.00	.25000-01	60.000	.4133-01	.4898-01	.4792-01	57.30	2.368	.3599	552.9	.9128-03
6	180.00	.50000-01	61.000	.1666-01	.1974-01	.1931-01	57.42	.9567	.3586	550.8	.3678-03
6	180.00	.75000-01	62.000	.8466-02	.1003-01	.9810-02	57.49	.4867	.3579	549.8	.1869-03
6	180.00	.10000+00	63.000	.8235-02	.9753-02	.9542-02	57.52	.4737	.3576	549.3	.1818-03
6	180.00	.12500	64.000	.1187-01	.1406-01	.1376-01	57.50	.6828	.3577	549.6	.2621-03
6	180.00	.15000	65.000	.2051-01	.2429-01	.2377-01	57.47	1.179	.3581	550.0	.4527-03
6	180.00	.16000	66.000	.7221-01	.8554-01	.8369-01	57.45	4.149	.3583	550.4	.1594-02
6	180.00	.20000	69.000	.9922-02	.1175-01	.1150-01	57.47	.5702	.3581	550.2	.2190-03
7	180.00	.50100	73.000	.7988-02	.9435-02	.9234-02	60.61	.4842	.3478	553.8	.1800-03
7	180.00	.70100	75.000	.6403-02	.7561-02	.7401-02	60.68	.3886	.3470	552.6	.1443-03

ARC 3.5-199 OH26 (01) TOP CENTER LINE

(RE2803)

TOP CENTER LINE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01
28	7.320	6.975	1658.	1505.	371.0	.7666	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
28	180.00	.10000-01	59.000	.1448	.1726	.1687	76.96	11.14	.3796	586.9	.2340-02
28	180.00	.25000-01	60.000	.3907-01	.4654-01	.4550-01	77.37	3.023	.3765	582.1	.6310-03
28	180.00	.50000-01	61.000	.1512-01	.1799-01	.1759-01	77.72	1.175	.3738	577.9	.2440-03
28	180.00	.75000-01	62.000	.6668-02	.7930-02	.7754-02	77.96	.5198	.3719	575.0	.1076-03
28	180.00	.10000+00	63.000	.7867-02	.9354-02	.9146-02	78.11	.6145	.3707	573.2	.1269-03
28	180.00	.12500	64.000	.1256-01	.1493-01	.1460-01	78.17	.9818	.3703	572.5	.2026-03
28	180.00	.15000	65.000	.2235-01	.2657-01	.2598-01	78.09	1.745	.3709	573.4	.3604-03
28	180.00	.16000	66.000	.7625-01	.9065-01	.8864-01	78.09	5.954	.3709	573.4	.1230-02
24	180.00	.50100	73.000	.9501-02	.1135-01	.1109-01	74.87	.7113	.3868	588.5	.1522-03
24	180.00	.70100	75.000	.1479-01	.1766-01	.1726-01	75.01	1.109	.3857	586.8	.2368-03

ARC 3.5-199 OH26 (01) TOP CENTER LINE (RE2B04)

TOP CENTER LINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01
29	7.320	7.043	1656.	1496.	368.4	.7686	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
29	180.00	.10000-01	59.000	.2382	.2840	.2884	76.26	18.16	.3802	583.7	.3836-02
29	180.00	.25000-01	60.000	.7567-01	.9014-01	.9154-01	76.66	5.801	.3771	578.9	.1218-02
29	180.00	.50000-01	61.000	.3452-01	.4109-01	.4172-01	77.03	2.659	.3742	574.5	.5552-03
29	180.00	.75000-01	62.000	.1607-01	.1912-01	.1941-01	77.31	1.243	.3720	571.1	.2584-03
29	180.00	.10000+00	63.000	.1011-01	.1202-01	.1221-01	77.48	.7836	.3707	569.0	.1625-03
29	180.00	.12500	64.000	.5899-02	.7013-02	.7120-02	77.57	.4576	.3700	568.1	.9479-04
29	180.00	.15000	65.000	.7286-02	.8661-02	.8794-02	77.51	.5647	.3705	568.8	.1171-03
29	180.00	.16000	66.000	.4032-01	.4794-01	.4867-01	77.53	3.126	.3703	568.5	.6479-03
29	180.00	.20000	69.000	.1731-01	.2057-01	.2088-01	77.72	1.345	.3688	566.2	.2781-03
25	180.00	.50100	73.000	.1503-01	.1796-01	.1824-01	74.92	1.126	.3866	588.9	.2411-03
25	180.00	.70100	75.000	.5292-02	.6320-02	.6420-02	75.08	.3973	.3853	587.0	.8487-04

ARC 3.5-199 OH26 (01) TOP CENTER LINE (RE2B05)

TOP CENTER LINE

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01
27	7.320	6.755	1656.	1533.	378.2	.7567	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
27	180.00	.10000-01	59.000	.1893	.2252	.2243	79.34	15.02	.3727	587.4	.3093-02
27	180.00	.25000-01	60.000	.5540-01	.6584-01	.6559-01	79.80	4.421	.3692	581.8	.9046-03
27	180.00	.50000-01	61.000	.2324-01	.2759-01	.2749-01	80.23	1.865	.3659	576.7	.3792-03
27	180.00	.75000-01	62.000	.1077-01	.1278-01	.1273-01	80.55	.8676	.3635	573.0	.1756-03
27	180.00	.10000+00	63.000	.7648-02	.9069-02	.9036-02	80.74	.6175	.3621	570.7	.1247-03
27	180.00	.12500	64.000	.7206-02	.8544-02	.8512-02	80.83	.5824	.3614	569.6	.1174-03
27	180.00	.15000	65.000	.1003-01	.1189-01	.1184-01	80.77	.8097	.3619	570.3	.1634-03
27	180.00	.16000	66.000	.5098-01	.6046-01	.6023-01	80.77	4.118	.3618	570.3	.8311-03
27	180.00	.20000	69.000	.1231-01	.1459-01	.1454-01	81.03	.9976	.3599	567.2	.2006-03
26	180.00	.50100	73.000	.1158-01	.1376-01	.1371-01	77.90	.9019	.3692	568.4	.1863-03
26	180.00	.70100	75.000	.1164-02	.1383-02	.1377-02	78.03	.9080-01	.3682	566.9	.1873-04

ARC 3.5-199 OH26 (01) TOP CENTER LINE (RE2B14)

TOP CENTER LINE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -7.000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
52	180.00	.50100	73.000	.8207-02	.9722-02	.9511-02	59.66	.4896	.3583	571.2	.1854-03
52	180.00	.70100	75.000	.7255-02	.8593-02	.8407-02	59.73	.4334	.3576	570.0	.1639-03

ARC 3.5-199 OH26 (01) TOP CENTER LINE (RE2B15)

TOP CENTER LINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
40	180.00	.50100	73.000	.1057-01	.1252-01	.1271-01	30.42	.3214	.3604	567.0	.4569-03
40	180.00	.70100	75.000	.8110-02	.9612-02	.9756-02	30.45	.2469	.3599	566.2	.3507-03

ARC 3.5-199 OH26 (01) TOP CENTER LINE (RE2B16)

TOP CENTER LINE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
41	180.00	.50100	73.000	.1423-01	.1684-01	.1710-01	60.48	.8608	.3552	572.0	.3240-03
41	180.00	.70100	75.000	.6925-02	.8193-02	.8315-02	60.58	.4195	.3542	570.5	.1576-03

ARC 3.5-199 OH26 (01) TOP CENTER LINE (RE2B17)

TOP CENTER LINE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
46	180.00	.50100	73.000	.7141-02	.8421-02	.8243-02	32.53	.2323	.3421	552.3	.3090-03
46	180.00	.70100	75.000	.6595-02	.7776-02	.7612-02	32.56	.2147	.3415	551.3	.2854-03

ARC 3.5-199 OH26 (01) TOP CENTER LINE (RE2B18)

TOP CENTER LINE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
47	180.00	.50100	73.000	.7623-02	.9033-02	.8837-02	57.95	.4417	.3597	557.7	.1691-03
47	180.00	.70100	75.000	.6227-02	.7377-02	.7217-02	58.04	.3614	.3587	556.3	.1381-03

ARC 3.5-199 OH26 (01) TOP CENTER LINE (RE2B19)

TOP CENTER LINE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -30.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
53	180.00	.50100	73.000	.8082-02	.9571-02	.9364-02	59.32	.4794	.3574	565.8	.1818-03
53	180.00	.70100	75.000	.6955-02	.8234-02	.8057-02	59.44	.4135	.3561	563.7	.1564-03

ARC 3.5-199 OH26 (01) WINDOW

(RE2C01)

WINDOW

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
5	7.320	.8912	234.1	1596.	394.8	.1042	.1750-01

TEST DATA

RUN NUMBER	WINDOW	TAP NO	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
5	1.0000	66.000	66.000	.4676-01	.5498-01	.5384-01	33.33	1.558	.3311	544.8	.2069-02
5	1.0000	77.000	77.000	.2340-01	.2752-01	.2695-01	33.30	.7793	.3316	545.6	.1036-02
5	1.0000	78.000	78.000	.4250-01	.4998-01	.4894-01	33.30	1.415	.3315	545.5	.1881-02
5	1.0000	79.000	79.000	.1802-01	.2119-01	.2076-01	33.32	.6005	.3313	545.1	.7977-03
5	1.0000	80.000	80.000	.7170-02	.8431-02	.8257-02	33.31	.2388	.3314	545.3	.3173-03
5	1.0000	81.000	81.000	.5461-01	.6421-01	.6289-01	33.31	1.819	.3314	545.3	.2417-02
5	1.0000	82.000	82.000	.1094-01	.1287-01	.1260-01	33.30	.3644	.3315	545.5	.4842-03
5	1.0000	83.000	83.000	.1752-01	.2061-01	.2018-01	33.30	.5835	.3316	545.7	.7756-03
5	1.0000	85.000	85.000	.5695-02	.6695-02	.6557-02	33.33	.1898	.3309	544.6	.2520-03
5	1.0000	86.000	86.000	.5983-02	.7035-02	.6890-02	33.31	.1993	.3313	545.2	.2648-03

ARC 3.5-199 OH26 (01) WINDOW (RE2C02)

WINDOW

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
6	7.320	3.709	872.9	1497.	368.6	.4051	.1750-01

TEST DATA

RUN NUMBER	WINDOW	TAP NO	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
6	1.0000	66.000	66.000	.7221-01	.8554-01	.8369-01	57.45	4.149	.3583	550.4	.1594-02
6	1.0000	77.000	77.000	.4320-01	.5119-01	.5008-01	57.33	2.476	.3596	552.5	.9540-03
6	1.0000	78.000	78.000	.1055	.1250	.1223	57.35	6.050	.3594	552.1	.2329-02
6	1.0000	79.000	79.000	.2234-01	.2647-01	.2590-01	57.37	1.282	.3592	551.8	.4933-03
6	1.0000	80.000	80.000	.1119-01	.1326-01	.1297-01	57.37	.6420	.3592	551.8	.2471-03
6	1.0000	81.000	81.000	.6307-01	.7472-01	.7310-01	57.40	3.620	.3588	551.2	.1393-02
6	1.0000	82.000	82.000	.1651-01	.1957-01	.1914-01	57.32	.9465	.3597	552.5	.3646-03
6	1.0000	83.000	83.000	.2406-01	.2851-01	.2789-01	57.32	1.379	.3597	552.6	.5313-03
6	1.0000	85.000	85.000	.4700-02	.5568-02	.5448-02	57.40	.2698	.3588	551.2	.1038-03
6	1.0000	86.000	86.000	.6750-02	.7998-02	.7824-02	57.37	.3872	.3592	551.8	.1490-03

ARC 3.5-199 OH26 (01) WINDOW

WINDOW (RE2C03)

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
28	7.320	6.975	1658.	1506.	371.0	.7666	.1750-01

TEST DATA

RUN NUMBER	WINDOW	TAP NO	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
28	1.0000	66.000	66.000	.7625-01	.9065-01	.8864-01	78.09	5.954	.3709	573.4	.1230-02
28	1.0000	77.000	77.000	.5941-01	.7070-01	.6912-01	77.76	4.620	.3734	577.3	.9588-03
28	1.0000	78.000	78.000	.1353	.1610	.1574	77.83	10.53	.3729	576.5	.2183-02
28	1.0000	79.000	79.000	.3387-01	.4030-01	.3940-01	77.77	2.634	.3734	577.3	.5465-03
28	1.0000	80.000	80.000	.9442-02	.1124-01	.1098-01	77.77	.7343	.3734	577.3	.1524-03
28	1.0000	81.000	81.000	.6139-01	.7300-01	.7138-01	78.00	4.788	.3716	574.5	.9902-03
28	1.0000	83.000	83.000	.3422-01	.4072-01	.3981-01	77.74	2.660	.3736	577.6	.5523-03
28	1.0000	85.000	85.000	.6183-02	.7356-02	.7192-02	77.88	.4816	.3725	575.9	.9977-04

ARC 3.5-199 OH26 (01) WINDOW (RE2C04)

WINDOW

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
29	7.320	7.043	1656.	1496.	368.4	.7686	.1750-01

TEST DATA

RUN NUMBER	WINDOW	TAP NO	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
29	1.0000	66.000	66.000	.4032-01	.4794-01	.4867-01	77.53	3.126	.3703	568.5	.6479-03
29	1.0000	77.000	77.000	.1556	.1851	.1879	77.28	12.02	.3723	571.5	.2501-02
29	1.0000	78.000	78.000	.1422	.1692	.1718	77.32	11.00	.3720	571.1	.2286-02
29	1.0000	79.000	79.000	.1382	.1644	.1670	77.27	10.68	.3723	571.6	.2222-02
29	1.0000	80.000	80.000	.3535-01	.4205-01	.4270-01	77.30	2.733	.3721	571.3	.5683-03
29	1.0000	81.000	81.000	.5945-01	.7068-01	.7177-01	77.45	4.604	.3709	569.4	.9554-03
29	1.0000	83.000	83.000	.1465	.1743	.1769	77.27	11.32	.3724	571.6	.2355-02
29	1.0000	85.000	85.000	.1477-01	.1757-01	.1784-01	77.37	1.143	.3715	570.4	.2374-03
29	1.0000	86.000	86.000	.3514-01	.4180-01	.4245-01	77.27	2.716	.3723	571.6	.5649-03

ARC 3.5-199 OH26 (01) WINDOW

WINDOW (RE2C05)

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
27	7.320	6.755	1656.	1533.	378.2	.7567	.1750-01

TEST DATA

RUN NUMBER	WINDOW	TAP NO	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
27	1.0000	66.000	66.000	.5098-01	.6046-01	.6023-01	80.77	4.118	.3618	570.3	.8311-03
27	1.0000	77.000	77.000	.1026	.1217	.1213	80.44	8.253	.3643	574.2	.1673-02
27	1.0000	78.000	78.000	.9799-01	.1163	.1158	80.51	7.889	.3638	573.4	.1598-02
27	1.0000	79.000	79.000	.5246-01	.6225-01	.6202-01	80.44	4.220	.3643	574.2	.8556-03
27	1.0000	80.000	80.000	.1268-01	.1504-01	.1499-01	80.44	1.020	.3643	574.2	.2068-03
27	1.0000	81.000	81.000	.5029-01	.5964-01	.5942-01	80.68	4.057	.3625	571.4	.8198-03
27	1.0000	83.000	83.000	.1006	.1194	.1189	80.43	8.091	.3644	574.4	.1641-02
27	1.0000	85.000	85.000	.1447-01	.1717-01	.1710-01	80.55	1.166	.3635	572.9	.2359-03
27	1.0000	86.000	86.000	.1292-01	.1533-01	.1528-01	80.42	1.039	.3645	574.4	.2107-03

ARC 3.5-199 OH26 (01) WING LOWER SURFACE

(RE2D01)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
1	7.320	.8953	225.7	1558.	384.8	.1020	.1750-01
3	7.320	.8133	225.7	1648.	408.6	.9836-01	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
1	.30000	.00000	845.00	.3386-01	.3992-01	.3908-01	31.37	1.062	.3413	547.4	.1505-02
1	.30000	.50000-01	846.00	.1169	.1378	.1349	31.35	3.665	.3417	548.1	.5195-02
1	.30000	.10000+00	847.00	.1058	.1247	.1221	31.40	3.323	.3407	546.4	.4702-02
1	.30000	.20000	848.00	.9135-01	.1077	.1054	31.41	2.869	.3405	546.2	.4059-02
1	.30000	.40000	850.00	.5730-01	.6753-01	.6611-01	31.43	1.801	.3401	545.5	.2546-02
1	.30000	.50000	851.00	.4585-01	.5403-01	.5290-01	31.46	1.443	.3395	544.5	.2037-02
1	.30000	.60000	852.00	.4222-01	.4975-01	.4871-01	31.47	1.329	.3393	544.1	.1876-02
1	.30000	.70000	853.00	.3936-01	.4637-01	.4540-01	31.49	1.239	.3390	543.6	.1748-02
1	.30000	.80000	854.00	.3670-01	.4325-01	.4234-01	31.46	1.154	.3396	544.6	.1630-02
1	.30000	.95000	856.00	.2239-01	.2639-01	.2584-01	31.44	.7039	.3400	545.4	.9949-03
3	.35000	.00000	857.00	.8451-01	.9929-01	.9725-01	34.03	2.876	.3281	558.7	.3890-02
1	.40000	.00000	858.00	.1582	.1865	.1826	31.31	4.952	.3425	549.4	.7030-02
1	.40000	.50000-01	859.00	.2950	.3479	.3406	31.31	9.235	.3426	549.5	.1311-01
1	.40000	.10000+00	860.00	.1898	.2239	.2192	31.31	5.944	.3425	549.3	.8439-02
1	.40000	.20000	861.00	.1073	.1265	.1239	31.37	3.366	.3413	547.4	.4769-02
1	.40000	.30000	862.00	.8732-01	.1029	.1008	31.42	2.744	.3403	545.8	.3880-02
1	.40000	.40000	863.00	.7024-01	.8278-01	.8104-01	31.46	2.210	.3395	544.6	.3121-02
1	.40000	.50000	864.00	.6713-01	.7909-01	.7743-01	31.50	2.114	.3388	543.4	.2982-02
1	.40000	.60000	865.00	.6883-01	.8111-01	.7941-01	31.47	2.166	.3393	544.2	.3058-02
1	.40000	.70000	866.00	.5916-01	.6971-01	.6825-01	31.47	1.862	.3393	544.3	.2628-02
1	.40000	.80000	867.00	.4491-01	.5292-01	.5181-01	31.46	1.413	.3395	544.5	.1995-02
1	.40000	.90000	868.00	.3555-01	.4191-01	.4103-01	31.40	1.116	.3407	546.4	.1580-02
1	.40000	.95000	869.00	.3007-01	.3546-01	.3471-01	31.36	.9431	.3415	547.7	.1336-02
1	.50000	.00000	871.00	.4866	.5738	.5618	31.34	15.25	.3420	548.4	.2163-01
1	.50000	.50000-01	872.00	.3019	.3560	.3485	31.32	9.455	.3423	549.0	.1342-01

ARC 3.5-199 OH26 (01) WING LOWER SURFACE

(RE2D01)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
1	.50000	.20000	874.00	.1182	.1394	.1365	31.35	3.707	.3418	548.2	.5256-02
1	.50000	.30000	875.00	.9562-01	.1127	.1104	31.39	3.001	.3410	546.9	.4249-02
1	.50000	.40000	876.00	.8331-01	.9818-01	.9612-01	31.45	2.620	.3397	544.8	.3701-02
1	.50000	.50000	877.00	.6111-01	.7200-01	.7049-01	31.49	1.924	.3390	543.7	.2715-02
1	.50000	.60000	878.00	.3082-01	.3633-01	.3556-01	31.40	.9675	.3408	546.6	.1369-02
3	.55000	.00000	879.00	.6461	.7594	.7438	33.93	21.92	.3301	562.0	.2975-01
3	.60000	.00000	880.00	.5621	.6608	.6472	33.92	19.07	.3302	562.3	.2588-01
3	.60000	.25000-01	881.00	.5232	.6151	.6024	33.89	17.73	.3307	563.0	.2409-01
3	.60000	.50000-01	882.00	.3036	.3570	.3496	33.88	10.29	.3309	563.4	.1398-01
3	.60000	.75000-01	883.00	.2509	.2950	.2889	33.89	8.503	.3308	563.3	.1155-01
3	.60000	.10000+00	884.00	.1922	.2260	.2213	33.89	6.514	.3308	563.2	.8850-02
3	.60000	.20000	885.00	.1258	.1479	.1449	33.90	4.266	.3305	562.8	.5794-02
3	.60000	.30000	886.00	.1167	.1371	.1343	33.95	3.961	.3295	561.1	.5370-02
3	.60000	.40000	887.00	.1026	.1205	.1180	34.03	3.491	.3281	558.6	.4721-02
3	.60000	.50000	888.00	.9696-01	.1139	.1115	34.08	3.304	.3272	557.1	.4461-02
3	.60000	.60000	889.00	.8397-01	.9863-01	.9660-01	34.09	2.862	.3270	556.9	.3864-02
3	.60000	.70000	890.00	.7267-01	.8534-01	.8359-01	34.10	2.478	.3267	556.3	.3344-02
3	.60000	.80000	891.00	.5139-01	.6036-01	.5912-01	34.10	1.752	.3268	556.5	.2365-02
3	.60000	.85000	892.00	.5129-01	.6025-01	.5901-01	34.04	1.746	.3279	558.3	.2360-02
3	.60000	.90000	893.00	.4185-01	.4919-01	.4818-01	33.96	1.421	.3295	561.1	.1927-02
3	.65000	.00000	895.00	.2960	.3479	.3407	33.95	10.05	.3296	561.2	.1363-01
3	.70000	.00000	896.00	.1544	.1815	.1778	33.96	5.245	.3294	560.8	.7109-02
3	.70000	.25000-01	897.00	.1969	.2314	.2266	33.91	6.676	.3303	562.4	.9064-02
3	.70000	.10000+00	898.00	.1837	.2160	.2115	33.89	6.224	.3308	563.3	.8458-02
3	.70000	.20000	899.00	.1463	.1720	.1684	33.89	4.957	.3308	563.2	.6736-02
3	.70000	.30000	900.00	.1151	.1353	.1325	33.92	3.904	.3301	562.1	.5299-02
3	.70000	.40000	901.00	.1010	.1187	.1162	33.99	3.433	.3288	559.8	.4649-02
3	.70000	.60000	902.00	.8938-01	.1050	.1028	34.06	3.045	.3275	557.6	.4113-02
3	.70000	.90000	903.00	.4637-01	.5451-01	.5338-01	33.94	1.574	.3298	561.5	.2135-02
3	.75000	.00000	904.00	.1717	.2019	.1977	33.90	5.823	.3305	562.7	.7907-02
3	.75000	.25000-01	905.00	.3018	.3548	.3475	33.87	10.22	.3311	563.8	.1390-01
3	.75000	.50000-01	906.00	.2504	.2945	.2884	33.86	8.481	.3312	564.0	.1153-01
3	.75000	.10000+00	907.00	.1970	.2316	.2269	33.85	6.669	.3315	564.4	.9072-02
3	.75000	.20000	908.00	.1301	.1530	.1498	33.88	4.407	.3310	563.6	.5991-02
3	.75000	.30000	909.00	.1145	.1345	.1318	33.91	3.881	.3304	562.5	.5270-02
3	.75000	.40000	910.00	.1015	.1192	.1168	33.99	3.449	.3290	560.1	.4671-02
3	.75000	.60000	911.00	.8832-01	.1038	.1016	34.02	3.005	.3283	558.9	.4065-02
3	.75000	.80000	912.00	.5737-01	.6741-01	.6603-01	34.01	1.951	.3286	559.5	.2641-02
3	.75000	.90000	913.00	.4805-01	.5648-01	.5532-01	33.90	1.629	.3306	562.9	.2212-02
3	.75000	.95000	914.00	.3887-01	.4570-01	.4476-01	33.87	1.316	.3312	563.9	.1790-02
3	.80000	.00000	915.00	.2867	.3371	.3302	33.85	9.704	.3315	564.5	.1320-01
3	.80000	.20000	916.00	.1294	.1521	.1490	33.85	4.379	.3316	564.6	.5958-02
3	.80000	.40000	917.00	.9832-01	.1155	.1132	33.96	3.338	.3295	561.1	.4526-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE

(RE2D01)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
3	.80000	.90000	918.00	.5218-01	.6134-01	.6008-01	33.90	1.769	.3305	562.8	.2403-02
3	.85000	.00000	919.00	.3468	.4078	.3994	33.88	11.75	.3309	563.5	.1597-01
3	.85000	.20000	920.00	.1254	.1474	.1443	33.88	4.247	.3309	563.5	.5773-02
3	.90000	.00000	922.00	.2012	.2365	.2316	33.95	6.829	.3297	561.4	.9262-02
3	.90000	.10000+00	923.00	.1817	.2136	.2092	33.90	6.158	.3306	562.9	.8365-02
3	.90000	.20000	924.00	.1518	.1785	.1748	33.88	5.143	.3310	563.6	.6991-02
3	.90000	.30000	925.00	.1173	.1379	.1351	33.86	3.972	.3313	564.0	.5401-02
3	.90000	.50000	926.00	.1428	.1679	.1644	33.92	4.844	.3302	562.2	.6575-02
3	.90000	.80000	927.00	.7511-01	.8830-01	.8648-01	33.88	2.545	.3309	563.5	.3458-02
3	.90000	.90000	928.00	.5521-01	.6492-01	.6358-01	33.83	1.867	.3319	565.2	.2543-02
3	.95000	.00000	929.00	.1036	.1218	.1193	33.91	3.514	.3303	562.4	.4771-02
3	.95000	.50000-01	930.00	.1494	.1757	.1720	33.88	5.063	.3309	563.4	.6880-02
3	.95000	.10000+00	931.00	.1484	.1745	.1709	33.87	5.025	.3312	563.9	.6833-02
3	.95000	.20000	932.00	.1527	.1795	.1758	33.85	5.168	.3315	564.5	.7031-02
3	.95000	.30000	933.00	.1414	.1663	.1629	33.86	4.789	.3313	564.2	.6513-02
3	.95000	.50000	934.00	.9640-01	.1133	.1110	33.91	3.269	.3303	562.4	.4439-02
3	.95000	.70000	935.00	.1237	.1455	.1425	33.87	4.191	.3311	563.8	.5697-02
3	.95000	.80000	936.00	.1097	.1290	.1263	33.82	3.708	.3321	565.5	.5050-02
3	.95000	.90000	937.00	.7299-01	.8586-01	.8408-01	33.78	2.465	.3329	566.8	.3362-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D02)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
8	7.320	3.612	873.5	1521.	374.9	.4012	.1750-01
9	7.320	3.827	875.1	1471.	362.0	.4105	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
9	.30000	.00000	845.00	.3187-01	.3794-01	.3709-01	54.95	1.751	.3749	565.6	.6975-03
9	.30000	.50000-01	846.00	.1106	.1317	.1287	54.84	6.064	.3760	567.3	.2421-02
9	.30000	.10000+00	847.00	.1019	.1212	.1185	55.04	5.607	.3739	564.1	.2229-02
9	.30000	.20000	848.00	.9022-01	.1074	.1050	55.04	4.966	.3739	554.1	.1974-02
9	.30000	.40000	850.00	.6320-01	.7519-01	.7351-01	55.12	3.484	.3730	562.7	.1383-02
9	.30000	.50000	851.00	.6935-01	.8249-01	.8066-01	55.20	3.828	.3722	561.5	.1517-02
9	.30000	.60000	852.00	.1000	.1190	.1163	55.23	5.524	.3718	560.9	.2188-02
9	.30000	.70000	853.00	.1443	.1716	.1678	55.26	7.974	.3715	560.4	.3156-02
9	.30000	.80000	854.00	.1810	.2153	.2105	55.22	9.995	.3719	561.1	.3959-02
9	.30000	.95000	856.00	.9176-01	.1091	.1067	55.32	5.076	.3708	559.4	.2006-02
8	.35000	.00000	857.00	.8486-01	.1006	.9842-01	58.18	4.937	.3615	564.9	.1894-02
9	.40000	.00000	858.00	.1583	.1885	.1843	54.78	8.672	.3767	568.3	.3466-02
9	.40000	.50000-01	859.00	.2978	.3547	.3468	54.75	16.30	.3771	568.9	.6521-02
9	.40000	.10000+00	860.00	.1974	.2352	.2299	54.78	10.82	.3767	568.3	.4324-02
9	.40000	.20000	861.00	.1173	.1401	.1369	54.18	6.358	.3833	578.3	.2574-02
9	.40000	.30000	862.00	.1005	.1196	.1169	55.12	5.541	.3730	562.7	.2199-02
9	.40000	.40000	863.00	.9085-01	.1081	.1057	55.20	5.015	.3722	561.5	.1987-02
9	.40000	.50000	864.00	.1282	.1524	.1490	55.32	7.091	.3708	559.4	.2803-02
9	.40000	.60000	865.00	.1534	.1824	.1784	55.26	8.477	.3715	560.5	.3355-02
9	.40000	.70000	866.00	.1481	.1761	.1722	55.28	8.184	.3713	560.1	.3238-02
9	.40000	.80000	867.00	.1430	.1700	.1662	55.31	7.908	.3710	559.7	.3127-02
9	.40000	.90000	868.00	.1161	.1381	.1350	55.17	6.404	.3724	561.9	.2539-02
9	.40000	.95000	869.00	.1056	.1257	.1229	55.11	5.821	.3732	563.0	.2311-02
9	.50000	.00000	871.00	.4759	.5666	.5539	54.91	26.13	.3753	566.2	.1042-01
9	.50000	.50000-01	872.00	.3138	.3736	.3653	54.86	17.21	.3759	567.1	.6869-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D02)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
9	.50000	.20000	874.00	.1331	.1584	.1549	54.99	7.317	.3745	565.0	.2912-02
9	.50000	.30000	875.00	.1133	.1349	.1319	55.08	6.243	.3734	563.4	.2480-02
9	.50000	.40000	876.00	.1063	.1265	.1237	55.23	5.874	.3718	560.9	.2326-02
9	.50000	.50000	877.00	.1127	.1339	.1310	55.33	6.234	.3707	559.3	.2463-02
9	.50000	.60000	878.00	.8820-01	.1049	.1026	55.22	4.870	.3719	561.1	.1929-02
8	.55000	.00000	879.00	.6308	.7483	.7319	58.05	36.62	.3629	567.0	.1409-01
8	.60000	.00000	880.00	.5158	.6118	.5984	58.06	29.94	.3628	566.9	.1152-01
8	.60000	.25000-01	881.00	.5041	.5981	.5850	57.98	29.23	.3636	568.2	.1126-01
8	.60000	.50000-01	882.00	.3190	.3785	.3702	57.96	18.49	.3638	568.4	.7124-02
8	.60000	.75000-01	883.00	.2669	.3167	.3098	57.99	15.48	.3635	568.1	.5962-02
8	.60000	.10000+00	884.00	.2089	.2479	.2424	58.02	12.12	.3631	567.5	.4666-02
8	.60000	.20000	885.00	.1457	.1728	.1691	58.11	8.468	.3623	566.1	.3254-02
8	.60000	.30000	886.00	.1481	.1755	.1717	58.22	8.619	.3611	564.3	.3305-02
8	.60000	.40000	887.00	.1513	.1793	.1754	58.35	8.827	.3597	562.1	.3375-02
8	.60000	.50000	888.00	.1686	.1997	.1954	58.43	9.850	.3588	560.7	.3761-02
8	.60000	.60000	889.00	.1653	.1958	.1915	58.46	9.661	.3586	560.3	.3687-02
8	.60000	.70000	890.00	.1543	.1827	.1787	58.56	9.034	.3574	558.6	.3440-02
8	.60000	.80000	891.00	.1064	.1260	.1232	58.64	6.238	.3567	557.3	.2372-02
8	.60000	.85000	892.00	.1046	.1239	.1212	58.49	6.116	.3583	559.8	.2333-02
8	.60000	.90000	893.00	.8860-01	.1050	.1027	58.31	5.166	.3601	562.8	.1977-02
8	.60000	.95000	894.00	.7440-01	.8821-01	.8628-01	58.22	4.331	.3611	564.3	.1661-02
8	.65000	.00000	895.00	.2920	.3462	.3386	58.19	16.99	.3613	564.6	.6517-02
8	.70000	.00000	896.00	.1551	.1839	.1799	58.26	9.038	.3606	563.5	.3462-02
8	.70000	.25000-01	897.00	.2041	.2420	.2367	58.14	11.87	.3618	565.4	.4555-02
8	.70000	.10000+00	898.00	.1943	.2304	.2254	58.10	11.29	.3623	566.2	.4338-02
8	.70000	.20000	899.00	.1656	.1964	.1921	58.14	9.626	.3619	565.6	.3697-02
8	.70000	.30000	900.00	.1480	.1755	.1717	58.21	8.616	.3612	564.4	.3304-02
8	.70000	.40000	901.00	.1578	.1870	.1829	58.36	9.209	.3596	561.9	.3521-02
8	.70000	.60000	902.00	.2443	.2894	.2831	58.49	14.29	.3583	559.8	.5449-02
8	.75000	.00000	904.00	.2340	.2775	.2714	58.19	13.62	.3614	564.8	.5224-02
8	.75000	.50000-01	906.00	.3414	.4049	.3961	58.06	19.82	.3627	566.8	.7623-02
8	.75000	.10000+00	907.00	.2841	.3370	.3296	58.04	16.49	.3630	567.2	.6344-02
8	.75000	.20000	908.00	.1567	.1858	.1817	58.10	9.103	.3623	566.1	.3498-02
8	.75000	.30000	909.00	.1256	.1489	.1456	58.19	7.308	.3614	564.7	.2803-02
8	.75000	.40000	910.00	.1676	.1986	.1943	58.35	9.778	.3596	562.0	.3739-02
8	.75000	.60000	911.00	.2792	.3308	.3236	58.45	16.32	.3587	560.5	.6229-02
8	.75000	.80000	912.00	.2090	.2476	.2422	58.51	12.23	.3580	559.4	.4663-02
8	.75000	.90000	913.00	.1703	.2018	.1974	58.24	9.915	.3609	563.9	.3800-02
8	.75000	.95000	914.00	.1390	.1648	.1612	58.17	8.086	.3615	564.9	.3103-02
8	.80000	.00000	915.00	.3505	.4158	.4067	58.05	20.35	.3629	567.0	.7827-02
8	.80000	.20000	916.00	.4193	.4974	.4865	58.03	24.33	.3631	567.4	.9363-02
8	.80000	.40000	917.00	.1350	.1601	.1566	58.28	7.871	.3604	563.2	.3014-02
8	.80000	.90000	918.00	.1921	.2277	.2228	58.30	11.20	.3602	562.9	.4288-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D02)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
8	.85000	.00000	919.00	.3768	.4469	.4371	58.11	21.90	.3622	566.0	.8413-02
8	.85000	.20000	920.00	.4268	.5061	.4951	58.09	24.79	.3625	566.4	.9528-02
8	.90000	.00000	922.00	.2020	.2394	.2342	58.28	11.77	.3605	563.3	.4508-02
8	.90000	.10000+00	923.00	.3168	.3757	.3675	58.13	18.42	.3620	565.7	.7073-02
8	.90000	.20000	924.00	.4045	.4798	.4693	58.07	23.49	.3626	566.6	.9032-02
8	.90000	.30000	925.00	.3932	.4663	.4561	58.06	22.83	.3628	566.9	.8779-02
8	.90000	.50000	926.00	.3962	.4696	.4594	58.27	23.09	.3605	563.3	.8841-02
8	.90000	.80000	927.00	.2768	.3281	.3210	58.34	16.15	.3598	562.2	.6177-02
8	.90000	.90000	928.00	.2105	.2496	.2442	58.19	12.25	.3614	564.7	.4699-02
8	.95000	.00000	929.00	.1051	.1246	.1219	58.21	6.119	.3611	564.3	.2346-02
8	.95000	.50000-01	930.00	.1818	.2156	.2109	58.12	10.57	.3621	565.8	.4060-02
8	.95000	.10000+00	931.00	.2399	.2846	.2783	58.08	13.94	.3625	566.5	.5357-02
8	.95000	.20000	932.00	.3268	.3876	.3792	58.05	18.97	.3629	567.0	.7297-02
8	.95000	.30000	933.00	.3518	.4173	.4082	58.09	20.44	.3624	566.3	.7856-02
8	.95000	.50000	934.00	.2737	.3244	.3173	58.34	15.97	.3598	562.2	.6108-02
8	.95000	.70000	935.00	.2451	.2905	.2842	58.37	14.31	.3595	561.7	.5469-02
8	.95000	.80000	936.00	.2272	.2694	.2636	58.19	13.22	.3613	564.6	.5072-02
8	.95000	.90000	937.00	.1722	.2042	.1997	58.07	9.998	.3626	566.7	.3844-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D03)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
10	7.320	6.996	1649.	1498.	369.0	.7649	.1750-01
23	7.320	6.954	1658.	1508.	371.7	.7656	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
10	.30000	.00000	845.00	.5903-01	.7044-01	.6884-01	75.99	4.486	.3823	588.0	.9542-03
10	.30000	.50000-01	846.00	.2916	.3482	.3403	75.75	22.09	.3842	590.9	.4716-02
10	.30000	.10000+00	847.00	.3046	.3632	.3550	76.24	23.22	.3804	585.0	.4920-02
10	.30000	.20000	848.00	.3021	.3602	.3521	76.29	23.05	.3800	584.4	.4880-02
10	.30000	.40000	850.00	.3201	.3815	.3729	76.48	24.48	.3784	582.0	.5170-02
10	.30000	.50000	851.00	.3094	.3686	.3604	76.61	23.70	.3775	580.5	.4995-02
10	.30000	.60000	852.00	.3093	.3684	.3602	76.67	23.71	.3770	579.9	.4993-02
10	.30000	.70000	853.00	.2916	.3473	.3395	76.71	22.37	.3767	579.3	.4706-02
10	.30000	.80000	854.00	.2677	.3189	.3117	76.57	20.49	.3778	581.0	.4321-02
10	.30000	.95000	856.00	.1177	.1402	.1370	76.60	9.013	.3776	580.7	.1900-02
23	.35000	.00000	857.00	.9494-01	.1131	.1106	77.42	7.351	.3770	584.0	.1535-02
10	.40000	.00000	858.00	.2821	.3369	.3292	75.67	21.35	.3848	591.9	.4563-02
10	.40000	.50000-01	859.00	.6501	.7766	.7589	75.53	49.10	.3859	593.5	.1052-01
10	.40000	.10000+00	860.00	.5316	.6349	.6205	75.61	40.20	.3853	592.6	.8600-02
10	.40000	.20000	861.00	.3784	.4515	.4413	76.01	28.76	.3822	587.8	.6116-02
10	.40000	.30000	862.00	.3670	.4374	.4276	76.39	28.03	.3792	583.2	.5927-02
10	.40000	.40000	863.00	.3295	.3926	.3838	76.54	25.22	.3780	581.4	.5320-02
10	.40000	.50000	864.00	.3285	.3912	.3824	76.78	25.22	.3761	578.4	.5302-02
10	.40000	.60000	865.00	.3067	.3655	.3573	76.52	23.47	.3782	581.7	.4952-02
10	.40000	.70000	866.00	.2664	.3174	.3103	76.57	20.40	.3778	581.0	.4301-02
10	.40000	.80000	867.00	.1956	.2330	.2278	76.57	14.97	.3778	591.0	.3157-02
10	.40000	.90000	868.00	.1551	.1850	.1808	76.19	11.82	.3807	585.6	.2506-02
10	.40000	.95000	869.00	.1375	.1640	.1603	76.03	10.45	.3820	587.5	.2222-02
10	.50000	.50000-01	872.00	.7629	.9110	.8902	75.68	57.73	.3848	591.8	.1234-01
10	.50000	.20000	874.00	.4530	.5406	.5284	75.91	34.39	.3829	588.9	.7324-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE

(RE2D03)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
10	.50000	.30000	875.00	.3918	.4673	.4567	76.16	29.84	.3810	585.9	.6331-02
10	.50000	.40000	876.00	.3648	.4347	.4249	76.50	27.91	.3783	581.8	.5890-02
10	.50000	.50000	877.00	.3343	.3982	.3893	76.71	25.65	.3767	579.3	.5396-02
10	.50000	.60000	878.00	.1709	.2038	.1992	76.29	13.04	.3800	584.4	.2762-02
23	.60000	.50000-01	882.00	.5248	.6262	.6120	76.73	40.27	.3824	592.3	.8498-02
23	.60000	.75000-01	883.00	.4841	.5776	.5645	76.76	37.16	.3822	592.0	.7839-02
23	.60000	.10000+00	884.00	.5595	.6675	.6524	76.80	42.97	.3819	591.5	.9059-02
23	.60000	.20000	885.00	.5170	.6166	.6027	76.96	39.79	.3806	589.6	.8369-02
23	.60000	.30000	886.00	.5140	.6126	.5988	77.22	39.69	.3787	586.5	.8316-02
23	.60000	.40000	887.00	.4728	.5630	.5504	77.57	36.67	.3759	582.3	.7644-02
23	.60000	.50000	888.00	.4416	.5257	.5139	77.73	34.33	.3747	580.3	.7137-02
23	.60000	.60000	889.00	.3878	.4616	.4513	77.80	30.17	.3741	579.5	.6267-02
23	.60000	.70000	890.00	.3513	.4179	.4086	77.99	27.40	.3726	577.2	.5675-02
23	.60000	.80000	891.00	.2391	.2844	.2781	78.17	18.69	.3713	575.1	.3862-02
23	.60000	.85000	892.00	.2298	.2736	.2675	77.77	17.87	.3744	579.9	.3715-02
23	.60000	.90000	893.00	.1906	.2272	.2221	77.31	14.74	.3779	585.3	.3084-02
23	.60000	.95000	894.00	.7319-01	.8727-01	.8531-01	77.02	5.637	.3802	588.9	.1185-02
23	.65000	.00000	895.00	.3457	.4120	.4027	77.30	26.73	.3780	585.5	.5592-02
23	.70000	.00000	896.00	.2027	.2415	.2361	77.41	15.69	.3771	584.1	.3279-02
23	.70000	.25000-01	897.00	.3064	.3653	.3571	77.09	23.62	.3796	588.0	.4959-02
23	.70000	.10000+00	898.00	.3727	.4444	.4344	76.93	28.67	.3808	589.9	.6032-02
23	.70000	.20000	899.00	.5822	.6943	.6786	76.98	44.82	.3805	589.3	.9424-02
23	.70000	.30000	900.00	.5119	.6102	.5964	77.15	39.49	.3792	587.3	.8282-02
23	.70000	.40000	901.00	.4769	.5679	.5552	77.52	36.97	.3763	582.9	.7711-02
23	.70000	.60000	902.00	.4287	.5102	.4989	77.82	33.37	.3740	579.2	.6928-02
23	.75000	.25000-01	905.00	.5614	.6695	.6544	76.97	43.22	.3805	589.4	.9087-02
23	.75000	.50000-01	906.00	.5607	.6688	.6537	76.85	43.09	.3815	590.9	.9077-02
23	.75000	.10000+00	907.00	.5012	.5979	.5844	76.78	38.48	.3821	591.8	.8115-02
23	.75000	.20000	908.00	.4766	.5684	.5556	76.88	36.64	.3812	590.5	.7715-02
23	.75000	.30000	909.00	.5120	.6104	.5967	77.09	39.47	.3796	588.0	.8286-02
23	.75000	.40000	910.00	.4788	.5702	.5574	77.50	37.11	.3764	583.1	.7741-02
23	.75000	.80000	912.00	.2578	.3068	.2999	77.79	20.05	.3742	579.6	.4166-02
23	.75000	.90000	913.00	.2074	.2473	.2417	77.14	16.00	.3793	587.5	.3356-02
23	.75000	.95000	914.00	.1691	.2017	.1971	76.97	13.02	.3805	589.4	.2737-02
23	.80000	.00000	915.00	.4554	.5432	.5309	76.82	34.98	.3817	591.2	.7373-02
23	.80000	.20000	916.00	.5749	.6859	.6704	76.74	44.12	.3823	592.2	.9309-02
23	.80000	.40000	917.00	.4774	.5690	.5562	77.14	36.83	.3792	587.4	.7724-02
23	.80000	.90000	918.00	.2278	.2716	.2654	77.07	17.55	.3798	588.3	.3686-02
23	.85000	.00000	919.00	.5092	.6075	.5937	76.81	39.12	.3818	591.3	.8245-02
23	.85000	.20000	920.00	.5318	.6346	.6202	76.68	40.78	.3828	592.9	.8612-02
23	.90000	.00000	922.00	.2660	.3171	.3099	77.18	20.53	.3789	586.9	.4304-02
23	.90000	.10000+00	923.00	.4495	.5362	.5241	76.82	34.53	.3818	591.3	.7277-02
23	.90000	.20000	924.00	.5011	.5979	.5844	76.71	38.44	.3826	592.6	.8115-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D03)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
23	.90000	.30000	925.00	.4854	.5793	.5661	76.65	37.21	.3830	593.2	.7861-02
23	.90000	.50000	926.00	.4861	.5795	.5665	77.07	37.46	.3798	588.2	.7866-02
23	.90000	.80000	927.00	.2875	.3426	.3349	77.19	22.19	.3788	586.8	.4651-02
23	.90000	.90000	928.00	.2234	.2666	.2605	76.82	17.17	.3817	591.3	.3618-02
23	.95000	.00000	929.00	.1361	.1623	.1586	76.99	10.48	.3804	589.2	.2203-02
23	.95000	.50000-01	930.00	.2463	.2938	.2872	76.79	18.91	.3820	591.6	.3988-02
23	.95000	.10000+00	931.00	.3110	.3711	.3627	76.69	23.85	.3827	592.8	.5036-02
23	.95000	.20000	932.00	.4013	.4790	.4681	76.60	30.74	.3834	593.9	.6500-02
23	.95000	.30000	933.00	.4314	.5148	.5031	76.69	33.08	.3827	592.8	.6986-02
23	.95000	.50000	934.00	.3303	.3936	.3848	77.24	25.51	.3785	586.2	.5343-02
23	.95000	.70000	935.00	.2961	.3529	.3449	77.25	22.87	.3784	586.1	.4790-02
23	.95000	.80000	936.00	.2699	.3220	.3147	76.86	20.75	.3814	590.7	.4370-02
23	.95000	.90000	937.00	.1996	.2382	.2328	76.57	15.28	.3836	594.2	.3232-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D04)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
11	7.320	6.308	1645.	1590.	393.1	.7343	.1750-01
22	7.320	6.947	1652.	1506.	371.0	.7636	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
11	.30000	.00000	845.00	.3038-01	.3607-01	.3661-01	83.28	2.530	.3652	598.3	.5095-03
11	.30000	.50000-01	846.00	.1002	.1190	.1208	82.98	8.314	.3674	601.9	.1681-02
11	.30000	.10000+00	847.00	.9584-01	.1137	.1154	83.68	8.020	.3623	593.6	.1606-02
11	.30000	.20000	848.00	.9079-01	.1077	.1093	83.77	7.605	.3616	592.5	.1521-02
11	.30000	.40000	850.00	.7617-01	.9026-01	.9161-01	84.07	6.404	.3594	588.8	.1275-02
11	.30000	.50000	851.00	.8305-01	.9837-01	.9984-01	84.26	6.998	.3580	586.6	.1390-02
11	.30000	.60000	852.00	.1256	.1488	.1510	84.36	10.60	.3573	585.4	.2102-02
11	.30000	.70000	853.00	.1657	.1962	.1992	84.39	13.98	.3571	585.1	.2773-02
11	.30000	.80000	854.00	.1736	.2056	.2087	84.21	14.62	.3584	587.1	.2906-02
11	.30000	.95000	856.00	.6577-01	.7793-01	.7910-01	84.13	5.533	.3590	588.2	.1101-02
22	.35000	.00000	857.00	.8447-01	.1006	.1022	77.24	6.525	.3762	581.7	.1367-02
11	.40000	.00000	858.00	.1846	.2193	.2227	82.80	15.28	.3687	604.1	.3097-02
11	.40000	.50000-01	859.00	.3279	.3898	.3957	82.62	27.09	.3700	606.3	.5504-02
11	.40000	.10000+00	860.00	.2026	.2408	.2444	82.74	16.76	.3692	604.8	.3400-02
11	.40000	.20000	861.00	.1117	.1326	.1346	83.32	9.309	.3649	597.8	.1873-02
11	.40000	.30000	862.00	.9482-01	.1124	.1141	83.90	7.955	.3607	590.9	.1588-02
11	.40000	.40000	863.00	.8328-01	.9868-01	.1002	84.12	7.005	.3591	588.3	.1394-02
11	.40000	.50000	864.00	.1292	.1529	.1552	84.46	10.91	.3566	584.2	.2161-02
11	.40000	.60000	865.00	.1745	.2067	.2098	84.14	14.68	.3589	588.1	.2921-02
11	.40000	.70000	866.00	.1603	.1899	.1928	84.19	13.50	.3585	587.4	.2684-02
11	.40000	.80000	867.00	.1172	.1388	.1409	84.19	9.866	.3585	587.4	.1962-02
11	.40000	.90000	868.00	.8754-01	.1038	.1054	83.75	7.332	.3617	592.7	.1467-02
11	.40000	.95000	869.00	.7567-01	.8978-01	.9113-01	83.52	6.320	.3634	595.4	.1268-02
11	.50000	.50000-01	872.00	.3643	.4330	.4396	82.73	30.14	.3692	604.9	.6114-02
11	.50000	.20000	874.00	.3819	.4535	.4604	83.14	31.75	.3662	600.0	.6405-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D04)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
11	.50000	.30000	875.00	.3183	.3776	.3833	83.51	26.58	.3635	595.5	.5335-02
11	.50000	.40000	876.00	.2859	.3388	.3439	84.02	24.02	.3598	589.5	.4788-02
11	.50000	.50000	877.00	.2434	.2882	.2926	84.34	20.53	.3574	585.6	.4074-02
11	.50000	.60000	878.00	.9715-01	.1152	.1169	83.83	8.144	.3611	591.7	.1627-02
22	.60000	.50000-01	882.00	.6989	.8342	.8474	76.29	53.32	.3836	593.1	.1133-01
22	.60000	.75000-01	883.00	.6216	.7419	.7535	76.36	47.46	.3831	592.3	.1008-01
22	.60000	.10000+00	884.00	.5089	.6072	.6167	76.45	38.90	.3824	591.3	.9247-02
22	.60000	.20000	885.00	.3483	.4154	.4218	76.72	26.72	.3803	588.1	.5642-02
22	.60000	.30000	886.00	.3500	.4171	.4235	77.00	26.95	.3782	584.7	.5666-02
22	.60000	.40000	887.00	.3312	.3943	.4004	77.36	25.62	.3753	580.3	.5358-02
22	.60000	.50000	888.00	.3161	.3762	.3820	77.55	24.51	.3739	578.0	.5112-02
22	.60000	.60000	889.00	.2799	.3330	.3381	77.62	21.72	.3733	577.2	.4525-02
22	.60000	.70000	890.00	.2482	.2951	.2997	77.85	19.32	.3715	574.5	.4011-02
22	.60000	.80000	891.00	.1574	.1871	.1899	78.08	12.29	.3698	571.7	.2543-02
22	.60000	.85000	892.00	.1423	.1693	.1719	77.73	11.06	.3725	575.9	.2301-02
22	.60000	.90000	893.00	.1094	.1302	.1322	77.32	8.455	.3756	580.8	.1769-02
22	.60000	.95000	894.00	.4566-01	.5442-01	.5526-01	76.98	3.515	.3783	584.9	.7393-03
22	.65000	.00000	895.00	.5814	.6930	.7038	76.85	44.68	.3793	586.4	.9414-02
22	.70000	.00000	896.00	.2811	.3350	.3403	76.97	21.64	.3783	585.0	.4552-02
22	.70000	.25000-01	897.00	.3443	.4107	.4171	76.63	26.38	.3810	589.1	.5578-02
22	.70000	.10000+00	898.00	.4057	.4840	.4915	76.53	31.05	.3818	590.3	.6573-02
22	.70000	.20000	899.00	.3806	.4540	.4611	76.66	29.18	.3807	588.7	.6166-02
22	.70000	.30000	900.00	.3356	.4000	.4062	76.88	25.80	.3791	586.1	.5434-02
22	.70000	.40000	901.00	.3253	.3873	.3933	77.27	25.13	.3760	581.4	.5263-02
22	.70000	.60000	902.00	.2992	.3560	.3615	77.64	23.23	.3731	576.9	.4839-02
22	.75000	.25000-01	905.00	.5138	.6131	.6228	76.44	39.28	.3825	591.4	.8327-02
22	.75000	.50000-01	906.00	.4553	.5434	.5519	76.34	34.76	.3832	592.5	.7380-02
22	.75000	.10000+00	907.00	.4169	.4977	.5055	76.31	31.82	.3835	592.9	.6759-02
22	.75000	.20000	908.00	.3156	.3765	.3824	76.51	24.15	.3819	590.5	.5114-02
22	.75000	.30000	909.00	.3126	.3726	.3785	76.79	24.00	.3797	587.2	.5062-02
22	.75000	.40000	910.00	.3052	.3635	.3691	77.25	23.58	.3762	581.7	.4939-02
22	.75000	.60000	911.00	.2846	.3387	.3439	77.47	22.05	.3745	579.0	.4603-02
22	.75000	.80000	912.00	.1641	.1953	.1983	77.71	12.76	.3726	576.1	.2654-02
22	.75000	.90000	913.00	.1214	.1447	.1469	77.13	9.367	.3771	583.1	.1966-02
22	.75000	.95000	914.00	.9512-01	.1134	.1151	76.98	7.323	.3783	584.9	.1540-02
22	.80000	.00000	915.00	.4131	.4932	.5010	76.23	31.49	.3841	593.9	.6698-02
22	.80000	.20000	916.00	.3369	.4021	.4084	76.32	25.71	.3834	592.8	.5461-02
22	.80000	.40000	917.00	.2681	.3195	.3245	76.98	20.64	.3783	584.9	.4341-02
22	.80000	.90000	918.00	.1330	.1584	.1608	77.16	10.26	.3769	582.7	.2152-02
22	.85000	.00000	919.00	.4146	.4948	.5026	76.34	31.65	.3833	592.6	.6720-02
22	.85000	.20000	920.00	.3479	.4152	.4217	76.38	26.57	.3829	592.1	.5639-02
22	.90000	.00000	922.00	.2303	.2745	.2788	76.82	17.69	.3796	586.9	.3729-02
22	.90000	.10000+00	923.00	.1808	.2157	.2191	76.45	13.82	.3824	591.2	.2930-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D04)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
22	.90000	.20000	924.00	.2599	.3102	.3151	76.39	19.86	.3828	591.9	.4213-02
22	.90000	.30000	925.00	.3384	.4038	.4101	76.40	25.85	.3828	591.9	.5484-02
22	.90000	.50000	926.00	.3095	.3689	.3746	76.93	23.81	.3786	585.5	.5011-02
22	.90000	.80000	927.00	.1640	.1953	.1984	77.19	12.66	.3767	582.4	.2654-02
22	.90000	.90000	928.00	.1232	.1469	.1492	76.87	9.473	.3791	586.2	.1995-02
22	.95000	.00000	929.00	.1278	.1524	.1548	76.68	9.801	.3806	588.5	.2070-02
22	.95000	.50000-01	930.00	.1639	.1956	.1987	76.47	12.54	.3823	591.1	.2657-02
22	.95000	.10000+00	931.00	.1483	.1770	.1797	76.38	11.33	.3830	592.1	.2403-02
22	.95000	.20000	932.00	.1621	.1935	.1965	76.34	12.38	.3833	592.6	.2628-02
22	.95000	.30000	933.00	.2365	.2822	.2867	76.47	18.09	.3822	591.0	.3833-02
22	.95000	.50000	934.00	.2550	.3038	.3085	77.12	19.66	.3772	583.3	.4127-02
22	.95000	.70000	935.00	.1848	.2202	.2236	77.18	14.27	.3767	582.4	.2991-02
22	.95000	.80000	936.00	.1559	.1858	.1887	76.85	11.98	.3793	586.5	.2524-02
22	.95000	.90000	937.00	.1098	.1310	.1330	76.61	8.414	.3812	589.3	.1779-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D05)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
12	7.320	6.817	1650.	1522.	375.2	.7577	.1750-01
13	7.320	7.260	1654.	1468.	361.1	.7768	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
12	.30000	.00000	845.00	.3117-01	.3694-01	.3681-01	80.23	2.501	.3598	562.6	.5063-03
12	.30000	.50000-01	846.00	.1085	.1286	.1281	79.96	8.673	.3619	565.9	.1762-02
12	.30000	.10000+00	847.00	.1033	.1223	.1219	80.63	8.329	.3568	557.9	.1677-02
12	.30000	.20000	848.00	.9759-01	.1155	.1151	80.67	7.873	.3565	557.4	.1584-02
12	.30000	.40000	850.00	.1162	.1375	.1370	80.94	9.403	.3544	554.2	.1884-02
12	.30000	.50000	851.00	.1546	.1829	.1822	81.10	12.54	.3532	552.3	.2507-02
12	.30000	.60000	852.00	.2229	.2637	.2627	81.17	18.10	.3526	551.4	.3615-02
12	.30000	.70000	853.00	.2489	.2944	.2933	81.15	20.20	.3528	551.6	.4036-02
12	.30000	.80000	854.00	.2319	.2744	.2734	80.90	18.76	.3548	554.7	.3762-02
12	.30000	.95000	856.00	.9268-01	.1098	.1094	80.57	7.467	.3573	558.7	.1504-02
13	.35000	.00000	857.00	.8926-01	.1063	.1059	75.08	6.702	.3770	567.4	.1420-02
12	.40000	.00000	858.00	.1843	.2187	.2179	79.72	14.69	.3638	568.8	.2996-02
12	.40000	.50000-01	859.00	.3485	.4137	.4121	79.53	27.72	.3652	571.0	.5667-02
12	.40000	.10000+00	860.00	.2364	.2805	.2795	79.61	18.82	.3646	570.1	.3843-02
12	.40000	.20000	861.00	.1482	.1757	.1750	80.17	11.88	.3603	563.4	.2407-02
12	.40000	.30000	862.00	.1472	.1742	.1736	80.68	11.87	.3564	557.3	.2388-02
12	.40000	.40000	863.00	.1456	.1723	.1717	80.87	11.77	.3550	555.1	.2362-02
12	.40000	.50000	864.00	.2233	.2642	.2632	81.14	18.12	.3529	551.7	.3622-02
12	.40000	.60000	865.00	.2485	.2942	.2931	80.76	20.07	.3558	556.3	.4033-02
12	.40000	.70000	866.00	.2216	.2624	.2614	80.75	17.90	.3559	556.4	.3596-02
12	.40000	.80000	867.00	.1644	.1947	.1940	80.67	13.26	.3565	557.5	.2668-02
12	.40000	.90000	868.00	.1243	.1473	.1468	80.14	9.961	.3606	563.8	.2019-02
12	.40000	.95000	869.00	.1071	.1270	.1265	79.88	8.552	.3626	566.9	.1740-02
12	.50000	.00000	871.00	.5963	.7074	.7048	79.78	47.58	.3633	568.0	.9692-02
12	.50000	.50000-01	872.00	.3773	.4479	.4462	79.56	30.02	.3650	570.8	.6135-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D05)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
12	.50000	.20000	874.00	.3608	.4280	.4264	79.88	28.83	.3625	566.8	.5864-02
12	.50000	.30000	875.00	.3670	.4349	.4333	80.19	29.43	.3602	563.1	.5960-02
12	.50000	.40000	876.00	.3557	.4212	.4196	80.70	28.71	.3563	557.1	.5773-02
12	.50000	.50000	877.00	.3200	.3786	.3773	80.91	25.89	.3546	554.5	.5191-02
12	.50000	.60000	878.00	.1399	.1658	.1652	80.14	11.21	.3605	563.7	.2272-02
13	.60000	.00000	880.00	.4773	.5694	.5672	74.47	35.55	.3818	574.7	.7601-02
13	.60000	.25000-01	881.00	.5365	.6404	.6379	74.29	39.86	.3833	576.9	.8548-02
13	.60000	.50000-01	882.00	.4104	.4898	.4879	74.25	30.47	.3836	577.3	.6538-02
13	.60000	.75000-01	883.00	.4023	.4801	.4783	74.29	29.88	.3833	576.9	.6409-02
13	.60000	.10000+00	884.00	.4746	.5663	.5641	74.36	35.29	.3828	576.0	.7560-02
13	.60000	.20000	885.00	.4128	.4923	.4905	74.58	30.79	.3810	573.4	.6573-02
13	.60000	.30000	886.00	.4169	.4968	.4949	74.85	31.20	.3788	570.2	.6634-02
13	.60000	.40000	887.00	.3849	.4584	.4566	75.21	28.95	.3760	565.9	.6121-02
13	.60000	.50000	888.00	.3648	.4343	.4327	75.37	27.50	.3747	563.9	.5800-02
13	.60000	.60000	889.00	.3300	.3927	.3912	75.43	24.89	.3742	563.2	.5245-02
13	.60000	.70000	890.00	.2977	.3542	.3528	75.61	22.51	.3728	561.1	.4731-02
13	.60000	.80000	891.00	.1963	.2334	.2325	75.72	14.86	.3719	559.7	.3118-02
13	.60000	.85000	892.00	.1836	.2186	.2177	75.37	13.84	.3747	563.9	.2919-02
13	.60000	.90000	893.00	.1464	.1744	.1737	74.97	10.97	.3779	568.8	.2329-02
13	.60000	.95000	894.00	.1145	.1365	.1360	74.74	8.557	.3797	571.5	.1822-02
13	.65000	.00000	895.00	.3576	.4263	.4247	74.79	26.75	.3793	570.9	.5692-02
13	.70000	.00000	896.00	.2625	.3128	.3116	74.92	19.67	.3783	569.3	.4177-02
13	.70000	.25000-01	897.00	.3873	.4620	.4602	74.59	28.89	.3809	573.2	.6167-02
13	.70000	.10000+00	898.00	.5027	.5997	.5974	74.47	37.44	.3819	574.8	.8006-02
13	.70000	.20000	899.00	.5078	.6057	.6034	74.56	37.86	.3812	573.7	.8086-02
13	.70000	.30000	900.00	.4330	.5162	.5142	74.74	32.36	.3797	571.4	.6892-02
13	.70000	.40000	901.00	.3997	.4761	.4743	75.12	30.03	.3767	566.9	.6358-02
13	.70000	.60000	902.00	.3635	.4326	.4310	75.42	27.42	.3743	563.2	.5778-02
13	.70000	.90000	903.00	.1543	.1839	.1832	75.05	11.58	.3772	567.8	.2455-02
13	.75000	.25000-01	905.00	.5376	.6414	.6389	74.45	40.02	.3820	575.0	.8562-02
13	.75000	.50000-01	906.00	.5444	.6496	.6471	74.34	40.47	.3829	576.2	.8672-02
13	.75000	.10000+00	907.00	.5326	.6356	.6332	74.29	39.56	.3833	576.9	.8485-02
13	.75000	.20000	908.00	.4527	.5401	.5380	74.45	33.70	.3820	575.0	.7210-02
13	.75000	.30000	909.00	.4166	.4968	.4949	74.67	31.11	.3803	572.3	.6633-02
13	.75000	.40000	910.00	.3987	.4750	.4731	75.08	29.93	.3770	567.4	.6342-02
13	.75000	.60000	911.00	.3599	.4284	.4268	75.28	27.09	.3754	565.0	.5722-02
13	.75000	.80000	912.00	.2081	.2477	.2467	75.35	15.68	.3748	564.1	.3308-02
13	.75000	.90000	913.00	.1616	.1927	.1919	74.78	12.09	.3794	571.0	.2572-02
13	.75000	.95000	914.00	.1286	.1534	.1528	74.63	9.601	.3806	572.8	.2048-02
13	.80000	.00000	915.00	.4594	.5483	.5462	74.27	34.12	.3835	577.1	.7319-02
13	.80000	.20000	916.00	.4092	.4884	.4865	74.27	30.39	.3834	577.1	.6519-02
13	.80000	.40000	917.00	.3856	.4597	.4579	74.81	28.85	.3792	570.6	.6137-02
13	.80000	.90000	918.00	.1747	.2082	.2074	74.82	13.07	.3790	570.5	.2780-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D05)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
13	.85000	.00000	919.00	.4951	.5908	.5886	74.35	36.81	.3828	576.2	.7887-02
13	.85000	.20000	920.00	.4175	.4983	.4964	74.32	31.03	.3831	576.6	.6651-02
13	.90000	.00000	922.00	.2497	.2976	.2965	74.75	18.66	.3796	571.3	.3974-02
13	.90000	.10000+00	923.00	.3821	.4559	.4541	74.40	28.42	.3824	575.6	.6085-02
13	.90000	.20000	924.00	.4392	.5242	.5222	74.29	32.63	.3833	576.9	.6998-02
13	.90000	.30000	925.00	.4138	.4939	.4920	74.28	30.74	.3834	577.0	.6593-02
13	.90000	.50000	926.00	.3596	.4288	.4271	74.75	26.88	.3797	571.4	.5724-02
13	.90000	.80000	927.00	.2091	.2492	.2483	74.90	15.66	.3785	569.6	.3328-02
13	.90000	.90000	928.00	.1689	.2014	.2006	74.60	12.60	.3808	573.2	.2689-02
13	.95000	.00000	929.00	.1364	.1627	.1621	74.58	10.17	.3810	573.4	.2172-02
13	.95000	.50000-01	930.00	.2358	.2814	.2803	74.38	17.54	.3826	575.8	.3756-02
13	.95000	.10000+00	931.00	.2889	.3448	.3435	74.29	21.46	.3833	576.9	.4603-02
13	.95000	.20000	932.00	.3608	.4306	.4290	74.23	26.78	.3837	577.5	.5748-02
13	.95000	.30000	933.00	.3786	.4518	.4501	74.36	28.15	.3828	576.1	.6031-02
13	.95000	.50000	934.00	.2872	.3422	.3409	74.94	21.52	.3781	569.0	.4570-02
13	.95000	.70000	935.00	.2136	.2546	.2536	74.92	16.00	.3782	569.3	.3399-02
13	.95000	.80000	936.00	.1888	.2252	.2243	74.59	14.08	.3809	573.2	.3006-02
13	.95000	.90000	937.00	.1381	.1648	.1642	74.36	10.27	.3828	576.0	.2200-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE

(RE2D06)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 5.000 BDFLAP = 5.000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
30	7.320	.8998	234.8	1590.	393.2	.1048	.1750-01
36	7.320	1.013	234.9	1484.	365.1	.1096	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
30	.30000	.00000	845.00	.3117-01	.3677-01	.3730-01	32.60	1.016	.3434	562.8	.1377-02
30	.30000	.50000-01	846.00	.9420-01	.1111	.1128	32.59	3.070	.3437	563.2	.4162-02
30	.30000	.10000+00	847.00	.8312-01	.9803-01	.9945-01	32.65	2.714	.3424	561.1	.3672-02
30	.30000	.20000	848.00	.6828-01	.8051-01	.8168-01	32.68	2.232	.3418	560.2	.3016-02
30	.30000	.40000	850.00	.4409-01	.5198-01	.5273-01	32.74	1.443	.3408	558.5	.1947-02
30	.30000	.50000	851.00	.3448-01	.4064-01	.4123-01	32.77	1.130	.3401	557.4	.1522-02
30	.30000	.60000	852.00	.3220-01	.3795-01	.3850-01	32.79	1.056	.3398	557.0	.1422-02
30	.30000	.70000	853.00	.2958-01	.3486-01	.3536-01	32.82	.9709	.3392	555.9	.1306-02
30	.30000	.80000	854.00	.2881-01	.3394-01	.3444-01	32.82	.9454	.3392	556.0	.1272-02
30	.30000	.95000	856.00	.2457-01	.2895-01	.2937-01	32.81	.8060	.3394	556.3	.1085-02
36	.35000	.00000	857.00	.8440-01	.1003	.1018	29.02	2.449	.3687	561.1	.3579-02
30	.40000	.00000	858.00	.1732	.2043	.2073	32.58	5.643	.3437	563.3	.7651-02
30	.40000	.50000-01	859.00	.2820	.3327	.3376	32.59	9.190	.3437	563.2	.1246-01
30	.40000	.10000+00	860.00	.1580	.1864	.1891	32.61	5.152	.3433	562.6	.6980-02
30	.40000	.20000	861.00	.7854-01	.9261-01	.9395-01	32.69	2.567	.3417	560.0	.3469-02
30	.40000	.30000	862.00	.6131-01	.7227-01	.7332-01	32.75	2.008	.3405	558.1	.2707-02
30	.40000	.40000	863.00	.4755-01	.5604-01	.5685-01	32.80	1.560	.3396	556.6	.2099-02
30	.40000	.50000	864.00	.4365-01	.5143-01	.5217-01	32.85	1.434	.3386	554.9	.1927-02
30	.40000	.60000	865.00	.4308-01	.5075-01	.5149-01	32.84	1.415	.3388	555.2	.1901-02
30	.40000	.70000	866.00	.3738-01	.4404-01	.4468-01	32.86	1.228	.3384	554.7	.1650-02
30	.40000	.80000	867.00	.3913-01	.4610-01	.4676-01	32.85	1.286	.3385	554.8	.1727-02
30	.40000	.90000	868.00	.3174-01	.3741-01	.3795-01	32.79	1.041	.3397	556.7	.1401-02
30	.40000	.95000	869.00	.2633-01	.3103-01	.3148-01	32.74	.8619	.3407	558.4	.1163-02
30	.50000	.00000	871.00	.4961	.5852	.5937	32.63	16.19	.3428	561.9	.2192-01
30	.50000	.50000-01	872.00	.2491	.2938	.2981	32.63	8.130	.3428	561.7	.1101-01

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D06)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
30	.50000	.20000	874.00	.9504-01	.1121	.1137	32.70	3.107	.3416	559.8	.4197-02
30	.50000	.30000	875.00	.7960-01	.9383-01	.9519-01	32.75	2.607	.3405	558.1	.3515-02
30	.50000	.40000	876.00	.8001-01	.9428-01	.9564-01	32.81	2.625	.3394	556.2	.3532-02
30	.50000	.50000	877.00	.6242-01	.7353-01	.7459-01	32.87	2.051	.3383	554.4	.2755-02
30	.50000	.60000	878.00	.4467-01	.5264-01	.5340-01	32.80	1.465	.3395	556.4	.1972-02
36	.55000	.00000	879.00	.6990	.8306	.8433	29.01	20.28	.3690	561.5	.2965-01
36	.60000	.00000	880.00	.3703	.4399	.4467	29.03	10.75	.3685	560.8	.1570-01
36	.60000	.25000-01	881.00	.3793	.4506	.4575	29.02	11.01	.3687	561.1	.1608-01
36	.60000	.50000-01	882.00	.2403	.2855	.2898	29.02	6.973	.3686	561.0	.1019-01
36	.60000	.75000-01	883.00	.1880	.2234	.2268	29.03	5.459	.3685	560.8	.7975-02
36	.60000	.10000+00	884.00	.1228	.1459	.1481	29.04	3.566	.3682	560.3	.5207-02
36	.60000	.20000	885.00	.6151-01	.7307-01	.7418-01	29.07	1.788	.3677	559.6	.2608-02
36	.60000	.30000	886.00	.5521-01	.6557-01	.6657-01	29.10	1.607	.3670	558.4	.2341-02
36	.60000	.40000	887.00	.5248-01	.6231-01	.6326-01	29.14	1.529	.3662	557.3	.2224-02
36	.60000	.50000	888.00	.5256-01	.6240-01	.6335-01	29.15	1.532	.3659	556.8	.2228-02
36	.60000	.60000	889.00	.4869-01	.5779-01	.5867-01	29.18	1.421	.3653	556.0	.2063-02
36	.60000	.70000	890.00	.4604-01	.5464-01	.5547-01	29.21	1.345	.3647	555.0	.1951-02
36	.60000	.80000	891.00	.4655-01	.5523-01	.5606-01	29.25	1.362	.3638	553.6	.1972-02
36	.60000	.85000	892.00	.4971-01	.5899-01	.5988-01	29.24	1.453	.3641	554.2	.2106-02
36	.60000	.90000	893.00	.4000-01	.4747-01	.4819-01	29.21	1.168	.3647	555.0	.1695-02
36	.60000	.95000	894.00	.3141-01	.3729-01	.3785-01	29.18	.9166	.3653	555.9	.1331-02
36	.65000	.00000	895.00	.3383	.4018	.4080	29.06	9.830	.3679	559.8	.1434-01
36	.70000	.00000	896.00	.1706	.2026	.2057	29.08	4.961	.3674	559.1	.7231-02
36	.70000	.25000-01	897.00	.1863	.2214	.2247	29.06	5.416	.3678	559.7	.7901-02
36	.70000	.10000+00	898.00	.1265	.1503	.1525	29.06	3.676	.3678	559.7	.5363-02
36	.70000	.20000	899.00	.9231-01	.1096	.1113	29.08	2.684	.3674	559.1	.3914-02
36	.70000	.30000	900.00	.7097-01	.8429-01	.8557-01	29.11	2.066	.3669	558.3	.3009-02
36	.70000	.40000	901.00	.8937-01	.1061	.1077	29.16	2.606	.3658	556.7	.3788-02
36	.70000	.60000	902.00	.7804-01	.9262-01	.9402-01	29.20	2.279	.3649	555.2	.3307-02
36	.70000	.90000	903.00	.3279-01	.3891-01	.3950-01	29.22	.9582	.3645	554.6	.1389-02
36	.75000	.00000	904.00	.2101	.2496	.2534	29.06	6.105	.3679	559.9	.8909-02
36	.75000	.25000-01	905.00	.3418	.4061	.4123	29.05	9.931	.3680	560.1	.1450-01
36	.75000	.50000-01	906.00	.2322	.2758	.2801	29.05	6.745	.3681	560.2	.9846-02
36	.75000	.10000+00	907.00	.1580	.1878	.1906	29.05	4.591	.3681	560.1	.6702-02
36	.75000	.20000	908.00	.8182-01	.9718-01	.9866-01	29.09	2.380	.3673	558.9	.3469-02
36	.75000	.30000	909.00	.6858-01	.8144-01	.8269-01	29.11	1.996	.3669	558.4	.2907-02
36	.75000	.40000	910.00	.6434-01	.7638-01	.7754-01	29.16	1.876	.3659	556.8	.2727-02
36	.75000	.80000	912.00	.7404-01	.8785-01	.8918-01	29.26	2.166	.3638	553.6	.3137-02
36	.75000	.90000	913.00	.5394-01	.6402-01	.6499-01	29.21	1.575	.3648	555.1	.2286-02
36	.75000	.95000	914.00	.4172-01	.4952-01	.5027-01	29.19	1.218	.3651	555.6	.1768-02
36	.80000	.00000	915.00	.3219	.3824	.3883	29.03	9.344	.3685	560.8	.1365-01
36	.80000	.20000	916.00	.1029	.1222	.1241	29.07	2.990	.3677	559.6	.4362-02
36	.80000	.40000	917.00	.6949-01	.8249-01	.8375-01	29.17	2.027	.3656	556.4	.2945-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D06)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
36	.80000	.90000	918.00	.4862-01	.5769-01	.5856-01	29.24	1.422	.3640	554.0	.2060-02
36	.85000	.00000	919.00	.3735	.4437	.4505	29.07	10.86	.3676	559.5	.1584-01
36	.85000	.20000	920.00	.1084	.1288	.1307	29.11	3.157	.3668	558.2	.4597-02
36	.90000	.00000	922.00	.2251	.2673	.2714	29.12	6.557	.3665	557.8	.9544-02
36	.90000	.10000+00	923.00	.1504	.1787	.1814	29.11	4.378	.3669	558.4	.6377-02
36	.90000	.20000	924.00	.1158	.1375	.1396	29.11	3.372	.3667	558.1	.4910-02
36	.90000	.30000	925.00	.9761-01	.1159	.1177	29.11	2.842	.3667	558.1	.4138-02
36	.90000	.50000	926.00	.7873-01	.9345-01	.9487-01	29.18	2.297	.3653	556.0	.3336-02
36	.90000	.80000	927.00	.6249-01	.7415-01	.7528-01	29.23	1.826	.3644	554.6	.2647-02
36	.90000	.90000	928.00	.5197-01	.6168-01	.6262-01	29.22	1.519	.3645	554.7	.2202-02
36	.95000	.00000	929.00	.1290	.1531	.1555	29.11	3.754	.3668	558.1	.5467-02
36	.95000	.50000-01	930.00	.1602	.1903	.1932	29.10	4.663	.3671	558.7	.6794-02
36	.95000	.10000+00	931.00	.1390	.1651	.1676	29.09	4.043	.3672	558.8	.5892-02
36	.95000	.20000	932.00	.1209	.1436	.1458	29.09	3.518	.3672	558.8	.5127-02
36	.95000	.30000	933.00	.1051	.1248	.1267	29.12	3.060	.3665	557.8	.4454-02
36	.95000	.50000	934.00	.7485-01	.8885-01	.9020-01	29.18	2.184	.3653	555.9	.3172-02
36	.95000	.70000	935.00	.6302-01	.7478-01	.7591-01	29.25	1.843	.3639	553.8	.2670-02
36	.95000	.80000	936.00	.6379-01	.7570-01	.7685-01	29.21	1.863	.3647	555.0	.2703-02
36	.95000	.90000	937.00	.4743-01	.5629-01	.5715-01	29.19	1.384	.3651	555.7	.2010-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D07)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 5.000 BDFLAP = 5.000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
31	7.320	3.715	878.6	1501.	369.7	.4070	.1750-01
37	7.320	3.482	871.5	1552.	383.1	.3951	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
31	.30000	.00000	845.00	.3021-01	.3578-01	.3631-01	57.92	1.750	.3572	550.4	.6659-03
31	.30000	.50000-01	846.00	.9051-01	.1072	.1088	57.80	5.231	.3585	552.4	.1996-02
31	.30000	.10000+00	847.00	.8086-01	.9573-01	.9715-01	58.02	4.691	.3562	548.8	.1782-02
31	.30000	.20000	848.00	.6689-01	.7918-01	.8037-01	58.02	3.881	.3561	548.7	.1474-02
31	.30000	.40000	850.00	.3636-01	.4303-01	.4368-01	58.12	2.113	.3551	547.2	.8011-03
31	.30000	.50000	851.00	.3499-01	.4140-01	.4202-01	58.17	2.035	.3545	546.3	.7708-03
31	.30000	.60000	852.00	.4351-01	.5149-01	.5226-01	58.15	2.530	.3547	546.6	.9586-03
31	.30000	.70000	853.00	.4768-01	.5641-01	.5725-01	58.23	2.777	.3539	545.3	.1050-02
31	.30000	.80000	854.00	.6275-01	.7425-01	.7536-01	58.18	3.651	.3544	546.1	.1382-02
31	.30000	.95000	856.00	.5542-01	.6557-01	.6655-01	58.22	3.227	.3540	545.4	.1221-02
37	.35000	.00000	857.00	.7983-01	.9441-01	.9581-01	60.28	4.813	.3524	562.6	.1805-02
31	.40000	.00000	858.00	.1720	.2038	.2068	57.72	9.925	.3594	553.7	.3792-02
31	.40000	.50000-01	859.00	.2817	.3339	.3389	57.66	16.24	.3600	554.7	.6214-02
31	.40000	.10000+00	860.00	.1571	.1862	.1890	57.70	9.065	.3596	554.1	.3465-02
31	.40000	.20000	861.00	.7559-01	.8951-01	.9085-01	57.92	4.378	.3572	550.4	.1666-02
31	.40000	.30000	862.00	.5551-01	.6570-01	.6668-01	58.08	3.224	.3555	547.7	.1223-02
31	.40000	.40000	863.00	.4193-01	.4962-01	.5036-01	58.15	2.438	.3548	546.6	.9237-03
31	.40000	.50000	864.00	.3815-01	.4513-01	.4580-01	58.26	2.222	.3536	544.8	.8402-03
31	.40000	.60000	865.00	.4024-01	.4761-01	.4832-01	58.19	2.341	.3544	546.0	.8864-03
31	.40000	.70000	866.00	.3611-01	.4273-01	.4337-01	58.20	2.102	.3542	545.8	.7955-03
31	.40000	.80000	867.00	.4064-01	.4808-01	.4880-01	58.23	2.366	.3539	545.4	.8952-03
31	.40000	.90000	868.00	.3387-01	.4009-01	.4068-01	58.11	1.968	.3552	547.3	.7462-03
31	.40000	.95000	869.00	.3035-01	.3593-01	.3647-01	58.04	1.762	.3559	548.4	.6689-03
31	.50000	.00000	871.00	.4907	.5813	.5900	57.78	28.35	.3587	552.8	.1082-01
31	.50000	.50000-01	872.00	.2634	.3121	.3168	57.72	15.20	.3593	553.7	.5808-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE

(RE2D07)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
31	.50000	.20000	874.00	.1387	.1643	.1668	57.89	8.032	.3575	550.8	.3058-02
31	.50000	.30000	875.00	.1399	.1657	.1681	58.01	8.116	.3563	549.0	.3083-02
31	.50000	.40000	876.00	.1572	.1860	.1888	58.15	9.142	.3547	546.6	.3463-02
31	.50000	.50000	877.00	.1602	.1896	.1924	58.24	9.332	.3538	545.1	.3529-02
31	.50000	.60000	878.00	.1326	.1569	.1593	58.13	7.709	.3550	546.9	.2922-02
37	.55000	.00000	879.00	.6584	.7793	.7909	59.99	39.50	.3554	567.5	.1489-01
37	.60000	.00000	880.00	.3779	.4473	.4539	59.98	22.66	.3555	567.7	.8548-02
37	.60000	.25000-01	881.00	.3878	.4592	.4660	59.90	23.23	.3563	568.9	.8774-02
37	.60000	.50000-01	882.00	.2605	.3084	.3130	59.90	15.60	.3563	568.9	.5893-02
37	.60000	.75000-01	883.00	.2139	.2533	.2570	59.94	12.82	.3559	568.3	.4840-02
37	.60000	.10000+00	884.00	.1525	.1805	.1832	59.98	9.148	.3555	567.6	.3450-02
37	.60000	.20000	885.00	.1516	.1794	.1820	60.11	9.112	.3542	565.6	.3428-02
37	.60000	.30000	886.00	.2982	.3528	.3580	60.22	17.96	.3530	563.6	.6743-02
37	.60000	.40000	887.00	.2925	.3458	.3509	60.35	17.65	.3517	561.6	.6611-02
37	.60000	.50000	888.00	.2659	.3144	.3191	60.40	16.06	.3512	560.7	.6010-02
37	.60000	.60000	889.00	.2341	.2767	.2808	60.43	14.14	.3509	560.3	.5290-02
37	.60000	.70000	890.00	.2047	.2420	.2455	60.50	12.39	.3501	559.1	.4626-02
37	.60000	.80000	891.00	.2050	.2423	.2458	60.53	12.41	.3498	558.5	.4632-02
37	.60000	.85000	892.00	.1899	.2245	.2278	60.38	11.46	.3515	561.2	.4292-02
37	.60000	.90000	893.00	.1475	.1745	.1771	60.18	8.880	.3534	564.3	.3336-02
37	.60000	.95000	894.00	.1115	.1320	.1340	60.07	6.700	.3546	566.1	.2523-02
37	.65000	.00000	895.00	.2974	.3519	.3572	60.11	17.88	.3542	565.5	.6726-02
37	.70000	.00000	896.00	.1806	.2137	.2169	60.18	10.87	.3535	564.4	.4085-02
37	.70000	.25000-01	897.00	.2277	.2694	.2734	60.04	13.67	.3549	566.6	.5149-02
37	.70000	.10000+00	898.00	.2837	.3357	.3407	60.02	17.03	.3552	567.1	.6417-02
37	.70000	.20000	899.00	.3214	.3803	.3860	60.08	19.31	.3545	566.0	.7269-02
37	.70000	.30000	900.00	.3056	.3616	.3669	60.15	18.38	.3537	564.8	.6911-02
37	.70000	.40000	901.00	.2936	.3472	.3524	60.30	17.70	.3523	562.5	.6637-02
37	.70000	.60000	902.00	.2433	.2877	.2919	60.41	14.70	.3511	560.5	.5499-02
37	.70000	.90000	903.00	.1493	.1766	.1792	60.19	8.984	.3534	564.3	.3375-02
37	.75000	.00000	904.00	.2314	.2739	.2780	60.04	13.90	.3549	566.7	.5235-02
37	.75000	.25000-01	905.00	.3353	.3969	.4028	59.98	20.11	.3555	567.7	.7585-02
37	.75000	.50000-01	906.00	.2543	.3010	.3055	59.93	15.24	.3560	568.5	.5752-02
37	.75000	.10000+00	907.00	.2262	.2678	.2718	59.92	13.55	.3562	568.7	.5118-02
37	.75000	.20000	908.00	.2479	.2934	.2977	60.01	14.87	.3552	567.1	.5607-02
37	.75000	.30000	909.00	.2725	.3224	.3272	60.11	16.38	.3542	565.5	.6162-02
37	.75000	.40000	910.00	.2667	.3155	.3201	60.27	16.08	.3525	562.8	.6030-02
37	.75000	.80000	912.00	.2066	.2443	.2479	60.37	12.47	.3516	561.3	.4670-02
37	.75000	.90000	913.00	.1505	.1781	.1808	60.09	9.046	.3544	565.8	.3405-02
37	.75000	.95000	914.00	.1168	.1382	.1403	60.02	7.010	.3551	567.0	.2642-02
37	.80000	.00000	915.00	.3116	.3689	.3745	59.87	18.66	.3566	569.4	.7050-02
37	.80000	.20000	916.00	.1383	.1637	.1662	59.89	8.282	.3564	569.1	.3129-02
37	.80000	.40000	917.00	.2180	.2580	.2619	60.02	13.08	.3551	567.0	.4931-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D07)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
37	.80000	.90000	918.00	.1603	.1898	.1926	59.98	9.614	.3556	567.7	.3626-02
37	.85000	.00000	919.00	.3658	.4333	.4398	59.75	21.85	.3579	571.5	.8279-02
37	.85000	.20000	920.00	.1086	.1287	.1306	59.78	6.495	.3576	570.9	.2459-02
37	.90000	.00000	922.00	.2221	.2629	.2668	59.90	13.30	.3563	568.9	.5024-02
37	.90000	.10000+00	923.00	.1526	.1807	.1834	59.78	9.120	.3576	571.0	.3453-02
37	.90000	.20000	924.00	.1162	.1377	.1397	59.75	6.945	.3579	571.4	.2631-02
37	.90000	.30000	925.00	.9725-01	.1152	.1169	59.73	5.809	.3581	571.7	.2201-02
37	.90000	.50000	926.00	.8594-01	.1017	.1033	59.93	5.151	.3560	568.4	.1944-02
37	.90000	.80000	927.00	.1839	.2177	.2210	59.96	11.03	.3557	568.0	.4161-02
37	.90000	.90000	928.00	.1343	.1590	.1614	59.85	8.036	.3569	569.8	.3038-02
37	.95000	.00000	929.00	.1254	.1485	.1507	59.83	7.504	.3571	570.2	.2838-02
37	.95000	.50000-01	930.00	.1595	.1889	.1918	59.73	9.527	.3581	571.7	.3610-02
37	.95000	.10000+00	931.00	.1391	.1648	.1673	59.71	8.307	.3583	572.1	.3149-02
37	.95000	.20000	932.00	.1206	.1429	.1451	59.66	7.197	.3588	572.8	.2731-02
37	.95000	.30000	933.00	.1045	.1238	.1257	59.72	6.243	.3582	571.9	.2366-02
37	.95000	.50000	934.00	.7533-01	.8917-01	.9050-01	59.96	4.517	.3557	568.0	.1704-02
37	.95000	.70000	935.00	.7733-01	.9152-01	.9288-01	60.02	4.641	.3551	567.0	.1749-02
37	.95000	.80000	936.00	.9979-01	.1182	.1199	59.85	5.973	.3569	569.8	.2258-02
37	.95000	.90000	937.00	.9966-01	.1181	.1198	59.73	5.953	.3581	571.8	.2256-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D08)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = 5.000 BDFLAP = 5.000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
32	7.320	.9456	239.8	1564.	386.3	.1082	.1750-01
34	7.320	.9538	240.0	1557.	384.4	.1086	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
32	.30000	.00000	845.00	.3474-01	.4101-01	.4014-01	32.23	1.120	.3457	556.4	.1503-02
32	.30000	.50000-01	846.00	.1213	.1432	.1401	32.22	3.907	.3460	557.0	.5246-02
32	.30000	.10000+00	847.00	.1094	.1291	.1263	32.27	3.529	.3450	555.5	.4730-02
32	.30000	.20000	848.00	.9297-01	.1097	.1074	32.28	3.001	.3449	555.2	.4021-02
32	.30000	.40000	850.00	.5771-01	.6810-01	.6666-01	32.29	1.864	.3445	554.6	.2496-02
32	.30000	.50000	851.00	.4632-01	.5465-01	.5350-01	32.31	1.497	.3441	553.9	.2003-02
32	.30000	.60000	852.00	.4371-01	.5157-01	.5048-01	32.32	1.412	.3441	553.9	.1890-02
32	.30000	.70000	853.00	.4017-01	.4739-01	.4639-01	32.33	1.299	.3437	553.4	.1737-02
32	.30000	.80000	854.00	.3760-01	.4436-01	.4343-01	32.32	1.215	.3441	553.9	.1626-02
32	.30000	.95000	856.00	.3218-01	.3797-01	.3717-01	32.33	1.040	.3439	553.6	.1392-02
34	.35000	.00000	857.00	.8728-01	.1032	.1010	31.86	2.781	.3502	561.1	.3766-02
32	.40000	.00000	858.00	.1634	.1929	.1888	32.17	5.256	.3469	558.4	.7069-02
32	.40000	.50000-01	859.00	.3030	.3578	.3502	32.17	9.747	.3469	558.5	.1311-01
32	.40000	.10000+00	860.00	.1948	.2300	.2251	32.17	6.267	.3468	558.3	.8427-02
32	.40000	.20000	861.00	.1107	.1306	.1279	32.24	3.568	.3456	556.4	.4787-02
32	.40000	.30000	862.00	.8965-01	.1058	.1036	32.28	2.894	.3448	555.0	.3877-02
32	.40000	.40000	863.00	.7219-01	.8518-01	.8338-01	32.31	2.332	.3442	554.1	.3122-02
32	.40000	.50000	864.00	.7029-01	.8292-01	.8117-01	32.34	2.273	.3436	553.1	.3039-02
32	.40000	.60000	865.00	.7142-01	.8426-01	.8248-01	32.32	2.309	.3439	553.7	.3088-02
32	.40000	.70000	866.00	.6109-01	.7207-01	.7055-01	32.32	1.975	.3439	553.6	.2641-02
32	.40000	.80000	867.00	.5871-01	.6926-01	.6780-01	32.34	1.898	.3437	553.2	.2538-02
32	.40000	.90000	868.00	.4968-01	.5863-01	.5739-01	32.29	1.604	.3445	554.6	.2148-02
32	.40000	.95000	869.00	.4450-01	.5252-01	.5141-01	32.26	1.435	.3452	555.7	.1924-02
32	.50000	.00000	871.00	.5099	.6021	.5893	32.20	16.42	.3464	557.6	.2206-01
32	.50000	.50000-01	872.00	.3118	.3681	.3603	32.19	10.04	.3465	557.9	.1349-01

ARC 3.5-199 OH26 (01) WING LOWER SURFACE

(RE2D08)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
32	.50000	.20000	874.00	.1231	.1454	.1423	32.23	3.968	.3458	556.7	.5327-02
32	.50000	.30000	875.00	.1003	.1184	.1159	32.26	3.235	.3452	555.7	.4337-02
32	.50000	.40000	876.00	.8501-01	.1003	.9819-01	32.31	2.747	.3442	554.1	.3676-02
32	.50000	.50000	877.00	.6378-01	.7524-01	.7365-01	32.34	2.062	.3437	553.3	.2757-02
32	.50000	.60000	878.00	.4443-01	.5243-01	.5132-01	32.29	1.435	.3445	554.7	.1921-02
34	.55000	.00000	879.00	.6913	.8171	.7997	31.83	22.00	.3508	562.1	.2983-01
34	.60000	.00000	880.00	.5089	.6015	.5886	31.85	16.20	.3505	561.5	.2196-01
34	.60000	.25000-01	881.00	.4966	.5870	.5744	31.83	15.81	.3507	561.9	.2143-01
34	.60000	.50000-01	882.00	.3076	.3636	.3559	31.83	9.793	.3507	561.9	.1327-01
34	.60000	.75000-01	883.00	.2570	.3038	.2973	31.84	8.183	.3506	561.6	.1109-01
34	.60000	.10000+00	884.00	.1980	.2340	.2290	31.85	6.306	.3503	561.2	.8541-02
34	.60000	.20000	885.00	.1318	.1558	.1525	31.88	4.202	.3499	560.5	.5687-02
34	.60000	.30000	886.00	.1232	.1456	.1424	31.92	3.932	.3491	559.3	.5314-02
34	.60000	.40000	887.00	.1103	.1303	.1275	31.96	3.524	.3483	557.9	.4755-02
34	.60000	.50000	888.00	.1037	.1225	.1199	31.98	3.316	.3479	557.3	.4471-02
34	.60000	.60000	889.00	.8502-01	.1004	.9827-01	32.01	2.721	.3473	556.4	.3666-02
34	.60000	.70000	890.00	.7330-01	.8656-01	.8472-01	32.03	2.348	.3468	555.6	.3160-02
34	.60000	.80000	891.00	.6806-01	.8034-01	.7864-01	32.09	2.184	.3457	553.9	.2934-02
34	.60000	.85000	892.00	.7259-01	.8570-01	.8389-01	32.06	2.327	.3463	554.8	.3129-02
34	.60000	.90000	893.00	.6107-01	.7211-01	.7058-01	32.01	1.955	.3472	556.3	.2633-02
34	.65000	.00000	895.00	.3127	.3696	.3617	31.88	9.969	.3498	560.4	.1349-01
34	.70000	.00000	896.00	.1576	.1863	.1823	31.90	5.029	.3494	559.7	.6800-02
34	.70000	.25000-01	897.00	.2033	.2402	.2351	31.88	6.480	.3499	560.5	.8770-02
34	.70000	.10000+00	898.00	.1897	.2241	.2194	31.87	6.044	.3500	560.7	.8182-02
34	.70000	.20000	899.00	.1540	.1819	.1780	31.89	4.909	.3496	560.2	.6641-02
34	.70000	.30000	900.00	.1221	.1443	.1412	31.91	3.897	.3492	559.4	.5267-02
34	.70000	.40000	901.00	.1063	.1255	.1228	31.97	3.397	.3480	557.6	.4582-02
34	.70000	.60000	902.00	.9335-01	.1102	.1079	32.03	2.990	.3470	555.8	.4025-02
34	.70000	.90000	903.00	.6579-01	.7767-01	.7602-01	32.07	2.110	.3462	554.6	.2836-02
34	.75000	.25000-01	905.00	.2522	.2971	.2909	32.51	8.200	.3376	540.8	.1085-01
34	.75000	.50000-01	906.00	.2543	.3005	.2941	31.85	8.098	.3504	561.4	.1097-01
34	.75000	.10000+00	907.00	.2004	.2369	.2318	31.85	6.383	.3504	561.4	.8647-02
34	.75000	.20000	908.00	.1317	.1557	.1523	31.89	4.200	.3497	560.2	.5683-02
34	.75000	.30000	909.00	.1158	.1368	.1339	31.91	3.694	.3492	559.5	.4994-02
34	.75000	.40000	910.00	.1048	.1237	.1211	31.97	3.349	.3481	557.7	.4518-02
34	.75000	.80000	912.00	.7639-01	.9018-01	.8826-01	32.07	2.450	.3460	554.4	.3293-02
34	.75000	.90000	913.00	.6716-01	.7931-01	.7763-01	32.00	2.149	.3475	556.8	.2896-02
34	.75000	.95000	914.00	.5426-01	.6409-01	.6273-01	31.97	1.735	.3480	557.5	.2340-02
34	.80000	.00000	915.00	.2926	.3458	.3384	31.83	9.311	.3509	562.1	.1262-01
34	.80000	.20000	916.00	.1314	.1553	.1519	31.86	4.185	.3503	561.2	.5668-02
34	.80000	.40000	917.00	.1003	.1184	.1159	31.97	3.205	.3481	557.7	.4324-02
34	.80000	.90000	918.00	.7450-01	.8798-01	.8611-01	32.02	2.386	.3470	555.9	.3212-02
34	.85000	.00000	919.00	.3534	.4176	.4087	31.86	11.26	.3502	561.1	.1525-01

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D08)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
34	.85000	.20000	920.00	.1314	.1553	.1520	31.89	4.192	.3496	560.0	.5671-02
34	.90000	.00000	922.00	.2052	.2425	.2373	31.92	6.551	.3490	559.2	.8852-02
34	.90000	.10000+00	923.00	.1852	.2188	.2142	31.89	5.905	.3497	560.2	.7989-02
34	.90000	.20000	924.00	.1563	.1847	.1807	31.89	4.984	.3496	560.1	.6742-02
34	.90000	.30000	925.00	.1283	.1516	.1484	31.88	4.092	.3497	560.3	.5536-02
34	.90000	.50000	926.00	.2036	.2405	.2354	31.97	6.509	.3481	557.6	.8781-02
34	.90000	.80000	927.00	.1234	.1458	.1427	32.01	3.951	.3473	556.5	.5322-02
34	.90000	.90000	928.00	.8214-01	.9702-01	.9495-01	31.99	2.627	.3477	557.1	.3542-02
34	.95000	.00000	929.00	.1059	.1251	.1225	31.89	3.378	.3496	560.0	.4568-02
34	.95000	.50000-01	930.00	.1524	.1801	.1763	31.87	4.858	.3500	560.7	.6576-02
34	.95000	.10000+00	931.00	.1525	.1803	.1764	31.87	4.861	.3500	560.8	.6581-02
34	.95000	.20000	932.00	.1550	.1832	.1792	31.86	4.938	.3501	560.9	.6686-02
34	.95000	.30000	933.00	.1427	.1687	.1651	31.89	4.553	.3495	560.0	.6158-02
34	.95000	.50000	934.00	.1126	.1330	.1302	31.98	3.602	.3479	557.4	.4857-02
34	.95000	.70000	935.00	.2200	.2598	.2543	32.03	7.048	.3468	555.6	.9486-02
34	.95000	.80000	936.00	.1971	.2328	.2278	31.98	6.302	.3479	557.4	.8499-02
34	.95000	.90000	937.00	.1376	.1625	.1591	31.94	4.394	.3486	558.6	.5934-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D09)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = 5.000 BDFLAP = 5.000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
33	7.320	3.534	876.8	1544.	381.0	.3988	.1750-01
35	7.320	3.592	878.4	1531.	377.6	.4018	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
33	.30000	.00000	845.00	.3240-01	.3835-01	.3753-01	59.81	1.938	.3557	564.8	.7282-03
33	.30000	.50000-01	846.00	.1111	.1315	.1287	59.71	6.631	.3567	566.5	.2497-02
33	.30000	.10000+00	847.00	.1012	.1197	.1171	59.93	6.064	.3544	562.8	.2273-02
33	.30000	.20000	848.00	.8900-01	.1053	.1030	59.95	5.336	.3542	562.5	.2000-02
33	.30000	.40000	850.00	.5779-01	.6836-01	.6689-01	60.03	3.469	.3534	561.1	.1298-02
33	.30000	.50000	851.00	.6165-01	.7291-01	.7135-01	60.11	3.706	.3525	559.8	.1385-02
33	.30000	.60000	852.00	.8822-01	.1043	.1021	60.15	5.307	.3521	559.1	.1981-02
33	.30000	.70000	853.00	.1296	.1533	.1500	60.18	7.801	.3519	558.8	.2911-02
33	.30000	.80000	854.00	.1659	.1962	.1920	60.08	9.969	.3529	560.3	.3727-02
33	.30000	.95000	856.00	.1215	.1438	.1407	59.99	7.290	.3538	561.8	.2730-02
35	.35000	.00000	857.00	.8468-01	.1003	.9814-01	59.06	5.001	.3584	563.9	.1892-02
33	.40000	.00000	858.00	.1574	.1864	.1824	59.62	9.381	.3577	568.0	.3538-02
33	.40000	.50000-01	859.00	.2941	.3484	.3408	59.54	17.51	.3585	569.2	.6613-02
33	.40000	.10000+00	860.00	.1935	.2292	.2242	59.55	11.52	.3584	569.1	.4351-02
33	.40000	.20000	861.00	.1120	.1326	.1297	59.75	6.692	.3563	565.7	.2517-02
33	.40000	.30000	862.00	.9552-01	.1130	.1106	59.96	5.727	.3542	562.4	.2146-02
33	.40000	.40000	863.00	.8472-01	.1002	.9806-01	60.06	5.088	.3532	560.8	.1903-02
33	.40000	.50000	864.00	.1145	.1353	.1324	60.19	6.890	.3518	558.5	.2570-02
33	.40000	.60000	865.00	.1357	.1605	.1571	60.06	8.151	.3531	560.7	.3049-02
33	.40000	.70000	866.00	.1292	.1528	.1495	60.06	7.759	.3531	560.7	.2902-02
33	.40000	.80000	867.00	.1865	.2206	.2159	60.05	11.20	.3532	560.9	.4190-02
33	.40000	.90000	868.00	.1581	.1872	.1831	59.82	9.460	.3556	564.6	.3554-02
33	.40000	.95000	869.00	.1483	.1756	.1718	59.71	8.855	.3567	566.4	.3334-02
33	.50000	.00000	871.00	.4792	.5675	.5552	59.64	28.58	.3574	567.5	.1077-01
33	.50000	.50000-01	872.00	.3098	.3670	.3590	59.55	18.45	.3583	569.0	.6966-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE

(RE2D09)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
33	.50000	.20000	874.00	.1280	.1516	.1484	59.66	7.639	.3573	567.3	.2879-02
33	.50000	.30000	875.00	.1072	.1269	.1242	59.79	6.412	.3559	565.1	.2410-02
33	.50000	.40000	876.00	.9834-01	.1163	.1138	60.01	5.902	.3536	561.4	.2209-02
33	.50000	.50000	877.00	.9614-01	.1137	.1113	60.13	5.781	.3524	559.6	.2159-02
33	.50000	.60000	878.00	.1202	.1422	.1392	59.83	7.190	.3555	564.5	.2701-02
35	.55000	.00000	879.00	.6328	.7499	.7336	58.93	37.29	.3597	566.1	.1414-01
35	.60000	.00000	880.00	.5198	.6159	.6026	58.95	30.64	.3595	565.8	.1162-01
35	.60000	.25000-01	881.00	.5068	.6007	.5876	58.88	29.84	.3603	566.9	.1133-01
35	.60000	.50000-01	882.00	.3191	.3782	.3700	58.87	18.78	.3604	567.1	.7132-02
35	.60000	.75000-01	883.00	.2662	.3155	.3087	58.88	15.67	.3602	566.9	.5950-02
35	.60000	.10000+00	884.00	.2076	.2461	.2407	58.92	12.23	.3599	566.3	.4640-02
35	.60000	.20000	885.00	.1497	.1774	.1735	59.00	8.833	.3590	565.0	.3345-02
35	.60000	.30000	886.00	.1883	.2230	.2182	59.10	11.13	.3580	563.4	.4206-02
35	.60000	.40000	887.00	.3483	.4124	.4035	59.22	20.62	.3567	561.3	.7778-02
35	.60000	.50000	888.00	.2848	.3372	.3299	59.28	16.88	.3561	560.3	.6360-02
35	.60000	.60000	889.00	.2328	.2756	.2696	59.31	13.81	.3558	559.8	.5198-02
35	.60000	.70000	890.00	.2054	.2431	.2379	59.40	12.20	.3548	558.4	.4586-02
35	.60000	.80000	891.00	.2132	.2522	.2467	59.52	12.69	.3535	556.3	.4757-02
35	.60000	.85000	892.00	.2066	.2445	.2392	59.39	12.27	.3549	558.5	.4612-02
35	.60000	.90000	893.00	.1755	.2078	.2033	59.24	10.40	.3565	561.0	.3919-02
35	.60000	.95000	894.00	.1484	.1758	.1720	59.15	8.780	.3575	562.5	.3316-02
35	.65000	.00000	895.00	.2895	.3429	.3355	59.06	17.10	.3584	563.9	.6468-02
35	.70000	.00000	896.00	.1544	.1829	.1789	59.13	9.129	.3577	562.8	.3449-02
35	.70000	.25000-01	897.00	.2027	.2401	.2349	59.02	11.96	.3588	564.6	.4529-02
35	.70000	.10000+00	898.00	.1921	.2277	.2227	58.98	11.33	.3592	565.3	.4293-02
35	.70000	.20000	899.00	.1622	.1921	.1880	59.02	9.570	.3588	564.6	.3623-02
35	.70000	.30000	900.00	.1347	.1596	.1561	59.08	7.959	.3592	563.6	.3009-02
35	.70000	.40000	901.00	.1935	.2291	.2242	59.23	11.46	.3566	561.2	.4322-02
35	.70000	.60000	902.00	.3299	.3905	.3821	59.34	19.58	.3554	559.3	.7366-02
35	.70000	.90000	903.00	.2437	.2885	.2822	59.27	14.44	.3562	560.4	.5441-02
35	.75000	.00000	904.00	.1955	.2316	.2266	59.02	11.54	.3588	564.6	.4369-02
35	.75000	.25000-01	905.00	.3658	.4334	.4240	58.97	21.57	.3593	565.3	.8174-02
35	.75000	.50000-01	906.00	.3419	.4052	.3964	58.93	20.15	.3597	566.0	.7641-02
35	.75000	.10000+00	907.00	.2776	.3290	.3219	58.91	16.36	.3599	566.3	.6205-02
35	.75000	.20000	908.00	.1526	.1808	.1769	58.99	9.004	.3591	565.1	.3410-02
35	.75000	.30000	909.00	.1224	.1450	.1419	59.06	7.231	.3584	563.9	.2735-02
35	.75000	.40000	910.00	.1238	.1466	.1434	59.22	7.332	.3567	561.4	.2765-02
35	.75000	.80000	912.00	.3199	.3785	.3704	59.42	19.01	.3546	558.0	.7141-02
35	.75000	.90000	913.00	.2558	.3030	.2964	59.18	15.14	.3572	562.0	.5714-02
35	.75000	.95000	914.00	.2081	.2465	.2411	59.11	12.30	.3578	563.0	.4648-02
35	.80000	.00000	915.00	.3483	.4128	.4038	58.90	20.52	.3600	566.5	.7784-02
35	.80000	.20000	916.00	.4121	.4884	.4778	58.91	24.28	.3599	566.4	.9210-02
35	.80000	.40000	917.00	.1334	.1580	.1545	59.16	7.891	.3573	562.3	.2979-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D09)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
35	.80000	.90000	918.00	.2736	.3240	.3170	59.23	16.21	.3566	561.2	.6110-02
35	.85000	.00000	919.00	.3731	.4422	.4326	58.97	22.00	.3594	565.5	.8338-02
35	.85000	.20000	920.00	.4293	.5087	.4977	58.97	25.32	.3593	565.3	.9594-02
35	.90000	.00000	922.00	.2004	.2374	.2322	59.13	11.85	.3577	562.8	.4476-02
35	.90000	.10000+00	923.00	.3193	.3783	.3701	59.00	18.84	.3590	564.9	.7135-02
35	.90000	.20000	924.00	.4023	.4767	.4663	58.97	23.72	.3593	565.4	.8989-02
35	.90000	.30000	925.00	.3946	.4677	.4575	58.95	23.26	.3595	565.7	.8819-02
35	.90000	.50000	926.00	.4019	.4759	.4656	59.15	23.77	.3574	562.4	.8976-02
35	.90000	.80000	927.00	.3676	.4353	.4259	59.22	21.77	.3567	561.2	.8210-02
35	.90000	.90000	928.00	.2801	.3317	.3245	59.14	16.57	.3575	562.6	.6256-02
35	.95000	.00000	929.00	.1049	.1243	.1216	59.06	6.196	.3584	564.0	.2344-02
35	.95000	.50000-01	930.00	.1834	.2173	.2126	58.98	10.82	.3592	565.3	.4098-02
35	.95000	.10000+00	931.00	.2425	.2873	.2811	58.97	14.30	.3593	565.4	.5419-02
35	.95000	.20000	932.00	.3272	.3877	.3793	58.92	19.28	.3599	566.3	.7312-02
35	.95000	.30000	933.00	.3510	.4159	.4068	58.98	20.70	.3592	565.3	.7842-02
35	.95000	.50000	934.00	.2710	.3208	.3139	59.21	16.04	.3568	561.5	.6051-02
35	.95000	.70000	935.00	.3222	.3814	.3732	59.32	19.12	.3557	559.7	.7195-02
35	.95000	.80000	936.00	.2977	.3526	.3450	59.14	17.61	.3575	562.6	.6651-02
35	.95000	.90000	937.00	.2255	.2671	.2614	59.02	13.31	.3588	564.6	.5038-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE

(RE2D10)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 10.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
14	7.320	1.012	243.7	1517.	373.9	.1121	.1750-01
16	7.320	1.227	240.5	1342.	328.4	.1194	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
16	.30000	.00000	845.00	.3108-01	.3746-01	.3808-01	24.43	.7592	.4124	564.5	.1234-02
16	.30000	.50000-01	846.00	.9612-01	.1159	.1178	24.40	2.346	.4129	565.2	.3817-02
16	.30000	.10000+00	847.00	.8446-01	.1018	.1035	24.45	2.065	.4119	563.8	.3353-02
16	.30000	.20000	848.00	.7153-01	.8618-01	.8761-01	24.46	1.750	.4117	563.4	.2840-02
16	.30000	.40000	850.00	.4127-01	.4971-01	.5053-01	24.48	1.010	.4111	562.7	.1638-02
16	.30000	.50000	851.00	.3406-01	.4101-01	.4169-01	24.52	.8350	.4103	561.5	.1352-02
16	.30000	.60000	852.00	.3033-01	.3652-01	.3712-01	24.53	.7441	.4099	561.0	.1203-02
16	.30000	.70000	853.00	.2741-01	.3300-01	.3355-01	24.55	.6730	.4095	560.5	.1088-02
16	.30000	.80000	854.00	.2583-01	.3109-01	.3161-01	24.54	.6338	.4098	560.8	.1025-02
16	.30000	.95000	856.00	.3982-01	.4796-01	.4876-01	24.49	.9753	.4109	562.4	.1581-02
14	.35000	.00000	857.00	.8463-01	.1004	.1019	30.63	2.592	.3618	563.7	.3571-02
16	.40000	.00000	858.00	.1764	.2127	.2163	24.35	4.295	.4142	566.9	.7008-02
16	.40000	.50000-01	859.00	.2837	.3421	.3478	24.36	6.912	.4139	566.5	.1127-01
16	.40000	.10000+00	860.00	.1573	.1896	.1928	24.37	3.833	.4137	566.3	.6248-02
16	.40000	.20000	861.00	.7692-01	.9270-01	.9424-01	24.43	1.879	.4123	564.4	.3055-02
16	.40000	.30000	862.00	.5981-01	.7204-01	.7324-01	24.48	1.464	.4111	562.6	.2374-02
16	.40000	.40000	863.00	.4659-01	.5609-01	.5703-01	24.53	1.143	.4101	561.3	.1849-02
16	.40000	.50000	864.00	.4080-01	.4911-01	.4992-01	24.57	1.002	.4091	560.0	.1618-02
16	.40000	.60000	865.00	.4044-01	.4869-01	.4949-01	24.56	.9933	.4093	560.2	.1605-02
16	.40000	.70000	866.00	.2926-01	.3522-01	.3580-01	24.56	.7186	.4093	560.2	.1161-02
16	.40000	.80000	867.00	.4873-01	.5894-01	.5994-01	24.00	1.169	.4224	578.2	.1941-02
16	.40000	.90000	868.00	.4243-01	.5110-01	.5195-01	24.50	1.039	.4107	562.1	.1684-02
16	.40000	.95000	869.00	.3701-01	.4459-01	.4533-01	24.45	.9050	.4118	563.6	.1469-02
16	.50000	.00000	871.00	.5161	.6221	.6325	24.38	12.58	.4134	565.8	.2050-01
16	.50000	.50000-01	872.00	.2479	.2988	.3038	24.38	6.043	.4135	565.9	.9845-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D10)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
16	.50000	.20000	874.00	.9393-01	.1132	.1151	24.42	2.294	.4126	564.7	.3730-02
16	.50000	.30000	875.00	.7887-01	.9502-01	.9660-01	24.46	1.929	.4115	563.3	.3131-02
16	.50000	.40000	876.00	.8148-01	.9810-01	.9973-01	24.53	1.998	.4100	561.2	.3233-02
16	.50000	.50000	877.00	.6234-01	.7503-01	.7628-01	24.57	1.532	.4090	559.8	.2473-02
16	.50000	.60000	878.00	.7988-01	.9619-01	.9779-01	24.51	1.957	.4105	561.9	.3170-02
14	.55000	.00000	879.00	.6869	.8146	.8269	30.60	21.02	.3624	564.6	.2898-01
14	.60000	.00000	880.00	.3716	.4406	.4473	30.62	11.38	.3619	563.9	.1568-01
14	.60000	.25000-01	881.00	.3811	.4520	.4588	30.61	11.67	.3620	564.2	.1608-01
14	.60000	.50000-01	882.00	.2414	.2862	.2906	30.62	7.391	.3619	564.0	.1018-01
14	.60000	.75000-01	883.00	.1902	.2255	.2289	30.63	5.826	.3617	563.6	.8025-02
14	.60000	.10000+00	884.00	.1255	.1487	.1510	30.65	3.845	.3614	563.1	.5293-02
14	.60000	.20000	885.00	.6111-01	.7245-01	.7354-01	30.68	1.875	.3606	562.0	.2578-02
14	.60000	.30000	886.00	.5486-01	.6502-01	.6600-01	30.73	1.686	.3597	560.5	.2314-02
14	.60000	.40000	887.00	.5163-01	.6117-01	.6208-01	30.78	1.589	.3587	559.0	.2177-02
14	.60000	.50000	888.00	.5208-01	.6169-01	.6262-01	30.80	1.604	.3583	558.3	.2196-02
14	.60000	.60000	889.00	.4997-01	.5919-01	.6007-01	30.82	1.540	.3578	557.6	.2106-02
14	.60000	.70000	890.00	.4264-01	.5050-01	.5125-01	30.85	1.316	.3573	556.7	.1797-02
14	.60000	.80000	891.00	.5914-01	.7003-01	.7107-01	30.87	1.826	.3569	556.1	.2492-02
14	.60000	.85000	892.00	.7202-01	.8531-01	.8658-01	30.83	2.221	.3577	557.4	.3036-02
14	.60000	.90000	893.00	.6101-01	.7226-01	.7337-01	30.77	1.877	.3590	559.4	.2572-02
14	.60000	.95000	894.00	.4816-01	.5707-01	.5793-01	30.72	1.480	.3598	560.7	.2031-02
14	.65000	.00000	895.00	.3338	.3957	.4017	30.66	10.23	.3612	562.8	.1408-01
14	.70000	.00000	896.00	.1704	.2020	.2051	30.69	5.230	.3605	561.8	.7189-02
14	.70000	.25000-01	897.00	.1862	.2208	.2241	30.66	5.710	.3611	562.7	.7857-02
14	.70000	.10000+00	898.00	.1266	.1501	.1523	30.66	3.882	.3611	562.6	.5341-02
14	.70000	.20000	899.00	.9262-01	.1098	.1114	30.69	2.843	.3605	561.8	.3907-02
14	.70000	.30000	900.00	.7063-01	.8371-01	.8497-01	30.72	2.170	.3599	560.8	.2979-02
14	.70000	.40000	901.00	.8755-01	.1037	.1053	30.78	2.695	.3586	558.8	.3691-02
14	.70000	.60000	902.00	.7439-01	.8810-01	.8942-01	30.84	2.294	.3575	557.1	.3136-02
14	.70000	.90000	903.00	.5995-01	.7103-01	.7210-01	30.77	1.845	.3590	559.4	.2528-02
14	.75000	.00000	904.00	.2832	.3358	.3408	30.64	8.675	.3616	563.4	.1195-01
14	.75000	.25000-01	905.00	.3424	.4060	.4121	30.63	10.49	.3617	563.7	.1445-01
14	.75000	.50000-01	906.00	.2312	.2741	.2782	30.63	7.079	.3618	563.7	.9753-02
14	.75000	.10000+00	907.00	.1568	.1859	.1887	30.63	4.802	.3617	563.6	.6614-02
14	.75000	.20000	908.00	.8093-01	.9594-01	.9738-01	30.68	2.483	.3607	562.1	.3414-02
14	.75000	.30000	909.00	.6782-01	.8039-01	.8160-01	30.71	2.083	.3601	561.1	.2861-02
14	.75000	.40000	910.00	.6251-01	.7405-01	.7517-01	30.78	1.924	.3588	559.1	.2635-02
14	.75000	.80000	912.00	.1077	.1276	.1295	30.84	3.323	.3575	557.0	.4541-02
14	.75000	.90000	913.00	.7743-01	.9175-01	.9313-01	30.75	2.381	.3593	559.9	.3265-02
14	.75000	.95000	914.00	.5717-01	.6776-01	.6878-01	30.72	1.756	.3599	560.8	.2411-02
14	.80000	.00000	915.00	.3241	.3844	.3902	30.59	9.916	.3625	564.8	.1368-01
14	.80000	.20000	916.00	.1029	.1220	.1239	30.65	3.154	.3614	563.1	.4342-02
14	.80000	.40000	917.00	.6898-01	.8173-01	.8295-01	30.77	2.123	.3588	559.1	.2908-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE

(RE2D10)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
14	.80000	.90000	918.00	.8558-01	.1014	.1029	30.78	2.634	.3587	558.9	.3608-02
14	.85000	.00000	919.00	.3782	.4484	.4552	30.63	11.58	.3617	563.6	.1596-01
14	.85000	.20000	920.00	.1089	.1291	.1311	30.68	3.342	.3607	562.1	.4595-02
14	.90000	.00000	922.00	.2296	.2722	.2763	30.69	7.048	.3604	561.7	.9686-02
14	.90000	.10000+00	923.00	.1514	.1795	.1822	30.66	4.641	.3611	562.7	.6385-02
14	.90000	.20000	924.00	.1176	.1394	.1415	30.66	3.606	.3611	562.6	.4961-02
14	.90000	.30000	925.00	.9847-01	.1167	.1185	30.66	3.020	.3610	562.5	.4154-02
14	.90000	.50000	926.00	.8045-01	.9532-01	.9675-01	30.76	2.475	.3591	559.5	.3392-02
14	.90000	.80000	927.00	.8211-01	.9728-01	.9874-01	30.78	2.527	.3587	559.0	.3462-02
14	.90000	.90000	928.00	.8704-01	.1031	.1047	30.73	2.675	.3597	560.5	.3671-02
14	.95000	.00000	929.00	.1317	.1561	.1585	30.67	4.038	.3610	562.4	.5555-02
14	.95000	.50000-01	930.00	.1636	.1939	.1969	30.65	5.013	.3614	563.1	.6901-02
14	.95000	.10000+00	931.00	.1398	.1658	.1683	30.64	4.283	.3616	563.4	.5899-02
14	.95000	.20000	932.00	.1220	.1446	.1468	30.63	3.737	.3616	563.5	.5147-02
14	.95000	.30000	933.00	.1058	.1254	.1273	30.67	3.245	.3608	562.2	.4462-02
14	.95000	.50000	934.00	.7588-01	.8991-01	.9126-01	30.76	2.334	.3590	559.5	.3200-02
14	.95000	.70000	935.00	.7435-01	.8809-01	.8941-01	30.78	2.289	.3587	558.9	.3135-02
14	.95000	.80000	936.00	.8330-01	.9873-01	.1002	30.72	2.559	.3599	560.9	.3513-02
14	.95000	.90000	937.00	.6339-01	.7513-01	.7627-01	30.67	1.944	.3608	562.2	.2674-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D11)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 10.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
15	7.320	3.887	881.0	1464.	360.0	.4146	.1750-01
17	7.320	3.508	873.8	1547.	381.9	.3969	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
17	.30000	.00000	845.00	.2945-01	.3484-01	.3536-01	60.05	1.769	.3538	563.1	.6638-03
17	.30000	.50000-01	846.00	.8870-01	.1050	.1065	59.92	5.315	.3551	565.3	.2000-02
17	.30000	.10000+00	847.00	.7922-01	.9368-01	.9507-01	60.20	4.769	.3522	560.7	.1785-02
17	.30000	.20000	848.00	.6706-01	.7930-01	.8047-01	60.23	4.039	.3519	560.1	.1511-02
17	.30000	.40000	850.00	.3717-01	.4394-01	.4459-01	60.33	2.243	.3508	558.4	.8373-03
17	.30000	.50000	851.00	.3644-01	.4307-01	.4370-01	60.40	2.201	.3501	557.3	.8207-03
17	.30000	.60000	852.00	.4557-01	.5385-01	.5465-01	60.42	2.753	.3500	557.1	.1026-02
17	.30000	.70000	853.00	.5155-01	.6092-01	.6182-01	60.44	3.116	.3497	556.7	.1161-02
17	.30000	.80000	854.00	.6531-01	.7720-01	.7834-01	60.36	3.942	.3506	558.1	.1471-02
17	.30000	.95000	856.00	.9349-01	.1106	.1122	60.07	5.616	.3536	562.8	.2107-02
15	.35000	.00000	857.00	.8160-01	.9726-01	.9878-01	54.44	4.442	.3790	568.7	.1776-02
17	.40000	.00000	858.00	.1694	.2005	.2035	59.81	10.13	.3562	567.1	.3819-02
17	.40000	.50000-01	859.00	.2763	.3272	.3320	59.74	16.51	.3569	568.2	.6231-02
17	.40000	.10000+00	860.00	.1555	.1841	.1868	59.80	9.298	.3563	567.2	.3506-02
17	.40000	.20000	861.00	.7534-01	.8914-01	.9046-01	60.05	4.524	.3538	563.2	.1698-02
17	.40000	.30000	862.00	.5604-01	.6626-01	.6725-01	60.25	3.377	.3517	559.8	.1263-02
17	.40000	.40000	863.00	.4260-01	.5035-01	.5110-01	60.32	2.569	.3509	558.6	.9595-03
17	.40000	.50000	864.00	.4048-01	.4784-01	.4855-01	60.44	2.447	.3498	556.8	.9117-03
17	.40000	.60000	865.00	.4296-01	.5078-01	.5154-01	60.30	2.590	.3511	558.9	.9677-03
17	.40000	.70000	866.00	.3253-01	.3845-01	.3902-01	60.31	1.962	.3510	558.8	.7327-03
17	.40000	.80000	867.00	.8644-01	.1022	.1037	60.23	5.206	.3519	560.2	.1947-02
17	.40000	.90000	868.00	.7995-01	.9460-01	.9601-01	60.01	4.798	.3542	563.8	.1802-02
17	.40000	.95000	869.00	.8141-01	.9636-01	.9780-01	59.87	4.874	.3556	566.0	.1836-02
17	.50000	.00000	871.00	.4715	.5581	.5664	59.84	28.21	.3559	566.6	.1063-01
17	.50000	.50000-01	872.00	.2536	.3003	.3048	59.77	15.16	.3566	567.6	.5720-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D11)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
17	.50000	.20000	874.00	.1203	.1423	.1444	59.96	7.211	.3547	564.6	.2711-02
17	.50000	.30000	875.00	.1335	.1580	.1603	60.10	8.025	.3533	562.3	.3009-02
17	.50000	.40000	876.00	.1558	.1842	.1869	60.27	9.388	.3515	559.5	.3509-02
17	.50000	.50000	877.00	.1392	.1646	.1670	60.35	8.403	.3507	558.2	.3136-02
17	.50000	.60000	878.00	.2179	.2578	.2617	60.03	13.08	.3540	563.5	.4912-02
15	.55000	.00000	879.00	.6675	.7963	.8087	54.20	36.18	.3816	572.5	.1453-01
15	.60000	.00000	880.00	.3764	.4489	.4560	54.22	20.41	.3814	572.2	.8195-02
15	.60000	.25000-01	881.00	.3954	.4717	.4791	54.16	21.41	.3821	573.2	.8610-02
15	.60000	.50000-01	882.00	.2681	.3199	.3249	54.17	14.52	.3820	573.1	.5839-02
15	.60000	.75000-01	883.00	.2239	.2671	.2713	54.20	12.14	.3817	572.6	.4876-02
15	.60000	.10000+00	884.00	.1665	.1986	.2017	54.26	9.035	.3810	571.7	.3626-02
15	.60000	.20000	885.00	.2676	.3191	.3240	54.38	14.55	.3796	569.6	.5825-02
15	.60000	.30000	886.00	.3287	.3917	.3978	54.52	17.92	.3782	567.4	.7152-02
15	.60000	.40000	887.00	.2896	.3449	.3503	54.67	15.83	.3765	564.8	.6298-02
15	.60000	.50000	888.00	.2669	.3178	.3227	54.74	14.61	.3757	563.6	.5803-02
15	.60000	.60000	889.00	.2366	.2817	.2860	54.80	12.96	.3751	562.7	.5144-02
15	.60000	.70000	890.00	.2092	.2490	.2528	54.89	11.48	.3741	561.2	.4547-02
15	.60000	.80000	891.00	.3059	.3640	.3697	54.96	16.81	.3733	560.1	.6648-02
15	.60000	.85000	892.00	.2965	.3530	.3584	54.81	16.25	.3750	562.6	.6446-02
15	.60000	.90000	893.00	.2379	.2834	.2878	54.62	12.99	.3770	565.6	.5174-02
15	.60000	.95000	894.00	.1853	.2208	.2242	54.51	10.10	.3782	567.4	.4031-02
15	.65000	.00000	895.00	.3008	.3587	.3643	54.37	16.36	.3798	569.8	.6548-02
15	.70000	.00000	896.00	.1943	.2315	.2352	54.45	10.58	.3789	568.5	.4227-02
15	.70000	.25000-01	897.00	.2479	.2956	.3002	54.32	13.47	.3803	570.6	.5396-02
15	.70000	.10000+00	898.00	.3163	.3772	.3831	54.29	17.17	.3806	571.0	.6886-02
15	.70000	.20000	899.00	.3577	.4265	.4332	54.38	19.45	.3797	569.7	.7786-02
15	.70000	.30000	900.00	.3131	.3731	.3789	54.48	17.05	.3786	568.0	.6812-02
15	.70000	.40000	901.00	.2898	.3452	.3506	54.66	15.84	.3766	565.0	.6303-02
15	.70000	.60000	902.00	.2484	.2957	.3002	54.82	13.62	.3748	562.3	.5400-02
15	.70000	.90000	903.00	.2391	.2847	.2891	54.68	13.07	.3763	564.6	.5199-02
15	.75000	.25000-01	905.00	.3382	.4034	.4097	54.23	18.34	.3813	572.1	.7364-02
15	.75000	.50000-01	906.00	.2694	.3214	.3265	54.21	14.61	.3816	572.5	.5867-02
15	.75000	.10000+00	907.00	.2558	.3051	.3099	54.21	13.87	.3816	572.5	.5570-02
15	.75000	.20000	908.00	.2570	.3064	.3112	54.33	13.96	.3802	570.4	.5593-02
15	.75000	.30000	909.00	.2743	.3270	.3321	54.44	14.93	.3790	568.6	.5969-02
15	.75000	.40000	910.00	.2641	.3146	.3195	54.64	14.43	.3768	565.3	.5744-02
15	.75000	.60000	911.00	.2495	.2971	.3017	54.76	13.66	.3755	563.3	.5425-02
15	.75000	.80000	912.00	.3014	.3588	.3644	54.83	16.53	.3748	562.2	.6553-02
15	.75000	.90000	913.00	.2248	.2678	.2720	54.55	12.26	.3778	566.9	.4890-02
15	.75000	.95000	914.00	.1739	.2073	.2105	54.47	9.473	.3787	568.1	.3784-02
15	.80000	.00000	915.00	.3104	.3703	.3762	54.13	16.80	.3824	573.6	.6760-02
15	.80000	.20000	916.00	.1632	.1947	.1977	54.23	8.851	.3813	572.1	.3554-02
15	.80000	.40000	917.00	.2221	.2646	.2687	54.56	12.12	.3777	566.7	.4831-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D11)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
15	.80000	.90000	918.00	.2310	.2752	.2795	54.60	12.61	.3773	566.0	.5026-02
15	.85000	.00000	919.00	.3613	.4310	.4378	54.21	19.59	.3815	572.3	.7868-02
15	.85000	.20000	920.00	.1093	.1303	.1324	54.29	5.933	.3807	571.1	.2379-02
15	.90000	.00000	922.00	.2188	.2608	.2649	54.42	11.91	.3792	569.0	.4762-02
15	.90000	.10000+00	923.00	.1513	.1805	.1833	54.27	8.213	.3808	571.4	.3295-02
15	.90000	.20000	924.00	.1156	.1379	.1401	54.26	6.274	.3810	571.6	.2518-02
15	.90000	.30000	925.00	.9717-01	.1159	.1177	54.27	5.273	.3809	571.5	.2116-02
15	.90000	.50000	926.00	.9656-01	.1151	.1168	54.54	5.266	.3779	567.0	.2101-02
15	.90000	.80000	927.00	.2471	.2943	.2989	54.62	13.50	.3770	565.6	.5374-02
15	.90000	.90000	928.00	.1859	.2216	.2251	54.46	10.13	.3788	568.3	.4046-02
15	.95000	.00000	929.00	.1232	.1469	.1492	54.37	6.698	.3798	569.8	.2682-02
15	.95000	.50000-01	930.00	.1565	.1866	.1895	54.28	8.492	.3808	571.3	.3406-02
15	.95000	.10000+00	931.00	.1370	.1634	.1660	54.24	7.433	.3812	571.8	.2983-02
15	.95000	.20000	932.00	.1194	.1424	.1447	54.23	6.476	.3813	572.0	.2600-02
15	.95000	.30000	933.00	.1045	.1246	.1265	54.31	5.675	.3804	570.7	.2275-02
15	.95000	.50000	934.00	.7455-01	.8881-01	.9019-01	54.59	4.069	.3774	566.2	.1622-02
15	.95000	.70000	935.00	.1514	.1804	.1832	54.62	8.272	.3770	565.6	.3294-02
15	.95000	.80000	936.00	.2135	.2545	.2585	54.44	11.62	.3790	568.6	.4647-02
15	.95000	.90000	937.00	.1794	.2139	.2173	54.33	9.746	.3803	570.5	.3905-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D12)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 15.00 BDFLAP = 15.00
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
18	7.320	.9511	234.6	1539.	379.7	.1070	.1750-01
21	7.320	.9826	235.3	1512.	372.7	.1085	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
18	.30000	.00000	845.00	.3237-01	.3829-01	.3886-01	30.96	1.002	.3531	558.7	.1402-02
18	.30000	.50000-01	846.00	.9867-01	.1167	.1185	30.94	3.053	.3536	559.4	.4276-02
18	.30000	.10000+00	847.00	.8709-01	.1030	.1045	30.99	2.699	.3525	557.8	.3773-02
18	.30000	.20000	848.00	.7155-01	.8462-01	.8587-01	31.00	2.218	.3522	557.3	.3100-02
18	.30000	.40000	850.00	.4362-01	.5158-01	.5234-01	31.04	1.354	.3516	556.3	.1889-02
18	.30000	.50000	851.00	.3518-01	.4159-01	.4220-01	31.07	1.093	.3509	555.3	.1524-02
18	.30000	.60000	852.00	.3374-01	.3989-01	.4048-01	31.08	1.049	.3507	555.0	.1461-02
18	.30000	.70000	853.00	.2927-01	.3460-01	.3511-01	31.10	.9103	.3503	554.3	.1267-02
18	.30000	.80000	854.00	.1322-01	.1562-01	.1585-01	31.10	.4110	.3504	554.4	.5723-03
18	.30000	.95000	856.00	.6336-01	.7490-01	.7601-01	31.06	1.968	.3511	555.6	.2744-02
21	.35000	.00000	857.00	.8699-01	.1030	.1045	30.33	2.638	.3551	551.5	.3722-02
18	.40000	.00000	858.00	.1781	.2108	.2139	30.90	5.505	.3543	560.6	.7720-02
18	.40000	.50000-01	859.00	.2912	.3445	.3497	30.91	9.000	.3542	560.4	.1262-01
18	.40000	.10000+00	860.00	.1630	.1929	.1957	30.93	5.041	.3538	559.8	.7064-02
18	.40000	.20000	861.00	.8077-01	.9552-01	.9694-01	30.99	2.503	.3525	557.8	.3499-02
18	.40000	.30000	862.00	.6305-01	.7455-01	.7565-01	31.04	1.957	.3514	556.0	.2731-02
18	.40000	.40000	863.00	.4914-01	.5808-01	.5894-01	31.08	1.527	.3507	554.9	.2128-02
18	.40000	.50000	864.00	.4442-01	.5249-01	.5327-01	31.13	1.383	.3498	553.5	.1923-02
18	.40000	.60000	865.00	.2504-01	.2959-01	.3003-01	31.12	.7790	.3500	553.8	.1084-02
18	.40000	.70000	866.00	.1260-01	.1489-01	.1511-01	31.13	.3922	.3497	553.4	.5454-03
18	.40000	.80000	867.00	.1030	.1217	.1235	31.14	3.206	.3496	553.1	.4458-02
18	.40000	.90000	868.00	.8819-01	.1042	.1058	31.09	2.742	.3506	554.7	.3819-02
18	.40000	.95000	869.00	.7368-01	.8711-01	.8840-01	31.04	2.287	.3514	556.0	.3191-02
18	.50000	.00000	871.00	.5116	.6052	.6142	30.95	15.83	.3534	559.1	.2217-01
18	.50000	.50000-01	872.00	.2567	.3036	.3081	30.95	7.944	.3533	559.1	.1112-01

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D12)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
18	.50000	.20000	874.00	.9787-01	.1157	.1175	31.00	3.034	.3523	557.4	.4240-02
18	.50000	.30000	875.00	.8185-01	.9677-01	.9820-01	31.04	2.541	.3514	556.0	.3545-02
18	.50000	.40000	876.00	.8251-01	.9753-01	.9897-01	31.09	2.566	.3504	554.4	.3573-02
18	.50000	.50000	877.00	.6445-01	.7616-01	.7728-01	31.14	2.007	.3494	552.9	.2790-02
18	.50000	.60000	878.00	.1206	.1425	.1446	31.11	3.751	.3502	554.1	.5221-02
21	.55000	.00000	879.00	.7175	.8496	.8623	30.24	21.69	.3569	554.3	.3071-01
21	.60000	.00000	880.00	.3734	.4421	.4487	30.25	11.29	.3567	554.0	.1598-01
21	.60000	.25000-01	881.00	.3820	.4524	.4592	30.23	11.55	.3570	554.5	.1635-01
21	.60000	.50000-01	882.00	.2406	.2849	.2892	30.23	7.273	.3570	554.5	.1030-01
21	.60000	.75000-01	883.00	.1873	.2218	.2252	30.24	5.665	.3568	554.2	.8019-02
21	.60000	.10000+00	884.00	.1224	.1449	.1471	30.25	3.702	.3566	553.9	.5238-02
21	.60000	.20000	885.00	.6353-01	.7521-01	.7633-01	30.27	1.923	.3561	553.1	.2719-02
21	.60000	.30000	886.00	.5761-01	.6819-01	.6921-01	30.32	1.747	.3552	551.7	.2465-02
21	.60000	.40000	887.00	.5550-01	.6567-01	.6665-01	30.37	1.686	.3541	549.9	.2374-02
21	.60000	.50000	888.00	.5388-01	.6374-01	.6469-01	30.40	1.638	.3536	549.1	.2305-02
21	.60000	.60000	889.00	.4721-01	.5585-01	.5667-01	30.42	1.436	.3532	548.5	.2019-02
21	.60000	.70000	890.00	.1013-01	.1198-01	.1215-01	30.44	.3083	.3527	547.8	.4330-03
21	.60000	.80000	891.00	.9591-01	.1134	.1151	30.44	2.919	.3528	548.0	.4101-02
21	.60000	.85000	892.00	.1325	.1568	.1591	30.40	4.029	.3536	549.2	.5668-02
21	.60000	.90000	893.00	.1088	.1288	.1307	30.34	3.302	.3548	551.1	.4657-02
21	.60000	.95000	894.00	.4780-01	.5660-01	.5745-01	30.25	1.446	.3567	554.0	.2046-02
21	.65000	.00000	895.00	.3488	.4130	.4191	30.28	10.56	.3560	552.9	.1493-01
21	.70000	.00000	896.00	.1802	.2133	.2165	30.30	5.460	.3555	552.2	.7709-02
21	.70000	.25000-01	897.00	.1961	.2322	.2356	30.26	5.934	.3563	553.5	.8392-02
21	.70000	.10000+00	898.00	.1352	.1600	.1624	30.25	4.089	.3565	553.8	.5785-02
21	.70000	.20000	899.00	.9752-01	.1155	.1172	30.27	2.952	.3562	553.2	.4173-02
21	.70000	.30000	900.00	.7594-01	.8989-01	.9123-01	30.30	2.301	.3555	552.2	.3249-02
21	.70000	.40000	901.00	.9570-01	.1132	.1149	30.36	2.905	.3544	550.4	.4094-02
21	.70000	.60000	902.00	.7048-01	.8336-01	.8460-01	30.42	2.144	.3532	548.5	.3014-02
21	.75000	.00000	904.00	.2412	.2856	.2898	30.25	7.295	.3567	554.0	.1032-01
21	.75000	.25000-01	905.00	.3556	.4210	.4273	30.23	10.75	.3569	554.4	.1522-01
21	.75000	.50000-01	906.00	.2398	.2839	.2882	30.23	7.247	.3571	554.7	.1026-01
21	.75000	.10000+00	907.00	.1607	.1904	.1932	30.22	4.858	.3571	554.7	.6880-02
21	.75000	.20000	908.00	.8359-01	.9896-01	.1004	30.26	2.530	.3564	553.5	.3577-02
21	.75000	.30000	909.00	.7135-01	.8446-01	.8572-01	30.29	2.161	.3558	552.6	.3053-02
21	.75000	.40000	910.00	.6488-01	.7677-01	.7792-01	30.36	1.969	.3545	550.5	.2776-02
21	.75000	.80000	912.00	.1642	.1943	.1972	30.39	4.991	.3537	549.4	.7024-02
21	.75000	.90000	913.00	.1136	.1345	.1365	30.31	3.444	.3554	552.0	.4862-02
21	.75000	.95000	914.00	.8541-01	.1011	.1026	30.28	2.567	.3559	552.8	.3655-02
21	.80000	.00000	915.00	.3380	.4003	.4063	30.20	10.21	.3576	555.4	.1447-01
21	.80000	.20000	916.00	.1072	.1270	.1289	30.23	3.242	.3570	554.5	.4590-02
21	.80000	.40000	917.00	.6417-01	.7594-01	.7707-01	30.33	1.946	.3549	551.2	.2745-02
21	.80000	.90000	918.00	.1431	.1694	.1719	30.33	4.340	.3550	551.4	.6123-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D12)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
21	.85000	.00000	919.00	.3952	.4680	.4750	30.23	11.95	.3571	554.7	.1692-01
21	.85000	.20000	920.00	.1139	.1349	.1369	30.26	3.448	.3564	553.5	.4876-02
21	.90000	.00000	922.00	.2384	.2822	.2864	30.29	7.221	.3558	552.6	.1020-01
21	.90000	.10000+00	923.00	.1573	.1862	.1890	30.26	4.759	.3564	553.5	.6730-02
21	.90000	.20000	924.00	.1217	.1441	.1462	30.26	3.682	.3564	553.6	.5208-02
21	.90000	.30000	925.00	.1025	.1214	.1232	30.26	3.102	.3564	553.6	.4388-02
21	.90000	.50000	926.00	.8253-01	.9767-01	.9913-01	30.32	2.503	.3551	551.5	.3531-02
21	.90000	.80000	927.00	.1630	.1929	.1958	30.33	4.945	.3549	551.3	.6974-02
21	.90000	.90000	928.00	.1795	.2125	.2157	30.29	5.438	.3558	552.6	.7681-02
21	.95000	.00000	929.00	.1363	.1613	.1637	30.28	4.127	.3559	552.8	.5831-02
21	.95000	.50000-01	930.00	.1690	.2001	.2031	30.26	5.114	.3564	553.5	.7232-02
21	.95000	.10000+00	931.00	.1455	.1723	.1749	30.25	4.402	.3566	553.8	.6228-02
21	.95000	.20000	932.00	.1263	.1496	.1518	30.25	3.822	.3566	553.9	.5407-02
21	.95000	.30000	933.00	.1102	.1305	.1325	30.27	3.337	.3562	553.3	.4718-02
21	.95000	.50000	934.00	.7152-01	.8465-01	.8591-01	30.32	2.168	.3552	551.7	.3060-02
21	.95000	.70000	935.00	.1099	.1301	.1320	30.33	3.333	.3549	551.3	.4702-02
21	.95000	.80000	936.00	.1152	.1363	.1384	30.28	3.488	.3559	552.8	.4929-02
21	.95000	.90000	937.00	.8652-01	.1024	.1040	30.25	2.617	.3566	553.8	.3703-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D13)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 15.00 BDFLAP = 15.00
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
19	7.320	3.507	873.3	1547.	381.9	.3967	.1750-01
20	7.320	3.576	874.0	1530.	377.4	.3999	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
19	.30000	.00000	845.00	.3007-01	.3562-01	.3615-01	59.61	1.793	.3580	569.8	.6786-03
19	.30000	.50000-01	846.00	.9094-01	.1078	.1094	59.49	5.410	.3593	571.8	.2053-02
19	.30000	.10000+00	847.00	.8058-01	.9540-01	.9683-01	59.78	4.817	.3562	567.0	.1818-02
19	.30000	.20000	848.00	.6789-01	.8037-01	.8157-01	59.83	4.062	.3557	566.1	.1531-02
19	.30000	.40000	850.00	.3721-01	.4403-01	.4469-01	59.93	2.230	.3547	564.5	.8390-03
19	.30000	.50000	851.00	.3563-01	.4215-01	.4278-01	60.00	2.138	.3540	563.4	.8032-03
19	.30000	.60000	852.00	.4385-01	.5188-01	.5265-01	60.02	2.632	.3538	563.1	.9805-03
19	.30000	.70000	853.00	.4668-01	.5522-01	.5604-01	60.05	2.803	.3535	562.6	.1052-02
19	.30000	.80000	854.00	.4956-01	.5864-01	.5951-01	59.98	2.973	.3541	563.6	.1117-02
19	.30000	.95000	856.00	.1654	.1959	.1989	59.53	9.843	.3588	571.1	.3732-02
20	.35000	.00000	857.00	.8173-01	.9706-01	.9853-01	58.09	4.748	.3667	576.9	.1834-02
19	.40000	.00000	858.00	.1721	.2040	.2070	59.40	10.22	.3601	573.2	.3885-02
19	.40000	.50000-01	859.00	.2838	.3364	.3414	59.34	16.84	.3608	574.2	.6407-02
19	.40000	.10000+00	860.00	.1596	.1891	.1920	59.40	9.479	.3601	573.2	.3602-02
19	.40000	.20000	861.00	.7650-01	.9061-01	.9196-01	59.64	4.563	.3577	569.3	.1726-02
19	.40000	.30000	862.00	.5667-01	.6707-01	.6807-01	59.86	3.392	.3554	565.7	.1278-02
19	.40000	.40000	863.00	.4281-01	.5066-01	.5141-01	59.93	2.566	.3547	564.5	.9653-03
19	.40000	.50000	864.00	.3943-01	.4664-01	.4733-01	60.05	2.368	.3534	562.5	.8887-03
19	.40000	.60000	865.00	.3604-01	.4265-01	.4328-01	59.93	2.160	.3547	564.5	.8126-03
19	.40000	.70000	866.00	.1669-01	.1975-01	.2004-01	59.96	1.001	.3544	564.0	.3763-03
19	.40000	.80000	867.00	.4029	.4769	.4840	59.84	24.10	.3557	566.1	.9085-02
19	.40000	.90000	868.00	.3089	.3659	.3714	59.58	18.41	.3583	570.2	.6971-02
19	.40000	.95000	869.00	.2663	.3156	.3203	59.42	15.82	.3599	572.9	.6011-02
19	.50000	.00000	871.00	.4840	.5736	.5822	59.44	28.77	.3598	572.6	.1093-01
19	.50000	.50000-01	872.00	.2618	.3103	.3150	59.38	15.55	.3604	573.5	.5910-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE

(RE2D13)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
19	.50000	.20000	874.00	.1192	.1412	.1433	59.55	7.098	.3586	570.8	.2690-02
19	.50000	.30000	875.00	.1251	.1481	.1503	59.70	7.467	.3570	568.2	.2822-02
19	.50000	.40000	876.00	.1662	.1967	.1996	59.88	9.952	.3552	565.3	.3748-02
19	.50000	.50000	877.00	.1579	.1868	.1896	59.99	9.472	.3541	563.6	.3560-02
19	.50000	.60000	878.00	.3486	.4128	.4190	59.63	20.78	.3578	569.5	.7865-02
20	.55000	.00000	879.00	.6716	.7981	.8103	57.86	38.86	.3691	580.6	.1507-01
20	.60000	.00000	880.00	.3805	.4522	.4591	57.87	22.02	.3690	580.5	.8541-02
20	.60000	.25000-01	881.00	.3957	.4703	.4775	57.80	22.87	.3698	581.6	.8883-02
20	.60000	.50000-01	882.00	.2665	.3168	.3216	57.81	15.41	.3697	581.5	.5983-02
20	.60000	.75000-01	883.00	.2187	.2599	.2639	57.85	12.65	.3692	580.7	.4909-02
20	.60000	.10000+00	884.00	.1577	.1874	.1903	57.89	9.132	.3688	580.1	.3541-02
20	.60000	.20000	885.00	.1454	.1727	.1753	58.03	8.438	.3674	577.9	.3263-02
20	.60000	.30000	886.00	.3148	.3737	.3794	58.13	18.30	.3663	576.1	.7061-02
20	.60000	.40000	887.00	.2945	.3496	.3549	58.24	17.15	.3652	574.4	.6606-02
20	.60000	.50000	888.00	.2767	.3284	.3333	58.29	16.13	.3646	573.5	.6204-02
20	.60000	.60000	889.00	.2433	.2887	.2930	58.36	14.20	.3639	572.4	.5455-02
20	.60000	.70000	890.00	.2126	.2522	.2560	58.48	12.44	.3627	570.5	.4766-02
20	.60000	.80000	891.00	.4575	.5425	.5507	58.57	26.79	.3618	569.0	.1025-01
20	.60000	.85000	892.00	.4332	.5139	.5217	58.44	25.32	.3631	571.1	.9711-02
20	.60000	.90000	893.00	.3530	.4190	.4253	58.28	20.57	.3647	573.7	.7916-02
20	.60000	.95000	894.00	.2787	.3309	.3359	58.22	16.23	.3654	574.8	.6251-02
20	.65000	.00000	895.00	.3064	.3639	.3695	58.02	17.78	.3674	578.0	.6875-02
20	.70000	.00000	896.00	.1853	.2200	.2234	58.08	10.76	.3668	577.0	.4157-02
20	.70000	.25000-01	897.00	.2323	.2760	.2802	57.97	13.47	.3680	578.9	.5214-02
20	.70000	.10000+00	898.00	.2878	.3419	.3471	57.96	16.68	.3681	579.0	.6459-02
20	.70000	.20000	899.00	.3397	.4034	.4096	58.04	19.72	.3672	577.6	.7621-02
20	.70000	.30000	900.00	.3118	.3702	.3759	58.13	18.13	.3663	576.1	.6995-02
20	.70000	.40000	901.00	.3022	.3587	.3641	58.25	17.60	.3650	574.2	.6776-02
20	.70000	.60000	902.00	.2529	.3000	.3046	58.41	14.77	.3634	571.6	.5669-02
20	.75000	.25000-01	905.00	.2615	.3103	.3150	58.35	15.26	.3640	572.6	.5862-02
20	.75000	.50000-01	906.00	.2607	.3097	.3145	57.89	15.09	.3688	580.1	.5850-02
20	.75000	.10000+00	907.00	.2337	.2776	.2819	57.89	13.53	.3688	580.1	.5245-02
20	.75000	.20000	908.00	.2561	.3042	.3088	58.00	14.85	.3677	578.4	.5747-02
20	.75000	.30000	909.00	.2777	.3297	.3347	58.12	16.14	.3664	576.4	.6229-02
20	.75000	.40000	910.00	.2712	.3219	.3268	58.27	15.80	.3649	573.9	.6082-02
20	.75000	.60000	911.00	.2536	.3009	.3055	58.38	14.81	.3637	572.1	.5686-02
20	.75000	.80000	912.00	.4052	.4806	.4879	58.47	23.69	.3628	570.6	.9082-02
20	.75000	.90000	913.00	.2903	.3446	.3498	58.24	16.91	.3652	574.4	.6511-02
20	.75000	.95000	914.00	.2371	.2815	.2858	58.20	13.80	.3656	575.1	.5318-02
20	.80000	.00000	915.00	.3211	.3815	.3874	57.85	18.57	.3692	580.7	.7207-02
20	.80000	.20000	916.00	.1442	.1713	.1739	57.91	8.348	.3686	579.8	.3235-02
20	.80000	.40000	917.00	.2242	.2662	.2702	58.22	13.05	.3654	574.8	.5029-02
20	.80000	.90000	918.00	.3162	.3753	.3810	58.32	18.44	.3643	573.1	.7091-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D13)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
20	.85000	.00000	919.00	.3765	.4473	.4541	57.94	21.81	.3683	579.4	.8449-02
20	.85000	.20000	920.00	.1113	.1322	.1342	57.99	6.452	.3678	578.5	.2497-02
20	.90000	.00000	922.00	.2266	.2691	.2732	58.11	13.17	.3665	576.5	.5083-02
20	.90000	.10000+00	923.00	.1553	.1844	.1873	58.00	9.006	.3676	578.3	.3484-02
20	.90000	.20000	924.00	.1191	.1415	.1436	57.98	6.904	.3679	578.7	.2672-02
20	.90000	.30000	925.00	.9877-01	.1173	.1191	58.00	5.728	.3677	578.4	.2216-02
20	.90000	.50000	926.00	.8907-01	.1057	.1073	58.21	5.185	.3655	574.9	.1998-02
20	.90000	.80000	927.00	.3244	.3849	.3908	58.35	18.93	.3640	572.6	.7273-02
20	.90000	.90000	928.00	.2478	.2941	.2986	58.22	14.42	.3653	574.7	.5557-02
20	.95000	.00000	929.00	.1282	.1522	.1545	58.06	7.441	.3670	577.3	.2875-02
20	.95000	.50000-01	930.00	.1618	.1922	.1952	57.98	9.382	.3679	578.7	.3631-02
20	.95000	.10000+00	931.00	.1421	.1688	.1714	57.96	8.234	.3681	579.1	.3188-02
20	.95000	.20000	932.00	.1222	.1452	.1474	57.95	7.082	.3682	579.1	.2743-02
20	.95000	.30000	933.00	.1061	.1260	.1280	58.00	6.154	.3676	578.3	.2381-02
20	.95000	.50000	934.00	.6953-01	.8252-01	.8377-01	58.27	4.052	.3648	573.8	.1559-02
20	.95000	.70000	935.00	.3209	.3807	.3865	58.40	18.74	.3635	571.8	.7194-02
20	.95000	.80000	936.00	.3570	.4238	.4302	58.23	20.79	.3652	574.5	.8007-02
20	.95000	.90000	937.00	.2481	.2945	.2990	58.12	14.42	.3664	576.4	.5565-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D14)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -7.000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
50	7.320	3.444	873.1	1563.	386.2	.3939	.1750-01
51	7.320	3.451	873.5	1562.	385.8	.3943	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
50	.30000	.00000	845.00	.3336-01	.3945-01	.3860-01	60.88	2.031	.3519	566.5	.7572-03
50	.30000	.50000-01	846.00	.1129	.1336	.1307	60.77	6.862	.3531	568.3	.2563-02
50	.30000	.10000+00	847.00	.1026	.1213	.1187	61.01	6.261	.3507	564.4	.2328-02
50	.30000	.20000	848.00	.9078-01	.1073	.1050	61.04	5.541	.3504	564.0	.2060-02
50	.30000	.40000	850.00	.6222-01	.7351-01	.7195-01	61.15	3.804	.3493	562.2	.1411-02
50	.30000	.50000	851.00	.6435-01	.7602-01	.7440-01	61.24	3.941	.3483	560.7	.1459-02
50	.30000	.60000	852.00	.8903-01	.1052	.1029	61.27	5.455	.3480	560.2	.2019-02
50	.30000	.70000	853.00	.1281	.1513	.1481	61.29	7.850	.3478	559.8	.2904-02
50	.30000	.80000	854.00	.1646	.1945	.1903	61.19	10.07	.3488	561.5	.3734-02
50	.30000	.95000	856.00	.5244-01	.6198-01	.6065-01	61.09	3.204	.3498	563 1	.1190-02
51	.35000	.00000	857.00	.8637-01	.1022	.1000	60.55	5.230	.3548	570.4	.1960-02
50	.40000	.00000	858.00	.1588	.1879	.1839	60.72	9.645	.3536	569.2	.3606-02
50	.40000	.50000-01	859.00	.2998	.3547	.3471	60.64	18.18	.3545	570.6	.6808-02
50	.40000	.10000+00	860.00	.1984	.2347	.2297	60.66	12.03	.3542	570.2	.4505-02
50	.40000	.20000	861.00	.1162	.1374	.1345	60.87	7.074	.3521	566.7	.2638-02
50	.40000	.30000	862.00	.1001	.1183	.1158	61.08	6.117	.3499	563.2	.2272-02
50	.40000	.40000	863.00	.8874-01	.1048	.1026	61.17	5.429	.3490	561.7	.2013-02
50	.40000	.50000	864.00	.1159	.1369	.1340	61.30	7.107	.3477	559.7	.2629-02
50	.40000	.60000	865.00	.1344	.1588	.1554	61.14	8.216	.3493	562.2	.3048-02
50	.40000	.70000	866.00	.1270	.1500	.1468	61.15	7.764	.3493	562.2	.2880-02
50	.40000	.80000	867.00	.7409-01	.8755-01	.8568-01	61.09	4.526	.3498	563.1	.1681-02
50	.40000	.90000	868.00	.5876-01	.6948-01	.6799-01	60.86	3.576	.3522	567.0	.1334-02
50	.40000	.95000	869.00	.5217-01	.6171-01	.6039-01	60.72	3.168	.3536	569.1	.1184-02
50	.50000	.00000	871.00	.4841	.5727	.5604	60.75	29.41	.3533	568.7	.1099-01
50	.50000	.50000-01	872.00	.3168	.3748	.3667	60.67	19.22	.3541	570.0	.7193-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D14)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
50	.50000	.20000	874.00	.1319	.1560	.1526	60.78	8.015	.3530	568.3	.2994-02
50	.50000	.30000	875.00	.1102	.1303	.1275	60.92	6.711	.3516	565.9	.2500-02
50	.50000	.40000	876.00	.1020	.1205	.1179	61.12	6.232	.3495	562.6	.2313-02
50	.50000	.50000	877.00	.9791-01	.1157	.1132	61.21	5.993	.3486	561.2	.2221-02
50	.50000	.60000	878.00	.4208-01	.4977-01	.4870-01	60.85	2.561	.3522	567.0	.9552-03
51	.55000	.00000	879.00	.6532	.7735	.7568	60.32	39.40	.3571	574.2	.1483-01
51	.60000	.00000	880.00	.5742	.6800	.6653	60.32	34.64	.3572	574.3	.1304-01
51	.60000	.25000-01	881.00	.5493	.6507	.6366	60.22	33.08	.3582	575.9	.1247-01
51	.60000	.50000-01	882.00	.3393	.4020	.3933	60.18	20.42	.3585	576.5	.7706-02
51	.60000	.75000-01	883.00	.2815	.3334	.3262	60.20	16.95	.3583	576.2	.6392-02
51	.60000	.10000+00	884.00	.2181	.2584	.2528	60.21	13.13	.3583	576.1	.4953-02
51	.60000	.20000	885.00	.1526	.1807	.1768	60.28	9.199	.3575	574.9	.3465-02
51	.60000	.30000	886.00	.1565	.1853	.1813	60.41	9.455	.3562	572.7	.3552-02
51	.60000	.40000	887.00	.1518	.1796	.1758	60.59	9.197	.3544	569.8	.3444-02
51	.60000	.50000	888.00	.1385	.1639	.1604	60.68	8.407	.3535	568.3	.3143-02
51	.60000	.60000	889.00	.1208	.1429	.1398	60.71	7.333	.3532	567.9	.2740-02
51	.60000	.70000	890.00	.1230	.1455	.1423	60.79	7.478	.3523	566.5	.2790-02
51	.60000	.80000	891.00	.7770-01	.9186-01	.8989-01	60.87	4.729	.3516	565.3	.1732-02
51	.60000	.85000	892.00	.8042-01	.9514-01	.9309-01	60.68	4.880	.3534	568.3	.1824-02
51	.60000	.90000	893.00	.7233-01	.8562-01	.8378-01	60.45	4.373	.3558	572.1	.1642-02
51	.65000	.00000	895.00	.2998	.3549	.3472	60.46	18.13	.3557	571.9	.6804-02
51	.70000	.00000	896.00	.1619	.1916	.1875	60.51	9.798	.3552	571.1	.3674-02
51	.70000	.25000-01	897.00	.2119	.2509	.2455	60.35	12.79	.3569	573.8	.4810-02
51	.70000	.10000+00	898.00	.2027	.2401	.2349	60.27	12.22	.3576	575.0	.4603-02
51	.70000	.20000	899.00	.1710	.2025	.1981	60.29	10.31	.3575	574.8	.3882-02
51	.70000	.30000	900.00	.1385	.1640	.1605	60.37	8.363	.3566	573.4	.3144-02
51	.70000	.40000	901.00	.1458	.1725	.1688	60.55	8.829	.3548	570.4	.3308-02
51	.70000	.60000	902.00	.3859-01	.4569-01	.4470-01	60.40	2.331	.3563	572.9	.8759-03
51	.75000	.00000	904.00	.1492	.1766	.1728	60.36	9.004	.3568	573.7	.3386-02
51	.75000	.25000-01	905.00	.3390	.4015	.3928	60.29	20.44	.3575	574.8	.7697-02
51	.75000	.50000-01	906.00	.3096	.3667	.3588	60.23	18.65	.3581	575.8	.7030-02
51	.75000	.10000+00	907.00	.2586	.3063	.2997	60.19	15.56	.3585	576.4	.5872-02
51	.75000	.20000	908.00	.1548	.1834	.1794	60.24	9.327	.3580	575.6	.3516-02
51	.75000	.30000	909.00	.1303	.1543	.1509	60.34	7.862	.3569	573.9	.2958-02
51	.75000	.40000	910.00	.1233	.1459	.1428	60.55	7.466	.3548	570.5	.2798-02
51	.75000	.60000	911.00	.2203	.2607	.2551	60.62	13.36	.3541	569.4	.4998-02
51	.75000	.90000	913.00	.9177-01	.1087	.1063	60.36	5.539	.3567	573.5	.2083-02
51	.75000	.95000	914.00	.7517-01	.8903-01	.8710-01	60.28	4.531	.3576	574.9	.1707-02
51	.80000	.00000	915.00	.3454	.4091	.4002	60.22	20.80	.3582	575.9	.7842-02
51	.80000	.20000	916.00	.3764	.4459	.4362	60.15	22.64	.3588	577.0	.8548-02
51	.80000	.40000	917.00	.1296	.1535	.1501	60.45	7.836	.3559	572.2	.2942-02
51	.80000	.90000	918.00	.9459-01	.1120	.1096	60.41	5.715	.3562	572.7	.2147-02
51	.85000	.00000	919.00	.3842	.4550	.4452	60.28	23.16	.3576	575.0	.8723-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D14)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
51	.85000	.20000	920.00	.4526	.5361	.5245	60.22	27.25	.3582	575.9	.1028-01
51	.90000	.00000	922.00	.2054	.2431	.2379	60.45	12.41	.3559	572.2	.4661-02
51	.90000	.10000+00	923.00	.3233	.3829	.3746	60.28	19.49	.3576	574.9	.7340-02
51	.90000	.20000	924.00	.4196	.4971	.4863	60.21	25.26	.3583	576.1	.9529-02
51	.90000	.30000	925.00	.4122	.4883	.4777	60.19	24.81	.3585	576.5	.9361-02
51	.90000	.50000	926.00	.4274	.5060	.4951	60.37	25.80	.3566	573.4	.9701-02
51	.90000	.80000	927.00	.1801	.2132	.2086	60.44	10.88	.3560	572.3	.4087-02
51	.90000	.90000	928.00	.1340	.1587	.1553	60.27	8.076	.3577	575.1	.3042-02
51	.95000	.00000	929.00	.1063	.1259	.1232	60.34	6.416	.3570	573.9	.2414-02
51	.95000	.50000-01	930.00	.1840	.2179	.2132	60.24	11.08	.3580	575.6	.4177-02
51	.95000	.10000+00	931.00	.2434	.2884	.2822	60.19	14.65	.3584	576.3	.5528-02
51	.95000	.20000	932.00	.3364	.3985	.3899	60.15	20.23	.3589	577.1	.7639-02
51	.95000	.30000	933.00	.3636	.4308	.4214	60.18	21.88	.3585	576.5	.8257-02
51	.95000	.50000	934.00	.2813	.3330	.3259	60.43	17.00	.3560	572.4	.6385-02
51	.95000	.70000	935.00	.1718	.2033	.1989	60.47	10.39	.3556	571.8	.3898-02
51	.95000	.80000	936.00	.1616	.1914	.1873	60.28	9.743	.3575	574.8	.3669-02
51	.95000	.90000	937.00	.1215	.1439	.1408	60.14	7.306	.3590	577.2	.2759-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D15)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
38	7.320	.9205	235.2	1571.	388.1	.1058	.1750-01
39	7.320	.9379	234.9	1552.	383.2	.1065	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
39	.30000	.00000	845.00	.3247-01	.3844-01	.3901-01	31.14	1.011	.3557	568.1	.1415-02
39	.30000	.50000-01	846.00	.9808-01	.1161	.1178	31.12	3.052	.3561	568.8	.4275-02
39	.30000	.10000+00	847.00	.8648-01	.1023	.1039	31.17	2.696	.3551	567.2	.3769-02
39	.30000	.20000	848.00	.7369-01	.8721-01	.8851-01	31.18	2.298	.3548	566.7	.3211-02
39	.30000	.40000	850.00	.4422-01	.5232-01	.5310-01	31.22	1.380	.3542	565.8	.1927-02
39	.30000	.50000	851.00	.3565-01	.4218-01	.4280-01	31.25	1.114	.3536	564.8	.1553-02
39	.30000	.60000	852.00	.3369-01	.3986-01	.4045-01	31.25	1.053	.3535	564.6	.1468-02
39	.30000	.70000	853.00	.2950-01	.3489-01	.3541-01	31.28	.9226	.3530	563.7	.1285-02
39	.30000	.80000	854.00	.2841-01	.3360-01	.3410-01	31.27	.8881	.3532	564.2	.1237-02
39	.30000	.95000	856.00	.8379-02	.9910-02	.1006-01	31.28	.2621	.3529	563.6	.3650-03
38	.35000	.00000	857.00	.8447-01	.9986-01	.1013	31.79	2.685	.3513	568.2	.3704-02
39	.40000	.00000	858.00	.1772	.2098	.2129	31.09	5.509	.3567	569.7	.7724-02
39	.40000	.50000-01	859.00	.2904	.3438	.3489	31.09	9.027	.3567	569.8	.1266-01
39	.40000	.10000+00	860.00	.1625	.1924	.1953	31.10	5.054	.3565	569.4	.7084-02
39	.40000	.20000	861.00	.8040-01	.9516-01	.9658-01	31.16	2.506	.3553	567.4	.3504-02
39	.40000	.30000	862.00	.6323-01	.7481-01	.7592-01	31.22	1.974	.3541	565.6	.2755-02
39	.40000	.40000	863.00	.4917-01	.5816-01	.5903-01	31.26	1.537	.3534	564.5	.2142-02
39	.40000	.50000	864.00	.4545-01	.5375-01	.5455-01	31.30	1.423	.3525	563.1	.1979-02
39	.40000	.60000	865.00	.4373-01	.5172-01	.5249-01	31.28	1.368	.3529	563.6	.1905-02
39	.40000	.70000	866.00	.3749-01	.4434-01	.4499-01	31.29	1.173	.3528	563.4	.1633-02
39	.40000	.80000	867.00	.1022-01	.1209-01	.1227-01	31.31	.3200	.3524	562.9	.4452-03
39	.40000	.90000	868.00	.6591-02	.7796-02	.7912-02	31.26	.2060	.3534	564.4	.2871-03
39	.40000	.95000	869.00	.4379 02	.5181-02	.5258-02	31.21	.1367	.3543	565.8	.1908-03
39	.50000	.00000	871.00	.5082	.6017	.6106	31.12	15.82	.3561	568.8	.2215-01
39	.50000	.50000-01	872.00	.2546	.3015	.3060	31.12	7.924	.3561	568.8	.1110-01

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2015)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
39	.50000	.10000+00	873.00	.1430	.1693	.1718	31.13	4.453	.3559	568.4	.6234-02
39	.50000	.20000	874.00	.9706-01	.1149	.1166	31.16	3.025	.3552	567.4	.4230-02
39	.50000	.30000	875.00	.8121-01	.9609-01	.9752-01	31.21	2.534	.3543	566.0	.3538-02
39	.50000	.40000	876.00	.8224-01	.9728-01	.9872-01	31.26	2.571	.3532	564.2	.3582-02
39	.50000	.50000	877.00	.6378-01	.7543-01	.7655-01	31.31	1.997	.3524	562.8	.2778-02
39	.50000	.60000	878.00	.7163-02	.8473-02	.8599-02	31.26	.2239	.3533	564.2	.3120-03
38	.55000	.00000	879.00	.6662	.7879	.7996	31.73	21.14	.3523	569.8	.2922-01
38	.60000	.00000	880.00	.3647	.4313	.4377	31.75	11.58	.3520	569.4	.1600-01
38	.60000	.25000-01	881.00	.3792	.4484	.4550	31.74	12.03	.3522	569.7	.1663-01
38	.60000	.50000-01	882.00	.2418	.2859	.2901	31.74	7.674	.3522	569.6	.1060-01
38	.60000	.75000-01	883.00	.1896	.2242	.2275	31.75	6.019	.3520	569.3	.8314-02
38	.60000	.10000+00	884.00	.1263	.1493	.1516	31.76	4.012	.3518	568.9	.5540-02
38	.60000	.20000	885.00	.6188-01	.7316-01	.7424-01	31.79	1.968	.3512	567.9	.2714-02
38	.60000	.30000	886.00	.5537-01	.6544-01	.6640-01	31.84	1.763	.3503	566.6	.2428-02
38	.60000	.40000	887.00	.5270-01	.6228-01	.6319-01	31.89	1.681	.3493	565.0	.2310-02
38	.60000	.50000	888.00	.5403-01	.6383-01	.6477-01	31.91	1.724	.3488	564.1	.2368-02
38	.60000	.60000	889.00	.5038-01	.5952-01	.6040-01	31.93	1.609	.3485	563.6	.2208-02
38	.60000	.70000	890.00	.4703-01	.5555-01	.5637-01	31.96	1.503	.3480	562.8	.2061-02
38	.60000	.80000	891.00	.1198-01	.1414-01	.1435-01	31.98	.3830	.3476	562.1	.5248-03
38	.60000	.85000	892.00	.9071-02	.1072-01	.1087-01	31.94	.2898	.3483	563.3	.3976-03
38	.60000	.90000	893.00	.6828-02	.8069-02	.8188-02	31.88	.2177	.3496	565.4	.2994-03
38	.60000	.95000	894.00	.4219-02	.4986-02	.5060-02	31.83	.1343	.3505	567.0	.1850-03
38	.65000	.00000	895.00	.3265	.3860	.3917	31.79	10.38	.3513	568.1	.1432-01
38	.70000	.00000	896.00	.1716	.2028	.2058	31.81	5.458	.3508	567.4	.7524-02
38	.70000	.25000-01	897.00	.1878	.2221	.2254	31.78	5.970	.3514	568.4	.8238-02
38	.70000	.10000+00	898.00	.1297	.1533	.1556	31.77	4.121	.3515	568.6	.5688-02
38	.70000	.20000	899.00	.9299-01	.1099	.1116	31.80	2.957	.3511	567.9	.4078-02
38	.70000	.30000	900.00	.7136-01	.8434-01	.8559-01	31.83	2.271	.3505	566.9	.3129-02
38	.70000	.40000	901.00	.8754-01	.1034	.1050	31.89	2.792	.3493	565.0	.3838-02
38	.70000	.60000	902.00	.7369-01	.8705-01	.8833-01	31.94	2.354	.3482	563.2	.3230-02
38	.70000	.90000	903.00	.4236-02	.5005-02	.5079-02	31.90	.1351	.3491	564.7	.1857-03
38	.75000	.25000-01	905.00	.3411	.4033	.4093	31.76	10.83	.3519	569.2	.1496-01
38	.75000	.50000-01	906.00	.2316	.2738	.2779	31.75	7.351	.3521	569.4	.1016-01
38	.75000	.10000+00	907.00	.1566	.1852	.1880	31.75	4.973	.3520	569.4	.6870-02
38	.75000	.20000	908.00	.8047-01	.9513-01	.9654-01	31.79	2.556	.3513	568.1	.3529-02
38	.75000	.30000	909.00	.6745-01	.7973-01	.8091-01	31.82	2.146	.3506	567.1	.2958-02
38	.75000	.40000	910.00	.6167-01	.7287-01	.7395-01	31.89	1.966	.3494	565.1	.2704-02
38	.75000	.80000	912.00	.1464-01	.1729-01	.1755-01	31.95	.4677	.3482	563.1	.6416-03
38	.75000	.90000	913.00	.7928-02	.9369-02	.9507-02	31.86	.2526	.3499	565.9	.3476-03
38	.75000	.95000	914.00	.7380-02	.8722-02	.8851-02	31.83	.2349	.3504	566.7	.3236-03
38	.80000	.00000	915.00	.3198	.3783	.3839	31.72	10.14	.3526	570.4	.1403-01
38	.80000	.20000	916.00	.1035	.1224	.1242	31.76	3.286	.3519	569.1	.4539-02
38	.80000	.40000	917.00	.6316-01	.7464-01	.7575-01	31.86	2.012	.3498	565.8	.2769-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D15)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
38	.80000	.90000	918.00	.8023-02	.9481-02	.9621-02	31.88	.2558	.3495	565.3	.3517-03
38	.85000	.00000	919.00	.3721	.4401	.4466	31.74	11.81	.3523	569.8	.1632-01
38	.85000	.20000	920.00	.1092	.1291	.1310	31.78	3.471	.3514	568.3	.4790-02
38	.90000	.00000	922.00	.2267	.2680	.2720	31.80	7.210	.3511	567.8	.9943-02
38	.90000	.10000+00	923.00	.1518	.1795	.1822	31.77	4.823	.3516	568.7	.6659-02
38	.90000	.20000	924.00	.1169	.1382	.1403	31.77	3.714	.3517	568.7	.5128-02
38	.90000	.30000	925.00	.9915-01	.1172	.1190	31.77	3.150	.3517	568.8	.4348-02
38	.90000	.50000	926.00	.8096-01	.9569-01	.9710-01	31.85	2.578	.3501	566.3	.3550-02
38	.90000	.80000	927.00	.1663-01	.1965-01	.1994-01	31.84	.5294	.3503	566.5	.7291-03
38	.90000	.90000	928.00	.1504-01	.1778-01	.1804-01	31.83	.4789	.3504	566.7	.6596-03
38	.95000	.00000	929.00	.1311	.1550	.1573	31.77	4.165	.3517	568.8	.5750-02
38	.95000	.50000-01	930.00	.1622	.1918	.1946	31.74	5.148	.3522	569.6	.7115-02
38	.95000	.10000+00	931.00	.1409	.1666	.1691	31.74	4.471	.3523	569.7	.6180-02
38	.95000	.20000	932.00	.1222	.1446	.1467	31.74	3.880	.3523	569.8	.5362-02
38	.95000	.30000	933.00	.1062	.1256	.1274	31.77	3.373	.3517	568.8	.4657-02
38	.95000	.50000	934.00	.7619-01	.9005-01	.9138-01	31.84	2.426	.3502	566.4	.3341-02
38	.95000	.70000	935.00	.2580-01	.3049-01	.3094-01	31.87	.8224	.3497	565.5	.1131-02
38	.95000	.80000	936.00	.2051-01	.2424-01	.2460-01	31.82	.6526	.3506	567.0	.8992-03
38	.95000	.90000	937.00	.1422-01	.1681-01	.1706-01	31.79	.4520	.3513	568.1	.6236-03

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D16)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
42	7.320	3.589	870.8	1524.	375.7	.3995	.1750-01
43	7.320	3.857	872.5	1462.	359.6	.4109	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
43	.30000	.00000	845.00	.3035-01	.3601-01	.3656-01	55.54	1.686	.3633	544.5	.6608-03
43	.30000	.50000-01	846.00	.9172-01	.1088	.1105	55.44	5.095	.3644	546.1	.1997-02
43	.30000	.10000+00	847.00	.8161-01	.9679-01	.9825-01	55.62	4.539	.3624	543.0	.1776-02
43	.30000	.20000	848.00	.6833-01	.8104-01	.8227-01	55.63	3.801	.3623	542.9	.1487-02
43	.30000	.40000	850.00	.3795-01	.4499-01	.4567-01	55.72	2.115	.3613	541.4	.8257-03
43	.30000	.50000	851.00	.3704-01	.4391-01	.4457-01	55.80	2.067	.3604	540.1	.8058-03
43	.30000	.60000	852.00	.4596-01	.5448-01	.5530-01	55.77	2.563	.3608	540.7	.9999-03
43	.30000	.70000	853.00	.5164-01	.6120-01	.6212-01	55.83	2.883	.3601	539.6	.1123-02
43	.30000	.80000	854.00	.6738-01	.7987-01	.8107-01	55.77	3.757	.3608	540.6	.1466-02
43	.30000	.95000	856.00	.1525-01	.1807-01	.1834-01	55.86	.8519	.3597	539.0	.3317-03
42	.35000	.00000	857.00	.8103-01	.9604-01	.9749-01	58.32	4.725	.3603	564.2	.1813-02
43	.40000	.00000	858.00	.1729	.2053	.2084	55.35	9.572	.3654	547.5	.3766-02
43	.40000	.50000-01	859.00	.2833	.3363	.3414	55.31	15.67	.3658	548.2	.6170-02
43	.40000	.10000+00	860.00	.1574	.1869	.1897	55.34	8.713	.3655	547.7	.3429-02
43	.40000	.20000	861.00	.7558-01	.8966-01	.9101-01	55.55	4.198	.3632	544.2	.1645-02
43	.40000	.30000	862.00	.5583-01	.6620-01	.6720-01	55.68	3.109	.3617	542.0	.1215-02
43	.40000	.40000	863.00	.4269-01	.5061-01	.5137-01	55.76	2.381	.3608	540.7	.9289-03
43	.40000	.50000	864.00	.4135-01	.4901-01	.4974-01	55.86	2.310	.3598	539.1	.8995-03
43	.40000	.60000	865.00	.4401-01	.5217-01	.5295-01	55.79	2.455	.3605	540.3	.9575-03
43	.40000	.70000	866.00	.3864-01	.4580-01	.4649-01	55.78	2.155	.3606	540.4	.8406-03
43	.40000	.80000	867.00	.9728-02	.1153-01	.1170-01	55.84	.5432	.3599	539.4	.2116-03
43	.40000	.90000	868.00	.5847-02	.6932-02	.7036-02	55.74	.3259	.3611	541.1	.1272-03
43	.40000	.95000	869.00	.4164-02	.4938-02	.5013-02	55.64	.2317	.3621	542.7	.9063-04
43	.50000	.00000	871.00	.4914	.5832	.5921	55.42	27.23	.3646	546.4	.1070-01
43	.50000	.50000-01	872.00	.2632	.3124	.3172	55.38	14.58	.3651	547.1	.5732-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D16)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
43	.50000	.20000	874.00	.1519	.1803	.1830	55.53	8.437	.3634	544.5	.3308-02
43	.50000	.30000	875.00	.1672	.1983	.2013	55.62	9.298	.3624	543.0	.3638-02
43	.50000	.40000	876.00	.1748	.2072	.2103	55.77	9.747	.3608	540.6	.3803-02
43	.50000	.50000	877.00	.1906	.2259	.2293	55.84	10.64	.3600	539.4	.4146-02
43	.50000	.60000	878.00	.1438-01	.1704-01	.1730-01	55.75	.8015	.3610	540.9	.3128-03
42	.55000	.00000	879.00	.6829	.8099	.8222	58.13	39.70	.3623	567.2	.1529-01
42	.60000	.00000	880.00	.3899	.4623	.4693	58.15	22.67	.3621	566.9	.8728-02
42	.60000	.25000-01	881.00	.3969	.4708	.4779	58.08	23.05	.3628	568.1	.8887-02
42	.60000	.50000-01	882.00	.2657	.3152	.3199	58.08	15.43	.3628	568.1	.5949-02
42	.60000	.75000-01	883.00	.2184	.2590	.2630	58.12	12.69	.3624	567.5	.4890-02
42	.60000	.10000+00	884.00	.1553	.1841	.1869	58.16	9.030	.3619	566.7	.3476-02
42	.60000	.20000	885.00	.1666	.1974	.2004	58.29	9.709	.3606	564.6	.3728-02
42	.60000	.30000	886.00	.3120	.3697	.3753	58.41	18.23	.3593	562.6	.6981-02
42	.60000	.40000	887.00	.2970	.3518	.3571	58.54	17.39	.3580	560.5	.6644-02
42	.60000	.50000	888.00	.2768	.3278	.3327	58.61	16.22	.3572	559.3	.6190-02
42	.60000	.60000	889.00	.2427	.2873	.2916	58.64	14.23	.3569	558.8	.5427-02
42	.60000	.70000	890.00	.2117	.2506	.2544	58.73	12.43	.3560	557.4	.4734-02
42	.60000	.80000	891.00	.3560-01	.4213-01	.4276-01	58.83	2.094	.3549	555.7	.7958-03
42	.60000	.85000	892.00	.2429-01	.2876-01	.2918-01	58.71	1.426	.3561	557.6	.5431-03
42	.60000	.90000	893.00	.1532-01	.1814-01	.1842-01	58.56	.8970	.3578	560.2	.3426-03
42	.65000	.00000	895.00	.3060	.3628	.3682	58.29	17.84	.3606	564.6	.6849-02
42	.70000	.00000	896.00	.1836	.2176	.2208	58.38	10.72	.3597	563.2	.4108-02
42	.70000	.25000-01	897.00	.2309	.2737	.2779	58.26	13.45	.3610	565.2	.5168-02
42	.70000	.10000+00	898.00	.2889	.3425	.3477	58.23	16.82	.3612	565.5	.6466-02
42	.70000	.20000	899.00	.3383	.4010	.4070	58.31	19.72	.3604	564.3	.7570-02
42	.70000	.30000	900.00	.3153	.3737	.3793	58.40	18.41	.3595	562.9	.7056-02
42	.70000	.40000	901.00	.3035	.3594	.3648	58.56	17.77	.3578	560.2	.6787-02
42	.70000	.60000	902.00	.2487	.2945	.2989	58.68	14.60	.3565	558.2	.5562-02
42	.75000	.50000-01	906.00	.2600	.3083	.3130	58.17	15.12	.3619	566.6	.5821-02
42	.75000	.10000+00	907.00	.2339	.2774	.2816	58.17	13.61	.3619	566.7	.5236-02
42	.75000	.20000	908.00	.2549	.3022	.3067	58.27	14.85	.3608	565.0	.5705-02
42	.75000	.30000	909.00	.2784	.3299	.3348	58.37	16.25	.3597	563.2	.6229-02
42	.75000	.40000	910.00	.2720	.3222	.3270	58.55	15.93	.3579	560.4	.6084-02
42	.75000	.60000	911.00	.2509	.2971	.3015	58.64	14.71	.3570	558.9	.5610-02
42	.75000	.80000	912.00	.2983-01	.3531-01	.3584-01	58.73	1.752	.3560	557.4	.6669-03
42	.75000	.90000	913.00	.1546-01	.1832-01	.1859-01	58.50	.9048	.3583	561.1	.3459-03
42	.75000	.95000	914.00	.1301-01	.1542-01	.1565-01	58.44	.7605	.3590	562.1	.2911-03
42	.80000	.00000	915.00	.3165	.3754	.3811	58.13	18.40	.3623	567.2	.7087-02
42	.80000	.20000	916.00	.1454	.1724	.1750	58.18	8.458	.3617	566.4	.3254-02
42	.80000	.40000	917.00	.2233	.2645	.2685	58.48	13.06	.3586	561.4	.4995-02
42	.80000	.90000	918.00	.1680-01	.1990-01	.2019-01	58.56	.9837	.3577	560.1	.3757-03
42	.85000	.00000	919.00	.3684	.4368	.4434	58.20	21.44	.3616	566.1	.8247-02
42	.85000	.20000	920.00	.1099	.1303	.1323	58.25	6.404	.3610	565.3	.2461-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D16)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
42	.90000	.00000	922.00	.2226	.2638	.2678	58.39	13.00	.3596	563.0	.4981-02
42	.90000	.10000+00	923.00	.1525	.1808	.1836	58.25	8.886	.3610	565.3	.3414-02
42	.90000	.20000	924.00	.1168	.1385	.1405	58.24	6.801	.3612	565.5	.2614-02
42	.90000	.30000	925.00	.9781-01	.1160	.1177	58.22	5.695	.3613	565.7	.2189-02
42	.90000	.50000	926.00	.8934-01	.1059	.1074	58.43	5.221	.3591	562.2	.1999-02
42	.90000	.80000	927.00	.3539-01	.4192-01	.4255-01	58.56	2.073	.3577	560.1	.7916-03
42	.90000	.90000	928.00	.2374-01	.2813-01	.2855-01	58.46	1.388	.3588	561.8	.5311-03
42	.95000	.00000	929.00	.1251	.1483	.1505	58.32	7.297	.3603	564.1	.2800-02
42	.95000	.50000-01	930.00	.1590	.1885	.1913	58.23	9.257	.3612	565.6	.3558-02
42	.95000	.10000+00	931.00	.1392	.1650	.1675	58.21	8.102	.3615	566.0	.3116-02
42	.95000	.20000	932.00	.1205	.1428	.1450	58.17	7.007	.3618	566.5	.2697-02
42	.95000	.30000	933.00	.1043	.1237	.1255	58.23	6.074	.3612	565.6	.2335-02
42	.95000	.50000	934.00	.7595-01	.8998-01	.9133-01	58.49	4.442	.3585	561.4	.1699-02
42	.95000	.70000	935.00	.2467-01	.2922-01	.2966-01	58.58	1.445	.3576	559.8	.5518-03
42	.95000	.80000	936.00	.1958-01	.2320-01	.2354-01	58.44	1.144	.3590	562.1	.4380-03
42	.95000	.90000	937.00	.1376-01	.1630-01	.1655-01	58.35	.8027	.3600	563.6	.3078-03

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D17)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
44	7.320	.9681	239.8	1542.	380.6	.1091	.1750-01
45	7.320	.9280	240.2	1582.	391.2	.1075	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
44	.30000	.00000	845.00	.3418-01	.4037-01	.3951-01	31.65	1.082	.3475	551.2	.1465-02
44	.30000	.50000-01	846.00	.1202	.1420	.1390	31.64	3.804	.3478	551.7	.5156-02
44	.30000	.10000+00	847.00	.1093	.1291	.1263	31.69	3.465	.3468	550.0	.4686-02
44	.30000	.20000	848.00	.9184-01	.1084	.1061	31.71	2.912	.3464	549.4	.3937-02
44	.30000	.40000	850.00	.5937-01	.7009-01	.6861-01	31.72	1.883	.3462	549.1	.2545-02
44	.30000	.50000	851.00	.4739-01	.5594-01	.5476-01	31.74	1.504	.3459	548.6	.2031-02
44	.30000	.60000	852.00	.4405-01	.5200-01	.5089-01	31.73	1.398	.3460	548.8	.1888-02
44	.30000	.70000	853.00	.4148-01	.4897-01	.4793-01	31.75	1.317	.3457	548.3	.1778-02
44	.30000	.80000	854.00	.3745-01	.4421-01	.4327-01	31.73	1.189	.3459	548.6	.1605-02
44	.30000	.95000	856.00	.1737-01	.2050-01	.2006-01	31.75	.5514	.3456	548.1	.7442-03
45	.35000	.00000	857.00	.8881-01	.1046	.1025	33.02	2.933	.3391	552.9	.3864-02
44	.40000	.00000	858.00	.1633	.1929	.1888	31.62	5.163	.3482	552.3	.7002-02
44	.40000	.50000-01	859.00	.3015	.3562	.3486	31.61	9.532	.3483	552.5	.1293-01
44	.40000	.10000+00	860.00	.1935	.2286	.2237	31.62	6.119	.3481	552.2	.8298-02
44	.40000	.20000	861.00	.1102	.1301	.1273	31.67	3.489	.3472	550.6	.4722-02
44	.40000	.30000	862.00	.8947-01	.1056	.1034	31.71	2.837	.3464	549.5	.3835-02
44	.40000	.40000	863.00	.7248-01	.8557-01	.8375-01	31.73	2.299	.3461	548.9	.3107-02
44	.40000	.50000	864.00	.7035-01	.8304-01	.8128-01	31.75	2.233	.3457	548.3	.3015-02
44	.40000	.60000	865 00	.7020-01	.8287-01	.8111-01	31.72	2.227	.3461	549.0	.3009-02
44	.40000	.70000	866.00	.5876-01	.6937-01	.6790-01	31.73	1.865	.3460	548.8	.2519-02
44	.40000	.80000	867.00	.1979-01	.2336-01	.2287-01	31.74	.6281	.3459	548.6	.8482-03
44	.40000	.90000	868.00	.1350-01	.1594-01	.1560-01	31.71	.4282	.3465	549.5	.5788-03
44	.40000	.95000	869.00	.1006-01	.1188-01	.1162-01	31.67	.3185	.3471	550.5	.4311-03
44	.50000	.00000	871.00	.4961	.5860	.5735	31.63	15.70	.3479	551.8	.2127-01
44	.50000	.50000-01	872.00	.3025	.3573	.3497	31.63	9.570	.3480	551.9	.1297-01

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D17)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
44	.50000	.20000	874.00	.1198	.1415	.1385	31.65	3.793	.3475	551.1	.5137-02
44	.50000	.30000	875.00	.9766-01	.1153	.1129	31.69	3.095	.3468	550.1	.4187-02
44	.50000	.40000	876.00	.8275-01	.9769-01	.9562-01	31.71	2.624	.3463	549.3	.3547-02
44	.50000	.50000	877.00	.6090-01	.7189-01	.7037-01	31.73	1.933	.3460	548.7	.2610-02
44	.50000	.60000	878.00	.1160-01	.1370-01	.1341-01	31.70	.3678	.3465	549.6	.4973-03
45	.55000	.00000	879.00	.6710	.7907	.7741	32.99	22.14	.3396	553.7	.2920-01
45	.60000	.00000	880.00	.5312	.6259	.6128	33.01	17.54	.3392	553.0	.2311-01
45	.60000	.25000-01	881.00	.5013	.5907	.5783	33.00	16.54	.3395	553.5	.2181-01
45	.60000	.50000-01	882.00	.3026	.3565	.3491	33.00	9.983	.3396	553.6	.1316-01
45	.60000	.75000-01	883.00	.2532	.2983	.2921	33.00	8.355	.3394	553.4	.1102-01
45	.60000	.10000+00	884.00	.1945	.2292	.2244	33.01	6.423	.3392	553.0	.8464-02
45	.60000	.20000	885.00	.1286	.1516	.1484	33.04	4.250	.3388	552.3	.5597-02
45	.60000	.30000	886.00	.1206	.1421	.1391	33.08	3.989	.3380	551.1	.5246-02
45	.60000	.40000	887.00	.1067	.1257	.1230	33.12	3.534	.3372	549.8	.4640-02
45	.60000	.50000	888.00	.1007	.1186	.1161	33.14	3.336	.3369	549.2	.4378-02
45	.60000	.60000	889.00	.8604-01	.1013	.9920-01	33.16	2.853	.3365	548.6	.3741-02
45	.60000	.70000	890.00	.7334-01	.8635-01	.8455-01	33.18	2.434	.3360	547.8	.3189-02
45	.60000	.80000	891.00	.2272-01	.2675-01	.2619-01	33.22	.7547	.3353	546.7	.9878-03
45	.60000	.85000	892.00	.1959-01	.2307-01	.2259-01	33.19	.6502	.3359	547.6	.8519-03
45	.60000	.90000	893.00	.1425-01	.1677-01	.1642-01	33.14	.4721	.3369	549.1	.6195-03
45	.65000	.00000	895.00	.3030	.3570	.3495	33.04	10.01	.3387	552.2	.1318-01
45	.70000	.00000	896.00	.1543	.1817	.1779	33.07	5.101	.3382	551.4	.6711-02
45	.70000	.25000-01	897.00	.1988	.2343	.2294	33.04	6.569	.3387	552.3	.8650-02
45	.70000	.10000+00	898.00	.1857	.2188	.2142	33.03	6.134	.3389	552.5	.8079-02
45	.70000	.20000	899.00	.1510	.1779	.1742	33.04	4.991	.3386	552.1	.6570-02
45	.70000	.30000	900.00	.1192	.1404	.1375	33.07	3.942	.3382	551.4	.5186-02
45	.70000	.40000	901.00	.1040	.1225	.1199	33.12	3.445	.3371	549.6	.4523-02
45	.70000	.60000	902.00	.9141-01	.1076	.1054	33.17	3.032	.3362	548.1	.3975-02
45	.70000	.90000	903.00	.1491-01	.1756-01	.1719-01	33.14	.4941	.3368	549.0	.6483-03
45	.75000	.50000-01	906.00	.2473	.2914	.2853	33.01	8.163	.3393	553.2	.1076-01
45	.75000	.10000+00	907.00	.1953	.2301	.2253	33.01	6.445	.3393	553.2	.8495-02
45	.75000	.20000	908.00	.1293	.1523	.1491	33.04	4.271	.3387	552.2	.5623-02
45	.75000	.30000	909.00	.1147	.1351	.1323	33.06	3.791	.3383	551.6	.4988-02
45	.75000	.40000	910.00	.1033	.1216	.1191	33.12	3.421	.3371	549.6	.4491-02
45	.75000	.60000	911.00	.8859-01	.1043	.1021	33.16	2.938	.3363	548.3	.3852-02
45	.75000	.80000	912.00	.2219-01	.2612-01	.2558-01	33.20	.7366	.3357	547.3	.9647-03
45	.75000	.90000	913.00	.1592-01	.1875-01	.1836-01	33.13	.5276	.3370	549.5	.6926-03
45	.75000	.95000	914.00	.1285-01	.1513-01	.1482-01	33.11	.4253	.3374	550.1	.5588-03
45	.80000	.00000	915.00	.2817	.3319	.3250	32.99	9.294	.3396	553.6	.1226-01
45	.80000	.20000	916.00	.1293	.1524	.1492	33.01	4.270	.3392	553.0	.5628-02
45	.80000	.40000	917.00	.9835-01	.1158	.1134	33.11	3.256	.3373	550.0	.4277-02
45	.80000	.90000	918.00	.1736-01	.2044-01	.2001-01	33.15	.5755	.3366	548.7	.7549-03
45	.85000	.00000	919.00	.3422	.4032	.3947	33.02	11.30	.3391	552.8	.1489-01

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D17)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
45	.85000	.20000	920.00	.1308	.1541	.1509	33.04	4.324	.3386	552.1	.5692-02
45	.90000	.00000	922.00	.1989	.2342	.2293	33.07	6.577	.3381	551.2	.8650-02
45	.90000	.10000+00	923.00	.1799	.2120	.2076	33.04	5.945	.3387	552.2	.7828-02
45	.90000	.20000	924.00	.1514	.1783	.1746	33.04	5.002	.3387	552.2	.6585-02
45	.90000	.30000	925.00	.1264	.1489	.1458	33.03	4.176	.3388	552.4	.5499-02
45	.90000	.50000	926.00	.2055	.2420	.2369	33.11	6.804	.3373	550.0	.8936-02
45	.90000	.80000	927.00	.3376-01	.3975-01	.3892-01	33.14	1.119	.3368	549.0	.1468-02
45	.90000	.90000	928.00	.2275-01	.2680-01	.2624-01	33.11	.7534	.3373	549.9	.9895-03
45	.95000	.00000	929.00	.1014	.1194	.1169	33.05	3.351	.3385	551.9	.4410-02
45	.95000	.50000-01	930.00	.1473	.1735	.1699	33.03	4.864	.3389	552.5	.6406-02
45	.95000	.10000+00	931.00	.1485	.1750	.1713	33.02	4.904	.3391	552.8	.6461-02
45	.95000	.20000	932.00	.1495	.1761	.1724	33.02	4.934	.3392	553.0	.6502-02
45	.95000	.30000	933.00	.1391	.1639	.1605	33.04	4.598	.3386	552.1	.6053-02
45	.95000	.50000	934.00	.1160	.1367	.1338	33.11	3.842	.3374	550.1	.5047-02
45	.95000	.70000	935.00	.5743-01	.6762-01	.6621-01	33.15	1.904	.3366	548.7	.2497-02
45	.95000	.80000	936.00	.4470-01	.5264-01	.5154-01	33.10	1.480	.3375	550.3	.1944-02
45	.95000	.90000	937.00	.3100-01	.3651-01	.3575-01	33.07	1.025	.3380	551.1	.1348-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D18)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
48	7.320	3.537	872.9	1539.	379.8	.3979	.1750-01
49	7.320	3.464	873.5	1559.	384.9	.3949	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
49	.30000	.00000	845.00	.3261-01	.3859-01	.3776-01	60.38	1.969	.3551	569.6	.7388-03
49	.30000	.50000-01	846.00	.1116	.1321	.1293	60.28	6.728	.3561	571.1	.2529-02
49	.30000	.10000+00	847.00	.1013	.1198	.1172	60.52	6.130	.3537	567.3	.2294-02
49	.30000	.20000	848.00	.8867-01	.1049	.1026	60.54	5.368	.3535	567.0	.2008-02
49	.30000	.40000	850.00	.6042-01	.7145-01	.6992-01	60.63	3.663	.3525	565.5	.1368-02
49	.30000	.50000	851.00	.6367-01	.7528-01	.7367-01	60.71	3.866	.3517	564.1	.1442-02
49	.30000	.60000	852.00	.8833-01	.1044	.1022	60.75	5.366	.3513	563.5	.2000-02
49	.30000	.70000	853.00	.1261	.1491	.1459	60.77	7.664	.3511	563.2	.2855-02
49	.30000	.80000	854.00	.1616	.1910	.1869	60.68	9.802	.3521	564.7	.3658-02
49	.30000	.95000	856.00	.2796-01	.3306-01	.3235-01	60.72	1.697	.3516	564.1	.6330-03
48	.35000	.00000	857.00	.8583-01	.1015	.9936-01	59.68	5.122	.3537	559.8	.1929-02
49	.40000	.00000	858.00	.1568	.1857	.1817	60.21	9.444	.3568	572.4	.3555-02
49	.40000	.50000-01	859.00	.2939	.3481	.3406	60.12	17.67	.3577	573.8	.6664-02
49	.40000	.10000+00	860.00	.1939	.2297	.2247	60.14	11.66	.3575	573.5	.4396-02
49	.40000	.20000	861.00	.1127	.1334	.1305	60.35	6.803	.3553	570.0	.2554-02
49	.40000	.30000	862.00	.9750-01	.1153	.1129	60.57	5.905	.3532	566.5	.2208-02
49	.40000	.40000	863.00	.8618-01	.1019	.9972-01	60.66	5.227	.3522	565.0	.1951-02
49	.40000	.50000	864.00	.1132	.1338	.1309	60.80	6.881	.3507	562.6	.2562-02
49	.40000	.60000	865.00	.1302	.1540	.1507	60.66	7.899	.3522	565.0	.2949-02
49	.40000	.70000	866.00	.1228	.1452	.1421	60.67	7.449	.3521	564.9	.2780-02
49	.40000	.80000	867.00	.3855-01	.4558-01	.4461-01	60.69	2.339	.3519	564.6	.8729-03
49	.40000	.90000	868.00	.2488-01	.2944-01	.2880-01	60.47	1.505	.3541	568.0	.5636-03
49	.40000	.95000	869.00	.1836-01	.2173-01	.2126-01	60.35	1.108	.3554	570.0	.4160-03
49	.50000	.00000	871.00	.4781	.5661	.5539	60.25	28.81	.3564	571.6	.1084-01
49	.50000	.50000-01	872.00	.3104	.3676	.3597	60.17	18.68	.3573	573.1	.7037-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D18)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
49	.50000	.20000	874.00	.1276	.1511	.1478	60.26	7.691	.3563	571.5	.2893-02
49	.50000	.30000	875.00	.1054	.1248	.1221	60.41	6.368	.3548	569.2	.2388-02
49	.50000	.40000	876.00	.9775-01	.1156	.1131	60.62	5.926	.3526	565.6	.2214-02
49	.50000	.50000	877.00	.9432-01	.1115	.1091	60.75	5.730	.3513	563.6	.2136-02
49	.50000	.60000	878.00	.1742-01	.2061-01	.2017-01	60.50	1.054	.3538	567.6	.3947-03
48	.55000	.00000	879.00	.6460	.7646	.7481	59.51	38.44	.3555	562.6	.1452-01
48	.60000	.00000	880.00	.5605	.6634	.6491	59.52	33.36	.3553	562.4	.1260-01
48	.60000	.25000-01	881.00	.5363	.6349	.6212	59.43	31.87	.3562	563.8	.1206-01
48	.60000	.50000-01	882.00	.3322	.3933	.3848	59.41	19.74	.3565	564.2	.7469-02
48	.60000	.75000-01	883.00	.2766	.3275	.3205	59.43	16.44	.3563	563.9	.6220-02
48	.60000	.10000+00	884.00	.2150	.2545	.2490	59.46	12.78	.3560	563.5	.4833-02
48	.60000	.20000	885.00	.1520	.1799	.1760	59.54	9.051	.3552	562.2	.3417-02
48	.60000	.30000	886.00	.1468	.1737	.1699	59.66	8.757	.3539	560.2	.3299-02
48	.60000	.40000	887.00	.1407	.1664	.1629	59.80	8.416	.3524	557.7	.3161-02
48	.60000	.50000	888.00	.1730	.2046	.2002	59.87	10.36	.3517	556.7	.3886-02
48	.60000	.60000	889.00	.2080	.2460	.2407	59.88	12.46	.3516	556.5	.4672-02
48	.60000	.70000	890.00	.2035	.2406	.2354	59.95	12.20	.3508	555.3	.4570-02
48	.60000	.80000	891.00	.4461-01	.5273-01	.5160-01	60.03	2.678	.3501	554.1	.1002-02
48	.60000	.85000	892.00	.3454-01	.4084-01	.3996-01	59.87	2.068	.3517	556.6	.7757-03
48	.60000	.90000	893.00	.2354-01	.2785-01	.2725-01	59.69	1.405	.3536	559.7	.5290-03
48	.65000	.00000	895.00	.2978	.3524	.3448	59.64	17.76	.3541	560.4	.6692-02
48	.70000	.00000	896.00	.1602	.1895	.1855	59.71	9.567	.3534	559.3	.3600-02
48	.70000	.25000-01	897.00	.2090	.2473	.2420	59.57	12.45	.3548	561.5	.4697-02
48	.70000	.10000+00	898.00	.1985	.2350	.2299	59.51	11.81	.3554	562.5	.4462-02
48	.70000	.20000	899.00	.1680	.1989	.1946	59.54	10.01	.3551	562.0	.3777-02
48	.70000	.30000	900.00	.1366	.1616	.1582	59.61	8.143	.3544	560.9	.3070-02
48	.70000	.40000	901.00	.1551	.1834	.1795	59.78	9.272	.3526	558.1	.3484-02
48	.70000	.60000	902.00	.2621	.3099	.3033	59.89	15.70	.3515	556.4	.5887-02
48	.70000	.90000	903.00	.2104-01	.2488-01	.2435-01	59.83	1.259	.3521	557.3	.4726-03
48	.75000	.00000	904.00	.1578	.1867	.1827	59.59	9.401	.3546	561.3	.3546-02
48	.75000	.50000-01	906.00	.3162	.3743	.3662	59.47	18.80	.3558	563.2	.7108-02
48	.75000	.10000+00	907.00	.2613	.3094	.3027	59.45	15.54	.3561	563.6	.5876-02
48	.75000	.20000	908.00	.1544	.1827	.1788	59.51	9.186	.3554	562.6	.3470-02
48	.75000	.30000	909.00	.1288	.1524	.1491	59.58	7.674	.3547	561.5	.2895-02
48	.75000	.40000	910.00	.1235	.1460	.1429	59.76	7.378	.3528	558.4	.2774-02
48	.75000	.60000	911.00	.2473	.2925	.2862	59.82	14.80	.3522	557.4	.5556-02
48	.75000	.80000	912.00	.4915-01	.5811-01	.5687-01	59.88	2.943	.3516	556.5	.1104-02
48	.75000	.90000	913.00	.2910-01	.3444-01	.3369-01	59.61	1.735	.3544	561.0	.6540-03
48	.75000	.95000	914.00	.2266-01	.2682-01	.2624-01	59.53	1.349	.3552	562.2	.5093-03
48	.80000	.00000	915.00	.3525	.4173	.4083	59.45	20.96	.3560	563.5	.7925-02
48	.80000	.20000	916.00	.3908	.4627	.4527	59.42	23.22	.3564	564.1	.8787-02
48	.80000	.40000	917.00	.1321	.1563	.1529	59.66	7.882	.3538	560.1	.2969-02
48	.80000	.90000	918.00	.3259-01	.3856-01	.3773-01	59.64	1.944	.3540	560.4	.7324-03

ARC 3.5-199 OH26 (01) WING LOWER SURFACE

(RE2D18)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
48	.85000	.00000	919.00	.3877	.4590	.4491	59.50	23.07	.3555	562.7	.8716-02
48	.85000	.20000	920.00	.4519	.5349	.5234	59.47	26.87	.3559	563.3	.1016-01
48	.90000	.00000	922.00	.2065	.2443	.2390	59.65	12.32	.3540	560.2	.4640-02
48	.90000	.10000+00	923.00	.3276	.3878	.3795	59.50	19.49	.3556	562.8	.7365-02
48	.90000	.20000	924.00	.4208	.4981	.4874	59.45	25.01	.3560	563.6	.9459-02
48	.90000	.30000	925.00	.4108	.4863	.4758	59.42	24.41	.3564	564.1	.9236-02
48	.90000	.50000	926.00	.4239	.5016	.4908	59.60	25.26	.3545	561.1	.9527-02
48	.90000	.80000	927.00	.6610-01	.7820-01	.7652-01	59.64	3.942	.3540	560.4	.1485-02
48	.90000	.90000	928.00	.4489-01	.5313-01	.5198-01	59.53	2.672	.3552	562.2	.1009-02
48	.95000	.00000	929.00	.1075	.1272	.1245	59.56	6.403	.3549	561.8	.2416-02
48	.95000	.50000-01	930.00	.1868	.2212	.2164	59.47	11.11	.3558	563.2	.4201-02
48	.95000	.10000+00	931.00	.2485	.2942	.2878	59.43	14.77	.3563	563.9	.5587-02
48	.95000	.20000	932.00	.3382	.4005	.3918	59.37	20.08	.3568	564.8	.7605-02
48	.95000	.30000	933.00	.3631	.4299	.4206	59.43	21.58	.3563	563.9	.8163-02
48	.95000	.50000	934.00	.2860	.3384	.3311	59.64	17.05	.3541	560.5	.6427-02
48	.95000	.70000	935.00	.7786-01	.9211-01	.9013-01	59.69	4.648	.3536	559.6	.1750-02
48	.95000	.80000	936.00	.5974-01	.7070-01	.6918-01	59.52	3.556	.3553	562.4	.1343-02
48	.95000	.90000	937.00	.4031-01	.4773-01	.4670-01	59.41	2.395	.3565	564.3	.9063-03

ARC 3.5-199 OH26 (01) WING LOWER SURFACE

(RE2D19)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -30.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
54	7.320	3.659	874.8	1511.	372.3	.4035	.1750-01
55	7.320	3.697	875.1	1502.	370.0	.4052	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
55	.30000	.00000	845.00	.3205-01	.3798-01	.3715-01	57.65	1.848	.3593	553.9	.7085-03
55	.30000	.50000-01	846.00	.1088	.1289	.1261	57.56	6.262	.3602	555.4	.2405-02
55	.30000	.10000+00	847.00	.1001	.1186	.1160	57.76	5.782	.3582	552.2	.2212-02
55	.30000	.20000	848.00	.8812-01	.1044	.1021	57.76	5.089	.3581	552.2	.1947-02
55	.30000	.40000	850.00	.6005-01	.7112-01	.6958-01	57.81	3.471	.3576	551.4	.1327-02
55	.30000	.50000	851.00	.6606-01	.7822-01	.7653-01	57.86	3.822	.3570	550.4	.1459-02
55	.30000	.60000	852.00	.9733-01	.1153	.1128	57.86	5.632	.3570	550.5	.2150-02
55	.30000	.70000	853.00	.1456	.1724	.1687	57.89	8.432	.3567	550.0	.3218-02
55	.30000	.80000	854.00	.1818	.2153	.2107	57.83	10.51	.3574	551.0	.4018-02
55	.30000	.95000	856.00	.1859-01	.2201-01	.2154-01	57.94	1.077	.3562	549.3	.4107-03
54	.35000	.00000	857.00	.8735-01	.1033	.1011	58.77	5.134	.3512	544.9	.1935-02
55	.40000	.00000	858.00	.1549	.1836	.1796	57.49	8.902	.3610	556.6	.3424-02
55	.40000	.50000-01	859.00	.2910	.3450	.3375	57.44	16.72	.3615	557.4	.6436-02
55	.40000	.10000+00	860.00	.1903	.2256	.2207	57.46	10.93	.3613	557.1	.4208-02
55	.40000	.20000	861.00	.1123	.1331	.1302	57.64	6.473	.3594	554.1	.2482-02
55	.40000	.30000	862.00	.9739-01	.1154	.1129	57.77	5.626	.3580	552.0	.2152-02
55	.40000	.40000	863.00	.8869-01	.1050	.1028	57.82	5.128	.3575	551.1	.1960-02
55	.40000	.50000	864.00	.1289	.1527	.1494	57.92	7.468	.3564	549.5	.2848-02
55	.40000	.60000	865.00	.1507	.1785	.1746	57.84	8.716	.3573	550.9	.3330-02
55	.40000	.70000	866.00	.1442	.1708	.1671	57.84	8.341	.3573	550.9	.3186-02
55	.40000	.80000	867.00	.1912-01	.2264-01	.2215-01	57.89	1.107	.3567	549.9	.4224-03
55	.40000	.90000	868.00	.1101-01	.1305-01	.1277-01	57.74	.6360	.3583	552.4	.2434-03
55	.40000	.95000	869.00	.7330-02	.8686-02	.8497-02	57.66	.4226	.3592	553.8	.1620-03
55	.50000	.00000	871.00	.4793	.5681	.5557	57.56	27.59	.3602	555.4	.1060-01
55	.50000	.50000-01	872.00	.3079	.3649	.3570	57.51	17.70	.3608	556.2	.6807-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE

(RE2D19)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
55	.50000	.20000	874.00	.1288	.1527	.1494	57.62	7.424	.3596	554.5	.2848-02
55	.50000	.30000	875.00	.1099	.1303	.1274	57.70	6.344	.3587	553.1	.2430-02
55	.50000	.40000	876.00	.1019	.1207	.1181	57.83	5.894	.3574	551.0	.2252-02
55	.50000	.50000	877.00	.1065	.1261	.1234	57.90	6.165	.3567	549.9	.2353-02
55	.50000	.60000	878.00	.6589-02	.7804-02	.7635-02	57.80	.3808	.3577	551.5	.1456-03
54	.55000	.00000	879.00	.6667	.7888	.7719	58.50	39.01	.3540	549.2	.1478-01
54	.60000	.00000	880.00	.5450	.6448	.6310	58.49	31.88	.3542	549.5	.1208-01
54	.60000	.25000-01	881.00	.5182	.6133	.6001	58.40	30.27	.3551	550.9	.1149-01
54	.60000	.50000-01	882.00	.3257	.3854	.3771	58.38	19.01	.3553	551.2	.7222-02
54	.60000	.75000-01	883.00	.2725	.3224	.3155	58.41	15.91	.3550	550.8	.6042-02
54	.60000	.10000+00	884.00	.2124	.2513	.2459	58.43	12.41	.3548	550.4	.4709-02
54	.60000	.20000	885.00	.1509	.1785	.1747	58.50	8.827	.3540	549.2	.3345-02
54	.60000	.30000	886.00	.1764	.2086	.2042	58.60	10.34	.3530	547.7	.3910-02
54	.60000	.40000	887.00	.2346	.2774	.2714	58.71	13.77	.3518	545.8	.5198-02
54	.60000	.50000	888.00	.2056	.2430	.2378	58.75	12.08	.3514	545.2	.4555-02
54	.60000	.60000	889.00	.1793	.2120	.2074	58.75	10.53	.3514	545.2	.3972-02
54	.60000	.70000	890.00	.1664	.1967	.1925	58.79	9.785	.3510	544.5	.3687-02
54	.60000	.80000	891.00	.1218-01	.1439-01	.1408-01	58.85	.7166	.3503	543.5	.2697-03
54	.60000	.85000	892.00	.8705-02	.1029-01	.1007-01	58.71	.5111	.3518	545.8	.1929-03
54	.60000	.90000	893.00	.5123-02	.6062-02	.5931-02	58.52	.2998	.3538	548.9	.1136-03
54	.60000	.95000	894.00	.3434-02	.4064-02	.3977-02	58.40	.2006	.3551	550.9	.7615-04
54	.65000	.00000	895.00	.3063	.3624	.3546	58.58	17.95	.3532	548.0	.6791-02
54	.70000	.00000	896.00	.1625	.1922	.1881	58.62	9.529	.3527	547.3	.3603-02
54	.70000	.25000-01	897.00	.2091	.2474	.2421	58.49	12.23	.3542	549.5	.4636-02
54	.70000	.10000+00	898.00	.1990	.2355	.2304	58.43	11.63	.3548	550.4	.4412-02
54	.70000	.20000	899.00	.1708	.2021	.1978	58.45	9.983	.3545	550.1	.3787-02
54	.70000	.30000	900.00	.1408	.1666	.1630	58.51	8.238	.3539	549.1	.3121-02
54	.70000	.40000	901.00	.1557	.1842	.1802	58.63	9.130	.3526	547.1	.3451-02
54	.70000	.60000	902.00	.2868	.3391	.3318	58.71	16.84	.3518	545.8	.6355-02
54	.75000	.00000	904.00	.1859	.2200	.2153	58.46	10.87	.3545	549.9	.4123-02
54	.75000	.25000-01	905.00	.3736	.4422	.4326	58.40	21.82	.3551	550.9	.8285-02
54	.75000	.50000-01	906.00	.3441	.4073	.3986	58.35	20.08	.3556	551.7	.7632-02
54	.75000	.10000+00	907.00	.2822	.3341	.3269	58.32	16.46	.3559	552.2	.6259-02
54	.75000	.20000	908.00	.1598	.1891	.1850	58.38	9.327	.3553	551.3	.3543-02
54	.75000	.30000	909.00	.1319	.1561	.1527	58.45	7.709	.3545	550.1	.2924-02
54	.75000	.40000	910.00	.1293	.1529	.1497	58.61	7.579	.3528	547.4	.2866-02
54	.75000	.60000	911.00	.2751	.3253	.3184	58.64	16.13	.3526	547.0	.6097-02
54	.75000	.80000	912.00	.2916-02	.3448-02	.3374-02	58.65	.1710	.3524	546.8	.6462-04
54	.75000	.90000	913.00	.7473-02	.8844-02	.8653-02	58.42	.4365	.3549	550.7	.1657-03
54	.75000	.95000	914.00	.8723-02	.1033-01	.1010-01	58.34	.5089	.3557	551.9	.1935-03
54	.80000	.00000	915.00	.3599	.4261	.4169	58.31	20.99	.3561	552.4	.7983-02
54	.80000	.20000	916.00	.4277	.5065	.4955	58.26	24.92	.3566	553.2	.9488-02
54	.80000	.40000	917.00	.1396	.1652	.1616	58.44	8.158	.3547	550.2	.3095-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D19)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
54	.80000	.90000	918.00	.8572-02	.1014-01	.9926-02	58.40	.5005	.3551	551.0	.1901-03
54	.85000	.00000	919.00	.3892	.4609	.4509	58.27	22.68	.3565	553.1	.8634-02
54	.85000	.20000	920.00	.4375	.5181	.5069	58.23	25.48	.3569	553.7	.9707-02
54	.90000	.00000	922.00	.2081	.2463	.2410	58.38	12.15	.3553	551.2	.4615-02
54	.90000	.10000+00	923.00	.3241	.3837	.3754	58.24	18.87	.3568	553.6	.7189-02
54	.90000	.20000	924.00	.4166	.4934	.4828	58.17	24.24	.3575	554.6	.9244-02
54	.90000	.30000	925.00	.4015	.4755	.4652	58.15	23.35	.3577	555.0	.8908-02
54	.90000	.50000	926.00	.4117	.4874	.4769	58.30	24.00	.3562	552.6	.9131-02
54	.90000	.80000	927.00	.2148-01	.2542-01	.2488-01	58.38	1.254	.3553	551.2	.4764-03
54	.90000	.90000	928.00	.1203-01	.1424-01	.1393-01	58.26	.7008	.3566	553.2	.2668-03
54	.95000	.00000	929.00	.1059	.1254	.1227	58.28	6.171	.3564	553.0	.2349-02
54	.95000	.50000-01	930.00	.1843	.2183	.2135	58.18	10.72	.3574	554.5	.4089-02
54	.95000	.10000+00	931.00	.2462	.2917	.2853	58.13	14.31	.3580	555.4	.5464-02
54	.95000	.20000	932.00	.3356	.3975	.3889	58.09	19.49	.3584	556.1	.7447-02
54	.95000	.30000	933.00	.3604	.4269	.4177	58.12	20.95	.3580	555.5	.7998-02
54	.95000	.50000	934.00	.2815	.3332	.3260	58.33	16.42	.3559	552.1	.6243-02
54	.95000	.70000	935.00	.3374-01	.3993-01	.3907-01	58.38	1.970	.3553	551.3	.7482-03
54	.95000	.80000	936.00	.2225-01	.2635-01	.2578-01	58.24	1.296	.3568	553.6	.4937-03
54	.95000	.90000	937.00	.1494-01	.1769-01	.1731-01	58.13	.8684	.3579	555.3	.3314-03

ARC 3.5-199 OH26 (01) WING LOWER SURFACE (RE2D20)

WING LOWER SURFACE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 15.00 BDFLAP = 15.00
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
56	7.320	6.729	1643.	1529.	377.2	.7518	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
56	.30000	.00000	845.00	.3054-01	.3623-01	.3678-01	80.00	2.443	.3635	571.4	.4992-03
56	.30000	.50000-01	846.00	.9411-01	.1117	.1134	79.75	7.505	.3654	574.4	.1539-02
56	.30000	.10000+00	847.00	.8392-01	.9949-01	.1010	80.30	6.738	.3612	567.8	.1371-02
56	.30000	.20000	848.00	.7079-01	.8391-01	.8518-01	80.37	5.689	.3607	566.9	.1156-02
56	.30000	.40000	850.00	.4366-01	.5173-01	.5251-01	80.60	3.519	.3589	564.2	.7130-03
56	.30000	.50000	851.00	.5675-01	.6720-01	.6821-01	80.86	4.589	.3569	561.1	.9263-03
56	.30000	.60000	852.00	.1109	.1313	.1332	80.93	8.974	.3564	560.2	.1810-02
56	.30000	.70000	853.00	.1716	.2031	.2061	81.01	13.90	.3558	559.3	.2800-02
56	.30000	.80000	854.00	.1867	.2211	.2245	80.84	15.10	.3571	561.4	.3048-02
56	.30000	.95000	856.00	.2008	.2383	.2419	79.80	16.02	.3651	573.8	.3283-02
56	.40000	.00000	858.00	.1875	.2235	.2270	77.90	14.60	.3796	596.7	.3076-02
56	.40000	.50000-01	859.00	.2959	.3516	.3570	79.29	23.46	.3689	579.9	.4842-02
56	.40000	.10000+00	860.00	.1689	.2007	.2037	79.34	13.40	.3685	579.3	.2764-02
56	.40000	.20000	861.00	.8145-01	.9665-01	.9811-01	79.91	6.508	.3642	572.5	.1331-02
56	.40000	.30000	862.00	.6141-01	.7279-01	.7389-01	80.39	4.937	.3605	566.7	.1003-02
56	.40000	.40000	863.00	.5295-01	.6272-01	.6366-01	80.69	4.272	.3582	563.1	.8644-03
56	.40000	.50000	864.00	.1499	.1774	.1801	81.05	12.15	.3555	558.8	.2446-02
56	.40000	.60000	865.00	.2005	.2374	.2410	80.79	16.19	.3575	561.9	.3272-02
56	.40000	.70000	866.00	.1811	.2145	.2177	80.83	14.64	.3572	561.4	.2956-02
56	.40000	.80000	867.00	.4705	.5575	.5659	80.55	37.90	.3593	564.8	.7683-02
56	.40000	.90000	868.00	.3734	.4430	.4497	79.99	29.86	.3636	571.5	.6103-02
56	.40000	.95000	869.00	.3308	.3928	.3988	79.62	26.34	.3664	576.0	.5411-02
56	.50000	.00000	871.00	.5242	.6225	.6320	79.55	41.69	.3670	576.9	.8574-02
56	.50000	.50000-01	872.00	.3226	.3833	.3892	79.38	25.61	.3683	578.9	.5279-02
56	.50000	.20000	874.00	.4248	.5044	.5120	79.67	33.84	.3660	575.3	.6948-02
56	.50000	.30000	875.00	.3627	.4303	.4368	80.04	29.03	.3632	570.9	.5928-02

ARC 3.5-199 OH26 (01) WING LOWER SURFACE

(RE2D20)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
56	.50000	.40000	876.00	.3144	.3725	.3781	80.60	25.34	.3590	564.2	.5134-02
56	.50000	.50000	877.00	.2674	.3166	.3213	80.92	21.63	.3565	560.4	.4363-02
56	.50000	.60000	878.00	.4009	.4754	.4826	80.19	32.15	.3620	569.1	.6550-02

ARC 3.5-199 OH26 (01) WING TOP SURFACE (RE2E01)

WING TOP SURFACE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
4	.25000	.85000-01	938.00	.1422-02	.1684-02	.1648-02	29.89	.4250-01	.3578	541.3	.5889-04
4	.25000	.13500	939.00	.1448-02	.1715-02	.1678-02	29.89	.4330-01	.3576	541.0	.5998-04
4	.40000	.50000-01	941.00	.9776-02	.1158-01	.1133-01	29.83	.2916	.3590	543.1	.4050-03
4	.40000	.20000	942.00	.2907-02	.3443-02	.3369-02	29.89	.8689-01	.3578	541.2	.1204-03
4	.40000	.60000	944.00	.4152-03	.4916-03	.4809-03	29.95	.1244-01	.3564	539.2	.1719-04
4	.40000	.95000	945.00	.1002-03	.1187-03	.1161-03	29.92	.2999-02	.3570	540.1	.4150-05
4	.60000	.50000-01	947.00	.1161	.1376	.1346	29.78	3.458	.3599	544.5	.4811-02
4	.60000	.10000+00	948.00	.4887-01	.5790-01	.5664-01	29.83	1.458	.3588	542.9	.2024-02
4	.60000	.20000	949.00	.1531-01	.1814-01	.1774-01	29.91	.4581	.3572	540.4	.6341-03
4	.60000	.40000	950.00	.1915-02	.2267-02	.2218-02	29.98	.5742-01	.3558	538.3	.7927-04
4	.60000	.85000	952.00	.1836-02	.2174-02	.2127-02	29.96	.5502-01	.3562	538.8	.7601-04
4	.60000	.95000	953.00	.2242-02	.2656-02	.2598-02	29.87	.6698-01	.3581	541.7	.9285-04
4	.70000	.20000	954.00	.1441-01	.1706-01	.1669-01	29.91	.4310	.3573	540.5	.5966-03
4	.70000	.40000	955.00	.3940-02	.4664-02	.4563-02	29.99	.1182	.3556	538.0	.1631-03
4	.70000	.90000	956.00	.9478-03	.1122-02	.1098-02	29.91	.2835-01	.3572	540.4	.3925-04
4	.75000	.10000+00	957.00	.3964-01	.4698-01	.4596-01	29.79	1.181	.3597	544.2	.1642-02
4	.75000	.20000	958.00	.1777-01	.2105-01	.2060-01	29.87	.5308	.3582	541.8	.7360-03
4	.75000	.40000	959.00	.5973-02	.7070-02	.6917-02	30.00	.1792	.3555	537.8	.2472-03
4	.75000	.60000	960.00	.1401-02	.1658-02	.1623-02	30.03	.4208-01	.3549	536.8	.5799-04
4	.75000	.80000	961.00	.1691-02	.2002-02	.1959-02	29.98	.5071-01	.3557	538.2	.7000-04
4	.75000	.90000	962.00	.8956-03	.1061-02	.1038-02	29.91	.2678-01	.3573	540.6	.3708-04
4	.80000	.90000	963.00	.3476-02	.4116-02	.4027-02	29.92	.1040	.3572	540.3	.1439-03
4	.90000	.20000	964.00	.1518-01	.1798-01	.1759-01	29.83	.4527	.3589	543.0	.6286-03
4	.90000	.40000	965.00	.1857-01	.2199-01	.2151-01	29.92	.5555	.3571	540.3	.7688-03
4	.95000	.20000	966.00	.9253-02	.1097-01	.1073-01	29.72	.2750	.3611	546.3	.3835-03

ARC 3.5-199 OH26 (01) WING TOP SURFACE (RE2E01)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
4	.95000	.40000	967.00	.2521-02	.2986-02	.2922-02	29.82	.7517-01	.3590	543.2	.1044-03
4	.95000	.80000	968.00	.1021-02	.1209-02	.1183-02	29.86	.3048-01	.3583	542.1	.4227-04

ARC 3.5-199 OH26 (01) WING TOP SURFACE

WING TOP SURFACE (RE2E02)

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALF
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
7	.25000	.13500	939.00	.1296-02	.1530-02	.1497-02	60.73	.7870-01	.3465	551.8	.2919-04
7	.25000	.22500	940.00	.1436-02	.1696-02	.1660-02	60.77	.8729-01	.3461	551.1	.3236-04
7	.40000	.50000-01	941.00	.1031-01	.1218-01	.1192-01	60.51	.6239	.3488	555.5	.2324-03
7	.40000	.20000	942.00	.2047-02	.2418-02	.2366-02	60.69	.1243	.3470	552.6	.4613-04
7	.40000	.60000	944.00	.3440-03	.4061-03	.3975-03	60.77	.2090-01	.3462	551.3	.7749-05
7	.40000	.95000	945.00	.2939-02	.3472-02	.3398-02	60.58	.1781	.3480	554.2	.6624-04
7	.60000	.50000-01	947.00	.1205	.1425	.1395	60.21	7.257	.3519	560.4	.2719-02
7	.60000	.10000+00	948.00	.5202-01	.6147-01	.6016-01	60.42	3.143	.3497	556.9	.1173-02
7	.60000	.20000	949.00	.1422-01	.1679-01	.1644-01	60.71	.8634	.3467	552.1	.3204-03
7	.60000	.85000	952.00	.3678-02	.4342-02	.4250-02	60.74	.2234	.3464	551.6	.8286-04
7	.60000	.95000	953.00	.5388-02	.6367-02	.6231-02	60.40	.3254	.3499	557.2	.1215-03
7	.70000	.20000	954.00	.1394-01	.1646-01	.1611-01	60.68	.8460	.3471	552.7	.3141-03
7	.70000	.40000	955.00	.2421-02	.2857-02	.2796-02	60.90	.1474	.3448	549.1	.5452-04
7	.75000	.10000+00	957.00	.3772-01	.4459-01	.4364-01	60.26	2.273	.3513	559.5	.8506-03
7	.75000	.40000	959.00	.6368-02	.7515-02	.7356-02	60.91	.3879	.3447	549.0	.1434-03
7	.75000	.80000	961.00	.1591-02	.1878-02	.1839-02	60.78	.9670-01	.3460	551.1	.3584-04
7	.75000	.90000	962.00	.1352-02	.1597-02	.1563-02	60.48	.8174-01	.3491	556.0	.3047-04
7	.80000	.90000	963.00	.3007-02	.3552-02	.3477-02	60.53	.1820	.3486	555.1	.6777-04
7	.90000	.20000	964.00	.2272-01	.2685-01	.2628-01	60.34	1.371	.3505	558.2	.5122-03
7	.90000	.40000	965.00	.5110-01	.6035-01	.5907-01	60.64	3.099	.3474	553.3	.1152-02
7	.95000	.20000	966.00	.1626-01	.1924-01	.1883-01	59.88	.9737	.3553	565.8	.3670-03
7	.95000	.40000	967.00	.1149-01	.1358-01	.1329-01	60.30	.6927	.3510	559.0	.2591-03
7	.95000	.80000	968.00	.2435-02	.2877-02	.2816-02	60.46	.1472	.3493	556.3	.5489-04

ARC 3.5-199 OH26 (01) WING TOP SURFACE

(RE2E03)

WING TOP SURFACE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
24	.25000	.85000-01	939.00	.3943-02	.4710-02	.4602-02	74.94	.2954	.4008	609.9	.6314-04
24	.25000	.13500	939.00	.3704-02	.4423-02	.4322-02	75.04	.2779	.4008	609.9	.5930-04
24	.25000	.22500	940.00	.8976-02	.1072-01	.1047-01	75.10	.6741	.4008	609.9	.1437-03
24	.40000	.50000-01	941.00	.2673-01	.3196-01	.3122-01	74.71	1.997	.4008	609.9	.4284-03
24	.40000	.20000	942.00	.3732-01	.4457-01	.4356-01	75.01	2.799	.4008	609.9	.5976-03
24	.40000	.60000	944.00	.1274-01	.1522-01	.1487-01	75.11	.9571	.4008	609.9	.2040-03
24	.40000	.95000	945.00	.1711-01	.2044-01	.1998-01	74.84	1.280	.4008	609.9	.2741-03
24	.60000	.50000-01	947.00	.1348	.1612	.1575	74.33	10.02	.4008	609.9	.2161-02
24	.60000	.10000+00	948.00	.6169-01	.7375-01	.7206-01	74.63	4.604	.4008	609.9	.9886-03
24	.60000	.20000	949.00	.1026-01	.1226-01	.1198-01	75.10	.7708	.4008	609.9	.1643-03
24	.60000	.40000	950.00	.1341-01	.1601-01	.1564-01	75.37	1.011	.4008	609.9	.2146-03
24	.60000	.85000	952.00	.2235-01	.2668-01	.2607-01	75.15	1.679	.4008	609.9	.3577-03
24	.60000	.95000	953.00	.2700-01	.3229-01	.3155-01	74.58	2.014	.4008	609.9	.4328-03
24	.70000	.20000	954.00	.1402-01	.1674-01	.1636-01	75.06	1.052	.4008	609.9	.2245-03
24	.70000	.40000	955.00	.1682-01	.2007-01	.1961-01	75.41	1.268	.4008	609.9	.2691-03
24	.70000	.90000	956.00	.2378-01	.2842-01	.2777-01	74.75	1.777	.4008	609.9	.3810-03
24	.75000	.10000+00	957.00	.5648-01	.6756-01	.6600-01	74.43	4.203	.4008	609.9	.9054-03
24	.75000	.20000	958.00	.2550-01	.3046-01	.2976-01	74.96	1.911	.4008	609.9	.4083-03
24	.75000	.40000	959.00	.2004-01	.2392-01	.2337-01	75.44	1.512	.4008	609.9	.3207-03
24	.75000	.60000	960.00	.2080-01	.2481-01	.2425-01	75.49	1.570	.4008	609.9	.3327-03
24	.75000	.80000	961.00	.2018-01	.2409-01	.2354-01	75.18	1.517	.4008	609.9	.3230-03
24	.75000	.90000	962.00	.2222-01	.2656-01	.2595-01	74.68	1.659	.4008	609.9	.3560-03
24	.80000	.90000	963.00	.2218-01	.2650-01	.2589-01	74.80	1.659	.4008	609.9	.3552-03
24	.90000	.20000	964.00	.1197-01	.1431-01	.1398-01	74.64	.8933	.4008	609.9	.1918-03
24	.90000	.40000	965.00	.2548-01	.3043-01	.2974-01	75.11	1.914	.4008	609.9	.4080-03

ARC 3.5-199 OH26 (01) WING TOP SURFACE (RE2E03)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
24	.95000	.20000	966.00	.2495-01	.2988-01	.2919-01	73.89	1.844	.4008	609.9	.4004-03
24	.95000	.40000	967.00	.5988-01	.7159-01	.6995-01	74.58	4.466	.4008	609.9	.9596-03
24	.95000	.80000	968.00	.1353-01	.1617-01	.1580-01	74.82	1.012	.4008	609.9	.2168-03

ARC 3.5-199 OH26 (01) WING TOP SURFACE

(RE2E04)

WING TOP SURFACE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
25	.25000	.85000-01	938.00	.9150-02	.1093-01	.1111-01	74.91	.6854	.4004	609.9	.1468-03
25	.25000	.13500	939.00	.8826-02	.1054-01	.1071-01	75.00	.6620	.4004	609.9	.1416-03
25	.25000	.22500	940.00	.1127-01	.1347-01	.1368-01	75.04	.8460	.4004	609.9	.1808-03
25	.40000	.50000-01	941.00	.3620-01	.4328-01	.4396-01	74.69	2.704	.4004	609.9	.5810-03
25	.40000	.20000	942.00	.2070-01	.2472-01	.2511-01	75.03	1.553	.4004	609.9	.3319-03
25	.40000	.30000	944.00	.1064-02	.1270-02	.1290-02	75.22	.8005-01	.4004	609.9	.1706-04
25	.40000	.95000	945.00	.4801-02	.5736-02	.5827-02	74.92	.3597	.4004	609.9	.7702-04
25	.60000	.50000-01	947.00	.1302	.1559	.1584	74.20	9.662	.4004	609.9	.2092-02
25	.60000	.10000+00	948.00	.7313-01	.8744-01	.8883-01	74.59	5.454	.4004	609.9	.1174-02
25	.60000	.20000	949.00	.1846-01	.2204-01	.2239-01	75.13	1.387	.4004	609.9	.2960-03
25	.60000	.40000	950.00	.2757-02	.3290-02	.3341-02	75.46	.2081	.4004	609.9	.4418-04
25	.60000	.85000	952.00	.4127-02	.4926-02	.5004-02	75.25	.3105	.4004	609.9	.6616-04
25	.60000	.95000	953.00	.3149-02	.3764-02	.3824-02	74.69	.2352	.4004	609.9	.5053-04
25	.70000	.20000	954.00	.3322-01	.3967-01	.4030-01	75.08	2.494	.4004	609.9	.5327-03
25	.70000	.40000	955.00	.6271-02	.7481-02	.7599-02	75.51	.4735	.4004	609.9	.1005-03
25	.70000	.90000	956.00	.6044-03	.7222-03	.7336-03	74.88	.4526-01	.4004	609.9	.9697-05
25	.75000	.10000+00	957.00	.5634-01	.6742-01	.6849-01	74.31	4.187	.4004	609.9	.9049-03
25	.75000	.20000	958.00	.2293-01	.2739-01	.2782-01	74.96	1.719	.4004	609.9	.3678-03
25	.75000	.40000	959.00	.1042-01	.1243-01	.1263-01	75.54	.7872	.4004	609.9	.1670-03
25	.75000	.60000	960.00	.6089-02	.7262-02	.7376-02	75.63	.4605	.4004	609.9	.9754-04
25	.75000	.80000	961.00	.4012-02	.4789-02	.4864-02	75.32	.3022	.4004	609.9	.6432-04
25	.75000	.90000	962.00	.1833-02	.2191-02	.2225-02	74.82	.1371	.4004	609.9	.2941-04
25	.80000	.90000	963.00	.5904-02	.7054-02	.7165-02	74.95	.4425	.4004	609.9	.9471-04
25	.90000	.20000	964.00	.1667-01	.1993-01	.2025-01	74.63	1.244	.4004	609.9	.2676-03
25	.90000	.40000	965.00	.5040-02	.6018-02	.6112-02	75.15	.3787	.4004	609.9	.8081-04

ARC 3.5-199 OH26 (01) WING TOP SURFACE

(RE2E04)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
25	.95000	.20000	966.00	.2015-01	.2414-01	.2453-01	73.86	1.488	.4004	609.9	.3240-03
25	.95000	.40000	967.00	.2877-02	.3439-02	.3494-02	74.60	.2146	.4004	609.9	.4618-04
25	.95000	.80000	968.00	.3271-02	.3907-02	.3969-02	74.93	.2451	.4004	609.9	.5247-04

ARC 3.5-199 OH26 (01) WING TOP SURFACE

WING TOP SURFACE (RE2E05)

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
26	.25000	.85000-01	938.00	.2672-02	.3175-02	.3163-02	77.88	.2081	.3961	609.9	.4301-04
26	.25000	.13500	939.00	.2295-02	.2726-02	.2716-02	78.00	.1790	.3961	609.9	.3692-04
26	.25000	.22500	940.00	.1755-02	.2085-02	.2077-02	78.04	.1369	.3961	609.9	.2823-04
26	.40000	.50000-01	941.00	.3289-01	.3912-01	.3897-01	77.49	2.549	.3961	609.9	.5297-03
26	.40000	.20000	942.00	.4643-02	.5519-02	.5498-02	77.80	.3613	.3961	609.9	.7475-04
26	.40000	.60000	944.00	.2867-02	.3407-02	.3394-02	77.87	.2232	.3961	609.9	.4615-04
26	.40000	.95000	945.00	.3722-02	.4429-02	.4412-02	77.38	.2880	.3961	609.9	.5997-04
26	.60000	.50000-01	947.00	.1856	.2212	.2203	76.78	14.25	.3961	609.9	.2994-02
26	.60000	.10000+00	948.00	.7371-01	.8775-01	.8742-01	77.18	5.690	.3961	609.9	.1188-02
26	.60000	.20000	949.00	.1542-01	.1834-01	.1827-01	77.72	1.199	.3961	609.9	.2483-03
26	.60000	.40000	950.00	.2067-02	.2456-02	.2447-02	78.03	.1613	.3961	609.9	.3327-04
26	.60000	.85000	952.00	.4877-02	.5800-02	.5778-02	77.61	.3786	.3961	609.9	.7854-04
26	.60000	.95000	953.00	.6152-02	.7327-02	.7299-02	76.98	.4736	.3961	609.9	.9919-04
26	.70000	.20000	954.00	.2472-01	.2940-01	.2929-01	77.56	1.917	.3961	609.9	.3981-03
26	.70000	.40000	955.00	.6072-02	.7215-02	.7188-02	77.94	.4732	.3961	609.9	.9772-04
26	.70000	.90000	956.00	.4033-02	.4802-02	.4784-02	77.10	.3110	.3961	609.9	.6501-04
26	.75000	.10000+00	957.00	.4430-01	.5280-01	.5260-01	76.68	3.397	.3961	609.9	.7146-03
26	.75000	.20000	958.00	.2040-01	.2427-01	.2418-01	77.34	1.578	.3961	609.9	.3287-03
26	.75000	.40000	959.00	.8972-02	.1066-01	.1062-01	77.91	.6990	.3961	609.9	.1444-03
26	.75000	.60000	960.00	.3451-02	.4101-02	.4085-02	77.96	.2690	.3961	609.9	.5554-04
26	.75000	.80000	961.00	.2867-02	.3409-02	.3397-02	77.56	.2223	.3961	609.9	.4617-04
26	.75000	.90000	962.00	.2205-02	.2626-02	.2616-02	76.98	.1697	.3961	609.9	.3555-04
26	.80000	.90000	963.00	.6166-02	.7341-02	.7313-02	77.08	.4753	.3961	609.9	.9939-04
26	.90000	.20000	964.00	.2125-01	.2532-01	.2522-01	76.84	1.633	.3961	609.9	.3427-03
26	.90000	.40000	965.00	.5594-02	.6656-02	.6631-02	77.36	.4328	.3961	609.9	.9012-04

ARC 3.5-199 OH26 (01) WING TOP SURFACE

(RE2E05)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
26	.95000	.20000	966.00	.1611-01	.1923-01	.1916-01	75.96	1.224	.3961	609.9	.2602-03
26	.95000	.40000	967.00	.6214-02	.7405-02	.7377-02	76.74	.4768	.3961	609.9	.1002-03
26	.95000	.80000	968.00	.2214-02	.2637-02	.2627-02	77.02	.1706	.3961	609.9	.3570-04

ARC 3.5-199 OH26 (01) WING TOP SURFACE

(RE2E14)

WING TOP SURFACE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -7.000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
52	.25000	.13500	939.00	.1050-02	.1243-02	.1216-02	59.74	.6272-01	.3826	609.9	.2371-04
52	.40000	.50000-01	941.00	.2600-01	.3081-01	.3014-01	59.59	1.549	.3826	609.9	.5875-03
52	.40000	.20000	942.00	.1545-01	.1830-01	.1791-01	59.79	.9240	.3826	609.9	.3490-03
52	.40000	.95000	945.00	.2317-02	.2744-02	.2685-02	59.77	.1385	.3826	609.[illegible]	.5234-04
52	.60000	.50000-01	947.00	.1212	.1437	.1406	59.37	7.196	.3826	609.9	.2740-02
52	.60000	.10000+00	948.00	.5124-01	.6071-01	.5939-01	59.58	3.053	.3826	609.9	.1158-02
52	.60000	.20000	949.00	.1496-01	.1772-01	.1733-01	59.85	.8956	.3826	609.9	.3379-03
52	.60000	.85000	952.00	.2776-02	.3286-02	.3215-02	59.93	.1664	.3826	609.9	.6268-04
52	.60000	.95000	953.00	.3716-02	.4402-02	.4307-02	59.66	.2217	.3826	609.9	.8395-04
52	.70000	.20000	954.00	.1389-01	.1644-01	.1609-01	59.83	.8308	.3826	609.9	.3136-03
52	.70000	.40000	955.00	.2537-02	.3002-02	.2937-02	60.05	.1523	.3826	609.9	.5725-04
52	.70000	.90000	956.00	.1816-02	.2151-02	.2104-02	59.76	.1085	.3826	609.9	.4101-04
52	.75000	.10000+00	957.00	.3875-01	.4593-01	.4493-01	59.44	2.303	.3826	609.9	.8757-03
52	.75000	.20000	958.00	.1838-01	.2177-01	.2130-01	59.77	1.099	.3826	609.9	.4151-03
52	.75000	.40000	959.00	.5910-02	.6993-02	.6843-02	60.07	.3550	.3826	609.9	.1334-03
52	.75000	.90000	962.00	.9316-03	.1103-02	.1079-02	59.75	.5566-01	.3826	609.9	.2104-04
52	.80000	.90000	963.00	.1060-01	.1255-01	.1228-01	59.79	.6334	.3826	609.9	.2393-03
52	.90000	.20000	964.00	.1152-01	.1365-01	.1336-01	59.55	.6862	.3826	609.9	.2604-03
52	.90000	.40000	965.00	.4147-02	.4910-02	.4804-02	59.84	.2482	.3826	609.9	.9365-04
52	.95000	.20000	966.00	.1023-01	.1214-01	.1188-01	59.09	.6046	.3826	609.9	.2314-03
52	.95000	.40000	967.00	.6409-01	.7596-01	.7431-01	59.48	3.812	.3826	609.9	.1448-02
52	.95000	.80000	968.00	.3456-02	.4094-02	.4005-02	59.70	.2063	.3826	609.9	.7807-04

ARC 3.5-199 OH26 (01) WING TOP SURFACE

WING TOP SURFACE (RE2E15)

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
40	.25000	.13500	939.00	.2762-02	.3275-02	.3324-02	30.40	.8398-01	.3876	609.9	.1195-03
40	.25000	.22500	940.00	.6172-02	.7316-02	.7426-02	30.42	.1878	.3876	609.9	.2669-03
40	.40000	.50000-01	941.00	.1945-01	.2306-01	.2340-01	30.37	.5906	.3876	609.9	.8411-03
40	.40000	.20000	942.00	.6265-02	.7425-02	.7537-02	30.45	.1907	.3876	609.9	.2709-03
40	.40000	.60000	944.00	.1895-03	.2244-03	.2278-03	30.52	.5782-02	.3876	609.9	.8189-05
40	.40000	.95000	945.00	.2137-02	.2531-02	.2569-02	30.53	.6524-01	.3876	609.9	.9235-04
40	.60000	.50000-01	947.00	.1143	.1355	.1376	30.32	3.465	.3876	609.9	.4943-02
40	.60000	.10000+00	948.00	.6485-01	.7688-01	.7804-01	30.40	1.971	.3876	609.9	.2805-02
40	.60000	.20000	949.00	.1940-01	.2298-01	.2332-01	30.49	.5914	.3876	609.9	.8384-03
40	.60000	.40000	950.00	.2840-02	.3364-02	.3414-02	30.57	.8683-01	.3876	609.9	.1227-03
40	.60000	.85000	952.00	.1222-02	.1447-02	.1469-02	30.60	.3740-01	.3876	609.9	.5281-04
40	.60000	.95000	953.00	.1410-02	.1671-02	.1696-02	30.53	.4306-01	.3876	609.9	.6096-04
40	.70000	.20000	954.00	.1778-01	.2106-01	.2138-01	30.50	.5422	.3876	609.9	.7685-03
40	.70000	.40000	955.00	.5522-02	.6538-02	.6636-02	30.61	.1690	.3876	609.9	.2386-03
40	.70000	.90000	956.00	.3987-02	.4722-02	.4793-02	30.57	.1219	.3876	609.9	.1723-03
40	.75000	.10000+00	957.00	.5601-01	.6641-01	.6741-01	30.37	1.701	.3876	609.9	.2423-02
40	.75000	.20000	958.00	.2597-01	.3077-01	.3123-01	30.49	.7917	.3876	609.9	.1123-02
40	.75000	.40000	959.00	.1093-01	.1294-01	.1314-01	30.62	.3348	.3876	609.9	.4723-03
40	.75000	.60000	960.00	.6580-02	.7789-02	.7905-02	30.65	.2017	.3876	609.9	.2842-03
40	.75000	.80000	961.00	.6158-02	.7290-02	.7399-02	30.64	.1887	.3876	609.9	.2660-03
40	.75000	.90000	962.00	.9704-02	.1149-01	.1166-01	30.57	.2967	.3876	609.9	.4193-03
40	.80000	.90000	963.00	.2310-01	.2736-01	.2777-01	30.58	.7065	.3876	609.9	.9984-03
40	.90000	.20000	964.00	.1982-01	.2349-01	.2384-01	30.43	.6030	.3876	609.9	.8568-03
40	.90000	.40000	965.00	.6384-02	.7561-02	.7674-02	30.55	.1950	.3876	609.9	.2759-03
40	.95000	.20000	966.00	.2534-01	.3006-01	.3051-01	30.30	.7679	.3876	609.9	.1096-02

ARC 3.5-199 OH26 (01) WING TOP SURFACE (RE2E15)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
40	.95000	.40000	967.00	.5287-02	.6266-02	.6360-02	30.45	.1610	.3876	609.9	.2286-03
40	.95000	.80000	968.00	.4813-02	.5702-02	.5788-02	30.50	.1468	.3876	609.9	.2080-03

ARC 3.5-199 OH26 (01) WING TOP SURFACE

(RE2E16)

WING TOP SURFACE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
41	.25000	.85000-01	938.00	.4975-02	.5889-02	.5976-02	60.48	.3009	.3787	609.9	.1133-03
41	.25000	.13500	939.00	.4378-02	.5181-02	.5258-02	60.56	.2651	.3787	609.9	.9965-04
41	.25000	.22500	940.00	.9726-02	.1151-01	.1168-01	60.62	.5896	.3787	609.9	.2213-03
41	.40000	.50000-01	941.00	.1983-01	.2348-01	.2383-01	60.37	1.197	.3787	609.9	.4516-03
41	.40000	.20000	942.00	.3099-02	.3667-02	.3721-02	60.59	.1878	.3787	609.9	.7054-04
41	.40000	.60000	944.00	.8804-03	.1041-02	.1057-02	60.69	.5343-01	.3787	609.9	.2003-04
41	.40000	.95000	945.00	.1294-01	.1531-01	.1554-01	60.53	.7830	.3787	609.9	.2945-03
41	.60000	.50000-01	947.00	.9838-01	.1166	.1183	60.03	5.905	.3787	609.9	.2242-02
41	.60000	.10000+00	948.00	.5165-01	.6116-01	.6208-01	60.30	3.115	.3787	609.9	.1176-02
41	.60000	.20000	949.00	.1427-01	.1688-01	.1713-01	60.63	.8648	.3787	609.9	.3246-03
41	.60000	.40000	950.00	.2596-02	.3070-02	.3115-02	60.83	.1579	.3787	609.9	.5906-04
41	.60000	.85000	952.00	.2306-02	.2728-02	.2768-02	60.71	.1400	.3787	609.9	.5248-04
41	.60000	.95000	953.00	.3776-02	.4469-02	.4536-02	60.42	.2281	.3787	609.9	.8596-04
41	.70000	.20000	954.00	.2072-01	.2452-01	.2489-01	60.56	1.255	.3787	609.9	.4717-03
41	.70000	.40000	955.00	.5512-02	.6517-02	.6613-02	60.85	.3354	.3787	609.9	.1254-03
41	.70000	.90000	956.00	.6799-02	.8046-02	.8166-02	60.50	.4114	.3787	609.9	.1548-03
41	.75000	.10000+00	957.00	.5395-01	.6393-01	.6489-01	60.04	3.239	.3787	609.9	.1229-02
41	.75000	.20000	958.00	.2359-01	.2792-01	.2833-01	60.47	1.426	.3787	609.9	.5370-03
41	.75000	.40000	959.00	.1102-01	.1303-01	.1323-01	60.85	.6708	.3787	609.9	.2508-03
41	.75000	.60000	960.00	.6318-02	.7468-02	.7579-02	60.90	.3848	.3787	609.9	.1437-03
41	.75000	.80000	961.00	.6882-02	.8139-02	.8260-02	60.76	.4182	.3787	609.9	.1566-03
41	.75000	.90000	962.00	.1575-01	.1864-01	.1892-01	60.48	.9527	.3787	609.9	.3586-03
41	.80000	.90000	963.00	.3207-01	.3796-01	.3852-01	60.51	1.941	.3787	609.9	.7301-03
41	.90000	.20000	964.00	.2455-01	.2908-01	.2951-01	60.16	1.477	.3787	609.9	.5592-03
41	.95000	.20000	966.00	.2831-01	.3359-01	.3410-01	59.63	1.688	.3787	609.9	.6457-03

ARC 3.5-199 OH26 (01) WING TOP SURFACE (RE2E16)

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
41	.95000	.40000	967.00	.2026-01	.2400-01	.2436-01	60.13	1.218	.3787	609.9	.4616-03
41	.95000	.80000	968.00	.3764-02	.4457-02	.4523-02	60.31	.2270	.3787	609.9	.8571-04

ARC 3.5-199 OH26 (01) WING TOP SURFACE

WING TOP SURFACE (RE2E17)

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
46	.25000	.13500	939.00	.2165-03	.2553-03	.2499-03	32.50	.7035-02	.3778	609.9	.9368-05
46	.40000	.50000-01	941.00	.1079-01	.1272-01	.1246-01	32.47	.3503	.3778	609.9	.4669-03
46	.40000	.20000	942.00	.3153-02	.3718-02	.3639-02	32.54	.1026	.3778	609.9	.1364-03
46	.40000	.95000	945.00	.8685-03	.1024-02	.1002-02	32.62	.2833-01	.3778	609.9	.3757-04
46	.60000	.50000-01	947.00	.1152	.1359	.1331	32.44	3.738	.3778	609.9	.4989-02
46	.60000	.10000+00	948.00	.4924-01	.5807-01	.5685-01	32.50	1.600	.3778	609.9	.2131-02
46	.60000	.20000	949.00	.1511-01	.1781-01	.1744-01	32.58	.4924	.3778	609.9	.6538-03
46	.60000	.40000	950.00	.1998-02	.2354-02	.2305-02	32.66	.6526-01	.3778	609.9	.8642-04
46	.60000	.85000	952.00	.1523-02	.1795-02	.1757-02	32.68	.4977-01	.3778	609.9	.6588-04
46	.60000	.95000	953.00	.1392-02	.1641-02	.1607-02	32.59	.4538-01	.3778	609.9	.6024-04
46	.70000	.20000	954.00	.1461-01	.1722-01	.1686-01	32.59	.4761	.3778	609.9	.6320-03
46	.70000	.40000	955.00	.4014-02	.4730-02	.4631-02	32.69	.1312	.3778	609.9	.1736-03
46	.70000	.90000	956.00	.8034-03	.9468-03	.9270-03	32.64	.2622-01	.3778	609.9	.3475-04
46	.75000	.10000+00	957.00	.4011-01	.4731-01	.4631-01	32.47	1.302	.3778	609.9	.1736-02
46	.75000	.20000	958.00	.1781-01	.2099-01	.2055-01	32.58	.5802	.3778	609.9	.7705-03
46	.75000	.40000	959.00	.5911-02	.6963-02	.6818-02	32.70	.1933	.3778	609.9	.2556-03
46	.75000	.60000	960.00	.1250-02	.1472-02	.1441-02	32.74	.4091-01	.3778	609.9	.5403-04
46	.75000	.80000	961.00	.8821-03	.1039-02	.1017-02	32.71	.2886-01	.3778	609.9	.3815-04
46	.75000	.90000	962.00	.2881-02	.3395-02	.3324-02	32.64	.9403-01	.3778	609.9	.1246-03
46	.80000	.90000	963.00	.2125-01	.2504-01	.2452-01	32.65	.6939	.3778	609.9	.9193-03
46	.90000	.20000	964.00	.1289-01	.1520-01	.1488-01	32.53	.4193	.3778	609.9	.5579-03
46	.90000	.40000	965.00	.4465-02	.5263-02	.5152-02	32.63	.1457	.3778	609.9	.1932-03
46	.95000	.20000	966.00	.1383-01	.1631-01	.1597-01	32.40	.4479	.3778	609.9	.5986-03
46	.95000	.40000	967.00	.4477-03	.5280-03	.5169-03	32.54	.1457-01	.3778	609.9	.1938-04
46	.95000	.80000	968.00	.1009-02	.1189-02	.1164-02	32.58	.3287-01	.3778	609.9	.4365-04

ARC 3.5-199 OH26 (01) WING TOP SURFACE

WING TOP SURFACE (RE2E18)

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
47	.25000	.22500	940.00	.2337-02	.2769-02	.2709-02	58.07	.1357	.3933	609.9	.5184-04
47	.40000	.50000-01	941.00	.1004-01	.1189-01	.1164-01	57.91	.5811	.3933	609.9	.2227-03
47	.40000	.20000	942.00	.1755-02	.2078-02	.2033-02	58.07	.1019	.3933	609.9	.3892-04
47	.40000	.60000	944.00	.7656-03	.9069-03	.8872-03	58.11	.4449-01	.3933	609.9	.1698-04
47	.40000	.95000	945.00	.2142-02	.2538-02	.2483-02	58.03	.1243	.3933	609.9	.4752-04
47	.60000	.50000-01	947.00	.1163	.1379	.1349	57.67	6.706	.3933	609.9	.2582-02
47	.60000	.10000+00	948.00	.4992-01	.5917-01	.5789-01	57.86	2.888	.3933	609.9	.1108-02
47	.60000	.20000	949.00	.1373-01	.1627-01	.1591-01	58.11	.7979	.3933	609.9	.3045-03
47	.60000	.85000	952.00	.2832-02	.3354-02	.3281-02	58.18	.1648	.3933	609.9	.6280-04
47	.60000	.95000	953.00	.3675-02	.4356-02	.4261-02	57.92	.2129	.3933	609.9	.8154-04
47	.70000	.20000	954.00	.1343-01	.1591-01	.1556-01	58.08	.7799	.3933	609.9	.2978-03
47	.70000	.40000	955.00	.2098-02	.2484-02	.2430-02	58.27	.1223	.3933	609.9	.4651-04
47	.70000	.80000	956.00	.1579-02	.1871-02	.1831-02	58.02	.9163-01	.3933	609.9	.3503-04
47	.75000	.10000+00	957.00	.3705-01	.4394-01	.4298-01	57.71	2.138	.3933	609.9	.8224-03
47	.75000	.20000	958.00	.1735-01	.2056-01	.2012-01	58.03	1.007	.3933	609.9	.3850-03
47	.75000	.40000	959.00	.5494-02	.6504-02	.6364-02	58.30	.3203	.3933	609.9	.1218-03
47	.75000	.80000	961.00	.1030-02	.1220-02	.1193-02	58.23	.5999-01	.3933	609.9	.2284-04
47	.75000	.90000	962.00	.3573-02	.4234-02	.4142-02	58.00	.2072	.3933	609.9	.7926-04
47	.80000	.90000	963.00	.2324-01	.2753-01	.2694-01	58.04	1.349	.3933	609.9	.5155-03
47	.90000	.20000	964.00	.1186-01	.1406-01	.1375-01	57.82	.6856	.3933	609.9	.2631-03
47	.95000	.20000	966.00	.5778-02	.6858-02	.6708-02	57.43	.3318	.3933	609.9	.1283-03
47	.95000	.80000	968.00	.3384-02	.4011-02	.3924-02	57.91	.1960	.3933	609.9	.7508-04

ARC 3.5-199 OH26 (01) WING TOP SURFACE (RE2E19)

WING TOP SURFACE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -30.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01

TEST DATA

RUN NUMBER	2Y/B	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
53	.40000	.50000-01	941.00	.2528-01	.2994-01	.2930-01	59.24	1.498	.3853	609.9	.5687-03
53	.40000	.20000	942.00	.1530-01	.1811-01	.1772-01	59.48	.9099	.3853	609.9	.3440-03
53	.40000	.95000	945.00	.2572-02	.3043-02	.2978-02	59.57	.1532	.3853	609.9	.5781-04
53	.60000	.50000-01	947.00	.1211	.1435	.1403	59.08	7.152	.3853	609.9	.2724-02
53	.60000	.10000+00	948.00	.5075-01	.6010-01	.5880-01	59.31	3.010	.3853	609.9	.1141-02
53	.60000	.20000	949.00	.1460-01	.1728-01	.1691-01	59.60	.8703	.3853	609.9	.3282-03
53	.60000	.95000	953.00	.2956-02	.3499-02	.3424-02	59.51	.1759	.3853	609.9	.6647-04
53	.70000	.20000	954.00	.1405-01	.1662-01	.1626-01	59.62	.8375	.3853	609.9	.3157-03
53	.70000	.40000	955.00	.1797-02	.2125-02	.2079-02	59.90	.1076	.3853	609.9	.4037-04
53	.70000	.90000	956.00	.5616-02	.6644-02	.6502-02	59.67	.3351	.3853	609.9	.1262-03
53	.75000	.10000+00	957.00	.3873-01	.4589-01	.4489-01	59.21	2.293	.3853	609.9	.8714-03
53	.75000	.20000	958.00	.1834-01	.2171-01	.2124-01	59.59	1.093	.3853	609.9	.4124-03
53	.75000	.40000	959.00	.5719-02	.6760-02	.6616-02	59.95	.3428	.3853	609.9	.1284-03
53	.75000	.60000	960.00	.7703-03	.9103-03	.8909-03	60.04	.4625-01	.3853	609.9	.1730-04
53	.75000	.80000	961.00	.7524-02	.8895-02	.8704-02	59.95	.4511	.3853	609.9	.1690-03
53	.75000	.90000	962.00	.1446-01	.1711-01	.1674-01	59.67	.8629	.3853	609.9	.3250-03
53	.80000	.90000	963.00	.1169	.1383	.1353	59.75	6.987	.3853	609.9	.2628-02
53	.90000	.20000	964.00	.4372-01	.5176-01	.5064-01	59.42	2.598	.3853	609.9	.9831-03
53	.90000	.40000	965.00	.8742-02	.1034-01	.1012-01	59.75	.5223	.3853	609.9	.1964-03
53	.95000	.20000	966.00	.1507-01	.1786-01	.1747-01	58.98	.8887	.3853	609.9	.3392-03
53	.95000	.40000	967.00	.6648-02	.7871-02	.7701-02	59.40	.3949	.3853	609.9	.1495-03
53	.95000	.80000	968.00	.4394-02	.5199-02	.5087-02	59.65	.2621	.3853	609.9	.9876-04

ARC 3.5-199 OH26 (01) VERTICAL TAIL (RE2F01)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01

TEST DATA

RUN NUMBER	Z/BV	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
4	.15900	.10000+00	265.00	.2300-01	.2725-01	.2666-01	29.83	.6861	.3588	542.9	.9526-03
4	.15900	.30000	266.00	.8814-02	.1044-01	.1022-01	29.86	.2632	.3584	542.2	.3651-03
4	.29900	.10000+00	269.00	.9877-02	.1170-01	.1145-01	29.82	.2946	.3591	543.2	.4091-03
4	.29900	.30000	270.00	.5102-02	.6044-02	.5913-02	29.87	.1524	.3582	541.9	.2113-03
4	.29900	.50000	271.00	.3892-02	.4608-02	.4508-02	29.95	.1165	.3565	539.4	.1611-03
4	.53200	.10000+00	275.00	.1219-01	.1444-01	.1413-01	29.91	.3648	.3572	540.4	.5049-03
4	.53200	.50000	277.00	.8326-02	.9854-02	.9642-02	30.01	.2499	.3552	537.3	.3446-03
4	.53200	.70000	278.00	.3969-02	.4697-02	.4596-02	30.02	.1192	.3550	537.1	.1643-03
4	.53200	.90000	279.00	.2630-02	.3114-02	.3046-02	29.98	.7885-01	.3559	538.4	.1089-03
4	.76500	.10000+00	281.00	.1777-01	.2103-01	.2058-01	29.97	.5324	.3561	538.8	.7355-03
4	.76500	.30000	282.00	.1439-01	.1704-01	.1667-01	29.98	.4316	.3559	538.4	.5959-03
4	.76500	.50000	283.00	.1351-01	.1599-01	.1565-01	30.01	.4054	.3553	537.5	.5592-03
4	.76500	.70000	284.00	.7836-02	.9273-02	.9073-02	30.03	.2353	.3548	536.8	.3243-03
4	.90500	.10000+00	287.00	.2089-01	.2473-01	.2419-01	29.96	.6257	.3563	539.0	.8647-03
4	.90500	.50000	288.00	.1265-01	.1497-01	.1465-01	30.02	.3797	.3551	537.2	.5236-03

ARC 3.5-199 OH26 (01) VERTICAL TAIL (RE2F02)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01

TEST DATA

RUN NUMBER	Z/BV	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
7	.15900	.10000+00	265.00	.1766-01	.2087-01	.2042-01	60.39	1.066	.3500	557.4	.3981-03
7	.15900	.30000	266.00	.8536-02	.1009-01	.9870-02	60.49	.5163	.3490	555.8	.1924-03
7	.15900	.70000	267.00	.1348-02	.1592-02	.1558-02	60.74	.8190-01	.3464	551.6	.3037-04
7	.29900	.10000+00	269.00	.9681-02	.1144-01	.1120-01	60.29	.5836	.3511	559.1	.2183-03
7	.29900	.50000	271.00	.4443-02	.5247-02	.5135-02	60.70	.2697	.3469	552.4	.1001-03
7	.53200	.10000+00	275.00	.2626-01	.3102-01	.3036-01	60.54	1.590	.3485	555.0	.5918-03
7	.53200	.50000	277.00	.1866-01	.2202-01	.2156-01	60.88	1.136	.3450	549.4	.4203-03
7	.53200	.70000	278.00	.4954-02	.5847-02	.5723-02	60.89	.3017	.3448	549.2	.1116-03
7	.76500	.10000+00	281.00	.2786-01	.3291-01	.3221-01	60.61	1.689	.3477	553.8	.6278-03
7	.76500	.30000	282.00	.2446-01	.2888-01	.2827-01	60.70	1.485	.3468	552.3	.5510-03
7	.76500	.70000	284.00	.9688-02	.1143-01	.1119-01	60.90	.5900	.3448	549.1	.2182-03
7	.90500	.10000+00	287.00	.2929-01	.3460-01	.3387-01	60.59	1.775	.3480	554.2	.6602-03
7	.90500	.50000	288.00	.2015-01	.2379-01	.2328-01	60.89	1.227	.3449	549.2	.4539-03

ARC 3.5-199 OH26 (01) VERTICAL TAIL (RE2F03)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01

TEST DATA

RUN NUMBER	Z/BV	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
24	.15900	.10000+00	265.00	.1546-01	.1849-01	.1806-01	74.59	1.153	.3889	591.8	.2478-03
24	.15900	.30000	266.00	.1423-01	.1701-01	.1662-01	74.79	1.064	.3874	589.5	.2280-03
24	.15900	.70000	267.00	.2400-01	.2865-01	.2800-01	75.25	1.806	.3837	583.9	.3841-03
24	.29900	.10000+00	269.00	.1453-01	.1738-01	.1698-01	74.48	1.082	.3898	593.2	.2329-03
24	.29900	.30000	270.00	.1402-01	.1676-01	.1637-01	74.86	1.050	.3868	588.6	.2246-03
24	.29900	.50000	271.00	.1287-01	.1536-01	.1502-01	75.25	.9685	.3838	584.0	.2060-03
24	.53200	.10000+00	275.00	.1651-01	.1972-01	.1927-01	75.06	1.239	.3852	586.2	.2643-03
24	.53200	.70000	278.00	.1332-01	.1589-01	.1553-01	75.67	1.008	.3804	578.9	.2131-03
24	.53200	.90000	279.00	.2467-01	.2945-01	.2878-01	75.24	1.856	.3838	584.0	.3949-03
24	.76500	.10000+00	281.00	.2419-01	.2888-01	.2823-01	75.19	1.819	.3842	584.6	.3873-03
24	.76500	.30000	282.00	.1916-01	.2287-01	.2235-01	75.36	1.444	.3829	582.6	.3066-03
24	.76500	.50000	283.00	.1482-01	.1768-01	.1728-01	75.59	1.120	.3810	579.8	.2371-03
24	.76500	.70000	284.00	.1513-01	.1805-01	.1764-01	75.56	1.143	.3813	580.2	.2421-03
24	.90500	.10000+00	287.00	.2458-01	.2936-01	.2869-01	75.00	1.843	.3857	586.9	.3936-03
24	.90500	.50000	288.00	.1664-01	.1986-01	.1941-01	75.53	1.257	.3815	580.5	.2663-03

ARC 3.5-199 OH26 (01) VERTICAL TAIL

(RE2F04)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01

TEST DATA

RUN NUMBER	Z/BV	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
25	.15900	.10000+00	265.00	.2075-01	.2430-01	.2520-01	74.67	1.549	.3885	591.9	.3330-03
25	.15900	.30000	266.00	.1343-01	.1604-01	.1630-01	74.88	1.005	.3869	589.4	.2154-03
25	.15900	.70000	267.00	.3872-02	.4619-02	.4692-02	75.48	.2922	.3822	582.2	.6204-04
25	.29900	.10000+00	269.00	.2290-01	.2738-01	.2782-01	74.60	1.708	.3891	592.7	.3676-03
25	.29900	.30000	270.00	.1020-01	.1219-01	.1238-01	75.00	.7654	.3859	587.9	.1637-03
25	.29900	.50000	271.00	.9083-02	.1084-01	.1101-01	75.46	.6853	.3823	582.5	.1456-03
25	.53200	.10000+00	275.00	.4203-01	.5017-01	.5096-01	75.31	3.165	.3835	584.2	.6738-03
25	.53200	.70000	278.00	.4327-02	.5157-02	.5237-02	75.95	.3286	.3785	576.6	.6928-04
25	.53200	.90000	279.00	.4195-02	.5005-02	.5083-02	75.47	.3166	.3822	582.3	.6722-04
25	.76500	.10000+00	281.00	.4038-01	.4817-01	.4893-01	75.52	3.049	.3819	581.7	.6470-03
25	.76500	.30000	282.00	.2266-01	.2702-01	.2744-01	75.71	1.715	.3803	579.4	.3629-03
25	.76500	.50000	283.00	.1924-01	.2293-01	.2328-01	75.95	1.461	.3785	576.6	.3080-03
25	.76500	.70000	284.00	.9882-02	.1178-01	.1197-01	75.76	.7487	.3799	578.8	.1583-03
25	.90500	.10000+00	287.00	.4837-01	.5774-01	.5865-01	75.29	3.642	.3836	584.4	.7754-03
25	.90500	.50000	288.00	.1393-01	.1661-01	.1687-01	75.81	1.056	.3796	578.2	.2231-03

ARC 3.5-199 OH26 (01) VERTICAL TAIL (RE2F05)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01

TEST DATA

RUN NUMBER	Z/BV	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
26	.15900	.10000+00	265.00	.1734-01	.2063-01	.2056-01	77.42	1.343	.3730	574.2	.2794-03
26	.15900	.30000	266.00	.1027-01	.1222-01	.1217-01	77.57	.7969	.3718	572.5	.1655-03
26	.15900	.70000	267.00	.9577-03	.1138-02	.1134-02	77.91	.7461-01	.3691	568.4	.1541-04
26	.29900	.10000+00	269.00	.2180-01	.2596-01	.2586-01	77.11	1.681	.3753	577.9	.3514-03
26	.29900	.30000	270.00	.1253-01	.1491-01	.1485-01	77.43	.9703	.3728	574.0	.2019-03
26	.29900	.50000	271.00	.9995-02	.1188-01	.1184-01	77.78	.7774	.3701	569.9	.1609-03
26	.53200	.10000+00	275.00	.3118-01	.3709-01	.3695-01	77.46	2.415	.3726	573.7	.5022-03
26	.53200	.70000	278.00	.7167-02	.8517-02	.8485-02	77.93	.5585	.3689	568.1	.1153-03
26	.53200	.90000	279.00	.6883-02	.8188-02	.8157-02	77.44	.5330	.3728	574.0	.1109-03
26	.76500	.10000+00	281.00	.4352-01	.5177-01	.5158-01	77.44	3.370	.3727	573.9	.7010-03
26	.76500	.30000	282.00	.3025-01	.3597-01	.3583-01	77.61	2.347	.3714	571.9	.4871-03
26	.76500	.50000	283.00	.2523-01	.2999-01	.2988-01	77.82	1.964	.3698	569.4	.4062-03
26	.76500	.70000	284.00	.9494-02	.1129-01	.1125-01	77.53	.7361	.3720	572.8	.1529-03
26	.90500	.10000+00	287.00	.4843-01	.5768-01	.5746-01	77.03	3.731	.3760	578.9	.7808-03
26	.90500	.50000	288.00	.2313-01	.2751-01	.2741-01	77.49	1.792	.3723	573.3	.3725-03

ARC 3.5-199 OH26 (01) VERTICAL TAIL (RE2F14)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -7.000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01

TEST DATA

RUN NUMBER	Z/BV	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
52	.15900	.10000+00	265.00	.1750-01	.2074-01	.2029-01	59.52	1.042	.3598	573.5	.3955-03
52	.15900	.30000	266.00	.8340-02	.9881-02	.9667-02	59.63	.4973	.3587	571.7	.1884-03
52	.29900	.10000+00	269.00	.9271-02	.1099-01	.1075-01	59.46	.5512	.3604	574.5	.2095-03
52	.29900	.30000	270.00	.5439-02	.6443-02	.6303-02	59.64	.3244	.3585	571.5	.1229-03
52	.29900	.50000	271.00	.4918-02	.5823-02	.5697-02	59.84	.2943	.3565	568.3	.1111-03
52	.53200	.10000+00	275.00	.2803-01	.3320-01	.3248-01	59.75	1.675	.3575	569.8	.6331-03
52	.53200	.70000	278.00	.4317-02	.5107-02	.4998-02	60.07	.2593	.3541	564.5	.9742-04
52	.53200	.90000	279.00	.3632-02	.4300-02	.4208-02	59.85	.2174	.3564	568.0	.8202-04
52	.76500	.10000+00	281.00	.2804-01	.3320-01	.3249-01	59.84	1.678	.3565	568.3	.6332-03
52	.76500	.30000	282.00	.2453-01	.2904-01	.2841-01	59.92	1.470	.3557	566.9	.5538-03
52	.76500	.50000	283.00	.2441-01	.2888-01	.2826-01	60.02	1.465	.3546	565.2	.5509-03
52	.76500	.70000	284.00	.1014-01	.1199-01	.1173-01	60.08	.6090	.3540	564.3	.2288-03
52	.90500	.10000+00	287.00	.2841-01	.3364-01	.3291-01	59.83	1.700	.3566	568.4	.6415-03
52	.90500	.50000	288.00	.2077-01	.2457-01	.2404-01	60.09	1.248	.3539	564.1	.4687-03

ARC 3.5-199 OH26 (01) VERTICAL TAIL (RE2F15)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01

TEST DATA

RUN NUMBER	Z/BV	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
40	.15900	.10000+00	265.00	.2591-01	.3072-01	.3118-01	30.39	.7873	.3610	568.0	.1121-02
40	.15900	.30000	266.00	.1086-01	.1287-01	.1306-01	30.44	.3304	.3601	566.5	.4694-03
40	.29900	.10000+00	269.00	.2644-01	.3134-01	.3181-01	30.41	.8039	.3606	567.4	.1143-02
40	.29900	.30000	270.00	.1109-01	.1314-01	.1334-01	30.48	.3380	.3591	565.0	.4794-03
40	.29900	.50000	271.00	.4992-02	.5913-02	.6001-02	30.57	.1526	.3574	562.4	.2157-03
40	.53200	.10000+00	275.00	.3611-01	.4276-01	.4340-01	30.56	1.103	.3576	562.6	.1560-02
40	.53200	.50000	277.00	.1186-01	.1404-01	.1425-01	30.67	.3637	.3553	559.0	.5122-03
40	.53200	.70000	278.00	.4675-02	.5533-02	.5616-02	30.69	.1435	.3550	558.5	.2019-03
40	.53200	.90000	279.00	.4855-02	.5748-02	.5834-02	30.64	.1487	.3560	560.2	.2098-03
40	.76500	.10000+00	281.00	.4580-01	.5422-01	.5503-01	30.64	1.403	.3560	560.2	.1979-02
40	.76500	.30000	282.00	.3192-01	.3779-01	.3835-01	30.66	.9788	.3555	559.3	.1379-02
40	.76500	.50000	283.00	.2716-01	.3214-01	.3262-01	30.69	.8336	.3549	558.4	.1173-02
40	.76500	.70000	284.00	.1114-01	.1318-01	.1338-01	30.73	.3423	.3542	557.3	.4811-03
40	.90500	.10000+00	287.00	.4216-01	.4991-01	.5065-01	30.66	1.293	.3555	559.2	.1821-02
40	.90500	.50000	288.00	.1726-01	.2042-01	.2072-01	30.74	.5306	.3539	556.8	.7452-03

ARC 3.5-199 OH26 (01) VERTICAL TAIL (RE2F16)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01

TEST DATA

RUN NUMBER	Z/BV	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
41	.15900	.10000+00	265.00	.2316-01	.2742-01	.2783-01	60.29	1.396	.3572	575.2	.5274-03
41	.15900	.30000	266.00	.1553-01	.1838-01	.1866-01	60.39	.9378	.3561	573.4	.3536-03
41	.29900	.10000+00	269.00	.2299-01	.2723-01	.2764-01	60.21	1.384	.3580	576.5	.5236-03
41	.29900	.30000	270.00	.1070-01	.1267-01	.1286-01	60.39	.6462	.3561	573.5	.2436-03
41	.29900	.50000	271.00	.9750-02	.1154-01	.1171-01	60.60	.5909	.3539	570.0	.2219-03
41	.53200	.10000+00	275.00	.5107-01	.6044-01	.6134-01	60.50	3.090	.3550	571.7	.1163-02
41	.53200	.50000	277.00	.1955-01	.2311-01	.2345-01	60.80	1.188	.3519	566.7	.4446-03
41	.53200	.70000	278.00	.4658-02	.5508-02	.5590-02	60.79	.2831	.3521	567.0	.1060-03
41	.53200	.90000	279.00	.4460-02	.5278-02	.5357-02	60.53	.2699	.3547	571.3	.1015-03
41	.76500	.10000+00	281.00	.4062-01	.4807-01	.4878-01	60.56	2.460	.3543	570.7	.9246-03
41	.76500	.30000	282.00	.2398-01	.2837-01	.2879-01	60.65	1.455	.3535	569.2	.5458-03
41	.76500	.50000	283.00	.2179-01	.2577-01	.2615-01	60.75	1.324	.3525	567.6	.4958-03
41	.76500	.70000	284.00	.9011-02	.1066-01	.1081-01	60.76	.5475	.3523	567.4	.2050-03
41	.90500	.10000+00	287.00	.4043-01	.4784-01	.4855-01	60.54	2.448	.3546	571.0	.9202-03
41	.90500	.50000	288.00	.1569-01	.1855-01	.1883-01	60.77	.9534	.3522	567.3	.3569-03

ARC 3.5-199 OH26 (01) VERTICAL TAIL (RE2F17)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01

TEST DATA

RUN NUMBER	Z/BV	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
46	.15900	.10000+00	265.00	.2231-01	.2631-01	.2576-01	32.49	.7249	.3427	553.2	.9656-03
46	.15900	.30000	266.00	.8732-02	.1030-01	.1008-01	32.54	.2841	.3419	552.0	.3779-03
46	.29900	.10000+00	269.00	.1017-01	.1199-01	.1174-01	32.51	.3306	.3425	552.9	.4401-03
46	.29900	.30000	270.00	.5590-02	.6590-02	.6452-02	32.58	.1821	.3410	550.6	.2419-03
46	.29900	.50000	271.00	.3570-02	.4207-02	.4119-02	32.66	.1166	.3395	548.1	.1544-03
46	.53200	.10000+00	275.00	.1278-01	.1506-01	.1475-01	32.64	.4172	.3399	548.6	.5529-03
46	.53200	.50000	277.00	.8933-02	.1052-01	.1030-01	32.76	.2926	.3376	545.0	.3862-03
46	.53200	.70000	278.00	.3724-02	.4386-02	.4295-02	32.77	.1221	.3373	544.6	.1610-03
46	.53200	.90000	279.00	.2707-02	.3189-02	.3122-02	32.72	.8857-01	.3383	546.1	.1170-03
46	.76500	.10000+00	281.00	.1771-01	.2086-01	.2043-01	32.72	.5794	.3384	546.3	.7659-03
46	.76500	.50000	283.00	.1379-01	.1624-01	.1590-01	32.77	.4519	.3373	544.5	.5961-03
46	.76500	.70000	284.00	.8201-02	.9657-02	.9455-02	32.80	.2690	.3368	543.8	.3545-03
46	.90500	.10000+00	287.00	.1954-01	.2302-01	.2254-01	32.73	.6395	.3382	546.0	.8450-03
46	.90500	.50000	288.00	.1185-01	.1395-01	.1366-01	32.81	.3888	.3366	543.4	.5123-03

ARC 3.5-199 OH26 (01) VERTICAL TAIL

(RE2F18)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01

TEST DATA

RUN NUMBER	Z/BV	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
47	.15900	.10000+00	265.00	.1656-01	.1963-01	.1920-01	57.82	.9574	.3610	559.8	.3674-03
47	.15900	.30000	266.00	.8313-02	.9853-02	.9639-02	57.90	.4813	.3602	558.6	.1845-03
47	.29900	.10000+00	269.00	.9424-02	.1118-01	.1093-01	57.74	.5441	.3619	561.2	.2092-03
47	.29900	.30000	270.00	.5370-02	.6364-02	.6226-02	57.89	.3109	.3603	558.7	.1191-03
47	.29900	.50000	271.00	.4381-02	.5190-02	.5077-02	58.06	.2544	.3585	555.9	.9717-04
47	.53200	.10000+00	275.00	.2687-01	.3184-01	.3115-01	57.97	1.558	.3595	557.5	.5961-03
47	.53200	.50000	277.00	.1731-01	.2049-01	.2005-01	58.18	1.007	.3572	554.0	.3837-03
47	.53200	.70000	278.00	.4567-02	.5407-02	.5290-02	58.26	.2661	.3564	552.7	.1012-03
47	.53200	.90000	279.00	.3599-02	.4264-02	.4171-02	58.04	.2089	.3587	556.3	.7983-04
47	.76500	.10000+00	281.00	.2700-01	.3198-01	.3129-01	58.03	1.567	.3588	556.4	.5988-03
47	.76500	.30000	282.00	.2381-01	.2820-01	.2759-01	58.10	1.383	.3581	555.3	.5281-03
47	.76500	.50000	283.00	.2323-01	.2751-01	.2692-01	58.20	1.352	.3570	553.6	.5152-03
47	.76500	.70000	284.00	.1000-01	.1184-01	.1159-01	58.24	.5825	.3566	553.0	.2218-03
47	.90500	.10000+00	287.00	.2689-01	.3186-01	.3117-01	57.99	1.559	.3592	557.1	.5964-03
47	.90500	.50000	288.00	.1950-01	.2308-01	.2258-01	58.24	1.135	.3566	553.0	.4322-03

ARC 3.5-199 OH26 (01) VERTICAL TAIL (RE2F19)

VERTICAL TAIL

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -30.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01

TEST DATA

RUN NUMBER	Z/BV	X/C	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
53	.15900	.10000+00	265.00	.1688-01	.2000-01	.1956-01	59.29	1.001	.3577	566.2	.3798-03
53	.15900	.30000	266.00	.8354-02	.9891-02	.9678-02	59.41	.4964	.3565	564.3	.1879-03
53	.29900	.10000+00	269.00	.9237-02	.1094-01	.1070-01	59.27	.5475	.3580	566.7	.2078-03
53	.29900	.30000	270.00	.5514-02	.6526-02	.6386-02	59.49	.3280	.3556	562.9	.1240-03
53	.29900	.50000	271.00	.5348-02	.6326-02	.6191-02	59.73	.3195	.3531	559.0	.1202-03
53	.53200	.10000+00	275.00	.2822-01	.3338-01	.3267-01	59.66	1.683	.3539	560.2	.6341-03
53	.53200	.70000	278.00	.4361-02	.5154-02	.5044-02	60.05	.2619	.3498	553.7	.9793-04
53	.53200	.90000	279.00	.3948-02	.4668-02	.4568-02	59.83	.2362	.3522	557.5	.8869-04
53	.76500	.10000+00	281.00	.2803-01	.3314-01	.3243-01	59.81	1.676	.3523	557.8	.6297-03
53	.76500	.30000	282.00	.2464-01	.2913-01	.2850-01	59.89	1.476	.3515	556.3	.5534-03
53	.76500	.50000	283.00	.2415-01	.2854-01	.2793-01	60.02	1.450	.3502	554.3	.5423-03
53	.76500	.70000	284.00	.9918-02	.1172-01	.1147-01	60.07	.5958	.3496	553.4	.2227-03
53	.90500	.10000+00	287.00	.2818-01	.3333-01	.3262-01	59.80	1.685	.3525	558.0	.6332-03
53	.90500	.50000	288.00	.2041-01	.2411-01	.2360-01	60.07	1.226	.3497	553.5	.4582-03

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE (RE2H01)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
3	7.320	.8133	225.7	1648.	408.6	.9836-01	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
3	.91800	271.60	971.00	.7275-01	.8542-01	.8367-01	34.15	2.484	.3259	555.0	.3347-02
3	.91800	280.00	970.00	.5979-01	.7021-01	.6877-01	34.15	2.042	.3259	554.9	.2751-02
3	.94300	275.60	975.00	.7783-01	.9139-01	.8952-01	34.12	2.656	.3263	555.7	.3581-02
3	.94300	284.00	974.00	.7781-01	.9137-01	.8950-01	34.13	2.655	.3263	555.5	.3580-02
3	.94300	308.00	973.00	.8894-04	.1044-03	.1023-03	34.20	.3042-02	.3249	553.3	.4091-05
3	.96700	280.80	980.00	.7873-01	.9246-01	.9057-01	34.10	2.685	.3267	556.4	.3622-02
3	.96700	308.00	978.00	.1341-02	.1574-02	.1542-02	34.18	.4584-01	.3252	553.8	.6168-04
3	.96700	336.80	977.00	.1473-02	.1729-02	.1693-02	34.19	.5035-01	.3250	553.4	.6773-04
3	.96700	391.20	976.00	.1363-02	.1600-02	.1567-02	34.20	.4661-01	.3249	553.3	.6269-04

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE (RE2H02)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
8	7.320	3.612	873.5	1521.	374.9	.4012	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
8	.91800	271.60	971.00	.9247-01	.1095	.1071	58.59	5.418	.3572	558.1	.2062-02
8	.91800	280.00	970.00	.6290-01	.7448-01	.7287-01	58.62	3.687	.3569	557.7	.1403-02
8	.94300	275.60	975.00	.1346	.1594	.1560	58.52	7.876	.3579	559.3	.3002-02
8	.94300	284.00	974.00	.1169	.1385	.1355	58.56	6.849	.3575	558.6	.2608-02
8	.94300	308.00	973.00	.1996-02	.2363-02	.2312-02	58.61	.1170	.3569	557.8	.4450-04
8	.96700	280.80	980.00	.1328	.1573	.1539	58.52	7.769	.3579	559.3	.2961-02
8	.96700	290.00	979.00	.6928-01	.8205-01	.8027-01	58.57	4.058	.3574	558.5	.1545-02
8	.96700	308.00	978.00	.2692-02	.3188-02	.3119-02	58.55	.1576	.3575	558.7	.6004-04
8	.96700	336.80	977.00	.3001-02	.3554-02	.3477-02	58.59	.1759	.3572	558.1	.6693-04
8	.96700	391.20	976.00	.3218-02	.3811-02	.3728-02	58.61	.1886	.3570	557.8	.7176-04

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE

(RE2H03)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
23	7.320	6.954	1658.	1508.	371.7	.7656	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
23	.91800	271.60	971.00	.6513-01	.7743-01	.7571-01	78.24	5.096	.3707	574.2	.1052-02
23	.91800	280.00	970.00	.1614-01	.1918-01	.1876-01	78.28	1.263	.3704	573.8	.2606-03
23	.94300	275.60	975.00	.1354	.1610	.1574	77.99	10.56	.3727	577.2	.2187-02
23	.94300	284.00	974.00	.6340-01	.7541-01	.7373-01	78.10	4.952	.3718	575.9	.1024-02
23	.94300	308.00	973.00	.2954-02	.3512-02	.3434-02	78.31	.2314	.3702	573.4	.4770-04
23	.96700	280.80	980.00	.1504	.1790	.1750	77.86	11.71	.3737	578.8	.2430-02
23	.96700	290.00	979.00	.6288-01	.7481-01	.7314-01	77.96	4.902	.3729	577.6	.1016-02
23	.96700	308.00	978.00	.4169-02	.4958-02	.4847-02	78.15	.3258	.3714	575.3	.6733-04
23	.96700	336.80	977.00	.4444-02	.5283-02	.5166-02	78.25	.3477	.3707	574.2	.7175-04
23	.96700	391.20	976.00	.5567-02	.6618-02	.6471-02	78.33	.4361	.3701	573.2	.8988-04

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE

(RE2H04)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
22	7.320	6.947	1652.	1506.	371.0	.7636	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
22	.91800	271.60	971.00	.3427-01	.4071-01	.4133-01	78.30	2.683	.3680	569.0	.5534-03
22	.91800	280.00	970.00	.8545-02	.1015-01	.1031-01	78.34	.6694	.3678	568.6	.1380-03
22	.94300	275.60	975.00	.8001-01	.9511-01	.9656-01	78.06	6.245	.3699	572.0	.1293-02
22	.94300	284.00	974.00	.3456-01	.4107-01	.4169-01	78.15	2.700	.3692	570.9	.5582-03
22	.94300	308.00	973.00	.4780-02	.5678-02	.5765-02	78.33	.3744	.3678	568.7	.7719-04
22	.96700	280.80	980.00	.9839-01	.1170	.1188	77.90	7.665	.3711	573.9	.1590-02
22	.96700	290.00	979.00	.3902-01	.4639-01	.4711-01	77.98	3.043	.3705	572.9	.6306-03
22	.96700	308.00	978.00	.4682-02	.5565-02	.5650-02	78.16	.3660	.3691	570.7	.7564-04
22	.96700	336.80	977.00	.8911-02	.1059-01	.1075-01	78.27	.6974	.3683	569.5	.1439-03
22	.96700	391.20	976.00	.8531-02	.1013-01	.1029-01	78.34	.6683	.3678	568.6	.1378-03

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE

(RE2H05)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
13	7.320	7.260	1654.	1468.	361.1	.7768	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
13	.91800	271.60	971.00	.5100-01	.6061-01	.6039-01	76.01	3.876	.3696	556.2	.8098-03
13	.91800	280.00	970.00	.1444-01	.1716-01	.1710-01	76.07	1.098	.3691	555.5	.2293-03
13	.94300	275.60	975.00	.1251	.1488	.1482	75.80	9.484	.3713	558.7	.1988-02
13	.94300	284.00	974.00	.9056-01	.1077	.1073	75.89	6.873	.3705	557.6	.1438-02
13	.94300	308.00	973.00	.3534-02	.4200-02	.4184-02	76.12	.2691	.3687	554.9	.5611-04
13	.96700	280.80	980.00	.1421	.1690	.1684	75.66	10.75	.3724	560.4	.2258-02
13	.96700	308.00	978.00	.4811-02	.5719-02	.5697-02	75.98	.3656	.3698	556.6	.7640-04
13	.96700	336.80	977.00	.5976-02	.7101-02	.7074-02	76.09	.4547	.3690	555.3	.9487-04
13	.96700	391.20	976.00	.6904-02	.8202-02	.8172-02	76.15	.5257	.3685	554.5	.1096-03

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE (RE2H06)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 5.000 BDFLAP = 5.000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
36	7.320	1.013	234.9	1484.	365.1	.1096	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
36	.91800	271.60	971.00	.2866-01	.3403-01	.3455-01	29.16	.8357	.3658	556.7	.1215-02
36	.91800	280.00	970.00	.1451-01	.1723-01	.1749-01	29.17	.4233	.3656	556.4	.6151-03
36	.94300	275.60	975.00	.4889-01	.5804-01	.5893-01	29.16	1.426	.3657	556.6	.2072-02
36	.94300	284.00	974.00	.2290-01	.2719-01	.2760-01	29.16	.6679	.3657	556.6	.9707-03
36	.94300	308.00	973.00	.4481-02	.5320-02	.5401-02	29.14	.1306	.3662	557.3	.1899-03
36	.96700	280.80	980.00	.3493-01	.4146-01	.4209-01	29.18	1.019	.3653	555.9	.1480-02
36	.96700	290.00	979.00	.6806-02	.8079-02	.8201-02	29.18	.1986	.3653	555.9	.2884-03
36	.96700	308.00	978.00	.4901-02	.5819-02	.5908-02	29.13	.1427	.3665	557.7	.2077-03
36	.96700	336.80	977.00	.5985-02	.7107-02	.7215-02	29.14	.1744	.3663	557.4	.2537-03
36	.96700	391.20	976.00	.5110-02	.6068-02	.6160-02	29.14	.1489	.3663	557.4	.2166-03

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE (RE2H07)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 5.000 BDFLAP = 5.000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
37	7.320	3.482	871.5	1552.	383.1	.3951	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
37	.91800	271.60	971.00	.6028-01	.7123-01	.7228-01	60.56	3.651	.3495	558.1	.1362-02
37	.91800	280.00	970.00	.3986-01	.4710-01	.4780-01	60.58	2.415	.3494	557.8	.9005-03
37	.94300	275.60	975.00	.9294-01	.1098	.1115	60.49	5.622	.3503	559.3	.2100-02
37	.94300	284.00	974.00	.5909-01	.6983-01	.7086-01	60.51	3.575	.3501	559.0	.1335-02
37	.94300	308.00	973.00	.4915-02	.5808-02	.5893-02	60.59	.2978	.3493	557.7	.1110-03
37	.96700	280.80	980.00	.6136-01	.7254-01	.7361-01	60.41	3.707	.3511	560.6	.1387-02
37	.96700	290.00	979.00	.1526-01	.1803-01	.1830-01	60.43	.9219	.3509	560.3	.3448-03
37	.96700	308.00	978.00	.8941-02	.1057-01	.1072-01	60.51	.5410	.3501	558.9	.2020-03
37	.96700	336.80	977.00	.8184-02	.9670-02	.9813-02	60.56	.4956	.3495	558.1	.1849-03
37	.96700	391.20	976.00	.6893-02	.8144-02	.8264-02	60.59	.4176	.3492	557.6	.1557-03

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE (RE2H08)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = 5.000 BDFLAP = 5.000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
34	7.320	.9538	240.0	1557.	384.4	.1086	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
34	.91800	271.60	971.00	.8532-01	.1008	.9861-01	32.01	2.731	.3473	556.4	.3679-02
34	.91800	280.00	970.00	.5217-01	.6161-01	.6030-01	32.02	1.671	.3471	556.1	.2250-02
34	.94300	275.60	975.00	.1322	.1561	.1528	32.01	4.231	.3472	556.3	.5699-02
34	.94300	284.00	974.00	.8048-01	.9504-01	.9302-01	32.01	2.576	.3472	556.3	.3470-02
34	.94300	308.00	973.00	.1141-03	.1347-03	.1319-03	32.00	.3651-02	.3475	556.8	.4920-05
34	.96700	280.80	980.00	.8761-01	.1034	.1013	32.03	2.806	.3469	555.7	.3777-02
34	.96700	290.00	979.00	.1699-01	.2006-01	.1964-01	32.03	.5443	.3468	555.7	.7326-03
34	.96700	308.00	978.00	.1368-02	.1615-02	.1581-02	31.98	.4373-01	.3478	557.3	.5897-04
34	.96700	336.80	977.00	.2411-02	.2847-02	.2787-02	31.99	.7712-01	.3476	557.0	.1040-03
34	.96700	391.20	976.00	.9285-03	.1097-02	.1073-02	31.99	.2970-01	.3477	557.0	.4004-04

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE (RE2H09)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = 5.000 BDFLAP = 5.000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
35	7.320	3.592	878.4	1531.	377.6	.4018	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
35	.91800	271.60	971.00	.1211	.1433	.1402	59.49	7.203	.3539	556.9	.2703-02
35	.91800	280.00	970.00	.9819-01	.1162	.1137	59.52	5.844	.3536	556.5	.2191-02
35	.94300	275.60	975.00	.1638	.1938	.1896	59.44	9.735	.3544	557.7	.3656-02
35	.94300	284.00	974.00	.1295	.1532	.1499	59.47	7.699	.3541	557.2	.2890-02
35	.94300	308.00	973.00	.2386-02	.2823-02	.2762-02	59.48	.1419	.3540	557.1	.5325-04
35	.96700	280.80	980.00	.1152	.1364	.1334	59.44	6.849	.3544	557.7	.2572-02
35	.96700	290.00	979.00	.2985-01	.3532-01	.3456-01	59.46	1.775	.3542	557.4	.6663-03
35	.96700	308.00	978.00	.3173-02	.3755-02	.3674-02	59.42	.1885	.3547	558.1	.7083-04
35	.96700	336.80	977.00	.3786-02	.4480-02	.4384-02	59.45	.2251	.3543	557.5	.8451-04
35	.96700	391.20	976.00	.3528-02	.4174-02	.4084-02	59.47	.2098	.3541	557.2	.7873-04

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE

(RE2H10)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 10.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
14	7.320	1.012	243.7	1517.	373.9	.1121	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
14	.91800	271.60	971.00	.3584-01	.4245-01	.4309-01	30.82	1.105	.3580	557.8	.1511-02
14	.91800	280.00	970.00	.1750-01	.2072-01	.2103-01	30.82	.5392	.3579	557.7	.7375-03
14	.94300	275.60	975.00	.6839-01	.8102-01	.8223-01	30.80	2.106	.3584	558.4	.2883-02
14	.94300	284.00	974.00	.2396-01	.2838-01	.2880-01	30.80	.7378	.3583	558.3	.1010-02
14	.94300	308.00	973.00	.3212-02	.3805-02	.3862-02	30.81	.9896-01	.3582	558.1	.1354-03
14	.96700	280.80	980.00	.2436-01	.2885-01	.2929-01	30.78	.7496	.3587	559.0	.1027-02
14	.96700	308.00	978.00	.4026-02	.4769-02	.4841-02	30.78	.1239	.3587	559.0	.1697-03
14	.96700	336.80	977.00	.5779-02	.6846-02	.6948-02	30.80	.1780	.3584	558.4	.2436-03
14	.96700	391.20	976.00	.5207-02	.6168-02	.6260-02	30.80	.1604	.3582	558.2	.2195-03

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE (RE2H11)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 10.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
15	7.320	3.887	881.0	1464.	360.0	.4146	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
15	.91800	271.60	971.00	.6074-01	.7227-01	.7338-01	54.95	3.338	.3734	560.2	.1320-02
15	.91800	280.00	970.00	.3608-01	.4293-01	.4359-01	54.97	1.983	.3731	559.8	.7840-03
15	.94300	275.60	975.00	.9926-01	.1181	.1200	54.90	5.449	.3740	561.1	.2157-02
15	.94300	284.00	974.00	.4833-01	.5751-01	.5840-01	54.91	2.654	.3738	560.9	.1050-02
15	.94300	308.00	973.00	.5864-02	.6978-02	.7085-02	54.94	.3222	.3735	560.3	.1274-03
15	.96700	260.80	980.00	.3630-01	.4321-01	.4387-01	54.85	1.991	.3745	561.8	.7890-03
15	.96700	308.00	978.00	.7483-02	.8907-02	.9044-02	54.88	.4107	.3742	561.4	.1627-03
15	.96700	336.80	977.00	.8187-02	.9743-02	.9893-02	54.93	.4497	.3736	560.6	.1779-03
15	.96700	391.20	976.00	.7566-02	.9002-02	.9141-02	54.95	.4157	.3734	560.2	.1644-03

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE

(RE2H12)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 15.00 BDFLAP = 15.00
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
21	7.320	.9826	235.3	1512.	372.7	.1085	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
21	.91800	271.60	971.00	.3846-01	.4549-01	.4616-01	30.44	1.171	.3527	547.8	.1645-02
21	.91800	280.00	970.00	.1228-01	.1452-01	.1474-01	30.44	.3738	.3526	547.7	.5251-03
21	.94300	275.60	975.00	.7163-01	.8472-01	.8598-01	30.43	2.180	.3530	548.2	.3063-02
21	.94300	284.00	974.00	.2001-01	.2367-01	.2402-01	30.43	.6090	.3530	548.3	.8559-03
21	.94300	308.00	973.00	.3091-02	.3655-02	.3709-02	30.47	.9416-01	.3522	547.0	.1321-03
21	.96700	280.80	980.00	.2006-01	.2373-01	.2408-01	30.41	.6100	.3533	548.8	.8578-03
21	.96700	290.00	979.00	.4713-02	.5575-02	.5658-02	30.42	.1433	.3532	548.6	.2016-03
21	.96700	308.00	978.00	.5349-02	.6326-02	.6420-02	30.44	.1628	.3526	547.7	.2287-03
21	.96700	336.80	977.00	.5887-02	.6962-02	.7066-02	30.46	.1793	.3524	547.3	.2517-03
21	.96700	391.20	976.00	.6027-02	.7127-02	.7233-02	30.46	.1836	.3523	547.2	.2577-03

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE (RE2H13)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 15.00 BDFLAP = 15.00
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
20	7.320	3.576	874.0	1530.	377.4	.3999	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
20	.91800	271.60	971.00	.8796-01	.1043	.1059	58.54	5.150	.3620	569.4	.1971-02
20	.91800	280.00	970.00	.5044-01	.5982-01	.6072-01	58.54	2.953	.3620	569.5	.1130-02
20	.94300	275.60	975.00	.8568-01	.1016	.1032	58.45	5.008	.3630	571.0	.1921-02
20	.94300	284.00	974.00	.3381-01	.4011-01	.4071-01	58.45	1.976	.3630	570.9	.7579-03
20	.94300	308.00	973.00	.4665-02	.5532-02	.5616-02	58.51	.2729	.3624	570.0	.1046-03
20	.96700	280.80	980.00	.2704-01	.3207-01	.3256-01	58.45	1.580	.3630	571.0	.6060-03
20	.96700	308.00	978.00	.6714-02	.7965-02	.8085-02	58.45	.3924	.3630	571.0	.1505-03
20	.96700	336.80	977.00	.4585-02	.5438-02	.5520-02	58.48	.2682	.3626	570.4	.1028-03
20	.96700	391.20	976.00	.7448-02	.8833-02	.8967-02	58.53	.4359	.3622	569.7	.1669-03

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE (RE2H14)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -7.000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
51	7.320	3.451	873.5	1562.	385.8	.3943	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
51	.91800	271.60	971.00	.1214	.1435	.1405	60.95	7.401	.3508	564.0	.2753-02
51	.91800	280.00	970.00	.1170	.1383	.1354	60.95	7.132	.3507	563.8	.2653-02
51	.94300	275.60	975.00	.1074	.1270	.1243	60.82	6.533	.3521	566.1	.2436-02
51	.94300	284.00	974.00	.1053	.1245	.1218	60.87	6.407	.3516	565.3	.2387-02
51	.94300	308.00	973.00	.1303-02	.1540-02	.1507-02	61.05	.7954-01	.3497	562.3	.2953-04
51	.96700	280.80	980.00	.1074	.1271	.1243	60.76	6.528	.3527	567.0	.2437-02
51	.96700	308.00	978.00	.2455-02	.2901-02	.2839-02	60.97	.1497	.3505	563.5	.5564-04
51	.96700	336.80	977.00	.2325-02	.2748-02	.2689-02	61.01	.1418	.3501	562.9	.5270-04
51	.96700	391.20	976.00	.2851-02	.3369-02	.3297-02	61.03	.1740	.3499	562.5	.6461-04

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE (RE2H15)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
38	7.320	.9205	235.2	1571.	308.1	.1058	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
38	.91800	271.60	971.00	.1520-01	.1796-01	.1822-01	31.93	.4854	.3485	563.6	.6662-03
38	.91800	280.00	970.00	.7444-02	.8793-02	.8923-02	31.94	.2377	.3484	563.4	.3263-03
38	.94300	275.60	975.00	.3323-01	.3925-01	.3983-01	31.92	1.060	.3488	564.1	.1456-02
38	.94300	284.00	974.00	.2907-01	.3434-01	.3485-01	31.92	.9279	.3487	564.0	.1274-02
38	.94300	308.00	973.00	.1878-03	.2218-03	.2251-03	31.94	.5998-02	.3483	563.2	.8230-05
38	.96700	280.80	980.00	.3838-01	.4534-01	.4601-01	31.92	1.225	.3488	564.1	.1682-02
38	.96700	290.00	979.00	.3112-01	.3677-01	.3731-01	31.93	.9937	.3486	563.7	.1364-02
38	.96700	308.00	978.00	.7006-02	.8276-02	.8398-02	31.93	.2237	.3486	563.8	.3071-03
38	.96700	336.80	977.00	.2833-02	.3346-02	.3396-02	31.93	.9047-01	.3484	563.5	.1242-03
38	.96700	391.20	976.00	.5216-02	.6162-02	.6253-02	31.93	.1665	.3486	563.8	.2286-03

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE

(RE2H16)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
42	7.320	3.589	870.8	1524.	375.7	.3995	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
42	.91800	271.60	971.00	.2428-01	.2875-01	.2917-01	58.73	1.426	.3560	557.4	.5429-03
42	.91800	280.00	970.00	.2288-01	.2708-01	.2748-01	58.75	1.344	.3557	556.9	.5115-03
42	.94300	275.60	975.00	.2723-01	.3225-01	.3273-01	58.63	1.596	.3571	559.1	.6090-03
42	.94300	284.00	974.00	.2376-01	.2814-01	.2856-01	58.66	1.394	.3567	558.4	.5314-03
42	.94300	308.00	973.00	.3090-03	.3657-03	.3712-03	58.79	.1817-01	.3554	556.4	.6908-05
42	.96700	280.80	980.00	.3493-01	.4136-01	.4198-01	58.63	2.048	.3571	559.1	.7811-03
42	.96700	308.00	978.00	.1239-01	.1466-01	.1488-01	58.73	.7274	.3559	557.3	.2769-03
42	.96700	336.80	977.00	.5779-02	.6840-02	.6943-02	58.76	.3395	.3557	556.9	.1292-03
42	.96700	391.20	976.00	.7237-02	.8568-02	.8695-02	58.73	.4251	.3560	557.3	.1618-03

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE (RE2H17)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
45	7.320	.9280	240.2	1582.	391.2	.1075	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
45	.91800	271.60	971.00	.3247-01	.3823-01	.3743-01	33.16	1.077	.3365	548.6	.1412-02
45	.91800	280.00	970.00	.2513-01	.2958-01	.2897-01	33.17	.8334	.3363	548.3	.1093-02
45	.94300	275.60	975.00	.4216-01	.4964-01	.4860-01	33.14	1.397	.3368	549.0	.1833-02
45	.94300	284.00	974.00	.3563-01	.4195-01	.4108-01	33.15	1.181	.3366	548.7	.1549-02
45	.96700	280.80	980.00	.4411-01	.5194-01	.5086-01	33.16	1.463	.3365	548.6	.1918-02
45	.96700	308.00	978.00	.1919-01	.2260-01	.2213-01	33.16	.6365	.3364	548.4	.8346-03
45	.96700	336.80	977.00	.3003-02	.3536-02	.3462-02	33.17	.9962-01	.3362	548.1	.1306-03
45	.96700	391.20	976.00	.8615-03	.1014-02	.9932-03	33.16	.2857-01	.3364	548.4	.3746-04

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE

(RE2H18)

AFT FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
48	7.320	3.537	872.9	1539.	379.8	.3979	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
48	.91800	271.60	971.00	.8710-01	.1029	.1007	60.05	5.230	.3499	553.7	.1956-02
48	.91800	280.00	970.00	.8425-01	.9955-01	.9742-01	60.09	5.062	.3494	553.1	.1891-02
48	.94300	275.60	975.00	.8246-01	.9748-01	.9540-01	59.93	4.942	.3510	555.6	.1852-02
48	.94300	284.00	974.00	.9101-01	.1076	.1053	59.98	5.459	.3505	554.8	.2044-02
48	.94300	308.00	973.00	.8640-03	.1021-02	.9989-03	60.20	.5201-01	.3483	551.3	.1939-04
48	.96700	280.80	980.00	.6879-01	.8133-01	.7959-01	59.90	4.121	.3514	556.2	.1545-02
48	.96700	308.00	978.00	.4409-01	.5209-01	.5098-01	60.14	2.651	.3489	552.3	.9896-03
48	.96700	336.80	977.00	.1157-01	.1366-01	.1337-01	60.18	.6960	.3485	551.6	.2596-03
48	.96700	391.20	976.00	.2287-02	.2702-02	.2644-02	60.16	.1376	.3487	551.9	.5133-04

ARC 3.5-199 OH26 (01) AFT FUSELAGE SIDE

AFT FUSELAGE SIDE (RE2H19)

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -30.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
54	7.320	3.659	874.8	1511.	372.3	.4035	.1750-01

TEST DATA

RUN NUMBER	X/L	Z	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
54	.91800	271.60	971.00	.5452-01	.6442-01	.5304-01	58.97	3.215	.3491	541.6	.1207-02
54	.91800	280.00	970.00	.4232-01	.4999-01	.4893-01	59.00	2.497	.3488	541.1	.9371-03
54	.94300	275.60	975.00	.6910-01	.8167-01	.7993-01	58.86	4.067	.3503	543.4	.1531-02
54	.94300	284.00	974.00	.4480-01	.5295-01	.5181-01	58.89	2.638	.3499	542.9	.9924-03
54	.94300	308.00	973.00	.1765-01	.2084-01	.2040-01	59.14	1.044	.3472	538.7	.3907-03
54	.96700	280.80	980.00	.4567-01	.5398-01	.5283-01	56.79	2.685	.3510	544.6	.1012-02
54	.96700	290.00	979.00	.4764-01	.5631-01	.5510-01	58.83	2.803	.3505	543.8	.1055-02
54	.96700	308.00	978.00	.2873-01	.3393-01	.3321-01	59.06	1.697	.3481	540.1	.6361-03
54	.96700	336.80	977.00	.1856-01	.2192-01	.2145-01	59.11	1.097	.3475	539.2	.4109-03
54	.96700	391.20	976.00	.1343-02	.1586-02	.1553-02	59.13	.7943-01	.3473	538.9	.2974-04

ARC 3.5-199 OH26 (01) FUSELAGE SIDE (RE2101)

FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
5	7.320	.8912	234.1	1596.	394.8	.1042	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
5	105.00	.40100	135.00	.1621-01	.1912-01	.1872-01	32.74	.5309	.3423	563.2	.7191-03
5	105.00	.50100	136.00	.2371-01	.2787-01	.2730-01	33.33	.7901	.3310	544.7	.1049-02
5	105.00	.60100	137.00	.1370-01	.1611-01	.1578-01	33.34	.4569	.3308	544.4	.6065-03
5	105.00	.70100	138.00	.5111-02	.6009-02	.5885-02	33.33	.1703	.3310	544.7	.2262-03
5	105.00	.80000	139.00	.5615-03	.6601-03	.6464-03	33.35	.1873-01	.3305	543.9	.2484-04
5	113.00	.60100	146.00	.2754-01	.3239-01	.3172-01	33.31	.9175	.3314	545.3	.1219-02
5	135.00	.50100	143.00	.1218-02	.1432-02	.1402-02	33.31	.4055-01	.3314	545.3	.5388-04
5	135.00	.60100	144.00	.1895-02	.2228-02	.2182-02	33.32	.6315-01	.3311	544.8	.8387-04
5	135.00	.70100	145.00	.2037-02	.2395-02	.2345-02	33.34	.6791-01	.3308	544.4	.9014-04

ARC 3.5-199 OH26 (01) FUSELAGE SIDE

FUSELAGE SIDE (RE2102)

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
6	7.320	3.709	872.9	1497.	368.6	.4051	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
6	105.00	.50100	136.00	.1703-01	.2017-01	.1974-01	57.45	.9783	.3584	550.5	.3760-03
6	105.00	.60100	137.00	.4617-01	.5469-01	.5350-01	57.51	2.655	.3577	549.5	.1019-02
6	105.00	.70100	138.00	.1693-01	.2005-01	.1962-01	57.51	.9735	.3577	549.5	.3737-03
6	105.00	.80000	139.00	.6434-02	.7618-02	.7453-02	57.60	.3706	.3567	548.0	.1420-03
6	113.00	.60100	146.00	.2539-01	.3009-01	.2943-01	57.40	1.458	.3588	551.2	.5607-03
6	135.00	.50100	143.00	.2355-02	.2791-02	.2730-02	57.35	.1351	.3593	552.0	.5200-04
6	135.00	.60100	144.00	.5488-02	.6502-02	.6361-02	57.42	.3152	.3586	550.9	.1212-03
6	135.00	.70100	145.00	.7606-02	.9008-02	.8813-02	57.50	.4373	.3578	549.6	.1679-03

ARC 3.5-199 OH26 (01) FUSELAGE SIDE

FUSELAGE SIDE (RE2103)

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
28	7.320	6.975	1658.	1506.	371.0	.7666	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
28	105.00	.40100	135.00	.1334-01	.1588-01	.1552-01	77.68	1.036	.3741	578.4	.2153-03
28	105.00	.50100	136.00	.3671-01	.4369-01	.4271-01	77.75	2.854	.3735	577.5	.5925-03
28	105.00	.60100	137.00	.3569-01	.4245-01	.4150-01	77.91	2.780	.3723	575.6	.5758-03
28	105.00	.70100	138.00	.4017-01	.4778-01	.4672-01	77.92	3.130	.3721	575.4	.6481-03
28	105.00	.80000	139.00	.1039-01	.1236-01	.1208-01	78.12	.8118	.3707	573.1	.1676-03
28	113.00	.60100	146.00	.3260-01	.3879-01	.3793-01	77.68	2.532	.3740	578.3	.5261-03
28	135.00	.60100	144.00	.6363-02	.7574-02	.7405-02	77.65	.4941	.3743	578.7	.1027-03
28	135.00	.70100	145.00	.4682-02	.5570-02	.5446-02	77.81	.3643	.3731	576.8	.7555-04

ARC 3.5-199 OH26 (01) FUSELAGE SIDE (RE2104)

FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
29	7.320	7.043	1656.	1496.	368.4	.7686	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
29	105.00	.40100	135.00	.2557-01	.3043-01	.3090-01	77.09	1.971	.3738	573.8	.4112-03
29	105.00	.50100	136.00	.1617-01	.1924-01	.1954-01	77.12	1.247	.3735	573.4	.2601-03
29	105.00	.60100	137.00	.2929-01	.3484-01	.3538-01	77.26	2.263	.3724	571.8	.4709-03
29	105.00	.70100	138.00	.2903-01	.3454-01	.3507-01	77.27	2.243	.3723	571.6	.4667-03
29	105.00	.80000	139.00	.2303-01	.2738-01	.2780-01	77.50	1.785	.3705	568.8	.3701-03
29	113.00	.60100	146.00	.2377-01	.2829-01	.2872-01	77.03	1.831	.3742	574.5	.3822-03
29	135.00	.50100	143.00	.4535-02	.5398-02	.5481-02	76.99	.3492	.3745	575.0	.7294-04
29	135.00	.60100	144.00	.2181-02	.2595-02	.2635-02	77.11	.1682	.3736	573.5	.3507-04
29	135.00	.70100	145.00	.4936-02	.5872-02	.5963-02	77.20	.3811	.3729	572.5	.7936-04

ARC 3.5-199 OH26 (01) FUSELAGE SIDE

(RE2105)

FUSELAGE SIDE

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
27	7.320	6.755	1656.	1533.	378.2	.7567	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
27	105.00	.40100	135.00	.1691-01	.2007-01	.2000-01	80.46	1.361	.3642	574.0	.2758-03
27	105.00	.50100	136.00	.2584-01	.3065-01	.3054-01	80.53	2.081	.3636	573.1	.4213-03
27	105.00	.60100	137.00	.3080-01	.3653-01	.3639-01	80.71	2.486	.3623	571.0	.5021-03
27	105.00	.70100	138.00	.6003-01	.7119-01	.7092-01	80.72	4.845	.3622	570.9	.9785-03
27	105.00	.80000	139.00	.1628-01	.1930-01	.1923-01	80.92	1.317	.3607	568.5	.2653-03
27	113.00	.60100	146.00	.3292-01	.3907-01	.3892-01	80.45	2.649	.3642	574.1	.5370-03
27	135.00	.50100	143.00	.2946-02	.3498-02	.3485-02	80.29	.2366	.3655	576.1	.4807-04
27	135.00	.60100	144.00	.6175-02	.7328-02	.7300-02	80.45	.4968	.3642	574.1	.1007-03
27	135.00	.70100	145.00	.5878-02	.6973-02	.6947-02	80.58	.4737	.3633	572.5	.9584-04

ARC 3.5-199 OH26 (01) FUSELAGE NOSE

FUSELAGE NOSE (RE2J01)

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
5	7.320	.8912	234.1	1596.	394.8	.1042	.1750-01

TEST DATA

RUN NUMBER	X/L	PHI	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
5	.50000-01	22.000	105.00	.2033	.2391	.2341	33.27	6.763	.3322	546.7	.8999-02
5	.50000-01	35.000	115.00	.1216	.1430	.1401	33.27	4.046	.3322	546.6	.5383-02
5	.50000-01	42.500	127.00	.9031-01	.1062	.1040	33.26	3.004	.3324	546.9	.3998-02
5	.10000+00	20.000	103.00	.1767	.2077	.2034	33.32	5.887	.3312	544.9	.7818-02
5	.10000+00	24.500	106.00	.1908	.2243	.2197	33.32	6.356	.3312	545.1	.8442-02
5	.10000+00	39.000	116.00	.9424-01	.1108	.1085	33.35	3.143	.3305	543.9	.4170-02
5	.10000+0	119.00	132.00	.9418-02	.1107-01	.1084-01	33.36	.3142	.3305	543.8	.4168-03
5	.15000	20.000	104.00	.1092	.1283	.1257	33.34	3.640	.3307	544.2	.4830-02
5	.15000	25.500	107.00	.1243	.1461	.1431	33.35	4.146	.3306	543.9	.5501-02
5	.15000	40.000	111.00	.1548	.1820	.1783	33.37	5.168	.3301	543.3	.6851-02
5	.15000	45.500	117.00	.7833-01	.9206-01	.9016-01	33.41	2.617	.3294	542.1	.3465-02
5	.20000	31.500	108.00	.8333-01	.9797-01	.9594-01	33.34	2.779	.3307	544.2	.3687-02
5	.20000	35.000	110.00	.9221-01	.1084	.1062	33.36	3.076	.3305	543.9	.4080-02
5	.20000	40.000	112.00	.8979-01	.1056	.1034	33.35	2.995	.3306	543.9	.3973-02
5	.20000	51.000	118.00	.4051-01	.4762-01	.4664-01	33.38	1.352	.3301	543.1	.1793-02
5	.20000	67.500	128.00	.2619-01	.3078-01	.3015-01	33.40	.8748	.3296	542.4	.1159-02

ARC 3.5-199 OH26 (01) FUSELAGE NOSE (RE2J02)

FUSELAGE NOSE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
6	7.320	3.709	872.9	1497.	368.6	.4051	.1750-01

TEST DATA

RUN NUMBER	X/L	PHI	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
6	.50000-01	22.000	105.00	.2035	.2411	.2359	57.36	11.67	.3593	551.9	.4494-02
6	.50000-01	35.000	115.00	.1199	.1421	.1390	57.39	6.881	.3590	551.4	.2648-02
6	.50000-01	42.500	127.00	.8895-01	.1054	.1031	57.36	5.102	.3592	551.9	.1964-02
6	.10000+00	20.000	103.00	.1836	.2176	.2129	57.41	10.54	.3587	551.1	.4055-02
6	.10000+00	24.500	106.00	.1972	.2336	.2285	57.42	11.32	.3586	550.9	.4353-02
6	.10000+00	39.000	116.00	.9390-01	.1112	.1088	57.55	5.404	.3573	548.8	.2073-02
6	.10000+00	119.00	132.00	.8276-02	.9801-02	.9589-02	57.52	.4760	.3576	549.3	.1827-03
6	.15000	20.000	104.00	.1102	.1305	.1277	57.45	6.329	.3584	550.5	.2432-02
6	.15000	25.500	107.00	.1250	.1481	.1449	57.45	7.182	.3583	550.5	.2760-02
6	.15000	40.000	111.00	.1581	.1872	.1832	57.51	9.091	.3576	549.4	.3489-02
6	.15000	45.500	117.00	.8025-01	.9500-01	.9295-01	57.66	4.627	.3560	546.9	.1771-02
6	.20000	31.500	108.00	.8372-01	.9917-01	.9702-01	57.44	4.808	.3585	550.7	.1848-02
6	.20000	35.000	110.00	.9278-01	.1099	.1075	57.45	5.330	.3583	550.4	.2048-02
6	.20000	40.000	112.00	.9085-01	.1076	.1053	57.46	5.220	.3582	550.3	.2006-02
6	.20000	51.000	118.00	.4019-01	.4759-01	.4656-01	57.59	2.315	.3568	548.1	.8870-03
6	.20000	67.500	128.00	.2640-01	.3126-01	.3059-01	57.64	1.522	.3563	547.4	.5827-03

ARC 3.5-199 OH26 (01) FUSELAGE NOSE (RE2J03)

FUSELAGE NOSE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
28	7.320	6.975	1658.	1506.	371.0	.7666	.1750-01

TEST DATA

RUN NUMBER	X/L	PHI	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
28	.50000-01	22.000	105.00	.1978	.2359	.2306	76.87	15.21	.3803	588.0	.3198-02
28	.50000-01	35.000	115.00	.1129	.1346	.1315	76.89	8.679	.3802	587.8	.1825-02
28	.50000-01	42.500	127.00	.8435-01	.1006	.9830-01	76.88	6.485	.3802	587.9	.1363-02
28	.10000+00	20.000	103.00	.1775	.2114	.2067	77.19	13.70	.3778	584.1	.2867-02
28	.10000+00	24.500	106.00	.1896	.2259	.2208	77.19	14.63	.3778	584.2	.3063-02
28	.10000+00	39.000	116.00	.8767-01	.1044	.1021	77.41	6.787	.3761	581.5	.1416-02
28	.15000	20.000	104.00	.1083	.1290	.1261	77.46	8.390	.3757	581.0	.1749-02
28	.15000	25.500	107.00	.1219	.1451	.1419	77.45	9.438	.3758	581.1	.1968-02
28	.15000	40.000	111.00	.1539	.1832	.1791	77.64	11.95	.3744	578.8	.2484-02
28	.15000	45.500	117.00	.7884-01	.9376-01	.9168-01	78.01	6.150	.3715	574.4	.1272-02
28	.20000	31.500	108.00	.8264-01	.9838-01	.9618-01	77.56	6.410	.3750	579.7	.1334-02
28	.20000	35.000	110.00	.8956-01	.1066	.1042	77.65	6.954	.3743	578.7	.1446-02
28	.20000	40.000	112.00	.8761-01	.1043	.1019	77.66	6.804	.3742	578.6	.1414-02
28	.20000	51.000	118.00	.3902-01	.4640-01	.4537-01	78.01	3.044	.3715	574.4	.6294-03
28	.20000	67.500	128.00	.2645-01	.3144-01	.3075-01	78.09	2.065	.3709	573.4	.4265-03

ARC 3.5-199 OH26 (01) FUSELAGE NOSE (RE2J04)

FUSELAGE NOSE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
29	7.320	7.043	1656.	1496.	368.4	.7686	.1750-01

TEST DATA

RUN NUMBER	X/L	PHI	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
29	.50000-01	22.000	105.00	.1910	.2277	.2312	76.32	14.57	.3798	583.0	.3075-02
29	.50000-01	35.000	115.00	.1241	.1479	.1502	76.27	9.463	.3801	583.6	.1998-02
29	.50000-01	42.500	127.00	.9514-01	.1134	.1152	76.25	7.255	.3803	583.8	.1532-02
29	.10000+00	20.000	103.00	.1299	.1547	.1571	76.64	9.952	.3772	579.1	.2090-02
29	.10000+00	24.500	106.00	.1466	.1747	.1774	76.60	11.23	.3776	579.7	.2360-02
29	.10000+00	39.000	116.00	.8925-01	.1063	.1080	76.70	6.846	.3768	578.4	.1436-02
29	.10000+00	119.00	132.00	.1736-01	.2067-01	.2099-01	76.88	1.335	.3754	576.3	.2793-03
29	.15000	20.000	104.00	.7161-01	.8526-01	.8658-01	76.89	5.506	.3753	576.2	.1152-02
29	.15000	25.500	107.00	.8525-01	.1015	.1031	76.82	6.549	.3759	577.0	.1372-02
29	.15000	40.000	111.00	.1224	.1457	.1480	76.93	9.419	.3750	575.7	.1969-02
29	.15000	45.500	117.00	.7317-01	.8705-01	.8840-01	77.20	5.649	.3729	572.5	.1176-02
29	.20000	31.500	108.00	.5490-01	.6536-01	.6637-01	76.94	4.224	.3749	575.5	.8831-03
29	.20000	35.000	110.00	.6348-01	.7556-01	.7672-01	77.04	4.891	.3741	574.4	.1021-02
29	.20000	40.000	112.00	.6580-01	.7831-01	.7952-01	77.02	5.068	.3743	574.6	.1058-02
29	.20000	51.000	118.00	.3439-01	.4090-01	.4153-01	77.28	2.657	.3723	571.5	.5528-03
29	.20000	67.500	128.00	.2494-01	.2966-01	.3012-01	77.35	1.929	.3717	570.7	.4009-03

ARC 3.5-199 OH26 (01) FUSELAGE NOSE (RE2J05)

FUSELAGE NOSE

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
27	7.320	6.755	1656.	1533.	378.2	.7567	.1750-01

TEST DATA

RUN NUMBER	X/L	PHI	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
27	.50000-01	22.000	105.00	.1979	.2354	.2345	79.42	15.72	.3721	586.4	.3234-02
27	.50000-01	35.000	115.00	.1203	.1431	.1426	79.42	9.557	.3721	586.4	.1966-02
27	.50000-01	42.500	127.00	.9040-01	.1075	.1071	79.39	7.177	.3723	586.7	.1477-02
27	.10000+00	20.000	103.00	.1538	.1828	.1821	79.85	12.28	.3688	581.3	.2512-02
27	.10000+00	24.500	106.00	.1691	.2009	.2002	79.83	13.50	.3690	581.5	.2761-02
27	.10000+00	39.000	116.00	.8947-01	.1063	.1059	80.10	7.166	.3669	578.3	.1460-02
27	.10000+00	119.00	132.00	.1189-01	.1412-01	.1407-01	80.11	.9524	.3668	578.1	.1940-03
27	.15000	20.000	104.00	.8860-01	.1052	.1048	80.16	7.102	.3665	577.6	.1446-02
27	.15000	25.500	107.00	.1032	.1225	.1221	80.13	8.267	.3667	578.0	.1684-02
27	.15000	40.000	111.00	.1375	.1632	.1626	80.31	11.04	.3653	575.8	.2243-02
27	.15000	45.500	117.00	.7767-01	.9212-01	.9178-01	80.67	6.265	.3626	571.5	.1266-02
27	.20000	31.500	108.00	.6776-01	.8043-01	.8013-01	80.33	5.443	.3652	575.6	.1105-02
27	.20000	35.000	110.00	.7627-01	.9052-01	.9019-01	80.38	6.131	.3648	575.0	.1244-02
27	.20000	40.000	112.00	.7670-01	.9103-01	.9069-01	80.40	6.167	.3646	574.7	.1251-02
27	.20000	51.000	118.00	.3733-01	.4427-01	.4410-01	80.73	3.014	.3621	570.7	.6085-03
27	.20000	67.500	128.00	.2714-01	.3218-01	.3206-01	80.81	2.193	.3615	569.8	.4423-03

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K01)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
1	7.320	.8953	225.7	1558.	384.8	.1020	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
1	46.800	.40000	823.00	.7692-01	.9067-01	.8877-01	31.39	2.415	.3409	546.7	.3418-02
1	46.800	.50000	824.00	.7286-01	.8589-01	.8408-01	31.40	2.288	.3407	546.5	.3238-02
1	46.800	.60000	825.00	.5077-01	.5985-01	.5859-01	31.41	1.595	.3405	546.2	.2256-02
1	46.800	.70000	826.00	.5904-01	.6958-01	.6812-01	31.42	1.855	.3403	545.8	.2623-02
1	46.800	.80000	827.00	.5311-01	.6260-01	.6129-01	31.41	1.668	.3404	546.0	.2360-02
1	46.800	.90000	828.00	.4210-01	.4963-01	.4859-01	31.40	1.322	.3408	546.5	.1871-02
1	93.600	.40000	831.00	.9384-01	.1106	.1083	31.38	2.945	.3410	547.0	.4170-02
1	93.600	.60000	833.00	.7353-01	.8666-01	.8484-01	31.43	2.311	.3401	545.5	.3267-02
1	93.600	.70000	834.00	.6129-01	.7224-01	.7072-01	31.43	1.926	.3401	545.5	.2723-02
1	93.600	.80000	835.00	.4743-01	.5590-01	.5472-01	31.43	1.490	.3402	545.7	.2107-02
1	93.600	.90000	836.00	.3686-01	.4344-01	.4253-01	31.41	1.158	.3404	546.0	.1638-02
1	93.600	.95000	837.00	.4533-01	.5344-01	.5232-01	31.39	1.423	.3410	547.0	.2014-02
1	93.600	.97500	838.00	.4593-01	.5414-01	.5301-01	31.40	1.442	.3408	546.6	.2041-02
1	93.600	1.0150	839.00	.3360-01	.3960-01	.3877-01	31.44	1.056	.3400	545.3	.1493-02
1	93.600	1.0300	840.00	.3256-01	.3838-01	.3757-01	31.41	1.023	.3406	546.3	.1447-02
1	93.600	1.0450	841.00	.3333-01	.3930-01	.3847-01	31.38	1.046	.3412	547.2	.1481-02
1	93.600	1.0600	842.00	.2988-01	.3523-01	.3449-01	31.38	.9378	.3411	547.1	.1328-02

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K02)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
9	7.320	3.827	875.1	1471.	362.0	.4105	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
9	46.800	.40000	823.00	.7402-01	.8811-01	.8614-01	54.98	4.070	.3745	565.0	.1620-02
9	46.800	.50000	824.00	.7757-01	.9233-01	.9027-01	54.99	4.266	.3744	564.8	.1698-02
9	46.800	.60000	825.00	.6836-01	.8135-01	.7954-01	55.03	3.761	.3740	564.3	.1496-02
9	46.800	.70000	826.00	.1148	.1366	.1336	55.05	6.321	.3738	563.9	.2513-02
9	46.800	.80000	827.00	.1572	.1871	.1829	55.04	8.651	.3739	564.1	.3440-02
9	46.800	.90000	828.00	.1485	.1767	.1728	55.02	8.170	.3741	564.3	.3249-02
9	93.600	.40000	831.00	.9130-01	.1087	.1063	54.97	5.018	.3747	565.3	.1998-02
9	93.600	.60000	833.00	.8638-01	.1028	.1005	55.09	4.759	.3733	563.2	.1890-02
9	93.600	.70000	834.00	.1034	.1231	.1203	55.11	5.701	.3731	562.9	.2263-02
9	93.600	.80000	835.00	.1343	.1598	.1562	55.09	7.397	.3734	563.3	.2938-02
9	93.600	.90000	836.00	.1431	.1703	.1665	55.09	7.883	.3733	563.3	.3131-02
9	93.600	.95000	837.00	.1491	.1775	.1735	55.01	8.204	.3742	564.6	.3264-02
9	93.600	.97500	838.00	.1534	.1826	.1785	55.07	8.451	.3735	563.6	.3357-02
9	93.600	1.0150	839.00	.1255	.1492	.1459	55.28	6.938	.3713	560.1	.2745-02
9	93.600	1.0300	840.00	.1203	.1431	.1399	55.20	6.640	.3721	561.4	.2631-02
9	93.600	1.0450	841.00	.1191	.1417	.1385	55.11	6.563	.3731	562.9	.2606-02
9	93.600	1.0600	842.00	.9459-01	.1125	.1100	55.09	5.211	.3733	563.2	.2070-02

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K03)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
10	7.320	6.996	1649.	1498.	369.0	.7649	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
10	46.800	.40000	823.00	.3124	.3726	.3642	76.21	23.81	.3806	585.3	.5048-02
10	46.800	.50000	824.00	.3219	.3838	.3752	76.30	24.56	.3799	584.3	.5200-02
10	46.800	.60000	825.00	.2580	.3075	.3006	76.41	19.71	.3790	582.9	.4167-02
10	46.800	.70000	826.00	.3115	.3713	.3629	76.44	23.81	.3788	582.6	.5031-02
10	46.800	.80000	827.00	.2850	.3397	.3321	76.44	21.79	.3788	582.6	.4603-02
10	46.800	.90000	828.00	.2155	.2569	.2511	76.38	16.46	.3793	583.3	.3481-02
10	93.600	.40000	831.00	.3197	.3813	.3727	76.17	24.36	.3809	585.8	.5166-02
10	93.600	.60000	833.00	.3433	.4092	.4000	76.50	26.27	.3783	581.9	.5544-02
10	93.600	.70000	834.00	.3086	.3677	.3594	76.61	23.64	.3775	580.5	.4982-02
10	93.600	.80000	835.00	.2838	.3382	.3306	76.52	21.72	.3781	581.0	.4582-02
10	93.600	.90000	836.00	.2233	.2661	.2601	76.48	17.08	.3785	582.1	.3606-02
10	93.600	.95000	837.00	.2074	.2473	.2418	76.23	15.81	.3804	585.1	.3351-02
10	93.600	.97500	838.00	.2072	.2471	.2415	76.26	15.80	.3802	584.7	.3348-02
10	93.600	1.0150	839.00	.1587	.1891	.1848	76.65	12.17	.3772	580.1	.2562-02
10	93.600	1.0300	840.00	.1415	.1687	.1649	76.46	10.82	.3787	582.4	.2286-02
10	93.600	1.0450	841.00	.1362	.1624	.1587	76.25	10.38	.3803	584.9	.2200-02
10	93.600	1.0600	842.00	.1040	.1240	.1212	76.09	7.912	.3815	586.8	.1680-02

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K04)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
11	7.320	6.308	1645.	1590.	393.1	.7343	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
11	46.800	.40000	823.00	.6400-01	.7587-01	.7701-01	83.88	5.368	.3608	591.1	.1072-02
11	46.800	.50000	824.00	.7311-01	.8665-01	.8795-01	83.99	6.140	.3600	589.9	.1224-02
11	46.800	.60000	825.00	.6386-01	.7566-01	.7679-01	84.14	5.373	.3589	588.0	.1069-02
11	46.800	.70000	826.00	.9711-01	.1150	.1168	84.19	8.176	.3585	587.4	.1626-02
11	46.800	.80000	827.00	.1261	.1493	.1516	84.19	10.61	.3585	587.4	.2110-02
11	46.800	.90000	828.00	.1116	.1322	.1342	84.16	9.389	.3588	587.8	.1868-02
11	93.600	.40000	831.00	.7934-01	.9408-01	.9549-01	83.80	6.649	.3614	592.1	.1329-02
11	93.600	.60000	833.00	.9016-01	.1068	.1084	84.22	7.593	.3583	587.1	.1509-02
11	93.600	.70000	834.00	.9370-01	.1110	.1126	84.39	7.907	.3571	585.1	.1568-02
11	93.600	.80000	835.00	.1080	.1279	.1299	84.29	9.105	.3578	586.2	.1808-02
11	93.600	.90000	836.00	.1053	.1247	.1266	84.22	8.866	.3584	587.1	.1762-02
11	93.600	.95000	837.00	.1038	.1230	.1249	83.97	8.718	.3602	590.1	.1739-02
11	93.600	.97500	838.00	.1043	.1237	.1255	83.99	8.763	.3600	589.8	.1747-02
11	93.600	1.0150	839.00	.8020-01	.9497-01	.9639-01	84.38	6.767	.3571	585.1	.1342-02
11	93.600	1.0300	840.00	.7173-01	.8498-01	.8626-01	84.19	6.039	.3586	587.5	.1201-02
11	93.600	1.0450	841.00	.6861-01	.8132-01	.8254-01	83.97	5.761	.3601	590.0	.1149-02
11	93.600	1.0600	842.00	.5414-01	.6420-01	.6517-01	83.75	4.534	.3618	592.8	.9071-03

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K05)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
12	7.320	6.817	1650.	1522.	375.2	.7577	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
12	46.800	.40000	823.00	.7319-01	.8666-01	.8635-01	80.64	5.902	.3567	557.7	.1188-02
12	46.800	.50000	824.00	.1063	.1258	.1254	80.76	8.585	.3558	556.4	.1725-02
12	46.800	.60000	825.00	.1353	.1601	.1596	80.88	10.94	.3549	554.9	.2195-02
12	46.800	.70000	826.00	.2346	.2776	.2766	80.93	18.99	.3545	554.3	.3806-02
12	46.800	.80000	827.00	.2455	.2905	.2894	80.86	19.85	.3550	555.1	.3982-02
12	46.800	.90000	828.00	.1816	.2149	.2141	80.78	14.67	.3557	556.1	.2946-02
12	93.600	.40000	831.00	.8628-01	.1022	.1018	80.56	6.951	.3573	558.7	.1400-02
12	93.600	.60000	833.00	.1513	.1790	.1783	81.02	12.25	.3538	553.3	.2453-02
12	93.600	.70000	834.00	.2121	.2508	.2499	81.08	17.19	.3533	552.5	.3439-02
12	93.600	.80000	835.00	.2348	.2778	.2768	80.93	19.00	.3545	554.2	.3809-02
12	93.600	.90000	836.00	.1893	.2240	.2232	80.83	15.30	.3553	555.5	.3071-02
12	93.600	.95000	837.00	.1707	.2022	.2015	80.50	13.74	.3578	559.4	.2771-02
12	93.600	.97500	838.00	.1672	.1981	.1973	80.46	13.45	.3581	559.9	.2714-02
12	93.600	1.0150	839.00	.1270	.1503	.1498	80.77	10.26	.3557	556.2	.2061-02
12	93.600	1.0300	840.00	.1106	.1310	.1305	80.53	8.907	.3575	559.1	.1795-02
12	93.600	1.0450	841.00	.1052	.1246	.1242	80.30	8.447	.3593	561.8	.1708-02
12	93.600	1.0600	842.00	.8079-01	.9577-01	.9541-01	80.15	6.476	.3604	563.6	.1312-02

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K06)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 5.000 BDFLAP = 5.000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
30	7.320	.8998	234.8	1590.	393.2	.1048	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
30	46.800	.40000	823.00	.4636-01	.5463-01	.5543-01	32.80	1.521	.3396	556.5	.2047-02
30	46.800	.50000	824.00	.4415-01	.5202-01	.5278-01	32.82	1.449	.3391	555.7	.1949-02
30	46.800	.60000	825.00	.2939-01	.3463-01	.3513-01	32.85	.9655	.3386	554.9	.1297-02
30	46.800	.70000	826.00	.3351-01	.3947-01	.4004-01	32.87	1.102	.3381	554.2	.1479-02
30	46.800	.80000	827.00	.2979-01	.3510-01	.3560-01	32.88	.9797	.3380	553.9	.1315-02
30	46.800	.90000	828.00	.2018-01	.2377-01	.2412-01	32.87	.6633	.3383	554.4	.8907-03
30	93.600	.40000	831.00	.6347-01	.7480-01	.7589-01	32.79	2.082	.3397	556.7	.2802-02
30	93.600	.60000	833.00	.3072-01	.3619-01	.3671-01	32.89	1.010	.3379	553.8	.1356-02
30	93.600	.70000	834.00	.3833-01	.4515-01	.4580-01	32.90	1.261	.3376	553.3	.1692-02
30	93.600	.80000	835.00	.2857-01	.3365-01	.3414-01	32.90	.9401	.3376	553.3	.1261-02
30	93.600	.90000	836.00	.1119-01	.1318-01	.1337-01	32.88	.3678	.3380	553.9	.4937-03
30	93.600	.95000	837.00	.1906-01	.2245-01	.2278-01	32.84	.6258	.3388	555.2	.8411-03
30	93.600	.97500	838.00	.1948-01	.2295-01	.2328-01	32.85	.6397	.3387	555.0	.8597-03
30	93.600	1.0150	839.00	.1352-01	.1593-01	.1616-01	32.90	.4449	.3376	553.3	.5968-03
30	93.600	1.0300	840.00	.1744-01	.2054-01	.2084-01	32.87	.5733	.3382	554.3	.7697-03
30	93.600	1.0450	841.00	.2036-01	.2399-01	.2433-01	32.84	.6685	.3389	555.3	.8987-03
30	93.600	1.0600	842.00	.1999-01	.2357-01	.2392-01	32.69	.6535	.3418	560.1	.8830-03

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K07)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 5.000 BDFLAP = 5.000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
31	7.320	3.715	878.6	1501.	369.7	.4070	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
31	46.800	.40000	823.00	.4401-01	.5211-01	.5289-01	57.98	2.552	.3565	549.3	.9700-03
31	46.800	.50000	824.00	.4229-01	.5007-01	.5082-01	58.00	2.453	.3563	549.1	.9320-03
31	46.800	.60000	825.00	.2760-01	.3267-01	.3316-01	58.04	1.602	.3559	548.4	.6082-03
31	46.800	.70000	826.00	.3367-01	.3985-01	.4045-01	58.05	1.954	.3558	548.2	.7419-03
31	46.800	.80000	827.00	.3691-01	.4369-01	.4434-01	58.04	2.142	.3559	548.4	.8133-03
31	46.800	.90000	828.00	.3448-01	.4082-01	.4143-01	58.02	2.001	.3561	548.7	.7599-03
31	93.600	.40000	831.00	.6144-01	.7275-01	.7384-01	57.96	3.561	.3567	549.7	.1354-02
31	93.600	.60000	833.00	.4438-01	.5252-01	.5331-01	58.11	2.579	.3552	547.3	.9778-03
31	93.600	.70000	834.00	.3778-01	.4472-01	.4538-01	58.11	2.196	.3551	547.2	.8325-03
31	93.600	.80000	835.00	.3139-01	.3716-01	.3771-01	58.08	1.823	.3555	547.7	.6918-03
31	93.600	.90000	836.00	.2693-01	.3188-01	.3235-01	58.08	1.564	.3555	547.8	.5934-03
31	93.600	.95000	837.00	.2848-01	.3372-01	.3422-01	58.02	1.652	.3561	548.7	.6276-03
31	93.600	.97500	838.00	.3040-01	.3599-01	.3652-01	58.06	1.765	.3557	548.1	.6699-03
31	93.600	1.0150	839.00	.3101-01	.3669-01	.3724-01	58.23	1.806	.3539	545.3	.6831-03
31	93.600	1.0300	840.00	.3919-01	.4638-01	.4707-01	58.15	2.279	.3548	546.7	.8635-03
31	93.600	1.0450	841.00	.4450-01	.5267-01	.5346-01	58.06	2.584	.3557	548.1	.9805-03
31	93.600	1.0600	842.00	.4160-01	.4925-01	.4999-01	58.04	2.415	.3559	548.4	.9168-03

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K08)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = 5.000 BDFLAP = 5.000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
32	7.320	.9456	239.8	1564.	386.3	.1082	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
32	46.800	.40000	823.00	.7882-01	.9303-01	.9106-01	32.26	2.543	.3451	555.6	.3409-02
32	46.800	.50000	824.00	.7634-01	.9010-01	.8819-01	32.26	2.463	.3451	555.6	.3302-02
32	46.800	.60000	825.00	.5322-01	.6281-01	.6148-01	32.26	1.717	.3451	555.5	.2302-02
32	46.800	.80000	827.00	.5572-01	.6576-01	.6437-01	32.27	1.798	.3450	555.4	.2410-02
32	46.800	.90000	828.00	.4624-01	.5458-01	.5342-01	32.26	1.492	.3451	555.6	.2000-02
32	93.600	.40000	831.00	.9708-01	.1146	.1122	32.25	3.131	.3453	555.9	.4199-02
32	93.600	.60000	833.00	.7592-01	.8959-01	.8769-01	32.29	2.451	.3446	554.7	.3283-02
32	93.600	.70000	834.00	.6402-01	.7556-01	.7396-01	32.28	2.067	.3448	555.0	.2769-02
32	93.600	.80000	835.00	.4925-01	.5812-01	.5689-01	32.27	1.589	.3449	555.2	.2130-02
32	93.600	.90000	836.00	.3972-01	.4688-01	.4589-01	32.25	1.281	.3454	556.1	.1718-02
32	93.600	.95000	837.00	.3860-01	.4556-01	.4460-01	32.27	1.246	.3451	555.5	.1670-02
32	93.600	.97500	838.00	.4013-01	.4736-01	.4636-01	32.29	1.296	.3445	554.7	.1735-02
32	93.600	1.0150	839.00	.2703-01	.3189-01	.3121-01	32.36	.8748	.3432	552.5	.1169-02
32	93.600	1.0300	840.00	.3729-01	.4400-01	.4307-01	32.33	1.206	.3438	553.5	.1612-02
32	93.600	1.0450	841.00	.4271-01	.5040-01	.4933-01	32.30	1.380	.3444	554.4	.1847-02
32	93.600	1.0600	842.00	.4188-01	.4941-01	.4837-01	32.30	1.353	.3443	554.3	.1811-02

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K09)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = 5.000 BDFLAP = 5.000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS.

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
33	7.320	3.534	876.8	1544.	381.0	.3988	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
33	46.800	.40000	823.00	.7209-01	.8532-01	.8349-01	59.88	4.317	.3550	563.7	.1620-02
33	46.800	.50000	824.00	.7459-01	.8827-01	.8637-01	59.93	4.470	.3545	562.9	.1676-02
33	46.800	.60000	825.00	.6308-01	.7464-01	.7303-01	59.97	3.783	.3540	562.1	.1417-02
33	46.800	.70000	826.00	.1050	.1242	.1215	60.01	6.299	.3537	561.6	.2358-02
33	46.800	.80000	827.00	.1439	.1702	.1665	59.99	8.630	.3539	561.9	.3232-02
33	46.800	.90000	828.00	.1378	.1630	.1595	60.00	8.266	.3537	561.7	.3095-02
33	93.600	.40000	831.00	.9021-01	.1068	.1045	59.87	5.401	.3551	563.9	.2027-02
33	93.600	.60000	833.00	.8157-01	.9648-01	.9441-01	60.05	4.898	.3533	560.9	.1832-02
33	93.600	.70000	834.00	.9363-01	.1108	.1084	60.07	5.625	.3530	560.5	.2103-02
33	93.600	.80000	835.00	.1213	.1435	.1405	60.03	7.284	.3534	561.2	.2726-02
33	93.600	.90000	836.00	.7508-01	.8891-01	.8699-01	59.70	4.482	.3569	566.6	.1688-02
33	93.600	.95000	837.00	.1393	.1648	.1612	59.91	8.343	.3546	563.1	.3129-02
33	93.600	.97500	838.00	.1455	.1722	.1685	59.94	8.723	.3543	562.6	.3270-02
33	93.600	1.0150	839.00	.1679	.1986	.1943	60.08	10.09	.3529	560.3	.3771-02
33	93.600	1.0300	840.00	.1647	.1949	.1907	59.96	9.877	.3541	562.3	.3701-02
33	93.600	1.0450	841.00	.1648	.1950	.1908	59.85	9.860	.3553	564.2	.3703-02
33	93.600	1.0600	842.00	.1319	.1562	.1528	59.80	7.889	.3558	565.0	.2965-02

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K10)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 10.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
16	7.320	1.227	240.5	1342.	328.4	.1194	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
16	46.800	.40000	823.00	.4494-01	.5414-01	.5505-01	24.46	1.099	.4117	563.4	.1784-02
16	46.800	.50000	824.00	.4205-01	.5066-01	.5150-01	24.46	1.028	.4117	563.5	.1669-02
16	46.800	.60000	825.00	.2793-01	.3365-01	.3421-01	24.46	.6832	.4116	563.3	.1109-02
16	46.800	.70000	826.00	.3270-01	.3939-01	.4004-01	24.47	.8003	.4113	562.9	.1298-02
16	46.800	.80000	827.00	.2981-01	.3590-01	.3650-01	24.47	.7295	.4113	562.9	.1183-02
16	46.800	.90000	828.00	.1466-01	.1767-01	.1796-01	24.45	.3585	.4118	563.6	.5821-03
16	93.600	.40000	831.00	.6289-01	.7578-01	.7704-01	24.45	1.538	.4119	563.7	.2497-02
16	93.600	.60000	833.00	.4733-01	.5701-01	.5796-01	24.48	1.159	.4112	562.8	.1879-02
16	93.600	.70000	834.00	.3936-01	.4741-01	.4820-01	24.48	.9634	.4112	562.8	.1562-02
16	93.600	.80000	835.00	.2885-01	.3475-01	.3532-01	24.48	.7062	.4111	562.6	.1145-02
16	93.600	.90000	836.00	.1650-01	.1989-01	.2022-01	24.43	.4032	.4122	564.2	.6553-03
16	93.600	.95000	837.00	.1525-01	.1837-01	.1867-01	24.46	.3730	.4115	563.2	.6053-03
16	93.600	.97500	838.00	.2017-01	.2429-01	.2469-01	24.48	.4937	.4111	562.7	.8005-03
16	93.600	1.0150	839.00	.1746-01	.2103-01	.2138-01	24.52	.4283	.4101	561.3	.6930-03
16	93.600	1.0300	840.00	.1849-01	.2226-01	.2263-01	24.50	.4530	.4106	561.9	.7337-03
16	93.600	1.0450	841.00	.1990-01	.2397-01	.2437-01	24.49	.4872	.4110	562.6	.7898-03
16	93.600	1.0600	842.00	.1853-01	.2232-01	.2269-01	24.51	.4542	.4105	561.9	.7355-03

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K11)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 10.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
17	7.320	3.508	873.8	1547.	381.9	.3969	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
17	46.800	.40000	823.00	.4397-01	.5200-01	.5277-01	60.21	2.647	.3521	560.5	.9907-03
17	46.800	.50000	824.00	.4273-01	.5052-01	.5127-01	60.24	2.574	.3518	560.0	.9626-03
17	46.800	.60000	825.00	.2846-01	.3364-01	.3414-01	60.28	1.715	.3513	559.3	.6411-03
17	46.800	.70000	826.00	.3593-01	.4248-01	.4311-01	60.29	2.166	.3513	559.1	.8094-03
17	46.800	.80000	827.00	.4283-01	.5063-01	.5138-01	60.29	2.582	.3513	559.2	.9647-03
17	46.800	.90000	828.00	.3969-01	.4693-01	.4762-01	60.25	2.391	.3517	559.8	.8941-03
17	93.600	.40000	831.00	.6095-01	.7209-01	.7316-01	60.16	3.667	.3527	561.4	.1373-02
17	93.600	.60000	833.00	.4510-01	.5332-01	.5411-01	60.33	2.721	.3508	558.4	.1016-02
17	93.600	.70000	834.00	.3950-01	.4669-01	.4738-01	60.36	2.384	.3506	558.1	.8897-03
17	93.600	.80000	835.00	.3524-01	.4166-01	.4228-01	60.31	2.125	.3510	558.8	.7938-03
17	93.600	.90000	836.00	.2946-01	.3483-01	.3534-01	60.29	1.776	.3513	559.2	.6636-03
17	93.600	.95000	837.00	.4354-01	.5150-01	.5226-01	60.18	2.620	.3524	561.0	.9812-03
17	93.600	.97500	838.00	.6049-01	.7154-01	.7260-01	60.16	3.639	.3526	561.2	.1363-02
17	93.600	1.0150	839.00	.5700-01	.6739-01	.6839-01	60.27	3.436	.3514	559.4	.1284-02
17	93.600	1.0300	840.00	.6152-01	.7276-01	.7384-01	60.18	3.703	.3524	560.9	.1386-02
17	93.600	1.0450	841.00	.6428-01	.7604-01	.7717-01	60.08	3.862	.3534	562.5	.1449-02
17	93.600	1.0600	842.00	.5215-01	.6169-01	.6260-01	60.08	3.133	.3534	562.6	.1175-02

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K12)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 15.00 BDFLAP = 15.00
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
18	7.320	.9511	234.6	1539.	379.7	.1070	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
18	46.800	.40000	823.00	.4756-01	.5625-01	.5709-01	30.98	1.474	.3526	558.0	.2061-02
18	46.800	.50000	824.00	.4555-01	.5387-01	.5467-01	30.98	1.411	.3526	558.0	.1973-02
18	46.800	.60000	825.00	.3077-01	.3639-01	.3693-01	30.99	.9535	.3525	557.7	.1333-02
18	46.300	.70000	826.00	.3518-01	.4161-01	.4222-01	31.01	1.091	.3522	557.3	.1524-02
18	46.800	.80000	827.00	.3158-01	.3734-01	.3789-01	31.01	.9794	.3520	557.0	.1368-02
18	46.800	.90000	828.00	.1783-01	.2108-01	.2140-01	31.01	.5529	.3521	557.2	.7723-03
18	93.600	.40000	831.00	.6619-01	.7828-01	.7944-01	30.97	2.050	.3528	558.3	.2867-02
18	93.600	.60000	833.00	.4941-01	.5843-01	.5930-01	31.01	1.533	.3520	557.0	.2140-02
18	93.600	.70000	834.00	.4063-01	.4804-01	.4875-01	31.03	1.260	.3518	556.6	.1760-02
18	93.600	.80000	835.00	.3006-01	.3554-01	.3607-01	31.03	.9328	.3517	556.5	.1302-02
18	93.600	.95000	837.00	.4008-01	.4740-01	.4810-01	31.00	1.242	.3523	557.5	.1736-02
18	93.600	.97500	838.00	.3735-01	.4416-01	.4482-01	31.02	1.158	.3519	556.9	.1618-02
18	93.600	1.0150	839.00	.9006-01	.1065	.1080	31.08	2.799	.3506	554.8	.3900-02
18	93.600	1.0300	840.00	.1226	.1449	.1470	31.06	3.806	.3512	555.7	.5308-02
18	93.600	1.0450	841.00	.1558	.1842	.1869	31.03	4.834	.3518	556.6	.6748-02
18	93.600	1.0600	842.00	.1513	.1789	.1815	31.04	4.696	.3515	556.2	.6553-02

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K13)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 15.00 BDFLAP = 15.00
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
19	7.320	3.507	873.3	1547.	381.9	.3967	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
19	46.800	.40000	823.00	.4505-01	.5334-01	.5413-01	59.78	2.693	.3563	567.0	.1016-02
19	46.800	.50000	824.00	.4348-01	.5147-01	.5224-01	59.83	2.601	.3558	566.2	.9807-03
19	46.800	.60000	825.00	.2859-01	.3384-01	.3434-01	59.88	1.712	.3552	565.3	.6448-03
19	46.800	.70000	826.00	.3487-01	.4127-01	.4189-01	59.88	2.088	.3552	565.3	.7864-03
19	46.800	.80000	827.00	.3802-01	.4500-01	.4567-01	59.88	2.276	.3553	565.4	.8573-03
19	46.800	.90000	828.00	.3665-01	.4338-01	.4403-01	59.86	2.194	.3555	565.7	.8266-03
19	93.600	.40000	831.00	.6231-01	.7377-01	.7488-01	59.74	3.722	.3567	567.7	.1405-02
19	93.600	.60000	833.00	.4502-01	.5328-01	.5407-01	59.92	2.698	.3548	564.6	.1015-02
19	93.600	.70000	834.00	.3863-01	.4571-01	.4639-01	59.95	2.316	.3544	564.1	.8709-03
19	93.600	.80000	835.00	.3225-01	.3817-01	.3874-01	59.91	1.932	.3549	564.9	.7273-03
19	93.600	.90000	836.00	.2425-01	.2870-01	.2912-01	59.86	1.451	.3554	565.6	.5468-03
19	93.600	.95000	837.00	.7347-01	.8699-01	.8829-01	59.77	4.391	.3564	567.2	.1657-02
19	93.600	.97500	838.00	.9155-01	.1084	.1100	59.78	5.472	.3563	567.0	.2065-02
19	93.600	1.0150	839.00	.2188	.2589	.2627	59.92	13.11	.3548	564.6	.4933-02
19	93.600	1.0300	840.00	.2447	.2896	.2940	59.81	14.63	.3560	566.6	.5518-02
19	93.600	1.0450	841.00	.2560	.3032	.3077	59.69	15.28	.3571	568.4	.5776-02
19	93.600	1.0600	842.00	.2071	.2453	.2490	59.68	12.36	.3573	568.7	.4673-02

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K14)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -7.000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
50	7.320	3.444	873.1	1563.	386.2	.3939	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
50	46.800	.40000	823.00	.7364-01	.8706-01	.8520-01	60.94	4.487	.3514	565.6	.1671-02
50	46.800	.50000	824.00	.7693-01	.9094-01	.8899-01	61.00	4.693	.3508	564.6	.1746-02
50	46.800	.60000	825.00	.6628-01	.7834-01	.7666-01	61.07	4.048	.3500	563.4	.1504-02
50	46.800	.70000	826.00	.1062	.1255	.1228	61.11	6.491	.3496	562.8	.2409-02
50	46.800	.80000	827.00	.1444	.1706	.1670	61.12	8.824	.3495	562.6	.3275-02
50	46.800	.90000	828.00	.1371	.1620	.1586	61.08	8.374	.3500	563.3	.3110-02
50	93.600	.40000	831.00	.9139-01	.1081	.1057	60.92	5.568	.3515	565.8	.2074-02
50	93.600	.60000	833.00	.8506-01	.1005	.9837-01	61.13	5.200	.3495	562.5	.1930-02
50	93.600	.70000	834.00	.9478-01	.1120	.1096	61.19	5.799	.3488	561.5	.2150-02
50	93.600	.80000	835.00	.1210	.1430	.1399	61.15	7.399	.3492	562.1	.2744-02
50	93.600	.95000	837.00	.1388	.1642	.1606	60.94	8.461	.3514	565.6	.3151-02
50	93.600	.97500	838.00	.1435	.1696	.1660	60.94	8.742	.3514	565.6	.3255-02
50	93.600	1.0150	839.00	.1137	.1343	.1315	61.08	6.943	.3499	563.3	.2579-02
50	93.600	1.0300	840.00	.1070	.1265	.1238	60.96	6.526	.3511	565.2	.2429-02
50	93.600	1.0450	841.00	.1057	.1250	.1223	60.84	6.429	.3524	567.2	.2398-02
50	93.600	1.0600	842.00	.8494-01	.1005	.9830-01	60.81	5.165	.3527	567.7	.1928-02

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K15)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
39	7.320	.9379	234.9	1552.	383.2	.1065	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
39	46.800	.40000	823.00	.4710-01	.5574-01	.5657-01	31.16	1.468	.3552	567.4	.2052-02
39	46.800	.50000	824.00	.4481-01	.5304-01	.5383-01	31.17	1.397	.3552	567.3	.1953-02
39	46.800	.60000	825.00	.3044-01	.3603-01	.3656-01	31.18	.9491	.3550	566.9	.1327-02
39	46.800	.70000	826.00	.3569-01	.4224-01	.4287-01	31.19	1.113	.3547	566.6	.1555-02
39	46.800	.80000	827.00	.3191-01	.3776-01	.3833-01	31.20	.9956	.3546	566.4	.1391-02
39	46.800	.90000	828.00	.2703-01	.3199-01	.3246-01	31.18	.8428	.3548	566.7	.1178-02
39	93.600	.40000	831.00	.6537-01	.7737-01	.7852-01	31.15	2.036	.3554	567.7	.2849-02
39	93.600	.60000	833.00	.4967-01	.5877-01	.5965-01	31.20	1.549	.3546	566.4	.2164-02
39	93.600	.70000	834.00	.4077-01	.4824-01	.4895-01	31.21	1.272	.3544	566.0	.1776-02
39	93.600	.80000	835.00	.3028-01	.3583-01	.3636-01	31.21	.9449	.3543	566.0	.1319-02
39	93.600	.95000	837.00	.2915-01	.3450-01	.3501-01	31.19	.9090	.3548	566.7	.1270-02
39	93.600	.97500	838.00	.2989-01	.3536-01	.3589-01	31.21	.9327	.3543	566.0	.1302-02
39	93.600	1.0150	839.00	.2066-01	.2443-01	.2480-01	31.29	.6463	.3528	563.5	.8998-03
39	93.600	1.0300	840.00	.1940-01	.2295-01	.2329-01	31.26	.6066	.3533	564.2	.8452-03
39	93.600	1.0450	841.00	.1895-01	.2241-01	.2275-01	31.24	.5918	.3538	565.0	.8254-03
39	93.600	1.0600	842.00	.1659-01	.1962-01	.1992-01	31.26	.5186	.3534	564.4	.7227-03

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K16)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
43	7.320	3.857	872.5	1462.	359.6	.4109	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG R	STN NO R=0.9
43	46.800	.40000	823.00	.4417-01	.5238-01	.5317-01	55.61	2.456	.3625	543.2	.9613-03
43	46.800	.50000	824.00	.4355-01	.5165-01	.5243-01	55.62	2.422	.3624	543.0	.9478-03
43	46.800	.60000	825.00	.2975-01	.3528-01	.3582-01	55.65	1.656	.3621	542.6	.6475-03
43	46.800	.70000	826.00	.3784-01	.4487-01	.4555-01	55.67	2.107	.3619	542.3	.8235-03
43	46.800	.80000	827.00	.4384-01	.5200-01	.5278-01	55.65	2.440	.3621	542.5	.9542-03
43	46.800	.90000	828.00	.4122-01	.4888-01	.4962-01	55.64	2.293	.3622	542.8	.8970-03
43	93.600	.40000	831.00	.6138-01	.7280-01	.7390-01	55.58	3.412	.3628	543.6	.1336-02
43	93.600	.60000	833.00	.4658-01	.5522-01	.5605-01	55.73	2.596	.3612	541.2	.1013-02
43	93.600	.70000	834.00	.4104-01	.4866-01	.4939-01	55.71	2.286	.3614	541.6	.8929-03
43	93.600	.80000	835.00	.3635-01	.4310-01	.4375-01	55.68	2.024	.3617	542.0	.7910-03
43	93.600	.90000	836.00	.3358-01	.3982-01	.4042-01	55.68	1.870	.3618	542.1	.7308-03
43	93.600	.95000	837.00	.4075-01	.4834-01	.4907-01	55.59	2.265	.3627	543.6	.8871-03
43	93.600	.97500	838.00	.4270-01	.5064-01	.5140-01	55.64	2.376	.3622	542.7	.9293-03
43	93.600	1.0150	839.00	.3111-01	.3687-01	.3743-01	55.85	1.738	.3599	539.2	.6768-03
43	93.600	1.0300	840.00	.3011-01	.3569-01	.3622-01	55.79	1.680	.3606	540.3	.6550-03
43	93.600	1.0450	841.00	.3017-01	.3577-01	.3631-01	55.72	1.681	.3613	541.4	.6565-03
43	93.600	1.0600	842.00	.2502-01	.2966-01	.3011-01	55.68	1.393	.3617	542.0	.5444-03

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K17)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
44	7.320	.9681	239.8	1542.	380.6	.1091	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
44	46.800	.40000	823.00	.7798-01	.9208-01	.9013-01	31.68	2.471	.3469	550.3	.3343-02
44	46.800	.50000	824.00	.7430-01	.8772-01	.8586-01	31.70	2.355	.3467	549.8	.3185-02
44	46.800	.60000	825.00	.5153-01	.6084-01	.5955-01	31.70	1.634	.3465	549.6	.2209-02
44	46.800	.70000	826.00	.1188-01	.1404-01	.1374-01	31.56	.3750	.3494	554.2	.5098-03
44	46.800	.80000	827.00	.5544-01	.6546-01	.6407-01	31.71	1.758	.3464	549.4	.2377-02
44	46.800	.90000	828.00	.4120-01	.4865-01	.4761-01	31.71	1.307	.3463	549.3	.1766-02
44	93.600	.40000	831.00	.9535-01	.1126	.1102	31.67	3.020	.3472	550.7	.4088-02
44	93.600	.60000	833.00	.7414-01	.8753-01	.8567-01	31.72	2.351	.3463	549.2	.3178-02
44	93.600	.70000	834.00	.6388-01	.7541-01	.7381-01	31.72	2.026	.3462	549.1	.2738-02
44	93.600	.80000	835.00	.4925-01	.5814-01	.5691-01	31.71	1.562	.3464	549.5	.2111-02
44	93.600	.90000	836.00	.3911-01	.4618-01	.4520-01	31.71	1.240	.3464	549.4	.1677-02
44	93.600	.95000	837.00	.5172-01	.6107-01	.5977-01	31.69	1.639	.3468	550.1	.2217-02
44	93.600	.97500	838.00	.5417-01	.6396-01	.6260-01	31.70	1.717	.3466	549.7	.2322-02
44	93.600	1.0150	839.00	.3775-01	.4456-01	.4362-01	31.77	1.199	.3453	547.7	.1618-02
44	93.600	1.0300	840.00	.3610-01	.4262-01	.4171-01	31.74	1.146	.3458	548.5	.1547-02
44	93.600	1.0450	841.00	.3584-01	.4231-01	.4141-01	31.71	1.136	.3465	549.5	.1536-02
44	93.600	1.0600	842.00	.3198-01	.3776-01	.3695-01	31.71	1.014	.3464	549.4	.1371-02

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE (RE2K18)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
49	7.320	3.464	873.5	1559.	384.9	.3949	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
49	46.800	.40000	823.00	.7201-01	.8521-01	.8338-01	60.45	4.353	.3543	568.4	.1631-02
49	46.800	.50000	824.00	.7561-01	.8946-01	.8753-01	60.50	4.575	.3538	567.5	.1713-02
49	46.800	.60000	825.00	.6362-01	.7526-01	.7364-01	60.56	3.853	.3533	566.7	.1441-02
49	46.800	.70000	826.00	.1021	.1208	.1182	60.58	6.185	.3530	566.3	.2312-02
49	46.800	.80000	827.00	.1381	.1633	.1598	60.57	8.363	.3532	566.5	.3128-02
49	46.800	.90000	828.00	.1312	.1552	.1519	60.52	7.940	.3537	567.3	.2972-02
49	93.600	.40000	831.00	.8972-01	.1062	.1039	60.44	5.423	.3545	568.6	.2033-02
49	93.600	.60000	833.00	.8210-01	.9710-01	.9502-01	60.62	4.977	.3525	565.6	.1859-02
49	93.600	.70000	834.00	.9194-01	.1087	.1064	60.66	5.577	.3522	565.0	.2082-02
49	93.600	.80000	835.00	.1176	.1390	.1361	60.62	7.126	.3526	565.7	.2662-02
49	93.600	.90000	836.00	.1260	.1491	.1459	60.56	7.632	.3532	566.6	.2854-02
49	93.600	.95000	837.00	.1353	.1601	.1567	60.44	8.177	.3545	568.7	.3065-02
49	93.600	.97500	838.00	.1400	.1656	.1620	60.50	8.467	.3539	567.7	.3171-02
49	93.600	1.0150	839.00	.1108	.1310	.1282	60.75	6.733	.3513	563.5	.2509-02
49	93.600	1.0300	840.00	.1045	.1236	.1209	60.64	6.335	.3524	565.3	.2366-02
49	93.600	1.0450	841.00	.1032	.1221	.1194	60.52	6.244	.3536	567.3	.2337-02
49	93.600	1.0600	842.00	.8319-01	.9843-01	.9631-01	60.48	5.031	.3541	567.9	.1885-02

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

(RE2K19)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -30.00 BOFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
55	7.320	3.697	875.1	1502.	370.0	.4052	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
55	46.800	.40000	823.00	.7152-01	.8473-01	.8289-01	57.71	4.127	.3586	553.0	.1581-02
55	46.800	.50000	824.00	.7534-01	.8926-01	.8732-01	57.73	4.350	.3584	552.7	.1665-02
55	46.800	.60000	825.00	.6758-01	.8006-01	.7832-01	57.74	3.902	.3583	552.4	.1494-02
55	46.800	.70000	826.00	.1162	.1376	.1347	57.74	6.710	.3583	552.4	.2568-02
55	46.800	.80000	827.00	.1601	.1897	.1856	57.74	9.244	.3584	552.6	.3539-02
55	46.800	.90000	828.00	.1518	.1798	.1759	57.73	8.762	.3584	552.7	.3354-02
55	93.600	.40000	831.00	.8913-01	.1056	.1033	57.69	5.142	.3588	553.2	.1970-02
55	93.600	.60000	833.00	.8558-01	.1014	.9917-01	57.81	4.948	.3575	551.3	.1891-02
55	93.600	.70000	834.00	.1036	.1227	.1200	57.80	5.988	.3577	551.5	.2289-02
55	93.600	.80000	835.00	.1388	.1645	.1609	57.77	8.020	.3580	552.0	.3068-02
55	93.600	.90000	836.00	.1448	.1715	.1678	57.74	8.360	.3583	552.5	.3200-02
55	93.600	.95000	837.00	.1498	.1775	.1737	57.67	8.641	.3591	553.7	.3312-02
55	93.600	.97500	838.00	.1533	.1816	.1777	57.75	8.854	.3582	552.2	.3388-02
55	93.600	1.0150	839.00	.1217	.1441	.1410	58.04	7.066	.3551	547.5	.2689-02
55	93.600	1.0300	840.00	.1140	.1349	.1320	57.96	6.606	.3560	548.8	.2518-02
55	93.600	1.0450	841.00	.1121	.1327	.1299	57.86	6.486	.3570	550.4	.2476-02
55	93.600	1.0600	842.00	.9129-01	.1081	.1058	57.80	5.276	.3577	551.5	.2017-02

ARC 3.5-199 OH26 (01) BOTTOM OF FUSELAGE

(RE2K20)

BOTTOM OF FUSELAGE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = 15.00 BDFLAP = 15.00
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
56	7.320	6.729	1643.	1529.	377.2	.7518	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
56	46.800	.40000	823.00	.4939-01	.5853-01	.5941-01	80.49	3.976	.3598	565.5	.8066-03
56	46.800	.50000	824.00	.4982-01	.5904-01	.5993-01	80.50	4.011	.3597	565.3	.8136-03
56	46.800	.60000	825.00	.4350-01	.5154-01	.5231-01	80.63	3.507	.3587	563.8	.7103-03
56	46.800	.80000	827.00	.1269	.1504	.1526	80.71	10.24	.3581	562.9	.2072-02
56	46.800	.90000	828.00	.1218	.1443	.1465	80.67	9.828	.3584	563.3	.1989-02
56	93.600	.40000	831.00	.6508-01	.7715-01	.7831-01	80.32	5.227	.3610	567.5	.1063-02
56	93.600	.60000	833.00	.5691-01	.6740-01	.6841-01	80.81	4.599	.3573	561.6	.9290-03
56	93.600	.70000	834.00	.6541-01	.7746-01	.7862-01	80.80	5.285	.3574	561.8	.1068-02
56	93.600	.80000	835.00	.9619-01	.1139	.1156	80.76	7.769	.3577	562.2	.1570-02
56	93.600	.90000	836.00	.9239-01	.1096	.1112	80.11	7.401	.3627	570.1	.1510-02
56	93.600	.95000	837.00	.1202	.1425	.1446	80.42	9.669	.3603	566.3	.1964-02
56	93.600	.97500	838.00	.1276	.1514	.1537	79.98	10.20	.3637	571.6	.2085-02
56	93.600	1.0150	839.00	.2617	.3099	.3145	80.78	21.14	.3575	562.0	.4271-02
56	93.600	1.0300	840.00	.2757	.3267	.3316	80.49	22.19	.3598	565.6	.4502-02
56	93.600	1.0450	841.00	.2845	.3373	.3424	80.24	22.83	.3617	568.6	.4648-02
56	93.600	1.0600	842.00	.2299	.2727	.2768	80.09	18.41	.3628	570.3	.3757-02

ARC 3.5-199 OH26 (01) MISCELLANEOUS T/C

(RE2L01)

MISCELLANEOUS T/C

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01
5	7.320	.8912	234.1	1596.	394.8	.1042	.1750-01

TEST DATA

RUN NUMBER	Z	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
5	350.00	.76000-01	121.00	.7005-01	.8237-01	.8066-01	33.30	2.333	.3315	545.5	.3100-02
4	500.00	1.0140	258.00	.3601-02	.4266-02	.4174-02	29.81	.1073	.3593	543.5	.1492-03

ARC 3.5-199 OH26 (01) MISCELLANEOUS T/C (RE2L02)

MISCELLANEOUS T/C

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01
6	7.320	3.709	872.9	1497.	368.6	.4051	.1750-01

TEST DATA

RUN NUMBER	Z	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
6	350.00	.76000-01	121.00	.6941-01	.8223-01	.8045-01	57.43	3.986	.3585	550.6	.1533-02

ARC 3.5-199 OH26 (01) MISCELLANEOUS T/C (RE2L03)

MISCELLANEOUS T/C

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01
28	7.320	6.975	1658.	1506.	371.0	.7666	.1750-01

TEST DATA

RUN NUMBER	Z	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
28	350.00	.76000-01	121.00	.6652-01	.7927-01	.7749-01	77.11	5.129	.3785	585.2	.1075-02
24	500.00	1.0140	258.00	.1937-01	.2317-01	.2264-01	74.41	1.441	.3904	594.0	.3106-03

ARC 3.5-199 OH26 (01) MISCELLANEOUS T/C (RE2L04)

MISCELLANEOUS T/C

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01
29	7.320	7.043	1656.	1496.	368.4	.7686	.1750-01

TEST DATA

RUN NUMBER	Z	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
29	350.00	.76000-01	121.00	.6878-01	.8198-01	.8326-01	76.43	5.257	.3789	581.7	.1108-02
25	500.00	1.0140	258.00	.1207-01	.1443-01	.1466-01	74.71	.9021	.3882	591.4	.1938-03

ARC 3.5-199 OH26 (01) MISCELLANEOUS T/C (RE2L05)

MISCELLANEOUS T/C

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01
27	7.320	6.755	1656.	1533.	378.2	.7567	.1750-01

TEST DATA

RUN NUMBER	Z	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
27	350.00	.76000-01	121.00	.6929-01	.8237-01	.8206-01	79.64	5.518	.3704	583.7	.1132-02
26	500.00	1.0140	258.00	.1465-01	.1744-01	.1737-01	77.12	1.130	.3753	577.8	.2361-03

ARC 3.5-199 OH26 (01) MISCELLANEOUS T/C (RE2L14)

MISCELLANEOUS T/C

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -7.000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01

TEST DATA

RUN NUMBER	Z	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
52	500.00	1.0140	256.00	.9463-02	.1122-01	.1097-01	59.43	.5623	.3608	575.1	.2139-03

ARC 3.5-199 OH26 (01) MISCELLANEOUS T/C (RE2L15)

MISCELLANEOUS T/C

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01

TEST DATA

RUN NUMBER	Z	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
40	500.00	1.0140	258.00	.1363-01	.1616-01	.1640-01	30.41	.4145	.3606	567.4	.5894-03

ARC 3.5-199 OH26 (O') MISCELLANEOUS T/C (RE2L16)

MISCELLANEOUS T/C

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01

TEST DATA

RUN NUMBER	Z	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
41	500.00	1.0140	258.00	.1247-01	.1478-01	.1500-01	60.16	.7504	.3584	577.3	.2841-03

ARC 3.5-199 OH26 (01) MISCELLANEOUS T/C (RE2L17)

MISCELLANEOUS T/C

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01

TEST DATA

RUN NUMBER	Z	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
46	500.00	1.0140	258.00	.4196-02	.4949-02	.4845-02	32.51	.1364	.3425	552.9	.1816-03

ARC 3.5-199 OH26 (01) MISCELLANEOUS T/C (RE2L18)

MISCELLANEOUS T/C

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01

TEST DATA

RUN NUMBER	Z	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
47	500.00	1.0140	256.00	.8817-02	.1046-01	.1023-01	57.70	.5088	.3623	561.6	.1957-03

ARC 3.5-199 OH26 (01) MISCELLANEOUS T/C (RE2L19)

MISCELLANEOUS T/C

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -30.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01

TEST DATA

RUN NUMBER	Z	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
53	500.00	1.0140	258.00	.6407-02	.7589-02	.7425-02	59.28	.3798	.3579	566.5	.1441-03

ARC 3.5-199 OH26 (01) OMS BOTTOM CREASE (RE2M01)

OMS BOTTOM CREASE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01

TEST DATA

RUN NUMBER	LINE	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
4	1.0000	.82900	241.00	.4339-03	.5142-03	.5030-03	29.80	.1293-01	.3596	544.0	.1798-04

ARC 3.5-199 OH26 (01) OMS BOTTOM CREASE (RE2M02)

OMS BOTTOM CREASE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01

TEST DATA

RUN NUMBER	LINE	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
7	1.0000	.82900	241.00	.3369-02	.3981-02	.3896-02	60.44	.2036	.3495	556.6	.7595-04

ARC 3.5-199 OH26 (01) OMS BOTTOM CREASE (RE2M03)

OMS BOTTOM CREASE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01

TEST DATA

RUN NUMBER	LINE	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
24	1.0000	.82900	241.00	.1021-01	.1220-01	.1192-01	74.74	.7632	.3877	590.0	.1636-03

ARC 3.5-199 OH26 (01) OMS BOTTOM CREASE (RE2M04)

OMS BOTTOM CREASE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01

TEST DATA

RUN NUMBER	LINE	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
25	1.0000	.82900	241.00	.5505-01	.6580-01	.6685-01	74.74	4.115	.3879	591.0	.8834-03
25	1.0000	.90000	242.00	.1711-01	.2042-01	.2074-01	75.32	1.288	.3834	584.1	.2742-03

ARC 3.5-199 OH26 (01) OMS BOTTOM CREASE (RE2M05)

OMS BOTTOM CREASE

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01

TEST DATA

RUN NUMBER	LINE	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
26	1.0000	.82900	241.00	.2763-01	.3286-01	.3273-01	77.63	2.145	.3713	571.7	.4449-03
26	1.0000	.90000	242.00	.6068-02	.7206-02	.7179-02	78.22	.4747	.3667	564.6	.9762-04

ARC 3.5-199 OH26 (01) OMS BOTTOM CREASE (RE2M14)

OMS BOTTOM CREASE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -7.000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01

TEST DATA

RUN NUMBER	LINE	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
52	1.0000	.82900	241.00	.3222-02	.3819-02	.3736-02	59.51	.1918	.3599	573.7	.7282-04
52	1.0000	.90000	242.00	.2254-02	.2670-02	.2612-02	59.75	.1347	.3575	569.8	.5092-04

ARC 3.5-199 OH26 (01) OMS BOTTOM CREASE (RE2M15)

OMS BOTTOM CREASE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01

TEST DATA

RUN NUMBER	LINE	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
40	1.0000	.82900	241.00	.1579-01	.1872-01	.1901-01	30.32	.4787	.3623	570.0	.6829-03
40	1.0000	.90000	242.00	.6728-02	.7975-02	.8095-02	30.43	.2047	.3602	566.6	.2909-03

ARC 3.5-199 OH26 (01) OMS BOTTOM CREASE (RE2M16)

OMS BOTTOM CREASE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01

TEST DATA

RUN NUMBER	LINE	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
41	1.0000	.82900	241.00	.4862-01	.5758-01	.5844-01	60.25	2.929	.3576	575.9	.1107-02
41	1.0000	.90000	242.00	.1236-01	.1462-01	.1484-01	60.59	.7486	.3541	570.3	.2812-03

ARC 3.5-199 OH26 (01) OMS BOTTOM CREASE (RE2M18)

OMS BOTTOM CREASE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01

TEST DATA

RUN NUMBER	LINE	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
47	1.0000	.82900	241.00	.2976-02	.3529-02	.3452-02	57.83	.1721	.3609	559.7	.6605-04

ARC 3.5-199 OH26 (01) OMS BOTTOM CREASE (RE2M19)

OMS BOTTOM CREASE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -30.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01

TEST DATA

RUN NUMBER	LINE	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
53	1.0000	.82900	241.00	.3297-02	.3906-02	.3821-02	59.25	.1954	.3582	567.0	.7418-04

ARC 3.5-199 OH26 (01) OMS WL 474 (RE2N01)

OMS WL 474

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01

TEST DATA

RUN NUMBER	WL	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
4	474.00	.80500	247.00	.3641-02	.4317-02	.4223-02	29.69	.1081	.3618	547.3	.1509-03
4	474.00	.82900	248.00	.4009-02	.4753-02	.4649-02	29.71	.1191	.3614	546.8	.1661-03
4	474.00	.86200	249.00	.1167-01	.1383-01	.1353-01	29.79	.3477	.3597	544.1	.4834-03
4	474.00	.96300	250.00	.6519-02	.7720-02	.7553-02	29.91	.1950	.3572	540.4	.2699-03
4	474.00	1.0140	252.00	.3220-02	.3815-02	.3732-02	29.82	.9602-01	.3590	543.2	.1334-03

DATE 01 JUL 77 AMES 3.5-199 OH26

ARC 3.5-199 OH26 (01) OMS WL 474

OMS WL 474

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01

TEST DATA

RUN NUMBER	WL	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
7	474.00	.80500	247.00	.8992-01	.1064	.1041	60.04	5.399	.3536	563.2	.2029-02
7	474.00	.82900	248.00	.8069-01	.9544-01	.9339-01	60.09	4.848	.3531	562.4	.1820-02
7	474.00	.86200	249.00	.6005-01	.7097-01	.6945-01	60.37	3.625	.3502	557.8	.1354-02
7	474.00	.96300	250.00	.1577-01	.1862-01	.1823-01	60.67	.9567	.3472	552.9	.3553-03
7	474.00	1.0140	252.00	.9781-02	.1156-01	.1131-01	60.31	.5899	.3508	558.7	.2206-03

ARC 3.5-199 OH26 (01) OMS WL 474 (RE2N03)

OMS WL 474

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01

TEST DATA

RUN NUMBER	WL	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
24	474.00	.80500	247.00	.5962-02	.7138-02	.6973-02	74.12	.4419	.3927	597.5	.9565-04
24	474.00	.82900	248.00	.1512-01	.1809-01	.1767-01	74.18	1.121	.3922	596.8	.2425-03
24	474.00	.86200	249.00	.1946-01	.2326-01	.2273-01	74.57	1.451	.3891	592.0	.3118-03
24	474.00	.96300	250.00	.2710-01	.3237-01	.3164-01	74.98	2.032	.3859	587.1	.4340-03
24	474.00	1.0140	252.00	.1485-01	.1776-01	.1735-01	74.47	1.106	.3899	593.3	.2381-03

ARC 3.5-199 OH26 (01) OMS WL 474 (RE2N04)

OMS WL 474

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01

TEST DATA

RUN NUMBER	WL	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
25	474.00	.80500	247.00	.1181	.1415	.1437	73.85	8.720	.3950	601.8	.1898-02
25	474.00	.82900	248.00	.7572-01	.9068-01	.9214-01	73.97	5.601	.3940	600.3	.1217-02
25	474.00	.86200	249.00	.4508-01	.5391-01	.5476-01	74.56	3.361	.3894	593.2	.7237-03
25	474.00	.96300	250.00	.1820-01	.2173-01	.2208-01	75.23	1.369	.3841	585.2	.2919-03
25	474.00	1.0140	252.00	.1662-01	.1987-01	.2018-01	74.81	1.244	.3874	590.2	.2667-03

ARC 3.5-199 OH26 (01) OMS WL 474 (RE2N05)

OMS WL 474

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01

TEST DATA

RUN NUMBER	WL	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
26	474.00	.80500	247.00	.8838-01	.1053	.1049	76.66	6.775	.3789	583.3	.1426-02
26	474.00	.82900	248.00	.5784-01	.6891-01	.6865-01	76.79	4.441	.3778	581.8	.9328-03
26	474.00	.86200	249.00	.4087-01	.4863-01	.4844-01	77.40	3.163	.3731	574.4	.6584-03
26	474.00	.96300	250.00	.3762-01	.4471-01	.4454-01	77.94	2.932	.3689	568.0	.6055-03
26	474.00	1.0140	252.00	.2985-01	.3553-01	.3539-01	77.22	2.305	.3745	576.7	.4810-03

ARC 3.5-199 OH26 (01) OMS WL 474 (RE2N14)

OMS WL 474

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -7.000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01

TEST DATA

RUN NUMBER	WL	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
52	474.00	.80500	247.00	.5326-01	.6318-01	.6180-01	59.21	3.154	.3630	578.6	.1204-02
52	474.00	.82900	248.00	.6071-01	.7202-01	.7044-01	59.24	3.597	.3627	578.2	.1373-02
52	474.00	.86200	249.00	.4933-01	.5848-01	.5720-01	59.44	2.932	.3606	574.8	.1115-02
52	474.00	.96300	250.00	.1223-01	.1448-01	.1417-01	59.67	.7295	.3582	571.0	.2762-03
52	474.00	1.0140	252.00	.5412-02	.6415-02	.6275-02	59.45	.3217	.3605	574.7	.1223-03

ARC 3.5-199 OH26 (01) OMS WL 474 (RE2N15)

OMS WL 474

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01

TEST DATA

RUN NUMBER	WL	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
40	474.00	.80500	247.00	.1229	.1458	.1480	30.24	3.716	.3640	572.7	.5318-02
40	474.00	.82900	248.00	.7329-01	.8696-01	.8827-01	30.25	2.217	.3639	572.5	.3172-02
40	474.00	.86200	249.00	.4846-01	.5748-01	.5835-01	30.33	1.470	.3623	570.0	.2097-02
40	474.00	.96300	250.00	.3605-01	.4272-01	.4336-01	30.46	1.098	.3596	565.8	.1559-02
40	474.00	1.0140	252.00	.3245-01	.3847-01	.3905-01	30.42	.9873	.3604	567.0	.1403-02

ARC 3.5-199 OH26 (01) OMS WL 474 (RE2N16)

OMS WL 474

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01
41	7.320	3.427	869.7	1564.	396.4	.3922	.1750-01

TEST DATA

RUN NUMBER	WL	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
41	474.00	.80500	247.00	.1207	.1431	.1453	59.81	7.219	.3620	583.1	.2752-02
41	474.00	.82900	248.00	.6993-01	.8292-01	.8418-01	59.85	4.186	.3616	582.4	.1594-02
41	474.00	.86200	249.00	.4455-01	.5277-01	.5356-01	60.16	2.680	.3585	577.3	.1015-02
41	474.00	.96300	250.00	.1716-01	.2031-01	.2062-01	60.51	1.039	.3549	571.5	.3907-03
41	474.00	1.0140	252.00	.1403-01	.1662-01	.1687-01	60.21	.8449	.3580	576.5	.3197-03

ARC 3.5-199 OH26 (01) OMS WL 474 (RE2N17)

OMS WL 474

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01
48	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01

TEST DATA

RUN NUMBER	WL	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
46	474.00	.80500	247.00	.3375-02	.3984-02	.3899-02	32.37	.1093	.3451	557.1	.1462-03
46	474.00	.82900	248.00	.3815-02	.4502-02	.4407-02	32.38	.1235	.3450	556.9	.1652-03
46	474.00	.86200	249.00	.9529-02	.1124-01	.1100-01	32.45	.3092	.3435	554.5	.4125-03
46	474.00	.96300	250.00	.5484-02	.6466-02	.6330-02	32.56	.1786	.3414	551.2	.2373-03
46	474.00	1.0140	252.00	.1404-02	.1656-02	.1621-02	32.52	.4566-01	.3423	552.5	.6077-04

ARC 3.5-199 OH26 (01) OMS WL 474 (RE2N18)

OMS WL 474

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01

TEST DATA

RUN NUMBER	WL	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
47	474.00	.80500	247.00	.4926-01	.5845-01	.5717-01	57.54	2.834	.3640	564.5	.1094-02
47	474.00	.82900	248.00	.5727-01	.6795-01	.6646-01	57.56	3.296	.3638	564.1	.1272-02
47	474.00	.86200	249.00	.4654-01	.5518-01	.5398-01	57.76	2.688	.3616	560.8	.1033-02
47	474.00	.96300	250.00	.1144-01	.1356-01	.1327-01	57.98	.6635	.3594	557.3	.2539-03
47	474.00	1.0140	252.00	.4183-02	.4960-02	.4852-02	57.72	.2414	.3621	561.5	.9284-04

ARC 3.5-199 OH26 (01) OMS WL 474 (RE2N19)

OMS WL 474

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -30.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01

TEST DATA

RUN NUMBER	WL	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
53	474.00	.80500	247.00	.2676-01	.3174-01	.3104-01	58.90	1.576	.3618	572.6	.6025-03
53	474.00	.82900	248.00	.3928-01	.4657-01	.4555-01	58.94	2.315	.3613	572.0	.8842-03
53	474.00	.86200	249.00	.3350-01	.3968-01	.3882-01	59.20	1.983	.3587	567.8	.7536-03
53	474.00	.96300	250.00	.8271-02	.9790-02	.9579-02	59.51	.4922	.3554	562.6	.1860-03
53	474.00	1.0140	252.00	.3943-02	.4670-02	.4569-02	59.29	.2338	.3577	566.2	.8869-04

ARC 3.5-199 OH26 (01) OMS PHI=149

(RE2001)

OMS PHI=149

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
4	149.00	.80500	253.00	.5521-02	.6547-02	.6404-02	29.69	.1640	.3617	547.3	.2289-03
4	149.00	.82900	254.00	.7562-02	.8966-02	.8771-02	29.70	.2245	.3617	547.2	.3134-03
4	149.00	.86200	255.00	.8937-02	.1059-01	.1036-01	29.79	.2663	.3597	544.2	.3703-03
4	149.00	.96300	256.00	.9648-02	.1143-01	.1118-01	29.91	.2886	.3572	540.4	.3995-03

ARC 3.5-199 OH26 (01) OMS PHI=149 (RE2002)

OMS PHI=149

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEI. SLUG/ FT2SEC	SCALE
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
7	149.00	.82900	254.00	.7489-01	.8860-01	.8669-01	60.03	4.496	.3537	563.3	.1690-02
7	149.00	.86200	255.00	.3027-01	.3578-01	.3502-01	60.34	1.826	.3506	558.3	.6826-03
7	149.00	.96300	256.00	.1539-01	.1818-01	.1779-01	60.63	.9331	.3475	553.4	.3468-03

ARC 3.5-199 OH26 (01) OMS PHI=149 (RE2003)

OMS PHI=149

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
24	149.00	.80500	253.00	.2330-01	.2790-01	.2725-01	74.06	1.726	.3931	598.2	.3738-03
24	149.00	.82900	254.00	.2722-01	.3259-01	.3183-01	74.07	2.016	.3930	598.0	.4367-03
24	149.00	.86200	255.00	.2397-01	.2866-01	.2801-01	74.52	1.786	.3895	592.7	.3842-03
24	149.00	.96300	256.00	.3392-01	.4052-01	.3960-01	74.94	2.542	.3862	587.7	.5432-03

ARC 3.5-199 OH26 (01) OMS PHI=149 (RE2004)

OMS PHI=149

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
25	149.00	.80500	253.00	.9359-01	.1121	.1140	73.77	6.904	.3956	602.7	.1505-02
25	149.00	.82900	254.00	.6253-01	.7491-01	.7612-01	73.83	4.617	.3951	601.9	.1005-02
25	149.00	.86200	255.00	.2580-01	.3086-01	.3135-01	74.46	1.921	.3902	594.5	.4142-03
25	149.00	.96300	256.00	.1169-01	.1395-01	.1417-01	75.17	.8784	.3846	585.9	.1874-03

ARC 3.5-199 OH26 (01) OMS PHI=149 (RE2005)

OMS PHI=149

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
26	149.00	.80500	253.00	.6399-01	.7629-01	.7600-01	76.58	4.900	.3795	584.3	.1033-02
26	149.00	.82900	254.00	.4668-01	.5564-01	.5543-01	76.65	3.578	.3789	583.5	.7531-03
26	149.00	.86200	255.00	.2170-01	.2582-01	.2573-01	77.30	1.677	.3738	575.6	.3497-03
26	149.00	.96300	256.00	.7851-02	.9332-02	.9297-02	77.84	.6112	.3696	569.2	.1264-03

ARC 3.5-199 OH26 (01) OMS PHI=149

OMS PHI=149

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -7.000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
52	149.00	.80500	253.00	.7589-01	.9002-01	.8806-01	59.21	4.493	.3630	578.7	.1716-02
52	149.00	.82900	254.00	.7761-01	.9207-01	.9005-01	59.20	4.595	.3631	578.8	.1755-02
52	149.00	.86200	255.00	.3325-01	.3942-01	.3856-01	59.44	1.976	.3607	574.9	.7516-03
52	149.00	.96300	256.00	.1491-01	.1766-01	.1728-01	59.68	.8898	.3581	570.8	.3368-03

ARC 3.5-199 OH26 (01) OMS PHI=149

OMS PHI=149

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
40	149.00	.80500	253.00	.1013	.1202	.1220	30.25	3.064	.3638	572.3	.4384-02
40	149.00	.82900	254.00	.5727-01	.6795-01	.6898-01	30.24	1.732	.3639	572.6	.2478-02
40	149.00	.86200	255.00	.2634-01	.3124-01	.3171-01	30.34	.7992	.3621	569.7	.1140-02
40	149.00	.96300	256.00	.1147-01	.1359-01	.1379-01	30.48	.3496	.3591	565.0	.4958-03

ARC 3.5-199 OH26 (01) OMS PHI=149 (RE2016)

OMS PHI=149

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
41	149.00	.80500	253.00	.9167-01	.1087	.1104	59.81	5.482	.3621	583.2	.2090-02
41	149.00	.82900	254.00	.5890-01	.6984-01	.7090-01	59.81	3.522	.3621	583.1	.1343-02
41	149.00	.86200	255.00	.2776-01	.3289-01	.3338-01	60.14	1.669	.3587	577.6	.6324-03
41	149.00	.96300	256.00	.1353-01	.1601-01	.1625-01	60.50	.8185	.3550	571.7	.3080-03

ARC 3.5-199 OH26 (01) OMS PHI=149

(RE2017)

OMS PHI=149

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
46	149.00	.80500	253.00	.4574-02	.5398-02	.5284-02	32.37	.1481	.3450	557.0	.1981-03
46	149.00	.82900	254.00	.5847-02	.6901-02	.6755-02	32.36	.1892	.3452	557.3	.2532-03
46	149.00	.86200	255.00	.7781-02	.9179-02	.8986-02	32.45	.2525	.3435	554.5	.3368-03
46	149.00	.96300	256.00	.8920-02	.1052-01	.1029-01	32.58	.2906	.3410	550.5	.3859-03

ARC 3.5-199 OH26 (01) OMS PHI=149 (RE2018)

OMS PHI=149

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
47	149.00	.80500	253.00	.7636-01	.9061-01	.8862-01	57.53	4.393	.3641	564.6	.1696-02
47	149.00	.82900	254.00	.7587-01	.9003-01	.8806-01	57.52	4.364	.3642	564.8	.1685-02
47	149.00	.86200	255.00	.3201-01	.3796-01	.3713-01	57.75	1.849	.3618	561.0	.7105-03
47	149.00	.96300	256.00	.1364-01	.1617-01	.1582-01	57.97	.7909	.3594	557.4	.3027-03

ARC 3.5-199 OH26 (01) OMS PHI=149 (RE2019)

OMS PHI=149

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -30.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01

TEST DATA

RUN NUMBER	PHI	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
53	149.00	.80500	253.00	.4926-01	.5842-01	.5714-01	58.89	2.901	.3619	572.8	.1109-02
53	149.00	.82900	254.00	.6522-01	.7734-01	.7565-01	58.89	3.841	.3618	572.8	.1468-02
53	149.00	.86200	255.00	.3136-01	.3715-01	.3635-01	59.18	1.856	.3588	568.0	.7055-03
53	149.00	.96300	256.00	.1210-01	.1432-01	.1401-01	59.54	.7204	.3552	562.2	.2720-03

ARC 3.5-199 OH26 (01) OMS TOP (RE2P01)

OMS TOP

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
4	95.000	.80500	259.00	.6376-02	.7560-02	.7395-02	29.71	.1894	.3615	546.9	.2643-03
4	95.000	.86200	261.00	.2305-02	.2731-02	.2671-02	29.82	.6872-01	.3592	543.4	.9547-04
4	95.000	.96300	262.00	.3936-02	.4661-02	.4560-02	29.93	.1178	.3568	539.8	.1630-03

ARC 3.5-199 OH26 (01) OMS TOP (RE2P02)

OMS TOP

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
7	95.000	.96300	262.00	.2953-02	.3487-02	.3413-02	60.69	.1792	.3469	552.5	.6654-04

ARC 3.5-199 OH26 (01) OMS TOP (RE2P03)

OMS TOP

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
24	95.000	.80500	259.00	.1981-01	.2372-01	.2317-01	74.06	1.467	.3931	598.2	.3178-03
24	95.000	.86200	261.00	.2131-01	.2549-01	.2490-01	74.55	1.589	.3893	592.3	.3416-03
24	95.000	.96300	262.00	.2797-01	.3341-01	.3265-01	75.02	2.099	.3856	586.7	.4480-03

ARC 3.5-199 OH26 (01) OMS TOP

(RE2F04)

OMS TOP

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
25	95.000	.80500	259.00	.5641-01	.6759-01	.6868-01	73.79	4.163	.3955	602.4	.9071-03
25	95.000	.86200	261.00	.4004-02	.4789-02	.4865-02	74.49	.2982	.3900	594.1	.6428-04
25	95.000	.96300	262.00	.5313-02	.6344-02	.6444-02	75.19	.3995	.3844	585.6	.8519-04

ARC 3.5-199 OH26 (01) OMS TOP (RE2P05)

OMS TOP

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
26	95.000	.80500	259.00	.4175-01	.4977-01	.4958-01	76.60	3.198	.3793	584.1	.6736-03
26	95.000	.86200	261.00	.2680-02	.3189-02	.3177-02	77.34	.2073	.3735	575.1	.4318-04
26	95.000	.96300	262.00	.5401-02	.6419-02	.6395-02	77.88	.4206	.3694	568.7	.8694-04

ARC 3.5-199 OH26 (01) OMS TOP

(RE2P14)

OMS TOP

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -7.000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
52	95.000	.80500	259.00	.4568-01	.5419-01	.5300-01	59.23	2.706	.3628	578.3	.1033-02
52	95.000	.96300	262.00	.2834-02	.3357-02	.3284-02	59.76	.1694	.3574	569.6	.6401-04

ARC 3.5-199 OH26 (01) OMS TOP (RE2P15)

OMS TOP

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO -	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
40	95.000	.80500	259.00	.5354-01	.6351-01	.6448-01	30.27	1.620	.3635	571.8	.2317-02
40	95.000	.86200	261.00	.4900-02	.5811-02	.5898-02	30.36	.1488	.3616	568.9	.2120-03
40	95.000	.96300	262.00	.3002-02	.3556-02	.3610-02	30.51	.9159-01	.3585	564.1	.1298-03

ARC 3.5-199 OH26 (01) OMS TOP

(RE2P16)

OMS TOP

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
41	95.000	.80500	259.00	.7135-01	.8461-01	.8589-01	59.84	4.270	.3617	582.5	.1627-02
41	95.000	.86200	261.00	.3858-02	.4570-02	.4639-02	60.20	.2323	.3580	576.6	.8789-04
41	95.000	.96300	262.00	.4879-02	.5773-02	.5859-02	60.57	.2956	.3542	570.5	.1111-03

ARC 3.5-199 OH26 (01) OMS TOP (RE2P17)

OMS TOP

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
46	95.000	.80500	259.00	.5452-02	.6434-02	.6298-02	32.38	.1766	.3449	556.7	.2361-03
46	95.000	.86200	261.00	.1778-02	.2098-02	.2053-02	32.48	.5775-01	.3431	553.8	.7697-04
46	95.000	.96300	262.00	.3631-02	.4280-02	.4190-02	32.60	.1184	.3407	550.0	.1571-03

ARC 3.5-199 OH26 (01) OMS TOP (RE2P18)

OMS TOP

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
47	95.000	.80500	259.00	.4519-01	.5362-01	.5245-01	57.55	2.601	.3639	564.3	.1004-02
47	95.000	.96300	262.00	.2660-02	.3151-02	.3083-02	58.03	.1544	.3588	556.4	.5900-04

ARC 3.5-199 OH26 (01) OMS TOP (RE2P19)

OMS TOP

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -30.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
53	95.000	.80500	259.00	.4116-01	.4880-01	.4774-01	58.91	2.424	.3617	572.5	.9266-03
53	95.000	.86200	261.00	.2835-02	.3358-02	.3286-02	59.24	.1679	.3583	567.2	.6378-04
53	95.000	.96300	262.00	.2654-02	.3140-02	.3073-02	59.62	.1582	.3543	560.9	.5965-04

ARC 3.5-199 OH26 (01) OMS INSIDE

(RE2Q01)

OMS INSIDE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
4	65.000	.86200	263.00	.5379-02	.6372-02	.6234-02	29.86	.1606	.3583	542.1	.2228-03
4	65.000	.96300	264.00	.4746-02	.5620-02	.5499-02	29.94	.1421	.3567	539.7	.1965-03

ARC 3.5-199 OH26 (01) OMS INSIDE

(RE2Q02)

OMS INSIDE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
7	65.000	.86200	263.00	.8466-02	.1000-01	.9788-02	60.53	.5125	.3486	555.1	.1908-03
7	65.000	.96300	264.00	.3650-02	.4310-02	.4218-02	60.71	.2216	.3467	552.2	.8223-04

OMS INSIDE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
24	65.000	.86200	263.00	.1890-01	.2259-01	.2207-01	74.78	1.414	.3874	589.5	.3028-03
24	65.000	.96300	264.00	.3508-01	.4190-01	.4095-01	75.03	2.632	.3855	586.6	.5618-03

ARC 3.5-199 OH26 (01) OMS INSIDE

(RE2004)

OMS INSIDE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
25	65.000	.86200	263.00	.1316-01	.1573-01	.1598-01	74.77	.9842	.3878	590.7	.2112-03
25	65.000	.96300	264.00	.9405-02	.1123-01	.1140-01	75.23	.7075	.3841	585.2	.1508-03

ARC 3.5-199 OH26 (01) OMS INSIDE (RE2Q05)

OMS INSIDE

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
26	65.000	.86200	263.00	.8364-02	.9945-02	.9908-02	77.64	.6494	.3712	571.5	.1347-03
26	65.000	.96300	264.00	.7010-02	.8331-02	.8299-02	77.90	.5461	.3692	56[illegible] 4	.1128-03

ARC 3.5-199 OH26 (01) OMS INSIDE (RE2Q14)

OMS INSIDE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -7.000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
52	65.000	.86200	263.00	.8181-02	.9693-02	.9483-02	59.61	.4877	.3589	572.0	.1848-03
52	65.000	.96300	264.00	.3488-02	.4131-02	.4042-02	59.77	.2085	.3572	569.3	.7878-04

ARC 3.5-199 OH26 (01) OMS INSIDE

(RE2015)

OMS INSIDE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
40	65.000	.86200	263.00	.2227-02	.2640-02	.2680-02	30.41	.6773-01	.3606	567.4	.9633-04
40	65.000	.96300	264.00	.9016-02	.1068-01	.1084-01	30.52	.2752	.3583	563.7	.3897-03

ARC 3.5-199 OH26 (01) OMS INSIDE (RE2016)

OMS INSIDE

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
41	65.000	.86200	263.00	.9935-02	.1176-01	.1194-01	60.38	.5998	.3562	573.7	.2262-03
41	65.000	.96300	264.00	.7350-02	.8697-02	.8826-02	60.60	.4454	.3540	570.0	.1673-03

ARC 3.5-199 OH26 (01) OMS INSIDE (RE2Q17)

OMS INSIDE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
46	65.000	.86200	263.00	.4942-02	.5828-02	.5706-02	32.52	.1607	.3423	552.6	.2139-03
46	65.000	.96300	264.00	.5011-02	.5907-02	.5783-02	32.60	.1634	.3407	549.9	.2168-03

ARC 3.5-199 OH26 (01) OMS INSIDE (RE2018)

OMS INSIDE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
47	65.000	.86200	263.00	.7790-02	.9233-02	.9032-02	57.92	.4512	.3600	558.2	.1728-03
47	65.000	.96300	264.00	.3708-02	.4393-02	.4298-02	58.04	.2152	.3587	556.3	.8225-04

ARC 3.5-199 OH26 (01) OMS INSIDE

(DE2019)

OMS INSIDE

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -30.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
53	65.000	.86200	263.00	.8218-02	.9731-02	.9520-02	59.37	.4879	.3569	565.0	.1848-03
53	65.000	.96300	264.00	.3292-02	.3895-02	.3811-02	59.63	.1963	.3542	560.7	.7399-04

ARC 3.5-199 OH26 (01) BOTTOM RCS

(RE2R01)

BOTTOM RCS

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01
4	7.320	1.060	243.4	1475.	363.0	.1140	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
4	121.40	1.0000	244.00	.3247-02	.3845-02	.3762-02	29.89	.9705-01	.3577	541.1	.1345-03
4	121.40	1.0140	245.00	.1868-02	.2212-02	.2164-02	29.90	.5584-01	.3575	540.8	.7733-04

ARC 3.5-199 OH26 (01) BOTTOM RCS

(RE2R02)

BOTTOM RCS

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01
7	7.320	3.500	872.4	1548.	382.1	.3961	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
7	121.40	1.0140	245.00	.4513-02	.5331-02	.5217-02	60.56	.2733	.3483	554.7	.1017-03

ARC 3.5-199 OH26 (01) BOTTOM RCS (RE2R03)

BOTTOM RCS

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01
24	7.320	7.167	1661.	1483.	365.1	.7753	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
24	121.40	1.0000	244.00	.1474-01	.1762-01	.1721-01	74.84	1.103	.3870	588.8	.2362-03
24	121.40	1.0140	245.00	.1440-01	.1721-01	.1681-01	74.86	1.078	.3868	588.6	.2307-03

ARC 3.5-199 OH26 (01) BOTTOM RCS (RE2R04)

BOTTOM RCS

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01
25	7.320	7.142	1658.	1485.	365.5	.7734	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
25	121.40	1.0000	244.00	.5077-02	.6061-02	.6156-02	75.21	.3818	.3843	585.4	.8139-04
25	121.40	1.0140	245.00	.4201-02	.5015-02	.5094-02	75.25	.3161	.3839	584.9	.6734-04

ARC 3.5-199 OH26 (01) BOTTOM RCS (RE2R05)

BOTTOM RCS

PARAMETRIC DATA

ALPHA = 25.00 BETA = .0000 ELEVON = .0000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 7.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01
26	7.320	7.009	1655.	1500.	369.4	.7671	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
26	121.40	1.0000	244.00	.7393-02	.8791-02	.8758-02	77.67	.5742	.3710	571.2	.1190-03
26	121.40	1.0140	245.00	.5483-02	.6519-02	.6495-02	77.68	.4259	.3709	571.1	.8829-04

ARC 3.5-199 OH26 (01) BOTTOM RCS

(RE2R14)

BOTTOM RCS

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -7.000 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01
52	7.320	3.498	873.1	1549.	382.5	.3963	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
52	121.40	1.0000	244.00	.6812-02	.8070-02	.7895-02	59.64	.4063	.3585	571.5	.1539-03
52	121.40	1.0140	245.00	.7038-02	.8338-02	.8157-02	59.65	.4198	.3585	571.4	.1590-03

ARC 3.5-199 OH26 (01) BOTTOM RCS (RE2R15)

BOTTOM RCS

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01
40	7.320	.9598	234.6	1531.	377.5	.1073	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
40	121.40	1.0000	244.00	.1524-02	.1806-02	.1833-02	30.48	.4645-01	.3591	565.0	.6588-04
40	121.40	1.0140	245.00	.1588-02	.1882-02	.1910-02	30.50	.4844-01	.3588	564.5	.6865-04

ARC 3.5-199 OH26 (01) BOTTOM RCS (RE2R16)

BOTTOM RCS

PARAMETRIC DATA

ALPHA = 20.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01
41	7.320	3.427	869.7	1564.	386.4	.3922	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
41	121.40	1.0000	244.00	.4952-02	.5861-02	.5948-02	60.46	.2994	.3554	572.4	.1127-03
41	121.40	1.0140	245.00	.4035-02	.4776-02	.4847-02	60.47	.2440	.3553	572.3	.9186-04

ARC 3.5-199 OH26 (01) BOTTOM RCS (RE2R17)

BOTTOM RCS

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 1.000

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01
46	7.320	.9423	240.0	1568.	387.3	.1081	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
46	121.40	1.0000	244.00	.2278-02	.2685-02	.2629-02	32.57	.7419-01	.3412	550.8	.9855-04
46	121.40	1.0140	245.00	.2076-02	.2447-02	.2396-02	32.59	.6765-01	.3409	550.3	.8982-04

ARC 3.5-199 OH26 (01) BOTTOM RCS (RE2R18)

BOTTOM RCS

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -15.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01
47	7.320	3.663	875.1	1510.	372.1	.4038	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
47	121.40	1.0000	244.00	.1004-01	.1190-01	.1164-01	57.90	.5812	.3602	558.6	.2228-03
47	121.40	1.0140	245.00	.8498-02	.1007-01	.9853-02	57.91	.4921	.3601	558.4	.1886-03

ARC 3.5-199 OH26 (01) BOTTOM RCS (RE2R19)

BOTTOM RCS

PARAMETRIC DATA

ALPHA = 30.00 BETA = .0000 ELEVON = -30.00 BDFLAP = .0000
SPDBRK = .0000 RN/L = 3.700

TEST CONDITIONS

RUN NUMBER	MACH	RN/L PER FT X10 6	PT PSIA	TT DEG. R	HT BTU/ LBM	RHOVEL SLUG/ FT2SEC	SCALE
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01
53	7.320	3.535	872.8	1539.	379.8	.3978	.1750-01

TEST DATA

RUN NUMBER	Y	X/L	T/C NO	H/HREF R=1.0	H/HREF R=0.9	H/HREF R=.912	QREF BTU/ FT2SEC	QDOT BTU/ FT2SEC	HW/HT	TW DEG. R	STN NO R=0.9
53	121.40	1.0000	244.00	.9071-02	.1074-01	.1051-01	59.49	.5396	.3557	563.0	.2040-03
53	121.40	1.0140	245.00	.8815-02	.1043-01	.1021-01	59.52	.5247	.3553	562.4	.1982-03