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RESULTS OF AN ORBITER SILTS POD HEAT TRANSFER AND FLOW FIELD TEST USING A 0.0175-SCALE SPACE SHUTTLE ORBITER (92-0) IN THE AEDC VKF HYPERSONIC WIND TUNNEL B (OH-400)

SPACE SHUTTLE AEROTHERMODYNAMIC DATA REPORT

Data Management Services
SPACE DIVISION CHRYSLER CORPORATION

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by

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Prepared under NASA Contract Number NAS9-13247

by

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Model Number:	92-0
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ABSTRACT

This report documents the results of a heat transfer, flow field, and oil flow test conducted on a 0.0175-scale model of the Rockwell International/NASA Space Shuttle Orbiter with SILTS (Shuttle Infrared Leeside Temperature Sensor) pod located on the vertical tail. This test was conducted in the Arnold Engineering Development Center (AEDC), von Karman Facility (VKF) Hypersonic Wind Tunnel B. The objective of the test was to determine the aerodynamic heating distribution on the Orbiter SILTS tail configuration. Both a 0.0175-scale and a 0.0525-scale SILTS pod were tested. The 0.0175-scale SILTS pod/vertical tail was used to obtain reference (OH-84B) heating data and the larger (0.0525-scale) SILTS pod was tested to gain better definition of the heating distribution on the SILTS pod itself. The reduction of thermocouple data utilized the calorimeter heat balance. The local flow condition at the Orbiter vertical tail and SILTS region was investigated by means of total pressure and total temperature measurements in the plane of the vertical tail (Orbiter tail removed from model). In addition, an oil flow investigation was conducted to determine air flow direction around the vertical tail leading edge with emphasis on the SILTS pod region.

The model was tested at Mach 8 through a Reynolds number range of 0.5×10^6 to 3.7×10^6 per foot. The model angle-of-attack was varied from -5 to +5 degrees and also from +30 to +40 degrees.

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SCHEDULE OF COEFFICIENTS PLOTTED:

(A) H/HR vs X/C_V

(B) H/HR vs S/R

(C) PP1/PI vs Z/b_V

(D) TT1/TI vs Z/b_V

(E) PP2/PI vs Z/b_V

(F) TT2/TI vs Z/b_V

NOMENCLATURE

SYMBOL	DEFINITION
ALPHA	Model angle of attack, deg
ALPT	Angle pitch drive unit makes with respect to the tunnel centerline, deg
b	Model skin thickness, in. or ft.
BV	Height of model vertical tail, in.
CONSTANT SET	The set of thermocouples recorded during a tunnel injection (see Table 2)
c_p	Model skin material specific heat, Btu/lbm^{o}R
CV	Vertical tail chord, in.
DTWDT	Time range of change of wall temperature, ^{o}R/sec
GROUP	Data Identification number
HREF	Reference heat-transfer coefficient based on Fay-Riddell theory (see Eq. 4)
H(TO)	Heat-transfer coefficient based on TO (see Eq. 1), Btu/ft^2-sec-^{o}R
H(0.9 TO)	Heat-transfer coefficient based on 0.9 TO, Btu/ft^2-sec-^{o}R.
H/HREF	Ratio of model heat-transfer coefficient to heat-transfer coefficient of reference sphere for H_{aw}/H_t = X.XXX
H9/HR	Ratio of heat-transfer coefficient to heat-transfer coefficient based on 0.9TO
MACH NO.	Freestream Mach number
MUO	Viscosity conditions based on stagnation temperature, lbf-sec/ft^2
MU-INF	Viscosity conditions based on free stream temperature, lfb-sec/ft^2

NOMENCLATURE (Continued)

SYMBOL	DEFINITION
P-ANGL	Probe angle with respect to the tunnel centerline, degrees
P-INF	Freestream static pressure, psia
PO	Tunnel stilling chamber pressure, psia
PO2	Stagnation pressure downstream of a normal shock, psia
PPN	Total pressure measured by probe PPN, N = 1 or 2 (see Fig. 10), psia
PPN/PI	PPN divided by P-INF
QDOT	Heat transfer rate at model wall for given T/C location at initial time, Btu/ft^2-sec.
R	Radius of 0.0525-scale SILTS pod dome, R = 0.56 in., (see Fig. 7), in.
Q-INF	Freestream Dynamic Pressure
RN/L	Freestream Reynolds number
RHO	Density, lbm/ft^3
RHO-INF	Freestream density, lbm/ft^3
RN	Reference nose radius, (0.0175 ft or 0.0525 ft., determined by model scale)
S	Surface distance on 0.0525-scale SILTS pod (see Fig. 7)
SILTS SCALE	Scale of vertical tail (0.0175 or 0.0525)
S/R	Surface distance on dome divided by dome radius
t	Time from start of model injection cycle, sec.
t_i	Time when initial model wall temperature was recorded before model injection, sec.

NOMENCLATURE (Concluded)

SYMBOL	DEFINITION
TC NO	Thermocouple number
THETA	Angular position of thermocouples on the SILTS pod of the 0.0525-scale vertical tail (see Fig. 7), deg.
TO	Tunnel stilling chamber temperature, ^{o}R.
TTN	Total temperature measured by probe TTN, N = 1 or 2 (see Fig. 10), ^{o}R.
TTN/TI	TTN divided by T-INF
TW	Model wall temperature at midpoint of data interval, ^{o}R.
TW_i	Initial model wall temperature before injection, ^{o}R.
V-INF	Freestream velocity, ft/sec
w	Model skin material density, lbm/ft^3
X	Longitudinal coordinate of vertical tail, in.
XT	Tunnel longitudinal axis coordinate (see Fig. 8B), in.
X_o	Full scale Orbiter longitudinal coordinate, in.
X/CV	Longitudinal displacement of pressure tap divided by vertical tail chord
Y	Lateral tunnel axis coordinate (see Fig. 8b), in.
Y(PP1)	Lateral displacement of pressure probe, in.
Z	Model scale vertical coordinate, in.
Z_o	Full scale Orbiter vertical coordinate, in.
ZT	Tunnel vertical axis coordinate (see Fig. 8a), in.
Z/BV	Vertical displacement of pressure tap divided by height of vertical tail

INTRODUCTION

This report documents the heat transfer, flow field, and oil flow test conducted on a 0.0175-scale model of the Space Shuttle Orbiter 102 with SILTS pod. The test (OH-400) was conducted at the Arnold Engineering Development Center (AEDC) in the von Karman Gas Dynamics Facility (VKF) Hypersonic Wind Tunnel B during the period October 5, 8 and 9, 1979.

The overall objective of the test was to measure heat transfer coefficients on the SILTS tail configuration of a scaled Space Shuttle Orbiter model. The SILTS pod houses an infrared sensor which will be used during flight tests to obtain leeside surface temperature distributions. Since the pod, which mounts on the top of the vertical tail, is in the wake of the Orbiter, flow conditions approaching the tail were needed to permit data analysis and extrapolation to flight conditions. Therefore, flow angularity, local pitot pressure and local total temperature measurements were added to the usual heating rate requirements. In addition, both vertical tail/SILTS pod configurations were used with oil flow techniques to determine the flow field at the leading edge of the vertical tail and on the SILTS pod itself.

The model was tested at Mach 8 through a Reynolds number range of 0.5×10^6 to 3.7×10^6 per foot. The model angle-of-attack was varied from -5 to +5 degrees and also from +30 to +40 degrees.

Included in this report are discussions of the configurations investigated, instrumentation, test facility, test procedure, and data reduction. Also included are data plots and tabulations.

CONFIGURATIONS INVESTIGATED

The model for this test is the 0.0175-scale simulation of the Space Shuttle Orbiter. Designated Model 92-0, it was originally a pressure model built to the Orbiter 102 (Vehicle 5) lines. The following nomenclature is used to describe configuration components:

B75	Fuselage
C16	Canopy
E64	Elevon
F16	Body Flap
M52	OMS Pod
W131	Wing
V29	Vertical
V31	Vertical (0.0525-scale SILTS)

A composite sketch of the above model components is presented in Figure 1. Except for the new vertical tails with SILTS pods, it was a thick-skin model fabricated from 17-4 PH stainless steel and was sting mounted through its base. Table III contains full and model scale component dimensional data.

Two new vertical tail configurations with different scale SILTS pods were fabricated to use on Model 92-0 specifically for Test OH-400. The 0.0175-scale SILTS tail configuration was a replica of the Orbiter 102 vertical tail with SILTS pod mounted on the tip.

The 0.0525-scale SILTS configuration was interchangeable with the 0.0175-scale SILTS configuration. It consisted of a 0.0525-scale SILTS pod mounted on a vertical tail which conformed to 0.0525-scale lines but which was truncated to match the 0.0175-scale outline. Thus, the chord of the 0.0525-scale SILTS pod and vertical tail matched the chord length of the 0.0175-scale vertical tail, and the centerline of the 0.0525-scale SILTS pod was at the full span of the 0.0175-scale vertical tail. Both the 0.0175-scale and 0.0525-scale tail and SILTS pod were thin-skin (nominally 0.020-inch) sections fabricated from 17-4 PH stainless steel and were instrumented with thermocouples to define aerothermo-heating on the vertical tail in the region of the SILTS pod and on the SILTS pod itself.

An overlay of the two SILTS pod configurations is shown in Figure 2 and a photograph is presented in Figure 3. A photograph of the model with the 0.0525-scale vertical tail installed in the VKF Tunnel B is shown in Figure 4.

The 92-0 model was also used during the total pressure and total temperature probe phase. For these measurements the vertical tail was removed and a cover plate inserted to provide a smooth contour. A photograph of the model installed for the probe phase is shown in Figure 5.

INSTRUMENTATION

The 0.0175-scale vertical tail/SILTS pod configuration was instrumented in the outer 30% span and SILTS pod region with 43 Chromel® constantan thermocouples. Thermocouples were on the pilot's left side only in areas where the nominal skin thickness was 0.020-inch. The thermocouple locations are shown in Figure 6 with coordinates and skin thicknesses listed in Table IV(a).

The 0.0525-scale vertical tail/SILTS configuration was instrumented with 77 Chromel® constantan thermocouples which were concentrated on the SILTS pod tip and on the vertical tail at an equivalent 0.0525-scale span of approximately 82% to 100%. Thermocouples were located symmetrically about the SILTS pod but were only on the left side of the vertical tail. Nominal skin thickness at the instrumented areas was 0.020-inch. Thermocouple locations are shown on Figure 7 with coordinates listed in Table IV(b).

The flow field measurements were obtained by using the overhead probe drive system illustrated in Figure 8 that was designed and fabricated by the VKF. The unit is designated the "X-Y-Z" probe drive and can be mounted above the window opening on top of either Tunnel B or C. The X-Y-Z drive motors are located on top of the tunnel. In addition, the mechanism has the capability for pitching the probe holder 10 to -25 degrees (ALPT) relative to the tunnel centerline. To minimize pressure stabilization time, the pressure transducers were mounted as close to the probes as possible in the area provided behind the water cooled shield.

Two total pressure (PP1 and PP2) probes were used during the flow field measurement. The probes were fabricated from 0.0937 inches OD quarter-hard stainless steel with a 0.015 inch wall thickness. The tip of the probe had a 15 degree bevel relative to the outer surface of the probe. Each probe was connected to a 15-psid Druck model PDCR-22 differential pressure transducer that was calibrated for 1-psid and 10-psid full scale. A near-vacuum reference pressure was used in conjunction with the differential pressure transducers. The reference pressure was measured with a Hastings absolute pressure transducer.

Two total temperature probes were used to measure the local stagnation temperature. These were single shielded thermocouple probes with a Chromel® - Alumel® thermocouple. The probe dimensions are presented in Figure 9.

A special probe holder was fabricated to mount the pressure and temperature probes. A sketch of the probe holder is shown in Figure 10. The probes were mounted in the tunnel with a 22 degree prebend when ALPT was

zero. The position of PP1 was set at the centerline of the tunnel when the probe drive reading of Y equaled zero.

TEST FACILITY DESCRIPTION

The Arnold Engineering Development Center (AEDC), Air Force Systems Command (AFSC), is located at Arnold Air Force Station, near Tullahoma, Tennessee. The tunnel used, Tunnel B, is located in the von Karman Facility portion of this center. Engineering and other technical operations in this tunnel are performed by contractor personnel of ARO, Inc.

Tunnel B is a continuous, closed circuit, variable density wind tunnel with an axisymmetric contoured nozzle and a 50-inch diameter test section. The tunnel can be operated at a nominal Mach number of 6 or 8 at stagnation pressures from 20 to 300 and 50 to 900 psia, respectively, and at a stagnation temperature of up to 1350°R. The model may be injected into the tunnel for a test run and then retracted for model cooling or model changes without interrupting the tunnel flow.

TEST PROCEDURE

The test program was conducted at a nominal freestream Mach number of 8 and at five values of Reynolds number per foot. The complete test matrix summary showing all configurations tested and the variables for each is presented in Table I. The freestream test conditions are presented in Table II.

In the VKF continuous flow wind tunnels (A, B, C), the model is mounted on a sting support mechanism in an installation tank directly underneath the tunnel test section. The tank is separated from the tunnel by a pair of fairing doors and a safety door. When closed, the fairing doors, except for a slot for the pitch sector, cover the opening to the tank and the safety door seals the tunnel from the tank area. After the model is prepared for a data run, the personnel access door to the installation tank is closed, the tank is vented to the tunnel flow, the safety and fairing doors are opened, the model is injected into the airstream, and the fairing doors are closed. After the data are obtained, the model is retracted into the tank and the sequence is reversed with the tank being vented to atmosphere to allow access to the model in preparation for the next run, if necessary. The sequence is repeated for each configuration change.

Oil flow photographs were taken with a Varitron Model E 70mm sequence camera mounted outside the test section window. An automatic camera control system was utilized to provide automatic shutter sequencing of 1 or 2 second intervals.

The initial step prior to recording the thin-skin thermocouple data was to cool the model uniformly to approximately 70°F with high pressure air. Once the cooling cycle was complete, the desired model attitude was established in the tank prior to injection. With the desired tunnel freestream conditions established, the model was then injected into the tunnel. At lift-off, the initial temperature for each thermocouple of the selected Constant Set was recorded. The data acquisition sequence was initiated at lift-off and continued for approximately 4 seconds after the model reached tunnel centerline. After each injection, the model was retracted and the cycle was repeated to cool the model to an isothermal state.

A Beckman® 210 analog-to-digital converter was used in conjunction with a Digital Equipment Corporation® (DEC) PDP-11 computer and a DEC-10 computer to record and calculate the temperature data. The Beckman® converter sampled the output of each thermocouple approximately 15 times per second.

The flow field measurements were made with the probe tips positioned in the plane of the leading edge of the vertical tail. Since the vertical

tail was removed for these measurements, the following procedure was employed. An optical overlay of the vertical tail was marked with a grid showing the value of Z/BV as a percentage of the leading edge distance. A photograph of the model with the overlay superimposed is presented in Figure 11. This overlay was mounted on an adjustable plate in the schlieren system and was aligned with the model. During the alignment, the 0.0175-scale vertical tail was installed on the model and the overlay was properly marked to insure that the overlay was coincident with the tail leading edge. The Y position of the probe drive was calibrated so that when probe, PP1, was aligned with the centerline of the vertical tail, the value of Y equaled zero.

Two types of probe measurements were recorded. The first type of probe measurements was freestream calibrations. These data were obtained with the model removed from the tunnel. With the probes in the tunnel freestream the probe angle with respect to the tunnel centerline was varied from -3 to 21 degrees in 3 degree increments. At each position the value of both pressure and both temperature probes were recorded. This provided a calibration of the probe sensitivity to flow angle misalignment. The second type was the probe measurements at the plane of the leading edge. With the model positioned in the tunnel at the desired angle-of-attack the overlay was adjusted to align with the model. The desired probe angle at each position with relation to the leading edge of the vertical tail was determined from the oil flow photographs obtained during the OH-102A test. These angles are listed in Table V. For each position along the leading edge (Z/BV) the desired probe angle was set and then the probe tip was driven to the desired Z/BV location. All four probe measurements (2 pressure, 2 temperature) and a photograph as shown in Figure 11 were recorded for each data point.

DATA REDUCTION

The reduction of the thin-skin thermocouple data utilizes the calorimeter heat balance, which, in coefficient form is

$$H(TO) = wbc_p \frac{DTWDT}{TO-TW} \tag{1}$$

Radiation and conduction losses are neglected in this heat balance, and data reduction simply requires evaluation of DTWDT from the temperature-time data and determination of model material properties. For the present tests, radiation effects were negligible; however, conduction effects were potentially significant in several regions of the model. To permit identification of these regions and improve evaluation of the data, the following procedure was used.

Separation of variables and integration of Eq. (1), assuming constant w, b, c_p and TO yields

$$\frac{H(TO)}{wbc_p} (t - t_i) = \ell n \frac{TO-TW_i}{TO-TW} \tag{2}$$

Since H(TO) wbc_p is a constant, plotting ℓn $(TO-TW_i)/(TO-TW)$ versus time will give a straight line if conduction is negligible. Thus, deviations from a straight line can be interpreted as conduction effects.

The data were evaluated in this manner and, generally, a reasonable linear portion of the curve could be found for all thermocouples. A linear least-squares curve fit of ℓn $(TO-TW_i)/(TO-TW)$ versus time was applied to the data. The data reduction time is typically started when the model arrives at the tunnel centerline after being injected into the tunnel flow from the installation tank. However, the data for the thermocouples on the vertical tail leading edge were reduced starting 0.5 seconds prior to the indication of the model orientation at tunnel centerline for the 0.0175-scale tail and 0.61 seconds prior to tunnel centerline indication for the 0.0525-scale tail. This was done to reduce the data on these thermocouples before conduction errors became significant. The curve fit extended for a time span which was a function of the heating rate, as shown on the following list:

Range	No. of Points	Time Span, sec.
DTWDT > 32	5	0.27
16 < DTWDT $\leq$ 32	7	0.41

Range	No. of Points	Time Span, sec.
$8 < DTWDT \leq 16$	9	0.54
$4 < DTWDT \leq 8$	13	0.82
$2 < DTWDT \leq 4$	17	1.09
$1 < DTWDT \leq 2$	25	1.63
$DTWDT \leq 1$	41	2.72

In general, the time spans given above were adequate to keep the evaluation of the right-hand side of Eq. (2) within the linear region. The value of c_p is not constant, as assumed, and the relation

$$c_p = 0.0797 + (5.556\text{x}10^{-5})\ TW, \text{ (17-4 PH stainless steel)} \quad (3)$$

was used with the computed value of TW at the midpoint of the curve fit. The maximum variation of c_p over any curve fit was less than 1.5 percent. Thus, the assumption of constant c_p was reasonable. The value of density used for the 17-4 PH stainless steel skin was, w = 490 lbm/ft^3, and the skin thickness, b, for each thermocouple is listed in Table 2.

The heat-transfer coefficient calculated from Eq. 2 was normalized using the Fay-Riddell stagnation point coefficient, HREF, based on a nose radius of 1.0 foot (scaled down to the scale of the vertical tail, e.c. RN = 0.0175 or 0.0525).

$$HREF = \frac{8.17173(PO2)^{0.5}(MUO)^{0.4}\left[1 - \frac{(P-INF)}{PO2}\right]^{0.25}\left[0.2235+(1.35\text{x}10^{-5})(TO+560)\right]}{(RN)^{0.5}\ (TO)^{0.15}} \quad (4)$$

The pressure transducers used for the probe measurements were calibrated prior to each operational shift, and as required, with a known pressure differential and their readings recorded. A zero pressure differential is applied across each transducer and the zero readings are recorded. From these data scale factors for each transducer for each range are calculated. Probe pressures are calculated from differential pressure readings using the calibrated scale factors plus a reference pressure (near vacuum).

REFERENCES

1. Test Facilities Handbook (Eleventh Edition), "von Karman Gas Dynamics Facility, Vol. 3". Arnold Engineering Development Center, June 1979.

2. "Information for Heat Transfer and Flow Field Tests in the SILTS Pod Region of a 0.0175-scale Shuttle Orbiter (92-0) in the Arnold Engineering Development Center, von Karman Facility's Hypersonic Wind Tunnel B, Test OH-400" by J. W. Foust, July 24, 1979, STS 79-0269.

3. "Results from the NASA/Rockwell International Space Shuttle Orbiter SILTS Pod Tests (OH-102A and OH-400)" by K. W. Nutt, November 1979, AEDC-TSR-79-V70.

4. "Results of Flow Angularity Tests on a 0.0175-Scale Space Shuttle Orbiter Model (56-0) in the AEDC VKF "B" Hypersonic Wind Tunnel (OH-102A)" by W. F. Braddock.

5. "Theory of Stagnation Point Heat Transfer in Dissociated Air", by J. A. Fay and F. R. Riddell, Journal of the Aeronautical Sciences, Vol. 25, NA. 2, February 1958.

TABLE I

SHEET 1 of 3

TEST: ΦH 400 (V41B-65)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 1/7/80

DATA SET IDENTIFIER	CONFIGURATION	α	β	REYNOLDS NUMBER × 10^{-6}/FT 0.5	1.0	2.0	3.0	3.7
R4X 01	.0175 Sc. VERTICAL	-5	0	77	73	69		
02	TAIL/SILTS POD	0	T	76	72	68		
03		5		75	71	67		
04		5		78	74	70		
05		30						50*
06		30		79	64	60	57	52
07		30				63		54
08		35						51*
09		35		80	65	61	58	53
10		35						55
11		40		81	66	62	59	56
12	.0525 Sc. VERTICAL	-5		33	29	22		
13	TAIL/SILTS POD	-5				25		
14		0		32	28	21		
15		0				24		
16		5				19*		
17		5		31	27	20		
18		5		34	30	23		

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

* VERTICAL TAIL COVERED DURING MODEL INJECTION

V - VERTICAL TAIL T/C
S - SILTS POD T/C

TABLE I (Continued)

SHEET 2 of 3

TEST: ΦH 400 (V41B-65)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 1/7/80

DATA SET IDENTIFIER	CONFIGURATION	α	β	γ	REYNOLDS NUMBER × 10^{-6}/FT 0.5	1.0	2.0	3.0	3.7
R4X 19	.0525 Sc. VERTICAL	5	0	–			26		
20	TAIL/SILTS POD	30		–		15*			1*
21		30		–	16	12	9	6	2
22		30		–					3
23		35		–	17	13	10	7	4
24		40		–	18	14	11	8	5
R4XP 25	PROBES W/O MODEL	–		0	120	115	111		101
26	PROBES W/.0175 MODEL	30		0	121	116	112	107	103
27		30		-.25			124		
28		35		0	122	117	113	108	104
29		40		0	123	118	114	109	105
30		40		-.25		119			
31		40		-.5				110	
32		–		.5				106	

TEST RUN NUMBERS

* "R"	F-ANGL	PP1	PP2	TT1	TT2	T-INF	P-INF	TΦ	PΦ	Q-INF	RN/L	Z/BV	10			
			13	19	25	31	37	43	49	55	61	67	75 76			
"P"	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF	RN/L	Z/BV	10			

COEFFICIENTS

IDVAR (1) IDVAR (2) NDV

α OR β SCHEDULES

*VERTICAL TAIL COVERED DURING MODEL INJECTION

TABLE I (Concluded)

SHEET 3 of 3

TEST: ΦH400 (V41B-65)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: 1/7/80

DATA SET IDENTIFIER	CONFIGURATION		REYNOLDS NUMBER × 10^{-6} / FT 0.5	1.0	2.0	3.0	3.7	TEST RUN NUMBERS
N/A	ΦIL FLOW DATA	-5		96			93	
	.0175 SCALE MODEL	0		95			92	
		5		94			91	
		30		82			86, 87, 90	
		35		83			88	
		40		84, 85			89	
	.0525 SCALE MODEL	-5		99			41	
		0		98			40	
		5		97			35→39	
		30		46, 49			42	
		35		47			43	
		40		48			44, 45	

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

COEFFICIENTS IDVAR (1) IDVAR (2) NDV

α OR β SCHEDULES

TABLE II

TEST : ØH400

DATE : Oct. 1979

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit length) $\times 10^{-6}$	TOTAL PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
7.90	0.5	100	790
7.94	1.0	205	790
7.98	2.0	435	840
7.99	3.0	670	860
8.00	3.7	850	890

BALANCE UTILIZED: N/A

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

COMMENTS:

TABLE III

MODEL DIMENSIONAL DATA

MODEL COMPONENT: BODY - B_{75}

GENERAL DESCRIPTION: Orbiter Vehicle 102-CML Baseline

MODEL SCALE: 0.0175

DRAWING NUMBER: VL70-000003C VC70-000002B

DIMENSIONS:	FULL SCALE	MODEL SCALE
Ref. Length (OML: Fwd Sta. X_0=235), In.	1293.3	22.63
Length (IML: Fwd Sta. X_0=238), In.	1290.3	22.58
Max Width (@ X_0 = 1528.3), In.	264.0	4.62
Max Depth (@ X_0 = 1464), In.	250.0	4.38
Fineness Ratio	4.899	4.899
Area		
Max. Cross-Sectional	340.885	0.104
Planform		
Wetted		
Base		

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: CANOPY - C_{16}

GENERAL DESCRIPTION: OV-102 Orbiter Canopy

MODEL SCALE: .0175

DRAWING NUMBER: DCD V70-30-950-01 (VC70-000002B)

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length, in (X_o 432.0798 to X_o 670)	237.920	4.164
Max. Width, in (@ X_o 594)	194.067	3.396
Max. Depth, in (@ X_o 492)	59.790	1.013
Fineness Ratio (length/max width)	1.226	1.226
Area		
Max. Cross-Sectional @ X_o 520 in^2	45.66	.01398
Planform		
Wetted		
Base		

TABLE III. **MODEL DIMENSIONAL DATA** (Continued)

MODEL COMPONENT ELEVON - E_{64}

GENERAL DESCRIPTION Elevon for OV-102 configuration. Hingeline at X_0 = 1387, elevon split line X_0 = 312.5, 6.0" tips with 8^0 beveled edges, and centerbodies same as E63 but includes bevel Tip.

MODEL SCALE: 0.0175

DRAWING NUMBER VC70-000002B

DIMENSIONS	FULL SCALE	MODEL SCALE
Ref. Area - Ft^2	210.0	0.0643
Area - Ft^2	206.57	0.0633
Span (equivalent)	346.44	6.063
Inb'd equivalent chord	116.50	2.039
Outb'd equivalent chord	55.219	0.966
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	.2137	.2137
At Outb'd equiv. chord	0.3999	0.3999
Sweep Back Angles, degrees		
Leading Edge	0.0	0.0
Trailing Edge	-10.056	-10.056
Hingeline	0.0	0.0
Area Moment (Product of area)	1540.74	0.00826
Mean Aerodynamic Chord, In.	89.5	1.566
Hingeline dihedral (origin at Z_0 = 261.3509), deg.	5.229	5.229

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: BODY FLAP - F_{16}

GENERAL DESCRIPTION: Orbiter OV-102 Baseline OML at X_o = 1532, X_o = 287

MODEL SCALE: 0.0175

DRAWING NUMBER: VC72-000003C VC70-000002B

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length (X_o = 1525.5 to X_o = 1613), In.	87.50	1.531
Max. Width (At L.E., X_o = 1525.5), In.	256.00	4.480
Max. Depth (X_o = 1532), In.	19.798	0.346
Fineness Ratio		
Area - Ft^2		
Max. Cross-Sectional (At H.L.)	35.196	0.011
Planform	135.75	0.041
Wetted		
Base (X_o - 1613)	4.89	0.0015

TABLE III. MODEL DIMENSIONAL DATA (Continued)

MODEL COMPONENT: OMS PCD - M_{52}

GENERAL DESCRIPTION: OV-102 Baseline Same @ M18

MODEL SCALE: 0.0175

DRAWING NUMBER: VC70-000003C, VC70-000002B

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length, (OMS FWD Sta X_0 = 1311.0), In. includes DCS Package	258.64	4.526
Max. Width (At X_0 = 1511), In.	135.55	2.372
Max. Depth (At X_0 = 1511), In.	74.36	1.301
Fineness Ratio	1.475	1.475
Area		
Max. Cross-Sectional	59.091	0.018
Planform		
Wetted		
Base		

TABLE III. (Continued)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: WING-W131

GENERAL DESCRIPTION: OV-102 OML Configuration
NOTE: Includes Wing Elevon Stubs. Dihedral angle is along trailing edge of wing. Geometric Twist = 0°

MODEL SCALE: 0.0175

TEST NO.: DRAWING NO.: VC70-000002B

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.) Ft^2		
Planform	2690.0	0.824
Span (Theo. In.	936.68	16.392
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Dihedral Angle, degrees	3.500	3.500
Incidence Angle, degrees	0.500	0.500
Aerodynamic Twist, degrees		
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	-10.056	-10.056
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo) B.P.0.0.	689.24	12.062
Tip, (Theo) B.P. 468.34	137.85	2.412
MAC	474.81	8.309
Fus. Stat. 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	1721.60	0.5272
Span, (Theo) In. BP111.8	713.003	12.478
Aspect Ratio	2.051	2.051
Taper Ratio	0.193	0.193
Chords		
Root BP111.8	557.56	9.757
Tip 1.00 $\frac{b}{2}$	137.85	2.412
MAC	389.92	6.824
Fus. Sta. of .25 MAC	1187.71	20.785
W.P. of .25 MAC	295.27	5.167
B.L. of .25 MAC	254.23	4.449
Airfoil Section		
(Rockwell Mod NASA 00XX-64)		
Root $\frac{t}{c}$ =	0.1137	0.1137
Tip $\frac{t}{c}$ =	0.120	0.120
Data for (1) of (2) Sides		
Leading Edge Cuff		
Planform Area Ft^2	145.4	.0445
Leading Edge Intersects Fus M.L. @ Sta.	427.75	7.486
Leading Edge Intersects Wing @ Sta	1084.00	18.97

TABLE IIIb. (Continued)
MODEL DIMENSIONAL DATA

MODEL COMPONENT: VERTICAL - V29

GENERAL DESCRIPTION: Basic Orbiter OV-102 Outer Mold Line

Vertical with 0.0175-Scale SILTS Pod

MODEL SCALE: 0.0175

DRAWING NUMBER: VC70-000002B

DIMENSIONS:	FULL SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) - Ft^2		
Planform	413.251	0.127
Span (Theo) - In.	315.72	5.5251
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.404	0.404
Sweep-Back Angles, Degrees.		
Leading Edge	45.000	45.000
Trailing Edge	26.25	26.25
0.25 Element Line	41.13	41.13
Chords:		
Root (Theo) WP Z_0 = 500	268.50	4.699
Tip (Theo) WP Z_0 = 815.72	108.47	1.898
MAC	199.81	3.497
Fus. Sta. of .25 MAC	1463.35	25.609
W.P. of .25 MAC	635.52	11.122
B.L. of .25 MAC	0.0	0.0
Airfoil Section 10° Syn 60-40 Wedge, t/c	13.43	13.43
Leading Wedge Angle - Deg.	10.00	10.00
Trailing Wedge Angle - Deg.	14.92	14.92
Leading Edge Radius - C	1.47	1.47
Void Area Ft^2	31.713	.0097
Covered Area Ft^2	9.11	0.0028
Blanketed Area Ft^2	0.0	0.0

TABLE III - (Concluded)

MODEL DIMENSIONAL DATA

MODEL COMPONENT: VERTICAL - V 31

GENERAL DESCRIPTION: Basic Orbiter OV-102 Outer Mold Line

0.0175 Scale Vertical Mold Lines with 0.0525 Scale SILTS Pod.

SILTS ℄ at 0.0175 Scale Theoretical Span.

MODEL SCALE: 0.0175 (Vertical), 0.0525 (SILTS)

DRAWING NUMBER: VC70-000002B SS-H02015

DIMENSIONS:

	FULL SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo) - Ft^2		
Planform	425.761	0.1304
Span (Theo) - In.	341.21	5.971
Aspect Ratio	1.899	1.899
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		
0.25 Element Line	41.13	41.13
Chords:		
Root (Theo) WP		
Tip (Theo) WP		
MAC		
Fus. Sta. of .25 MAC		
W.P. of .25 MAC		
B.L. of .25 MAC		
Truncated Airfoil Section 10 Sym 60-40 Wedge, T/c	13.43	13.43
Leading Wedge Angle - Deg.	10.00	10.00
Trailing Wedge Angle - Deg.		
Leading Edge Radius	1.47	1.47
Void Area, Ft^2	31.713	0.00971
Covered Area	9.11	0.00279
Blanketed Area	0.0	0.0

TABLE IV

MODEL THERMOCOUPLE LOCATIONS

(a.) 0.0175 SCALE VERTICAL TAIL

TC No.	X/CV	Z/BV	b, inches	TC No.	X/CV	Z/BV	b, inches
1	0.10	.70	.015	22	0.00	0.85	.016
2	0.30		.021	23	0.10		.016
3	0.50		.021	24	0.20		.021
4	0.70		.021	25	0.30		.019
5	0.90		.020	26**	0.40		.0195
6	0.00	.75	.018	27	0.50		.018
7	0.10		.020	28	0.70		.020
8	0.20		.021	29	0.00	0.90	.020
9	0.30		.020	30**	0.10		.016
10	0.40		.021	31	0.30		.019
11	0.50		.020	32	0.50		.016
12	0.70		.020	33	0.70		.019
13	0.90		.020	34	0.90		.021
14	0.00	.80	.018	35	0.10	0.937	.016
15**	0.10		.018	36	0.38	0.941	.023
16	0.20		.0225	37	0.60	0.925	.017
17	0.30		.020	38**	0.70	0.949	.018
18	0.40		.020	39	0.80	0.949	.0195
19	0.50		.019	40	-0.13	0.973	.011
20	0.70		.020	41	0.00		.025
21	0.90		.020	42	0.18		.020
				43	0.10	1.00	.014

** DATA DELETED

TABLE IV (CONCLUDED)

MODEL THERMOCOUPLE LOCATIONS

(b.) 0.0525 SCALE VERTICAL TAIL

TC No.	X/CV	Z/BV	b, inches	TC No.	X/CV	Z/BV	b, inches
1	0.00	.817	.024	24	0.287	.883	.0226
2	0.052		.0203	25	0.00	.900	.019
3	0.104		.0201	26	0.052		.023
4	0.156		.0208	27	0.104		.020
5	0.209		.0225	28	0.156		.022
6	0.287		.0232	29	0.209		.0218
7	0.00	.833	.022	30	0.00	.917	.020
8	0.104		.0205	31	0.052		.0215
9	0.209		.0232	32	0.104		.0195
10	0.00	.850	.022	33	0.156		.021
11	0.052		.020	34	0.209		.0215
12	0.104		.0208	35	0.00	.933	.0223
13	0.156		.0232	36	0.052		.0221
14**	0.209		.0235	37	0.104		.021
15	0.287		.0225	38**	0.156		.0215
16	0.00	.867	.0223	39	0.209		.0228
17	0.104		.0218	40	0.00	.950	.0188
18	0.209		.0235	41	0.052		.0237
19	0.00	.883	.020	42	0.104		.0213
20	0.052		.0235	43	0.156		.022
21	0.104		.022	44	0.209		.0218
22	0.156		.023	45	0.287		.0215
23	0.209		.0228	46	0.00	.956	.021

** DATA DELETED

TC No.	THETA, deg	S/R	b, inches	TC No.	THETA, deg	S/R	b, inches
47	180	1.178	.021	63	225	0.393	.018
48		0.785	.016	64		0.785	.020
49		0.393	.011	65		1.178	.022
50	0	0.00	.022	66	–	2.269	.0205
51		0.393	.021	67	–	2.89	.0188
52		0.785	.014	68	–	3.513	.0204
53		1.178	.0125	69	–	4.114	.0222
54	270	1.178	.020	70	90	1.63	.020
55		0.785	.023	71		1.996	.0198
56		0.393	.022	72		2.542	.020
57	90	0.393	.023	73		3.09	.023
58		0.785	.023	74		3.619	.0232
59		1.178	.020	75	0	1.571	.0215
60	135	0.393	.024	76		2.542	.022
61		0.785	.024	77		3.637	.023
62		1.178	.024				

TABLE V

PROBE ANGLES AT THE VERTICAL TAIL LEADING EDGE

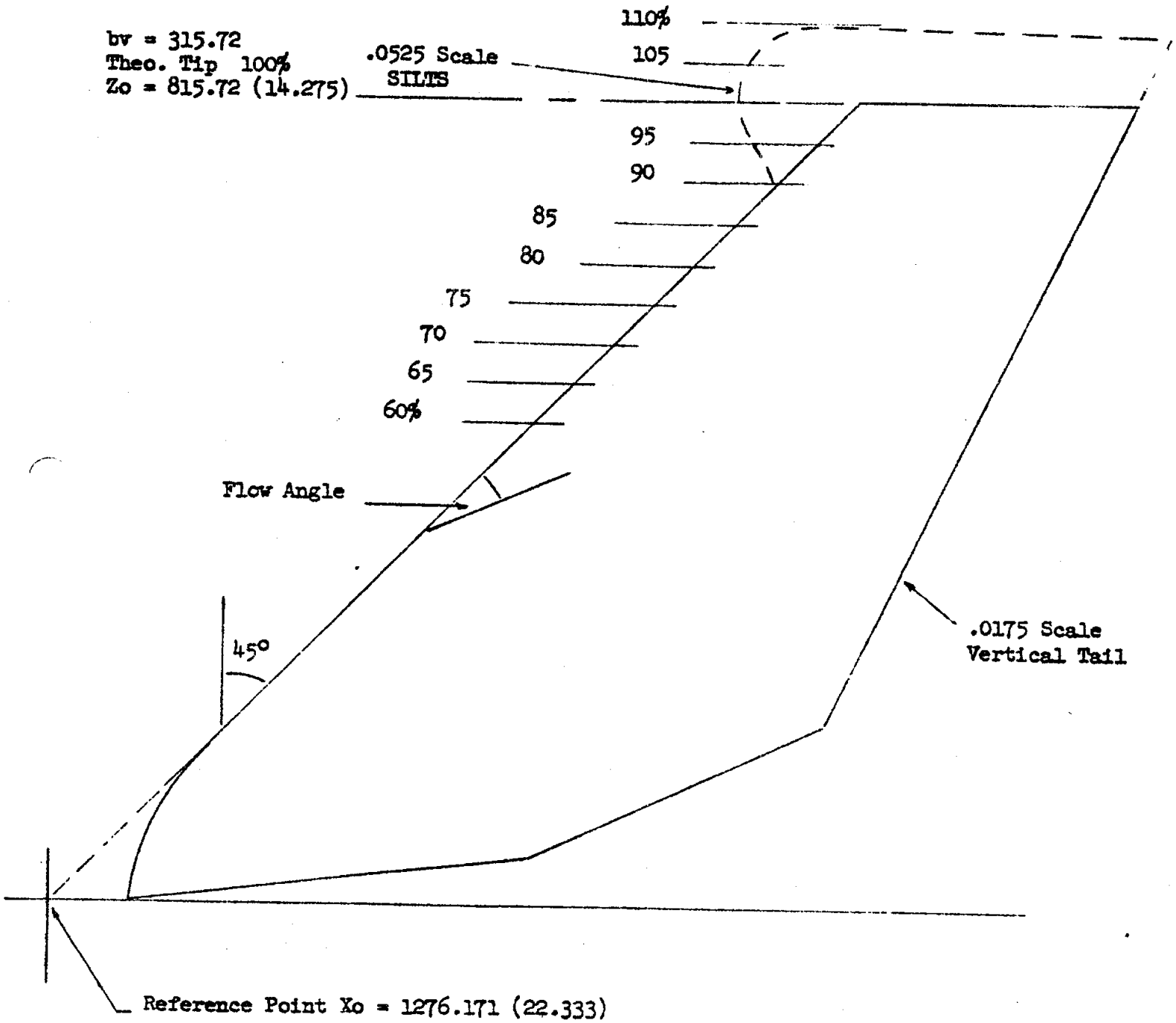
$Z/_{BV}$	RE/FT	0.5×10^6			1.0×10^6			2.0×10^6			3.0×10^6			3.7×10^6		
	ALPHA	30	35	40	30	35	40	30	35	40	30	35	40	30	35	40
.60		51[1](47)[2]	57(42)	60(37)	38	50(42)	50(37)	18	34	35	17	24	33	16	18	32
.65		48 (47)	55(42)	53(37)	28	46(42)	46(37)	16	20	34	14	18	30	12	16	27
.70		43	48(42)	43(37)	23	40	42(37)	16	12	25	15	14	23	14	16	22
.75		39	44(42)	40(37)	19	35	34	15	8	21	13	12	19	12	14	17
.80		36	38	37	20	27	28	16	7	18	15	11	16	14	13	14
.85		36	34	32	21	20	27	17	7	15	15	11	13	13	13	11
.90		35	30	28	20	19	24	18	7	15	16	11	11	14	14	9
.95		31	24	23	19	16	22	18	7	12	15	11	10	13	13	8
1.00		30	20	22	21	16	18	18	7	11	16	11	9	15	13	8
1.05		27	17	21	22	15	16	17	7	9	16	11	8	17	13	8
1.10		27	17	20	22	17	14	16	7	7	16	11	7	16	13	8

NOTE: 1: FLOW ANGLE = PROBE ANGLE EXCEPT AS NOTED (SEE TABLE CONCLUSION FOR FLOW ANGLE REFERENCE)

2: MAXIMUM PROBE ANGLE

TABLE V

(CONCLUDED) PROBE ANGLES AT THE VERTICAL TAIL LEADING EDGE



The Reference Point is the top surface of the fuselage.

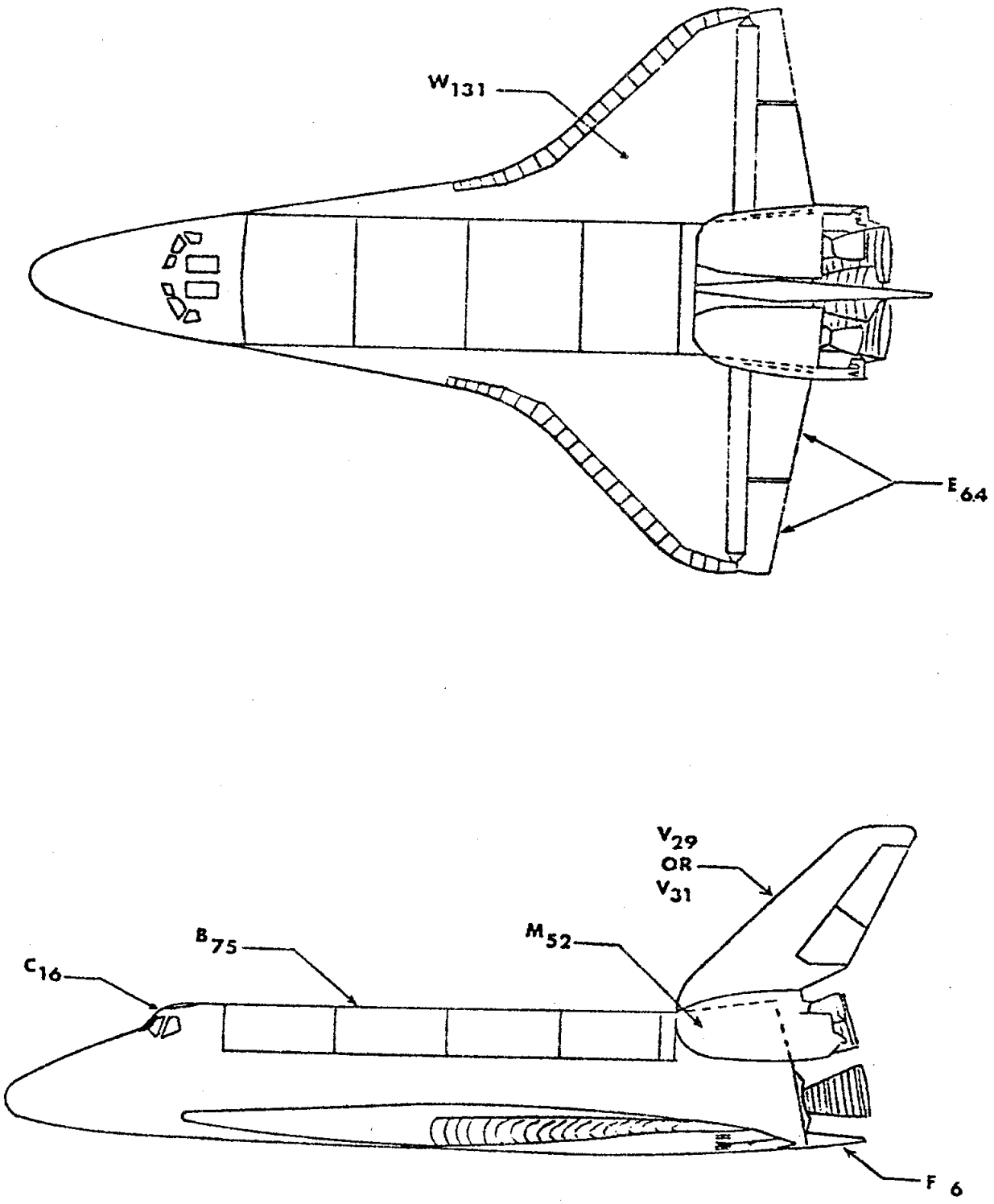


Figure 1. Shuttle Orbiter Vehicle

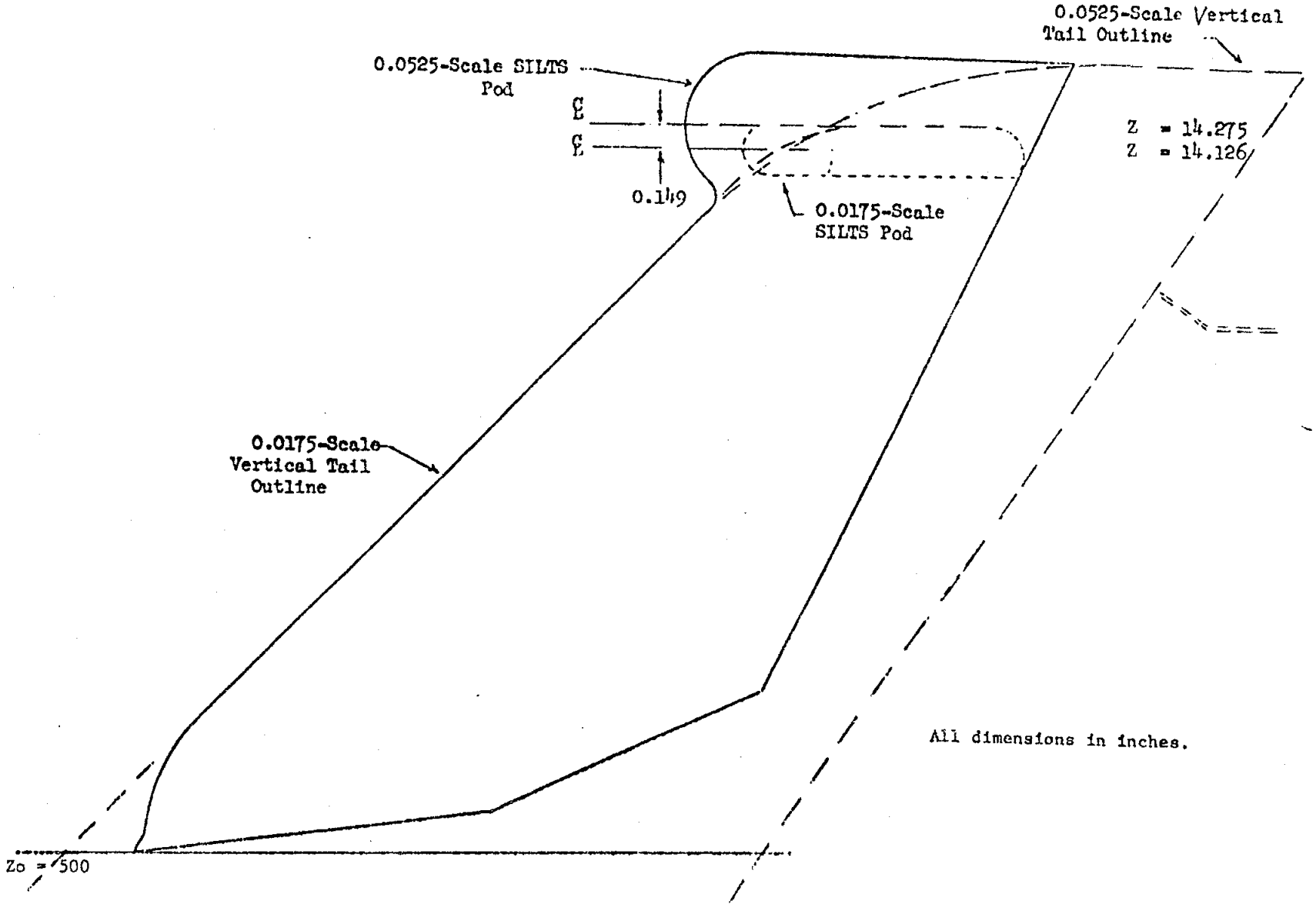


Figure 2. SILTS Pod Overlay

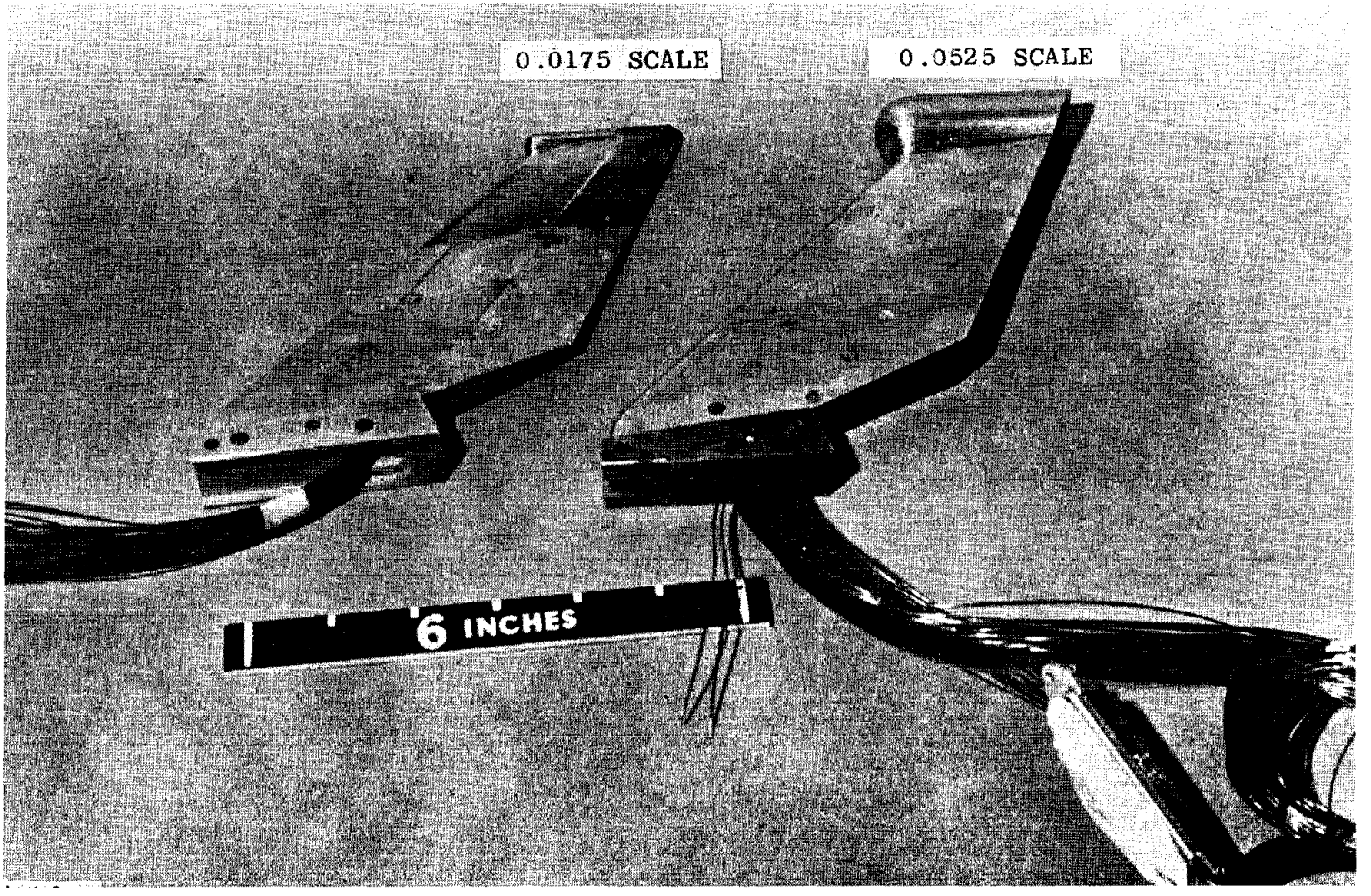


Figure 3. Photograph of 92-Ø Model Vertical Tail Configurations

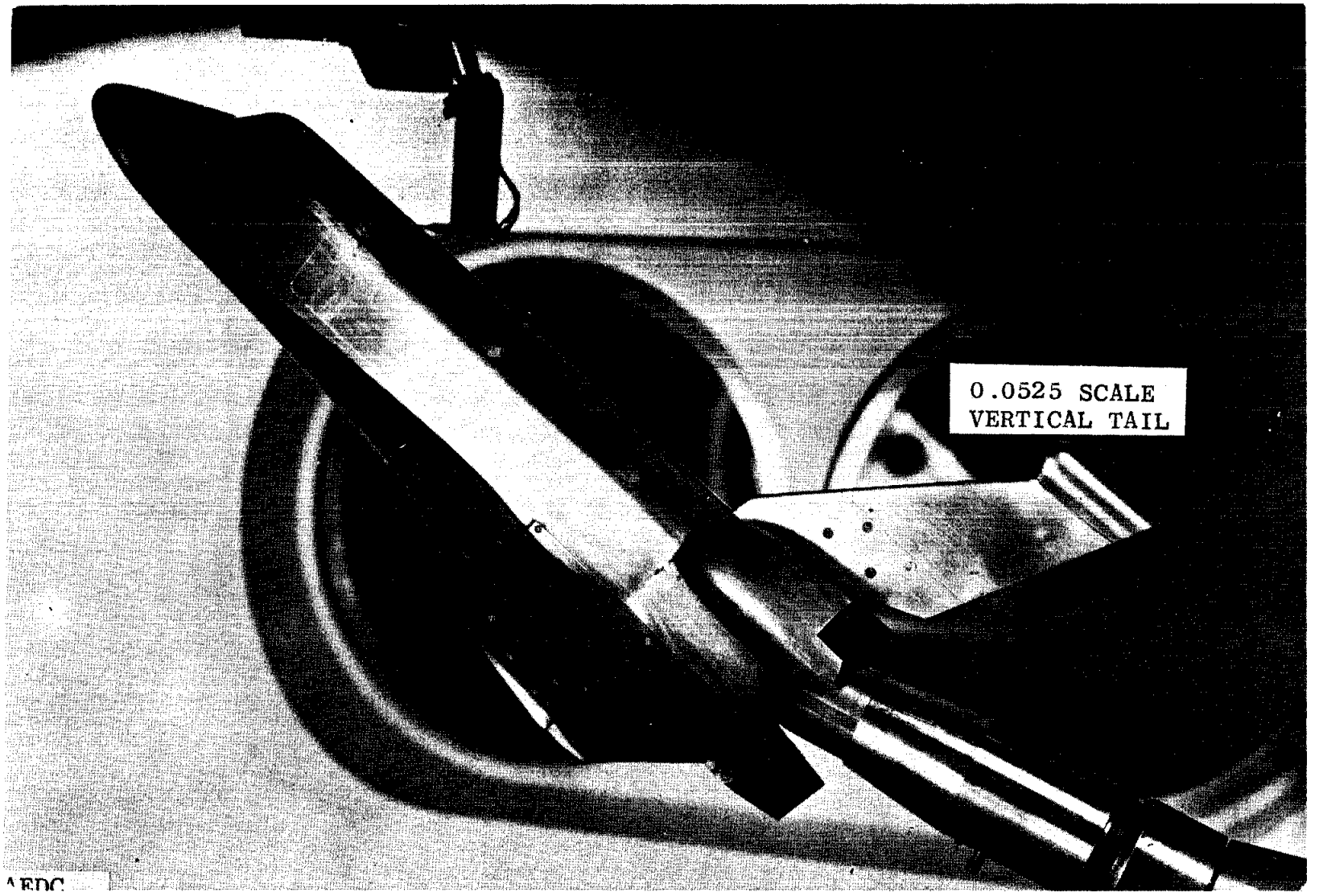


Figure 4. Photograph of 92-Ø Model Installation

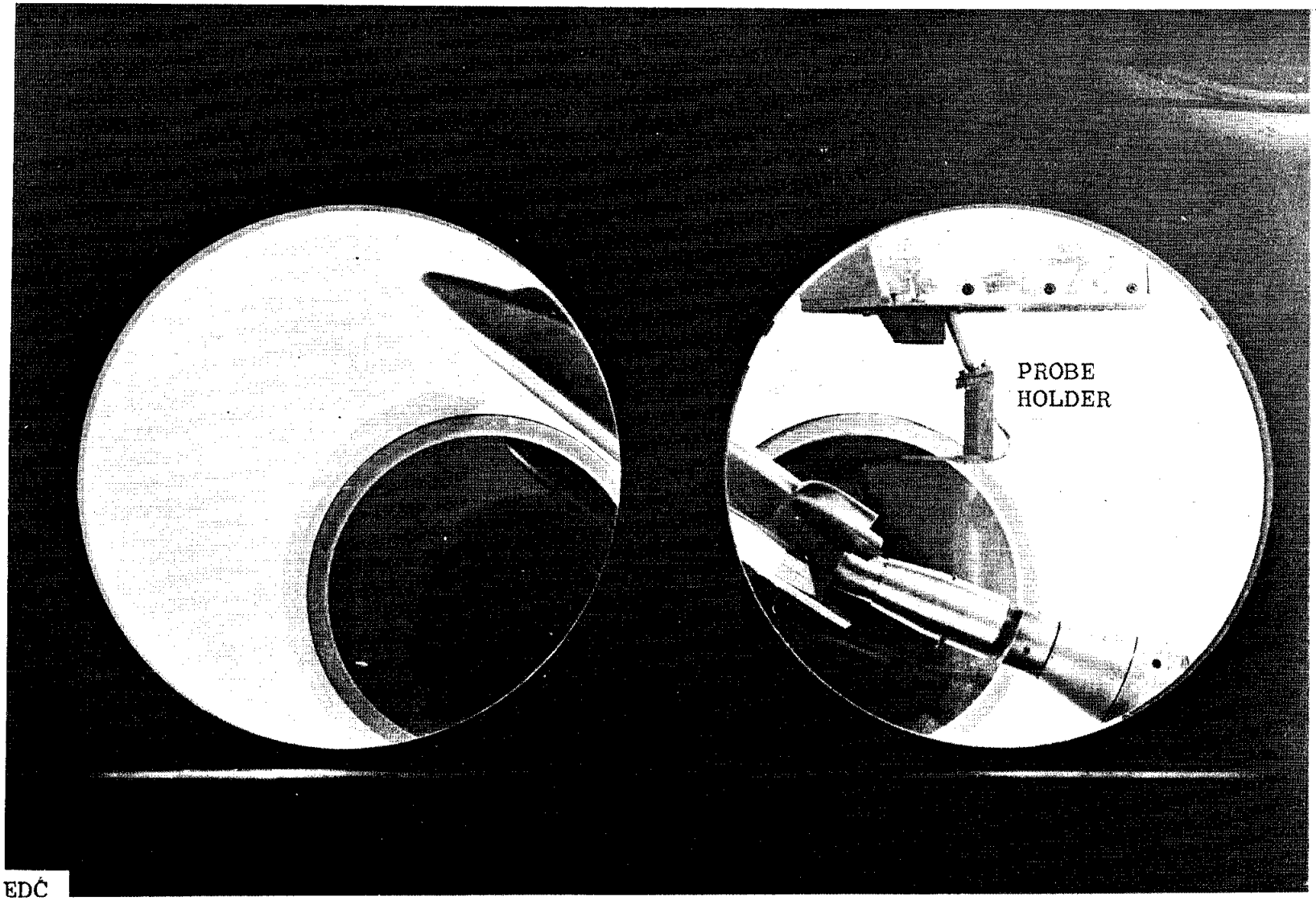


Figure 5. Photograph of 92-Ø Model Installation for Probe Phase

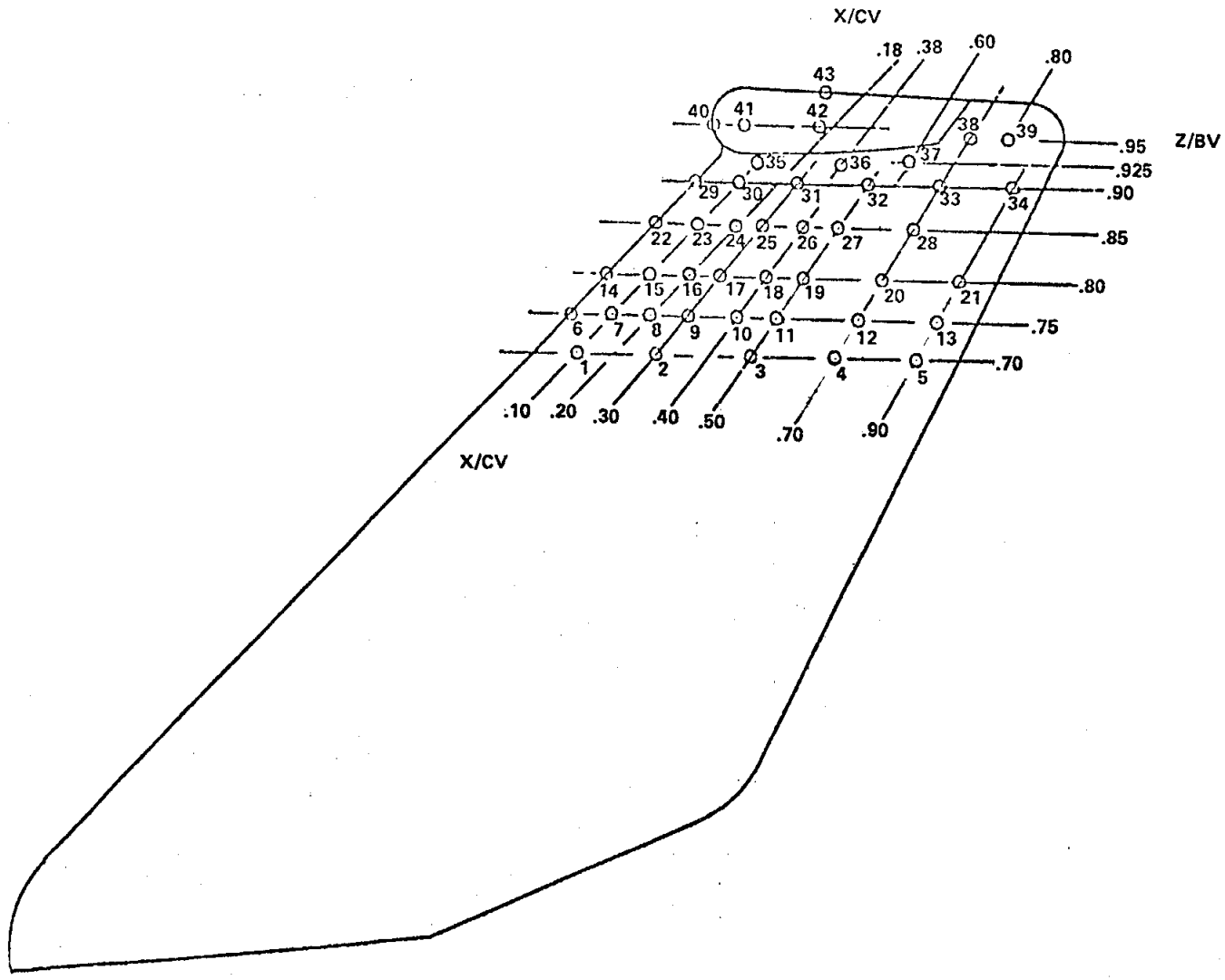


Figure 6. Thermocouple Locations on .0175-Scale Vertical Tail

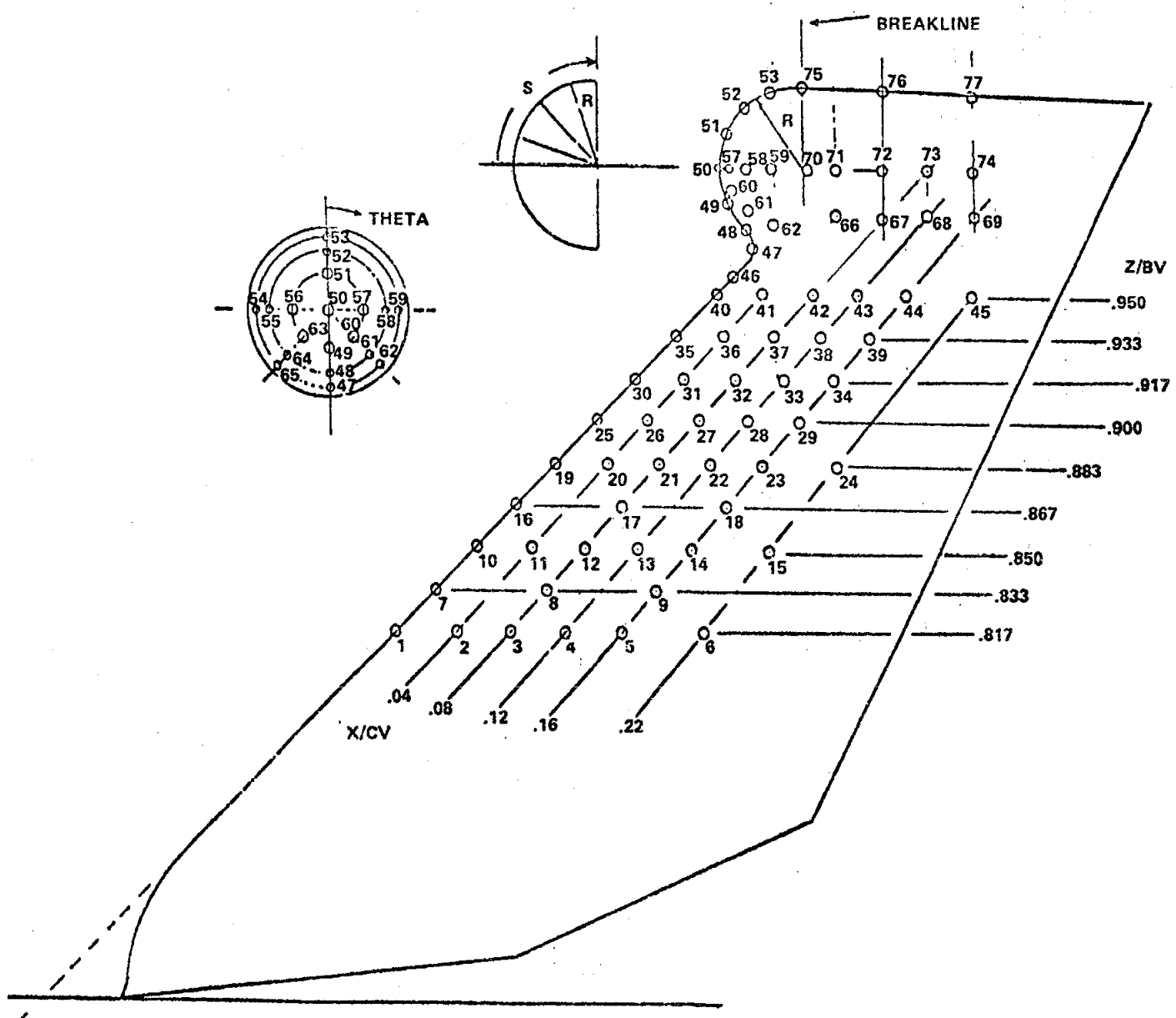
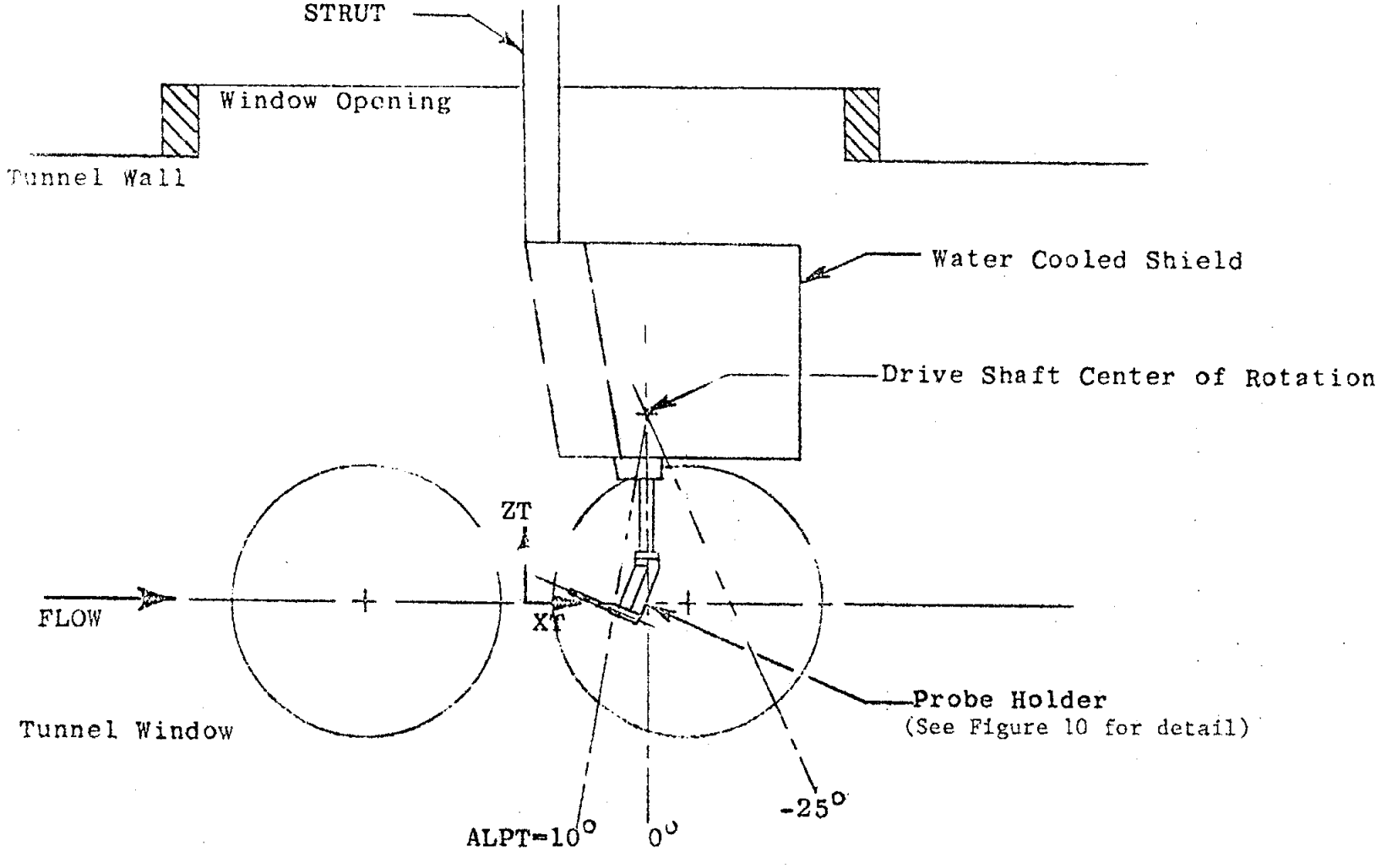
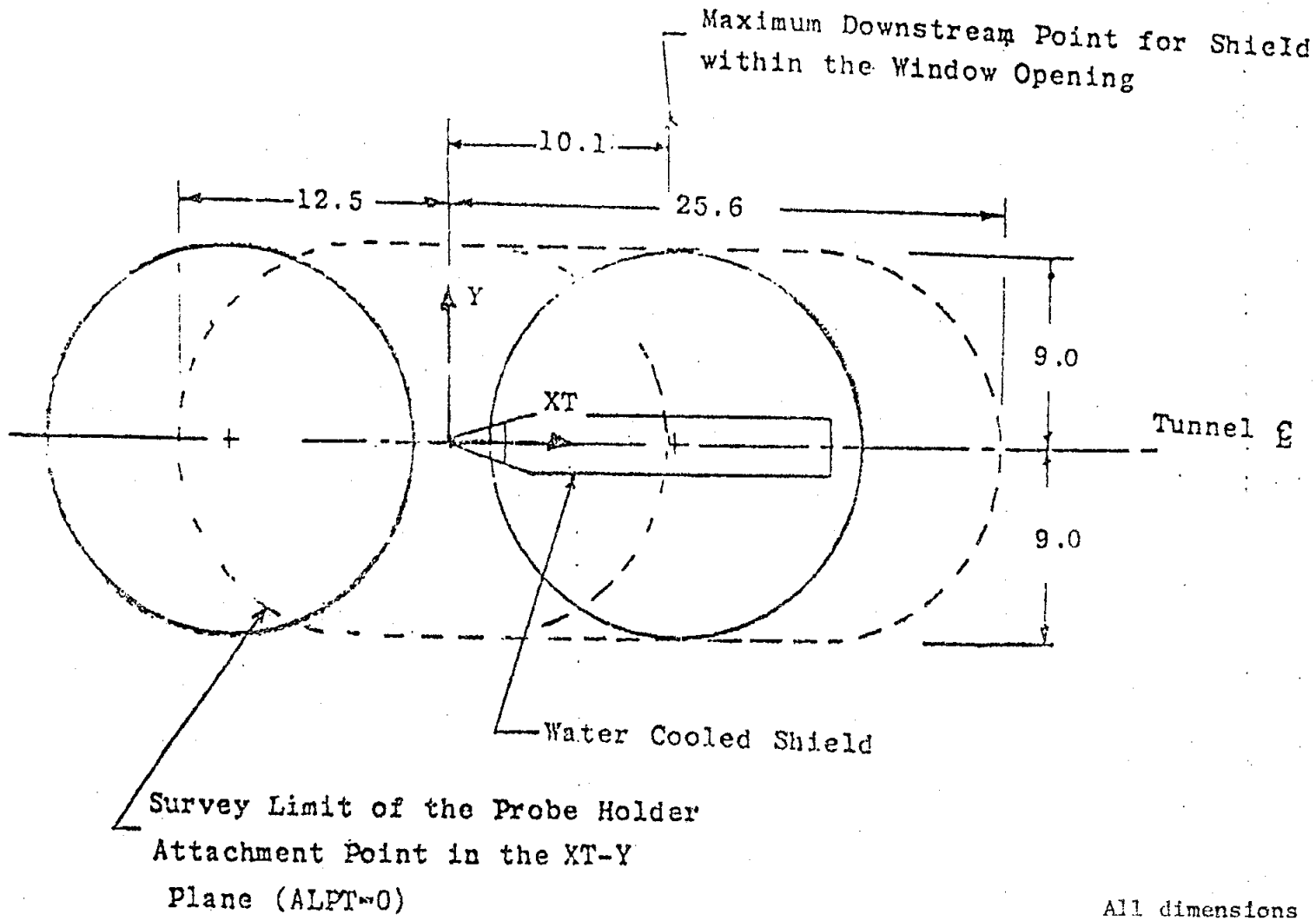


Figure 7. Thermocouple Locations on .0525-Scale Vertical Tail



(a) Side View

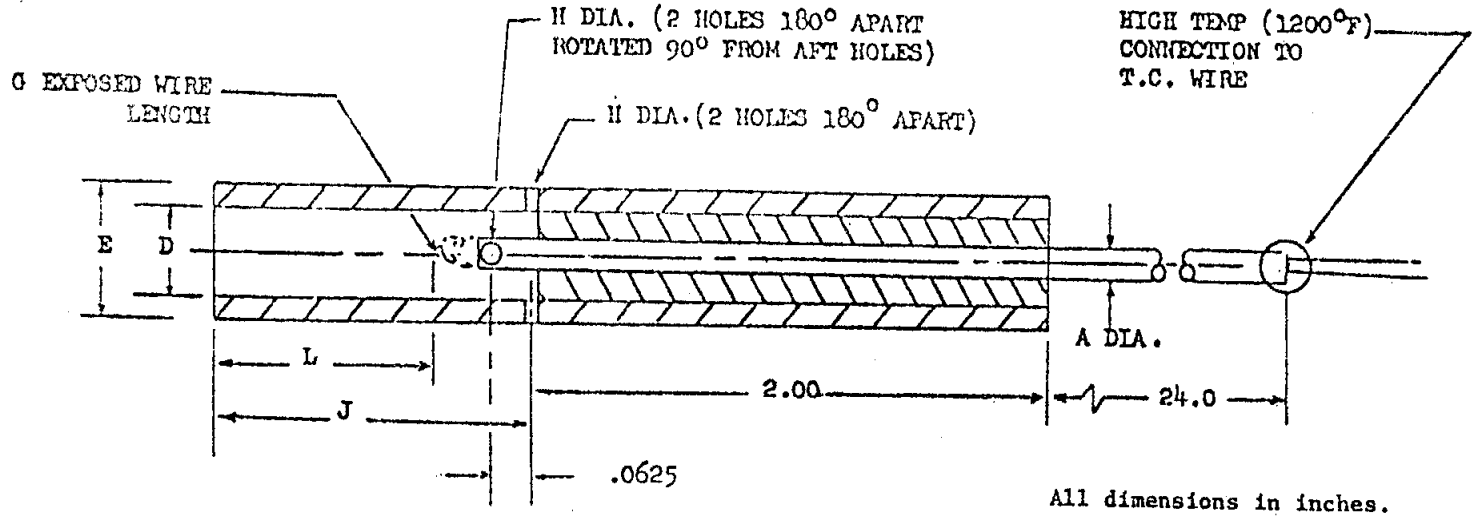
Figure 8. Overhead Probe Survey Mechanism



All dimensions in inches.

(b) Top View

Figure 8. (Concluded)



A	D	E	H	G	J	L
0.020	0.056	0.060	0.020	0.250	0.668	0.112

Figure 9. Shielded Thermocouple Probe

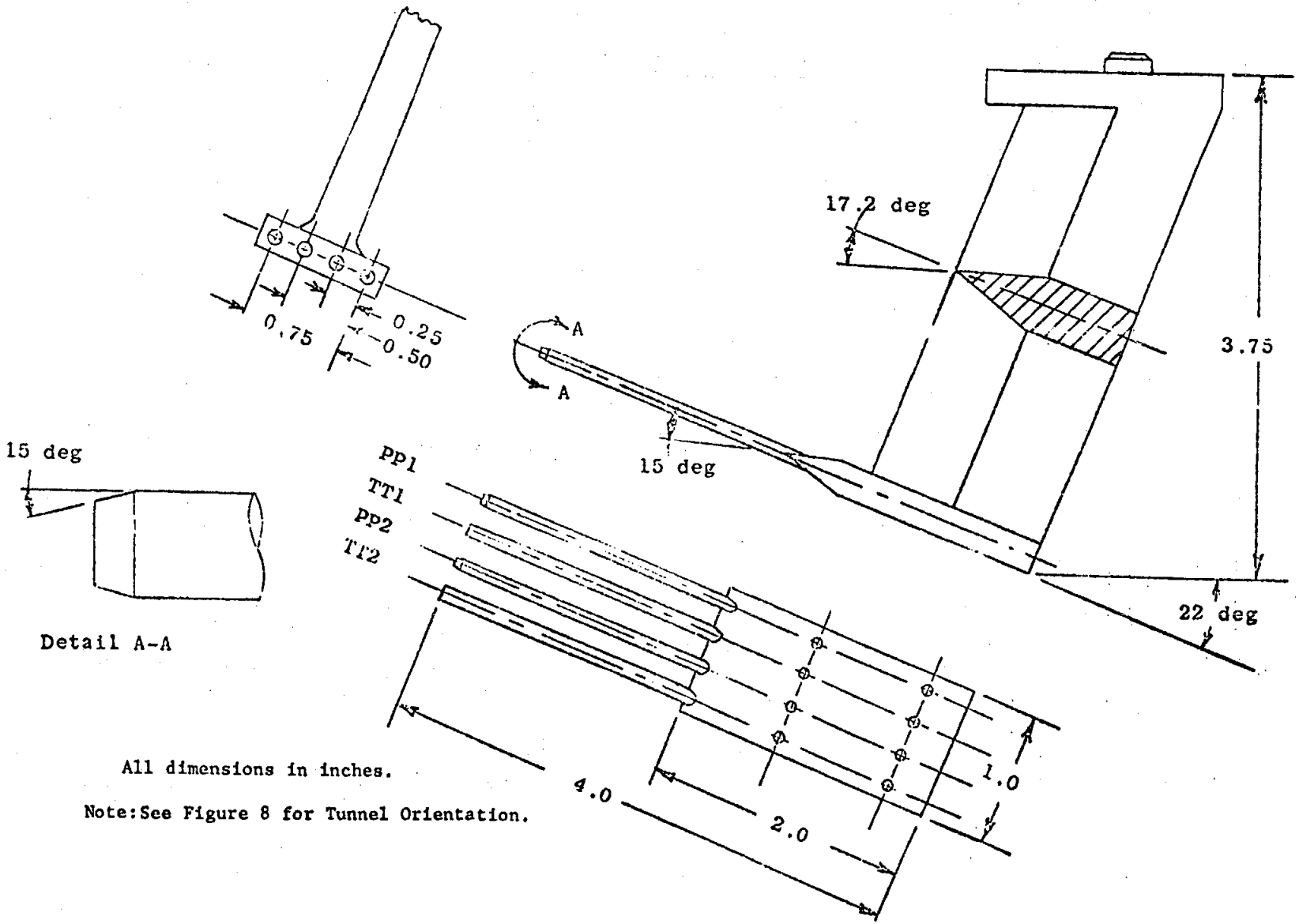


Figure 10. Flow Field Probe Holder

Figure 11. Flow Field Probe Alignment with Optical Overlay

DATA FIGURES

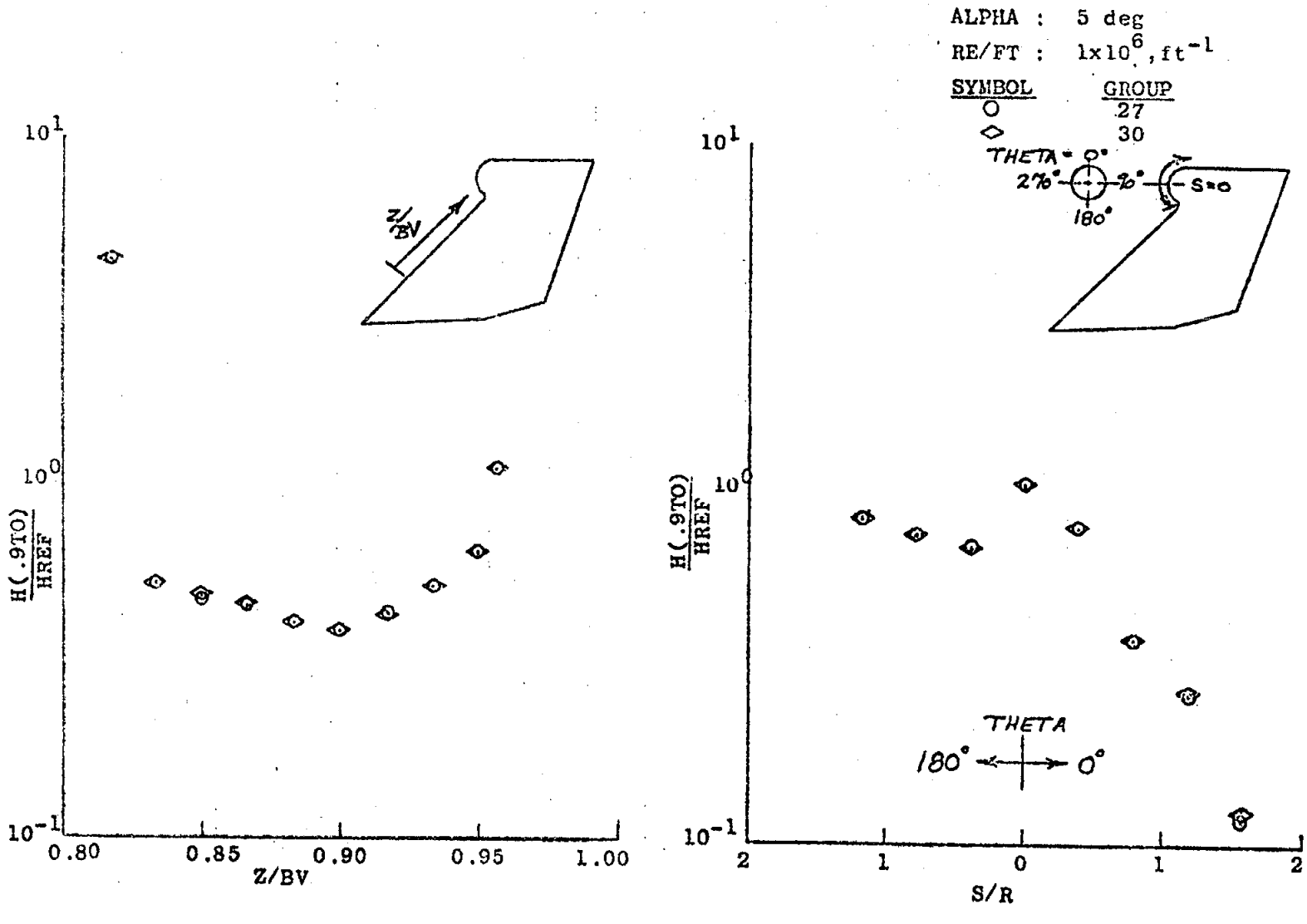
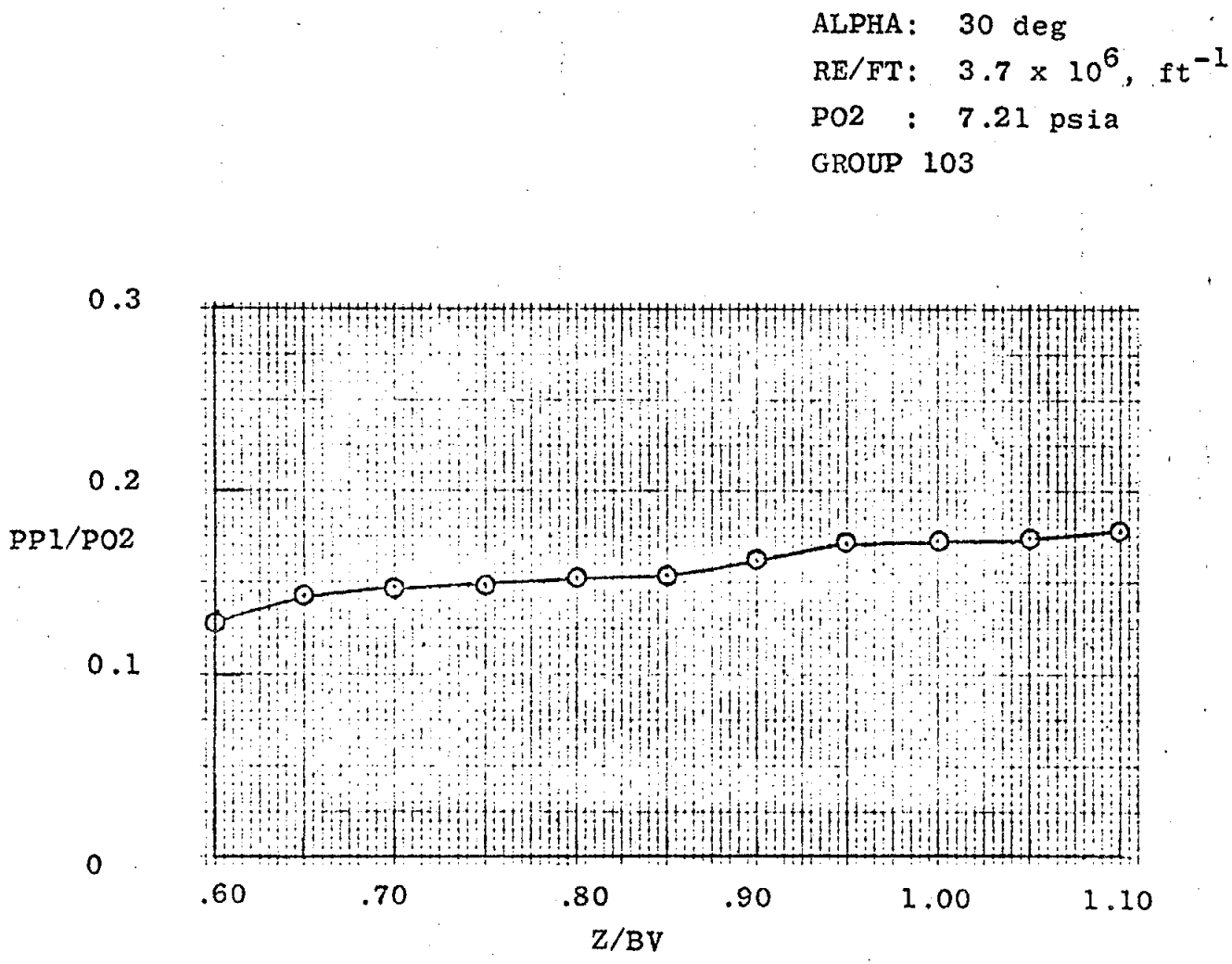


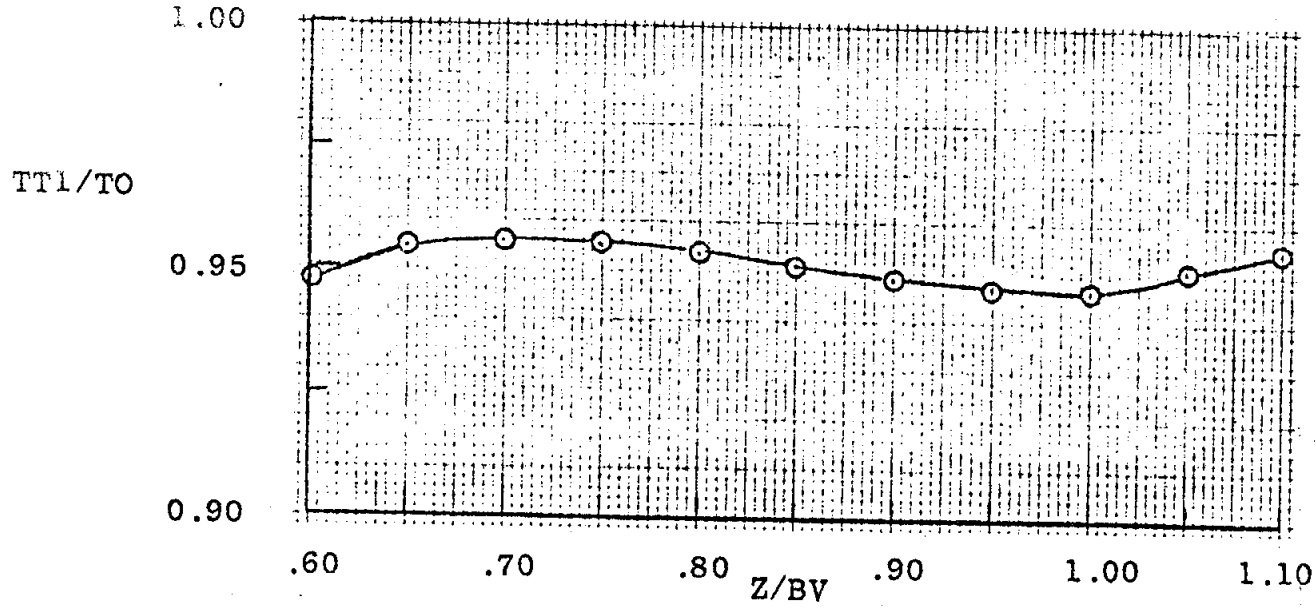
Figure 12. Data Repeatability



a. Total pressure probe, PP1

Figure 13. Representative Probe Measurements

ALPHA: 30 deg
RE/FT: 3.7×10^6, ft^{-1}
TO : $1358^{o}R$
GROUP 103



b. Total temperature probe, TT1

Figure 13. (Concluded)

(R4XV01) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.570	.700	-4.954
□	1.002		
◇	2.004		

PARAMETRIC VALUES

MACH 7.940 BETA -.025

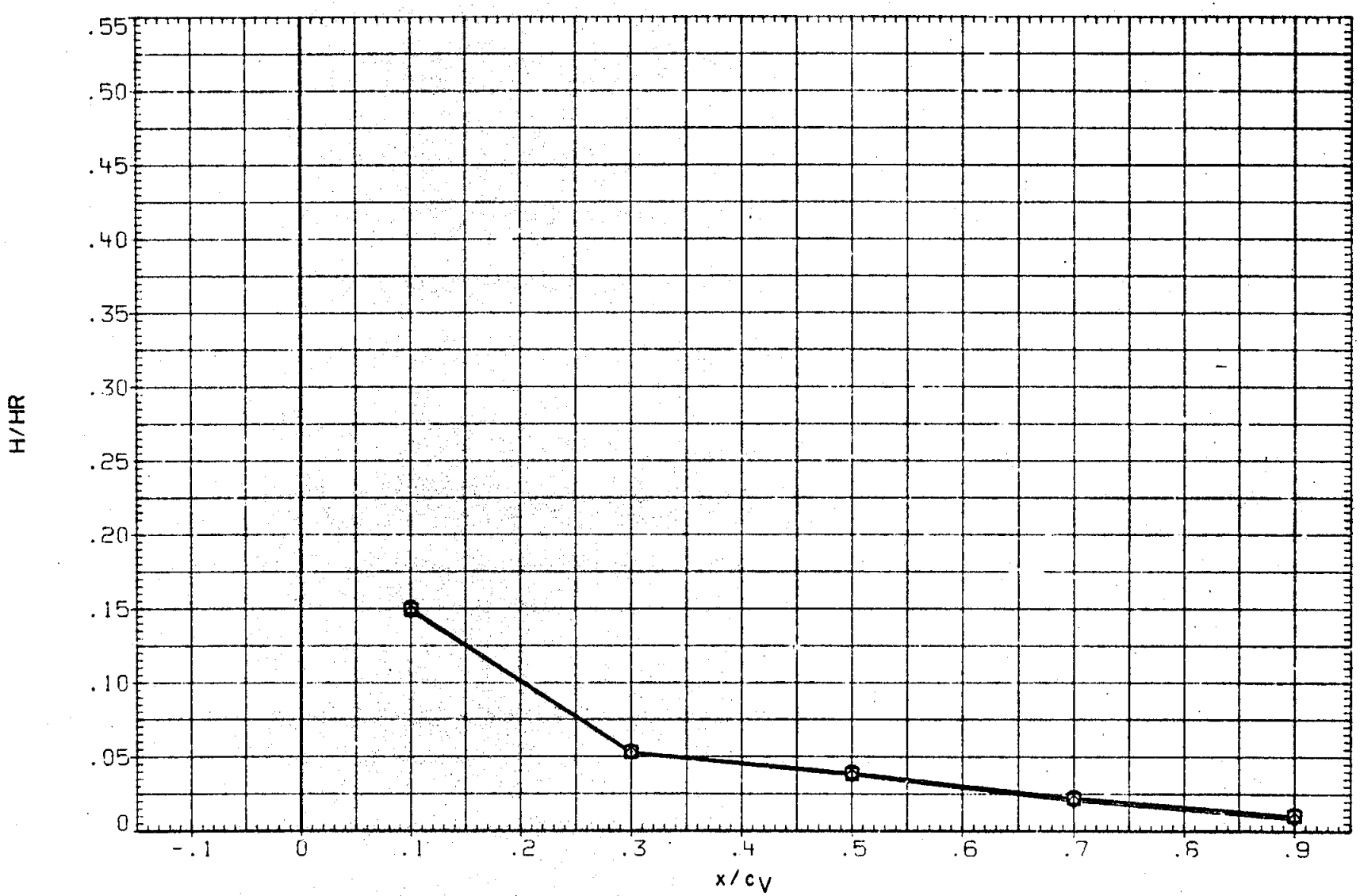


FIG. 14 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV01) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.570	.750	-4.954
□	1.002		
◇	2.004		

PARAMETRIC VALUES

MACH 7.940 BETA -.025

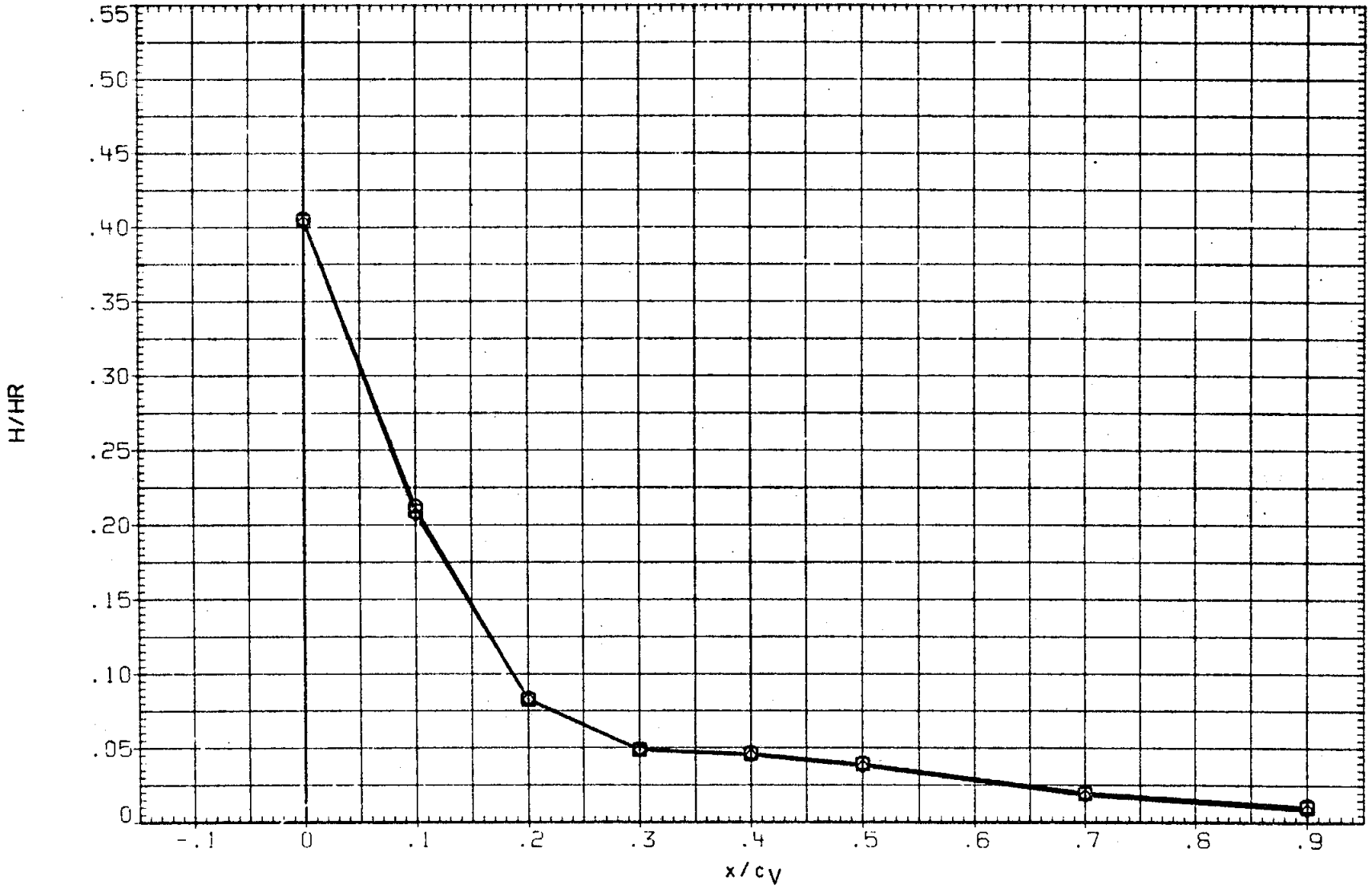


FIG. 14 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV01) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.570	.800	-4.954
□	1.002		
◇	2.004		

PARAMETRIC VALUES

MACH 7.940 BETA -.025

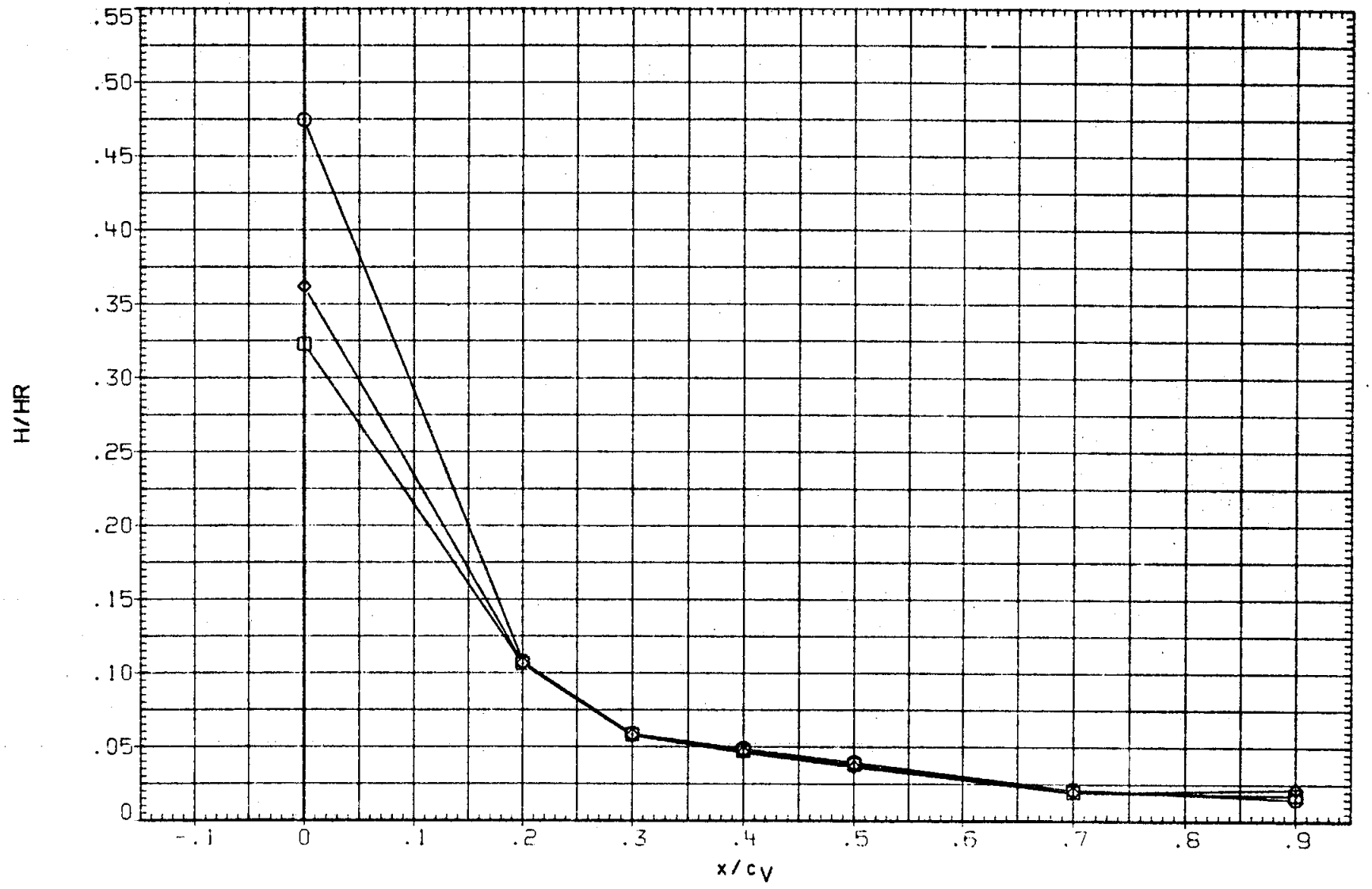


FIG. 14 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV01) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.570	.850	-4.954
□	1.002		
◇	2.004		

PARAMETRIC VALUES

MACH 7.940 BETA -.025

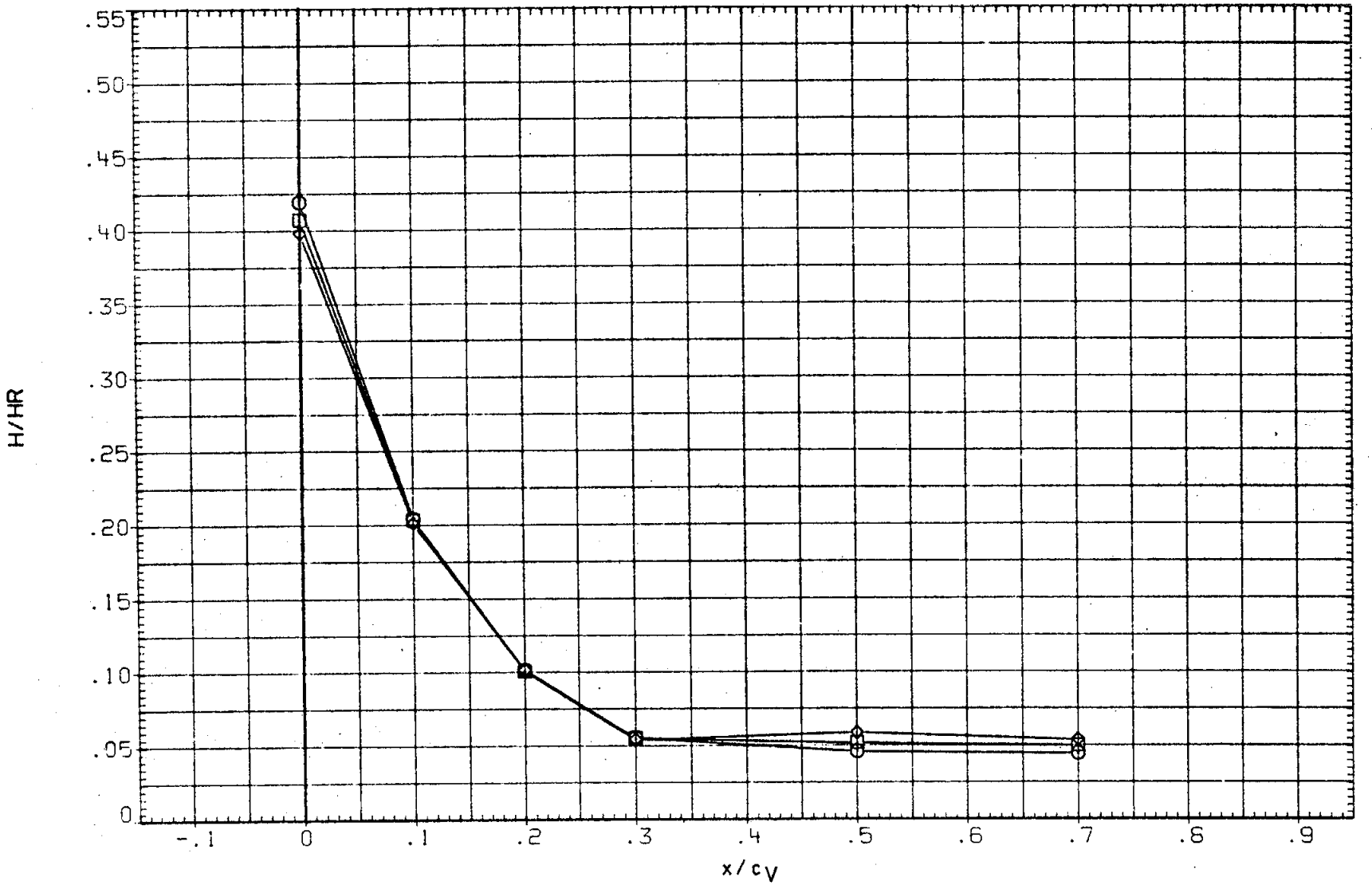


FIG. 14 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV01) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.570	.900	-4.954
□	1.002		
◇	2.004		

PARAMETRIC VALUES

MACH 7.940 BETA -.025

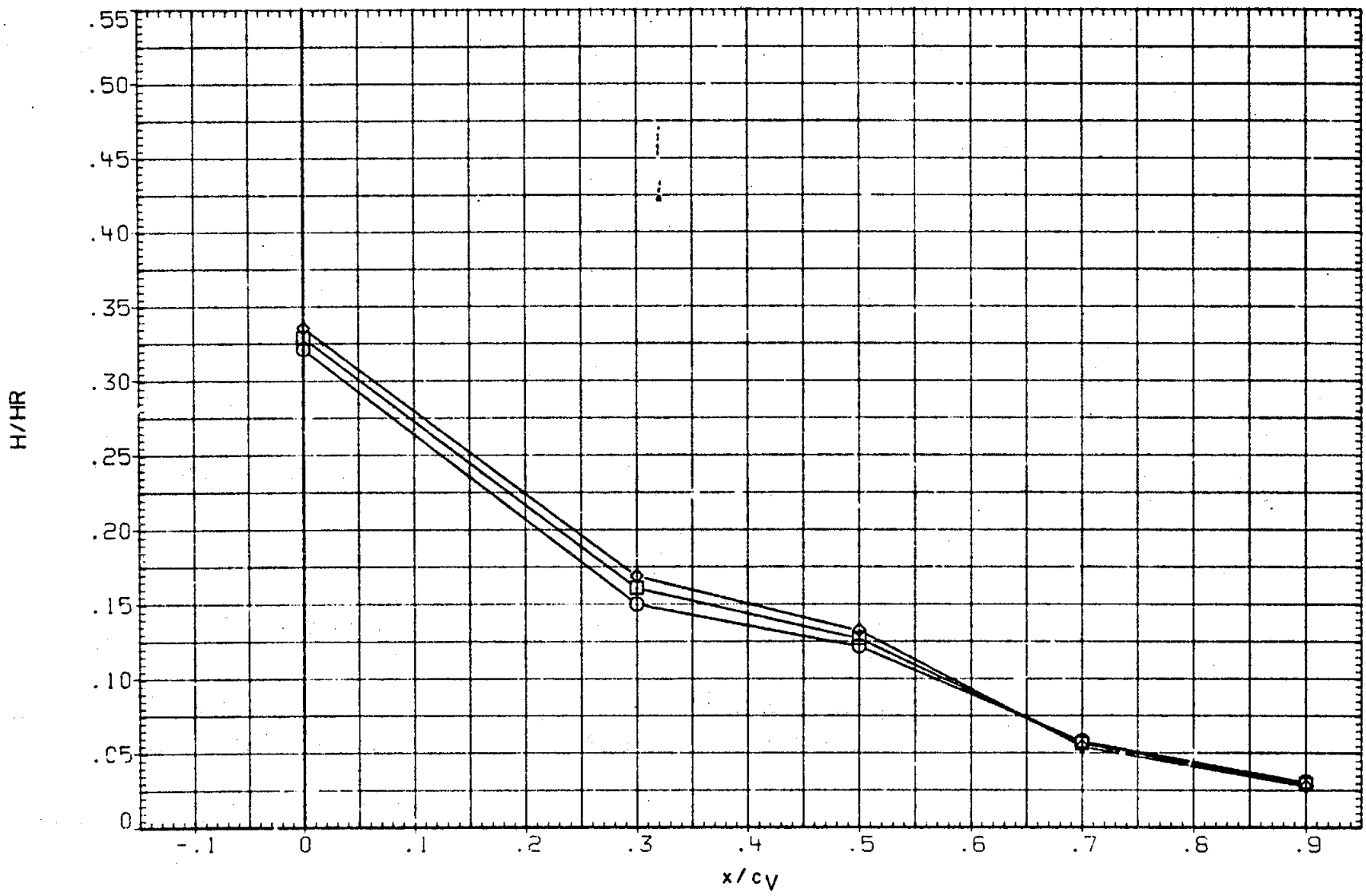


FIG. 14 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV01) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.570	.925	-4.954
□	1.002		
◇	2.004		

PARAMETRIC VALUES

MACH 7.940 BETA -.025

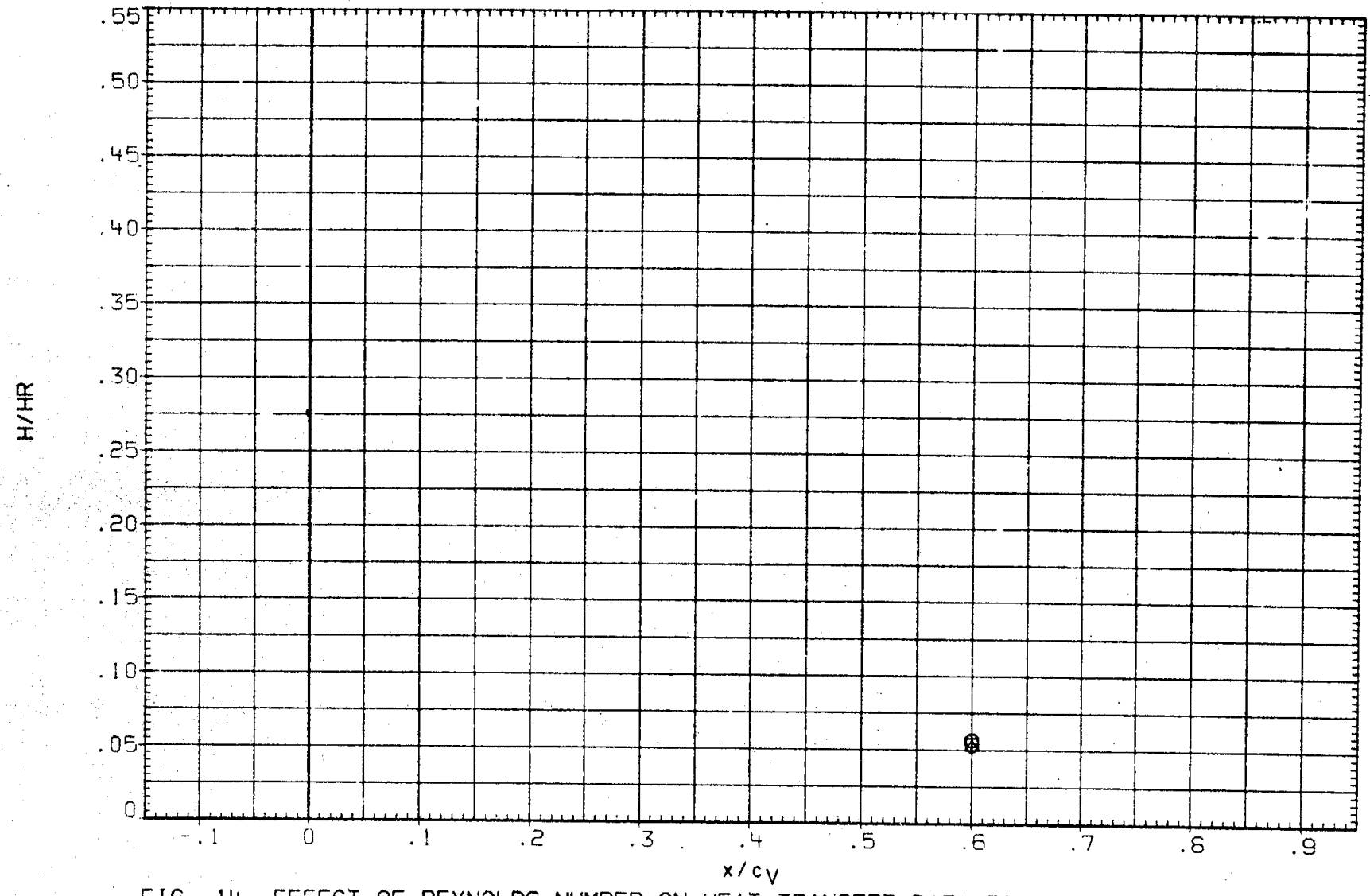


FIG. 14 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV01) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.570	.937	-4.954
□	1.002		
◇	2.004		

PARAMETRIC VALUES

MACH 7.940 BETA -.025

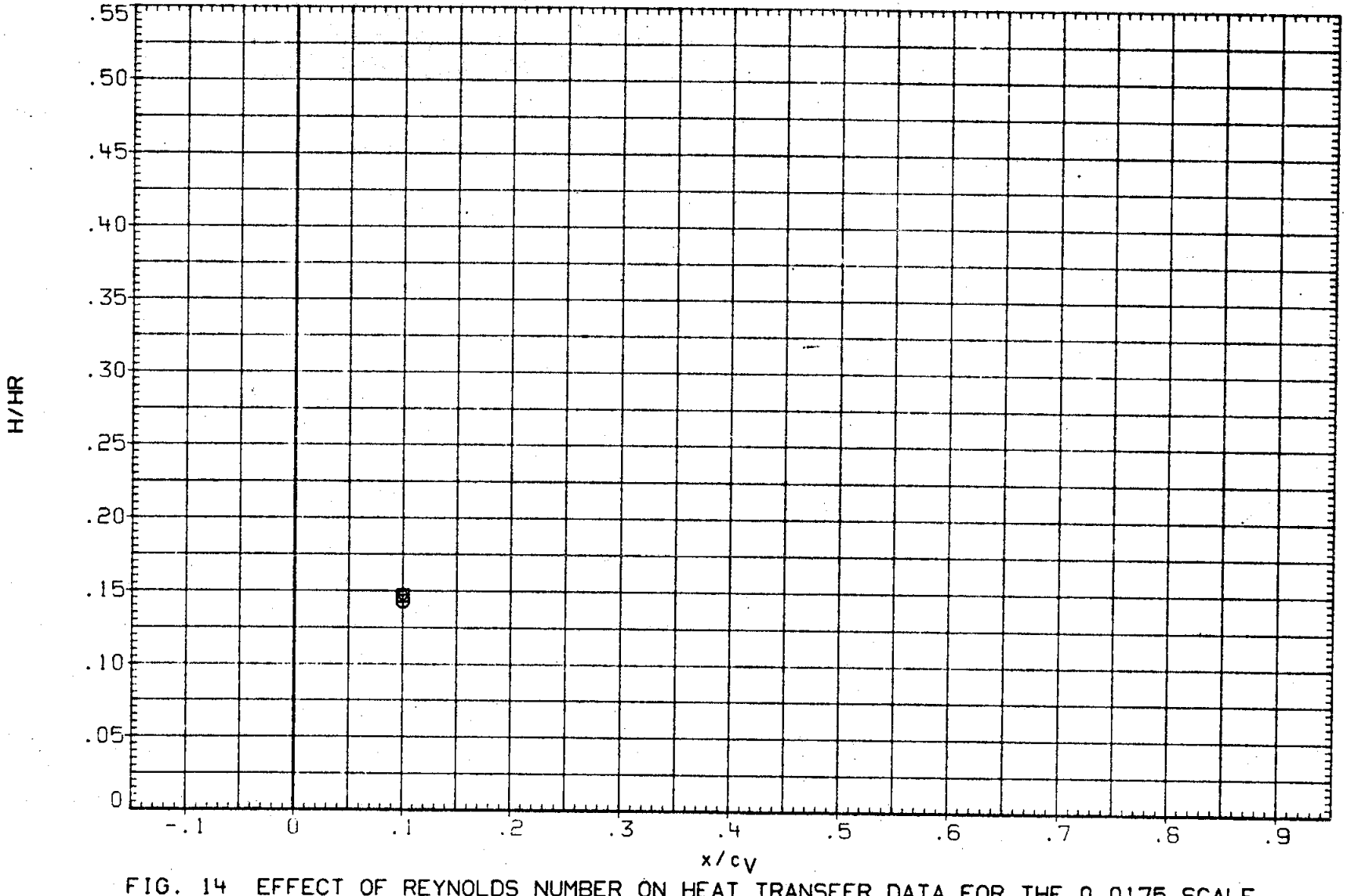


FIG. 14 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV01) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.570	.941	-4.954
□	1.002		
◇	2.004		

PARAMETRIC VALUES

MACH 7.940 BETA -.025

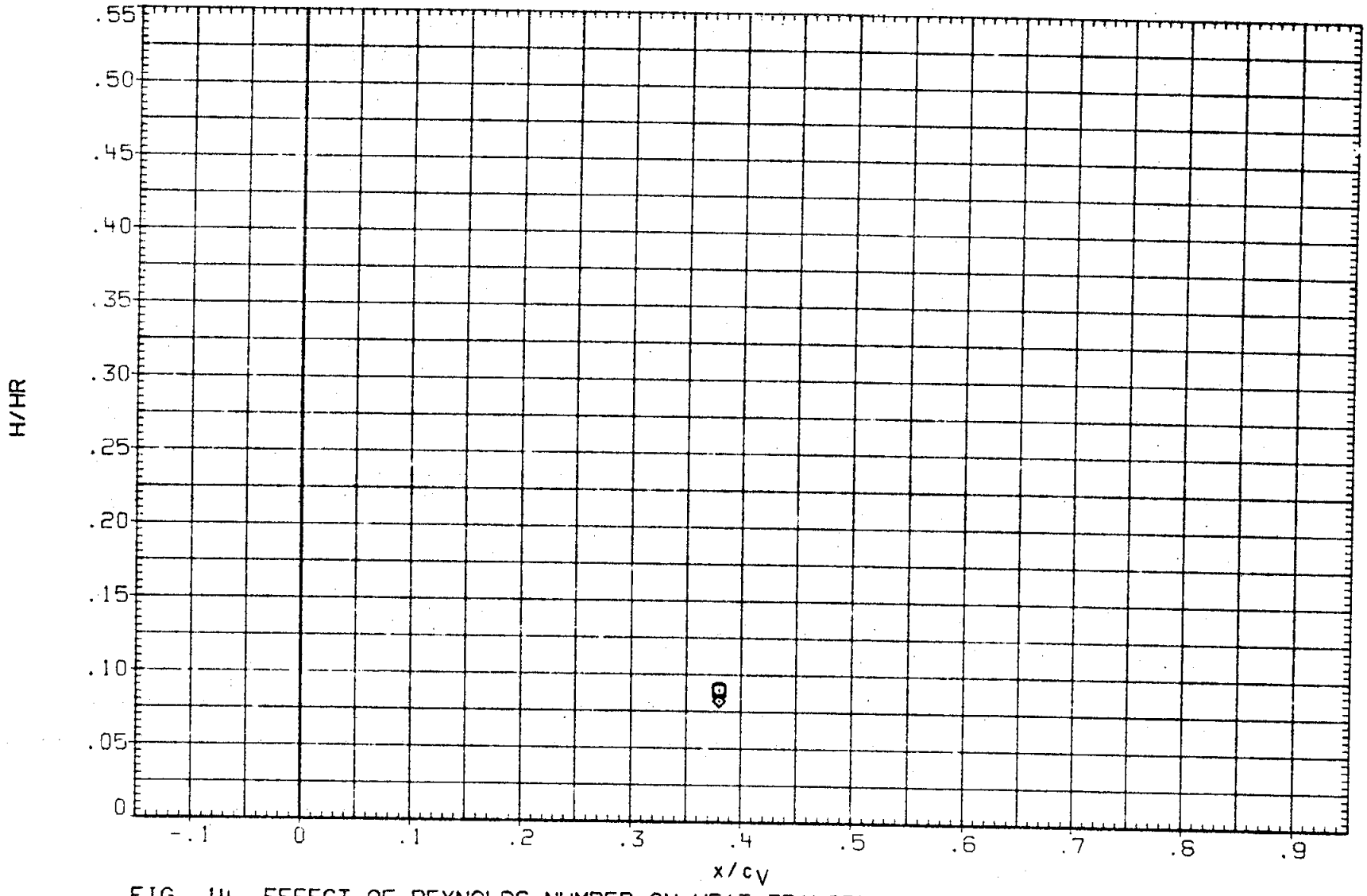


FIG. 14 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV01) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.570	.949	-4.954
□	1.002		
◇	2.004		

PARAMETRIC VALUES

MACH 7.940 BETA -.025

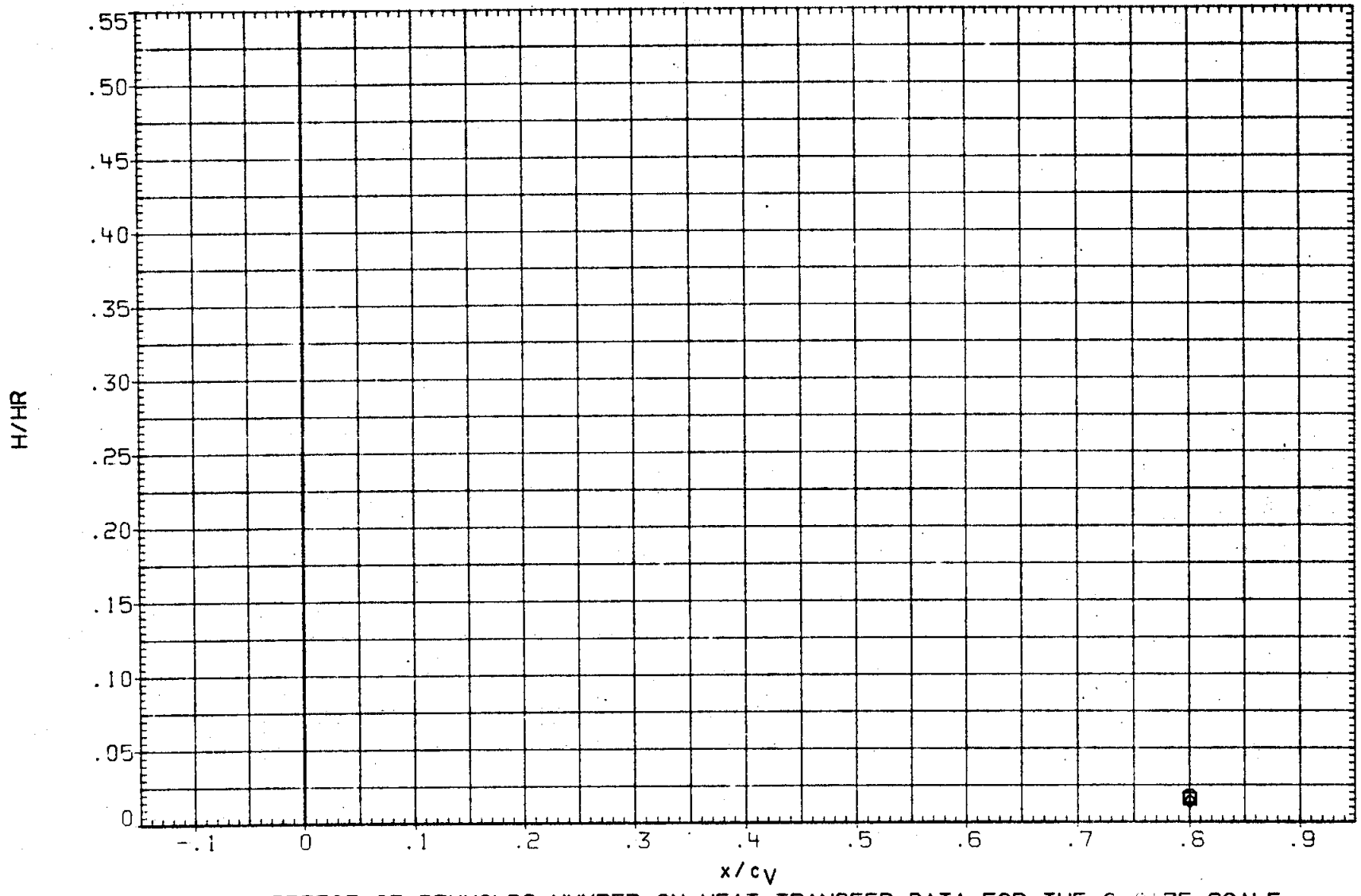


FIG. 14 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV01) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.570	.973	-4.954
□	1.002		
◇	2.004		

PARAMETRIC VALUES

MACH 7.940 BETA -.025

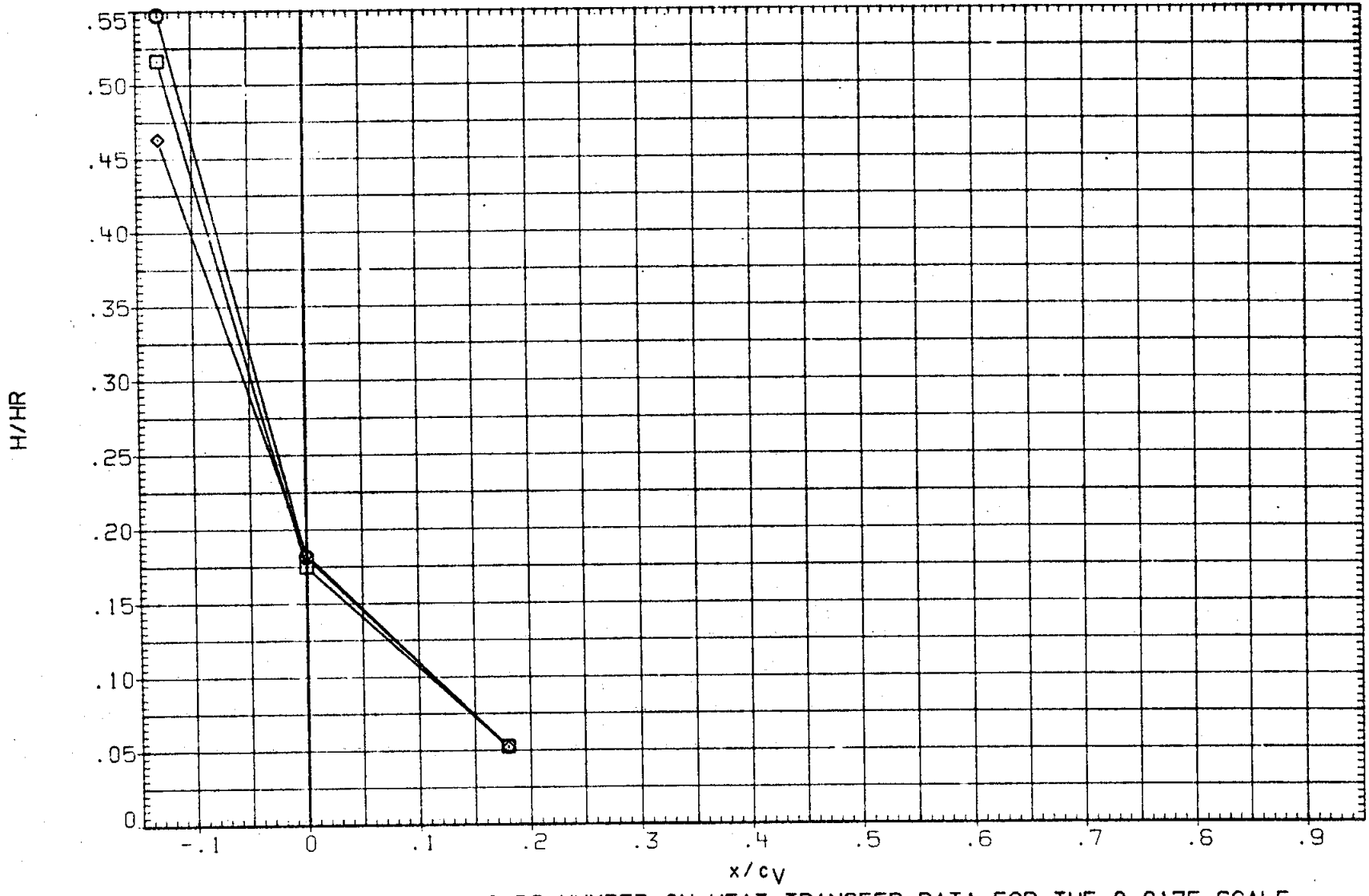


FIG. 14 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV01) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.570	1.000	-4.954
□	1.002		
◇	2.004		

PARAMETRIC VALUES

MACH 7.940 BETA -.025

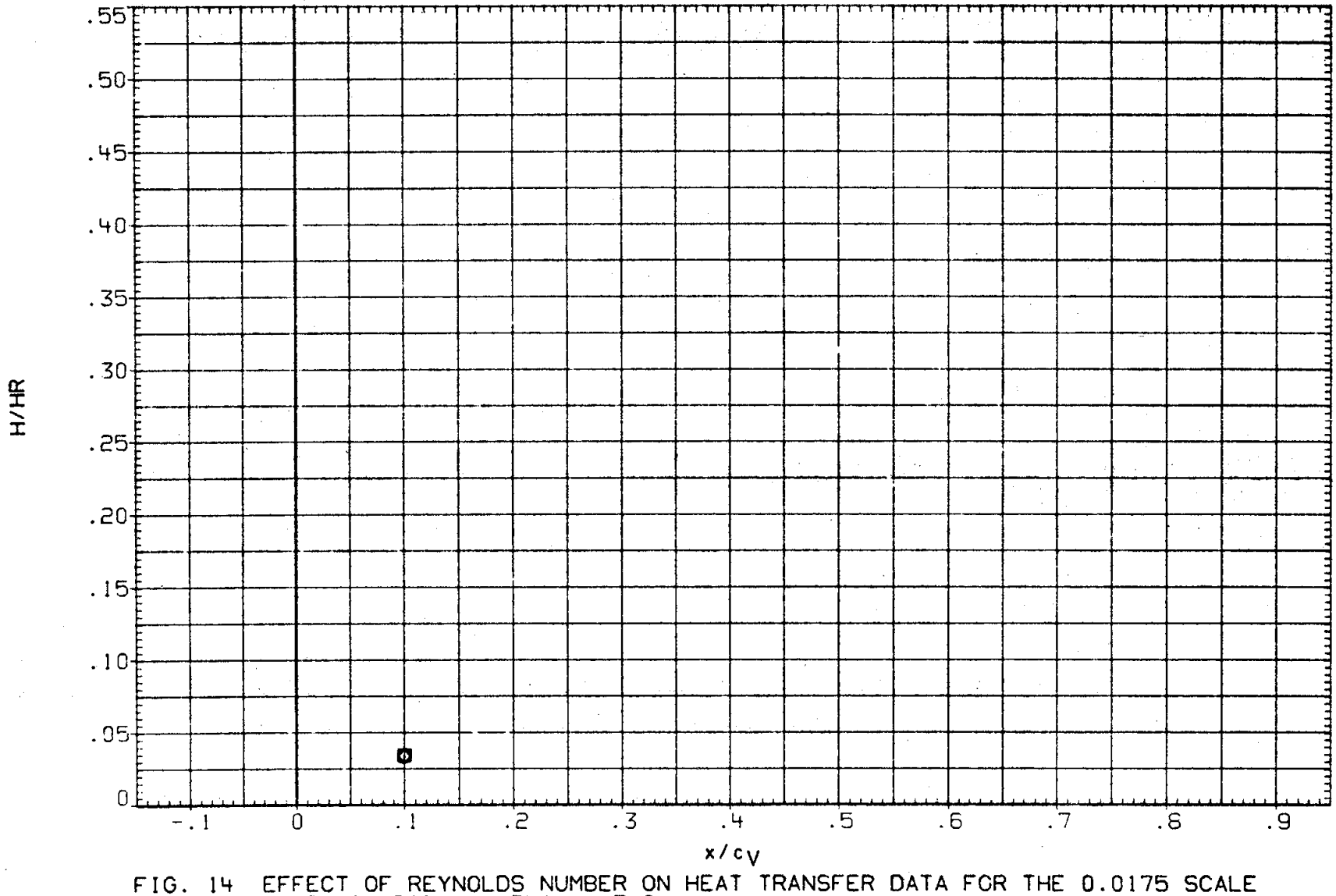


FIG. 14 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ S'LTS POD - ALPHA = -5.0

(R4XV02) OH400 (AEDC V41B-E5) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.700	.040
□	1.008		
◇	2.005		

PARAMETRIC VALUES

MACH 7.940 BETA -.015

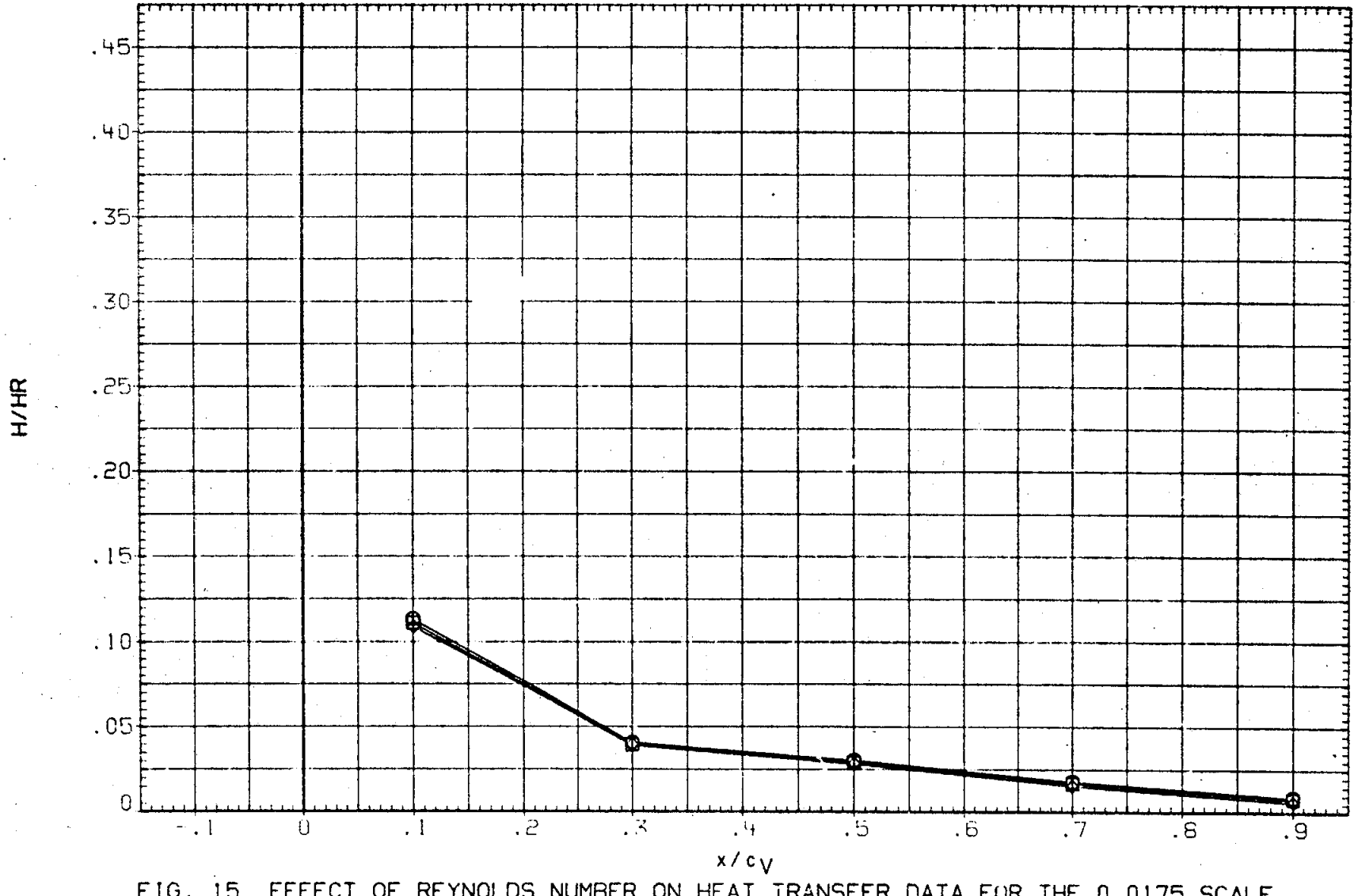


FIG. 15 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV02) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.750	.040
□	1.008		
◇	2.005		

PARAMETRIC VALUES

MACH 7.940 BETA -.015

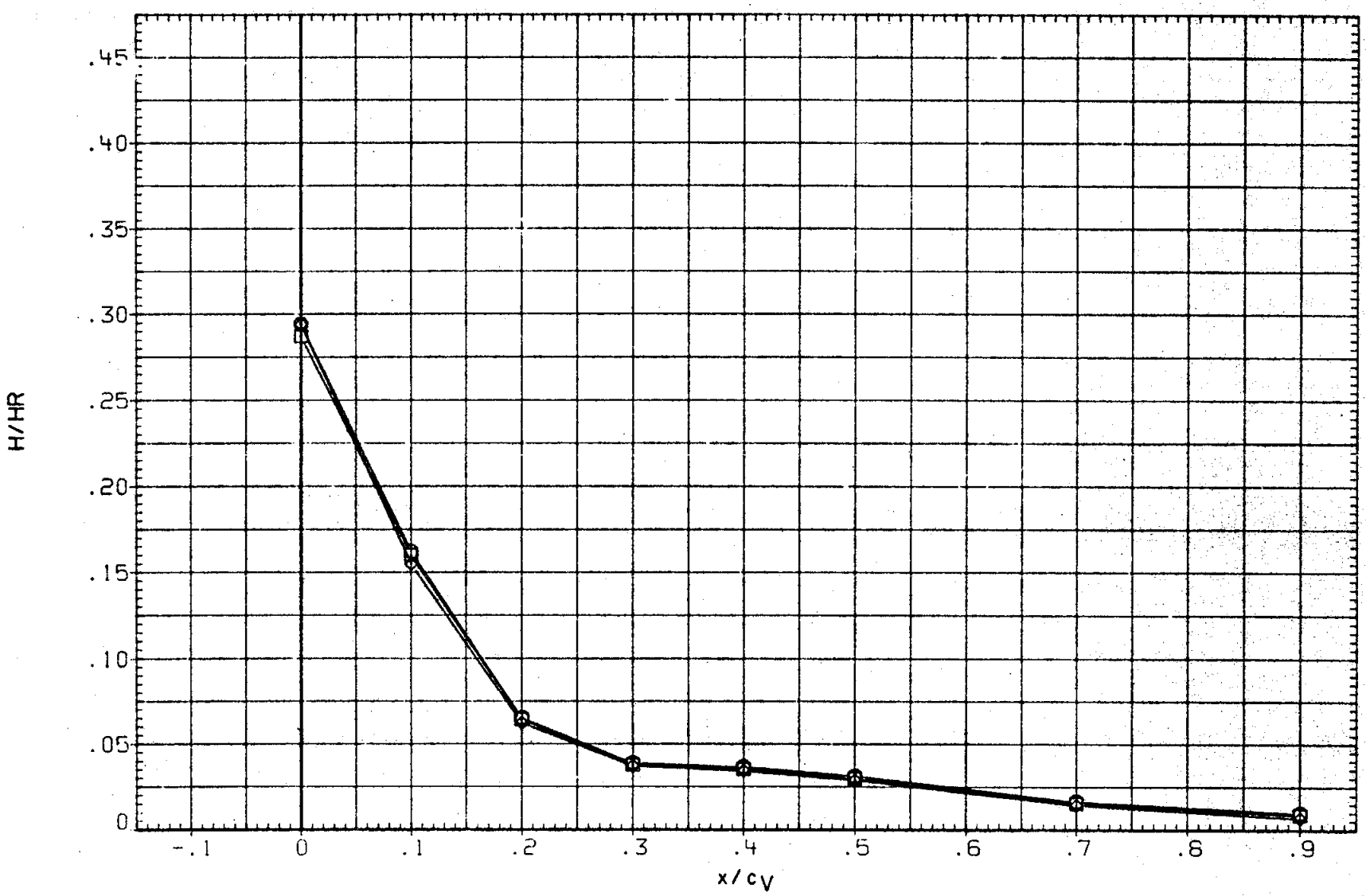


FIG. 15 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV02) OH+00 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.800	.040
□	1.008		
◇	2.005		

PARAMETRIC VALUES

MACH 7.940 BETA -.015

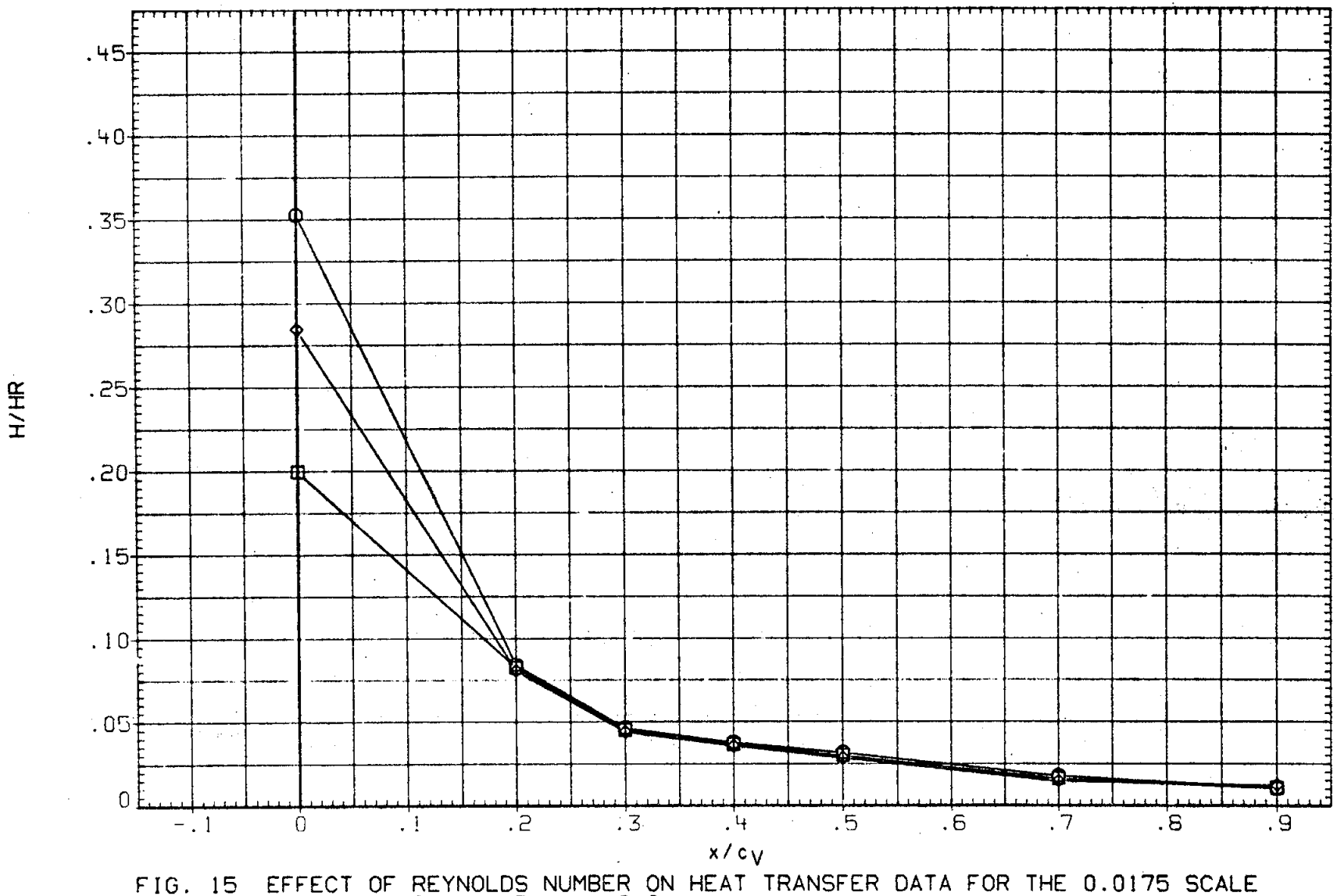


FIG. 15 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV02) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.850	.040
□	1.008		
◇	2.005		

PARAMETRIC VALUES

MACH 7.940 BETA -.015

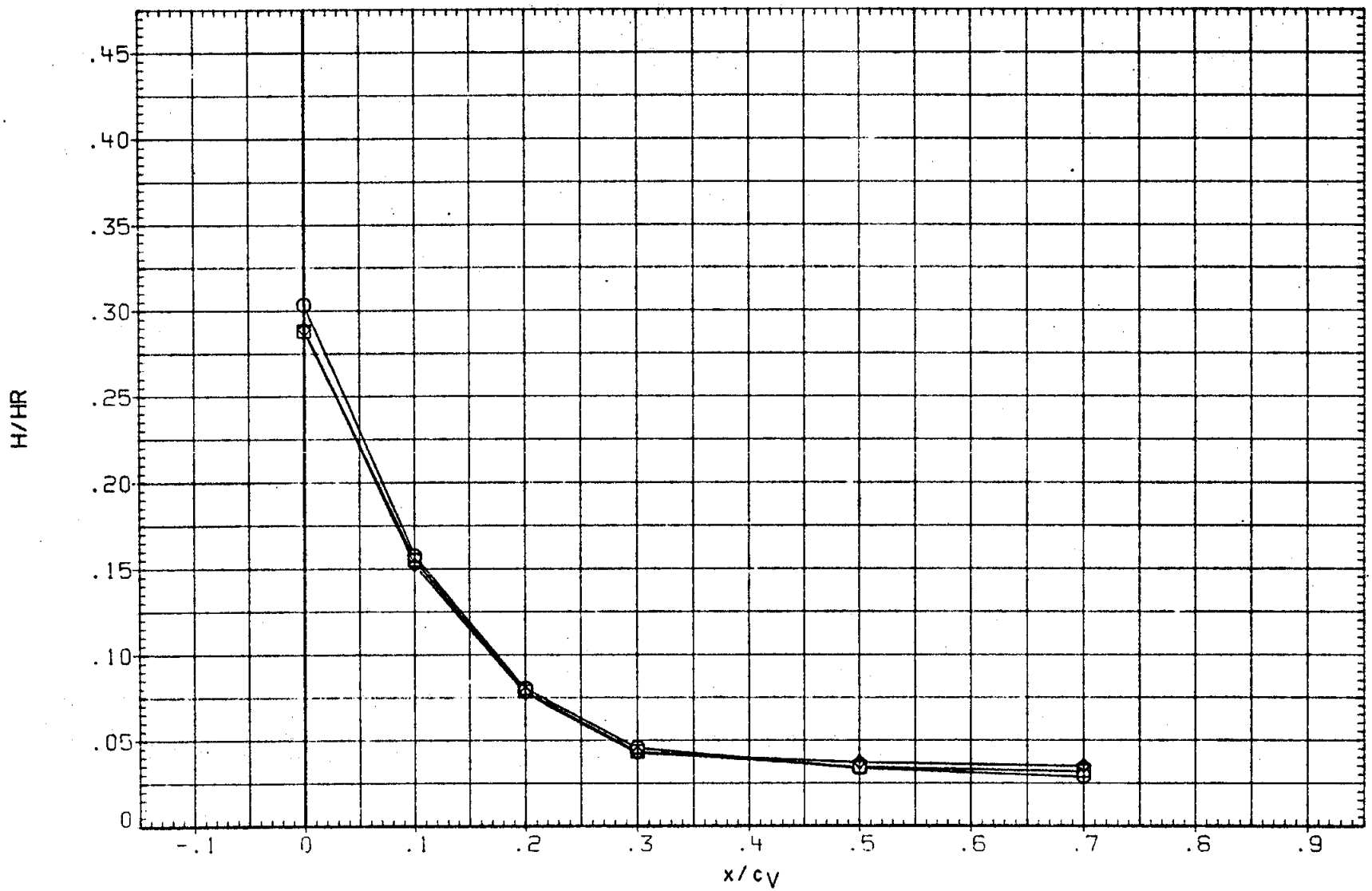


FIG. 15 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV02) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.900	.040
□	1.008		
◇	2.005		

PARAMETRIC VALUES

MACH 7.940 BETA -.015

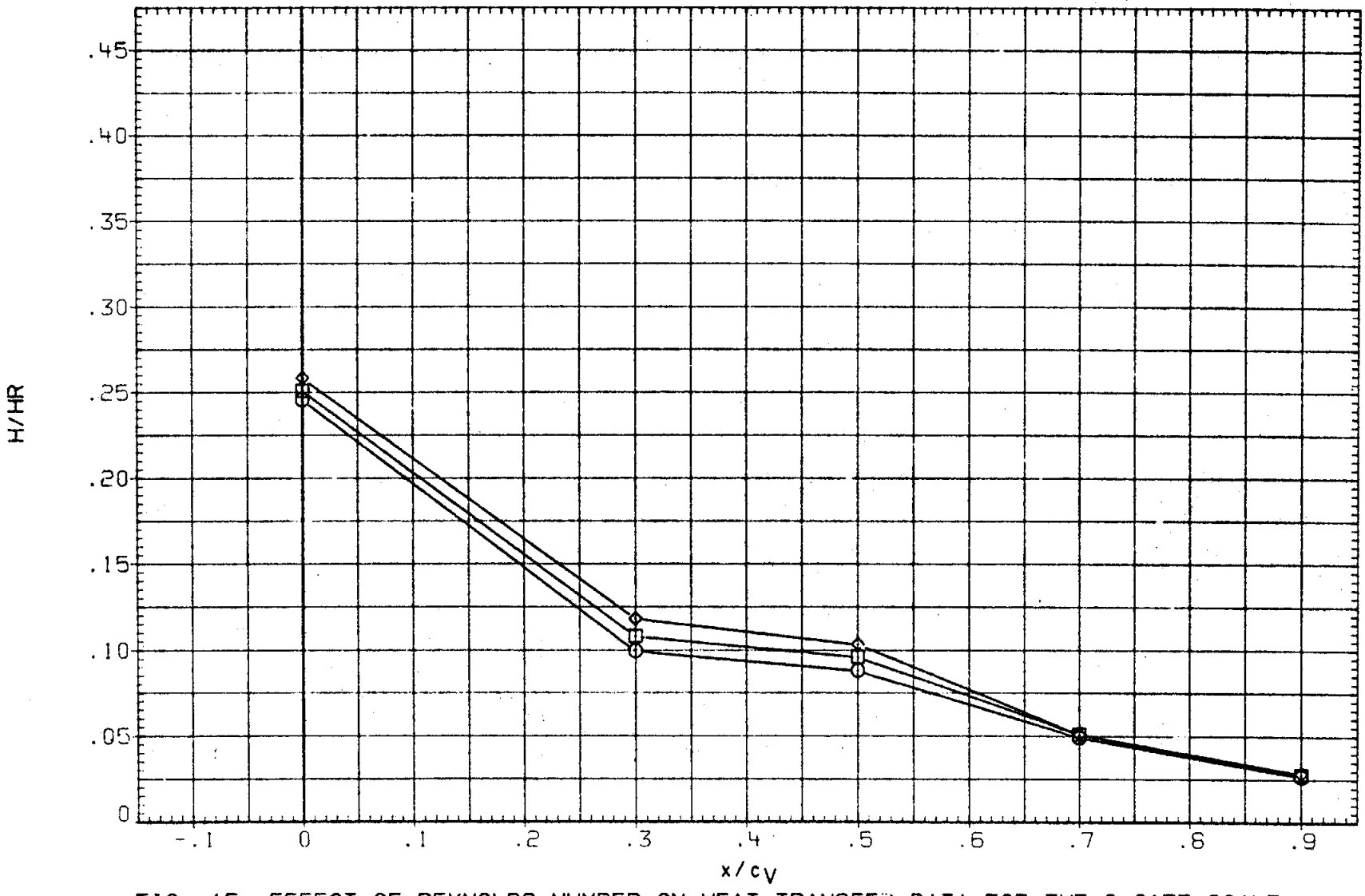


FIG. 15 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV02) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.925	.040
□	1.008		
◇	2.005		

PARAMETRIC VALUES

MACH 7.940 BETA -.015

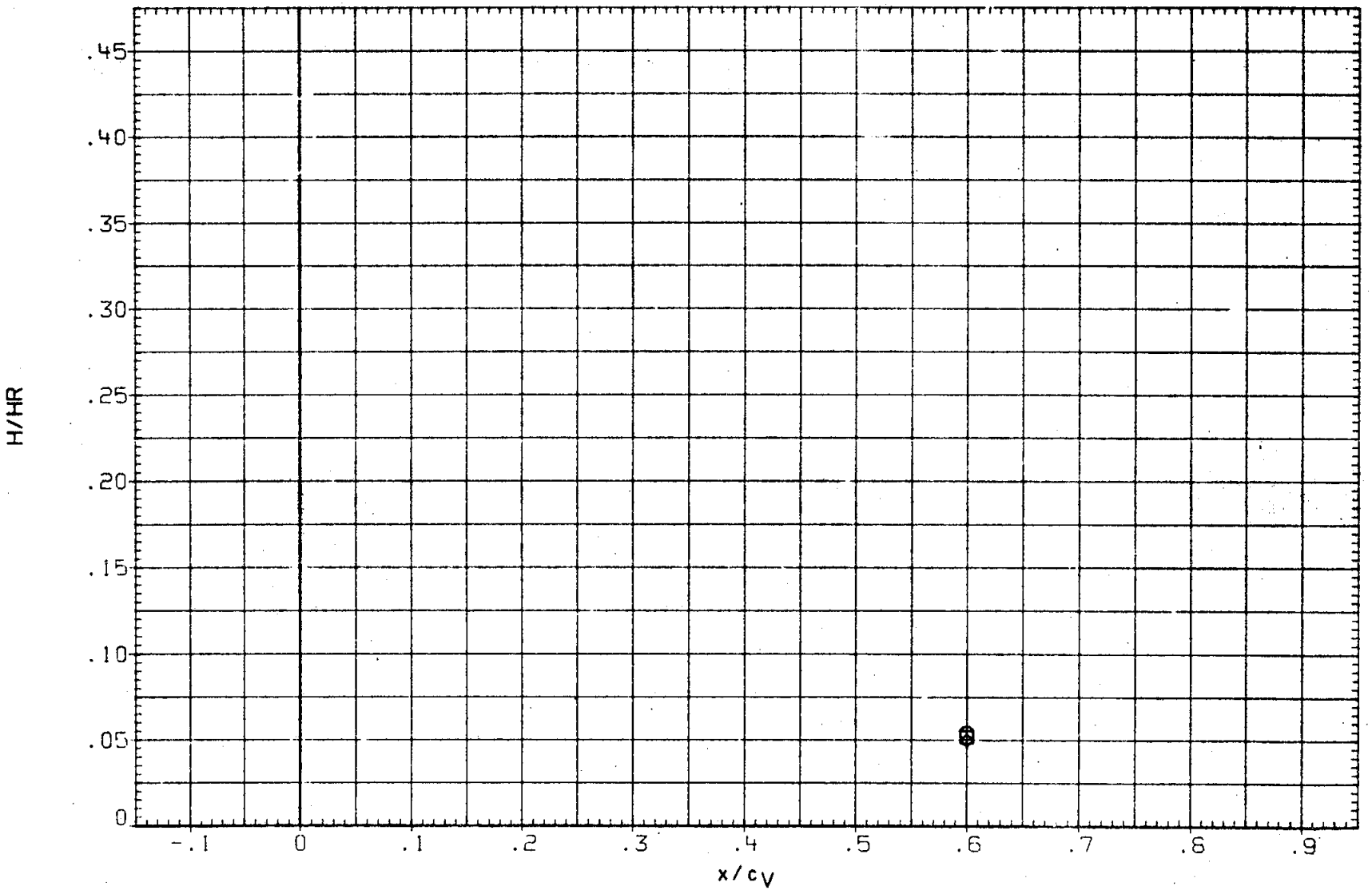


FIG. 15 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV02) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.937	.040
□	1.008		
◇	2.005		

PARAMETRIC VALUES

MACH 7.940 BETA -.015

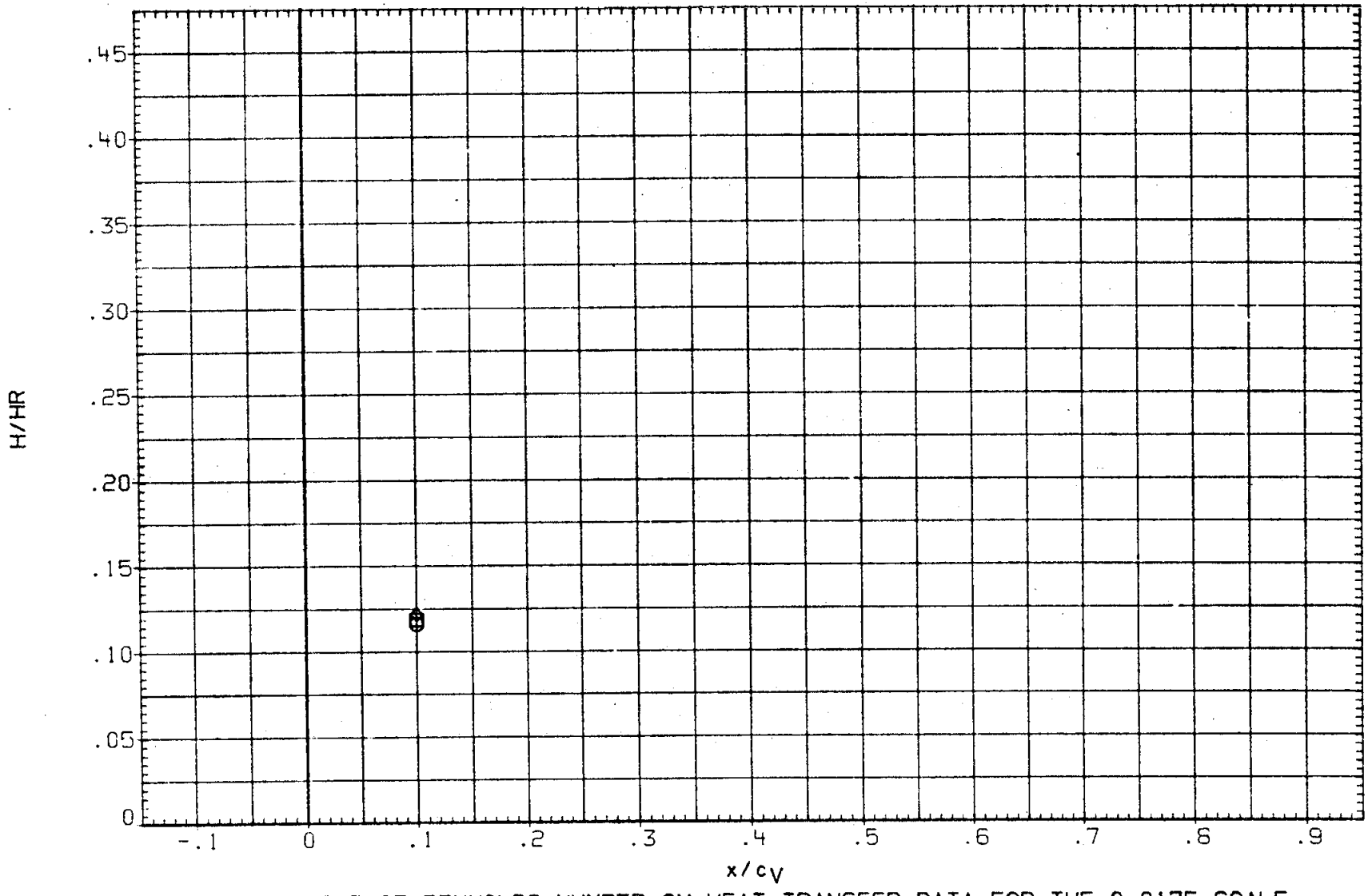


FIG. 15 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV02) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.941	.040
□	1.008		
◇	2.005		

PARAMETRIC VALUES

MACH 7.940 BETA -.015

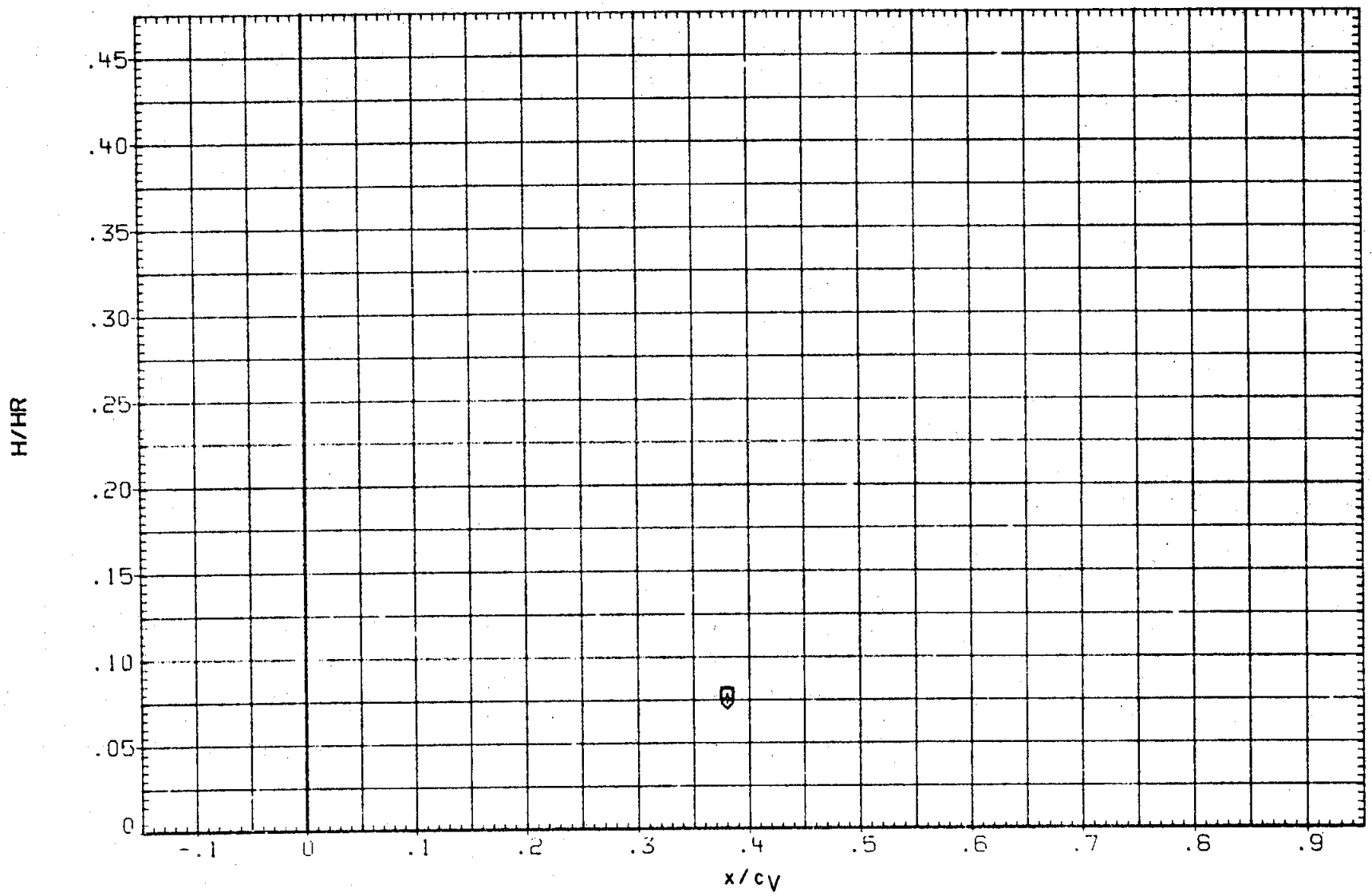


FIG. 15 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV02) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.949	.040
□	1.008		
◇	2.005		

PARAMETRIC VALUES

MACH 7.940 BETA -.015

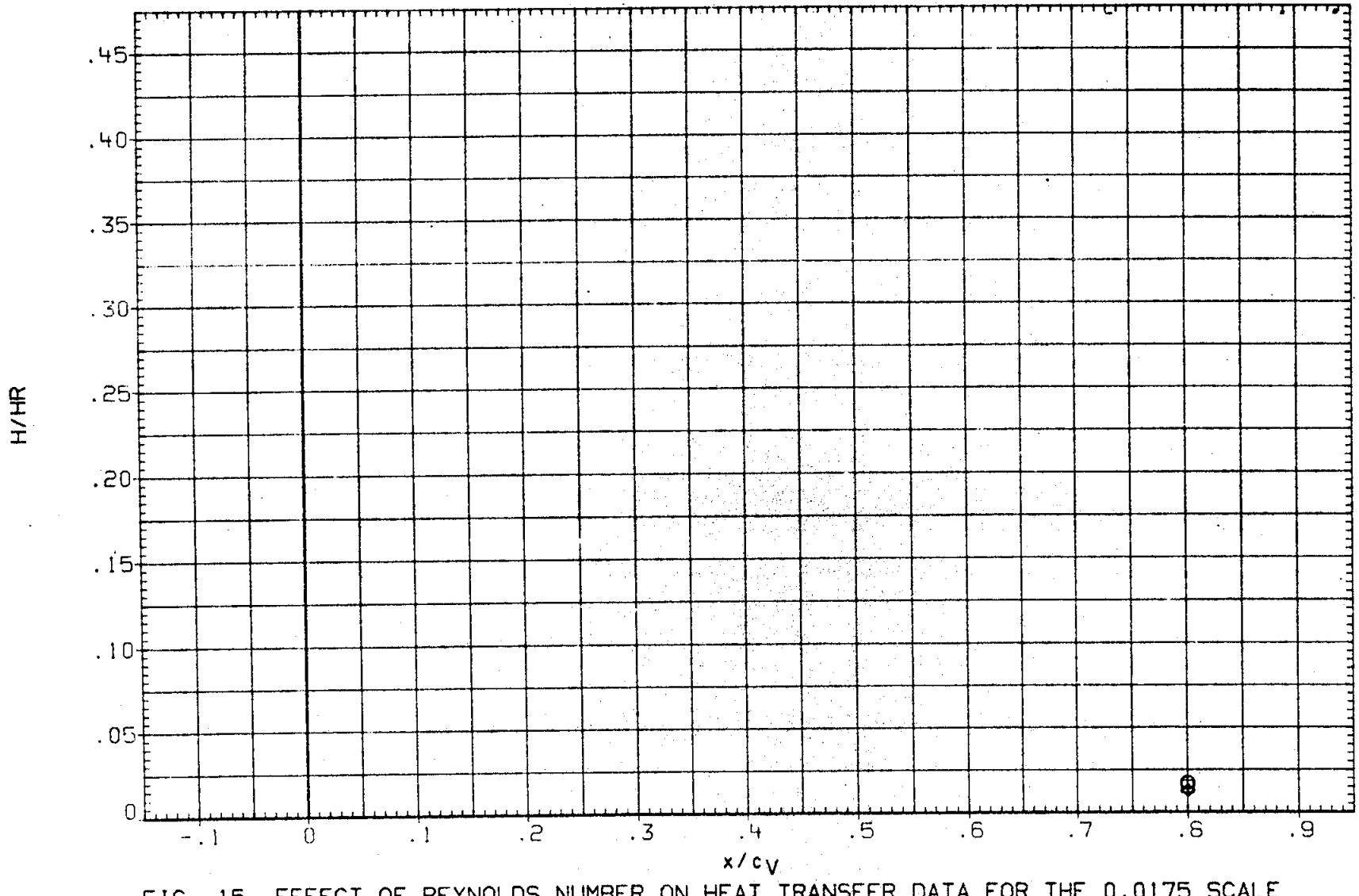


FIG. 15 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV02) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.973	.040
□	1.008		
◇	2.005		

PARAMETRIC VALUES

MACH 7.940 BETA -.015

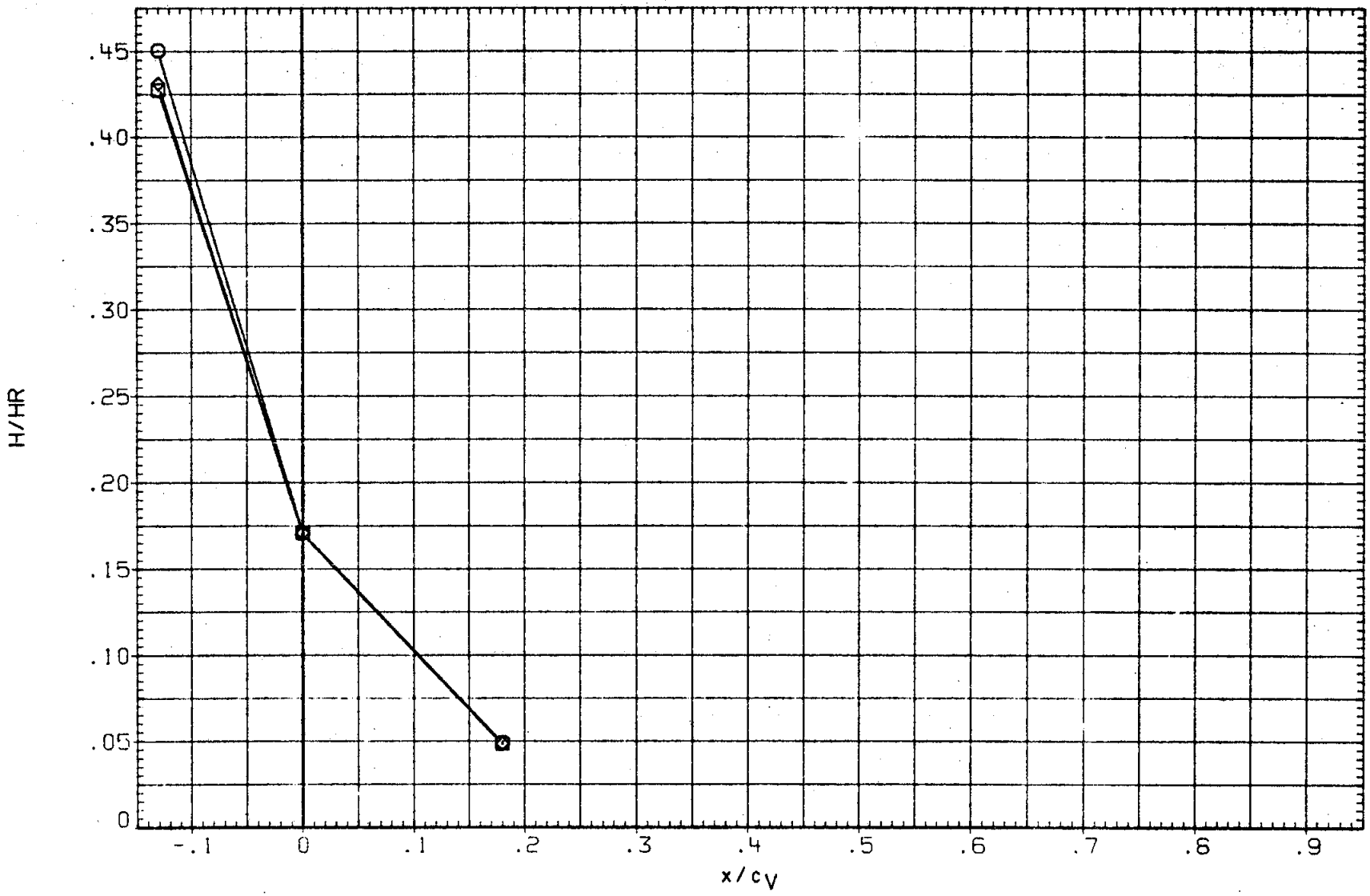


FIG. 15 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV02) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	1.000	.040
□	1.008		
◇	2.005		

PARAMETRIC VALUES

MACH	7.940	BETA	-.015

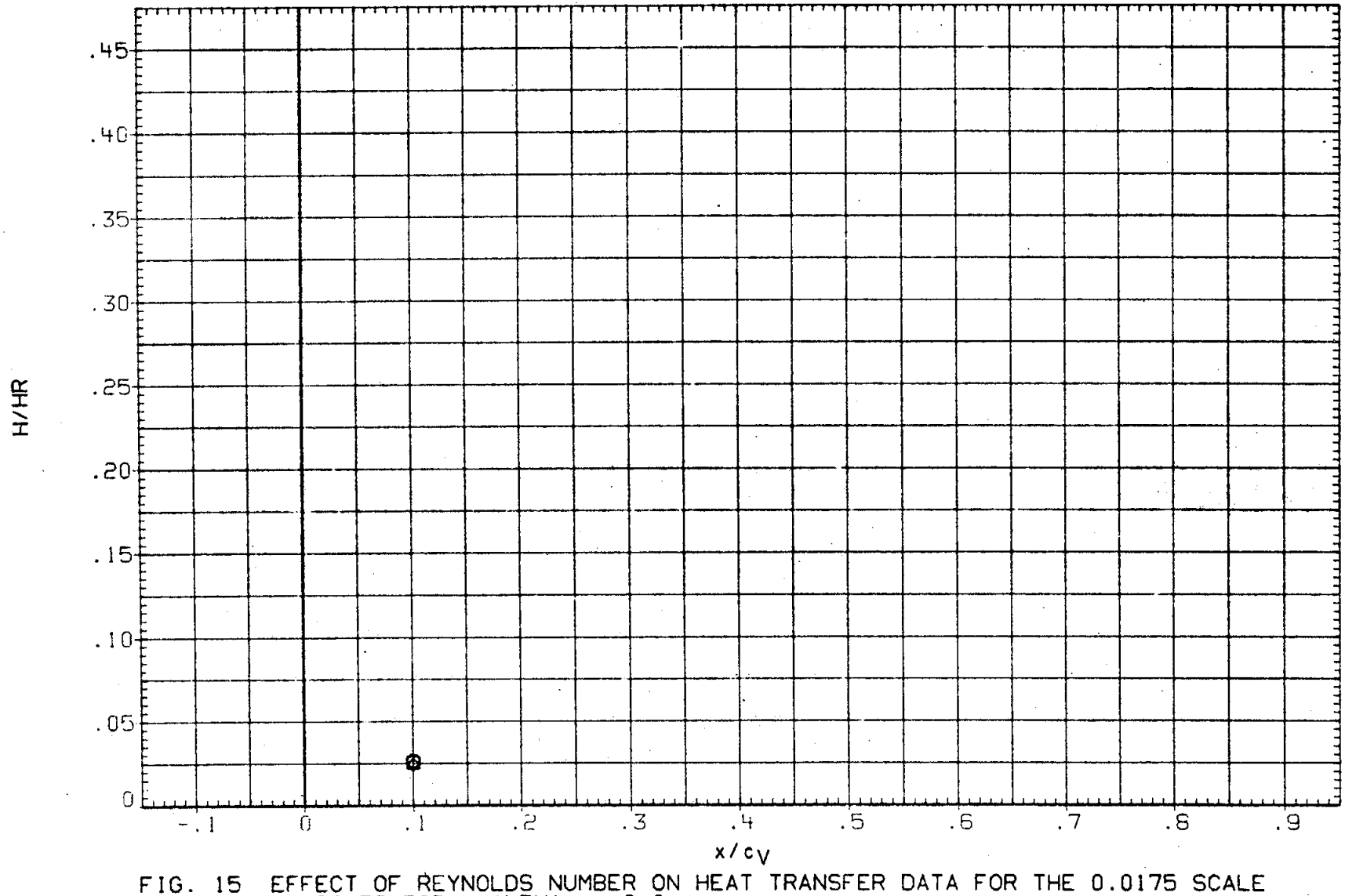


FIG. 15 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV03) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.575	.70J	5.036
□	.999		
◇	2.009		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

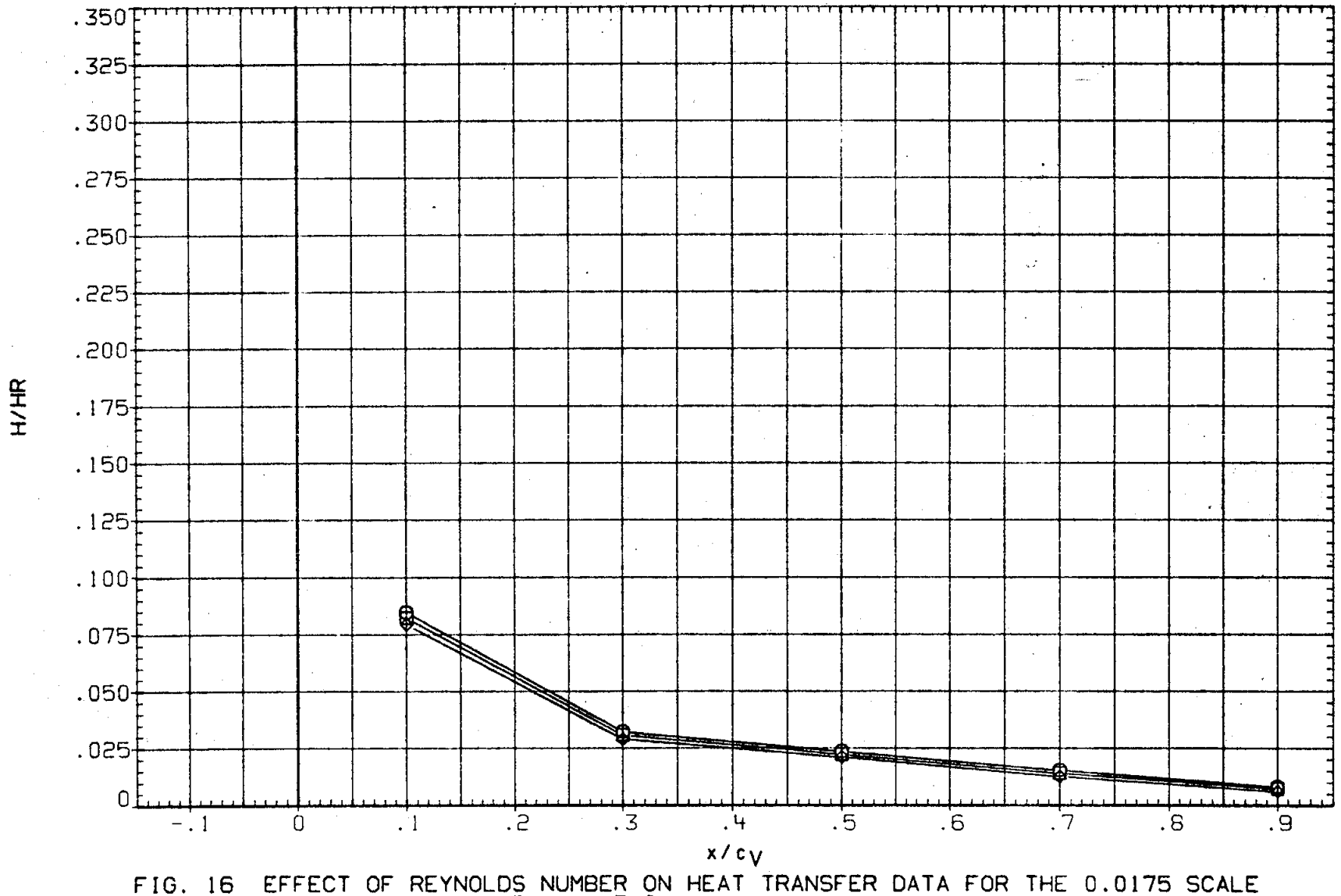


FIG. 16 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV03) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.575	.750	5.036
□	.999		
◇	2.009		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

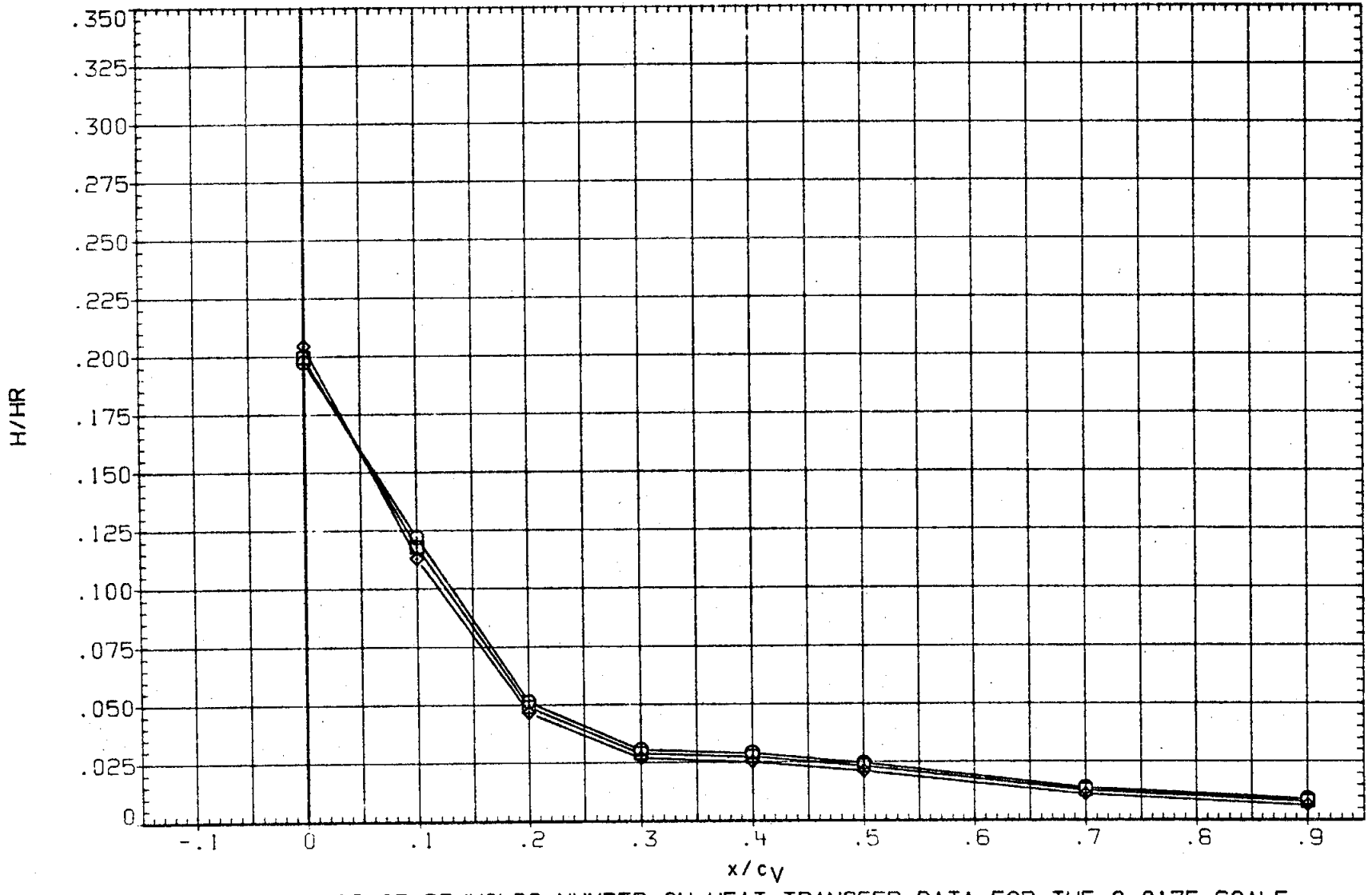


FIG. 16 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV03) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.575	.800	5.036
□	.999		
◇	2.009		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

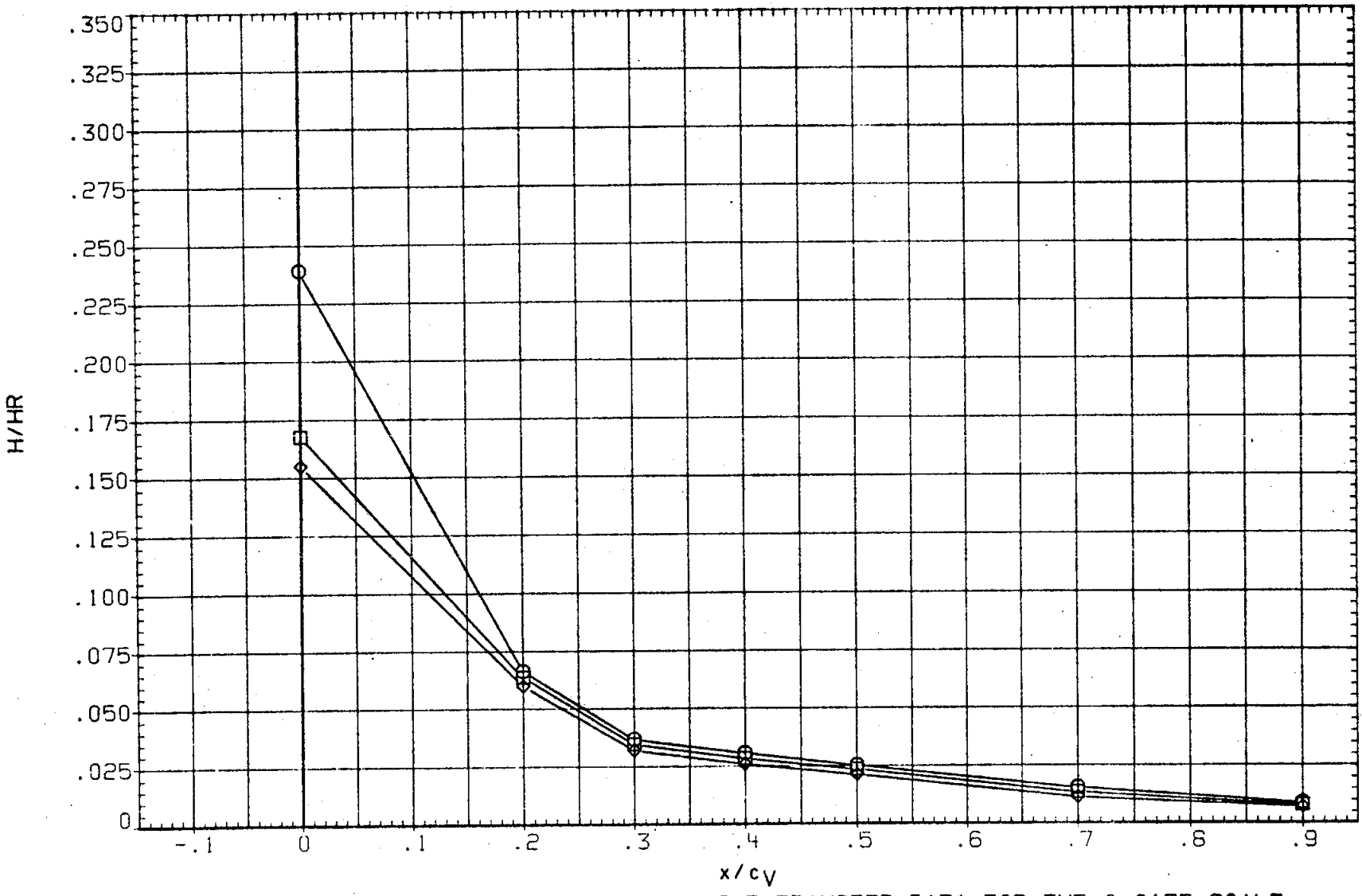


FIG. 16 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV03) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.575	.850	5.036
□	.999		
◇	2.009		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

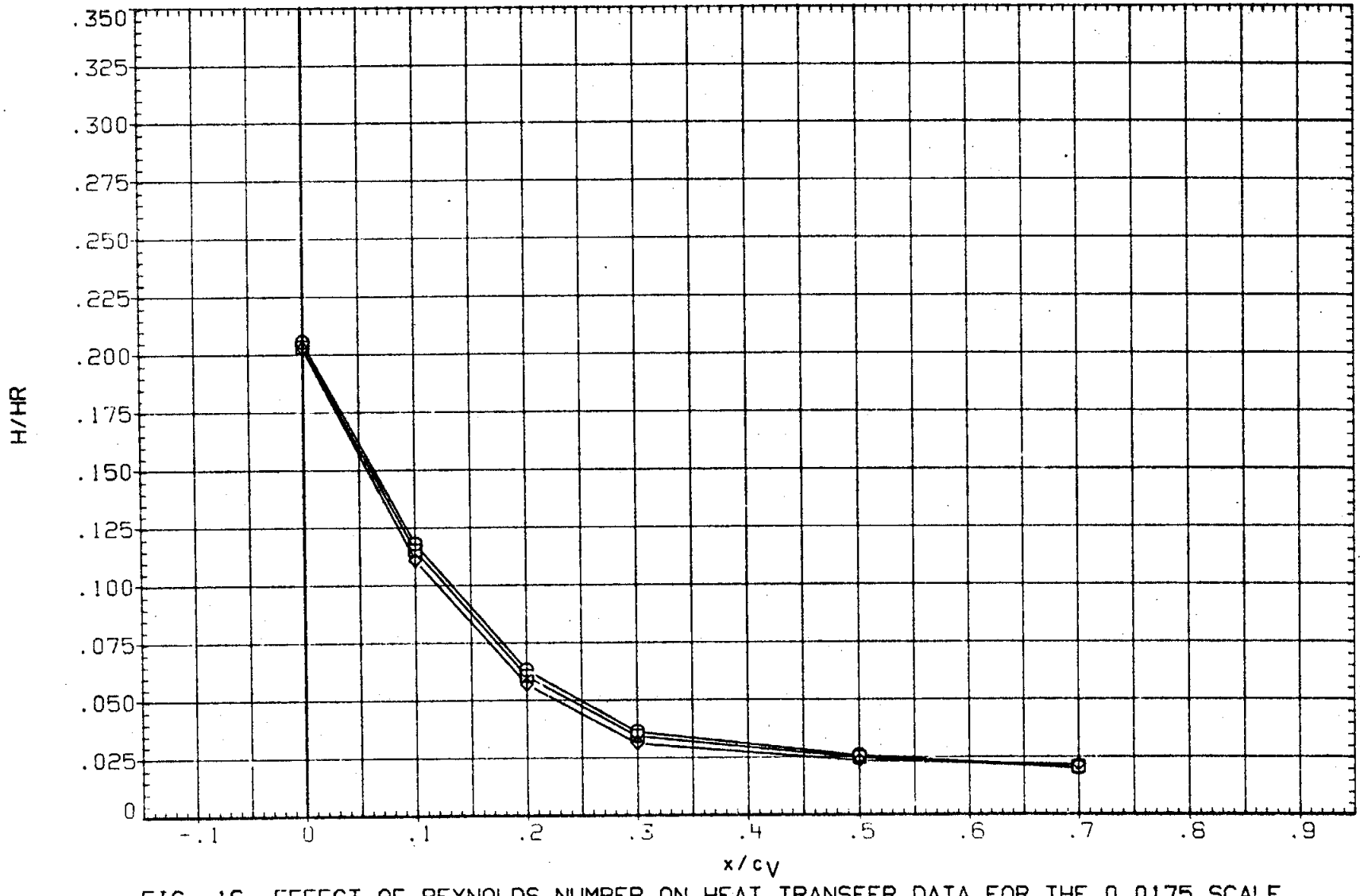


FIG. 16 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

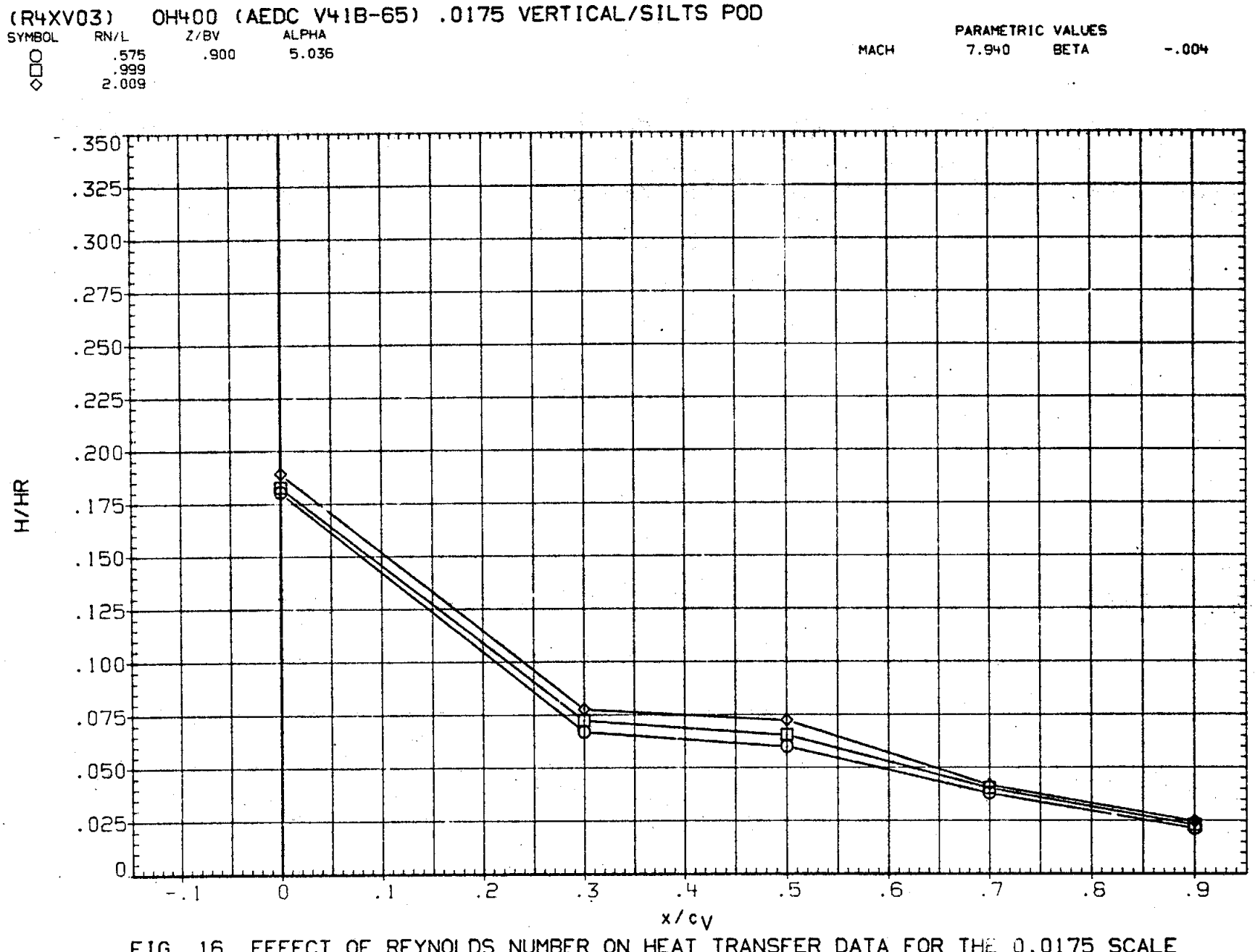


FIG. 16 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV03) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.575	.925	5.036
□	.999		
◇	2.009		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

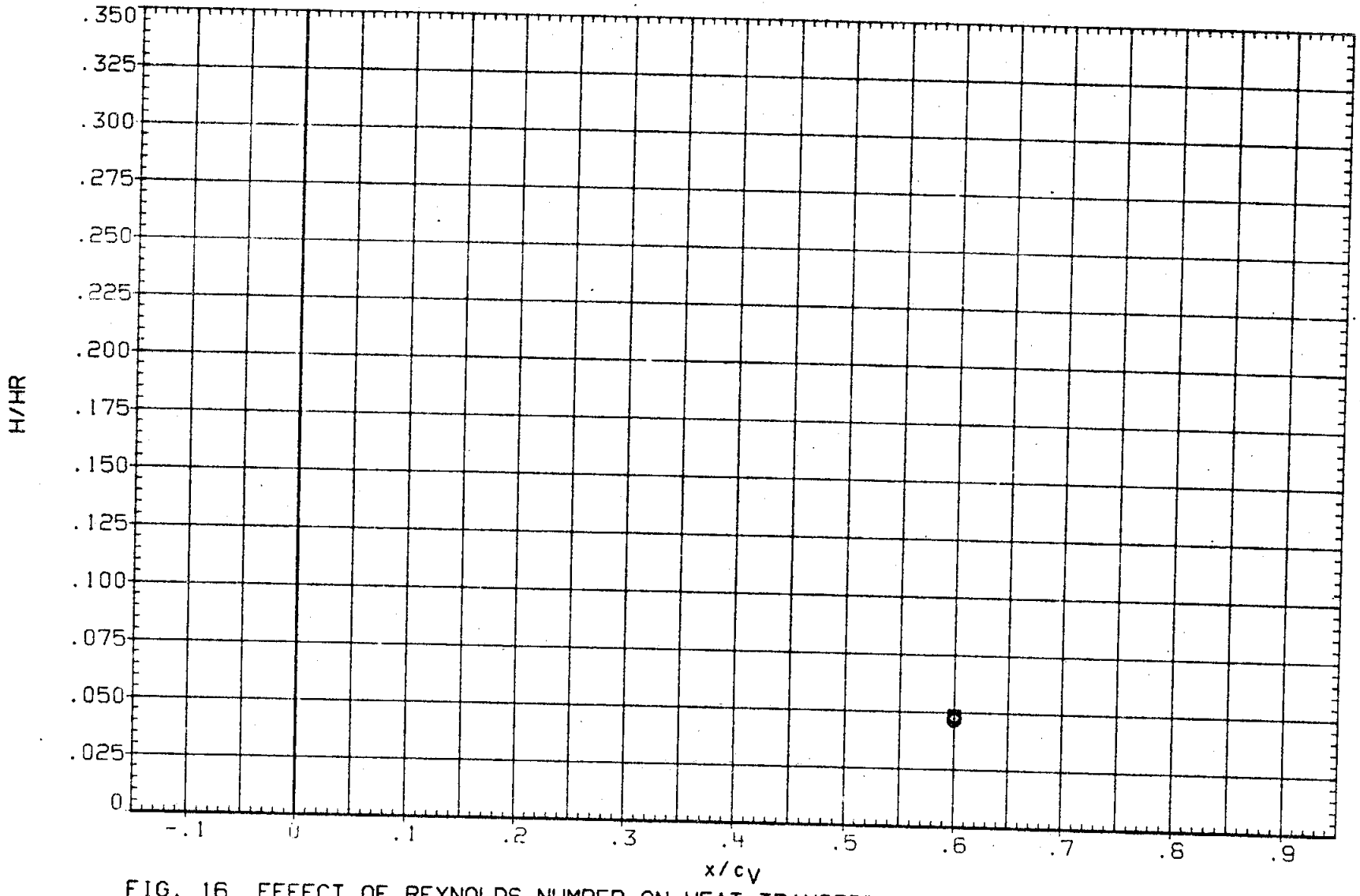


FIG. 16 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV03) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.575	.937	5.036
□	.999		
◇	2.009		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

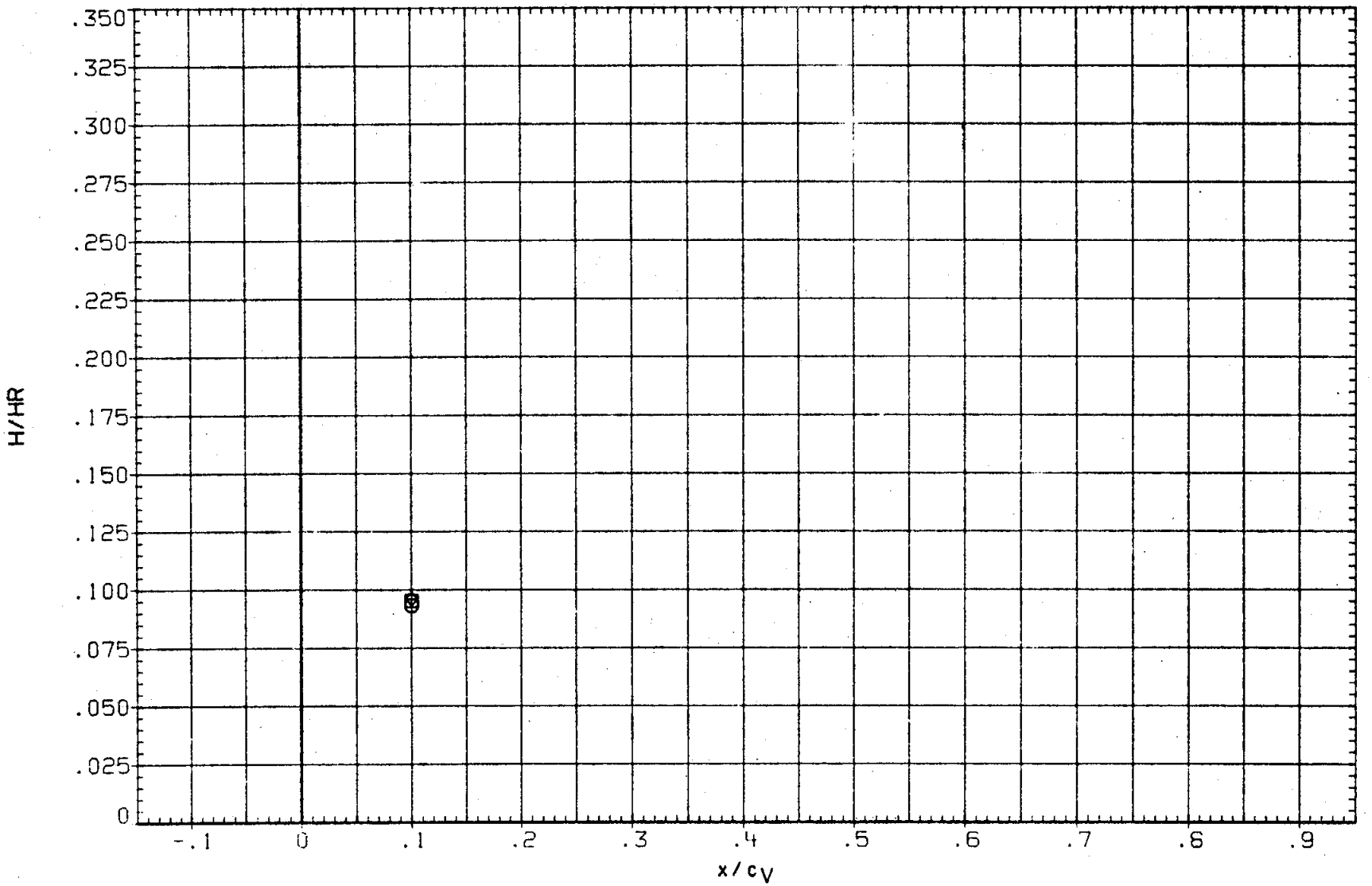


FIG. 16 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV03) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.575	.941	5.036
□	.999		
◇	2.009		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

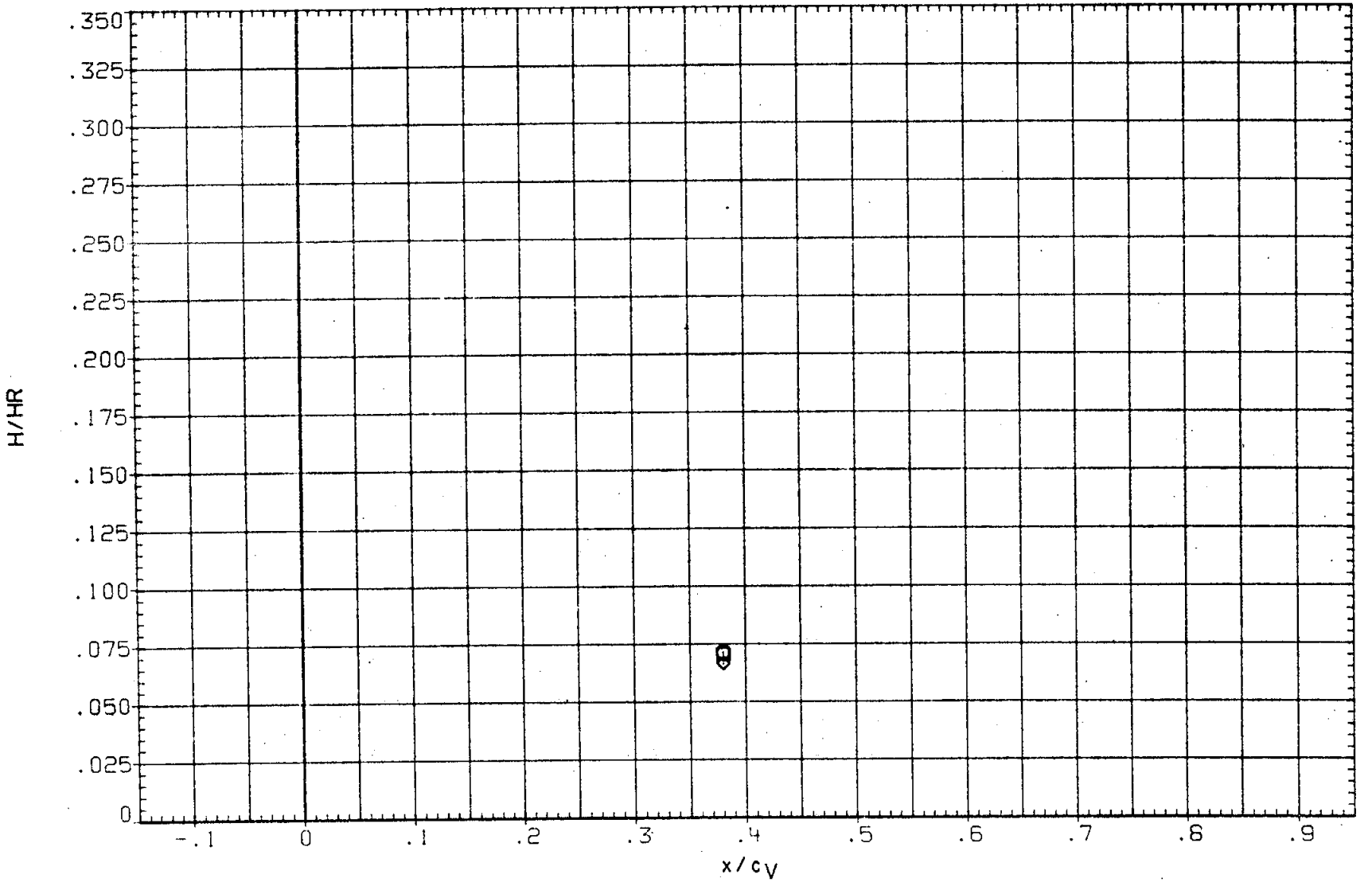


FIG. 16 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV03) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.575	.949	5.036
□	.999		
◇	2.009		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

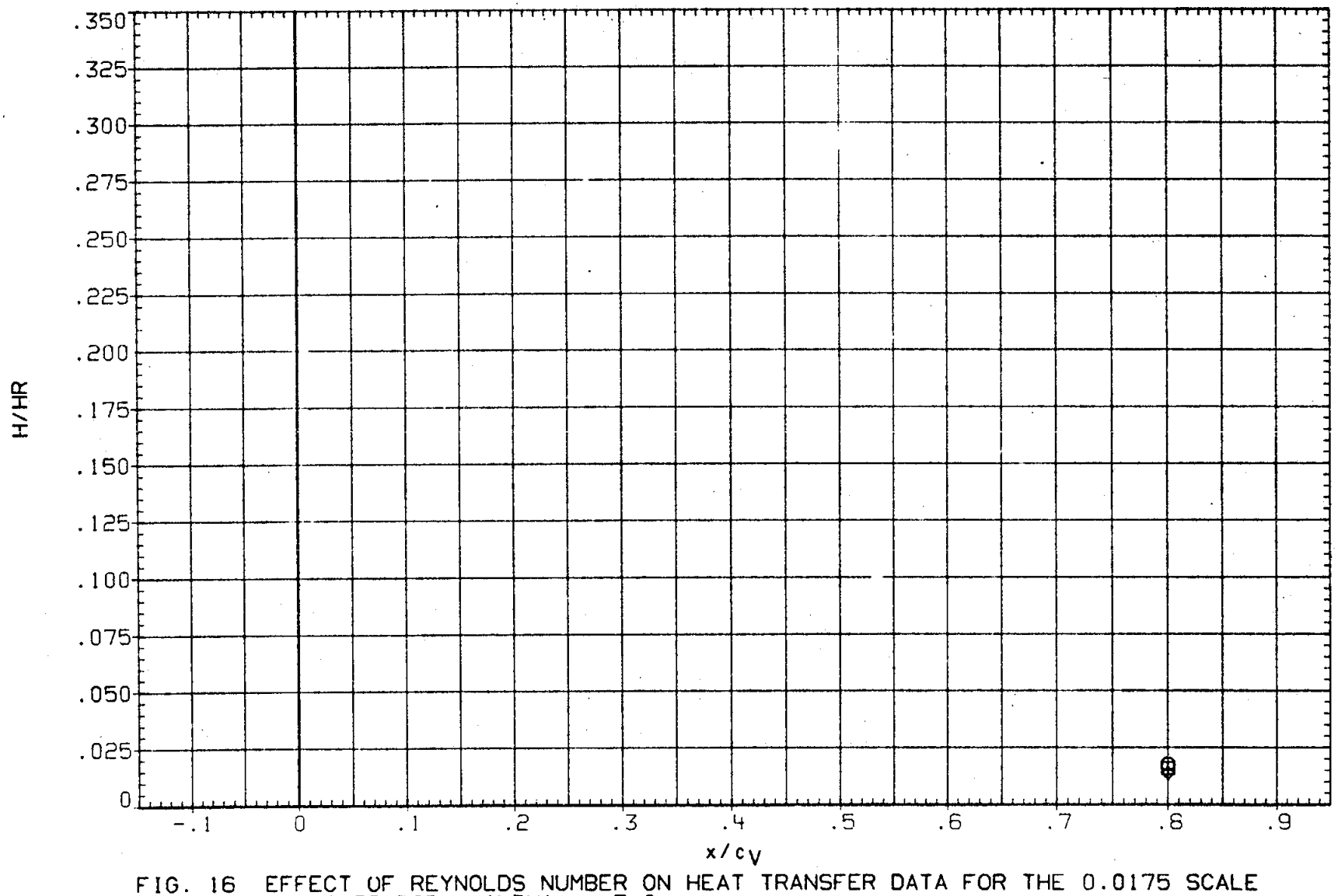


FIG. 16 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV03) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.575	.973	5.036
□	.999		
◇	2.009		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

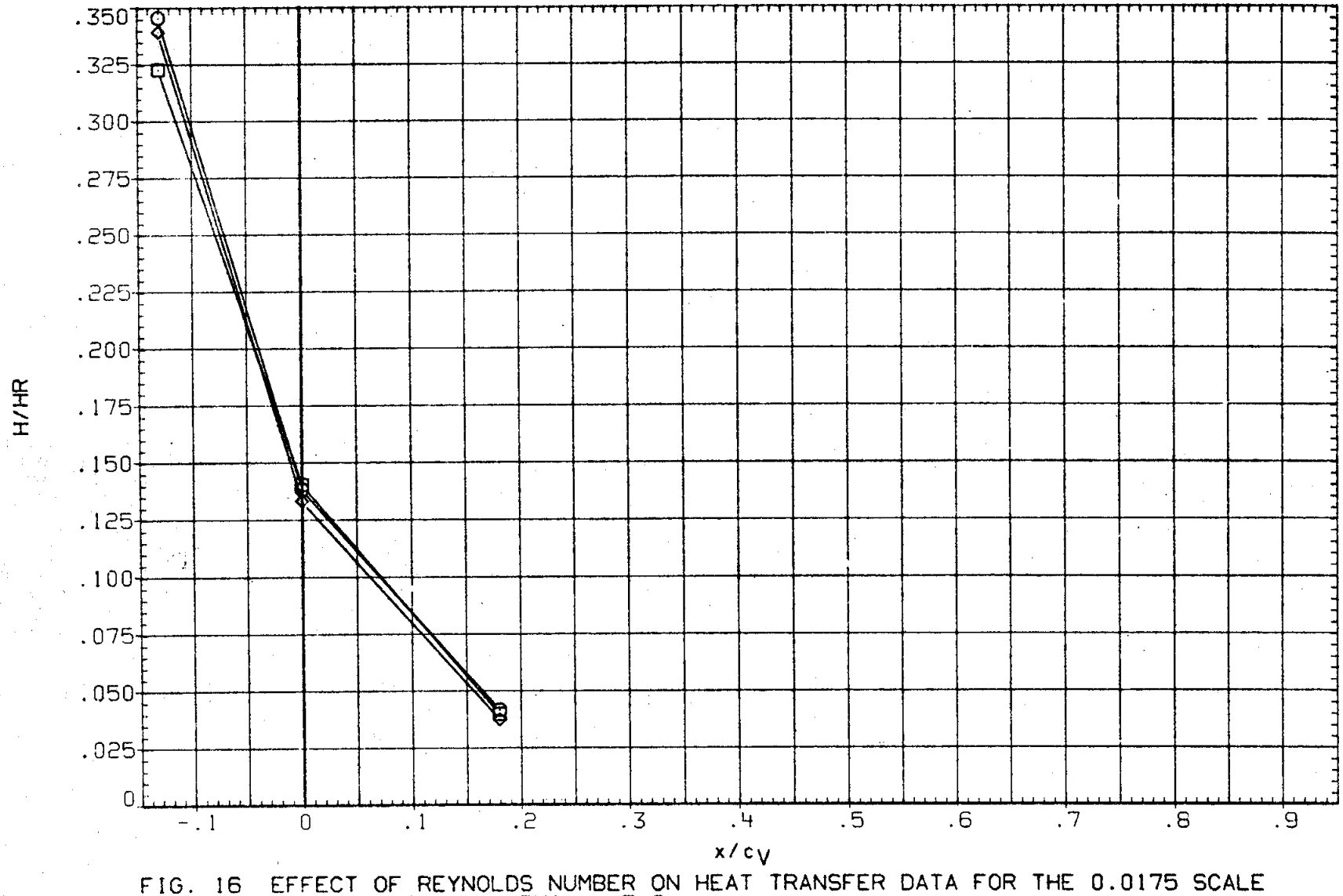


FIG. 16 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV03) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.575	1.000	5.036
□	.999		
◇	2.009		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

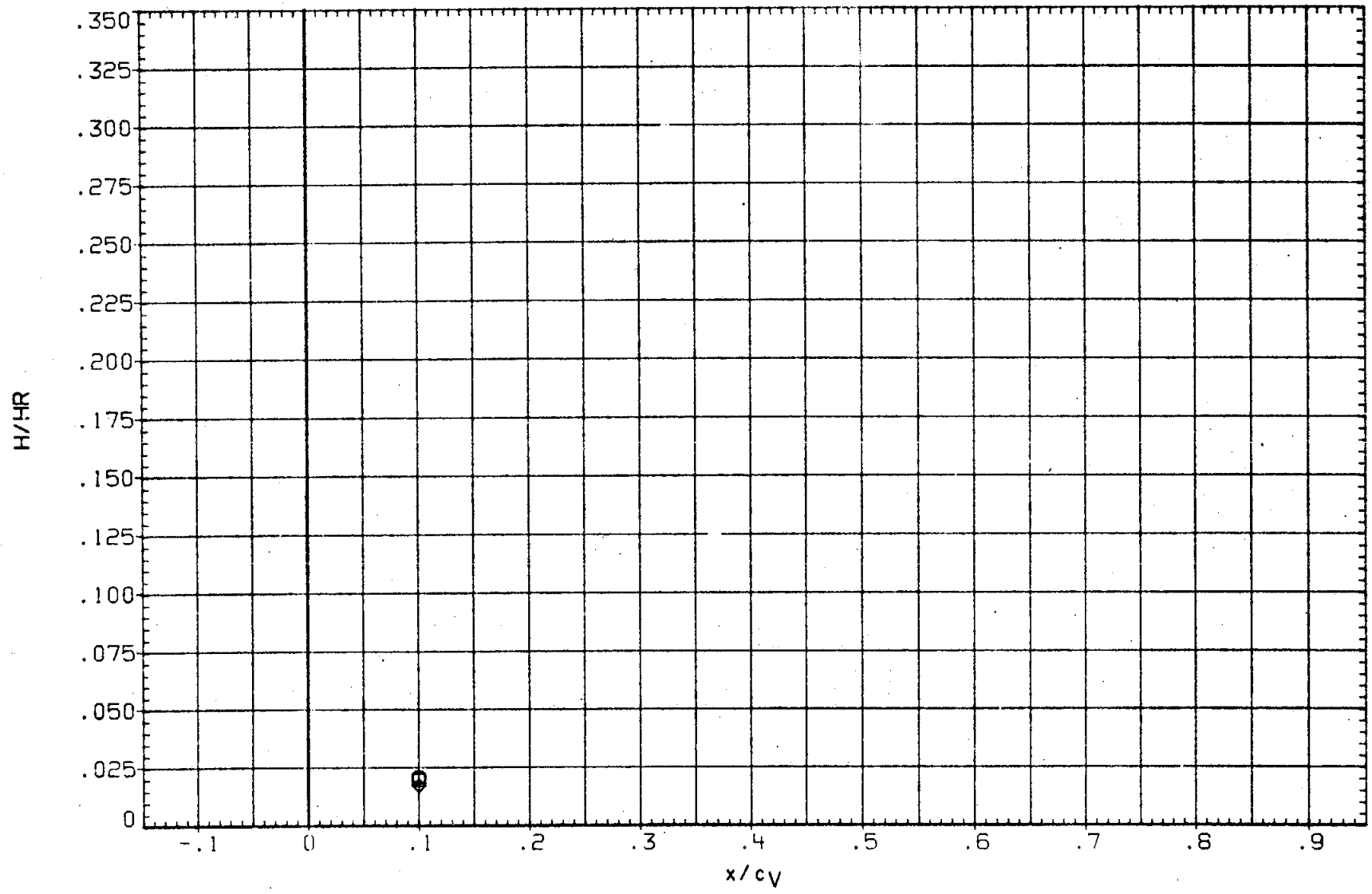


FIG. 16 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV04) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.700	5.032
□	1.014		
◇	2.008		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

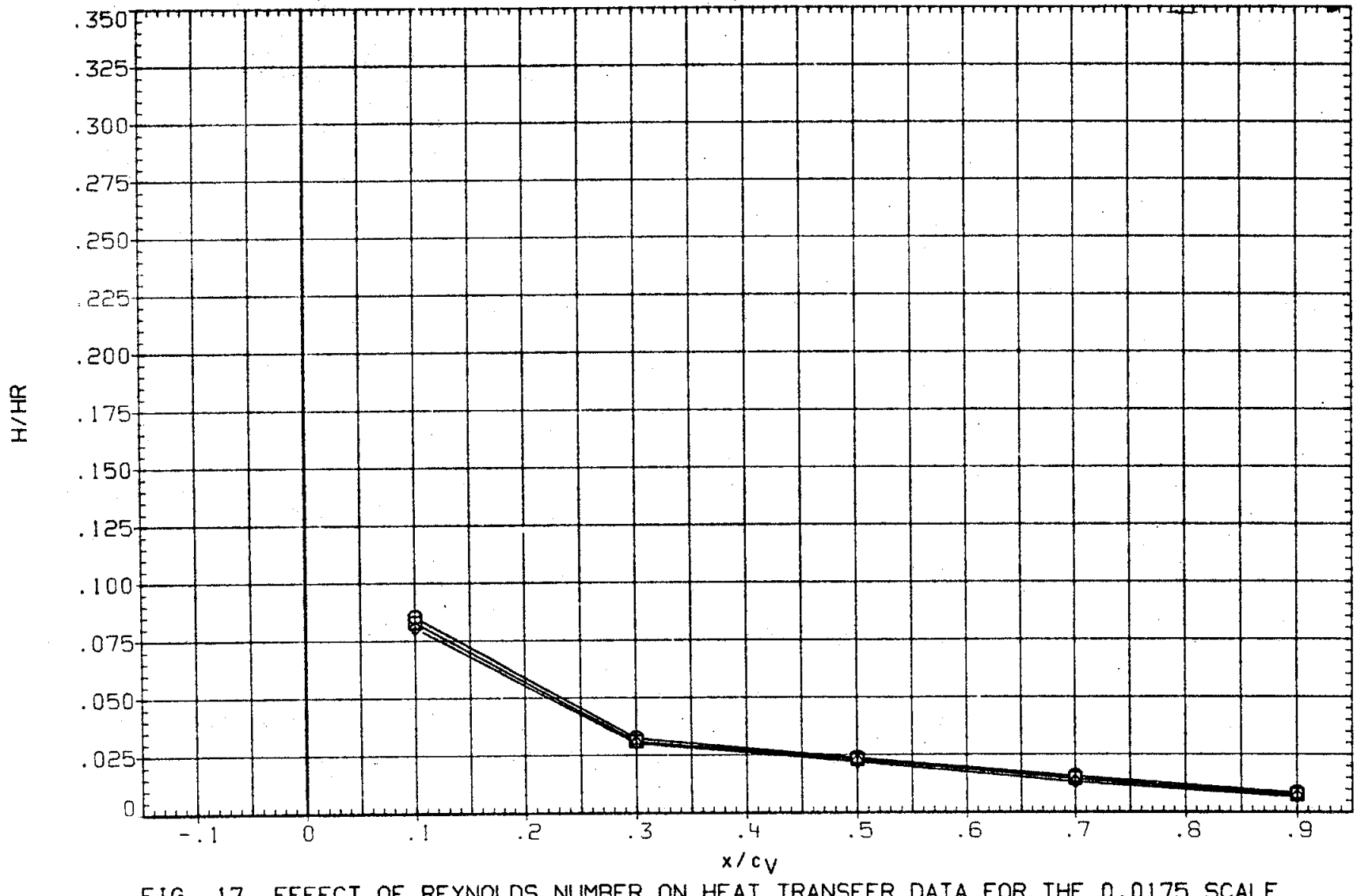


FIG. 17 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

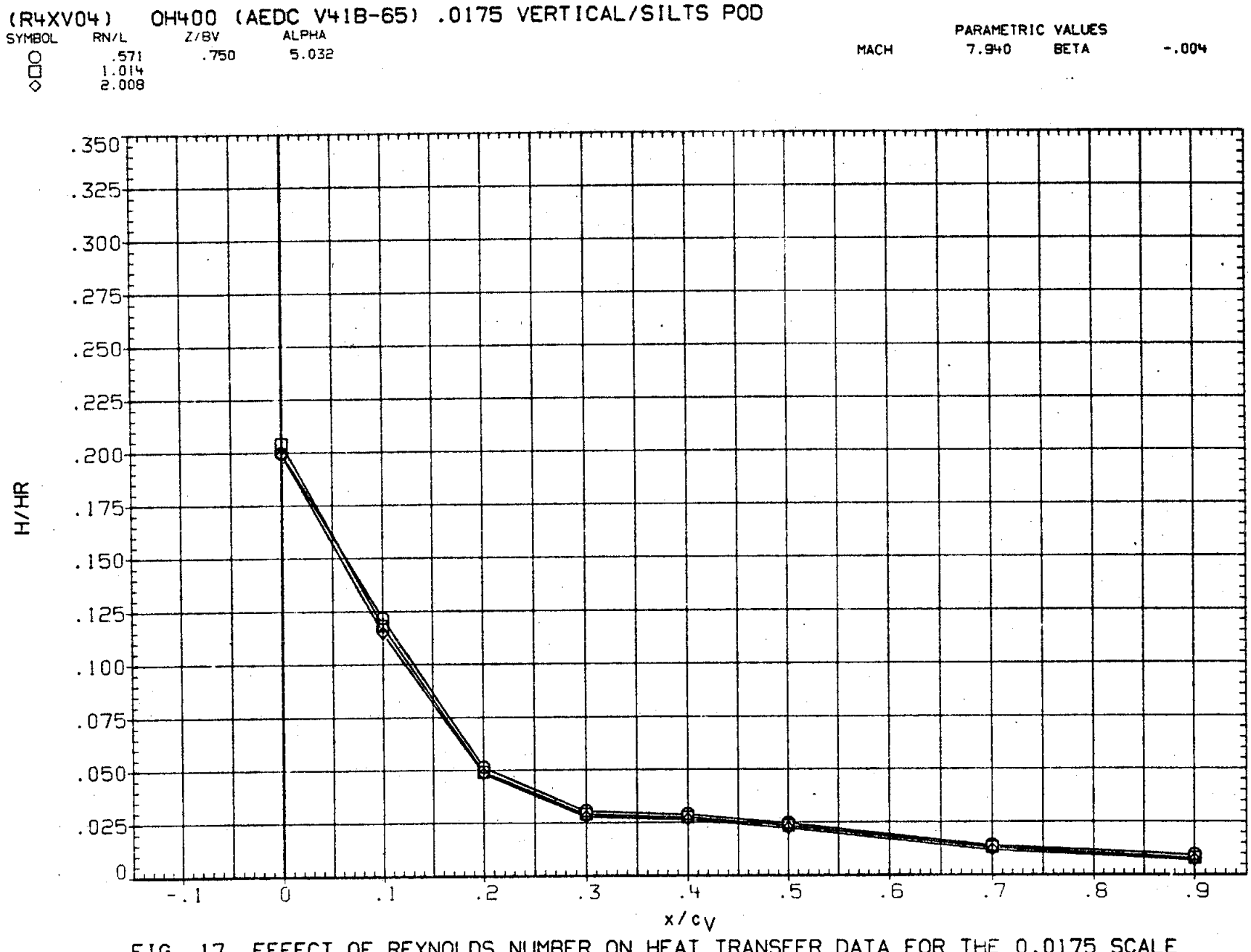


FIG. 17 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV04) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.800	5.032
□	1.014		
◇	2.008		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

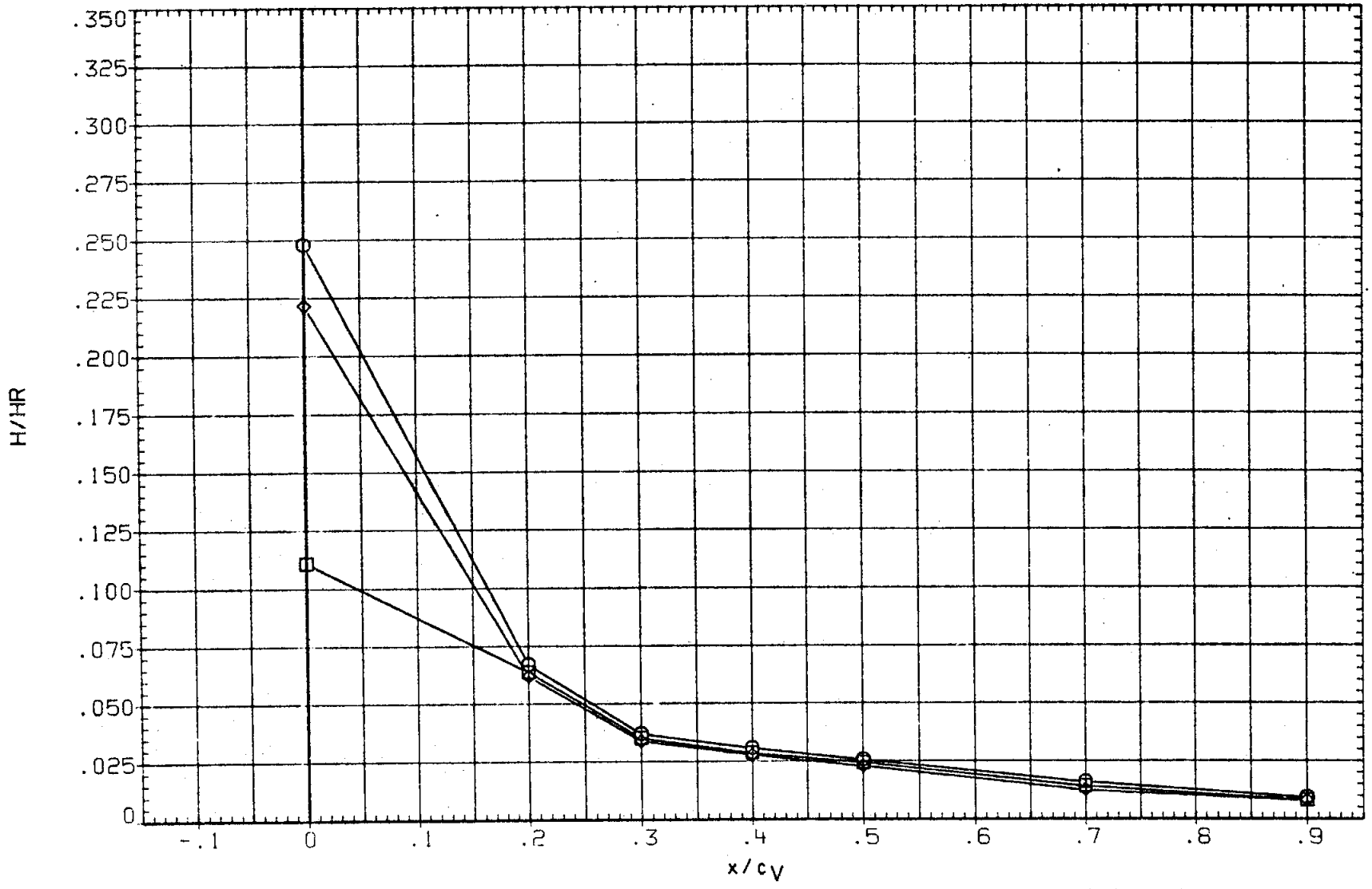


FIG. 17 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV04) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.850	5.032
□	1.014		
◇	2.008		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

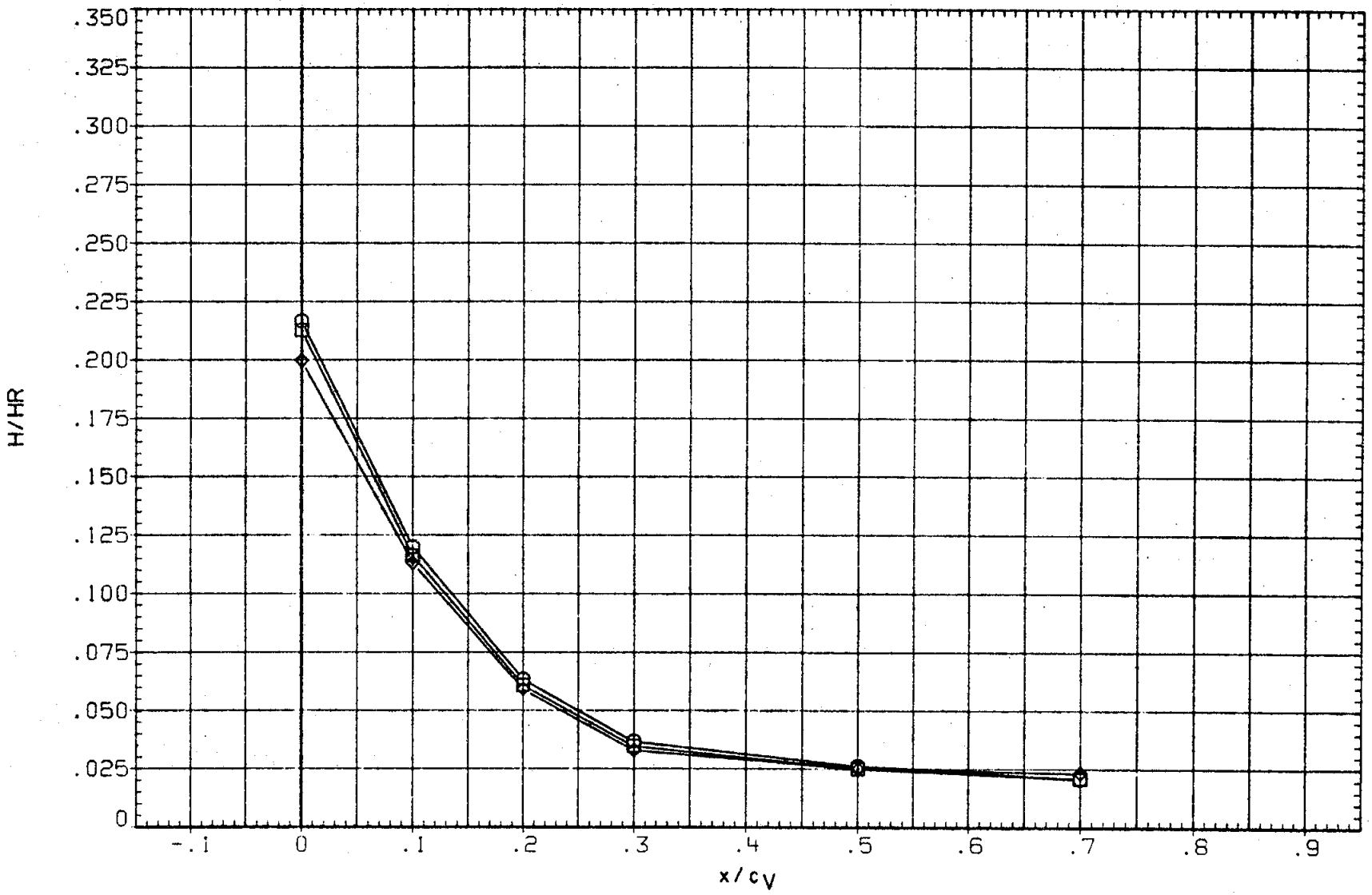


FIG. 17 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV04) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.900	5.032
□	1.014		
◇	2.008		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

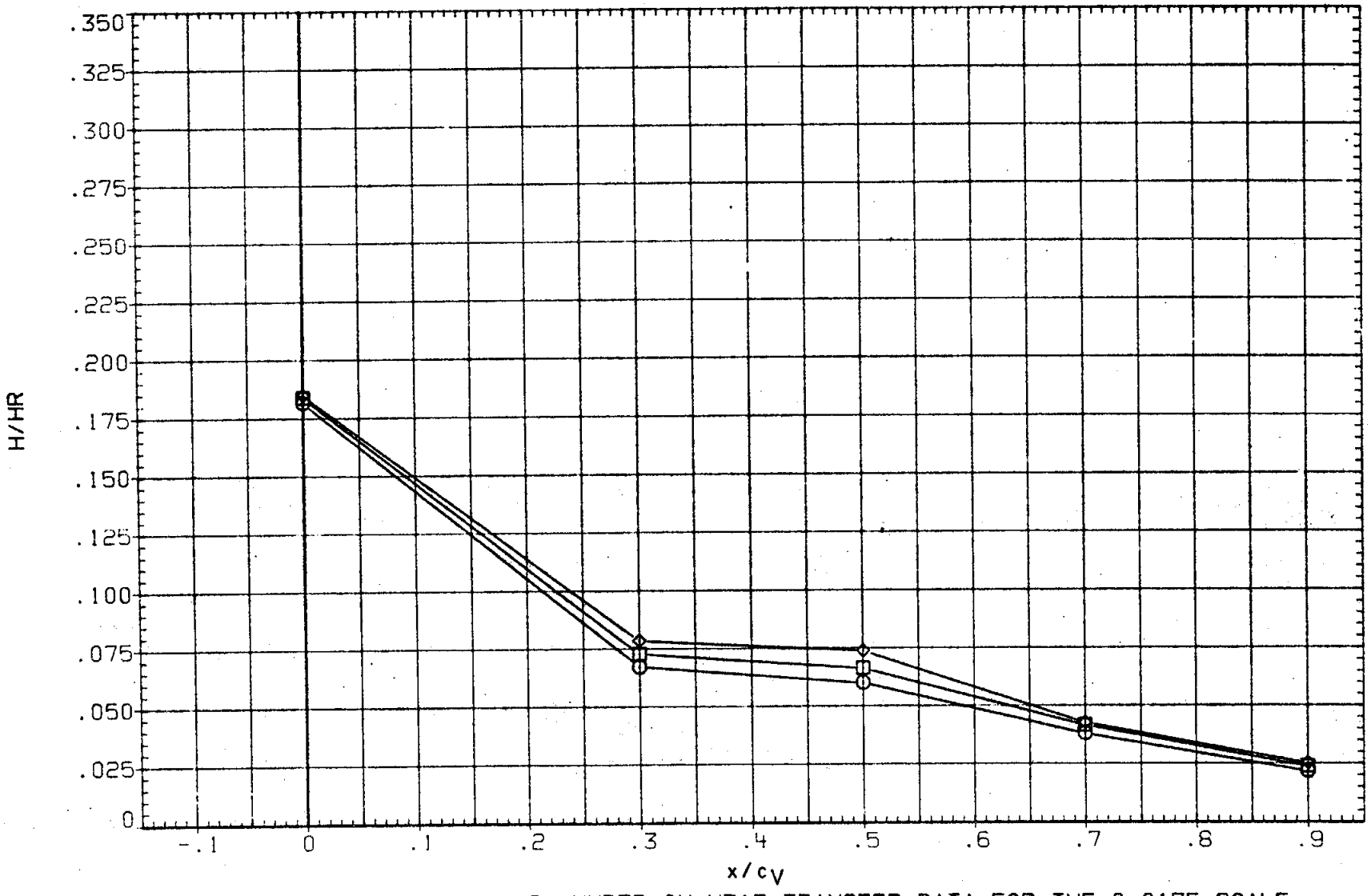


FIG. 17 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV04) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.925	5.032
□	1.014		
◇	2.008		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

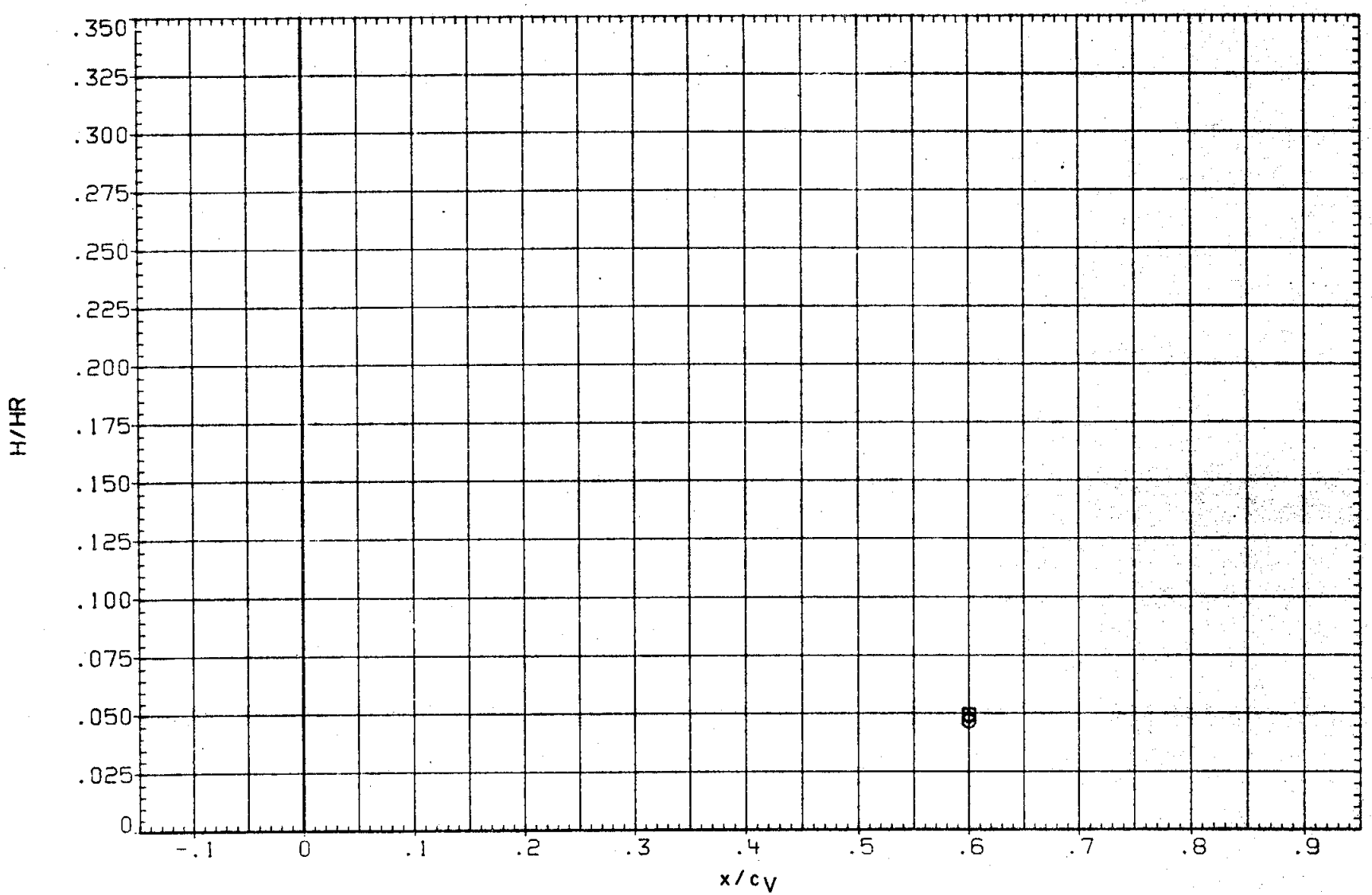


FIG. 17 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV04) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.937	5.032
□	1.014		
◇	2.008		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

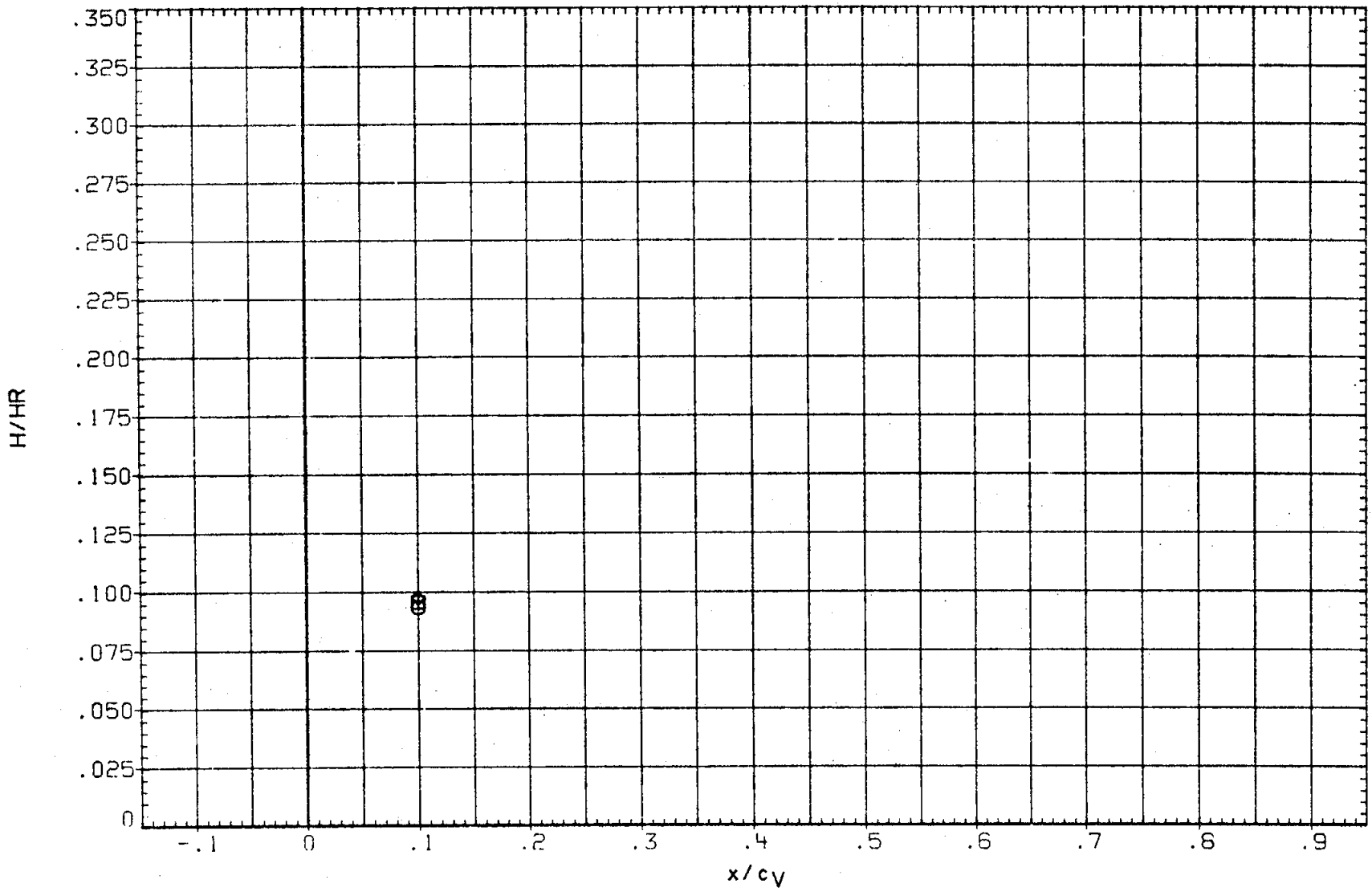


FIG. 17 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV04) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.941	5.032
□	1.014		
◇	2.008		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

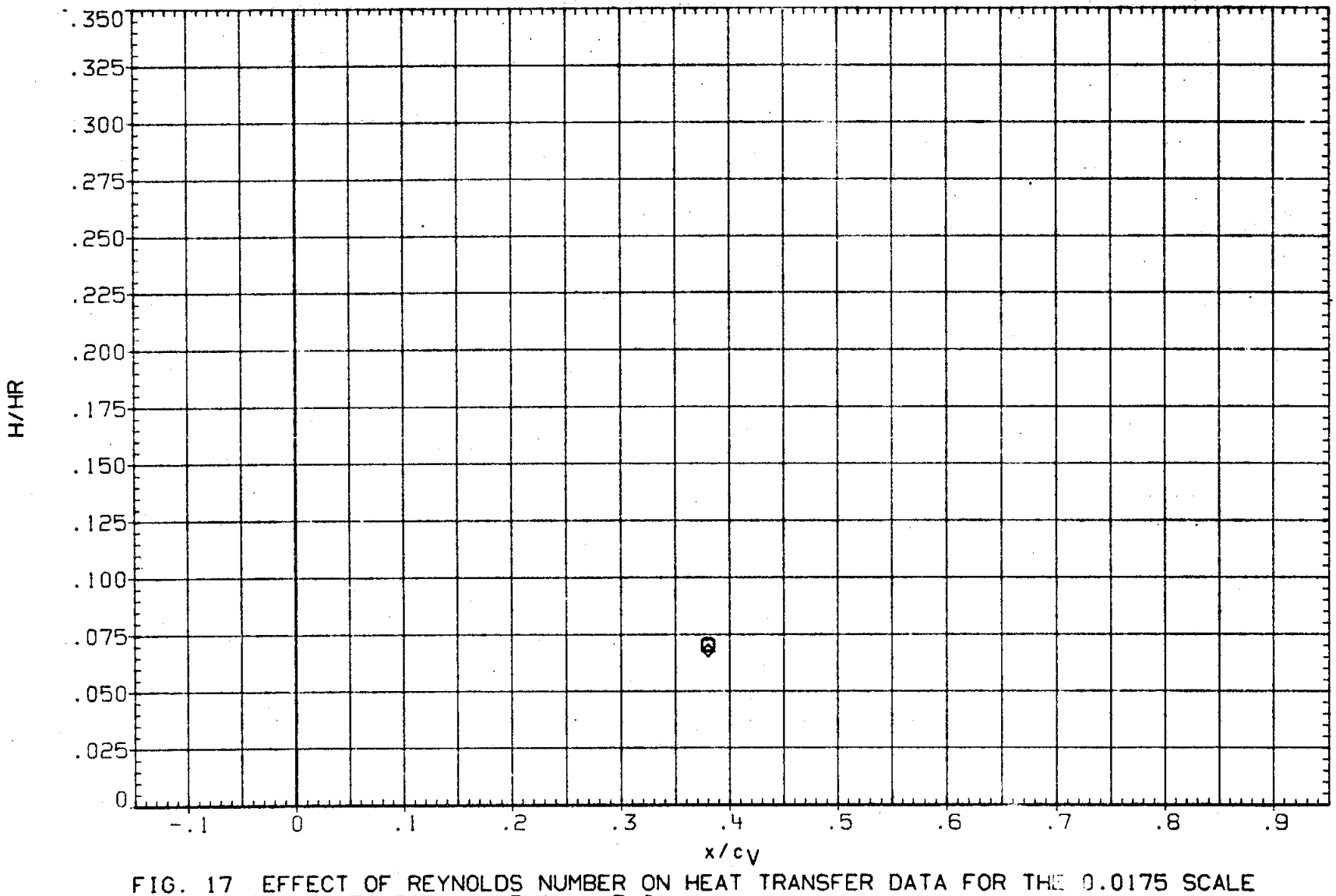


FIG. 17 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV04) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.949	5.032
□	1.014		
◇	2.008		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

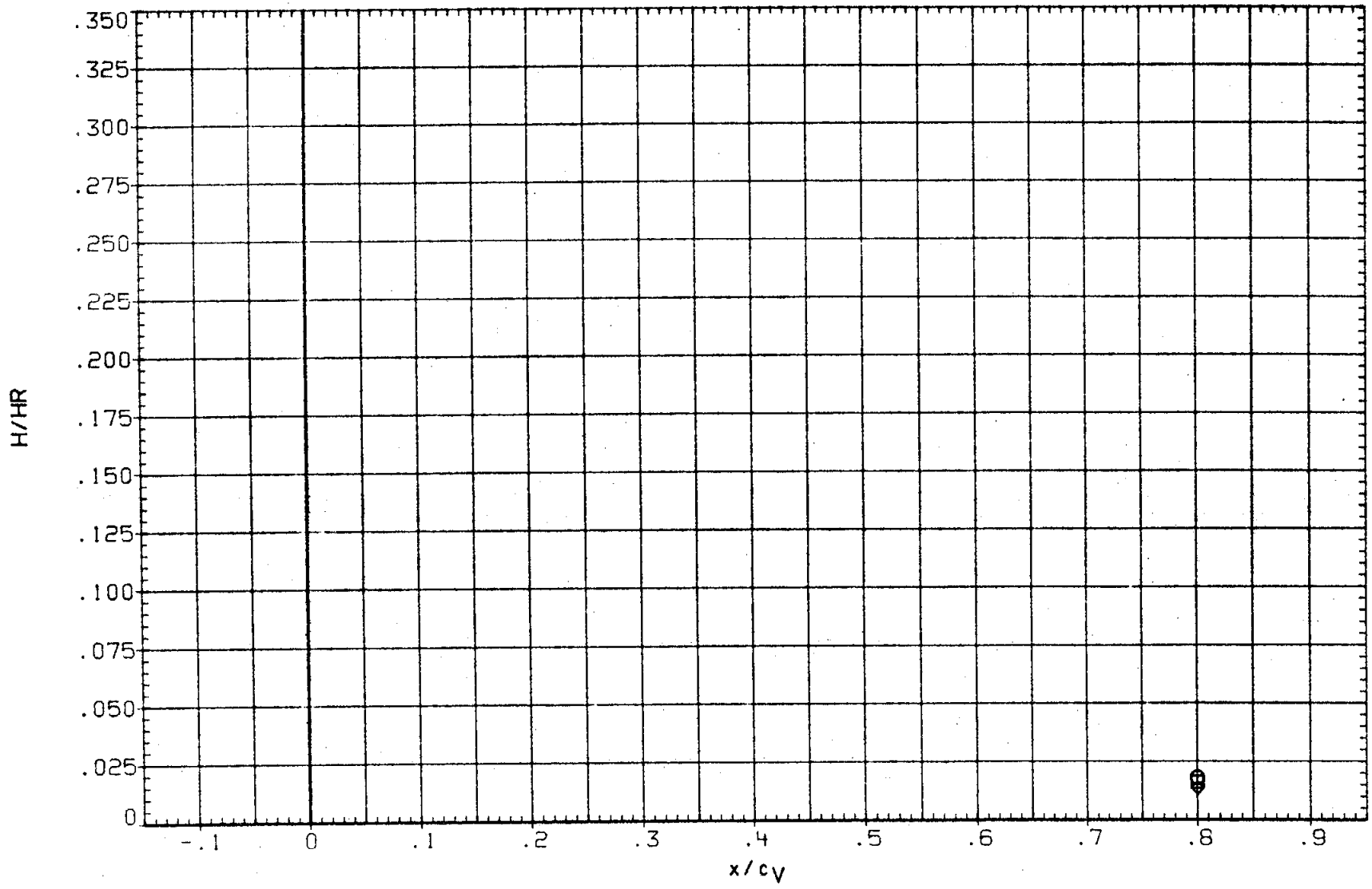


FIG. 17 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV04) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	.973	5.032
□	1.014		
◇	2.008		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

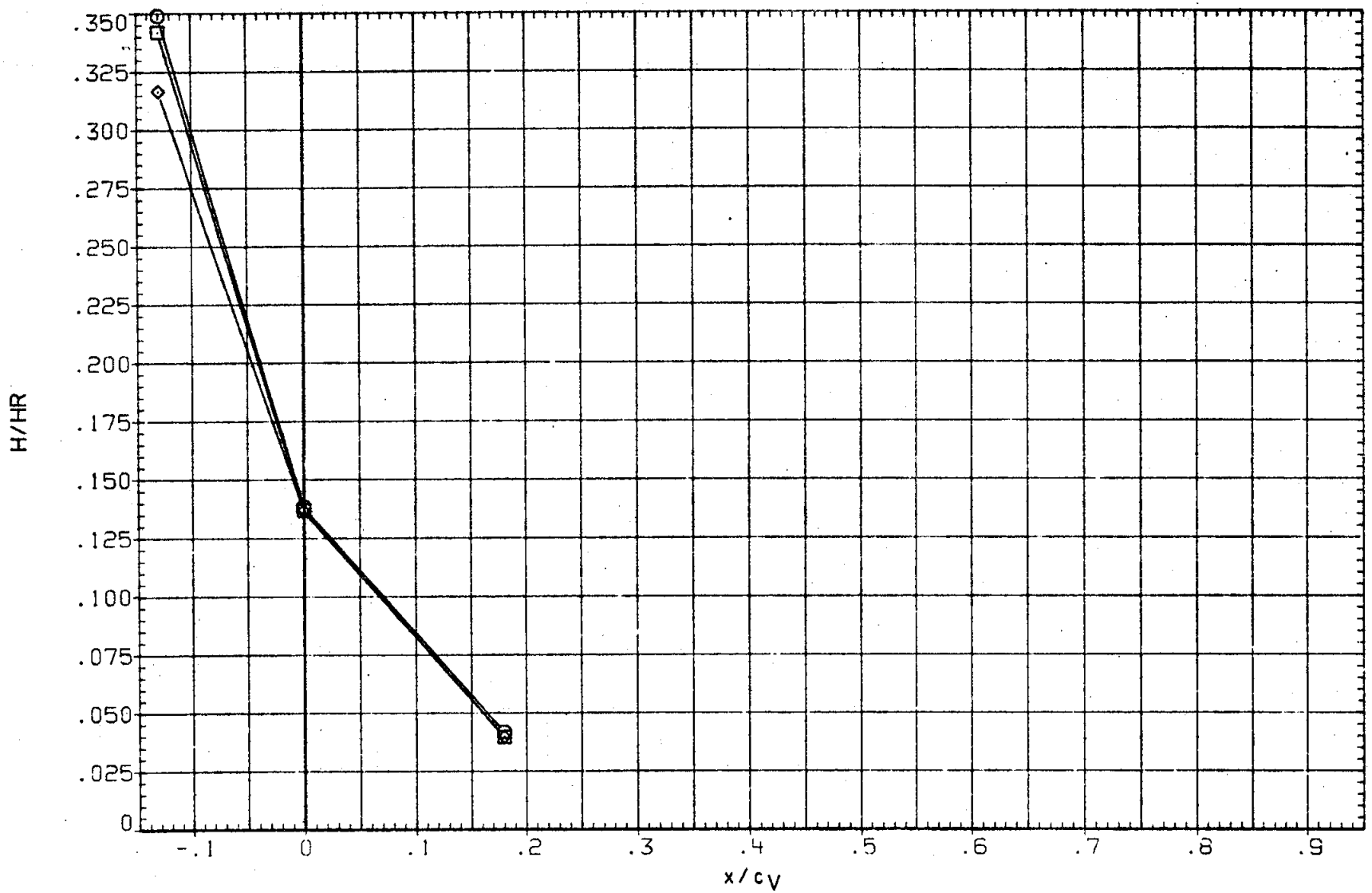


FIG. 17 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV04) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.571	1.000	5.032
□	1.014		
◇	2.008		

PARAMETRIC VALUES

MACH 7.940 BETA -.004

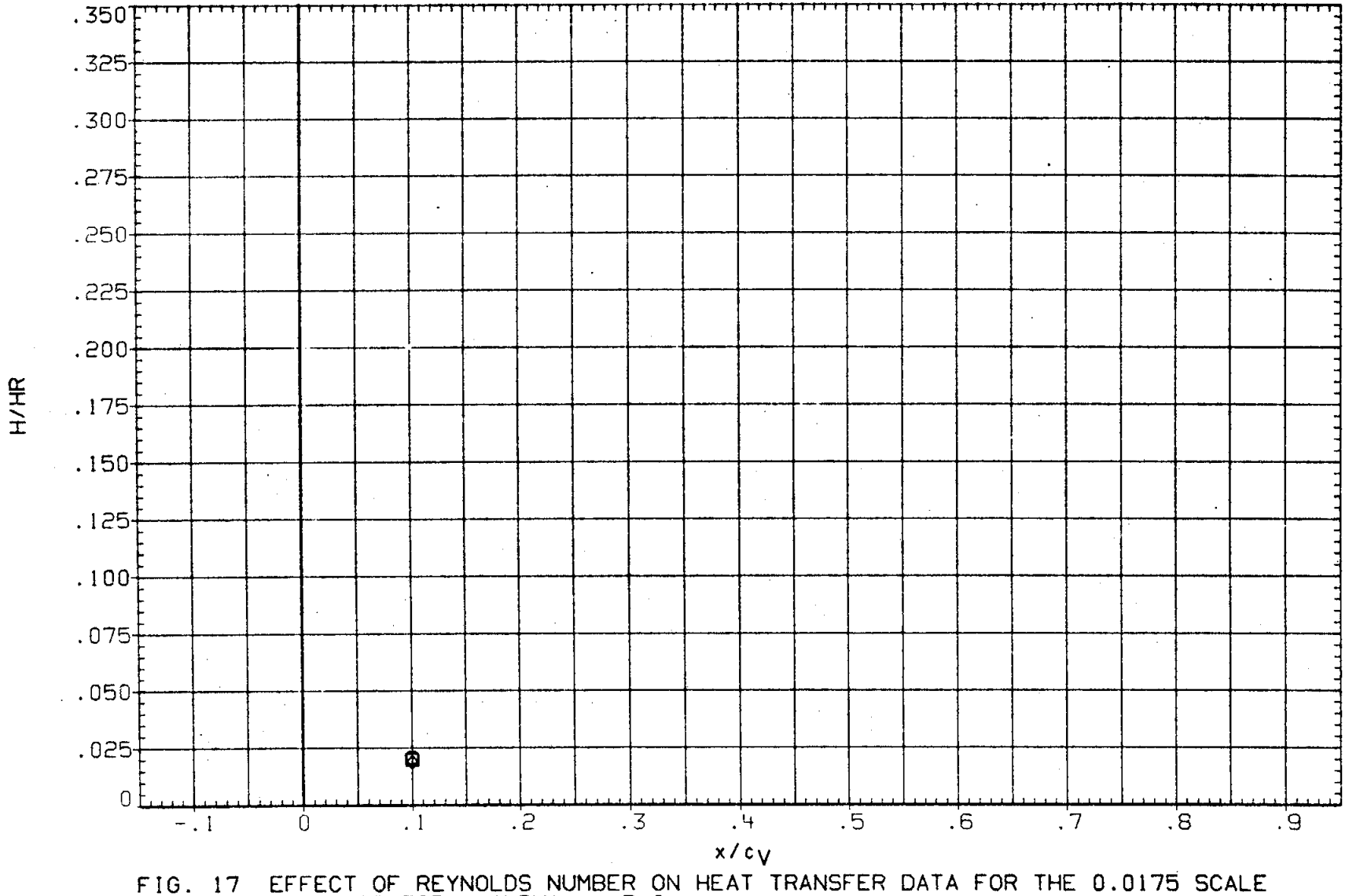


FIG. 17 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV05) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.679	.700	30.084

PARAMETRIC VALUES

MACH 8.000 BETA .007

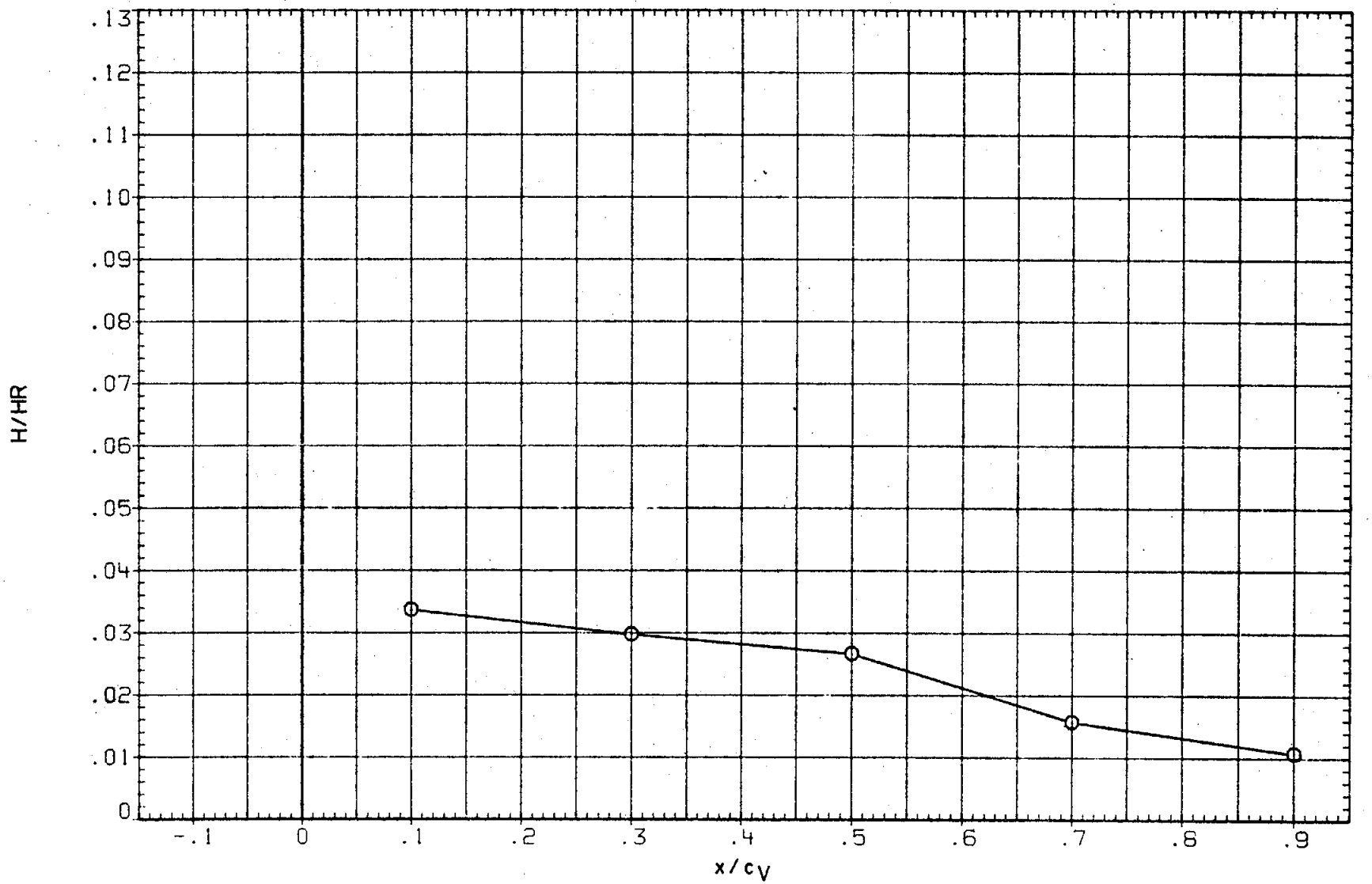


FIG. 18 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV05) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.679	.750	30.084

PARAMETRIC VALUES

MACH 8.000 BETA .007

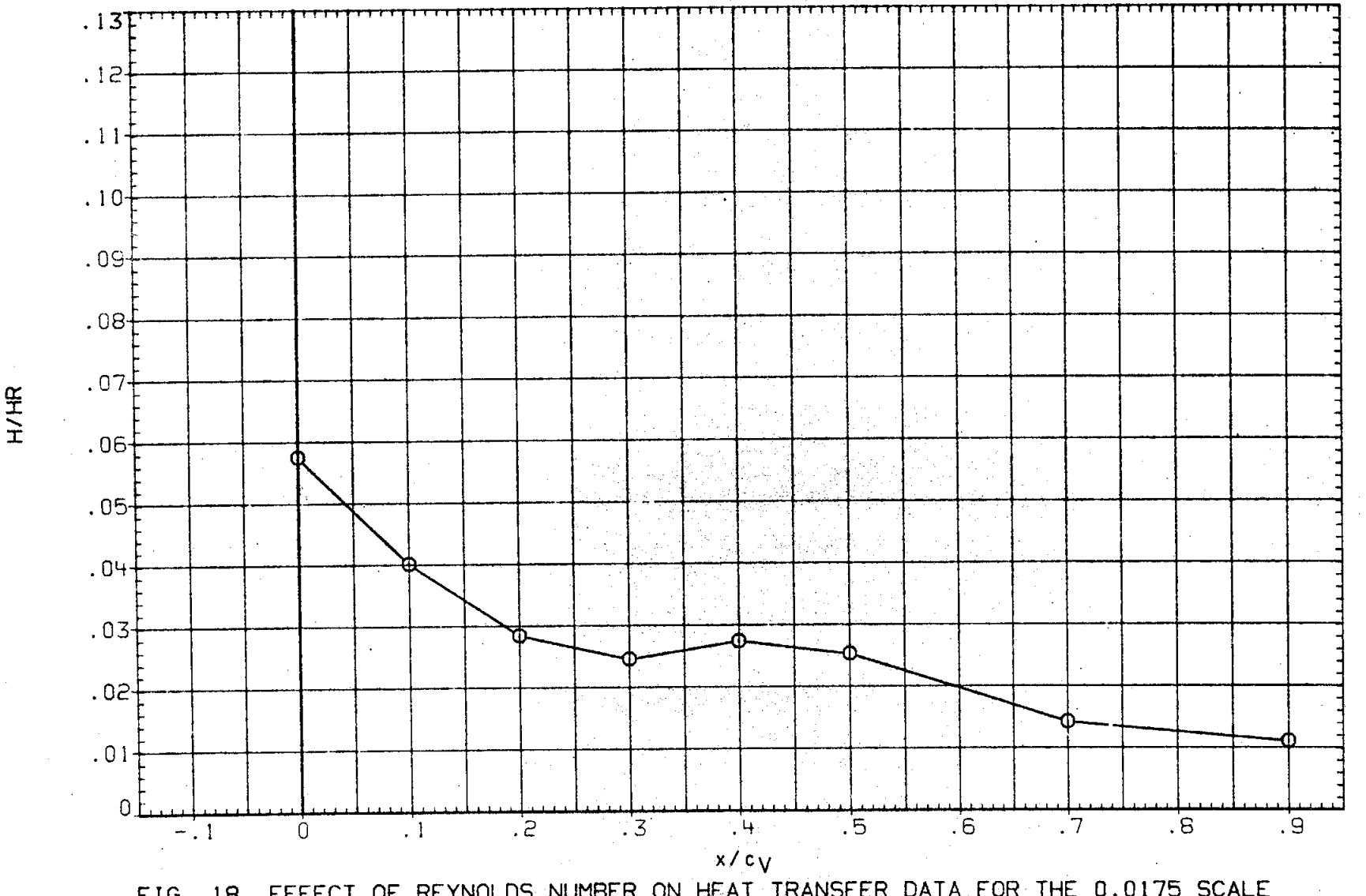


FIG. 18 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV05) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.679	.800	30.084

PARAMETRIC VALUES

MACH 8.000 BETA .007

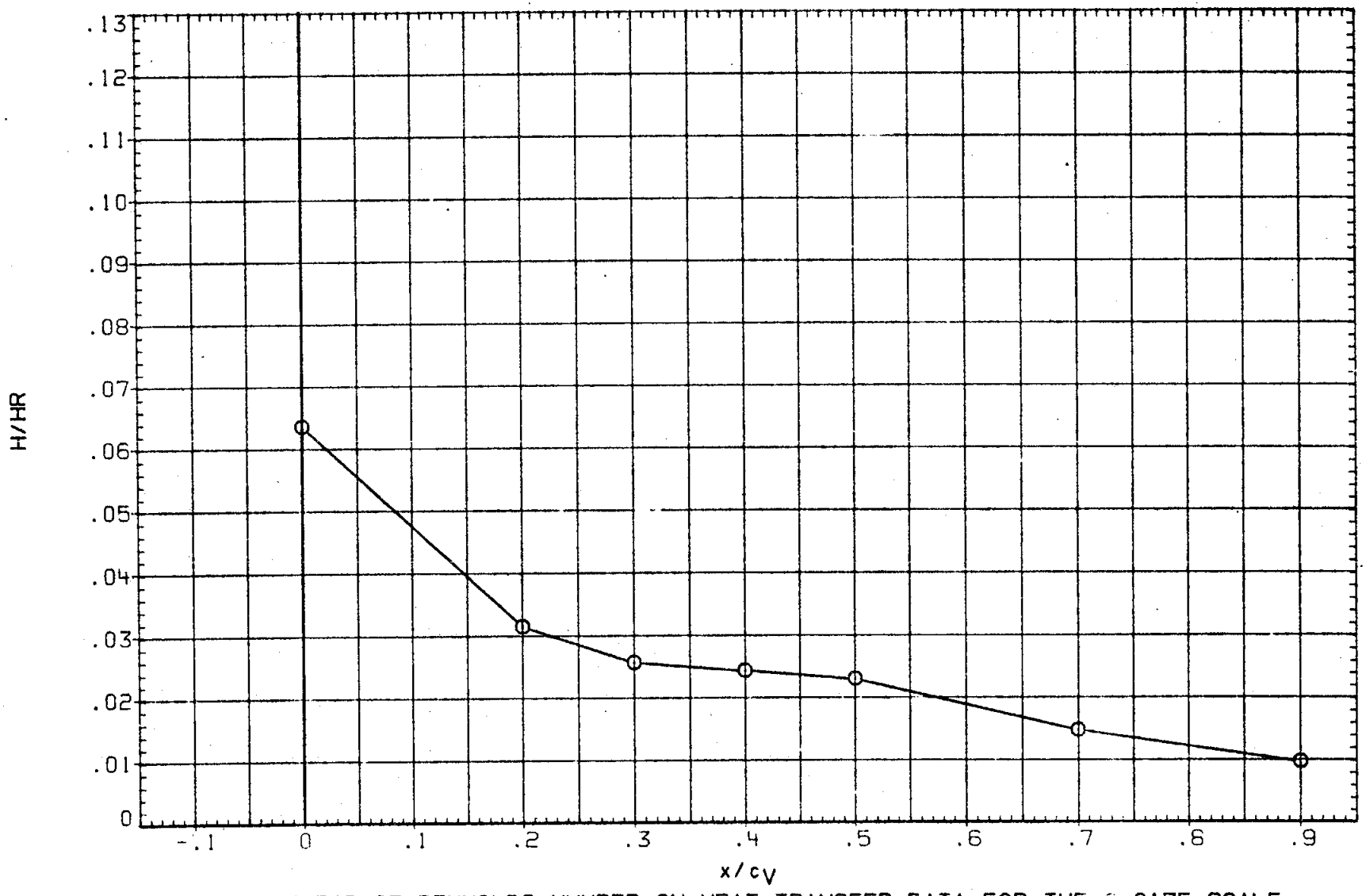


FIG. 18 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE .0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV05) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.679	.850	30.084

PARAMETRIC VALUES

MACH 8.000 BETA .007

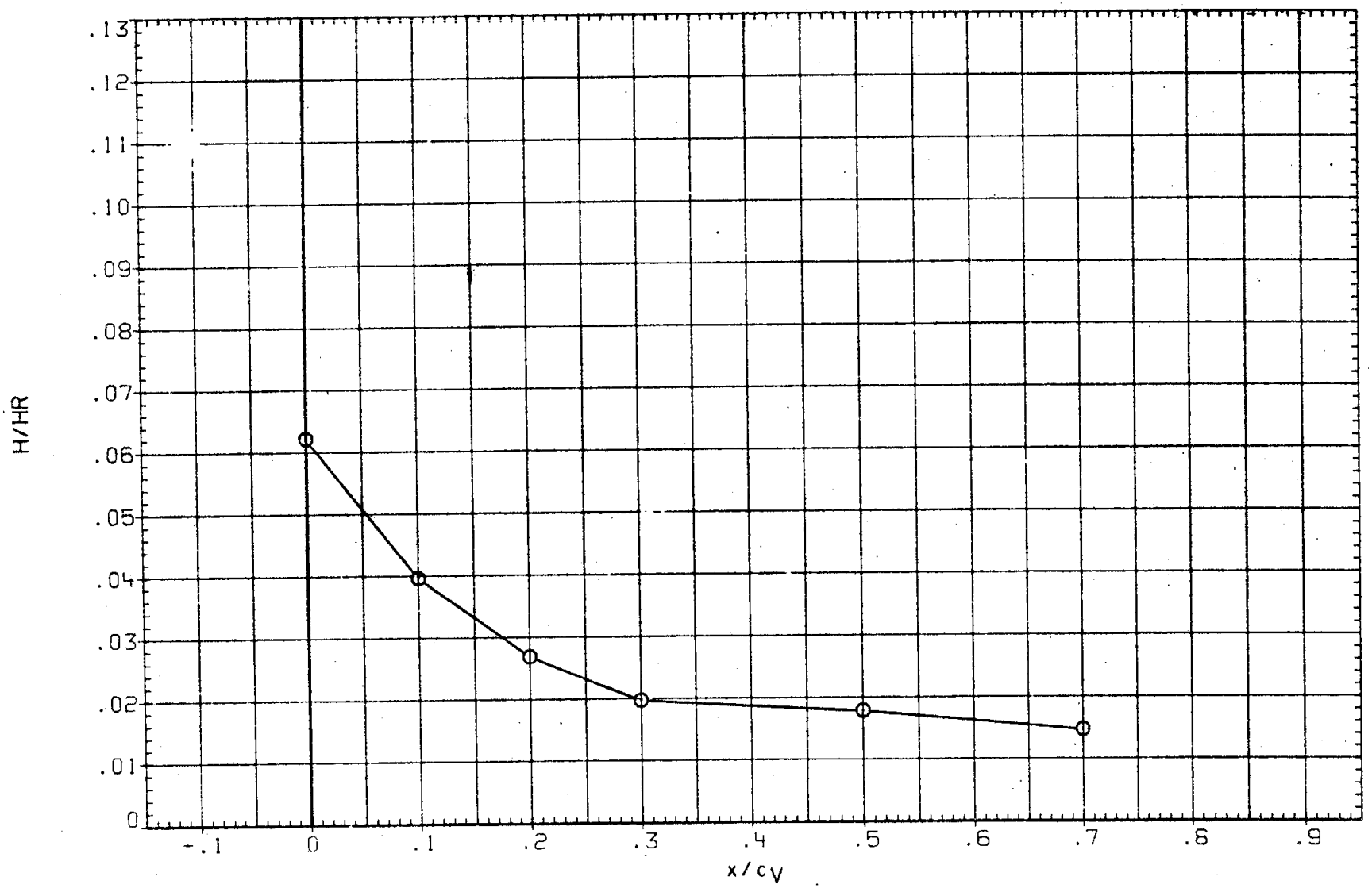


FIG. 18 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV05) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.679	.900	30.084

PARAMETRIC VALUES

MACH 8.000 BETA .007

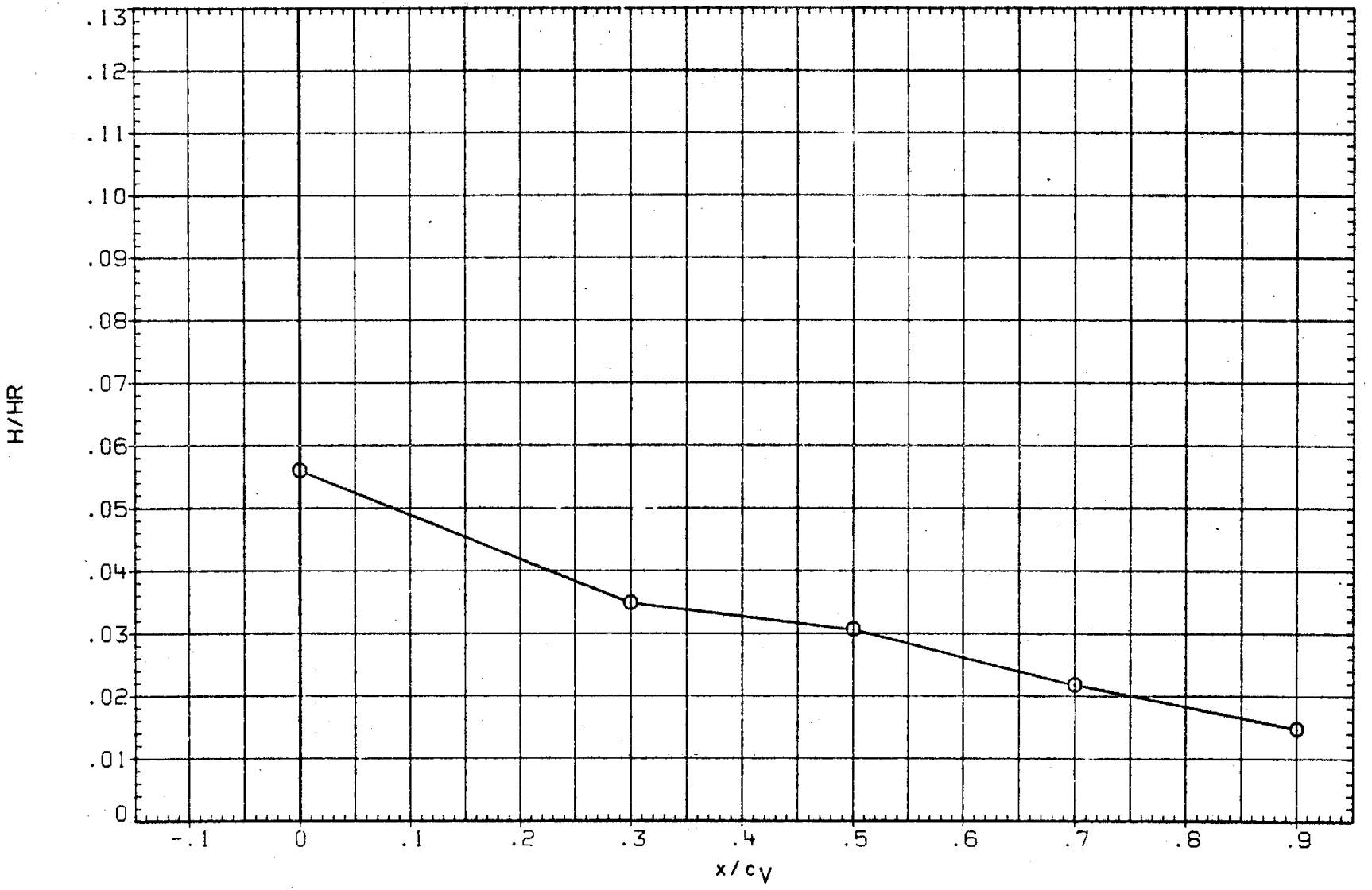


FIG. 18 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV05) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.679	.925	30.084

PARAMETRIC VALUES

MACH 8.000 BETA .007

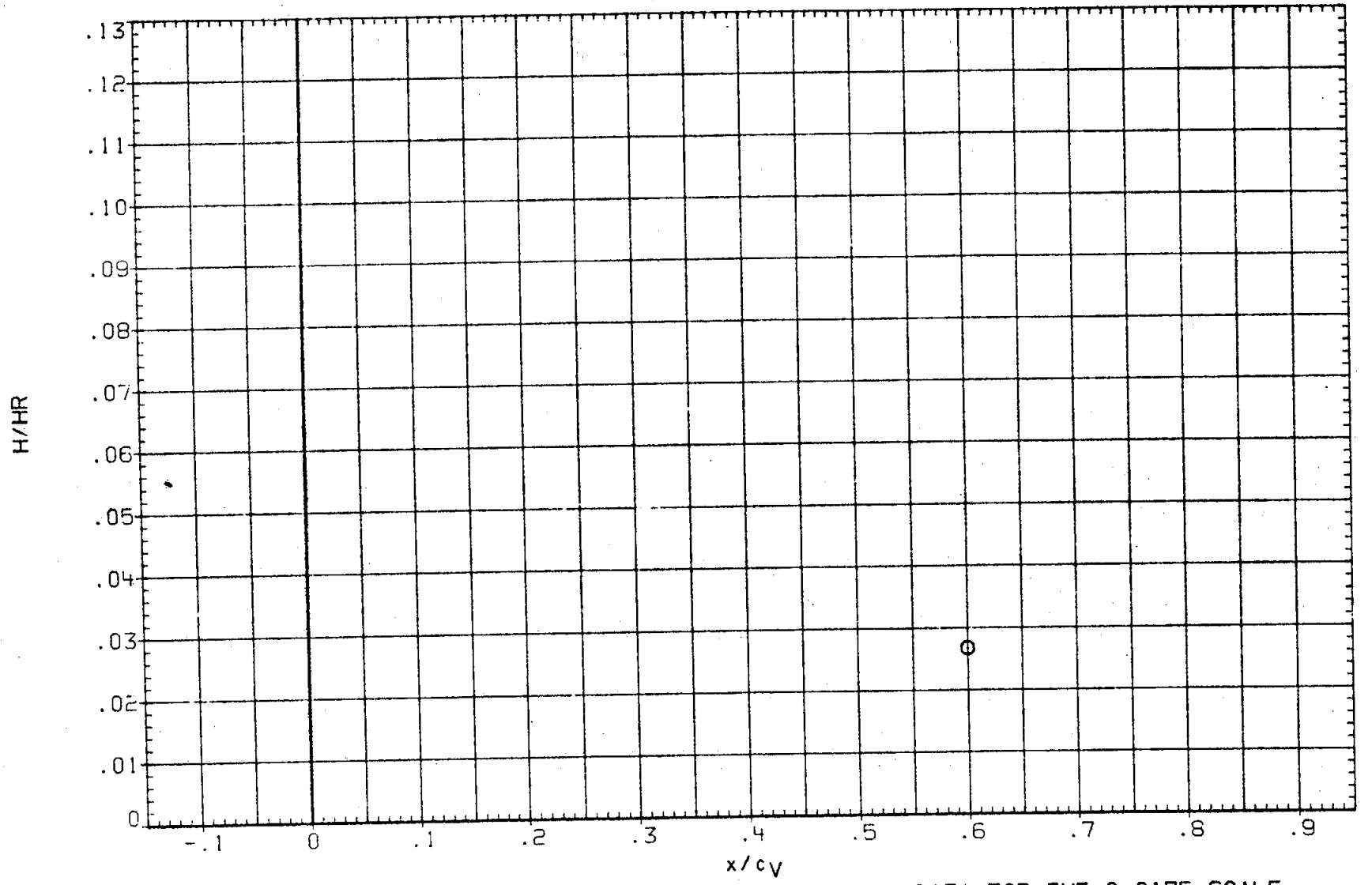


FIG. 18 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV05) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.679	.937	30.084

PARAMETRIC VALUES

MACH 8.000 BETA .007

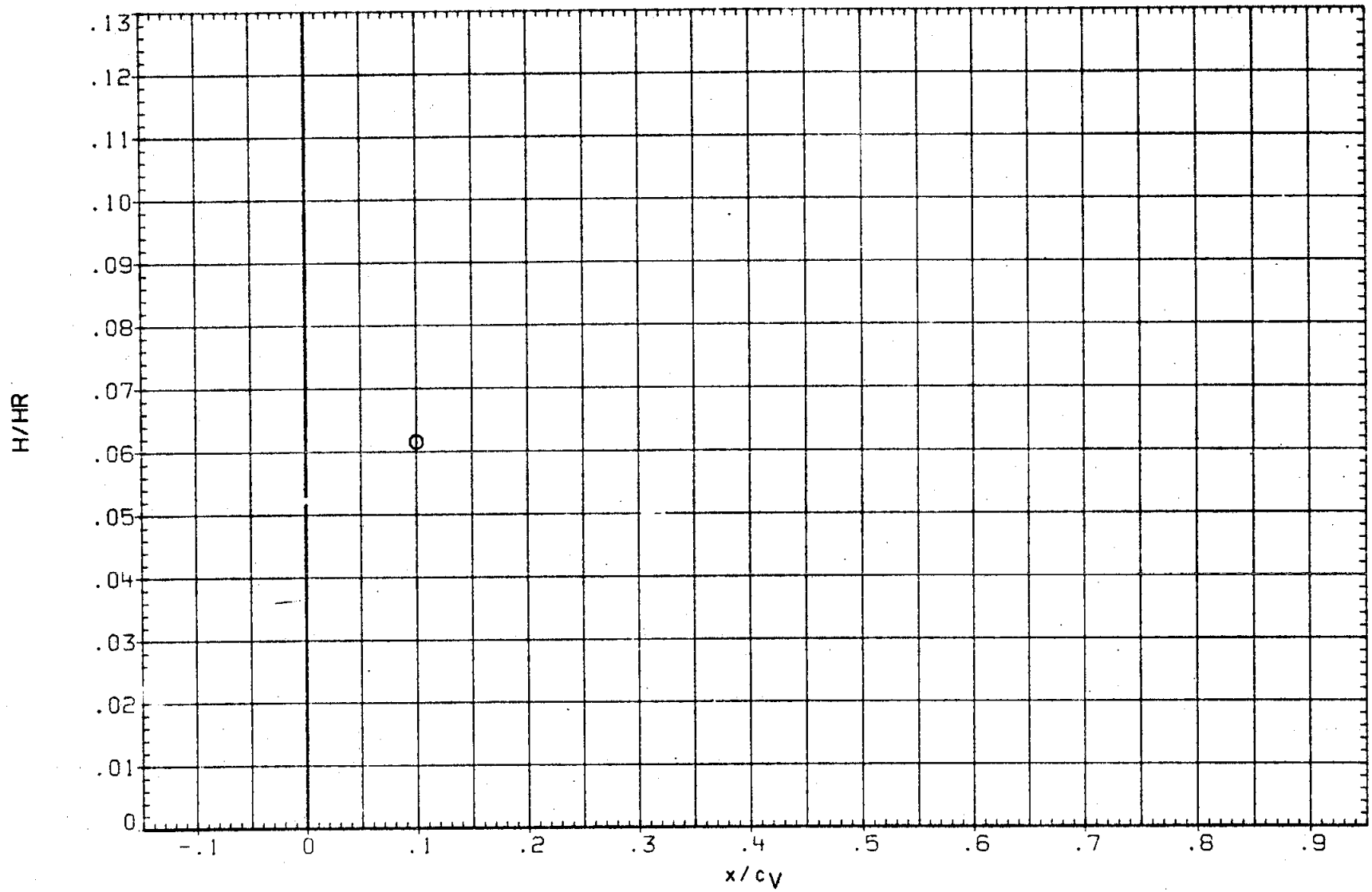


FIG. 18 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV05) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.679	.941	30.084

PARAMETRIC VALUES

MACH 8.000 BETA .007

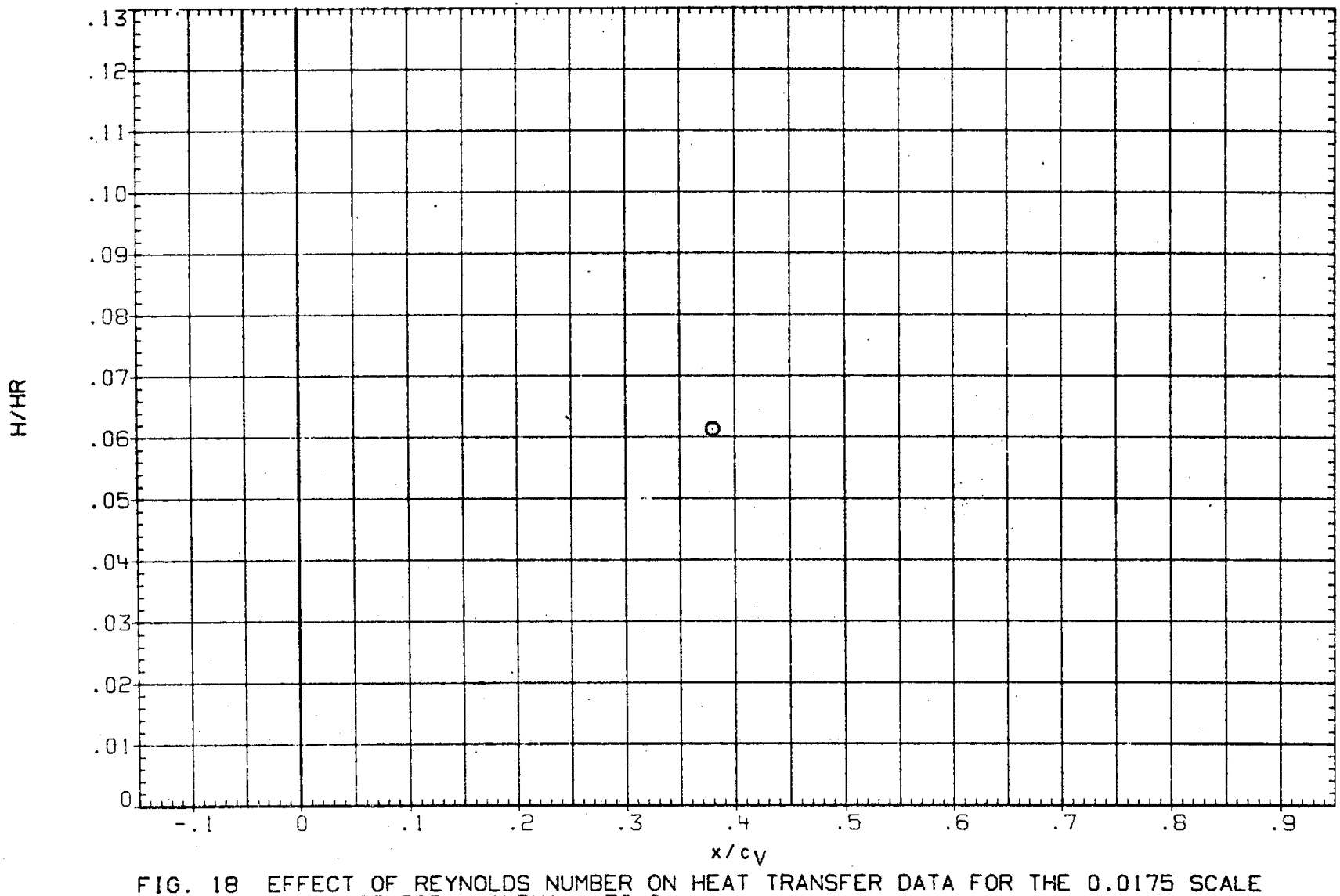


FIG. 18 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV05) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.679	.949	30.084

PARAMETRIC VALUES

MACH 8.000 BETA .007

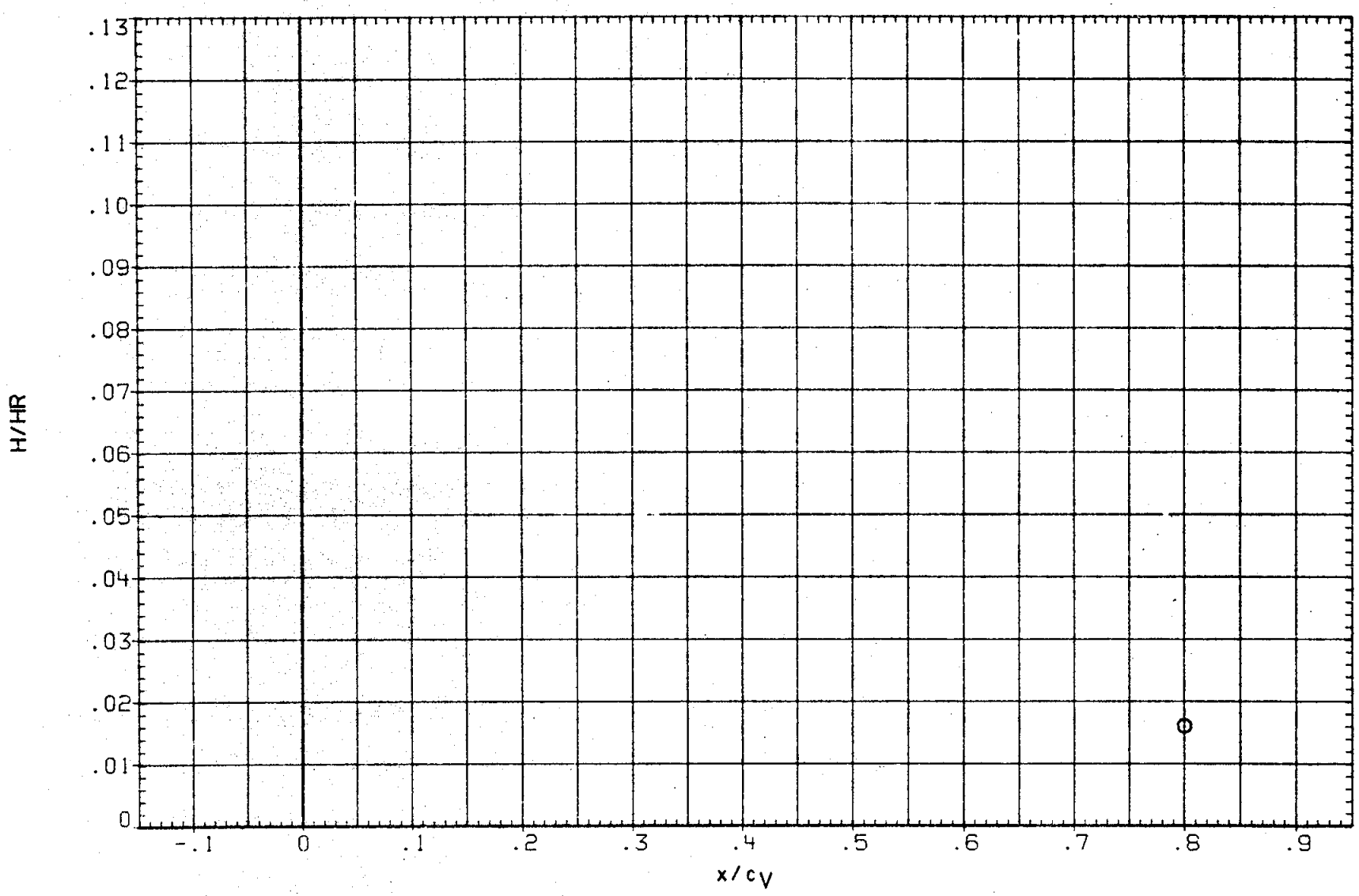


FIG. 18 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV05) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.679	.973	30.084

PARAMETRIC VALUES

MACH 8.000 BETA .007

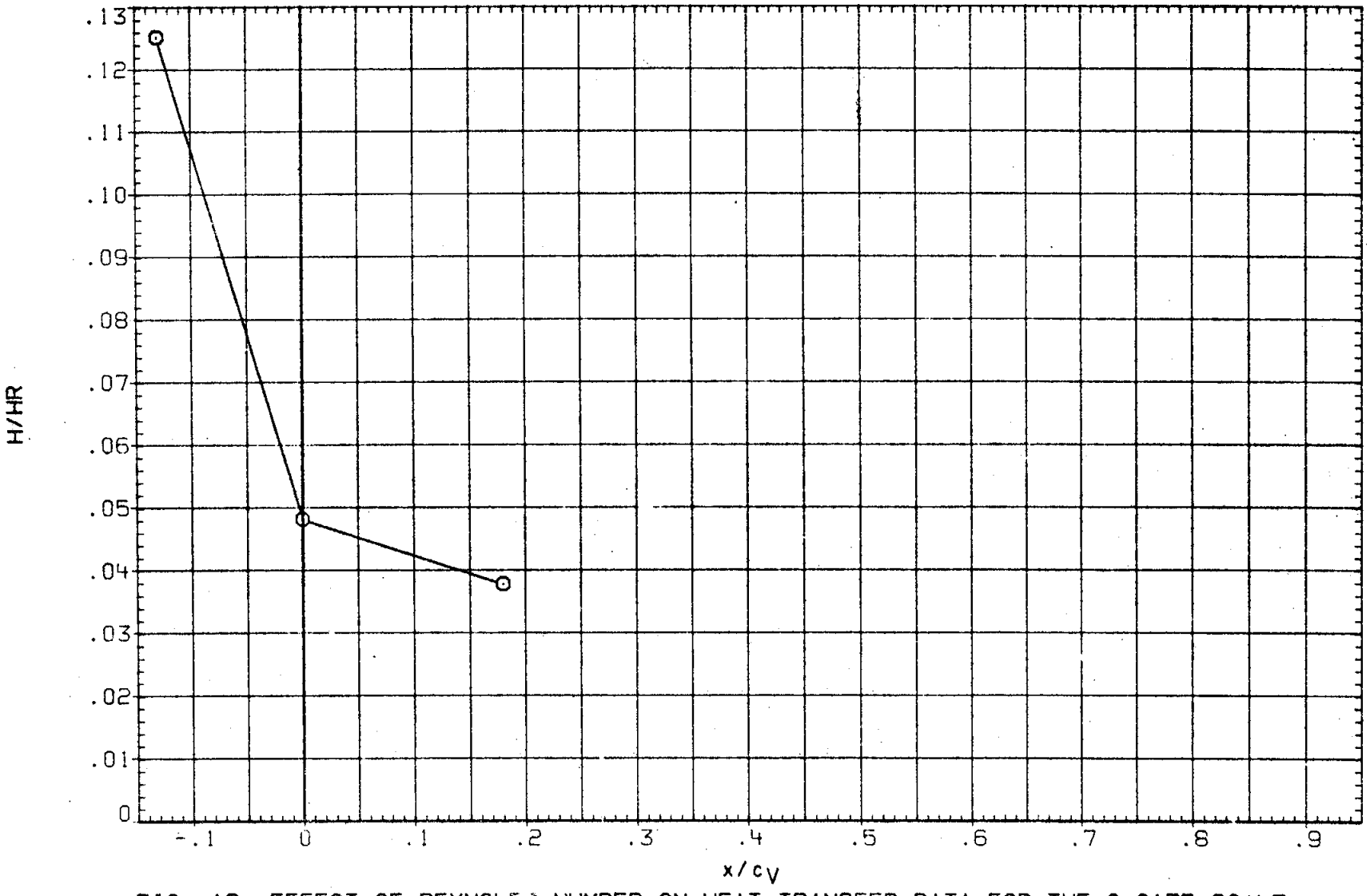


FIG. 18 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV05) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.679	1.000	30.084

PARAMETRIC VALUES

MACH 8.000 BETA .007

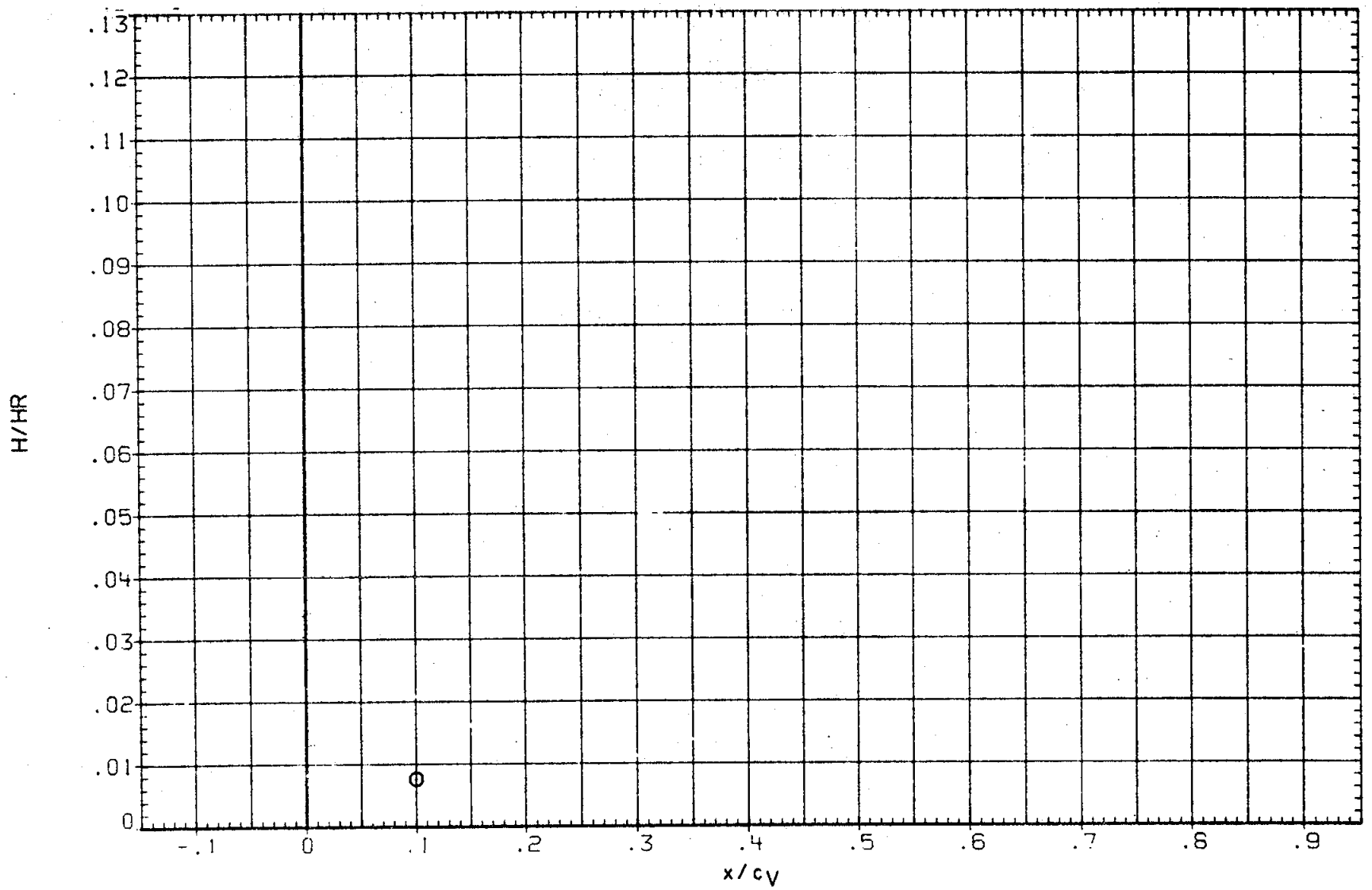


FIG. 18 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV06) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.586	.700	30.076
□	1.020		
◇	1.995		
△	3.011		
◺	3.639		

PARAMETRIC VALUES

MACH 7.962 BETA .000

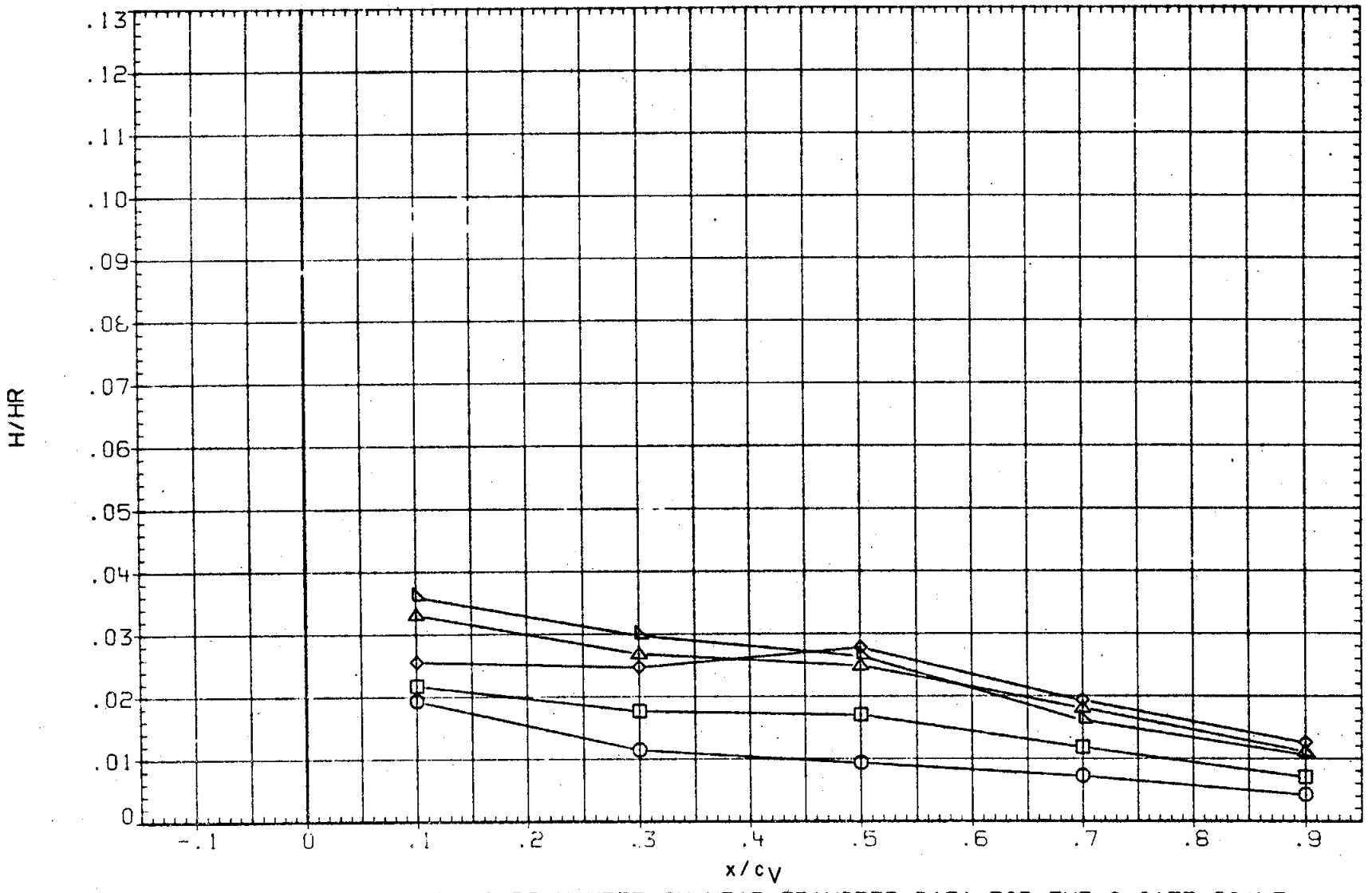


FIG. 19 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

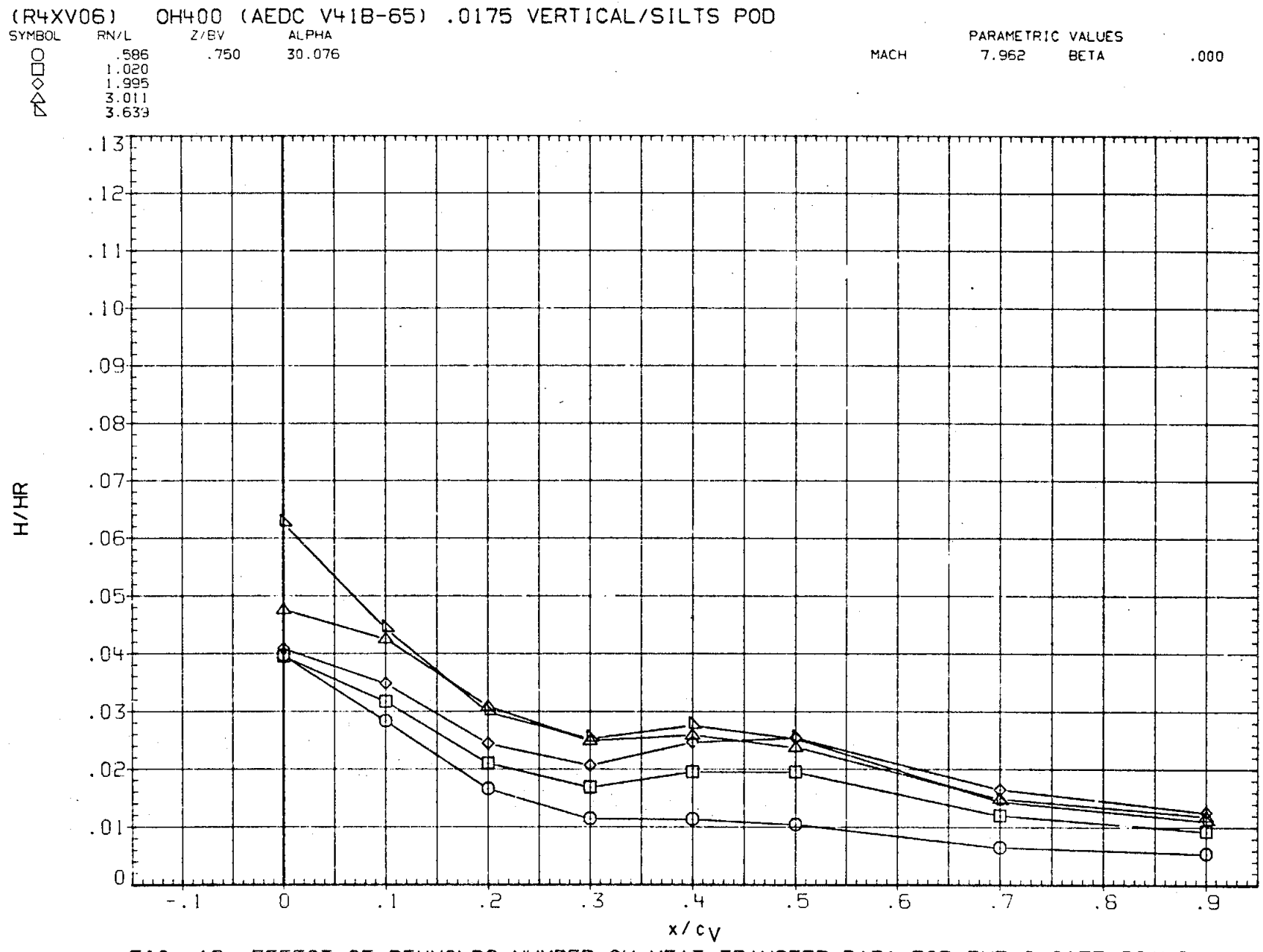


FIG. 19 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV06) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.586	.800	30.076
□	1.020		
◇	1.995		
△	3.011		
◁	3.639		

PARAMETRIC VALUES

MACH 7.962 BETA .000

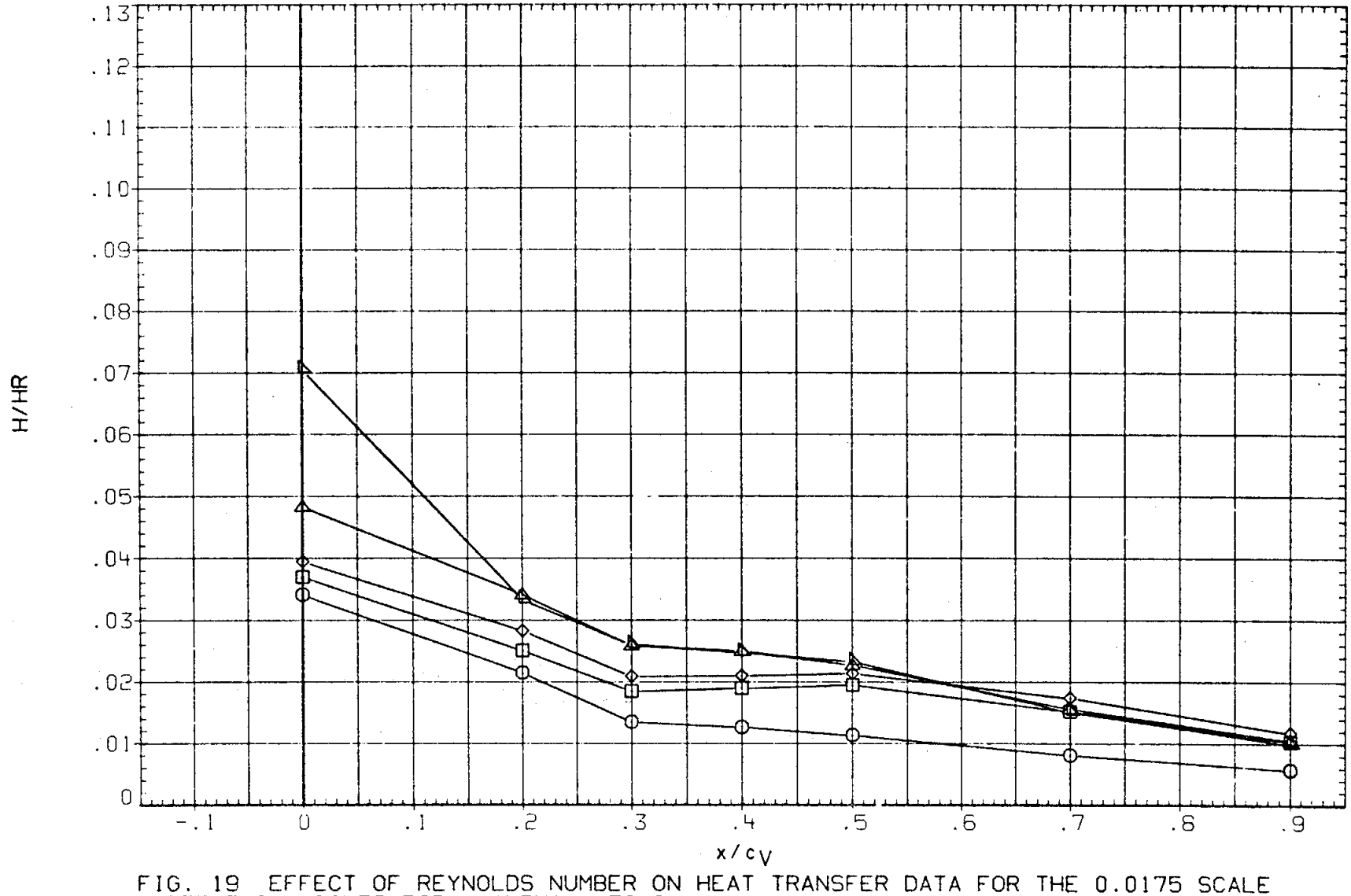


FIG. 19 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

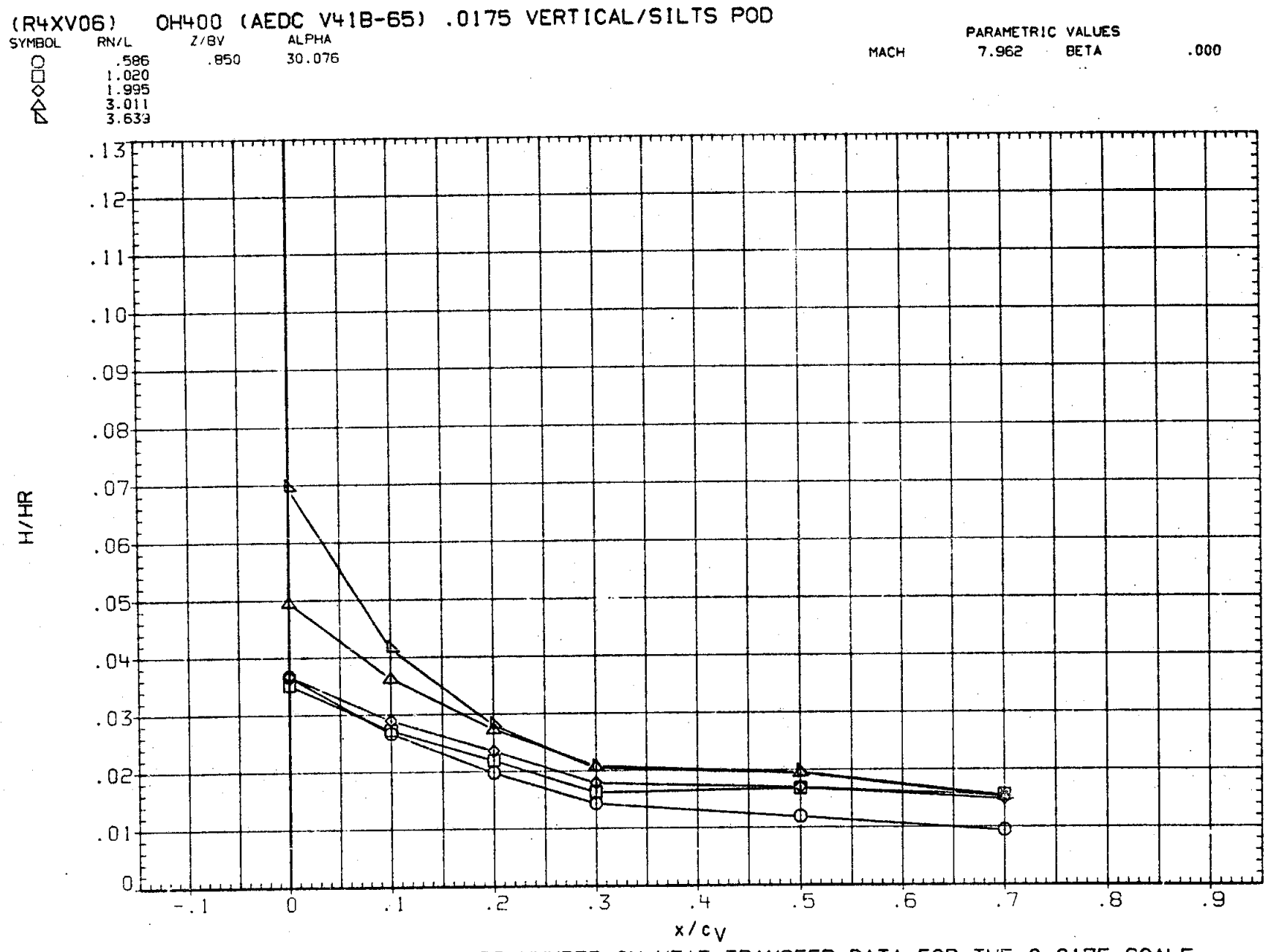


FIG. 19 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV06) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.586	.900	30.076
□	1.020		
◇	1.995		
△	3.011		
◺	3.639		

PARAMETRIC VALUES

MACH 7.962 BETA .000

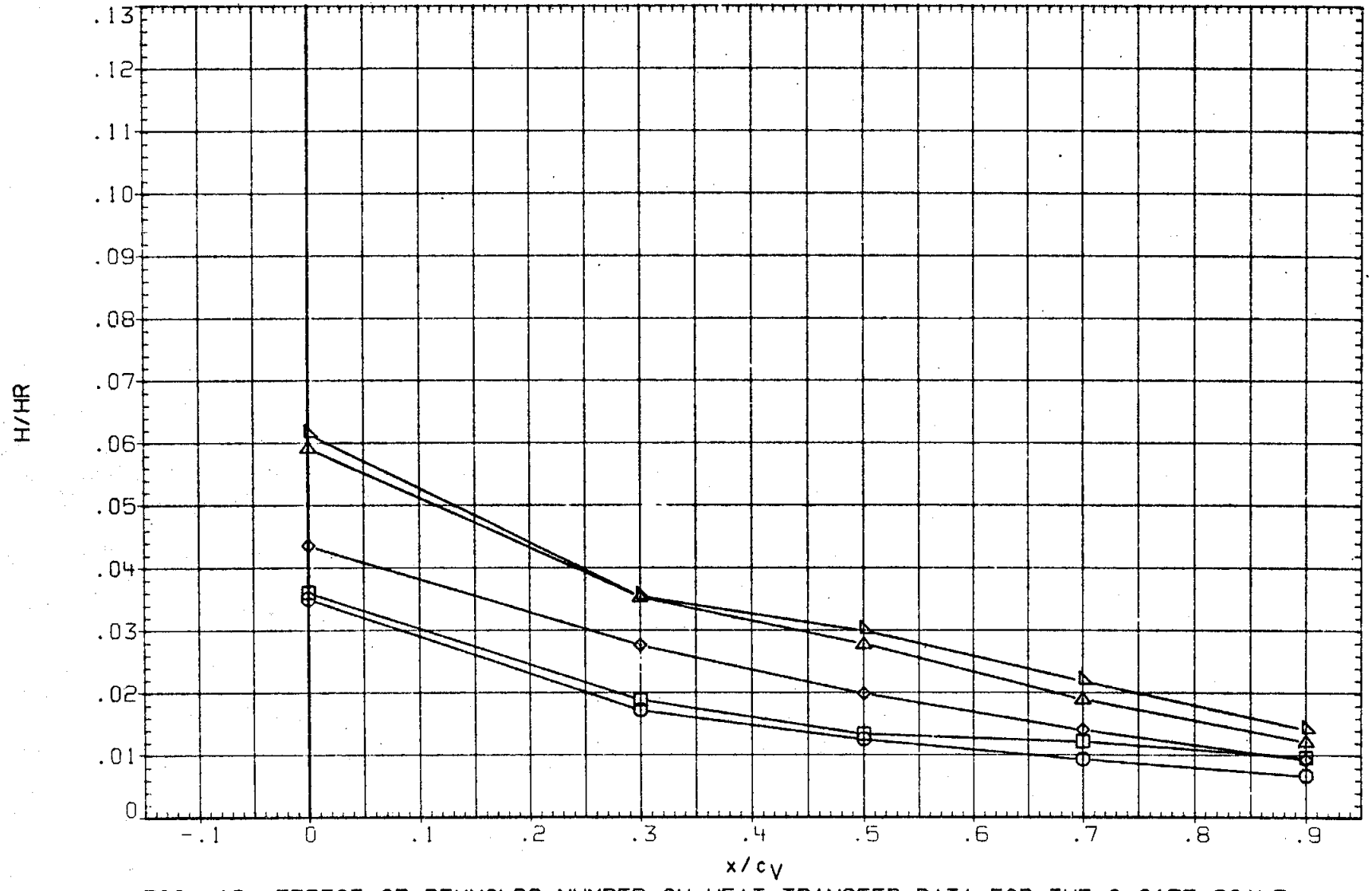


FIG. 19 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV06) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.586	.925	30.076
□	1.020		
◇	1.995		
△	3.011		
◺	3.639		

PARAMETRIC VALUES

MACH 7.962 BETA .000

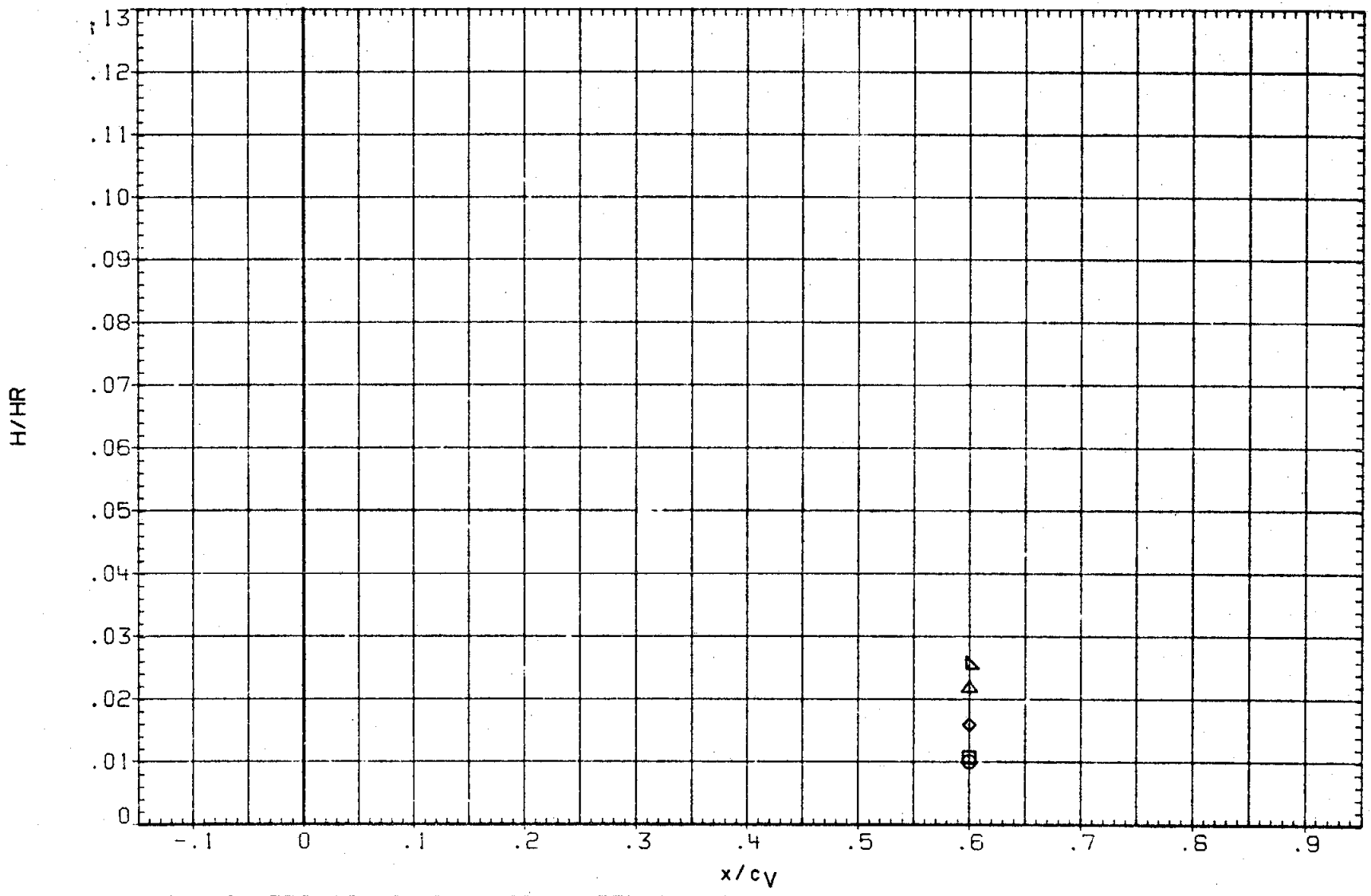


FIG. 19 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV06) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.586	.937	30.076
□	1.020		
◇	1.995		
△	3.011		
◁	3.639		

PARAMETRIC VALUES

MACH 7.962 BETA .000

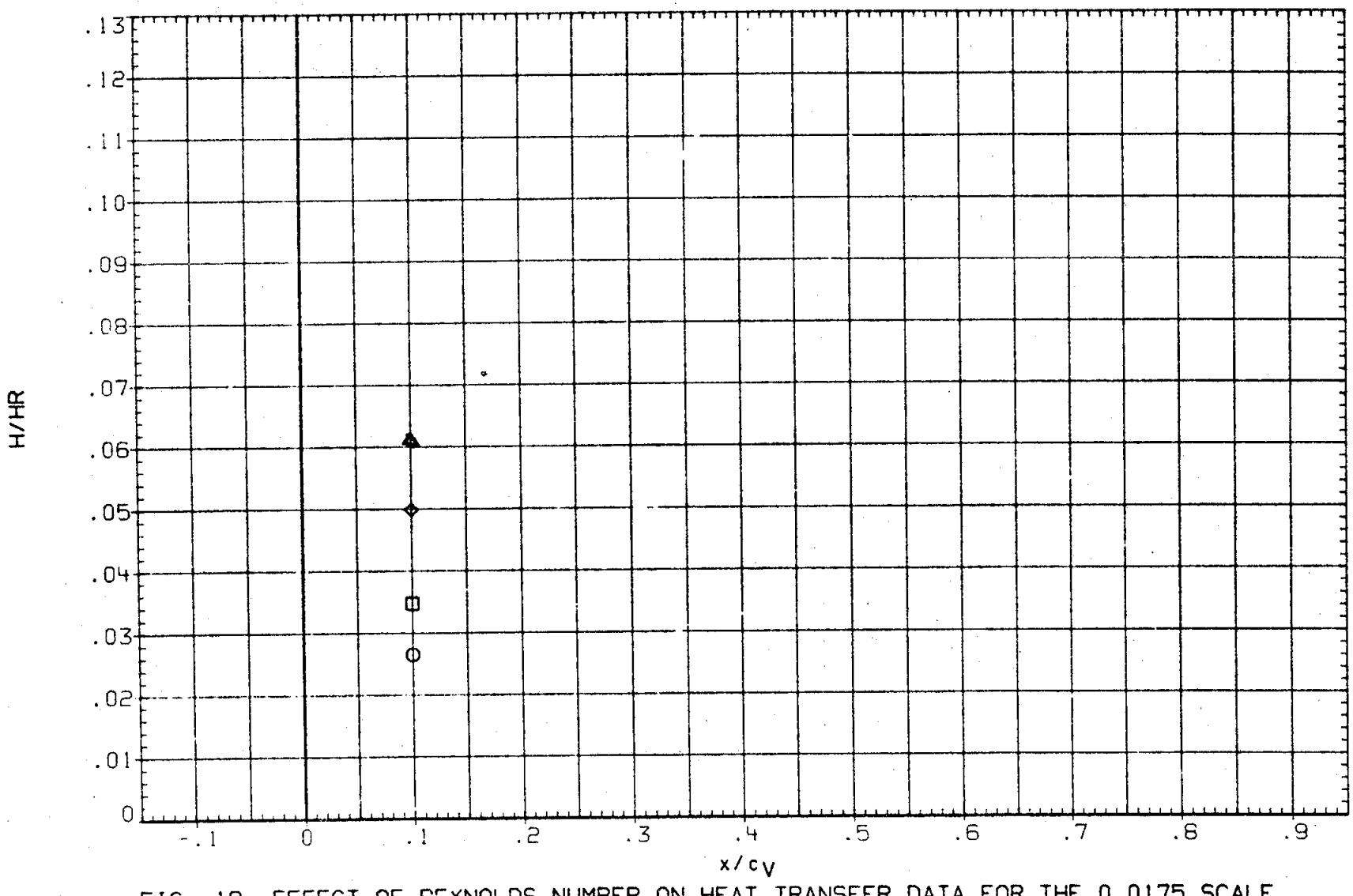


FIG. 19 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV06) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.586	.941	30.076
□	1.020		
◇	1.995		
△	3.011		
▷	3.639		

PARAMETRIC VALUES

MACH 7.962 BETA .000

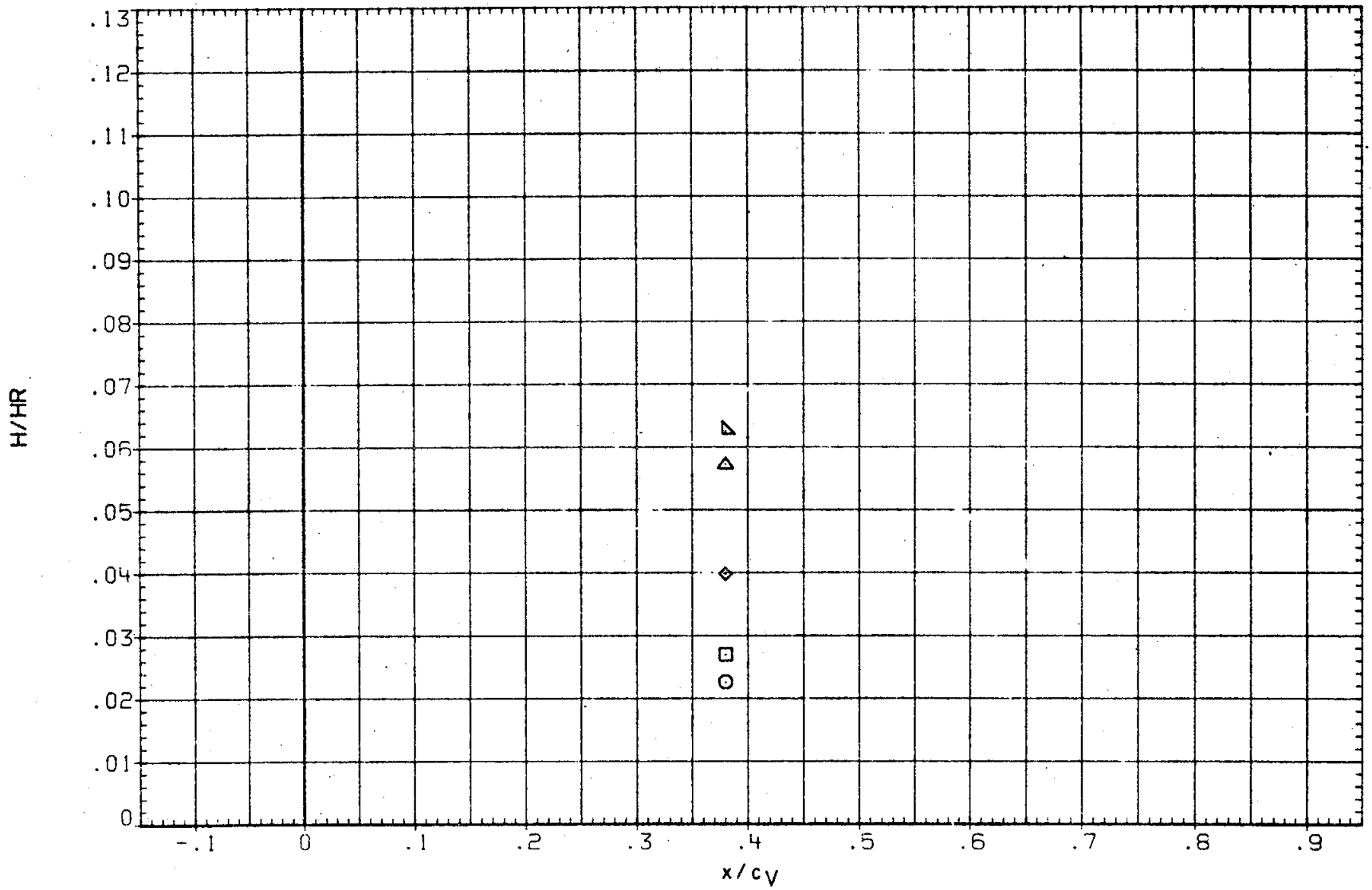


FIG. 19 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV06) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.586	.949	30.076
□	1.020		
◇	1.995		
△	3.011		
◁	3.639		

PARAMETRIC VALUES

MACH 7.962 BETA .000

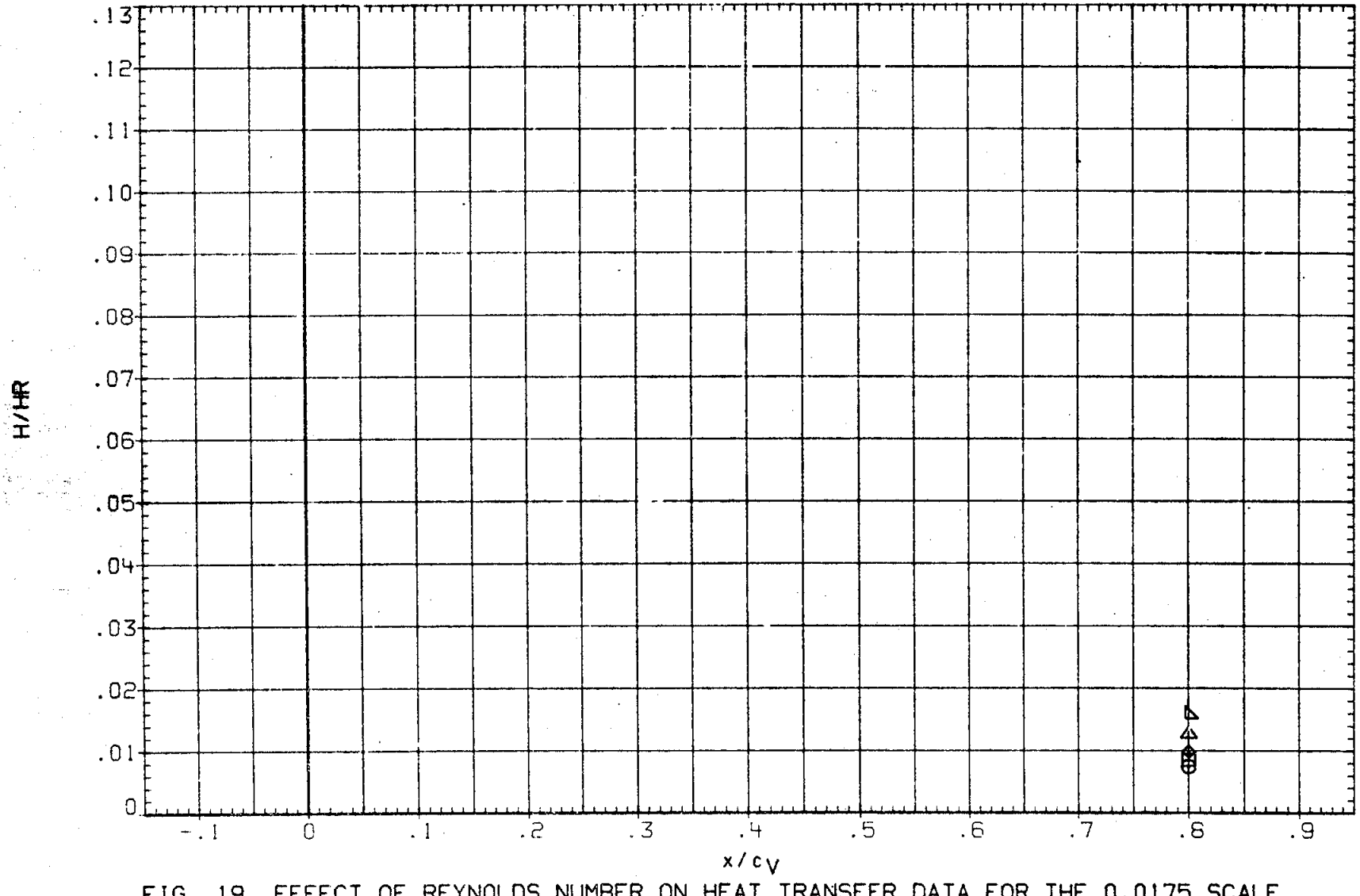


FIG. 19 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

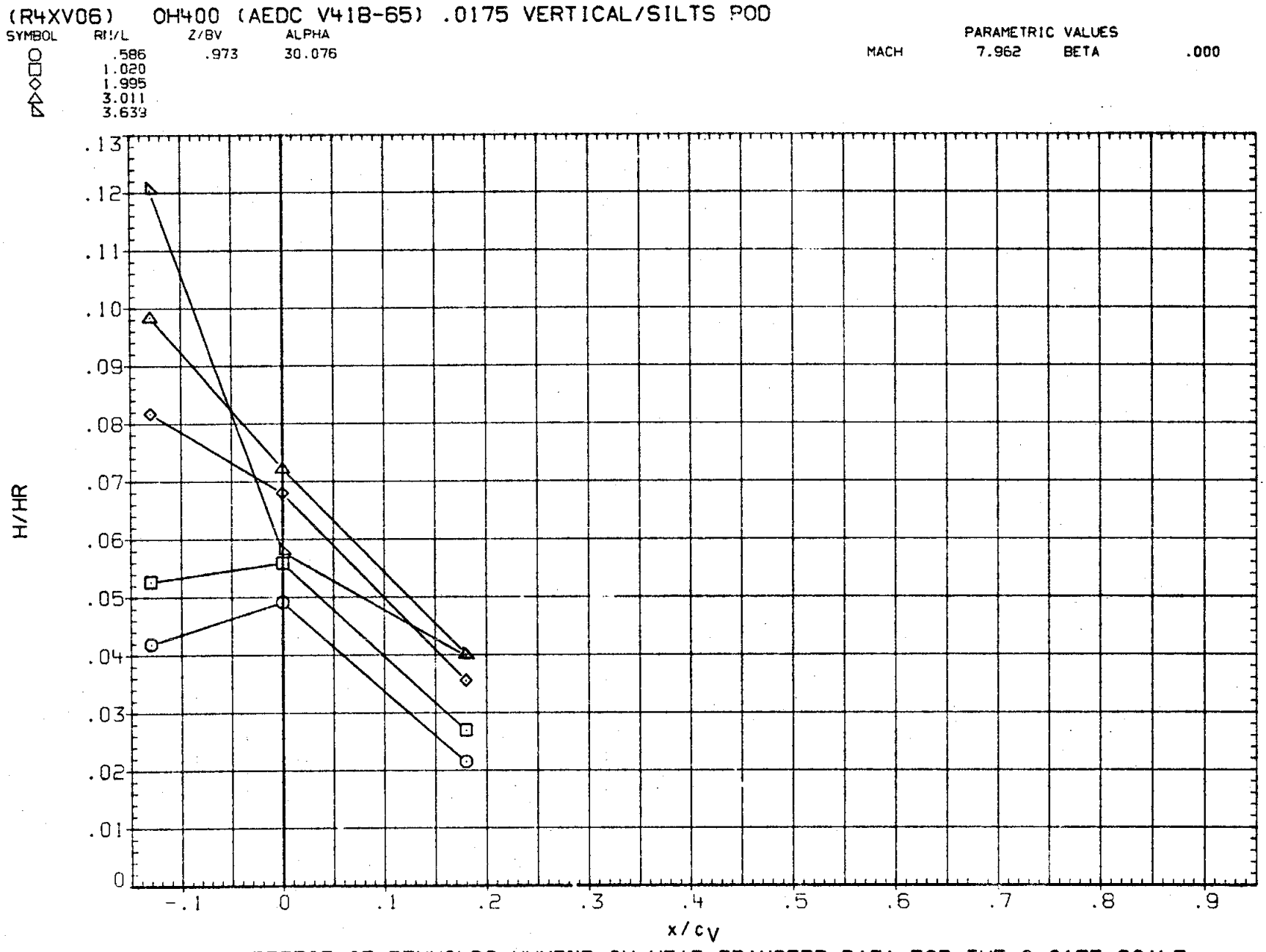


FIG. 19 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV06) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.586	1.000	30.076
□	1.020		
◇	1.995		
◁	3.011		
◺	3.639		

PARAMETRIC VALUES

MACH 7.962 BETA .000

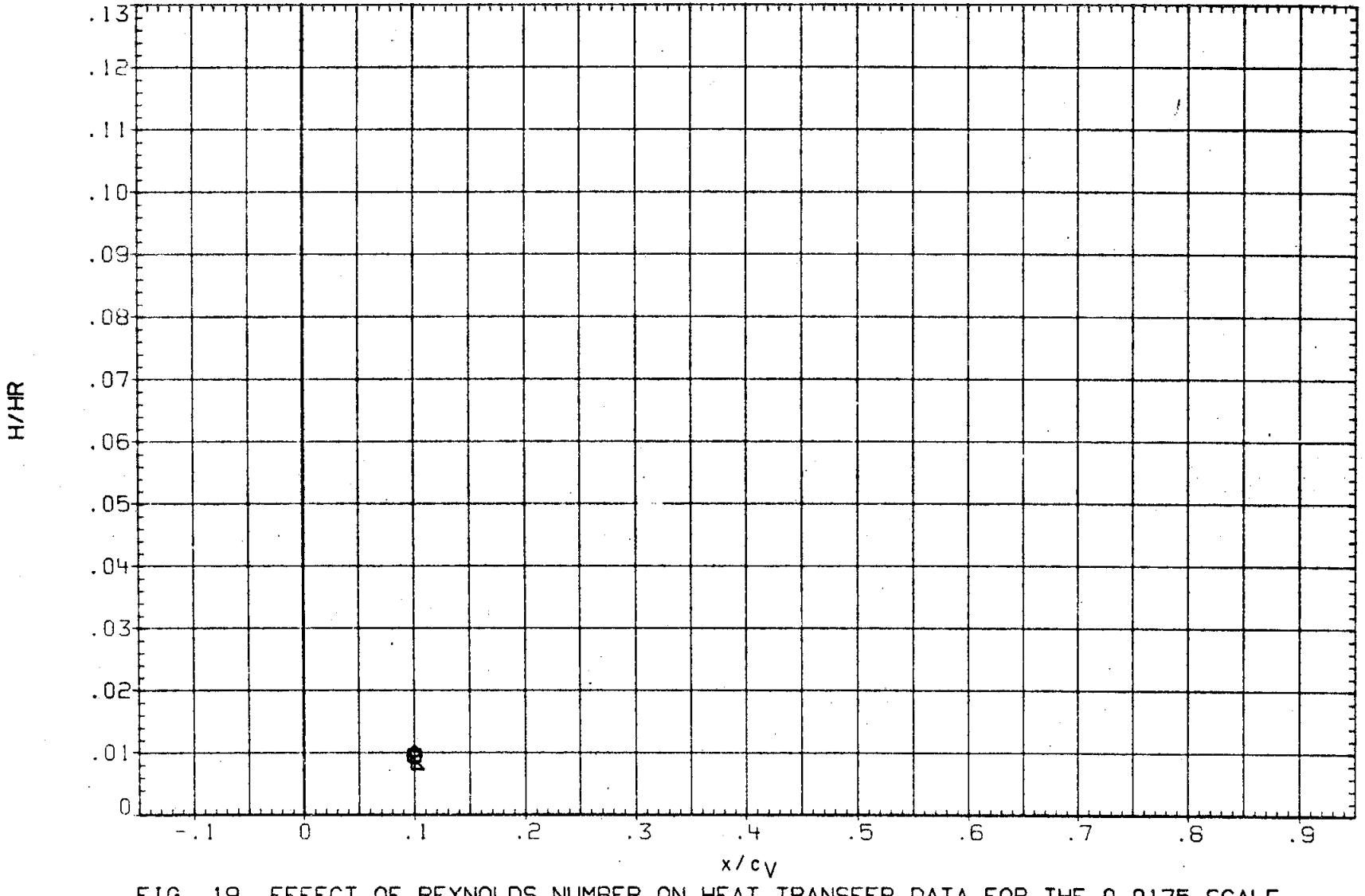


FIG. 19 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV07) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.982	.700	30.122
□	3.689		

PARAMETRIC VALUES

MACH 7.990 BETA -.007

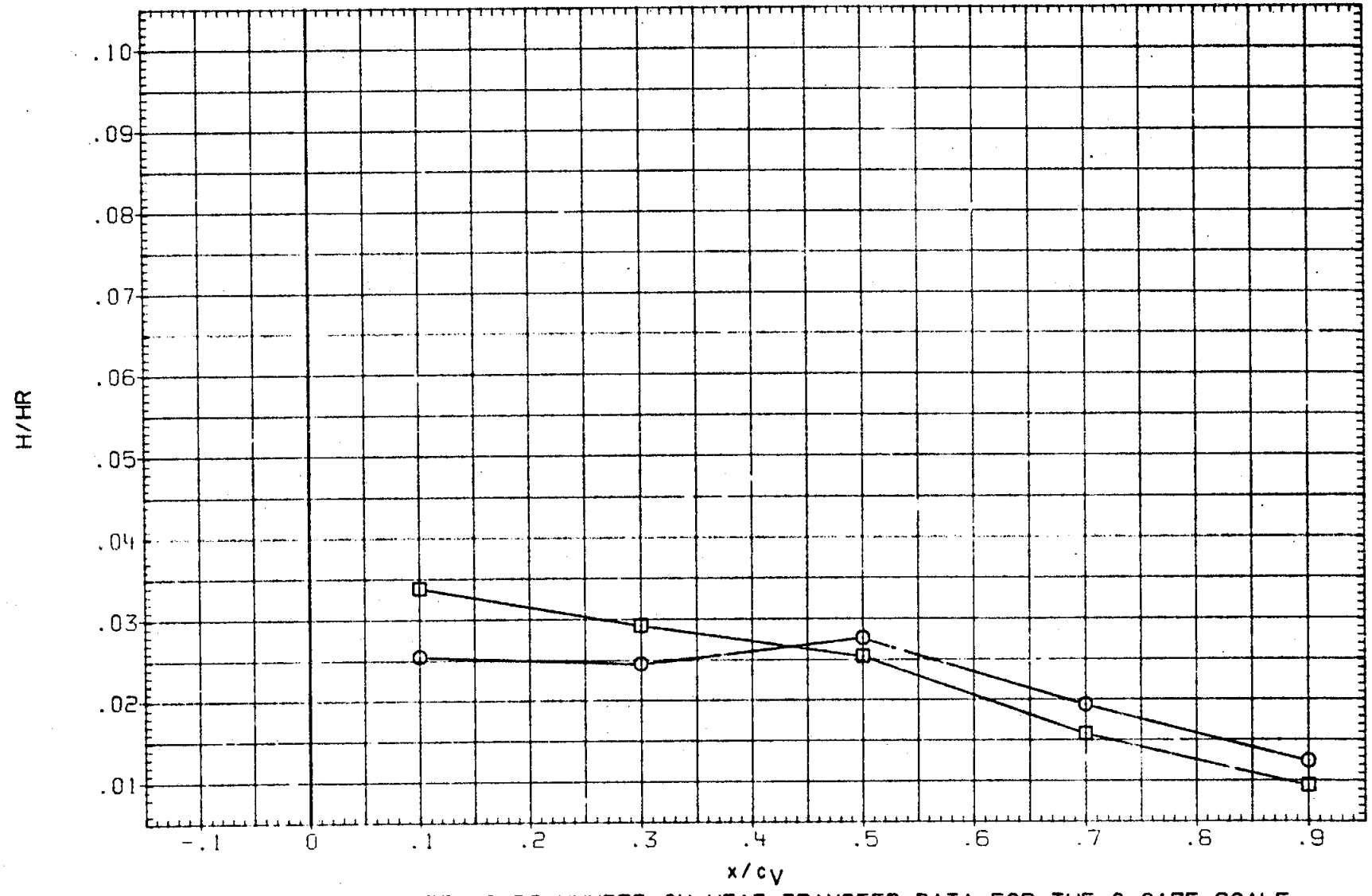


FIG. 20 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV07) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.982	.750	30.122
□	3.689		

PARAMETRIC VALUES

MACH 7.990 BETA -.007

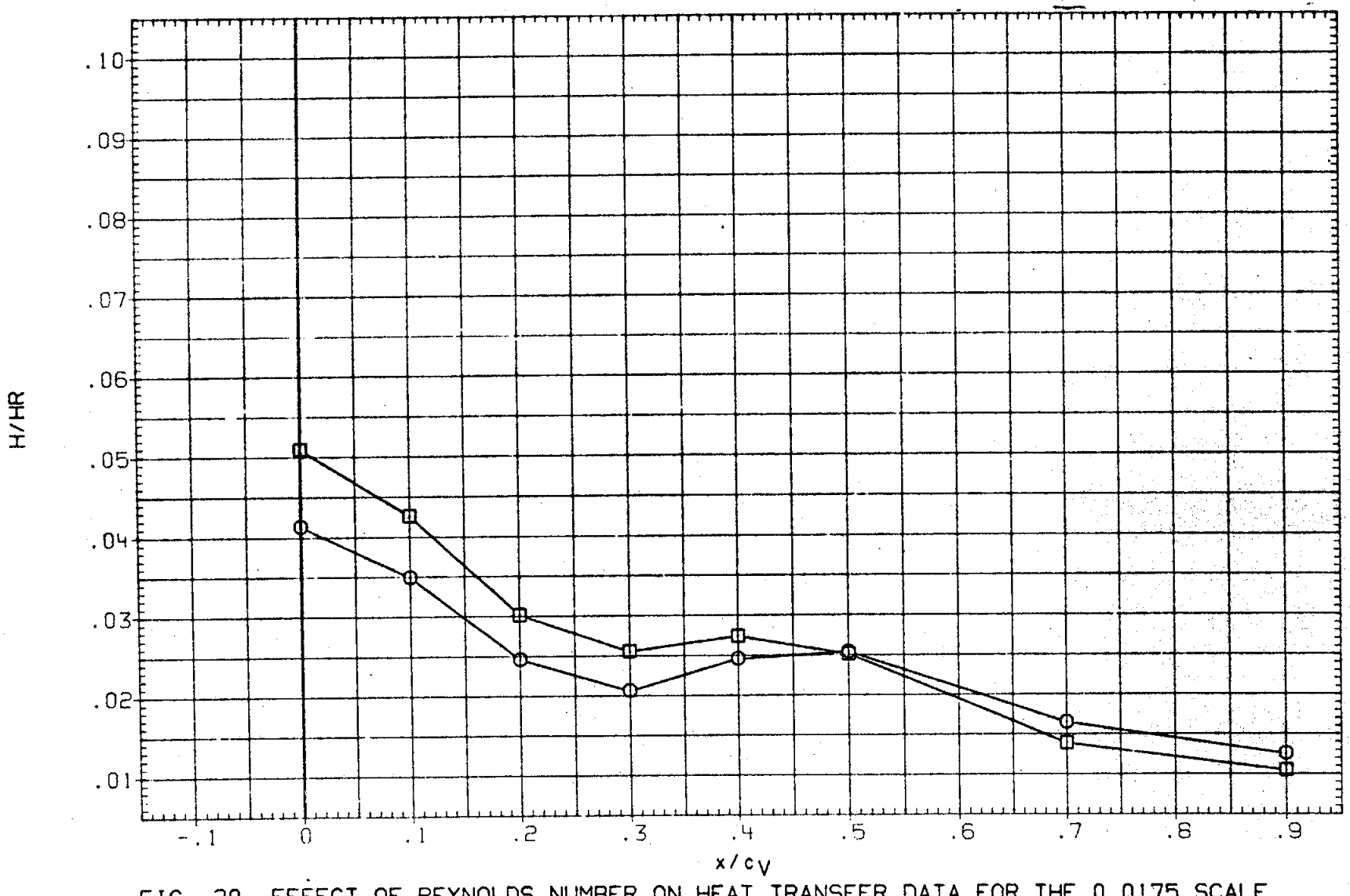


FIG. 20 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV07) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.982	.800	30.122
□	3.689		

PARAMETRIC VALUES

MACH 7.990 BETA -.007

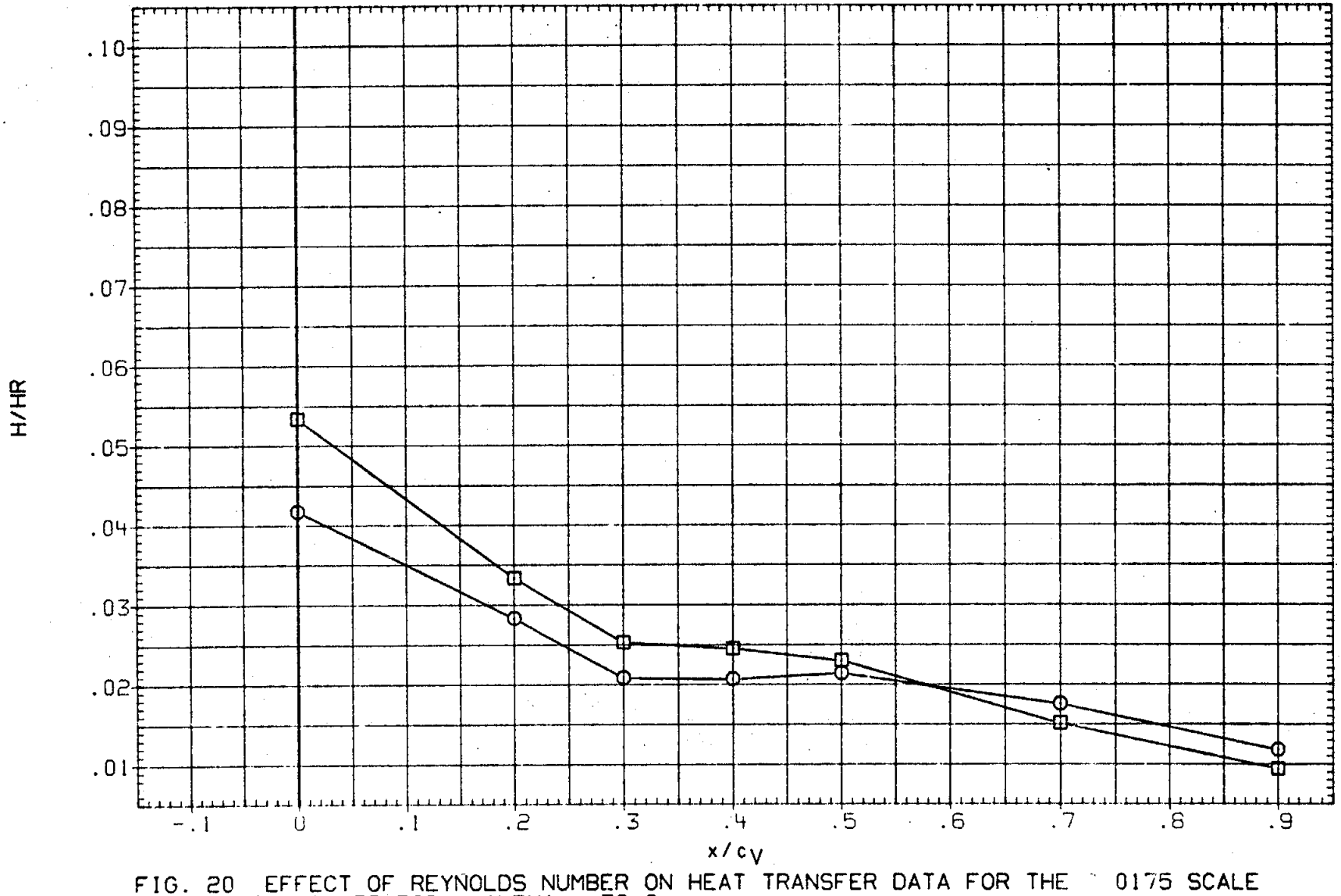


FIG. 20 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE .0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV07) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.982	.850	30.122
□	3.689		

PARAMETRIC VALUES

MACH 7.990 BETA -.007

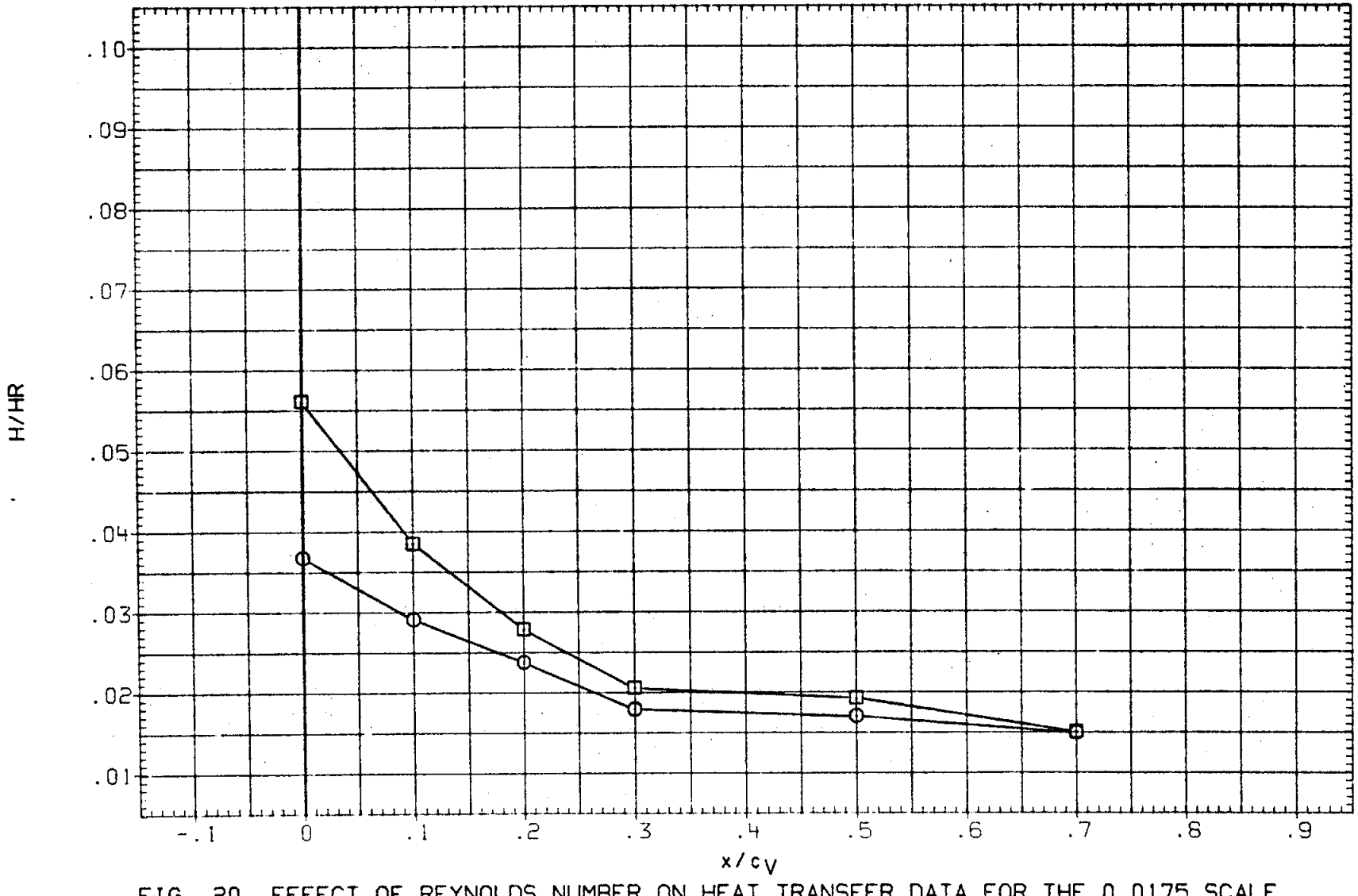


FIG. 20 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV07) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.982	.900	30.122
□	3.689		

PARAMETRIC VALUES

MACH 7.990 BETA -.007

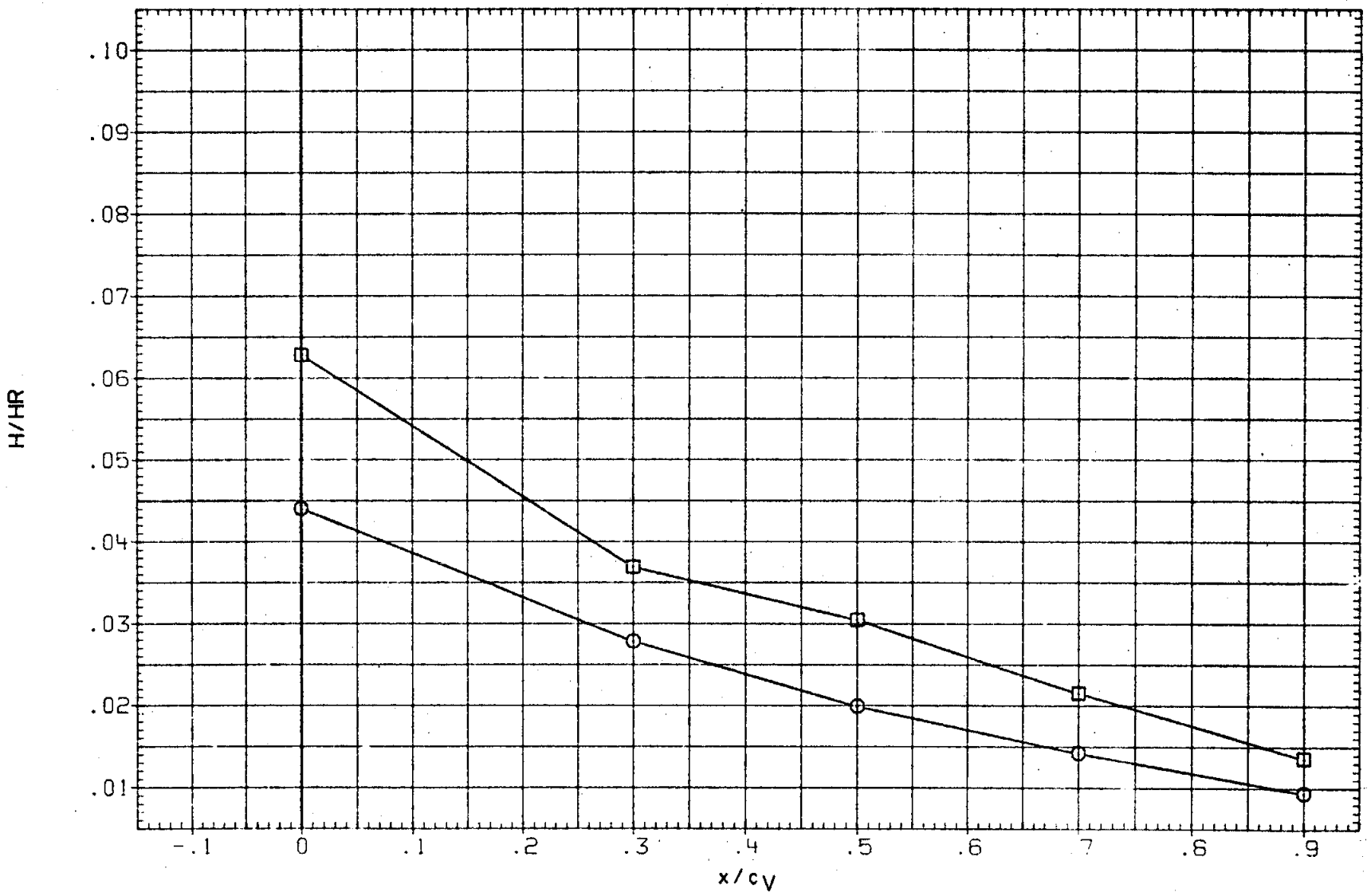


FIG. 20 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE .175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV07) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.982	.925	30.122
□	3.689		

PARAMETRIC VALUES

MACH 7.990 BETA -.007

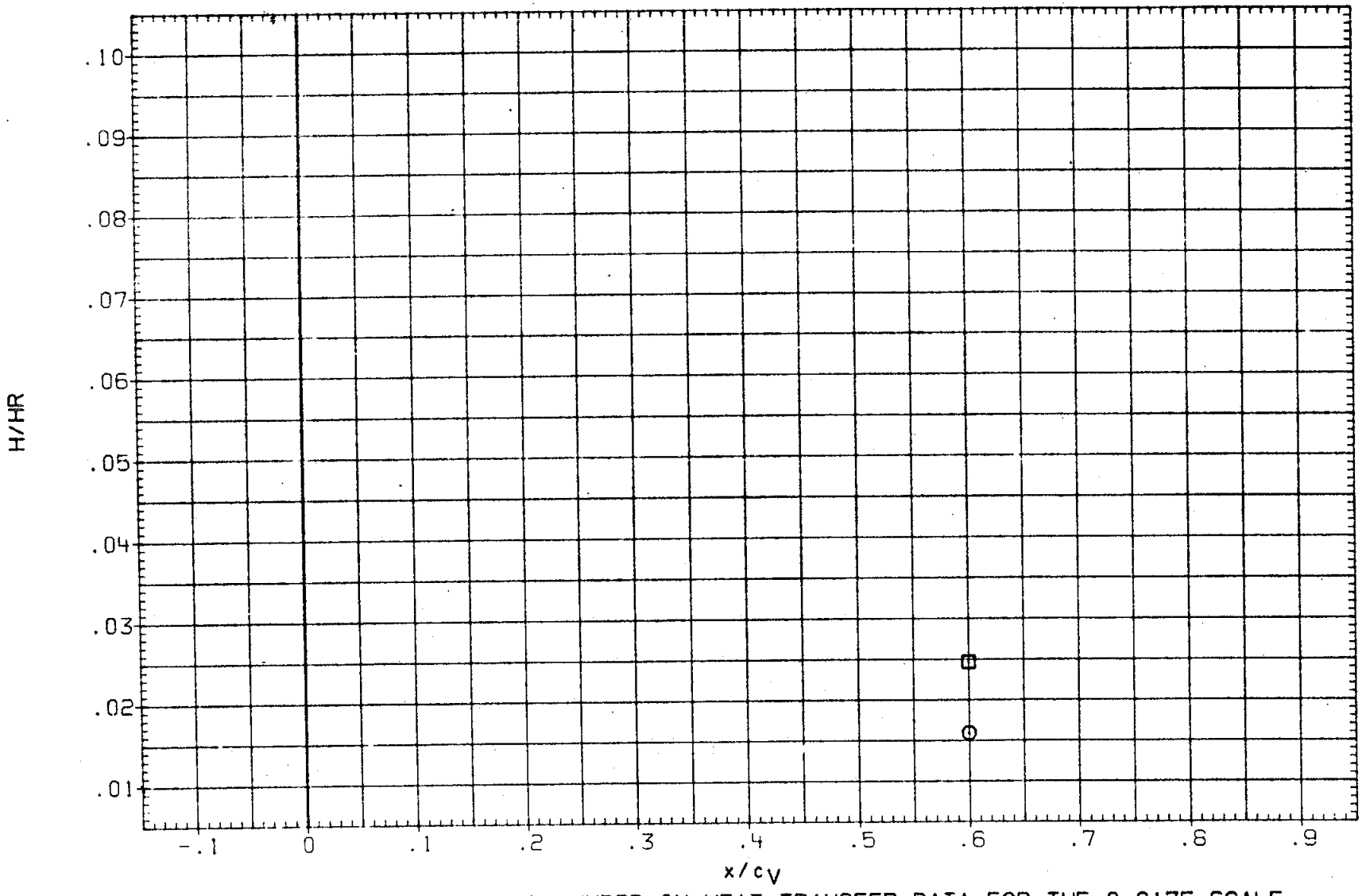


FIG. 20 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV07) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.982	.937	30.122
□	3.689		

PARAMETRIC VALUES

MACH 7.990 BETA -.007

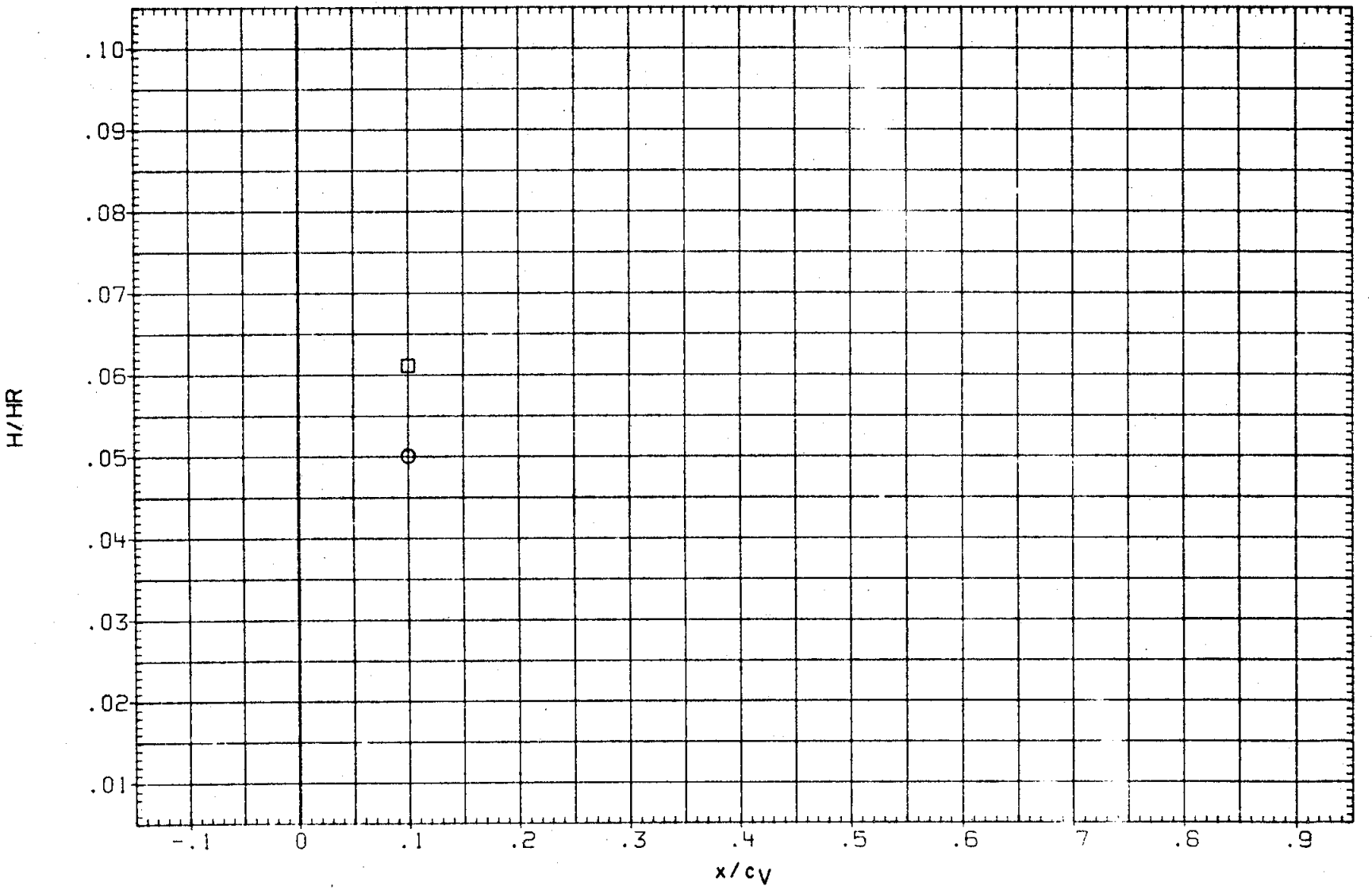


FIG. 20 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV07) OH400 (AEDC V41E-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.982	.941	30.122
□	3.689		

PARAMETRIC VALUES

MACH 7.990 BETA -.007

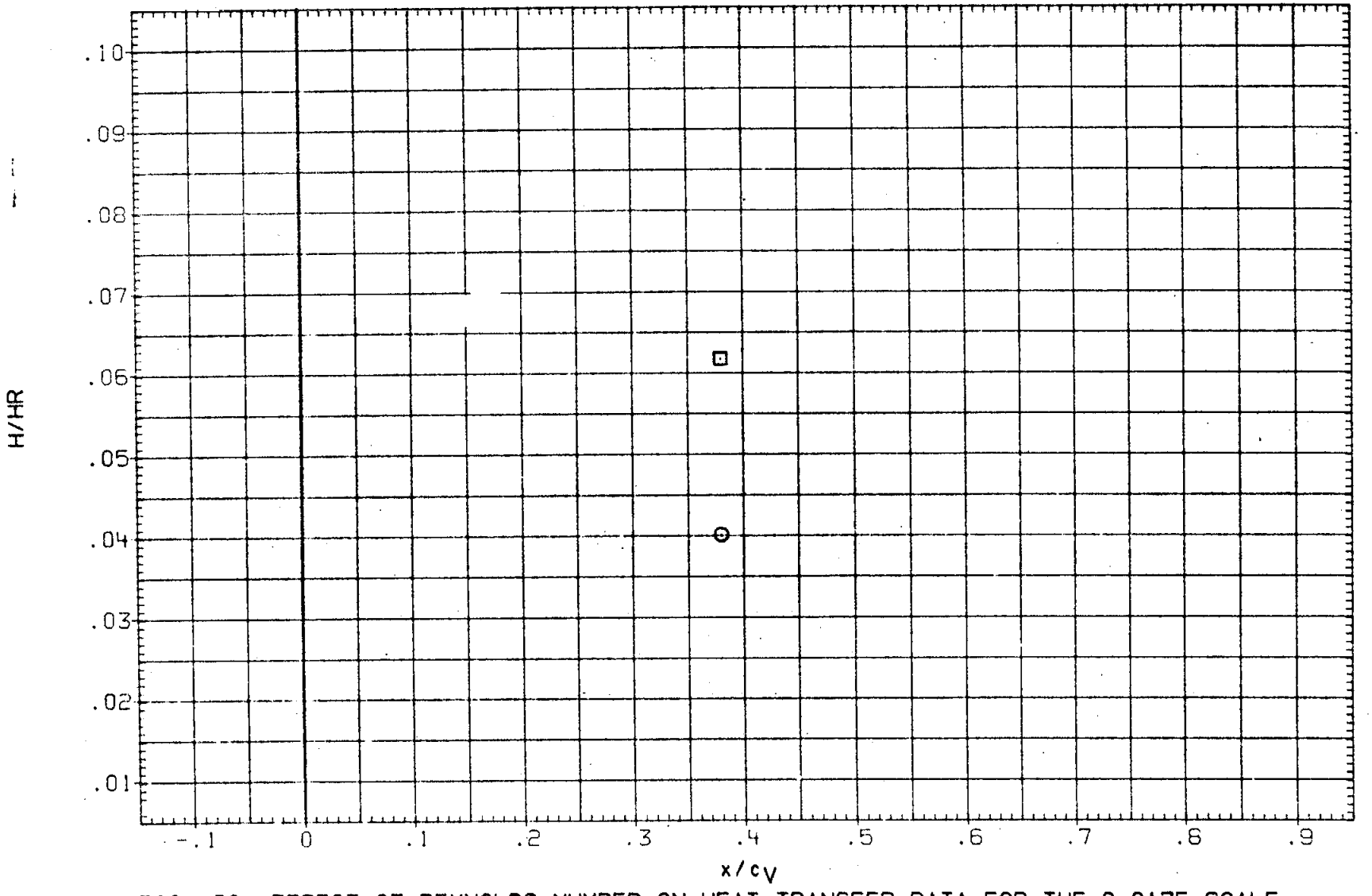


FIG. 20 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV07) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.982	.949	30.122
□	3.689		

PARAMETRIC VALUES

MACH 7.990 BETA -.007

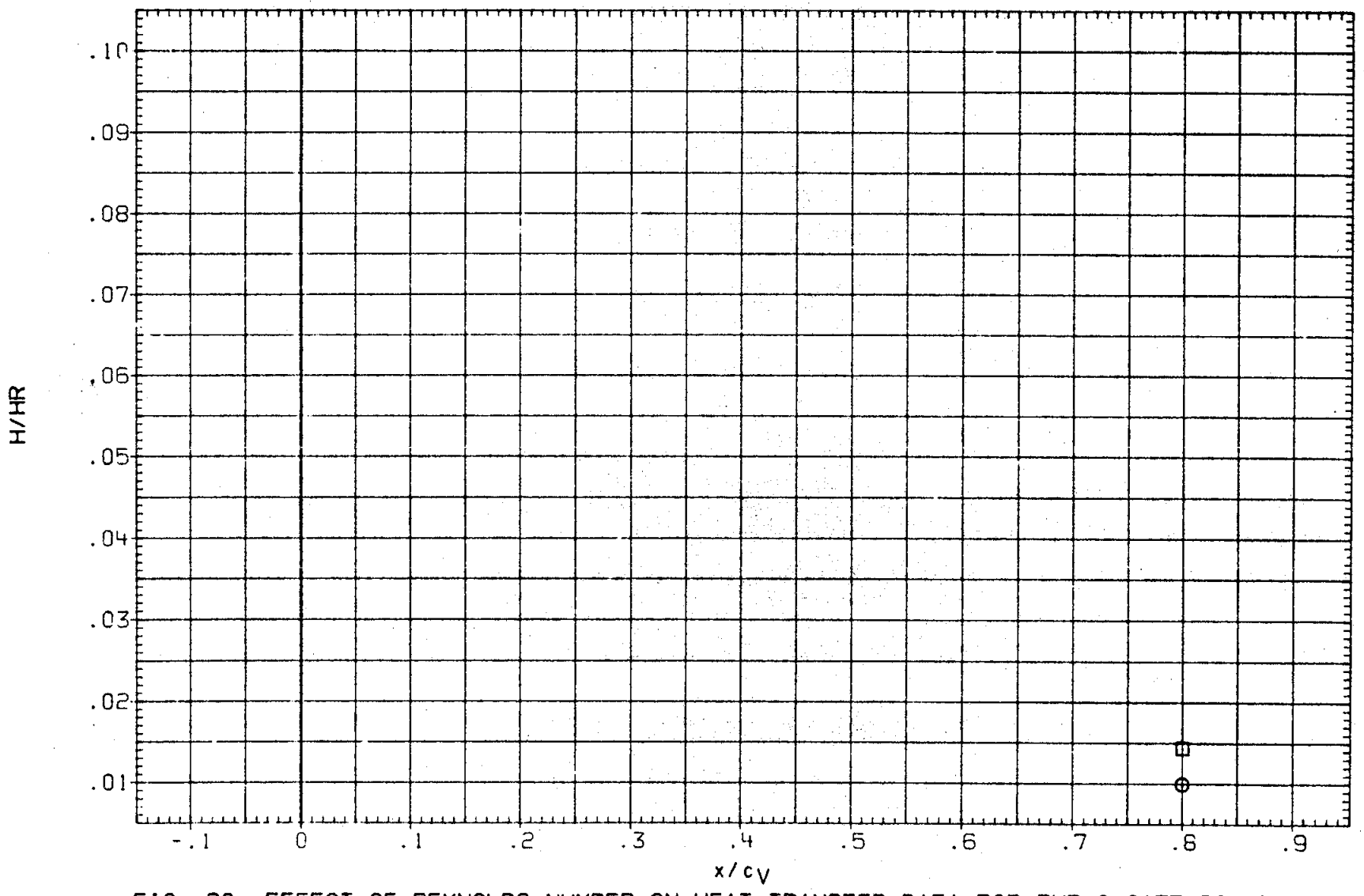


FIG. 20 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV07) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.982	.973	30.122
□	3.689		

PARAMETRIC VALUES

MACH 7.990 BETA -.007

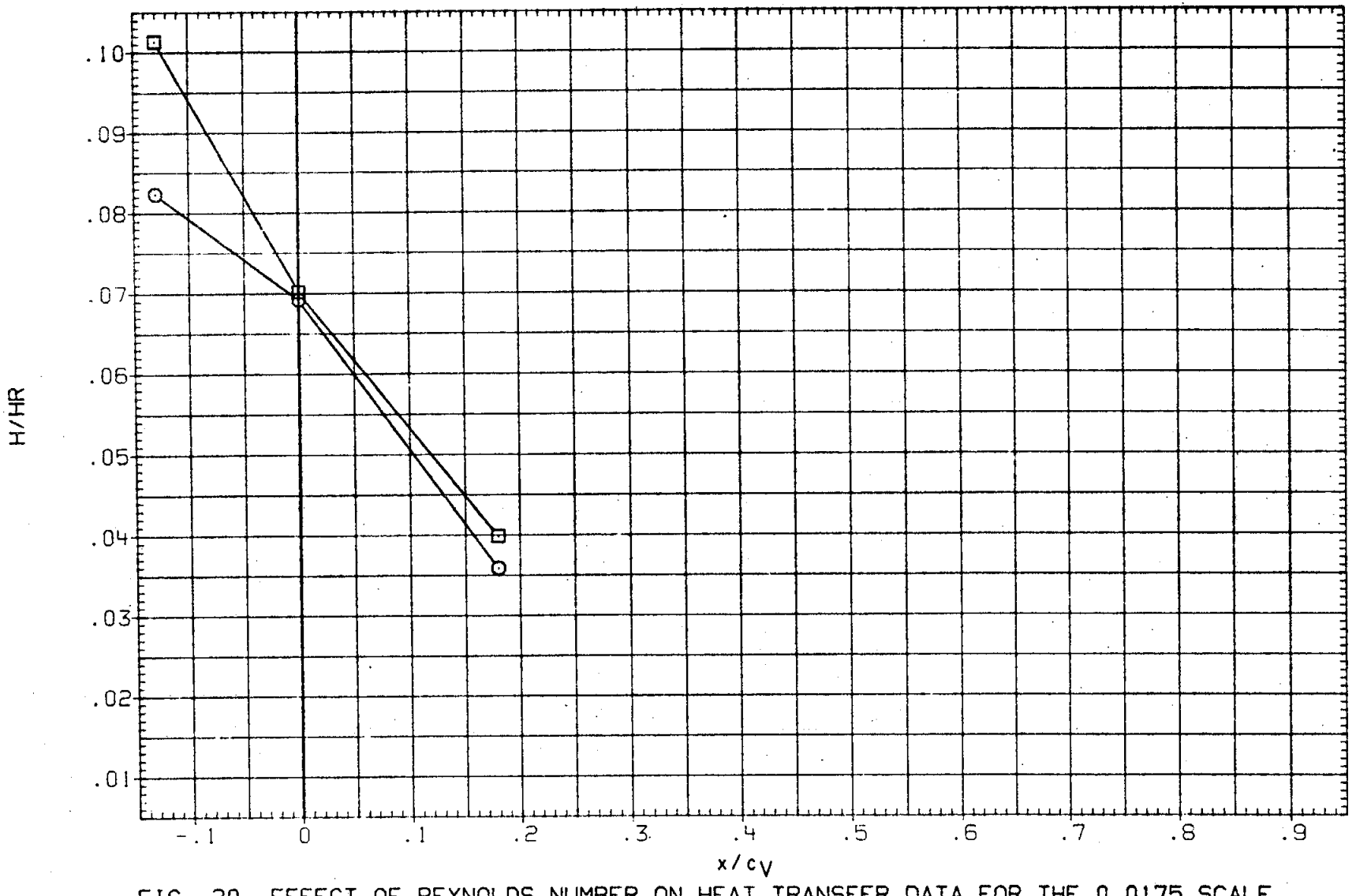


FIG. 20 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV07) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.982	1.000	30.122
□	3.689		

PARAMETRIC VALUES

MACH 7.990 BETA -.007

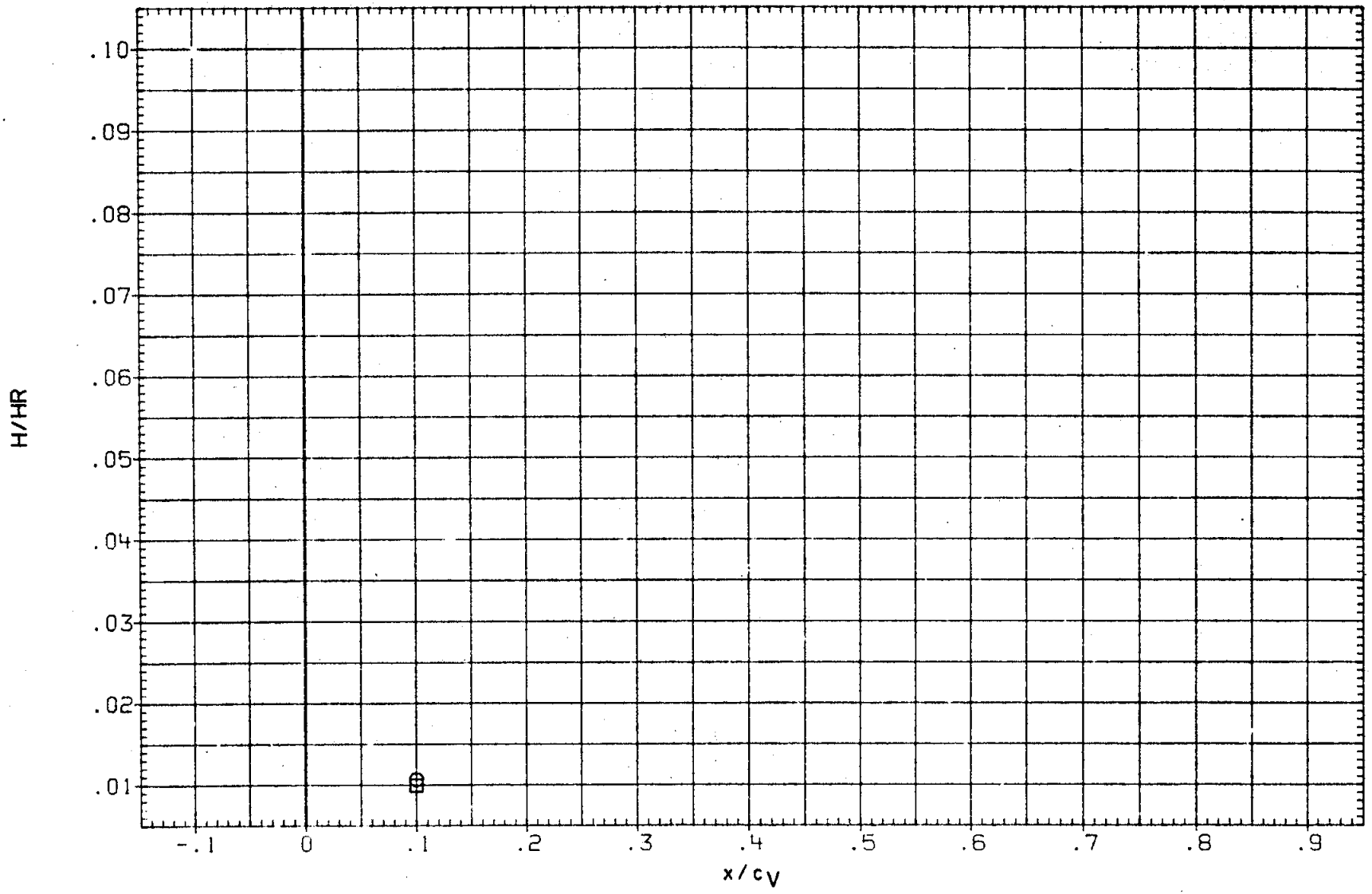


FIG. 20 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV08) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.692	.700	35.068

PARAMETRIC VALUES

MACH 8.000 BETA .002

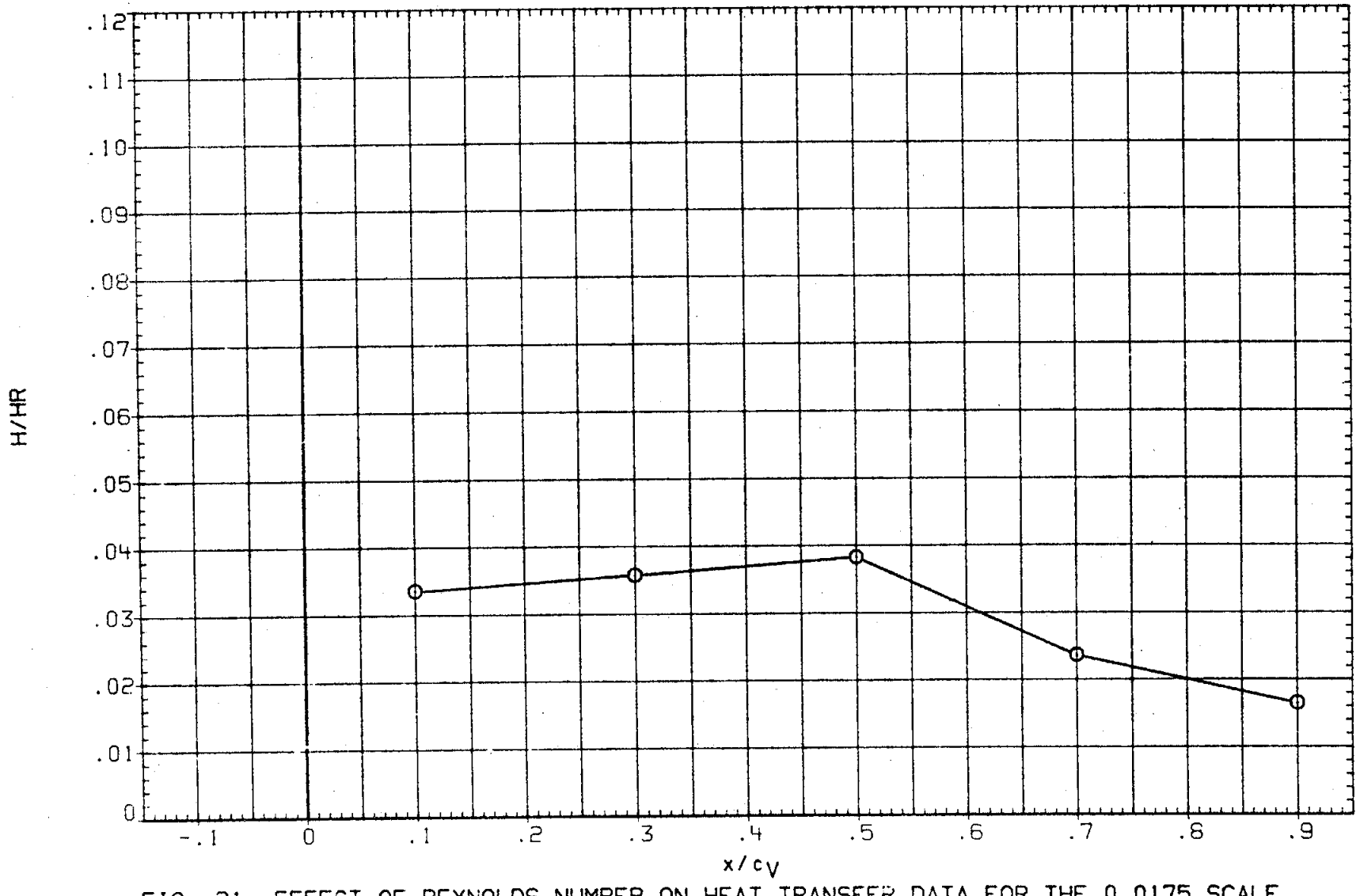


FIG. 21 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV08) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.692	.750	35.068

PARAMETRIC VALUES

MACH 8.000 BETA .002

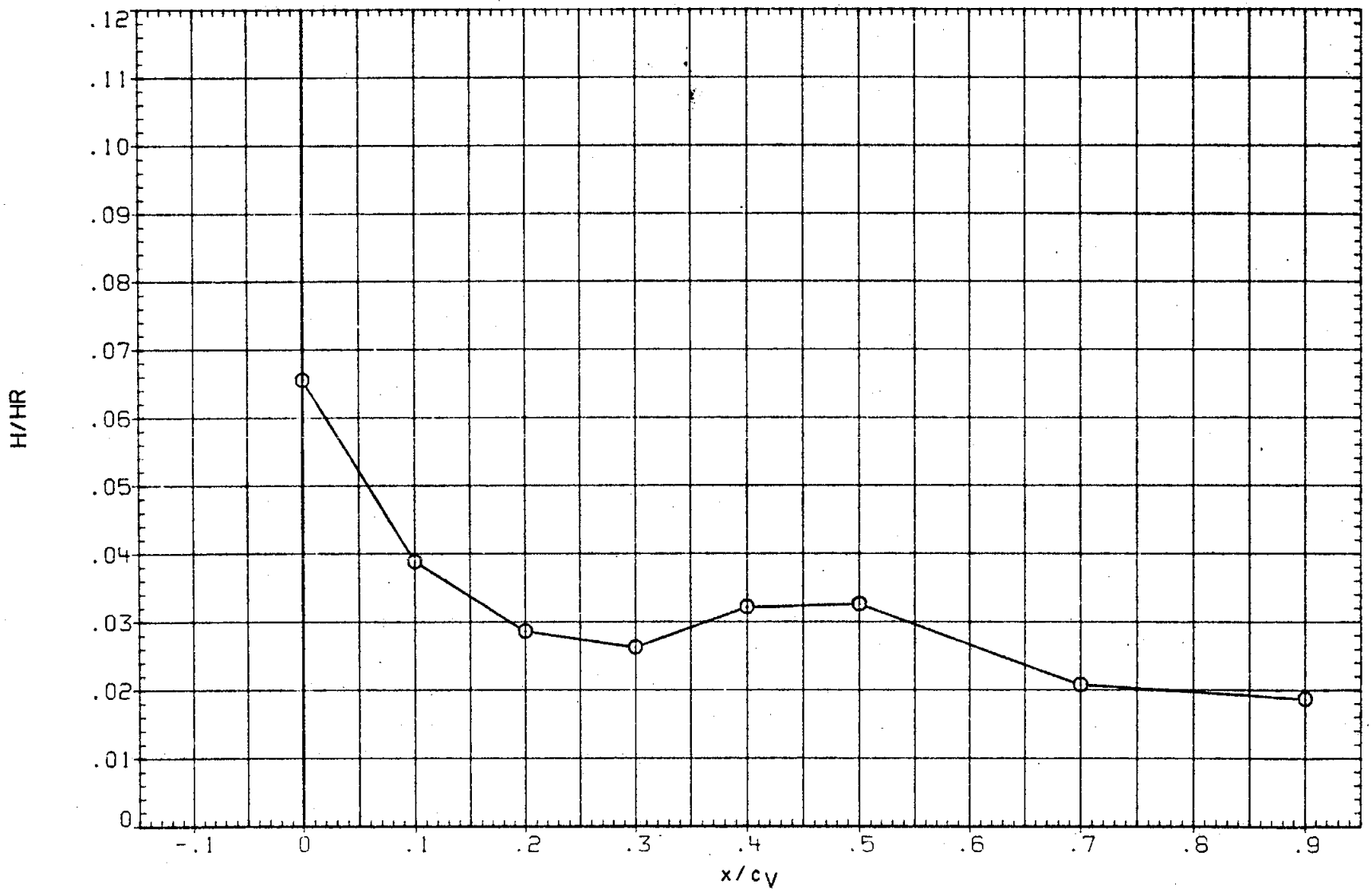


FIG. 21 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV08) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.692	.800	35.068

PARAMETRIC VALUES

MACH 8.000 BETA .002

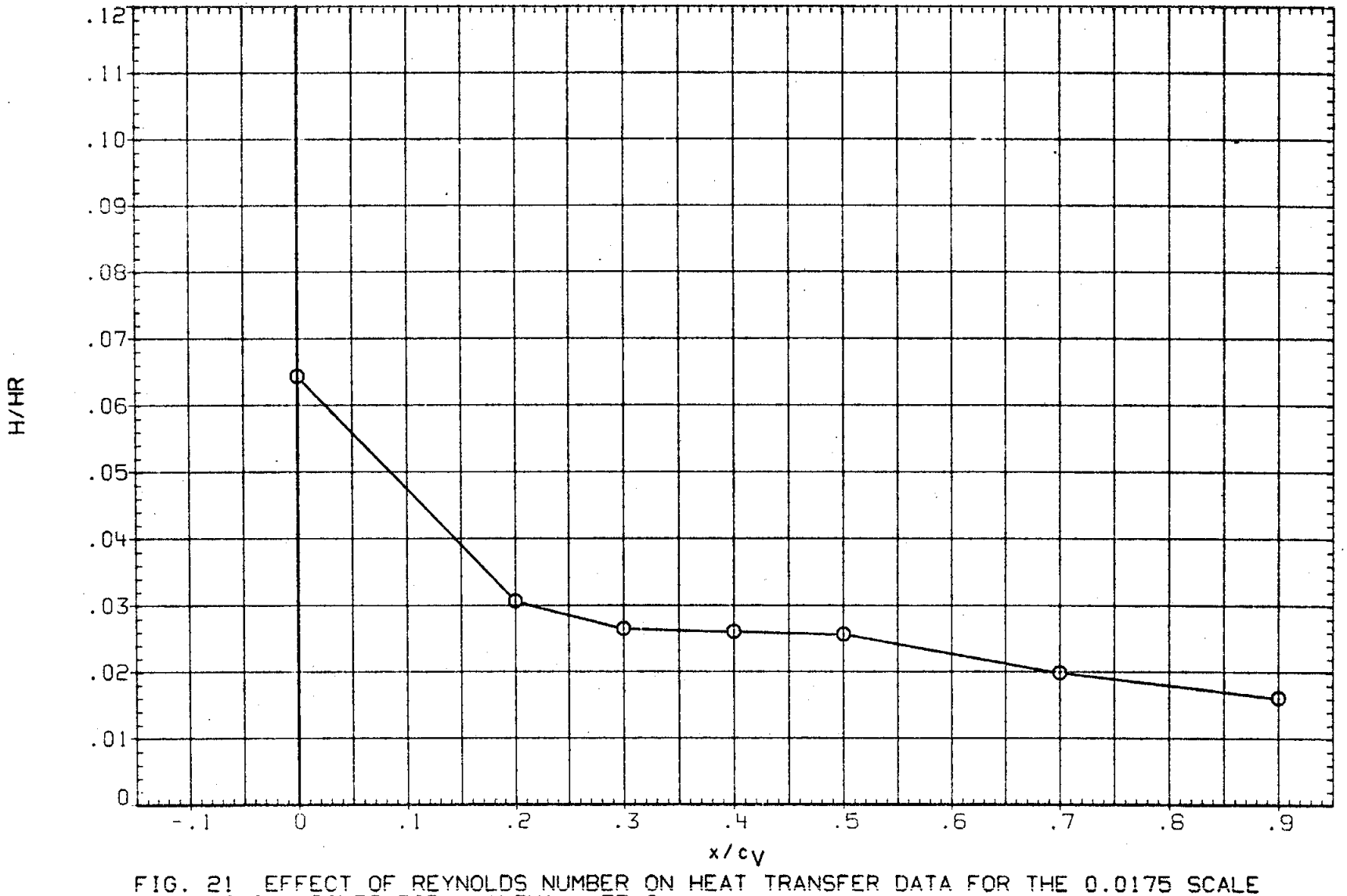


FIG. 21 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV08) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.692	.850	35.068

PARAMETRIC VALUES

MACH 8.000 BETA .002

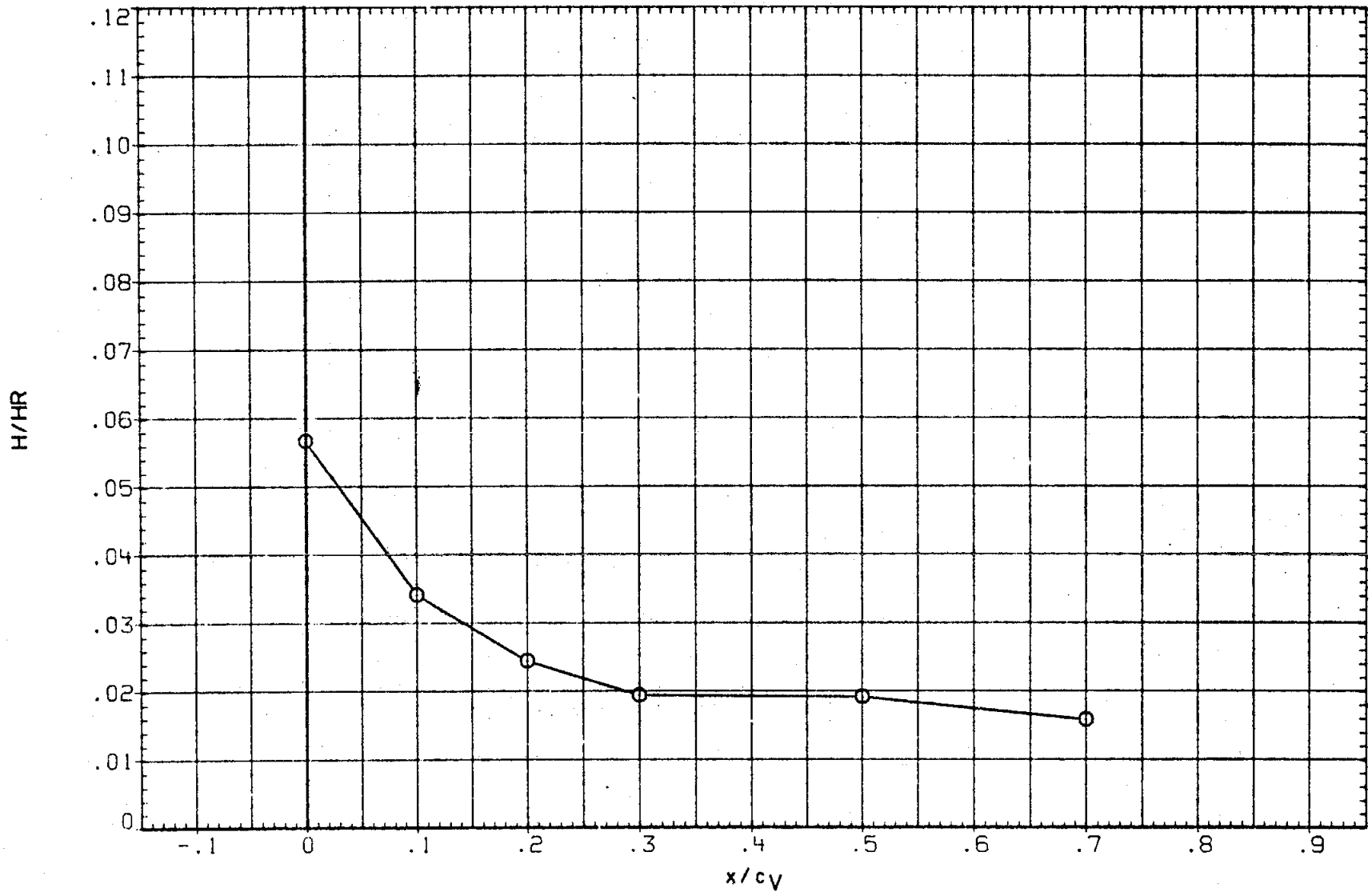


FIG. 21 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV08) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.692	.900	35.068

PARAMETRIC VALUES

MACH 8.000 BETA .002

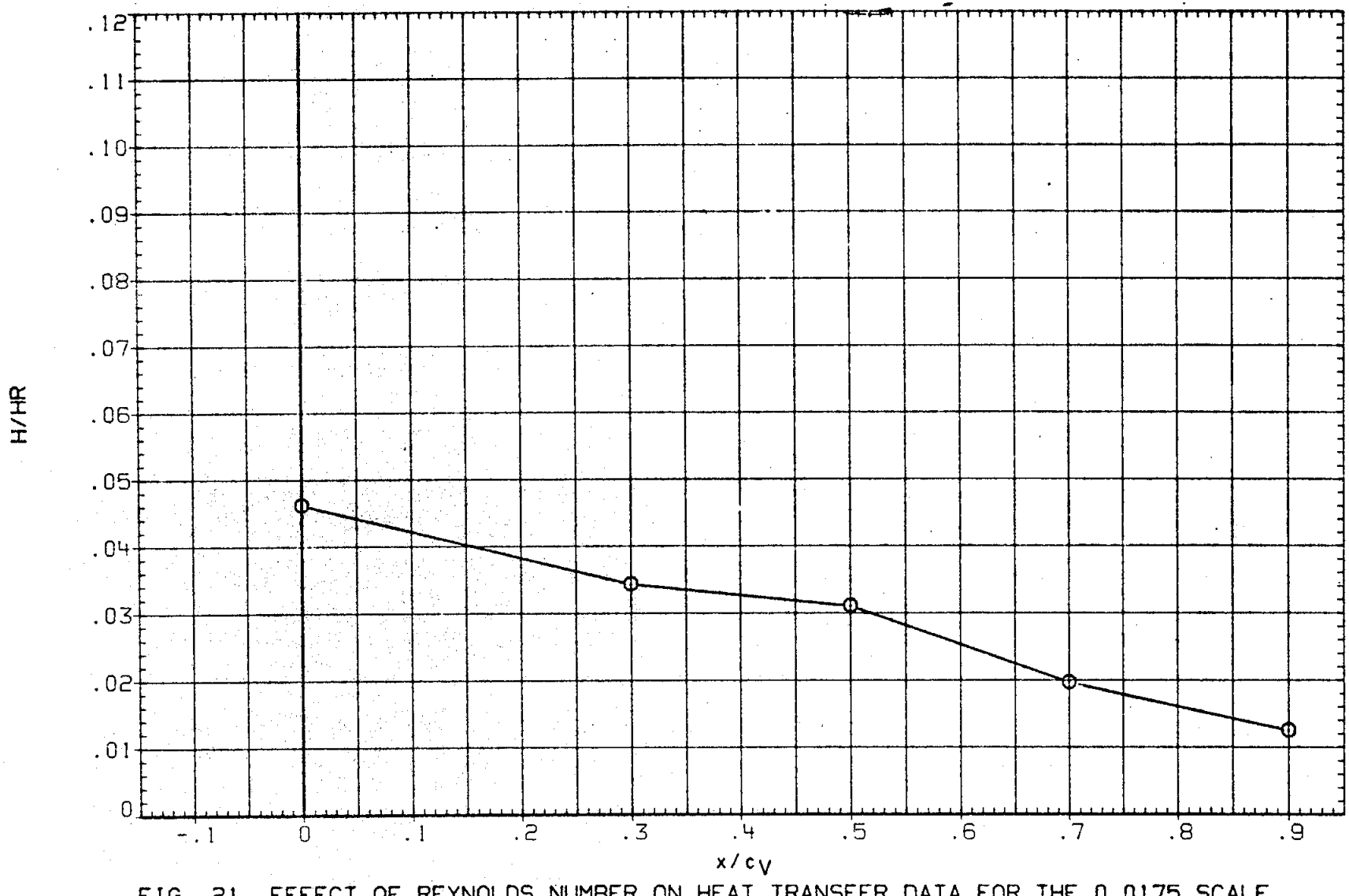


FIG. 21 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV08) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.692	.925	35.068

PARAMETRIC VALUES

MACH 8.000 BETA .002

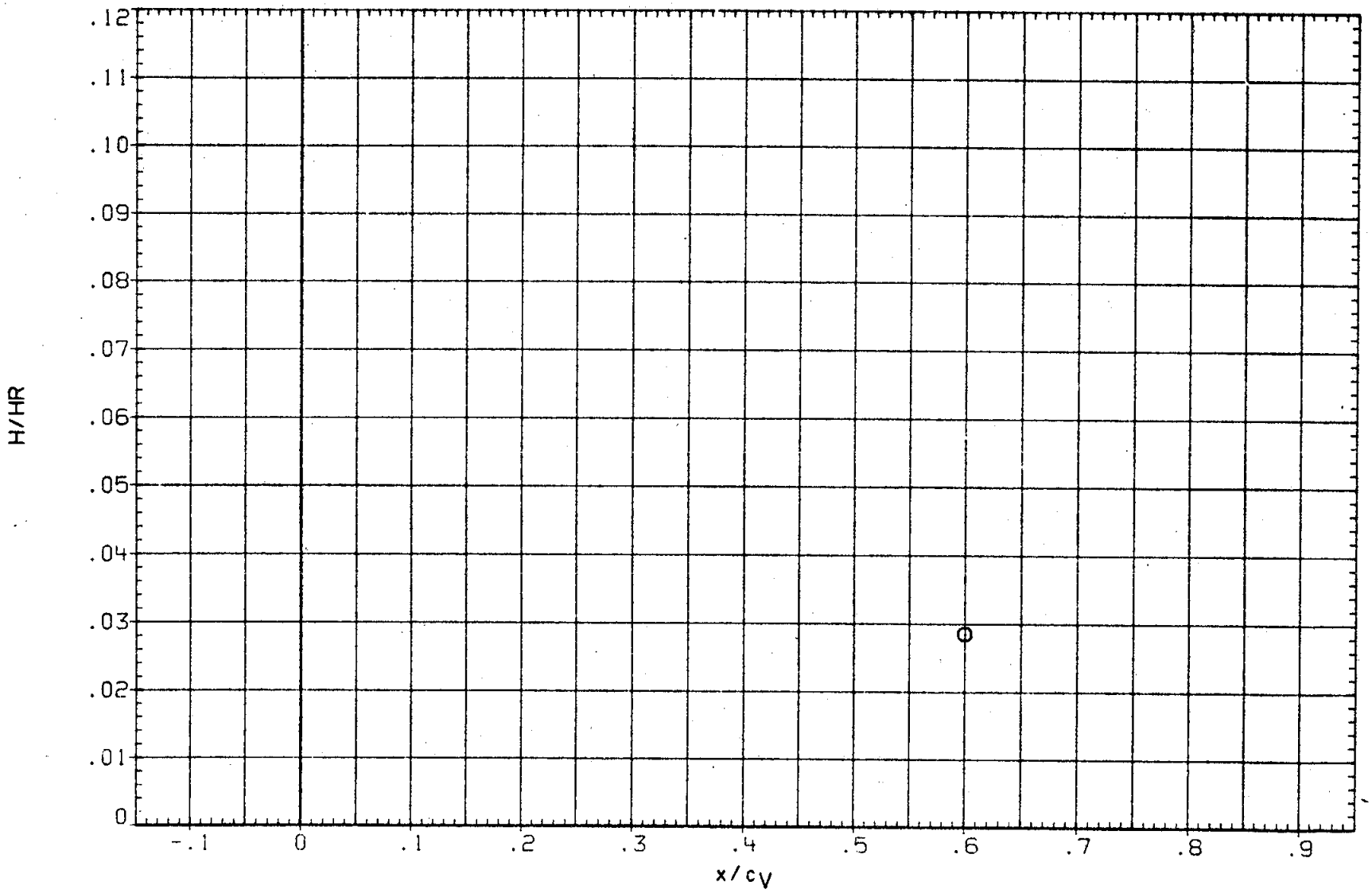


FIG. 21 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV08) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.692	.937	35.068

PARAMETRIC VALUES

MACH 8.000 BETA .002

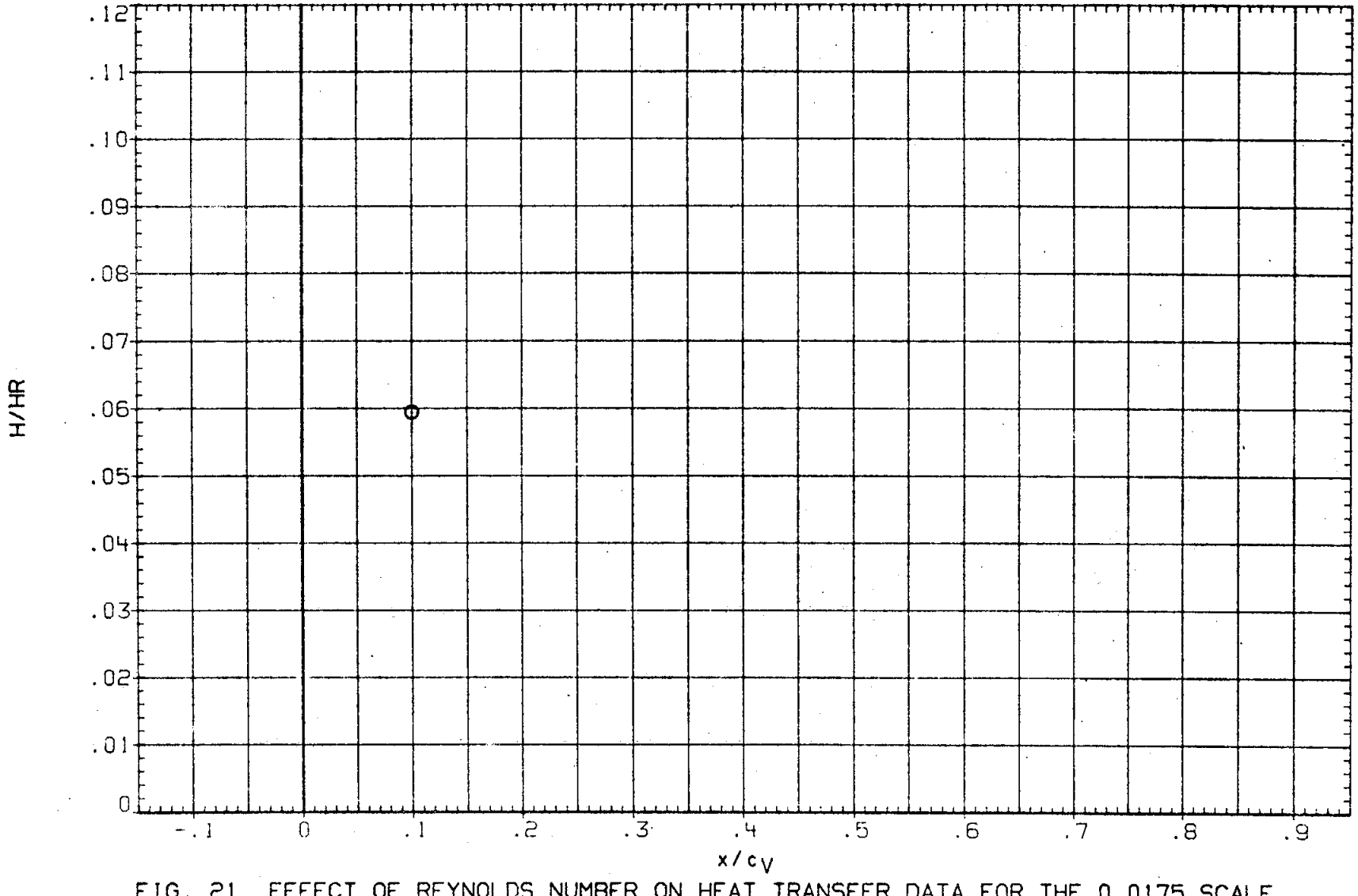


FIG. 21 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV08) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.692	.941	35.068

PARAMETRIC VALUES

MACH 8.000 BETA .002

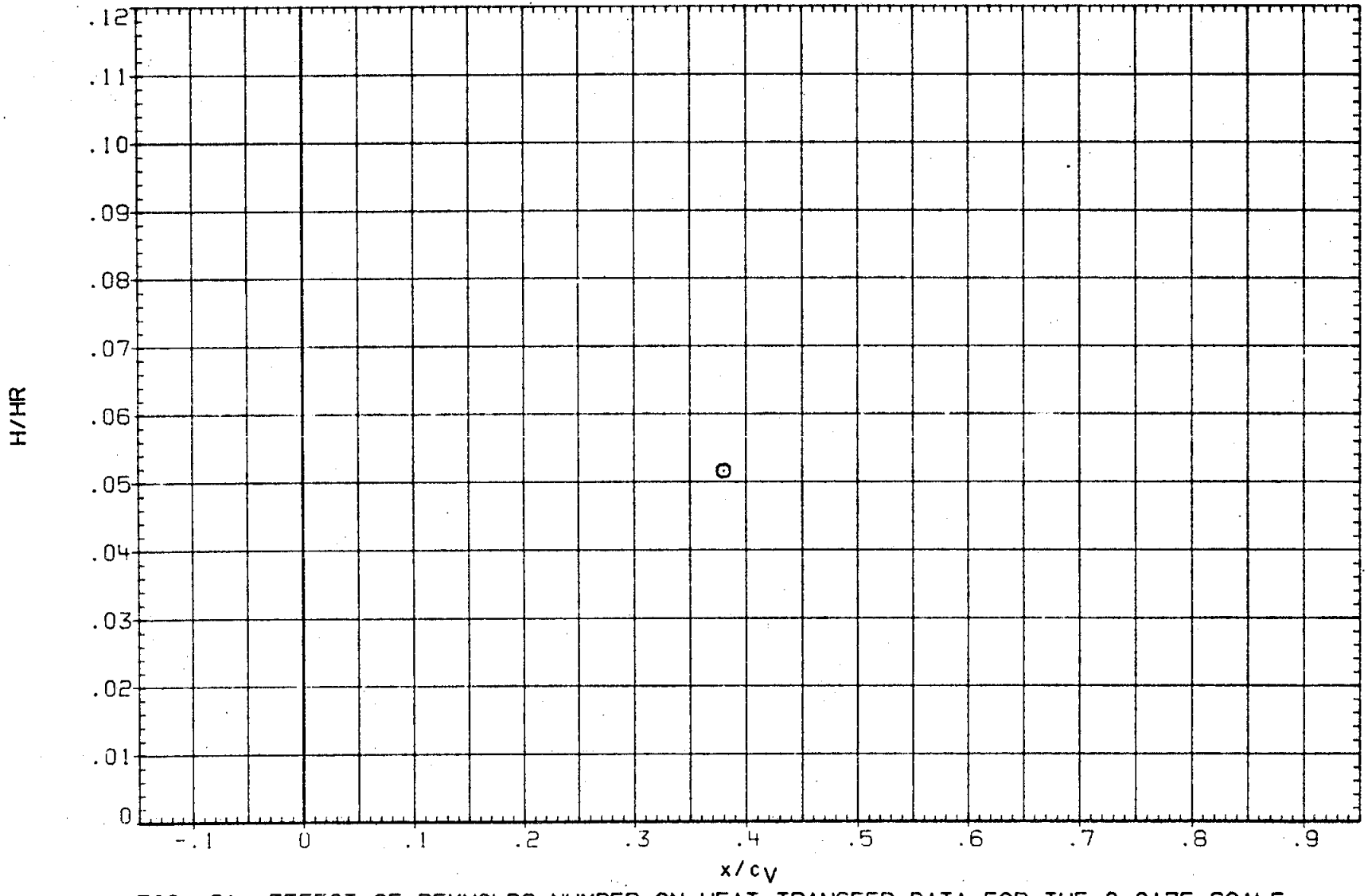


FIG. 21 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV08) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.692	.949	35.068

PARAMETRIC VALUES

MACH 8.000 BETA .002

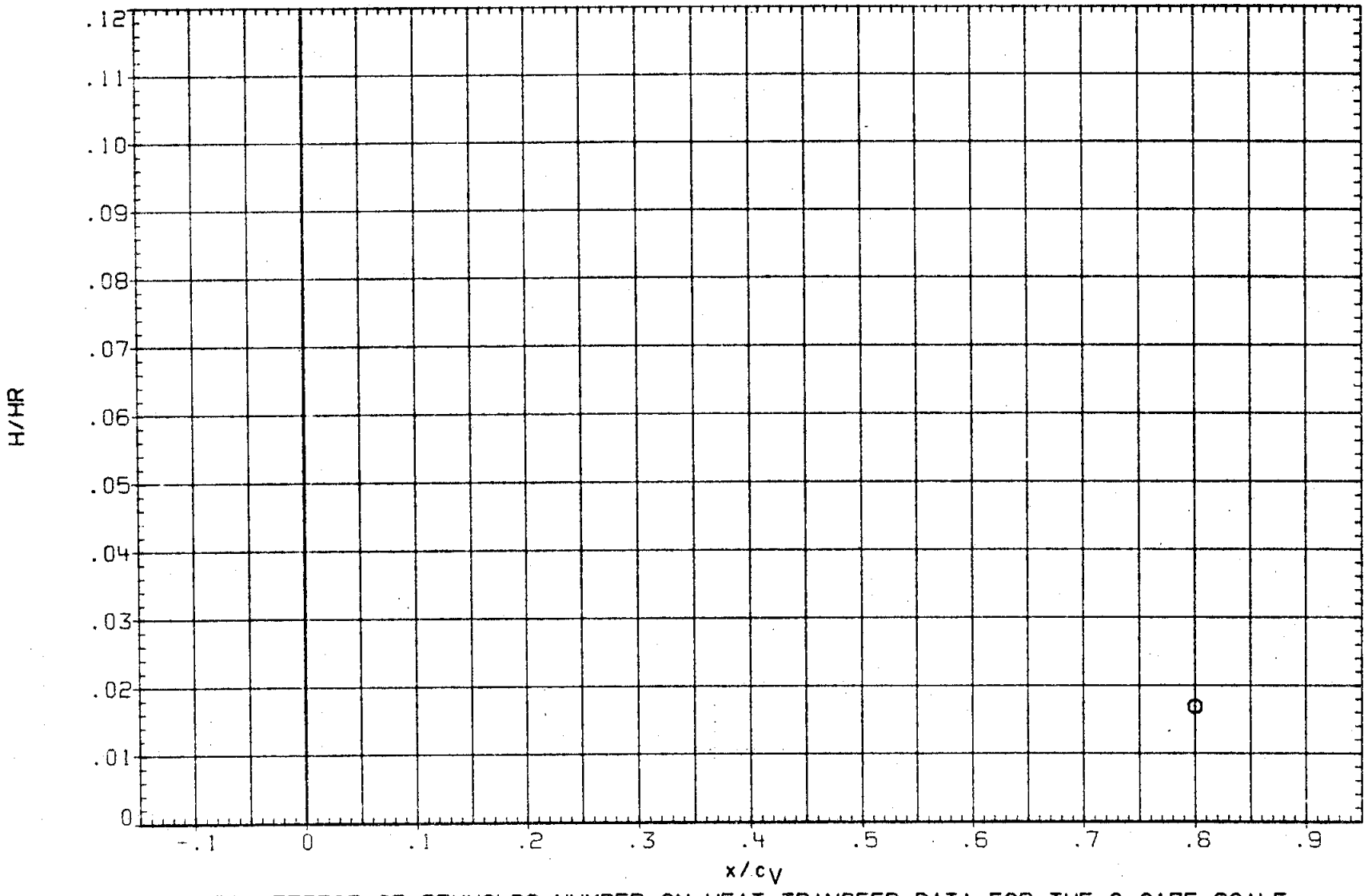


FIG. 21 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV08) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.692	.973	35.068

PARAMETRIC VALUES

MACH 8.000 BETA .002

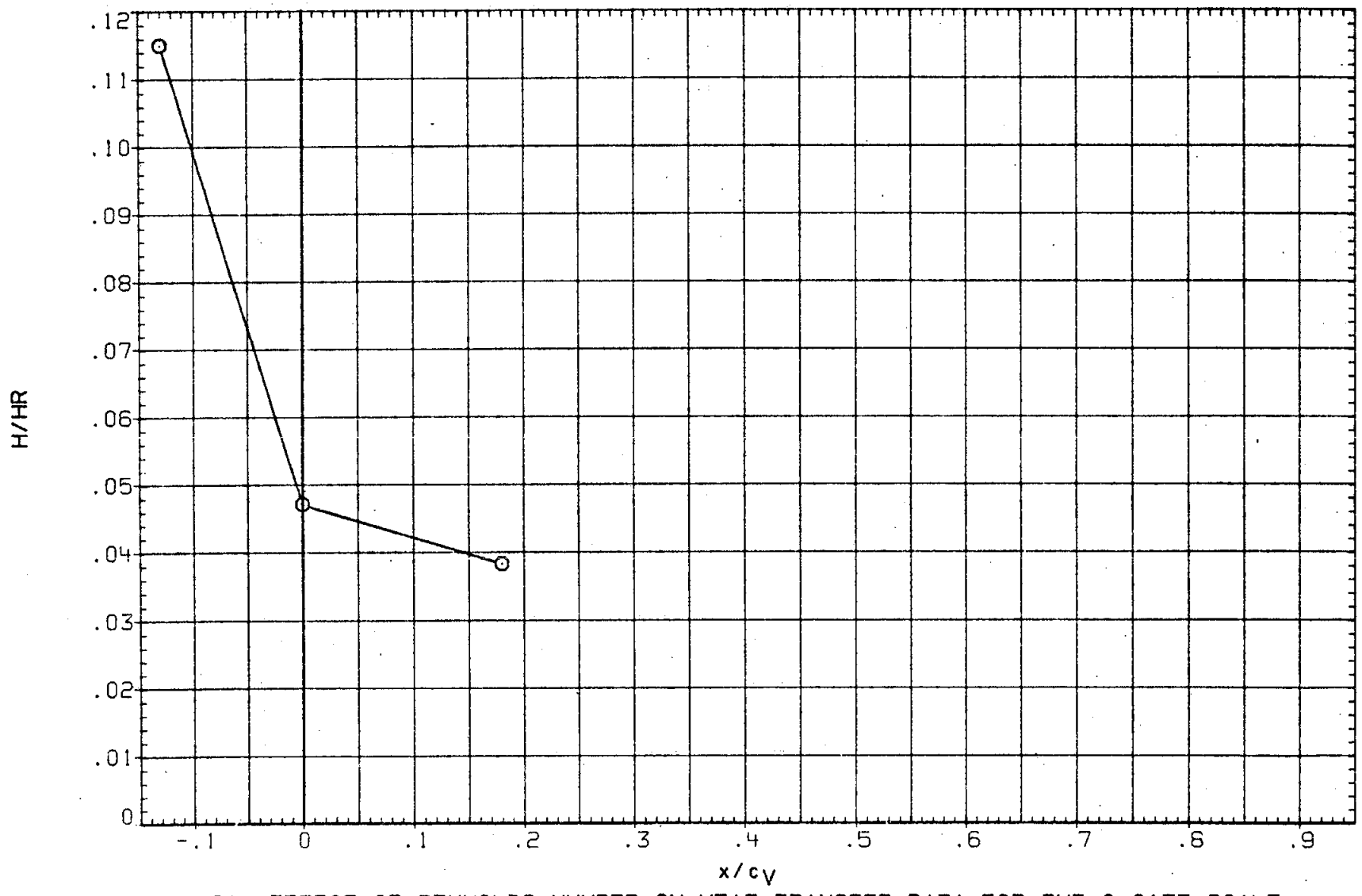


FIG. 21 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV08) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.692	1.000	35.068

PARAMETRIC VALUES

MACH 8.000 BETA .002

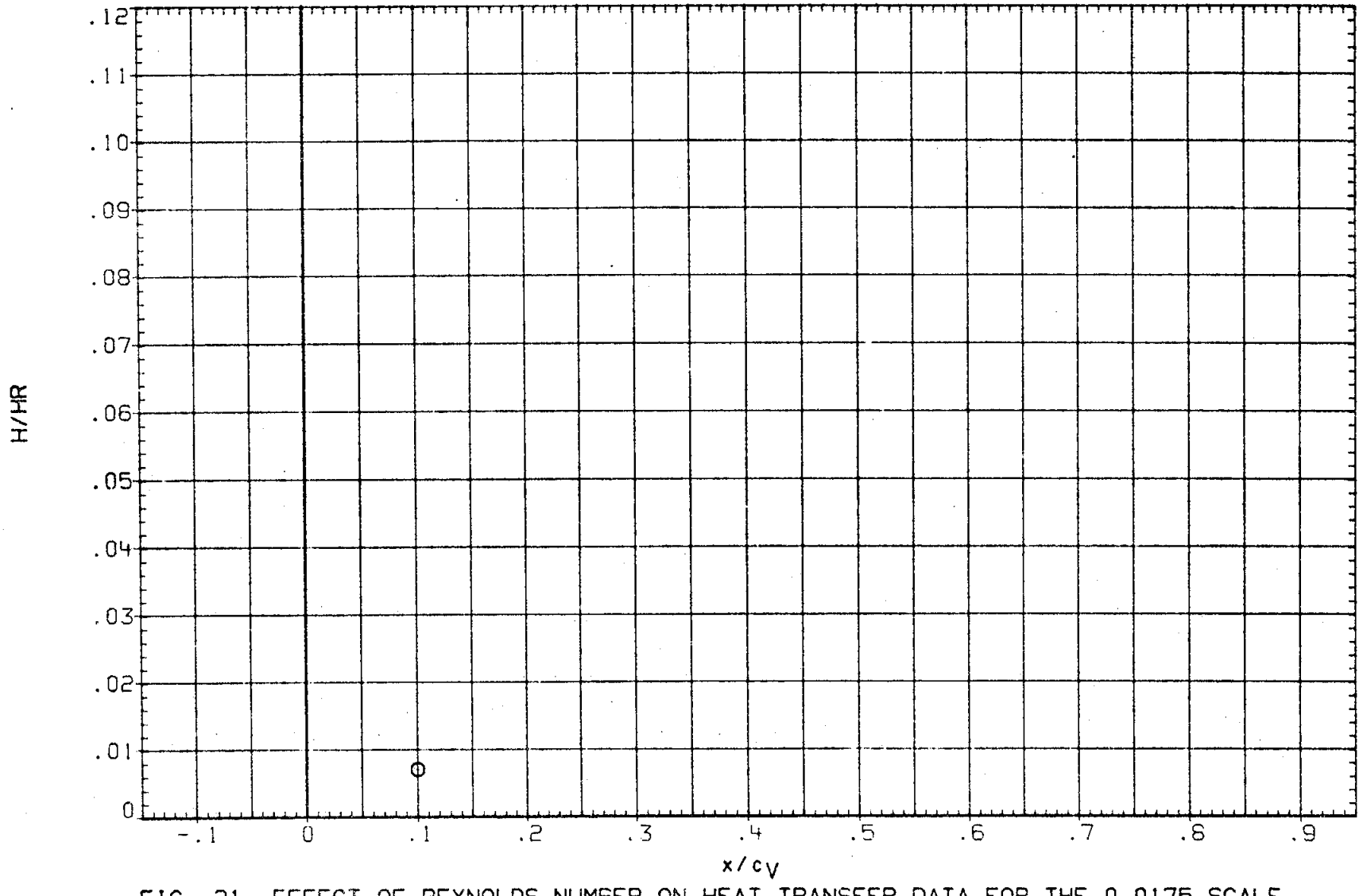


FIG. 21 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV09) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.578	.700	35.026
□	1.008		
◇	1.995		
△	3.004		
◁	3.673		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

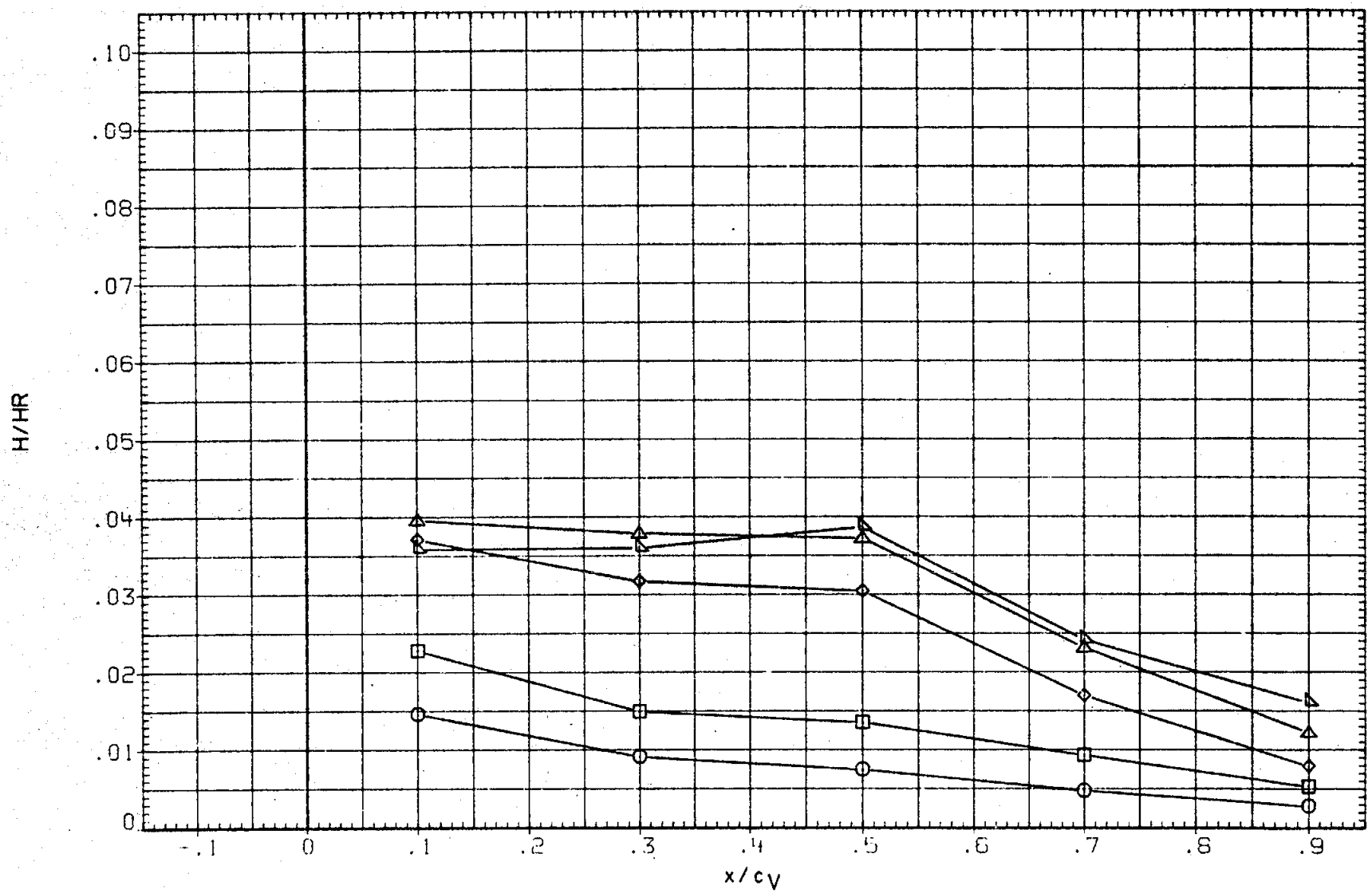


FIG. 22 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV09) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.578	.750	35.026
□	1.008		
◇	1.995		
△	3.004		
◺	3.673		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

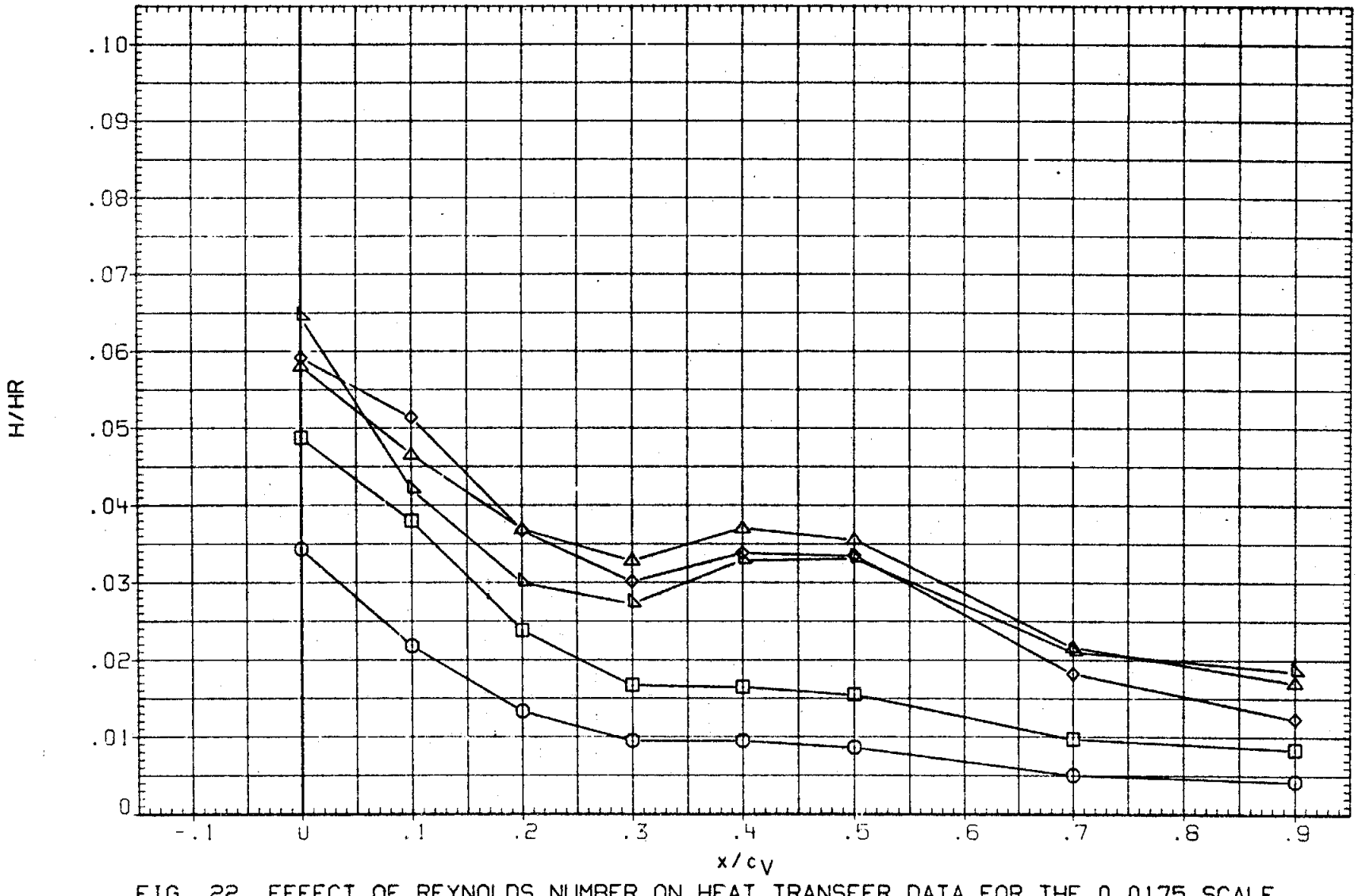


FIG. 22 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV09) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.578	.800	35.026
□	1.008		
◇	1.995		
△	3.004		
◺	3.673		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

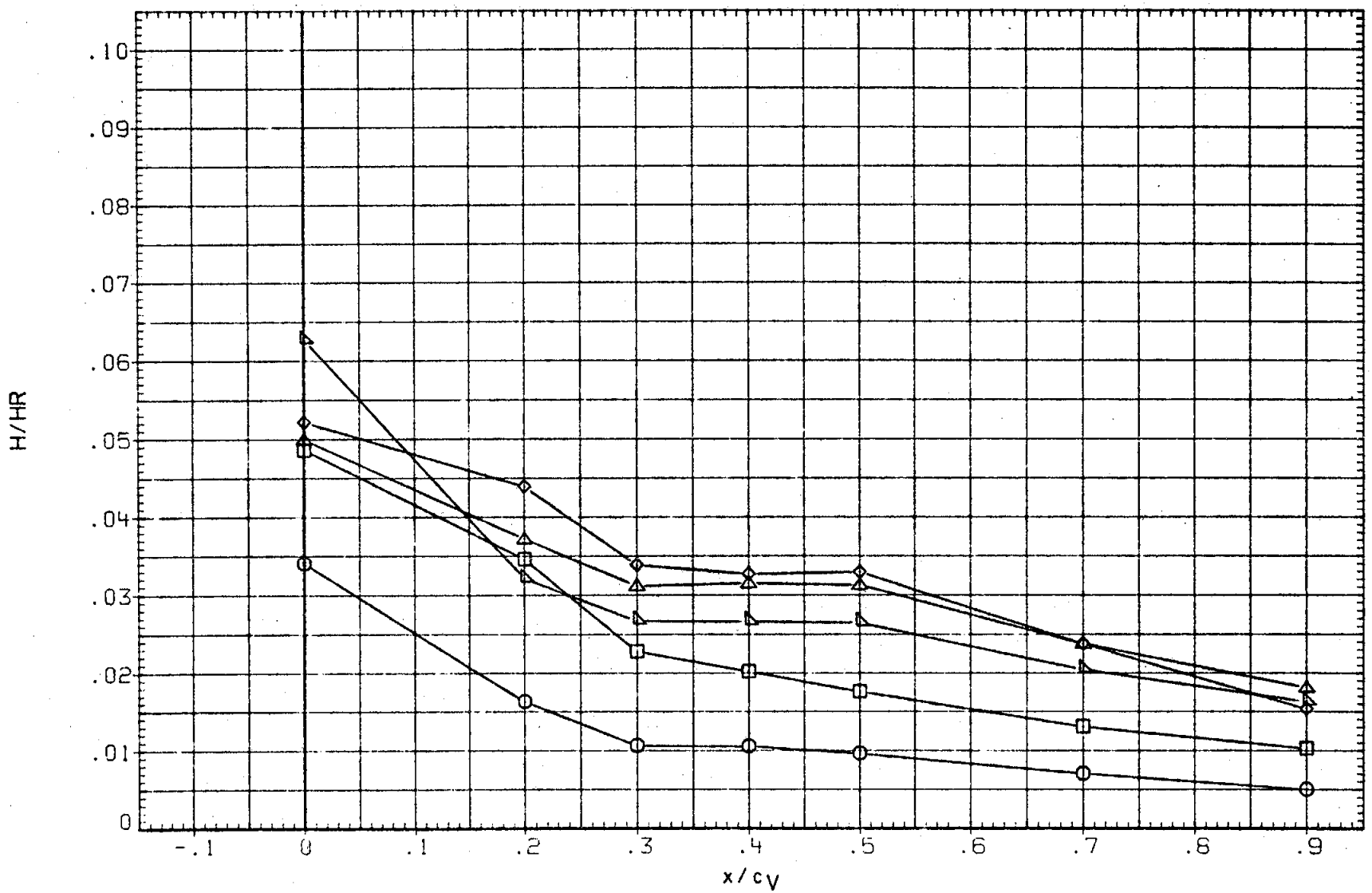


FIG. 22 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV09) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.578	.850	35.026
□	1.008		
◇	1.995		
△	3.004		
◁	3.673		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

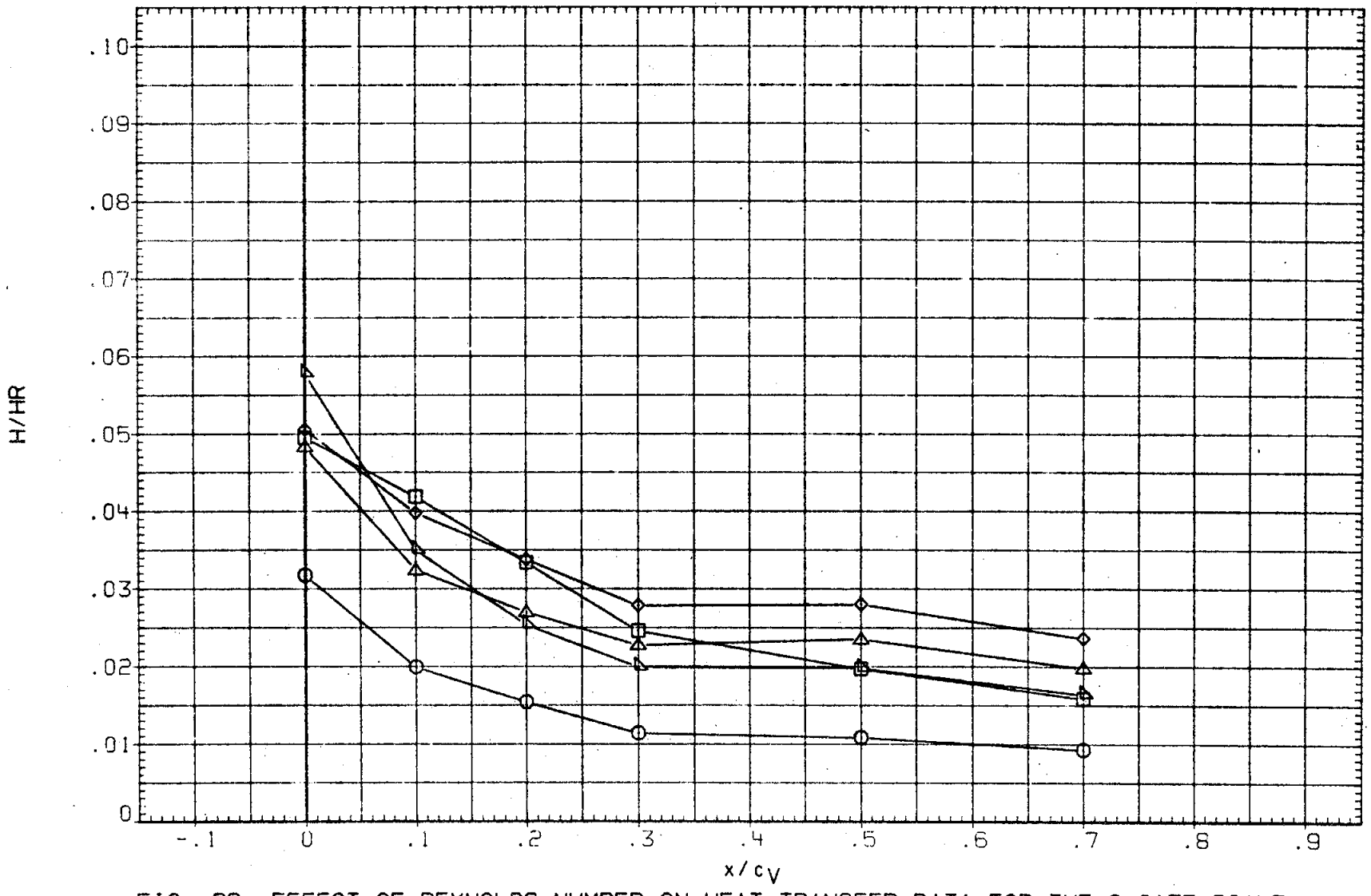


FIG. 22 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

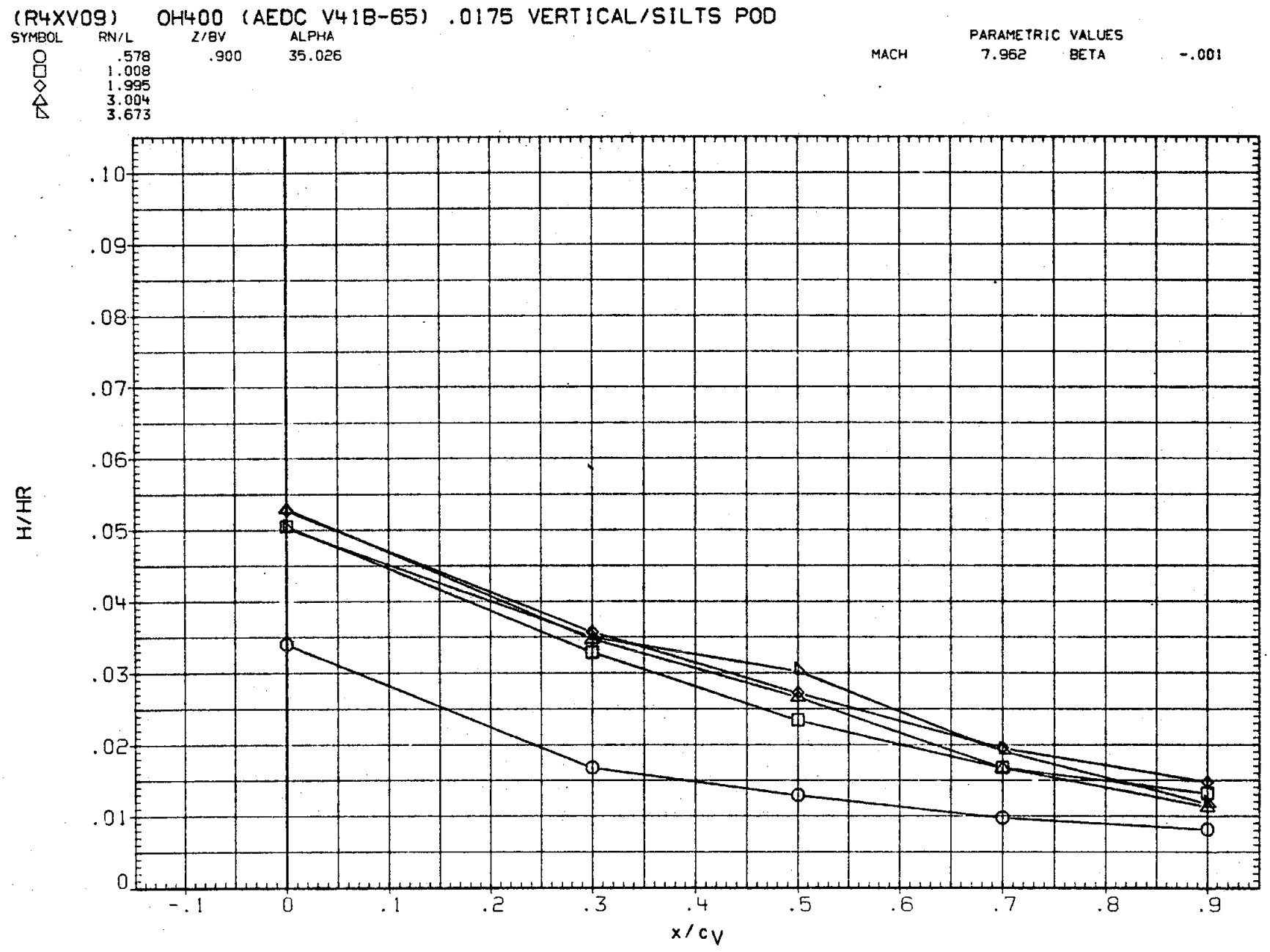


FIG. 22 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV09) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.578	.925	35.026
□	1.008		
◇	1.995		
△	3.004		
◺	3.673		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

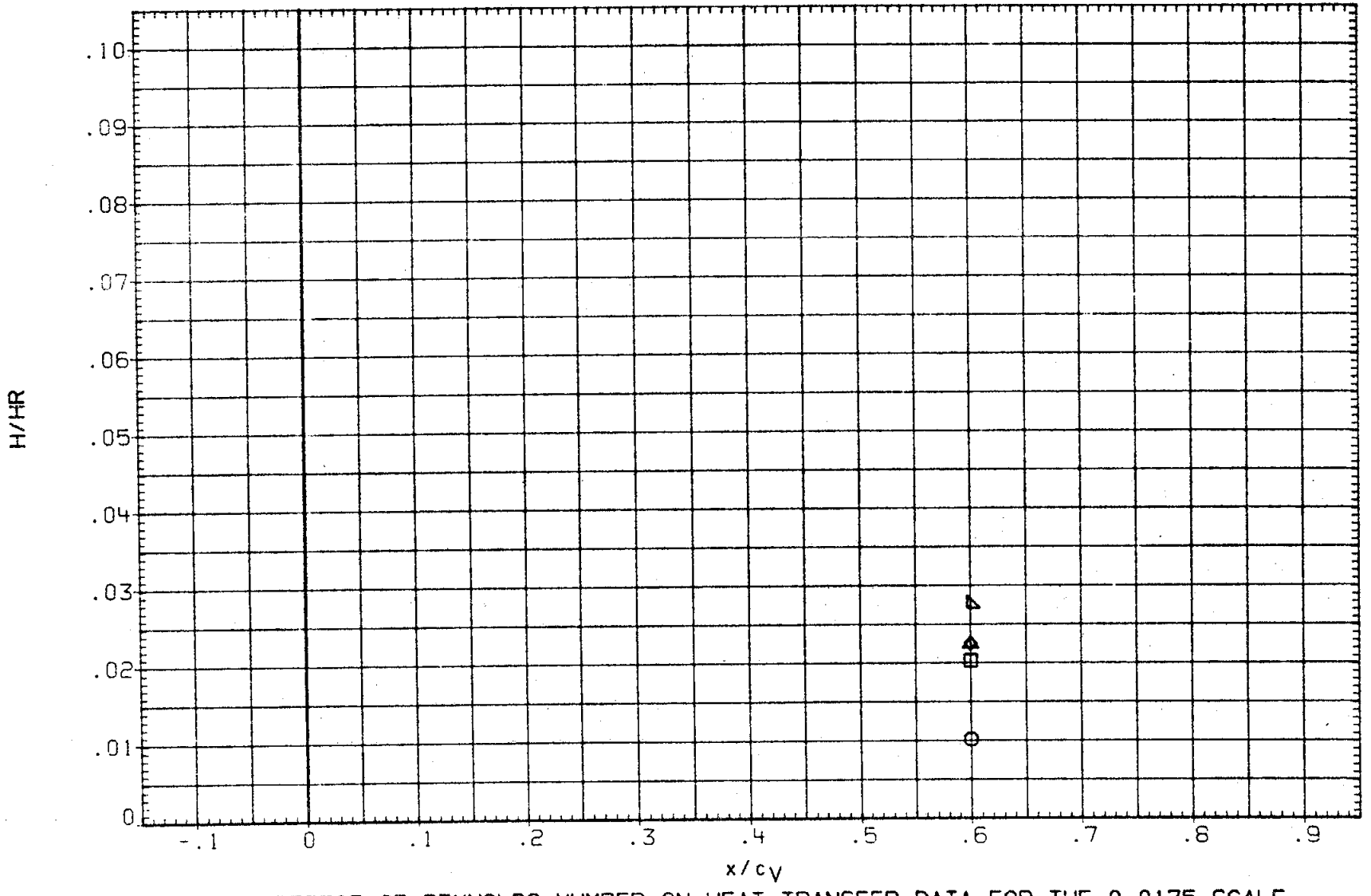


FIG. 22 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV09) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.578	.937	35.026
□	1.008		
◇	1.995		
△	3.004		
◺	3.673		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

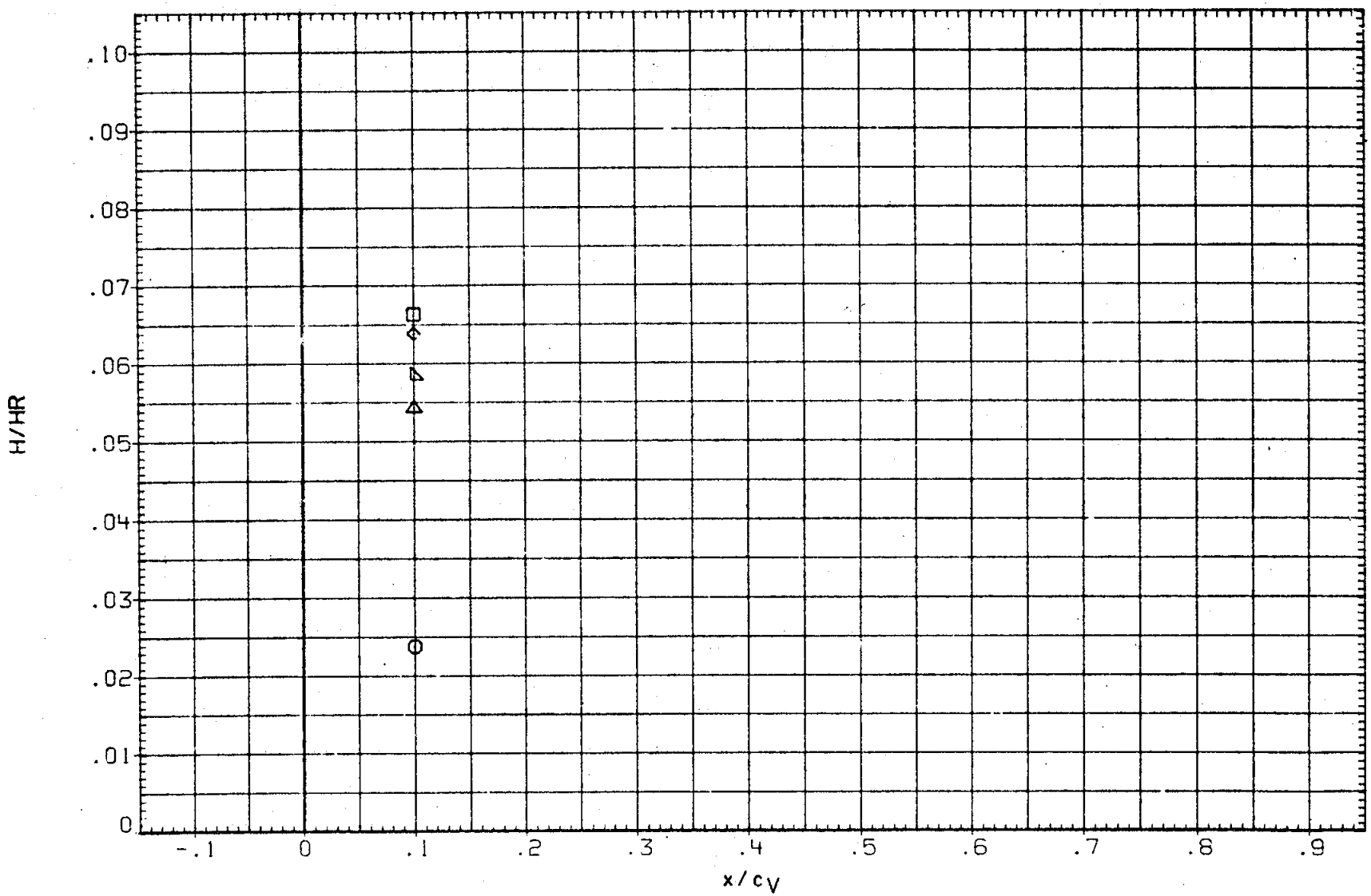


FIG. 22 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV09) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.578	.941	35.026
□	1.008		
◇	1.995		
△	3.004		
◁	3.673		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

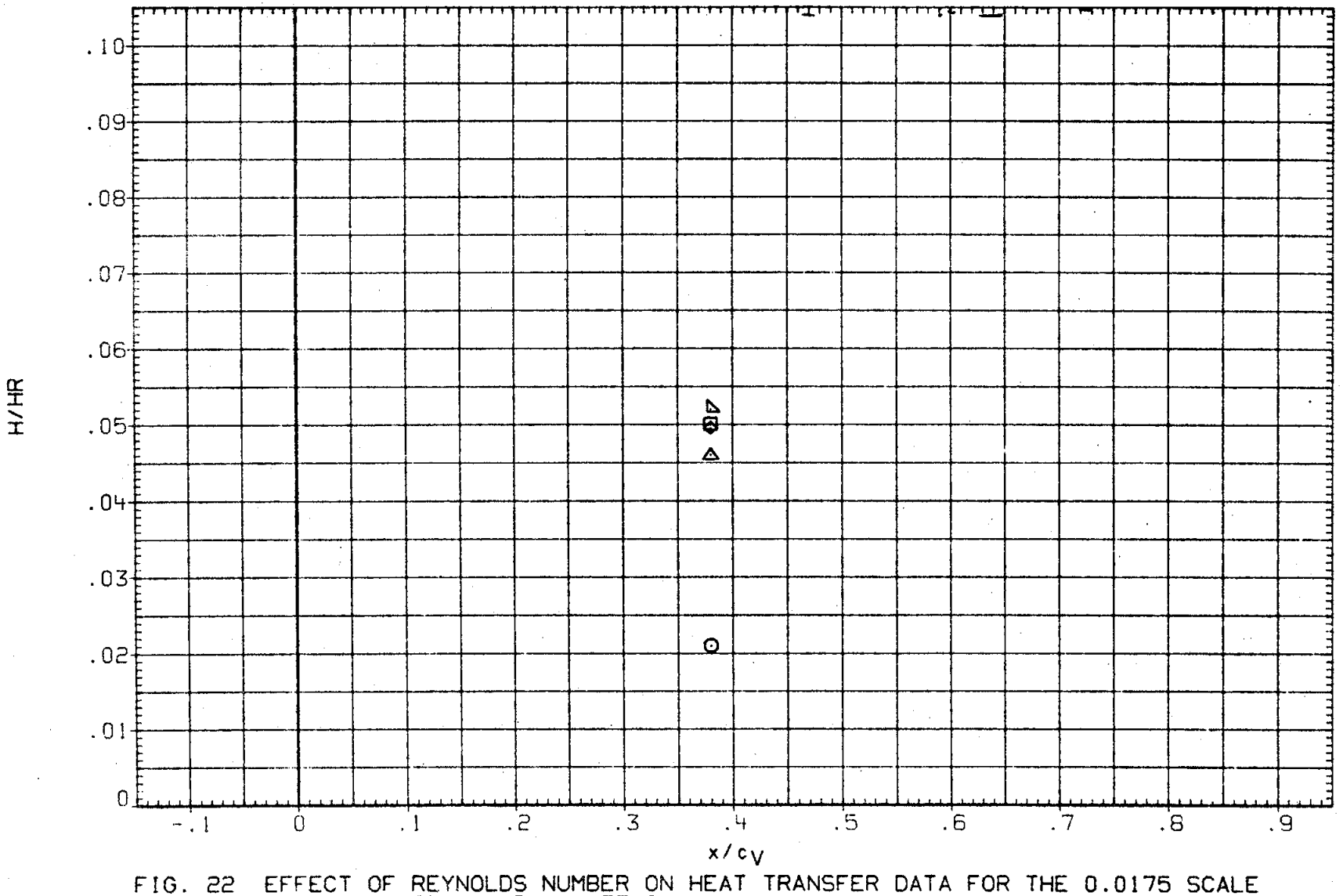


FIG. 22 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV09) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.578	.949	35.026
□	1.008		
◇	1.995		
△	3.004		
▽	3.673		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

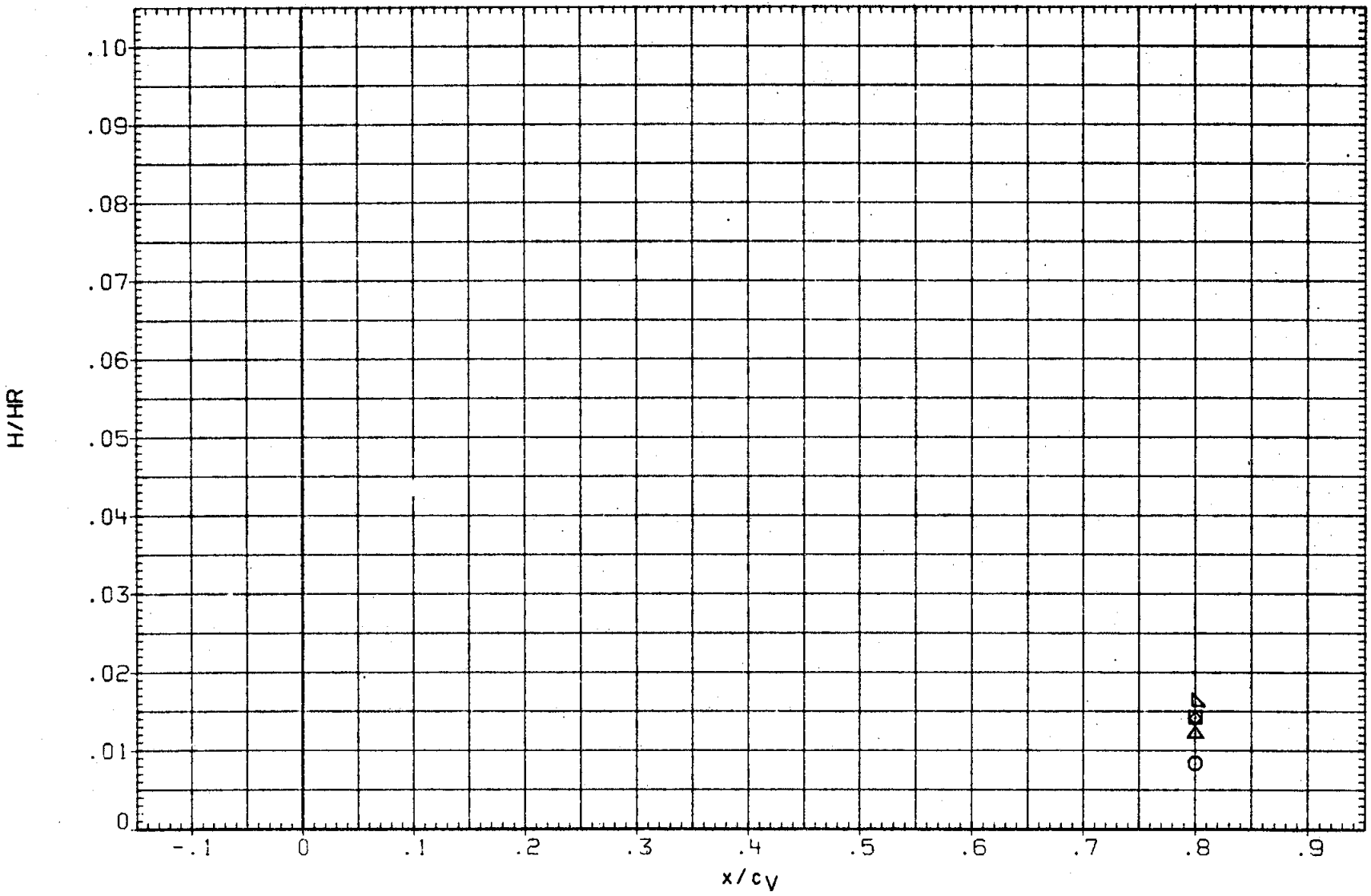


FIG. 22 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV09) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.578	.973	35.026
□	1.008		
◇	1.995		
△	3.004		
◁	3.673		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

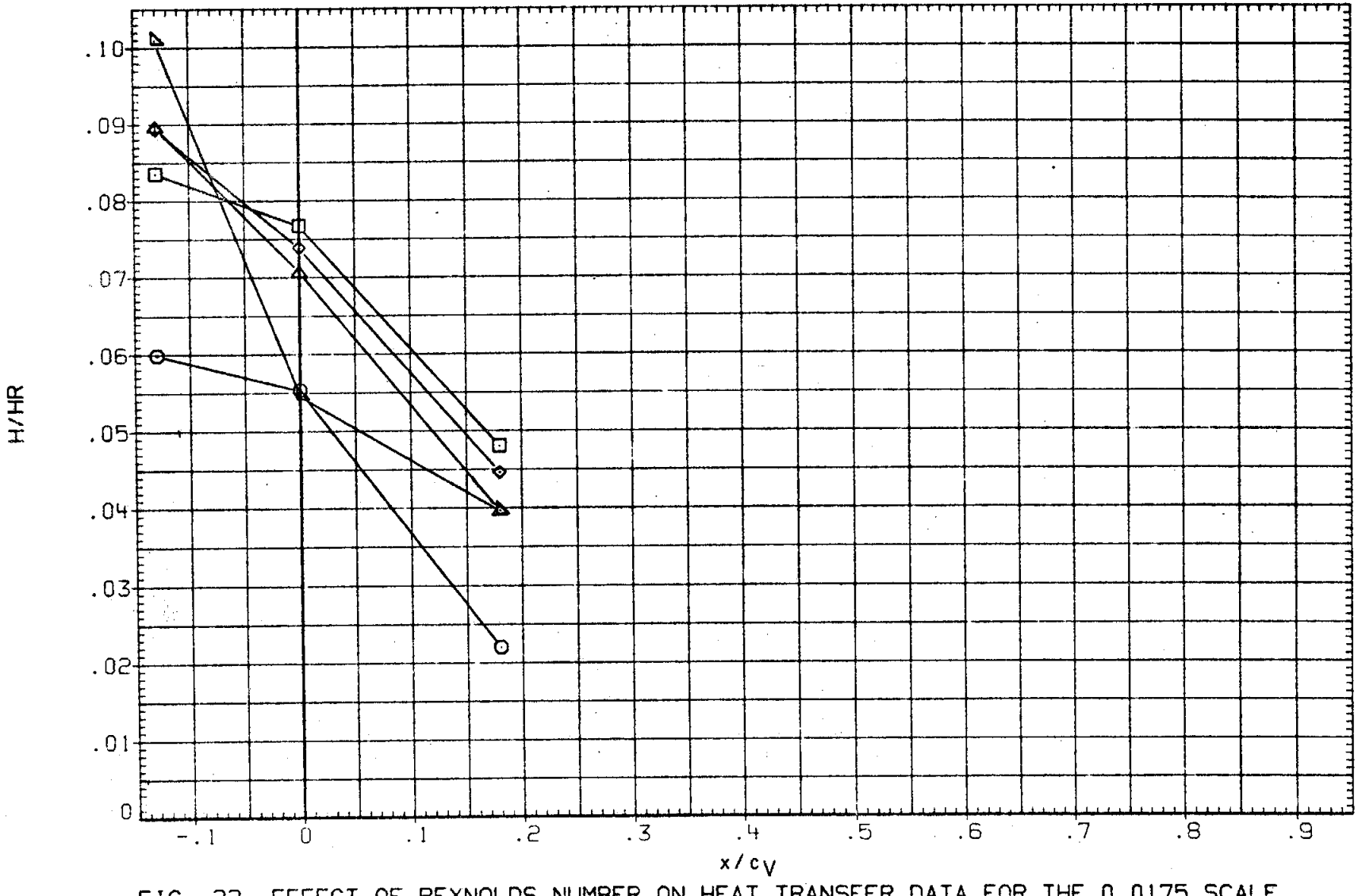


FIG. 22 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV09) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.578	1.000	35.026
□	1.008		
◇	1.995		
△	3.004		
◺	3.673		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

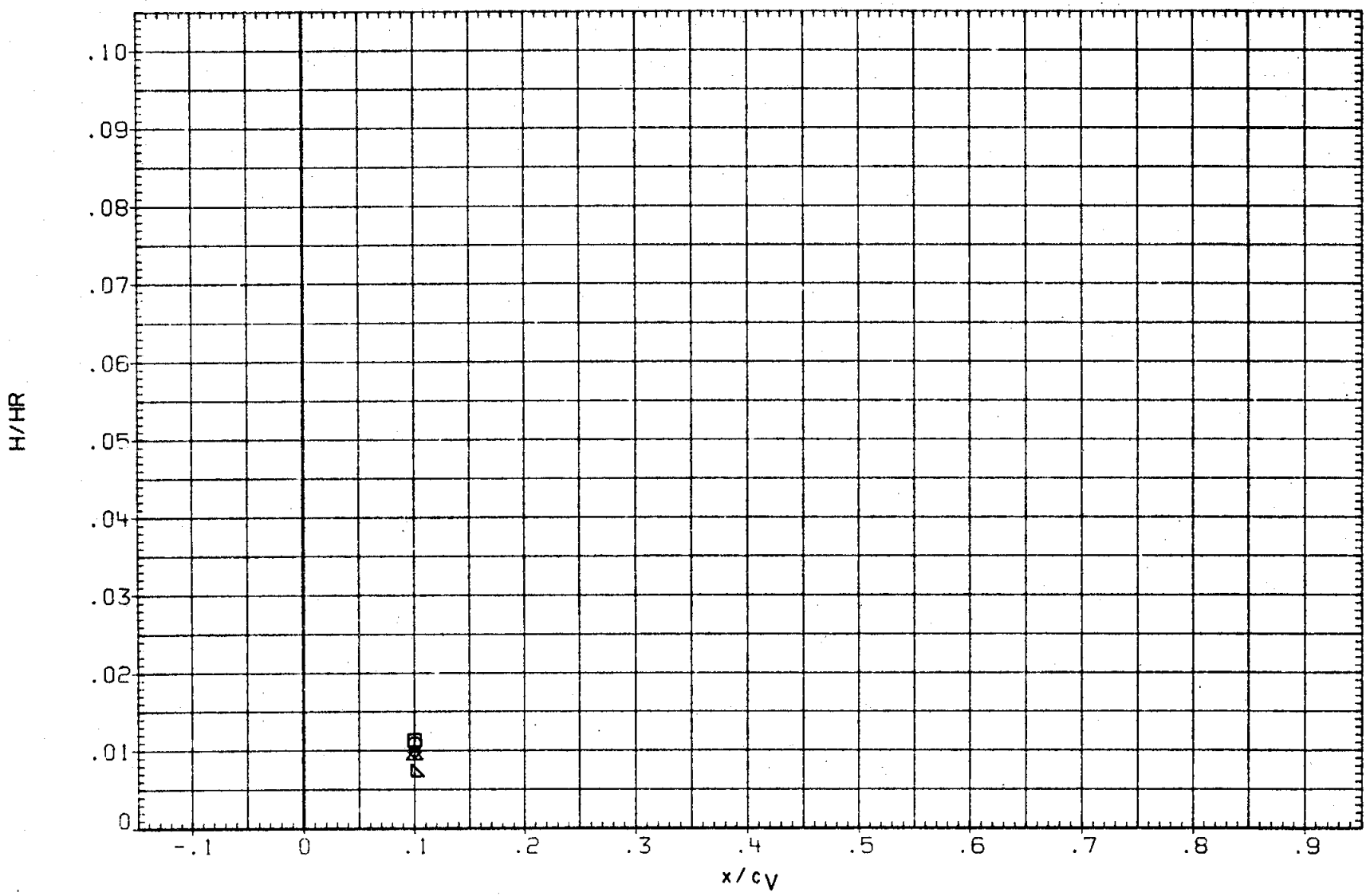


FIG. 22 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV10) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.686	.700	35.156

PARAMETRIC VALUES

MACH 8.000 BETA -.003

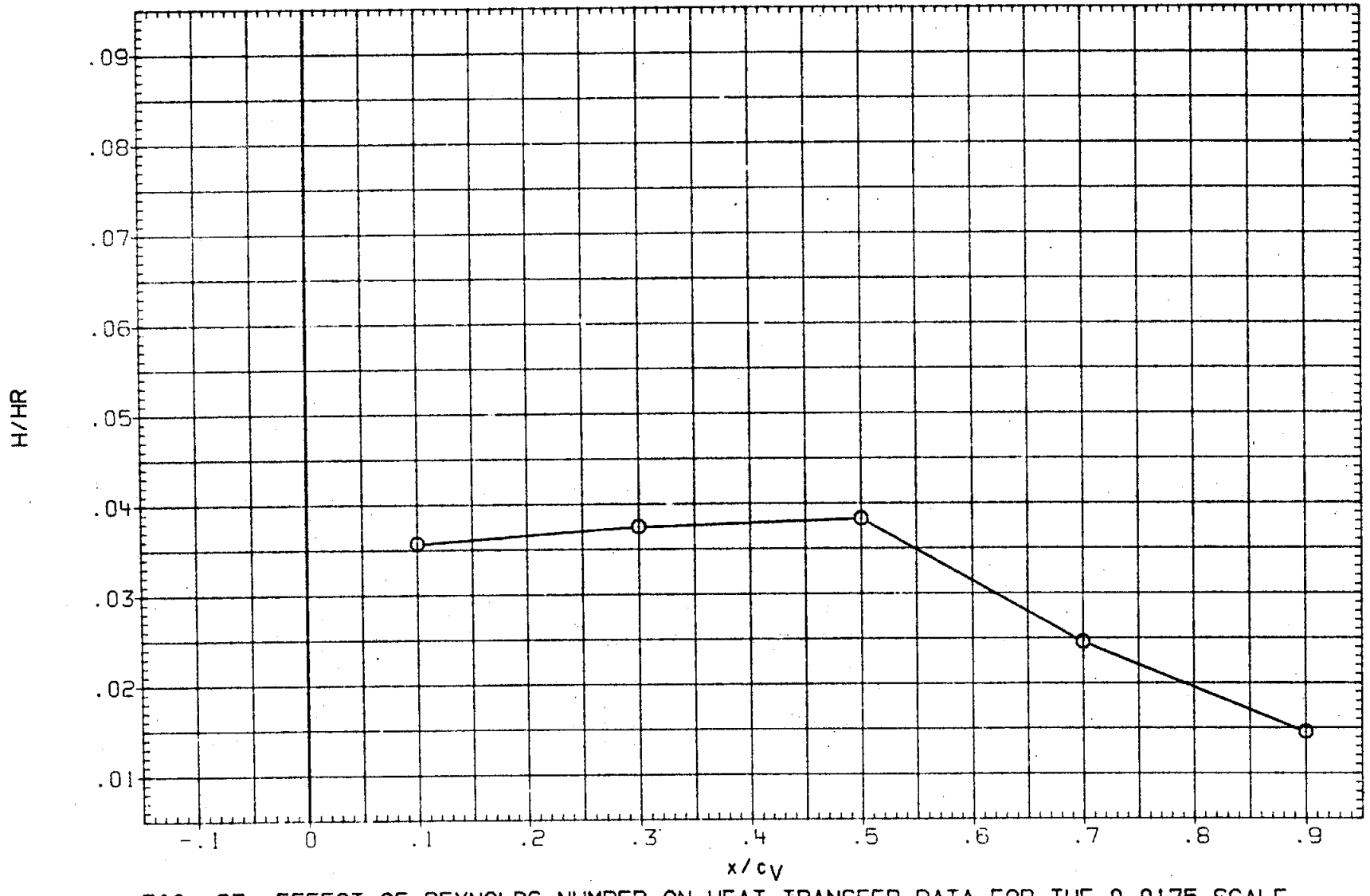


FIG. 23 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV10) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.680	.750	35.156

PARAMETRIC VALUES

MACH 8.000 BETA -.003

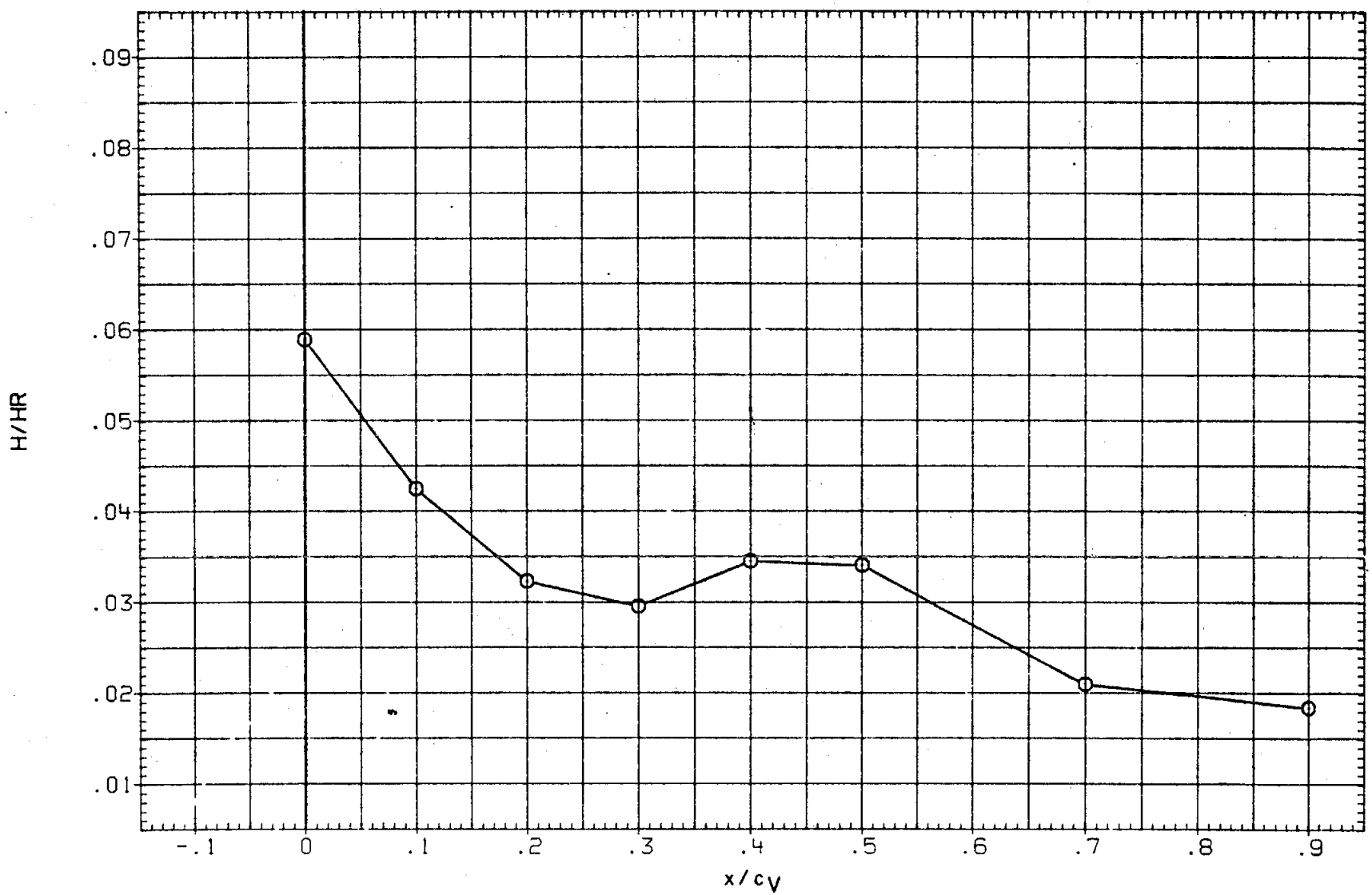


FIG. 23 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV10) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.686	.800	35.156

PARAMETRIC VALUES

MACH 8.000 BETA -.003

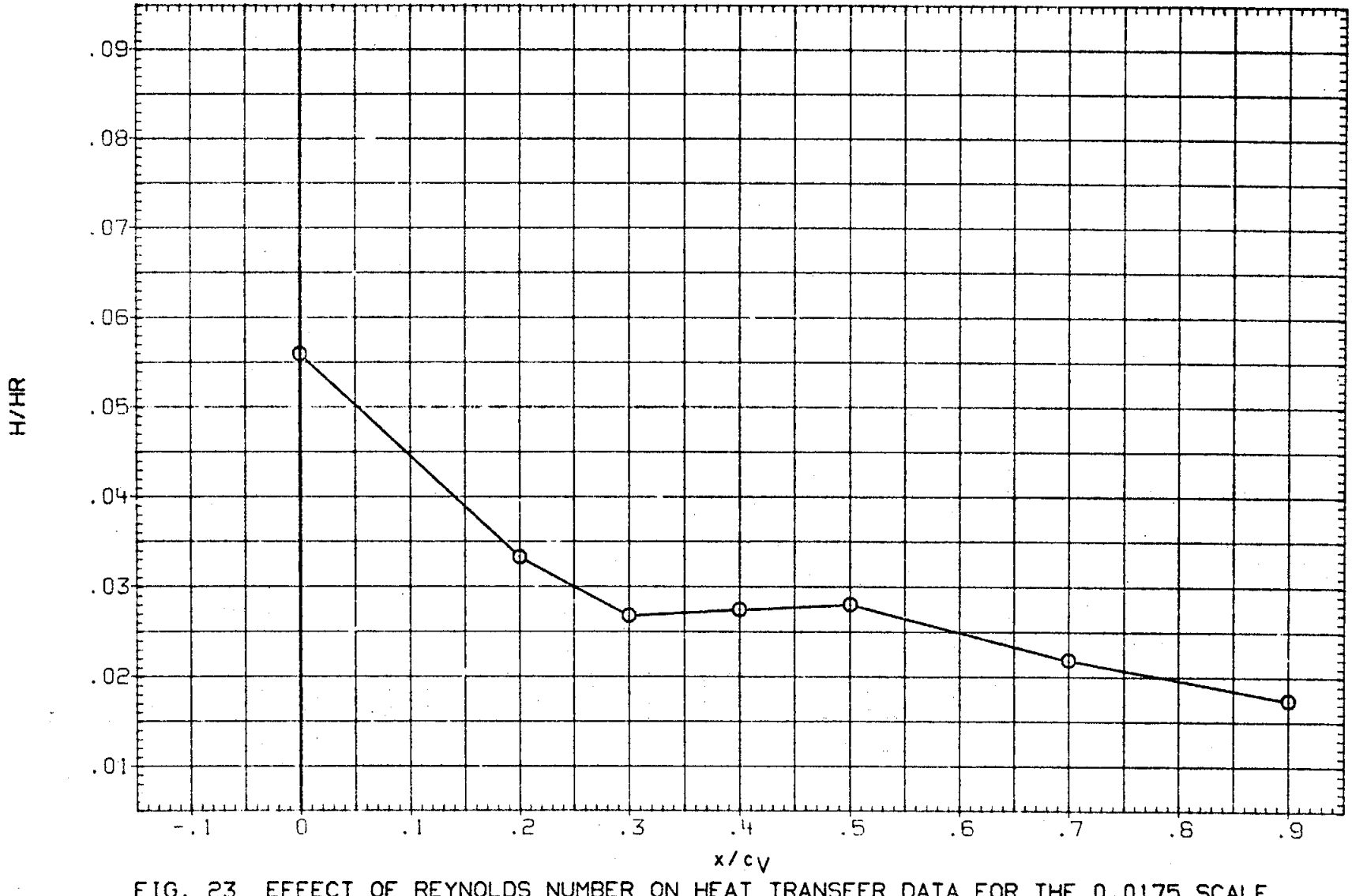


FIG. 23 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV10) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.686	.850	35.156

PARAMETRIC VALUES

MACH 8.000 BETA -.003

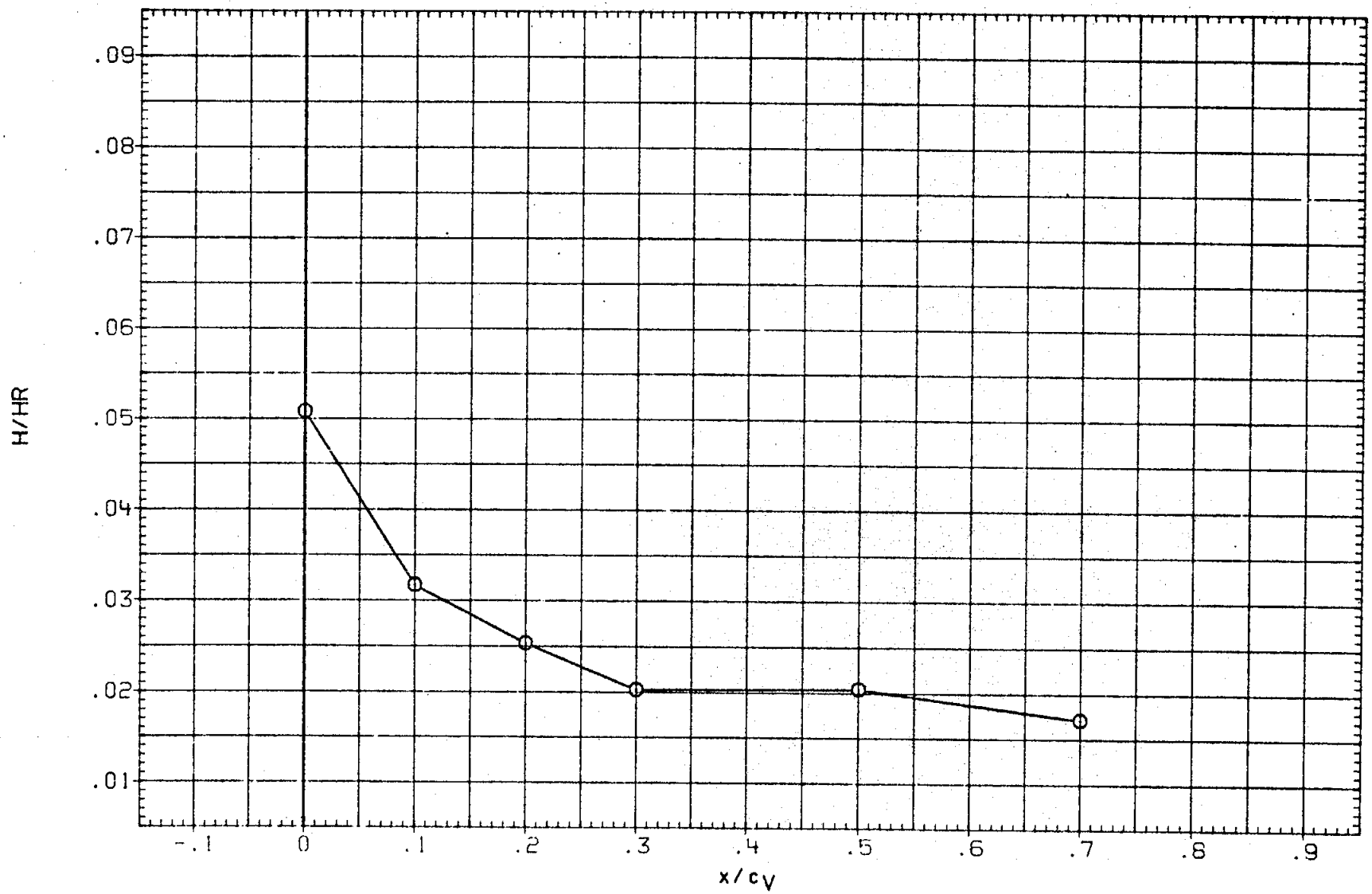


FIG. 23 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV10) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.686	.900	35.155

PARAMETRIC VALUES

MACH 8.000 BETA -.003

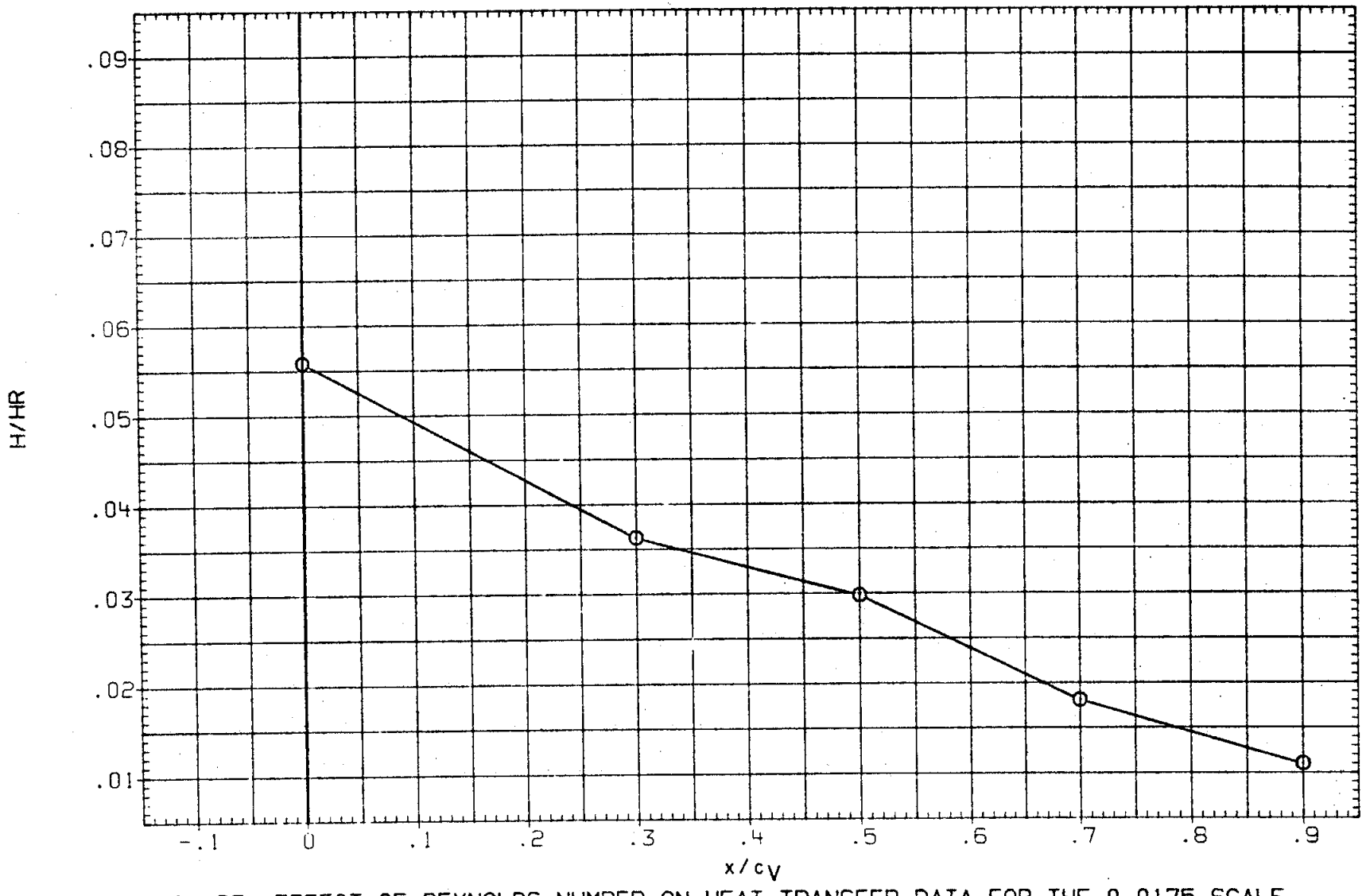


FIG. 23 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV10) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.68F	.925	35.156

PARAMETRIC VALUES

MACH 8.000 BETA -.003

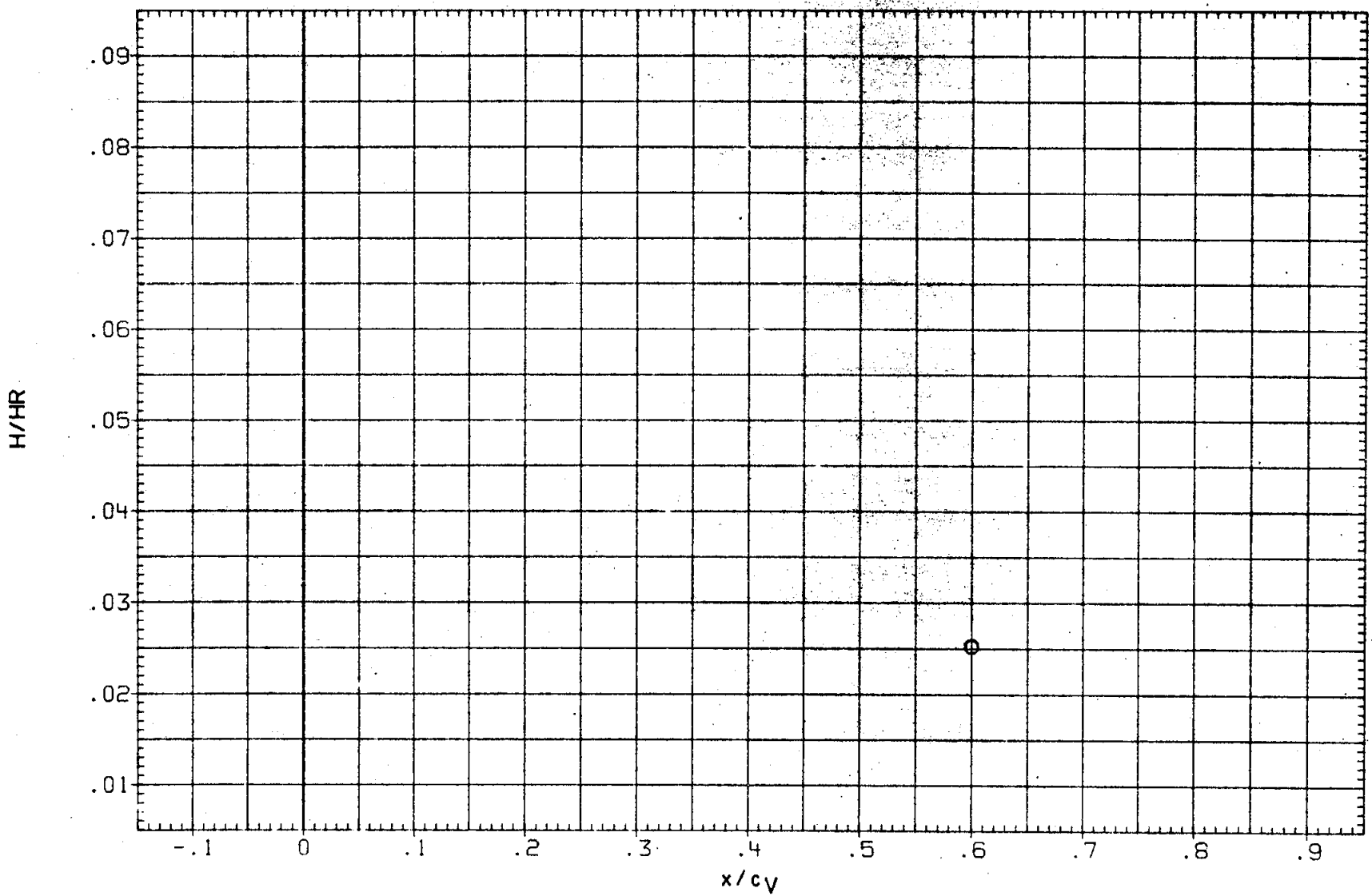


FIG. 23 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV10) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.686	.937	35.156

PARAMETRIC VALUES

MACH 8.000 BETA -.003

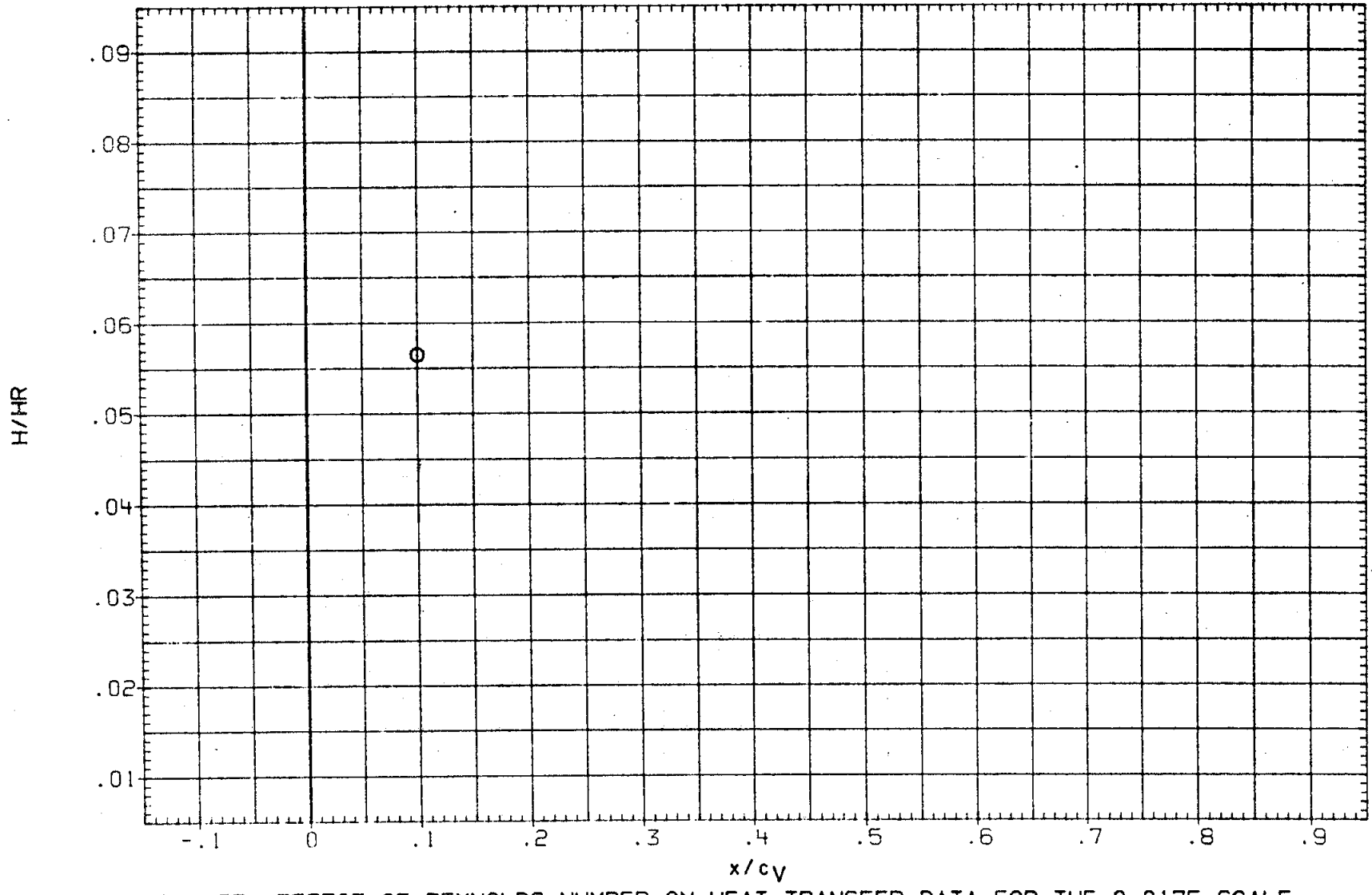


FIG. 23 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV10) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.686	.941	35.156

PARAMETRIC VALUES

MACH 8.000 BETA -.003

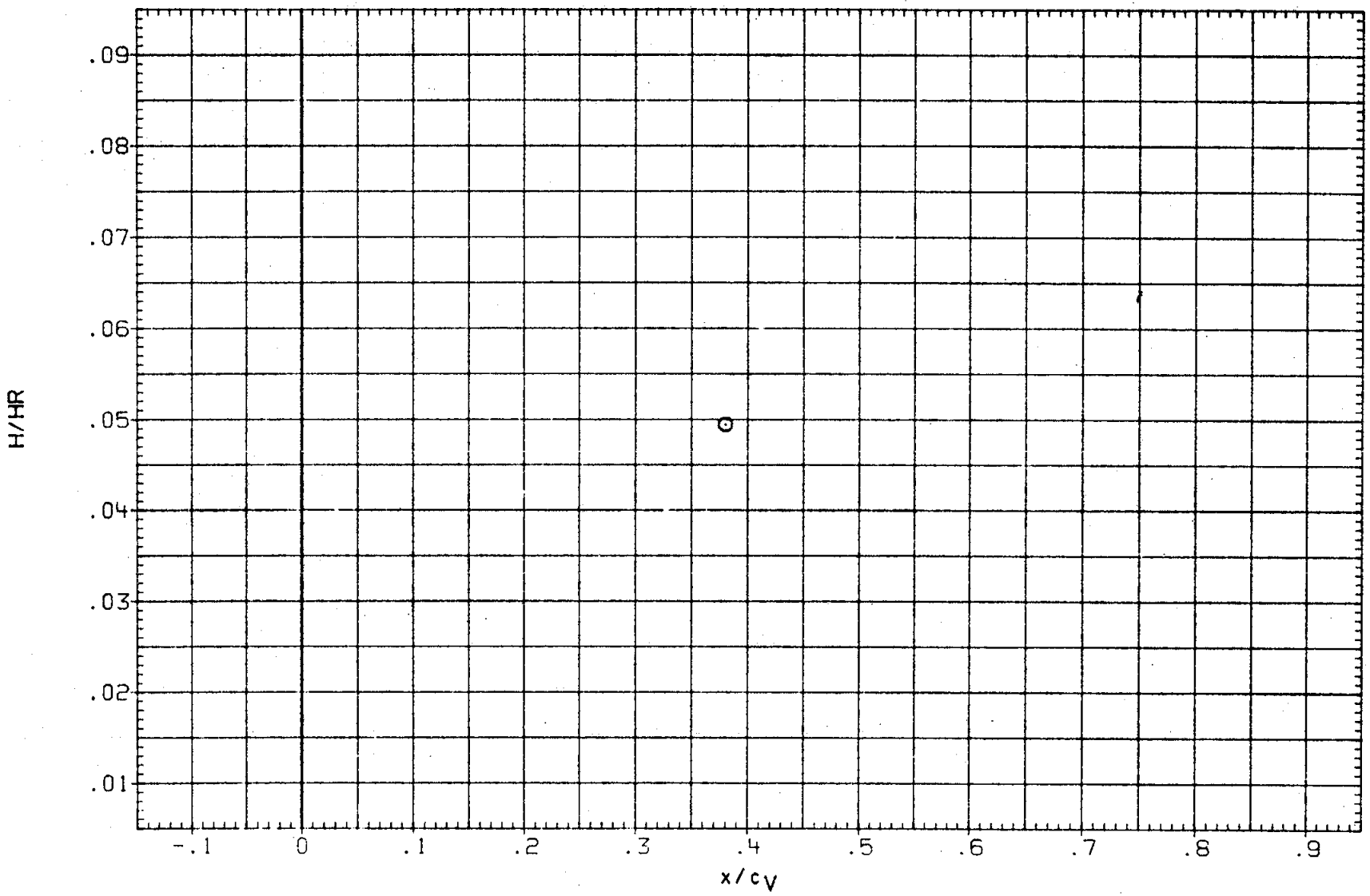


FIG. 23 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV10) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.686	.949	35.156

PARAMETRIC VALUES

MACH 8.000 BETA -.003

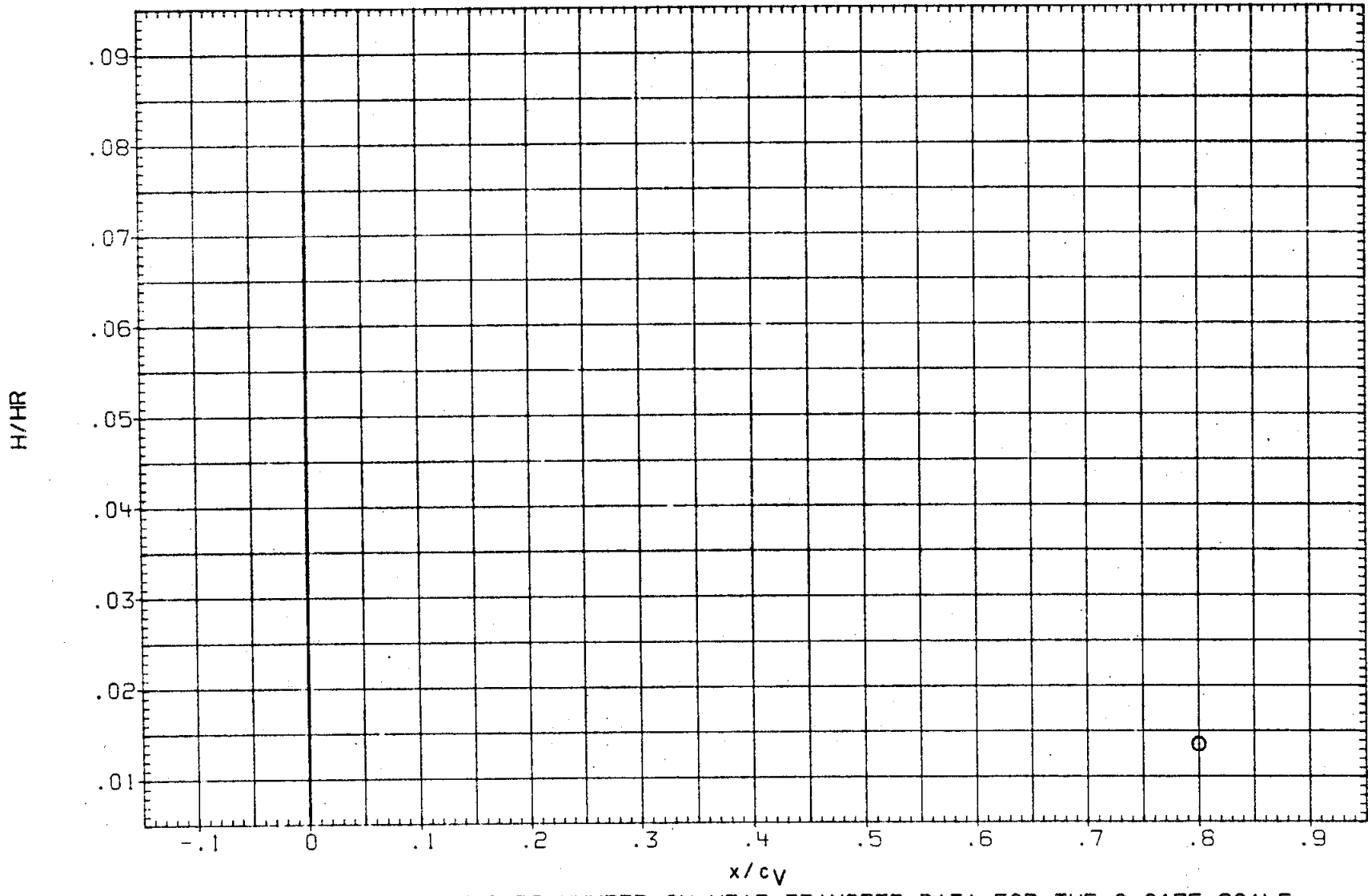


FIG. 23 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV10) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.686	.973	35.156

PARAMETRIC VALUES

MACH 8.000 BETA -.003

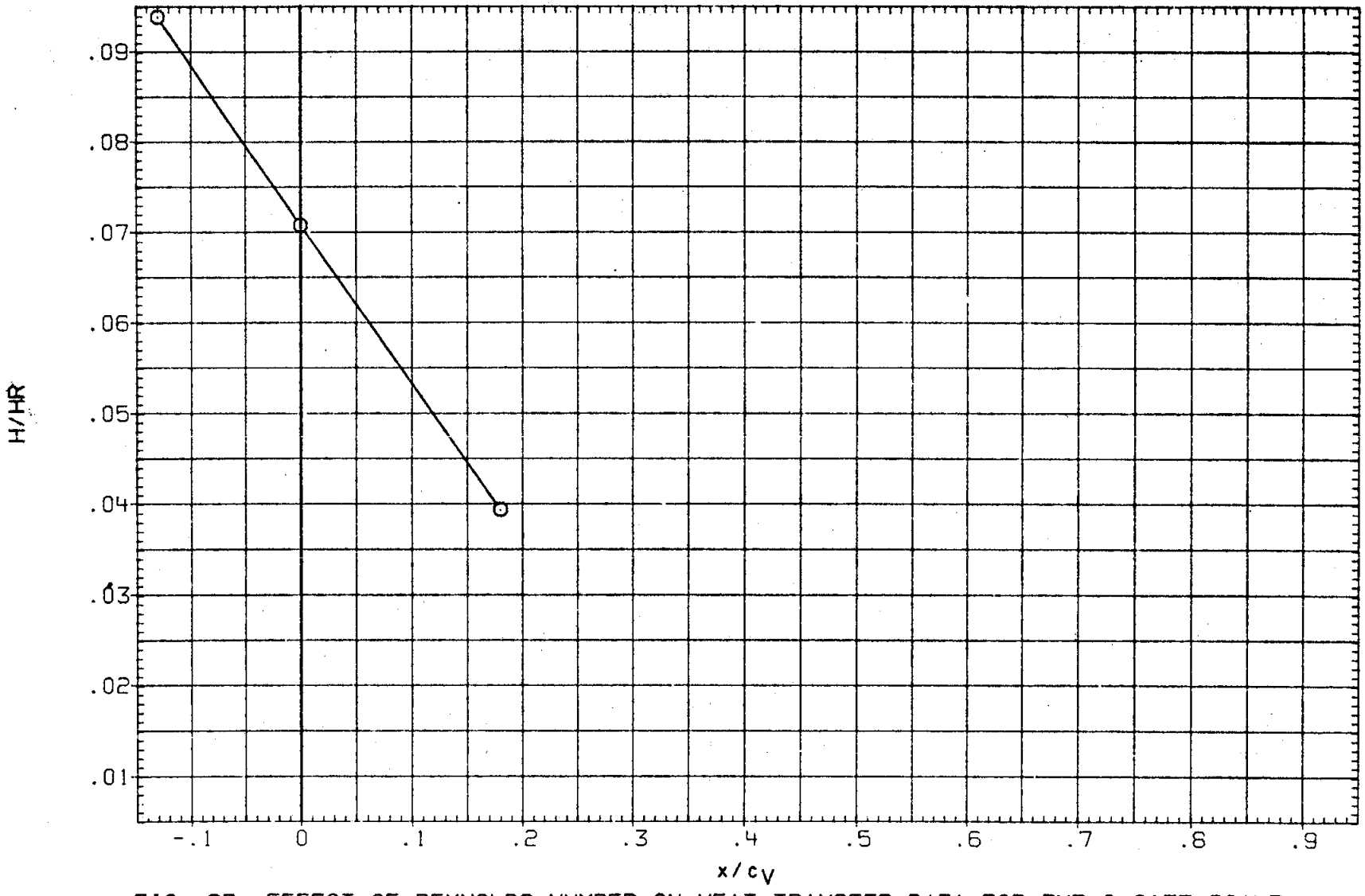


FIG. 23 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV10) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.686	1.000	35.156

PARAMETRIC VALUES

MACH 8.000 BETA -.003

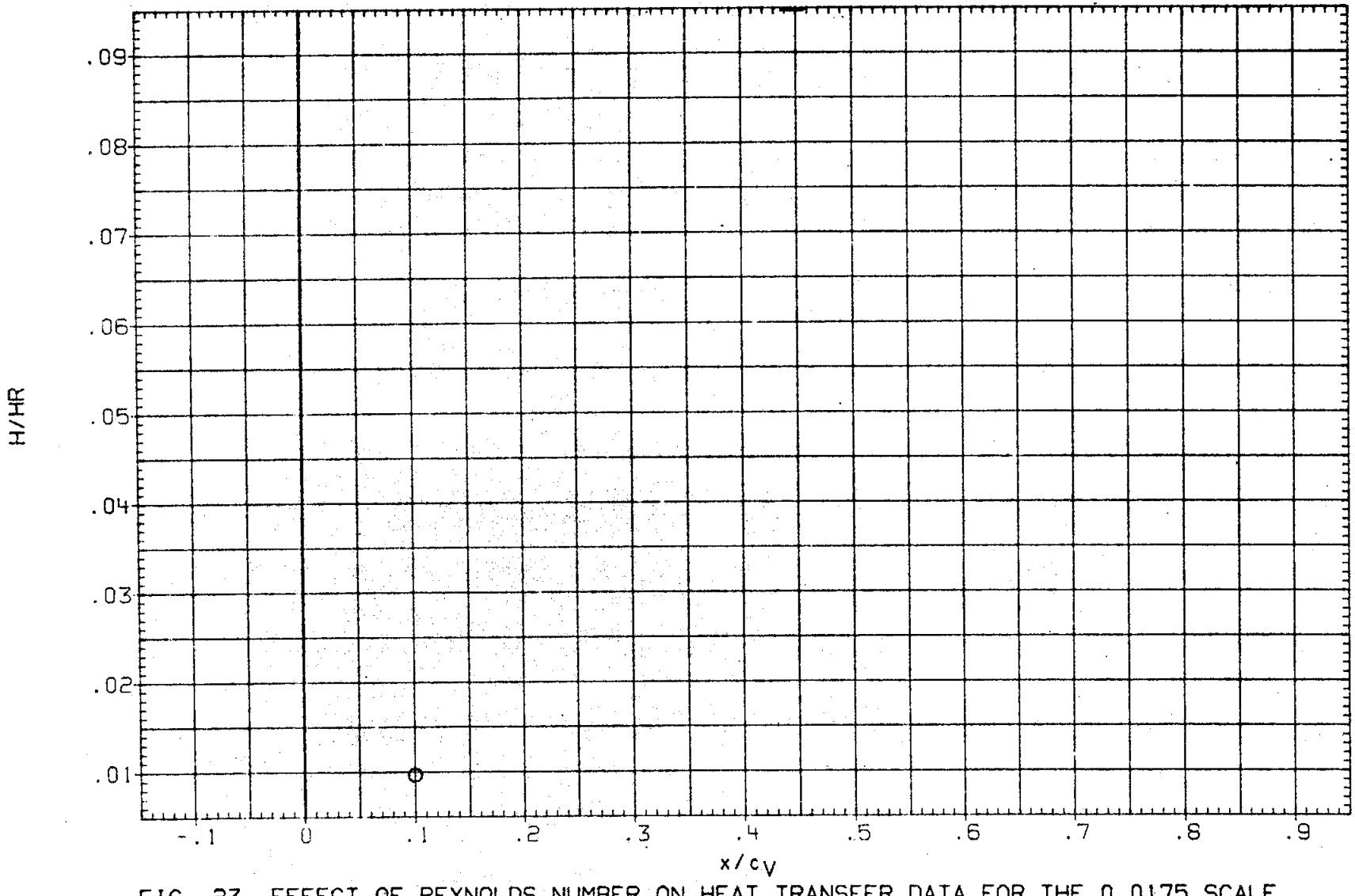


FIG. 23 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

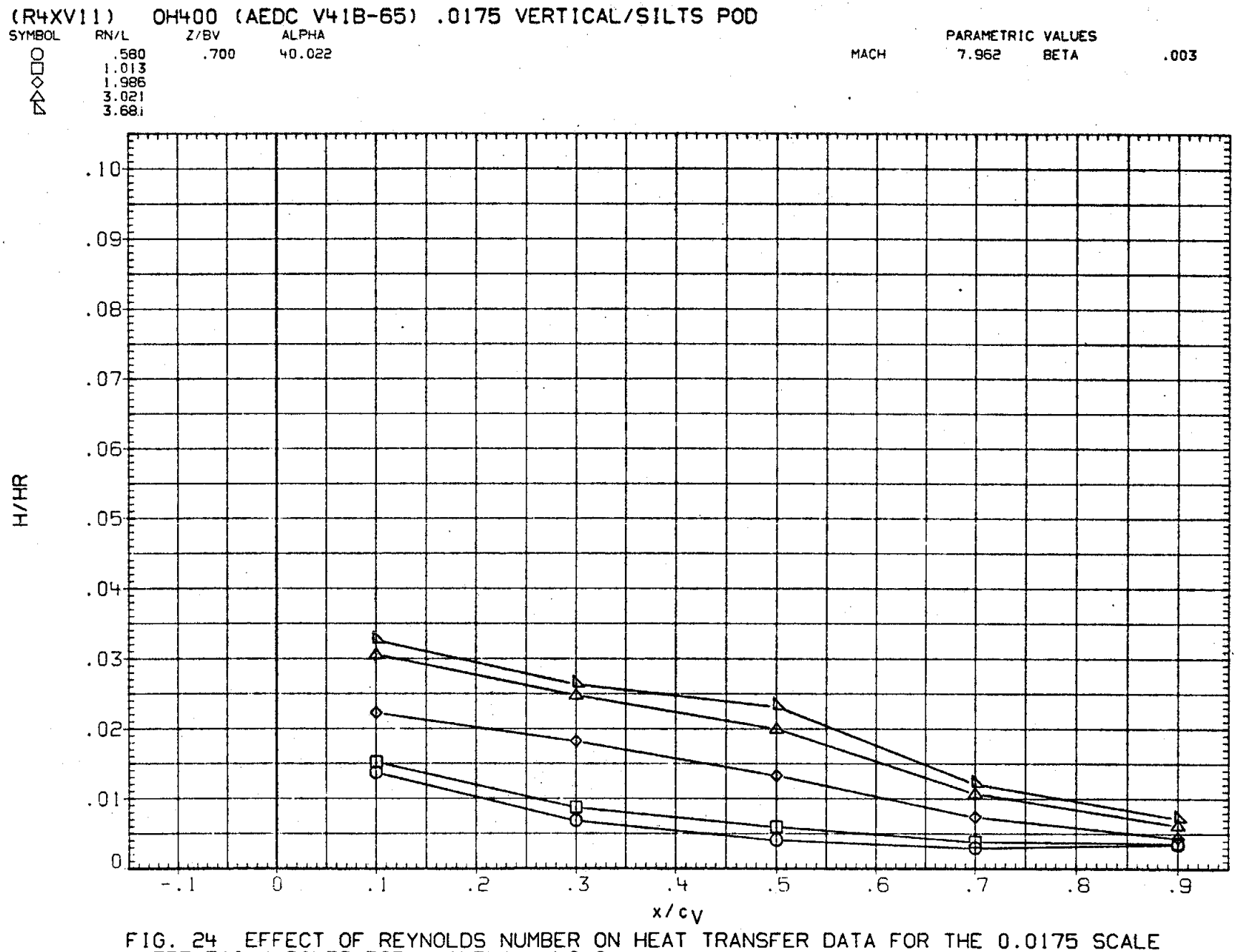


FIG. 24 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV11) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.580	.750	40.022
□	1.013		
◇	1.986		
△	3.021		
▷	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA .003

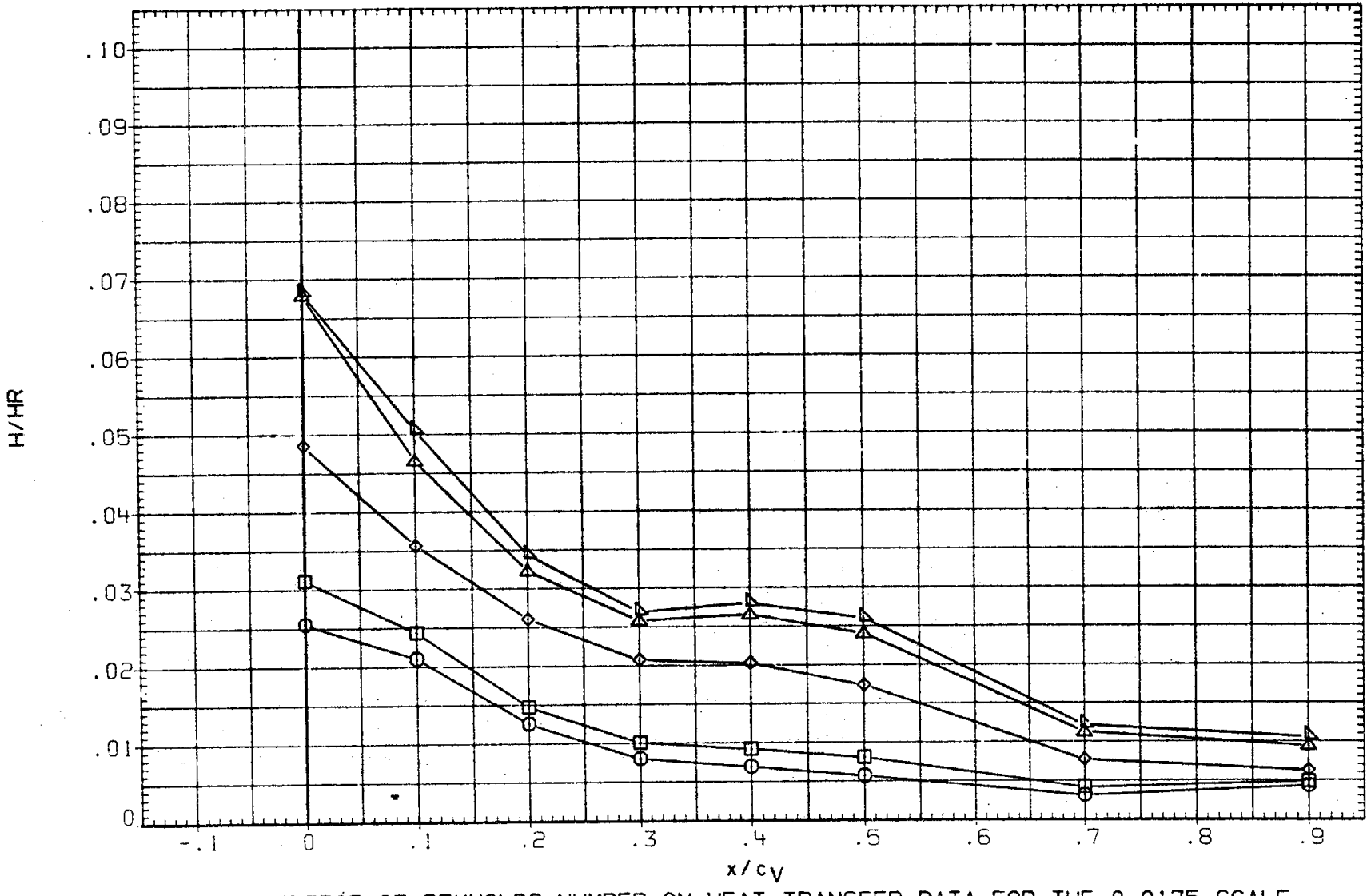


FIG. 24 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV11) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.580	.800	40.022
□	1.013		
◇	1.986		
△	3.021		
◺	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA .003

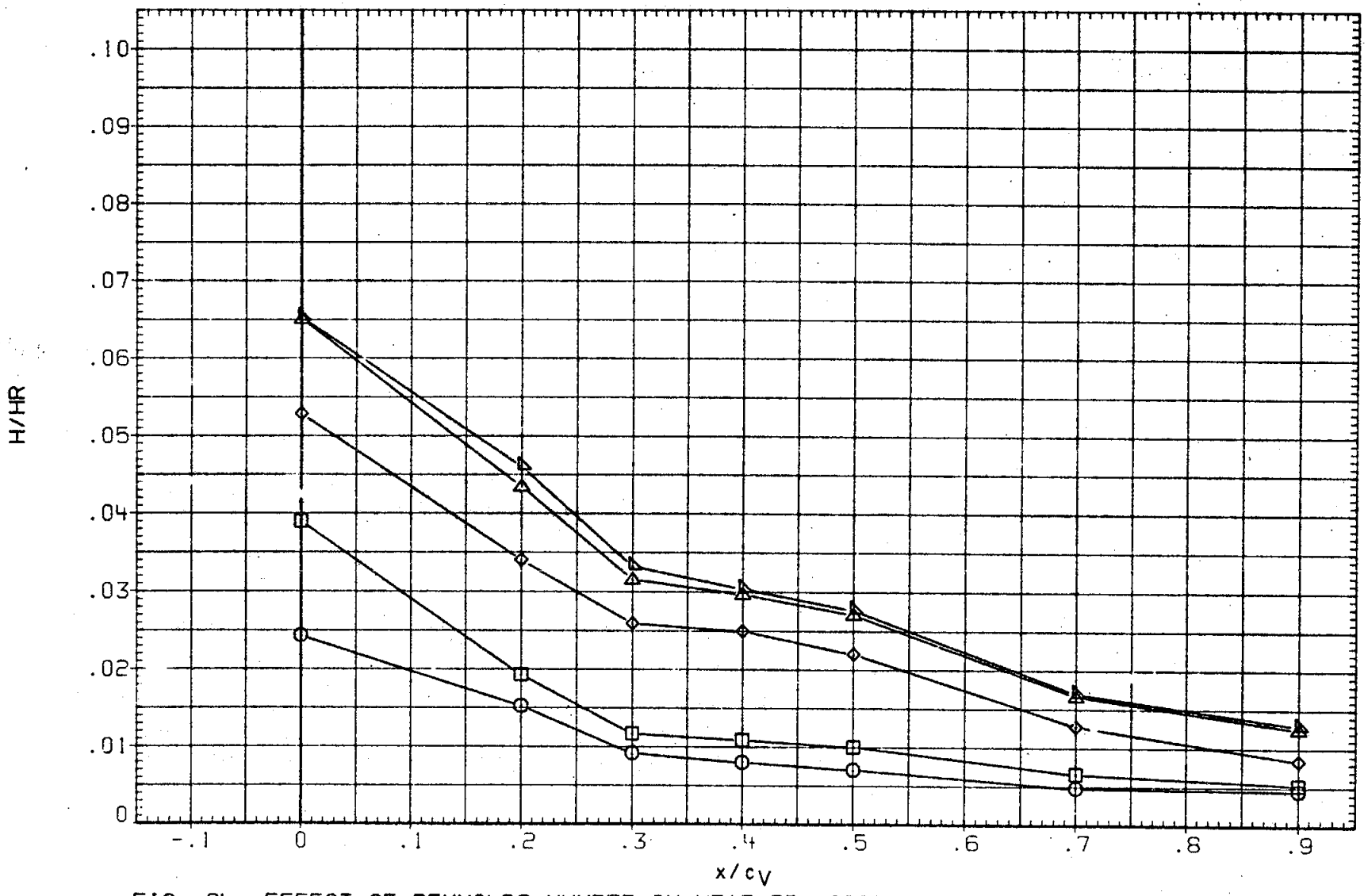


FIG. 24 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV11) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.580	.850	40.022
□	1.013		
◇	1.986		
△	3.021		
▷	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA .003

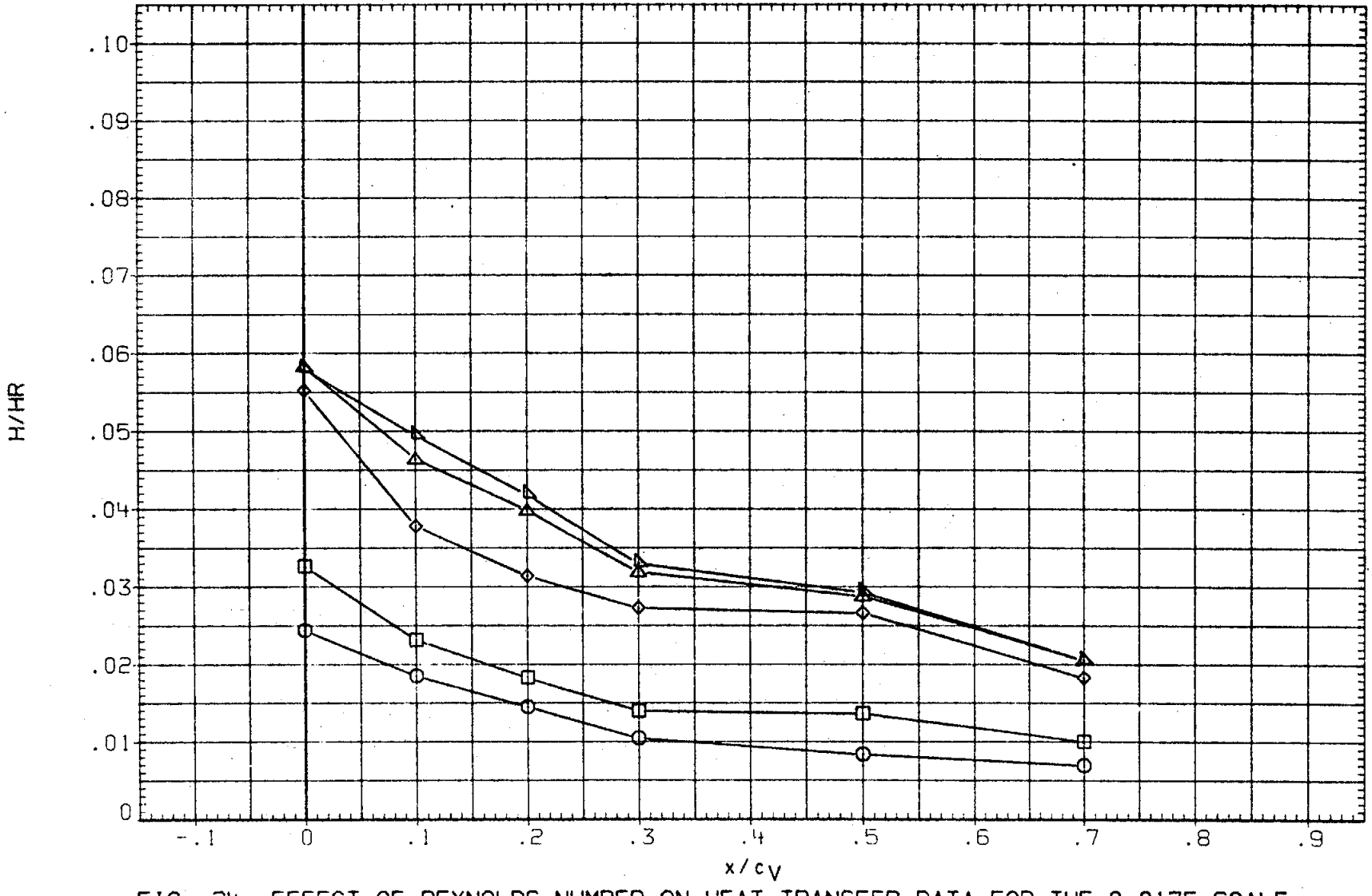


FIG. 24 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

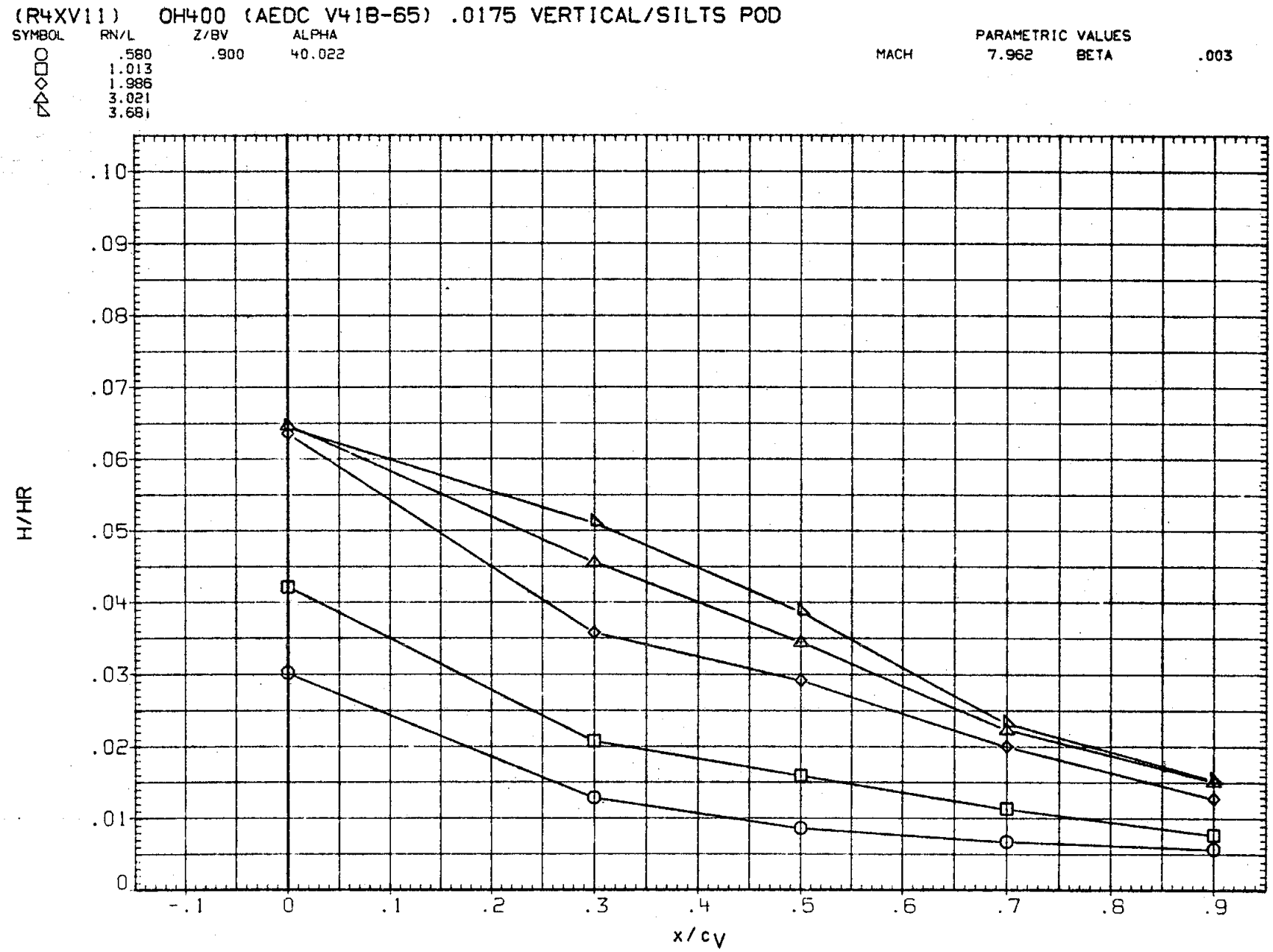


FIG. 24 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV11) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.580	.925	40.022
□	1.013		
◇	1.986		
△	3.021		
◁	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA .003

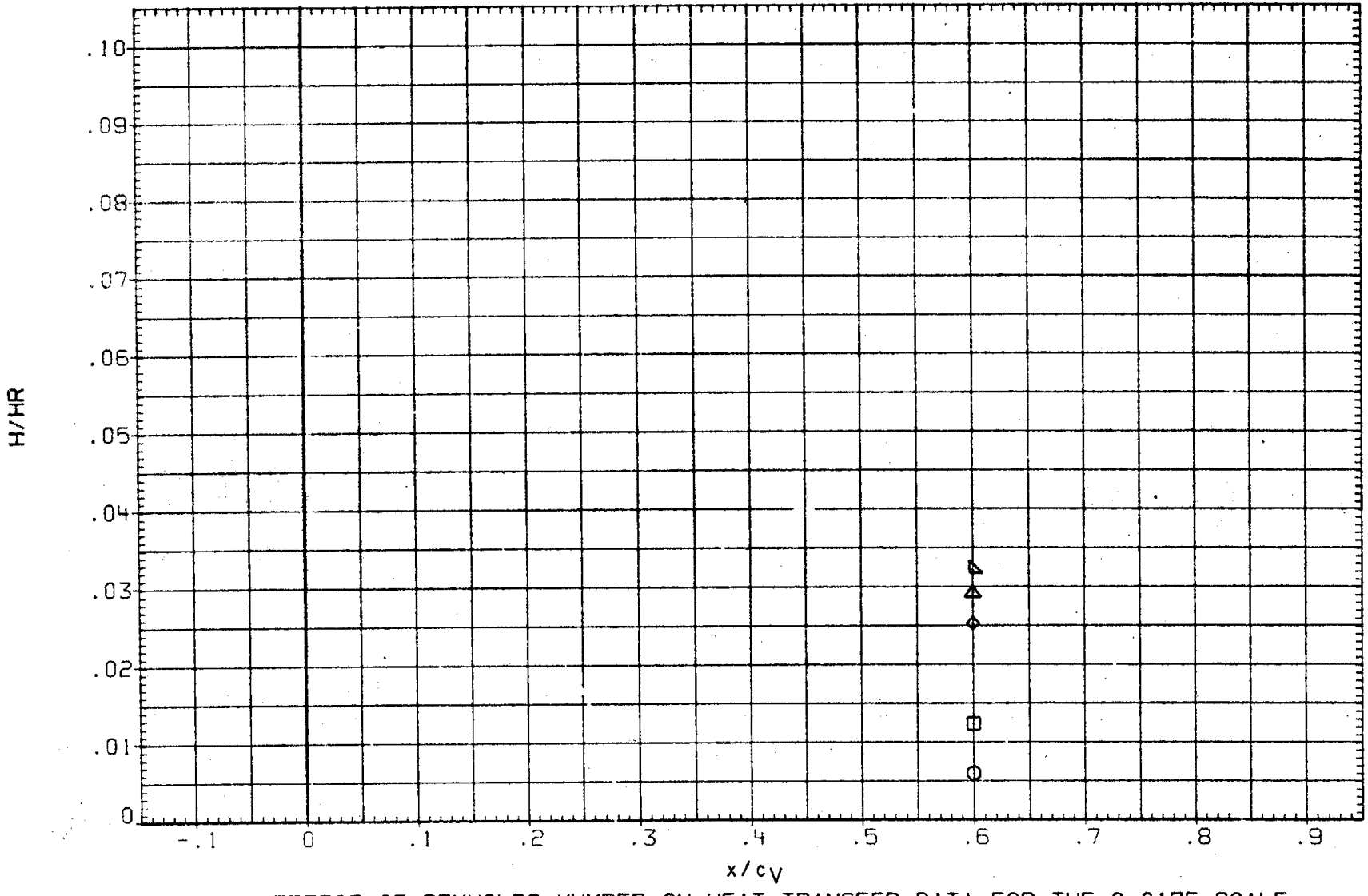


FIG. 24 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV11) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.580	.937	40.022
□	1.013		
◇	1.986		
△	3.021		
◁	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA .003

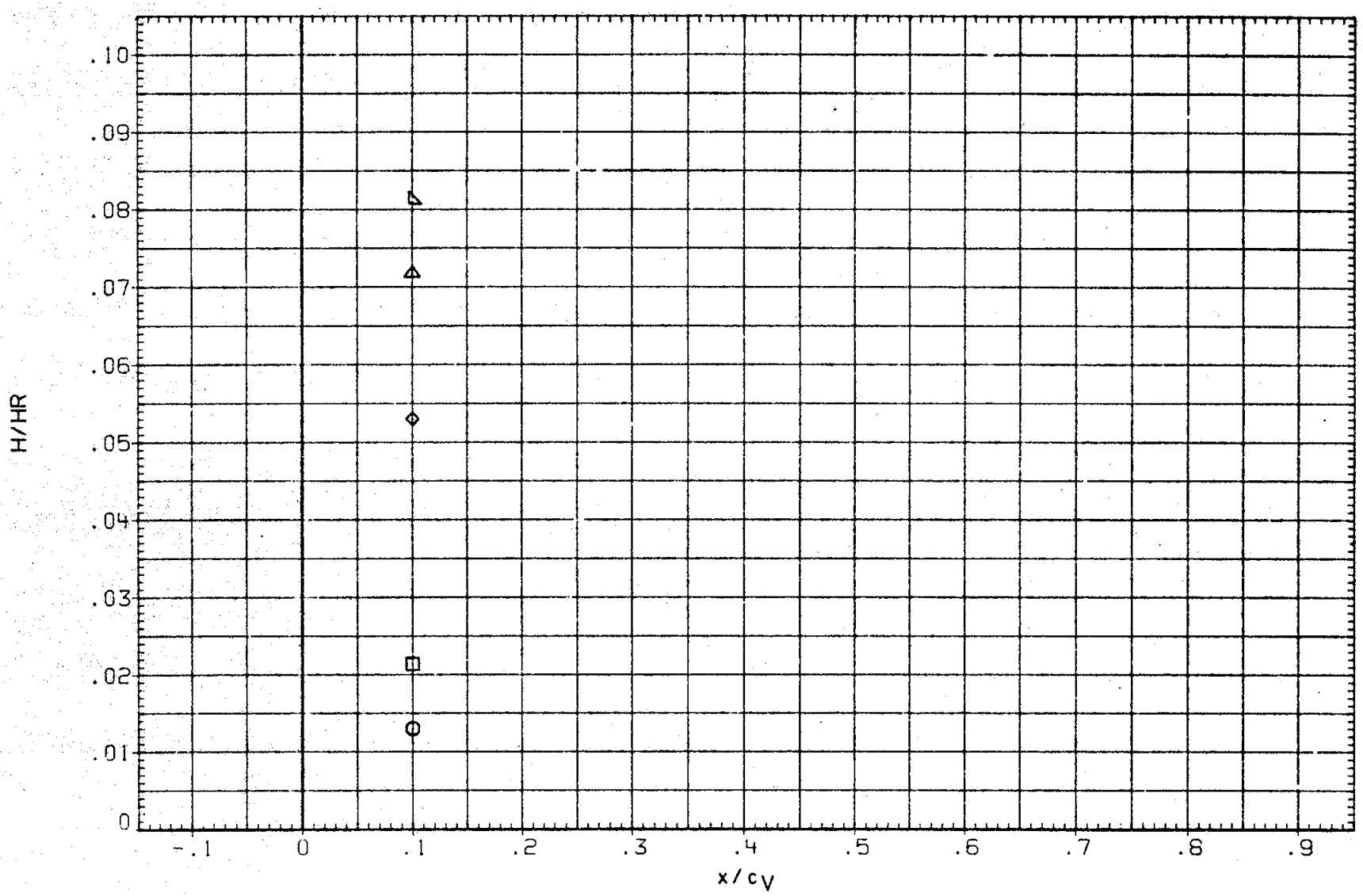


FIG. 24 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV11) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.580	.941	40.022
□	1.013		
◇	1.986		
△	3.021		
◺	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA .003

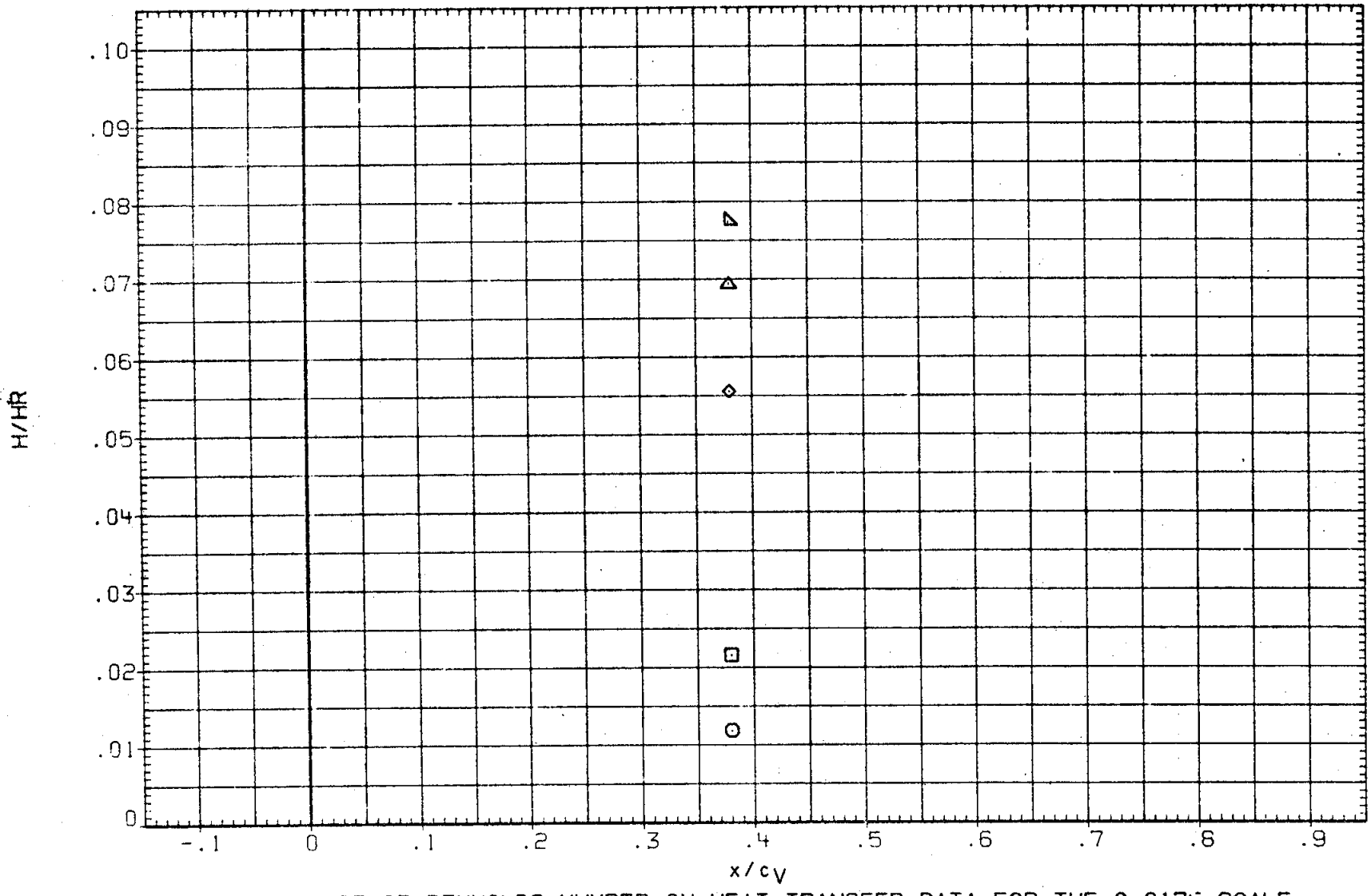


FIG. 24 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV11) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.580	.949	+0.022
□	1.013		
◇	1.986		
△	3.021		
▷	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA .003

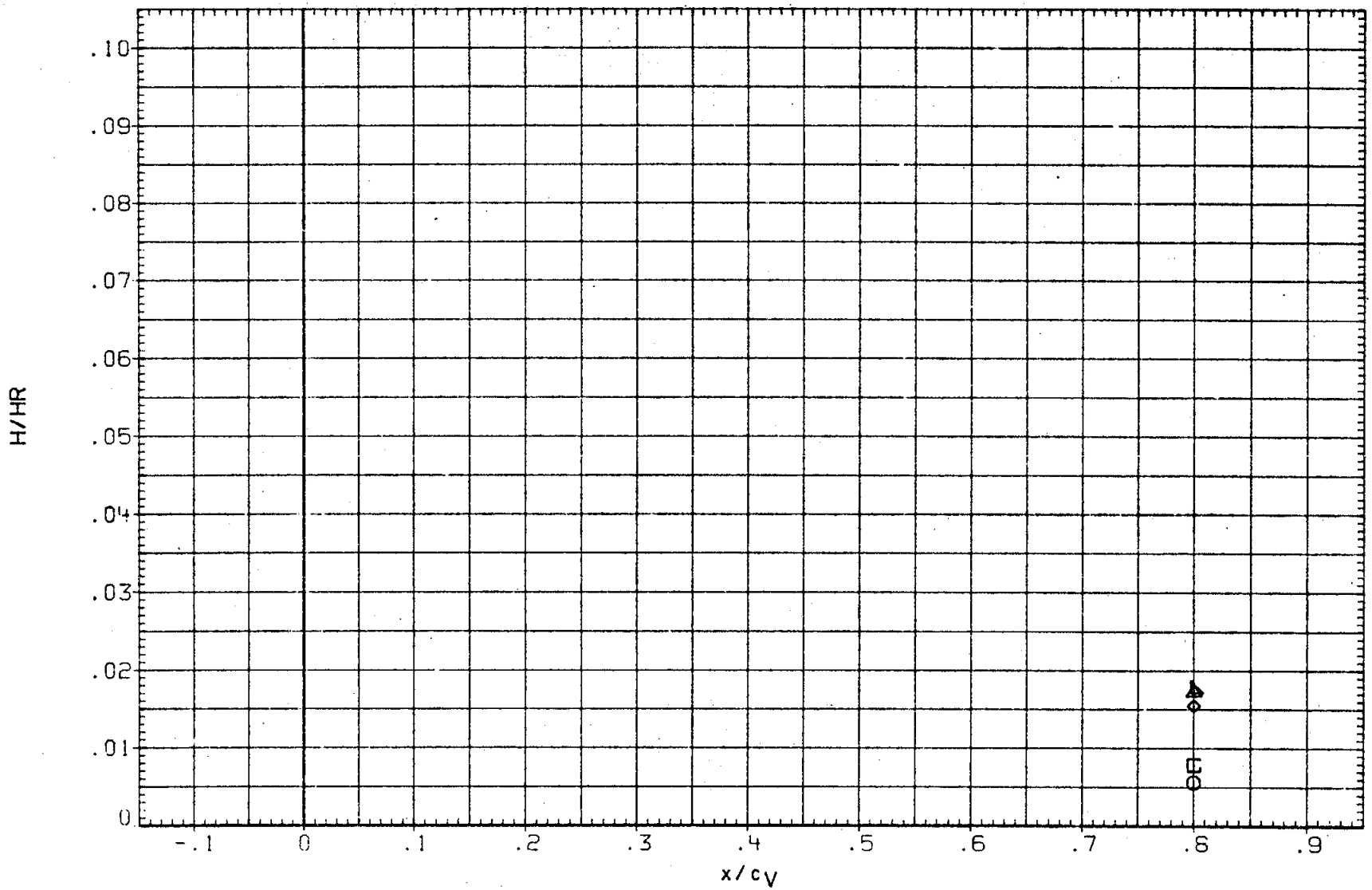


FIG. 24 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV11) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.580	.973	40.022
□	1.013		
◇	1.986		
△	3.021		
◁	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA .003

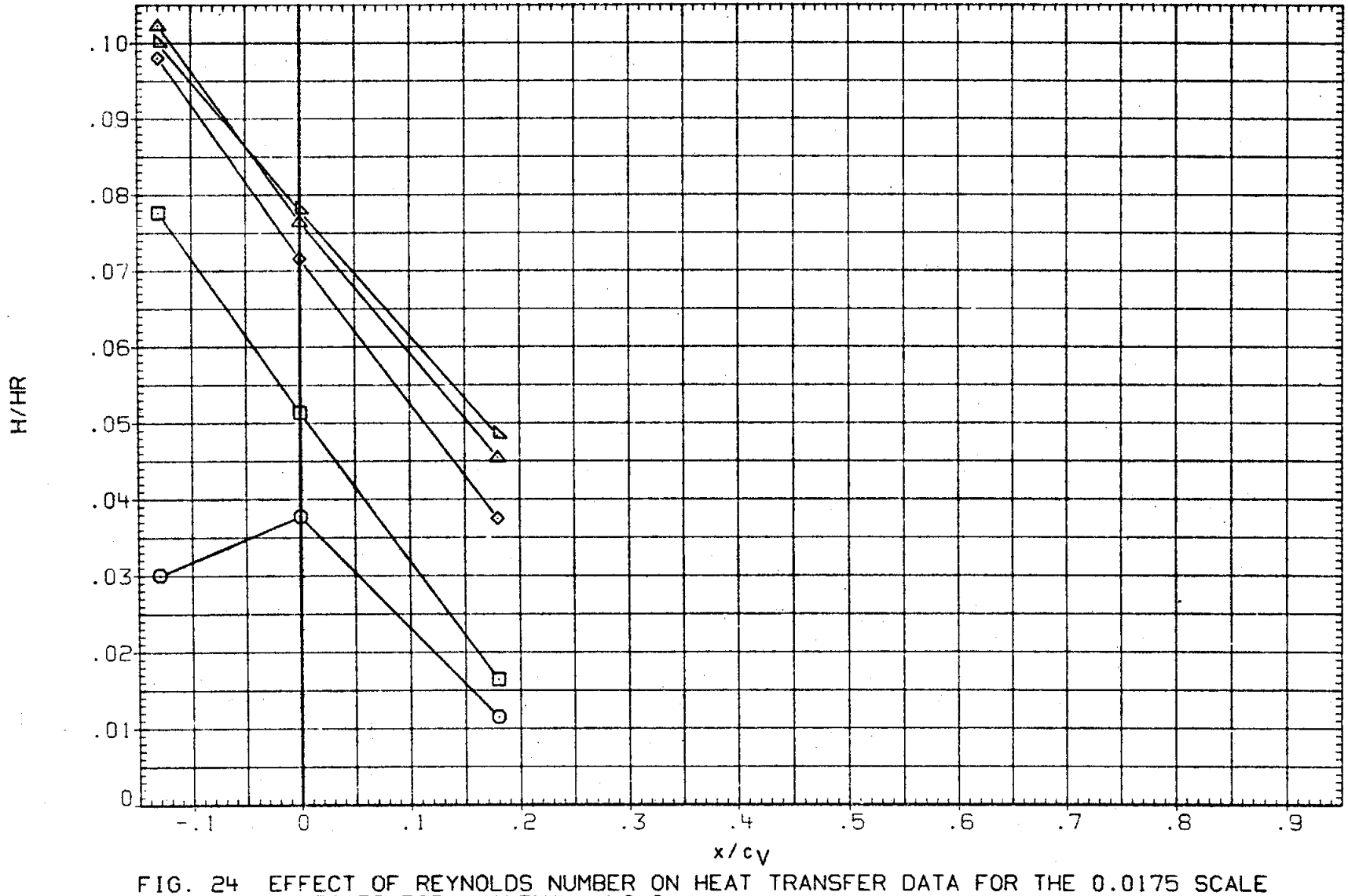


FIG. 24 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV11) OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.580	1.000	40.022
□	1.013		
◇	1.986		
△	3.021		
▷	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA .003

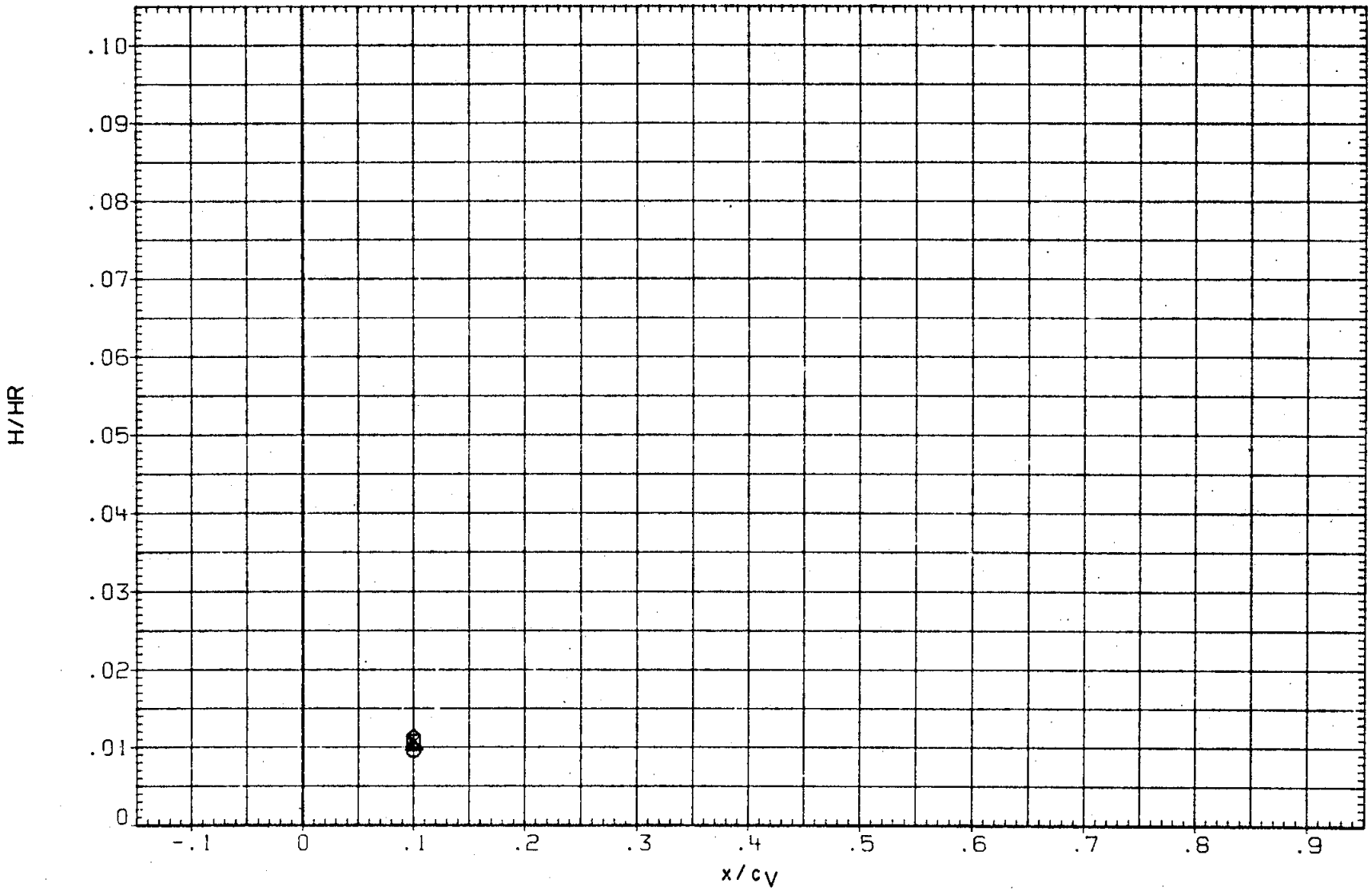


FIG. 24 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0175 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.817	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

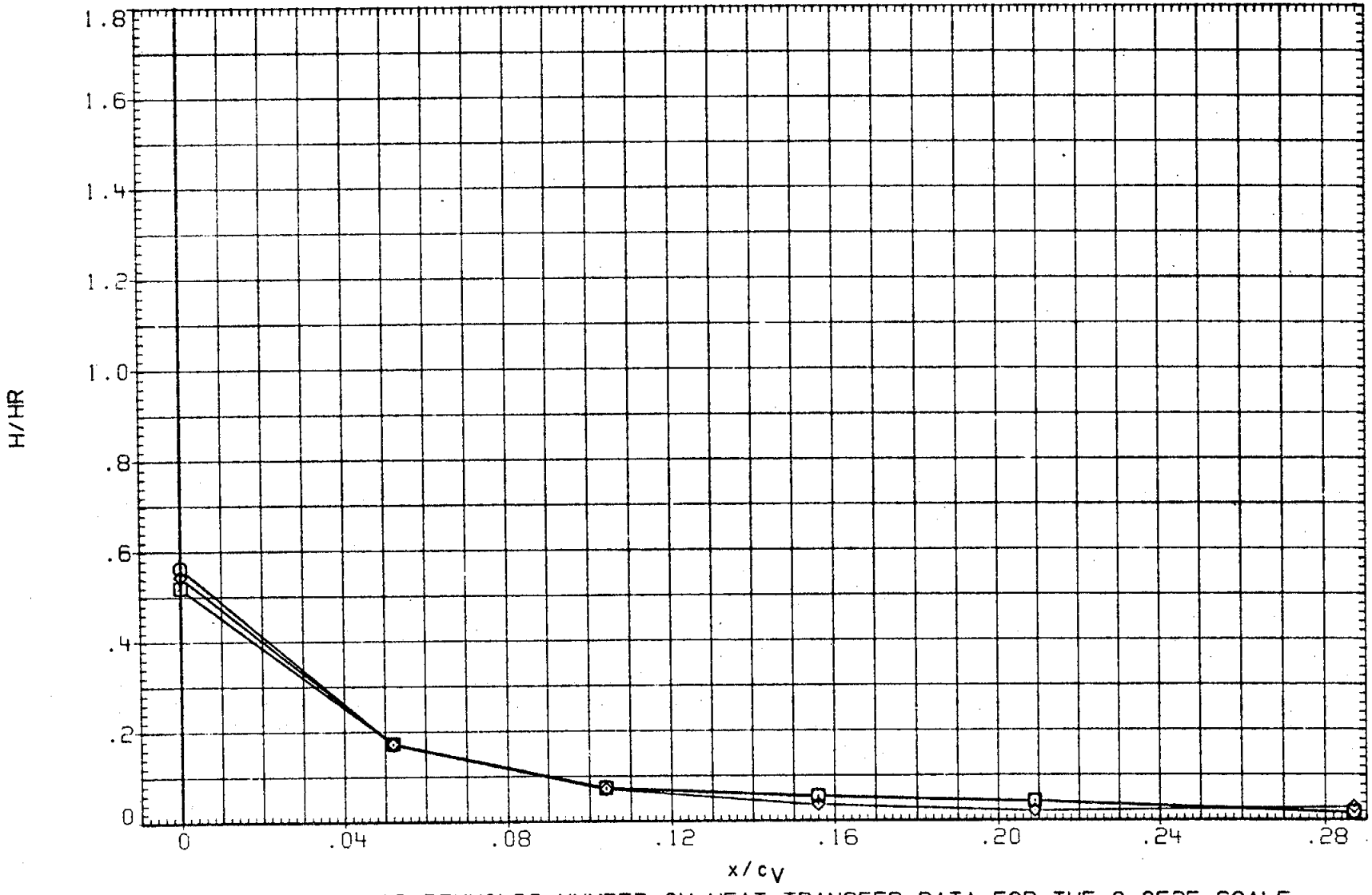


FIG. 25 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.833	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

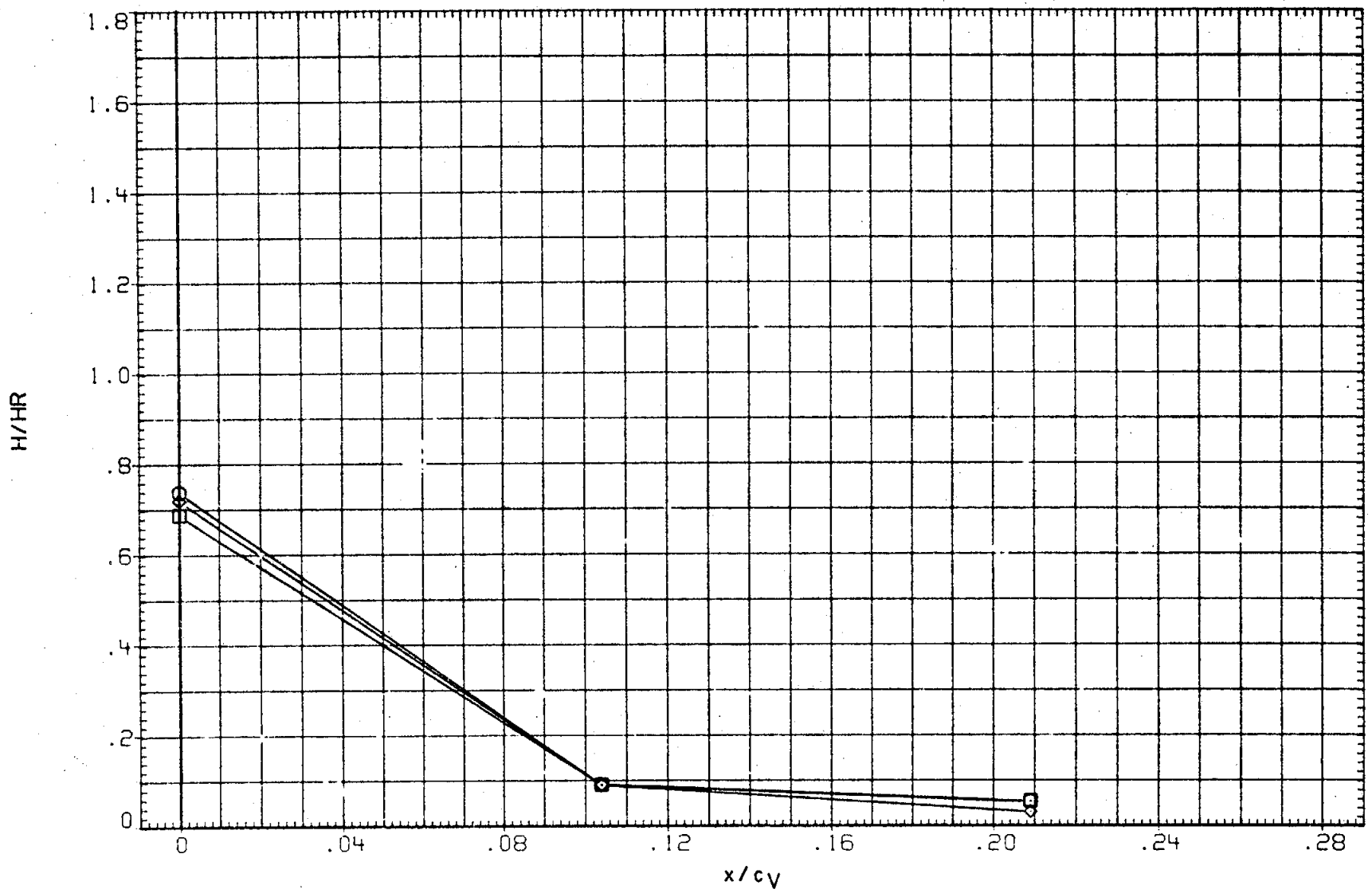


FIG. 25 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.850	-4.958
□	1.010		
◇	-2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

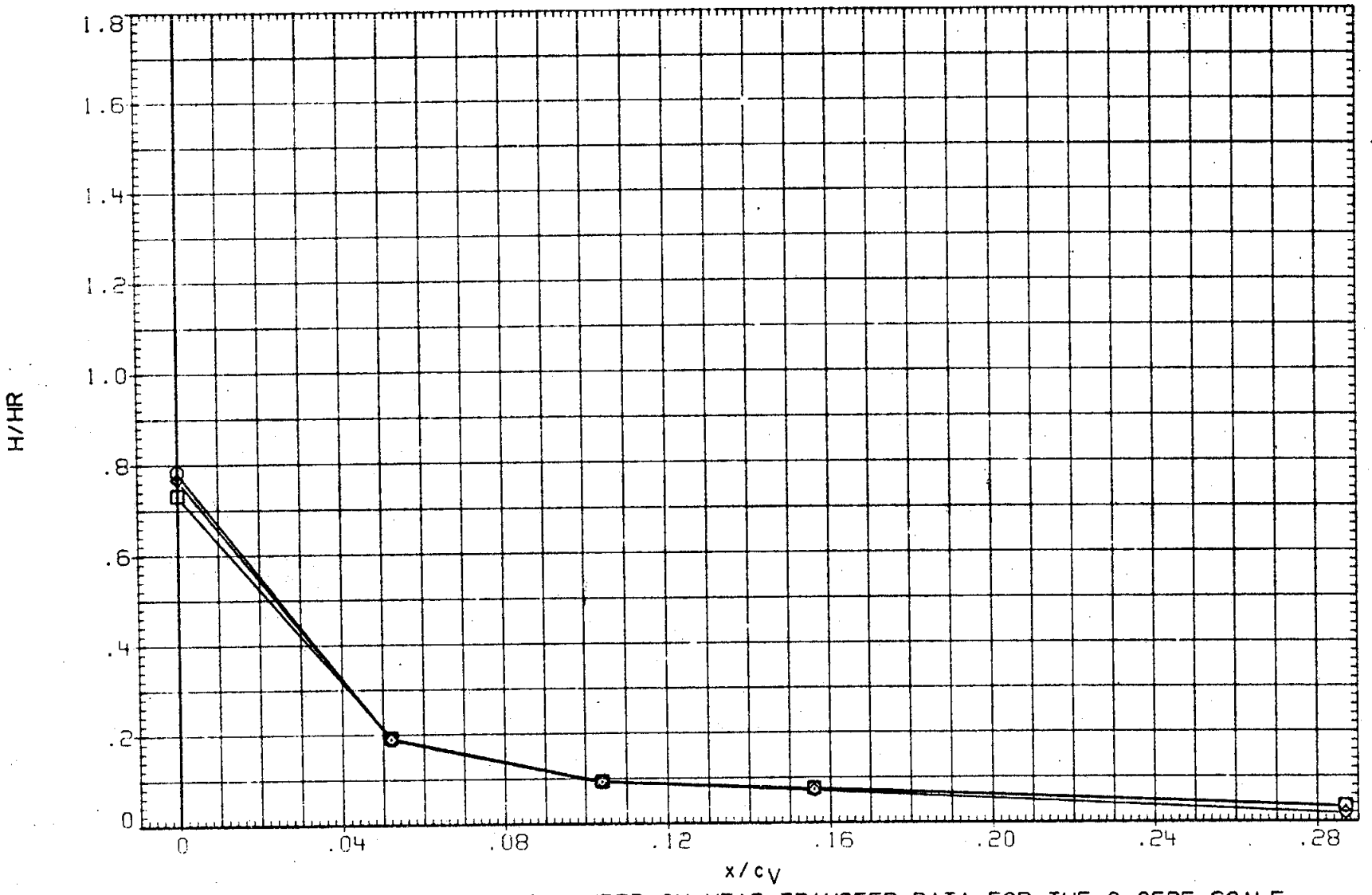


FIG. 25 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.867	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

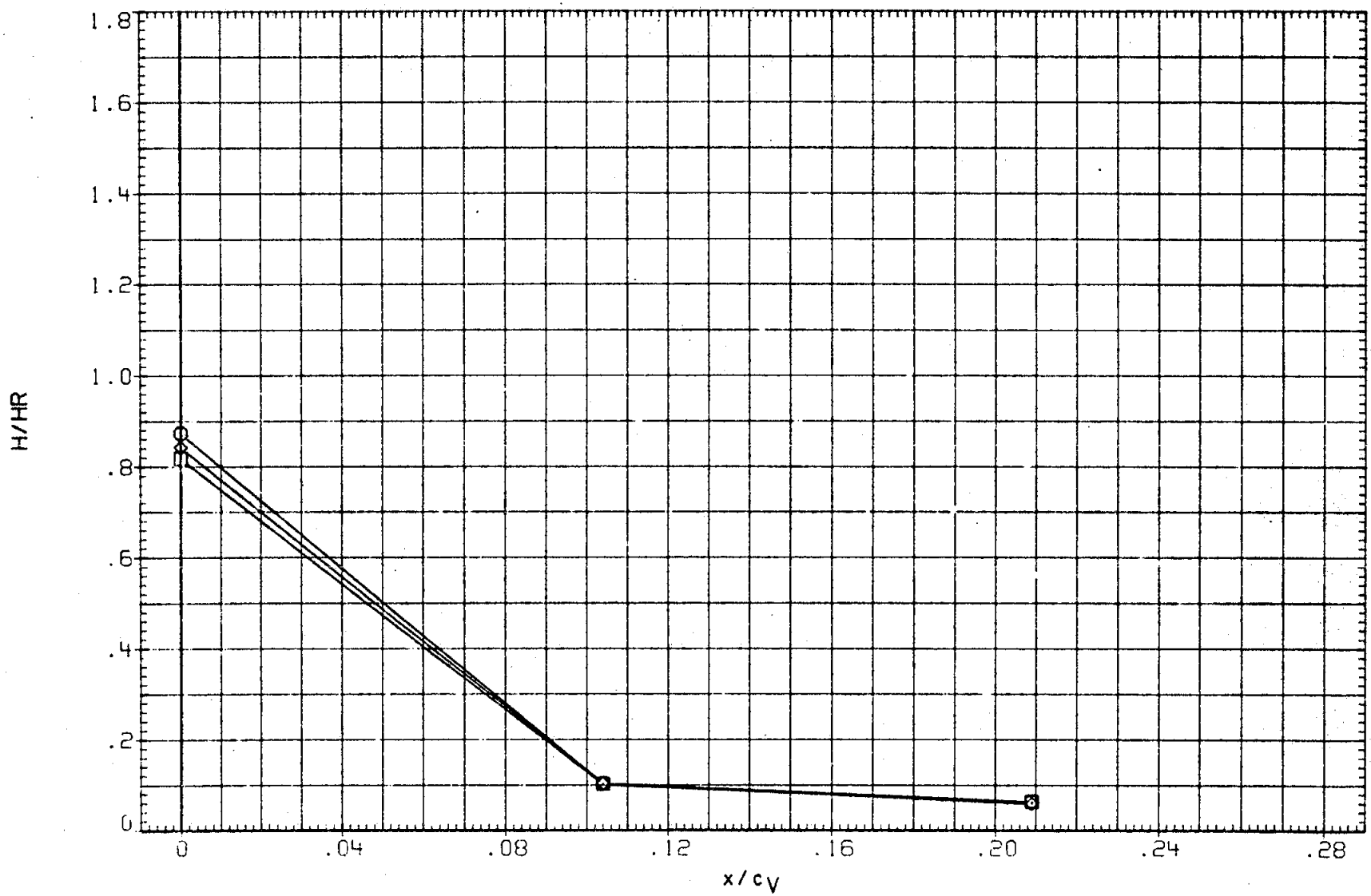


FIG. 25 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.883	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

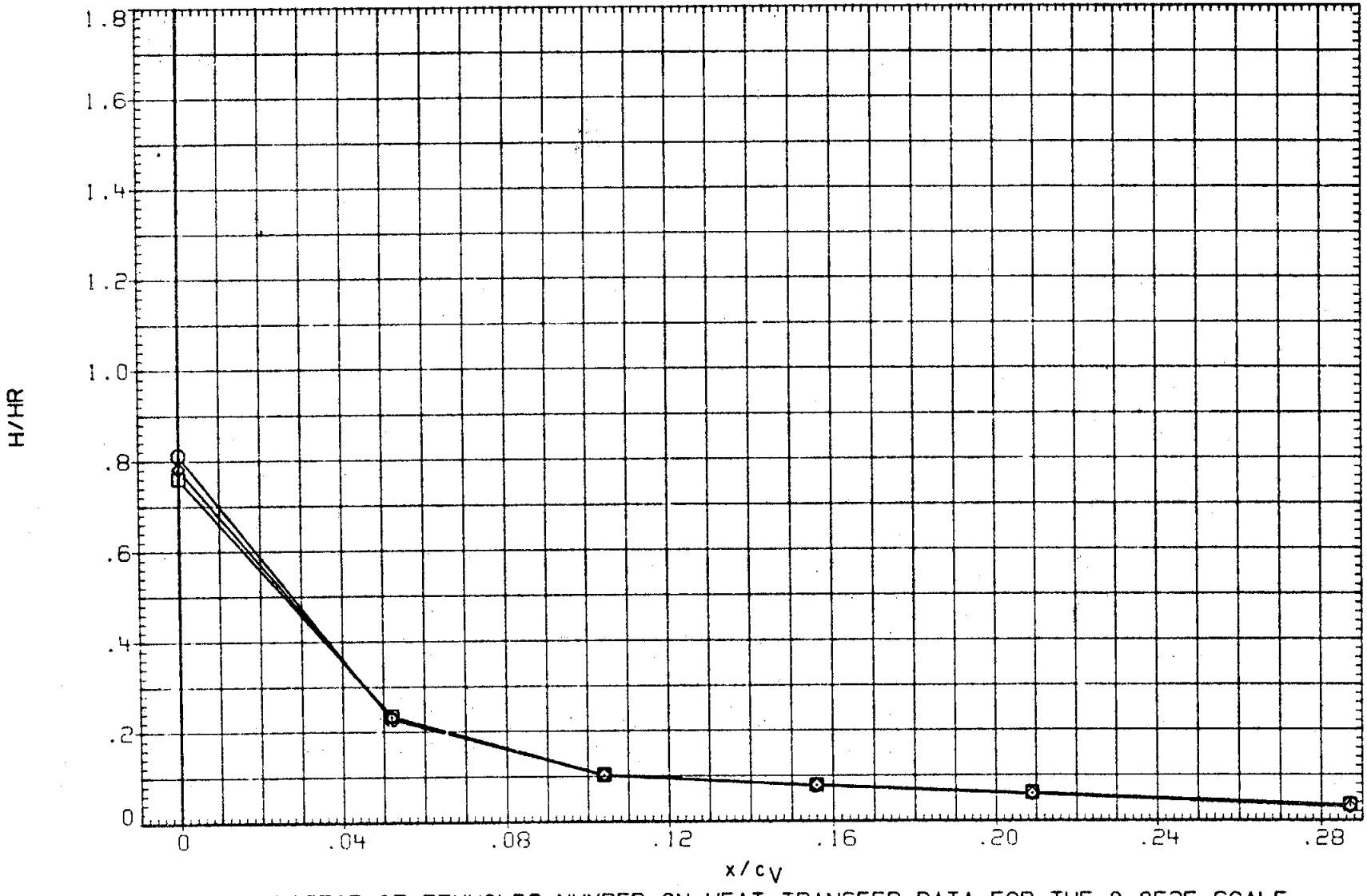


FIG. 25 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.900	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

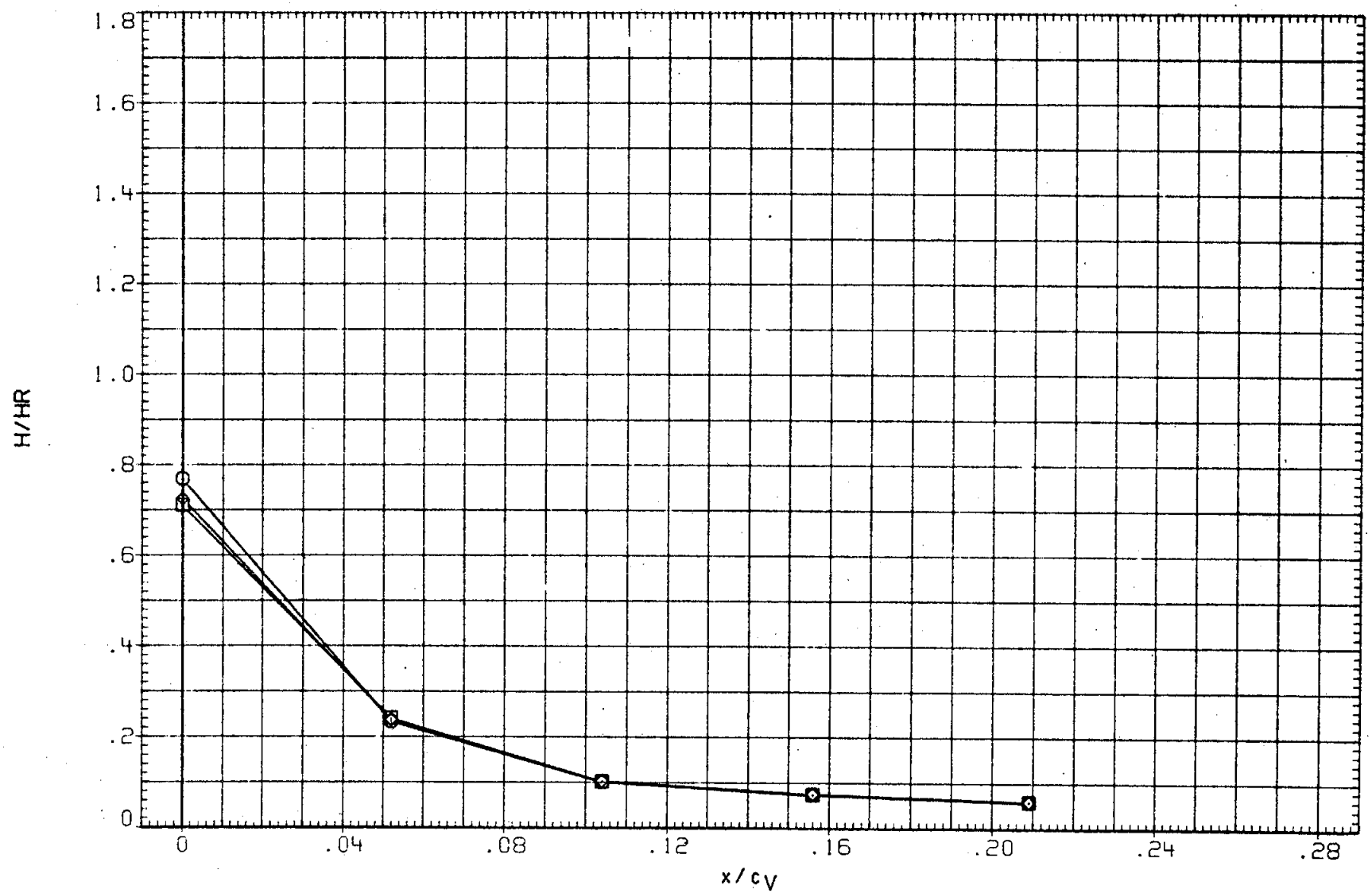


FIG. 25 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.917	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

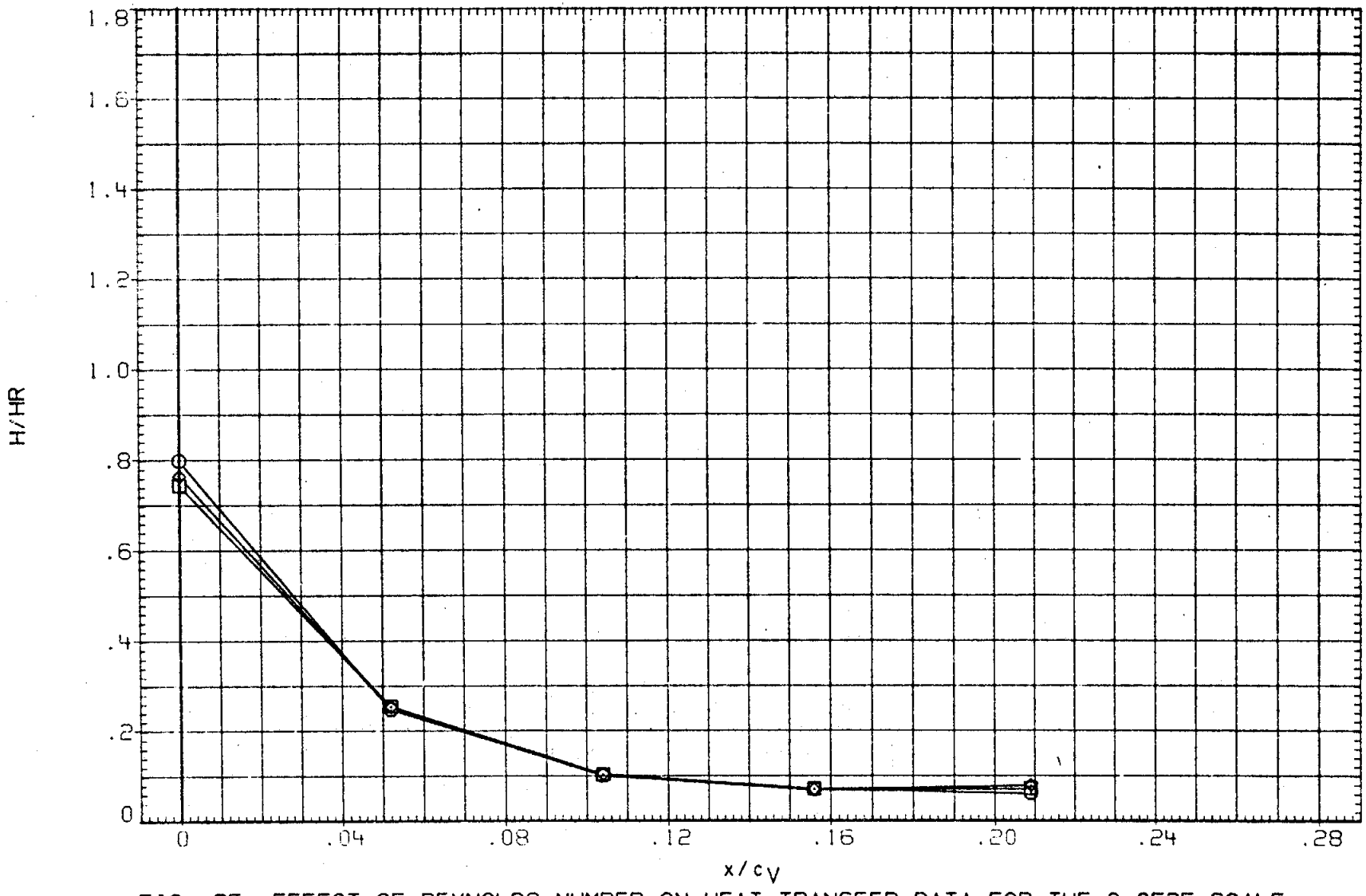


FIG. 25 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.933	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

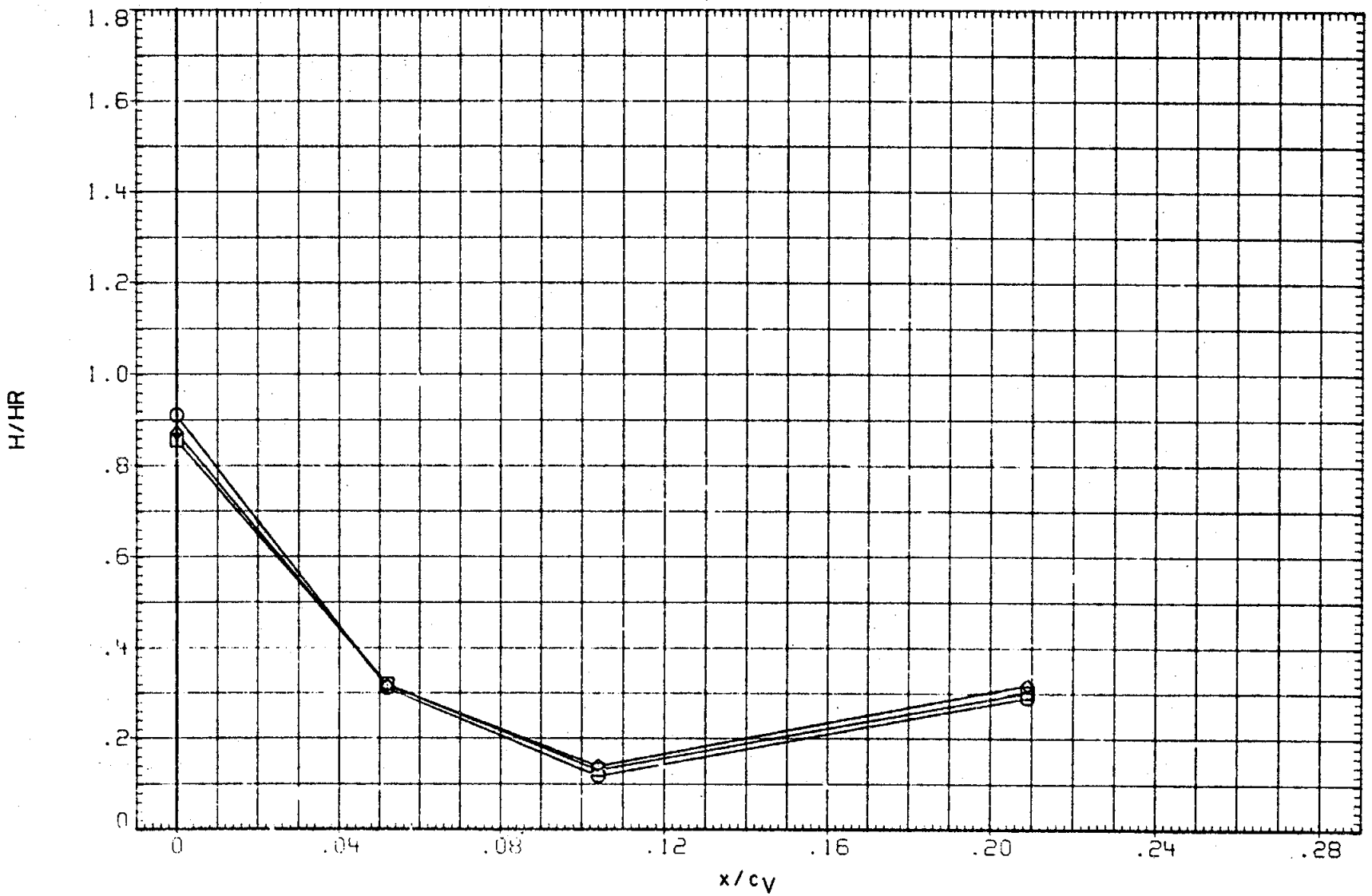


FIG. 25 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.950	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

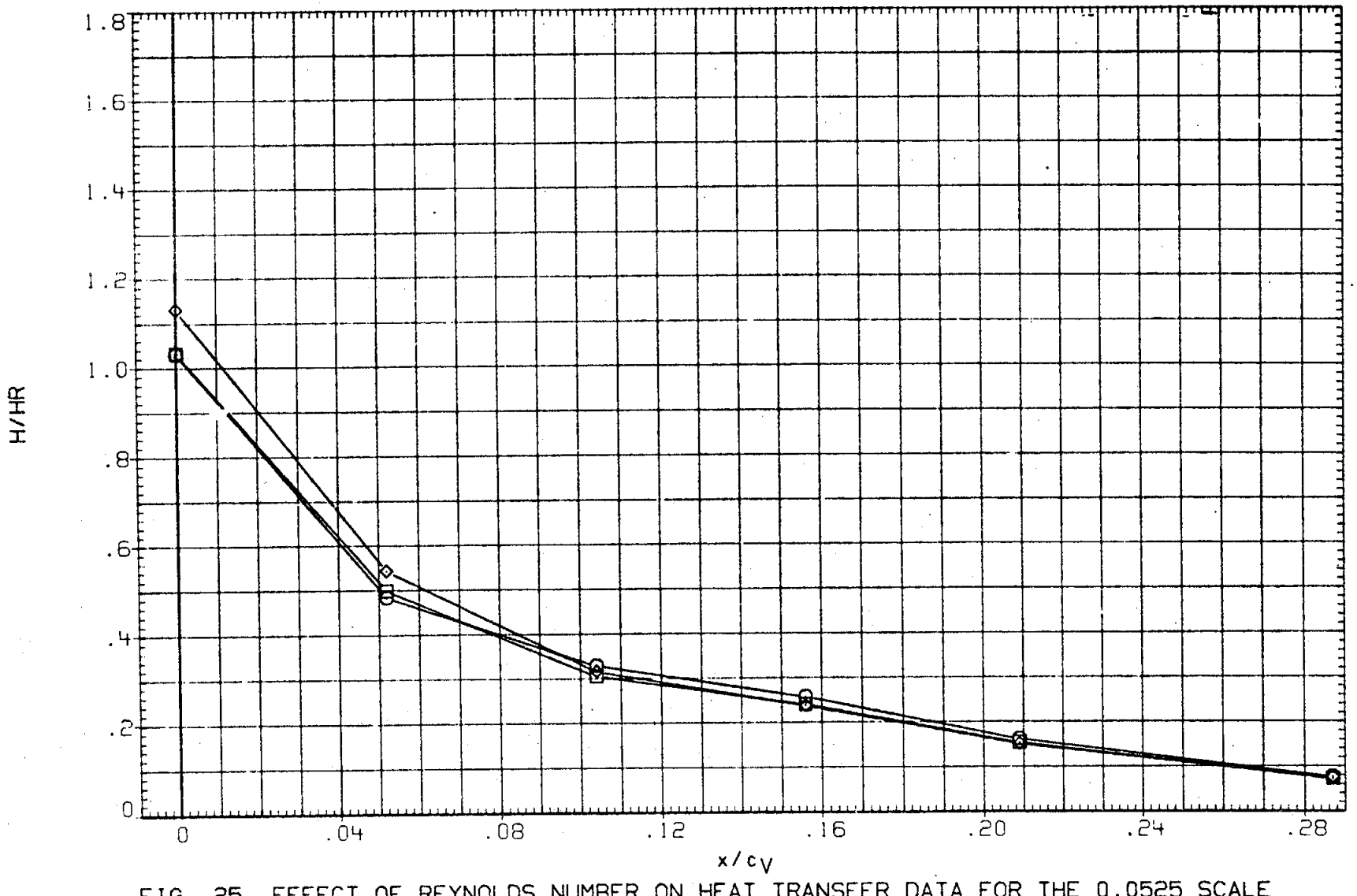


FIG. 25 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.956	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

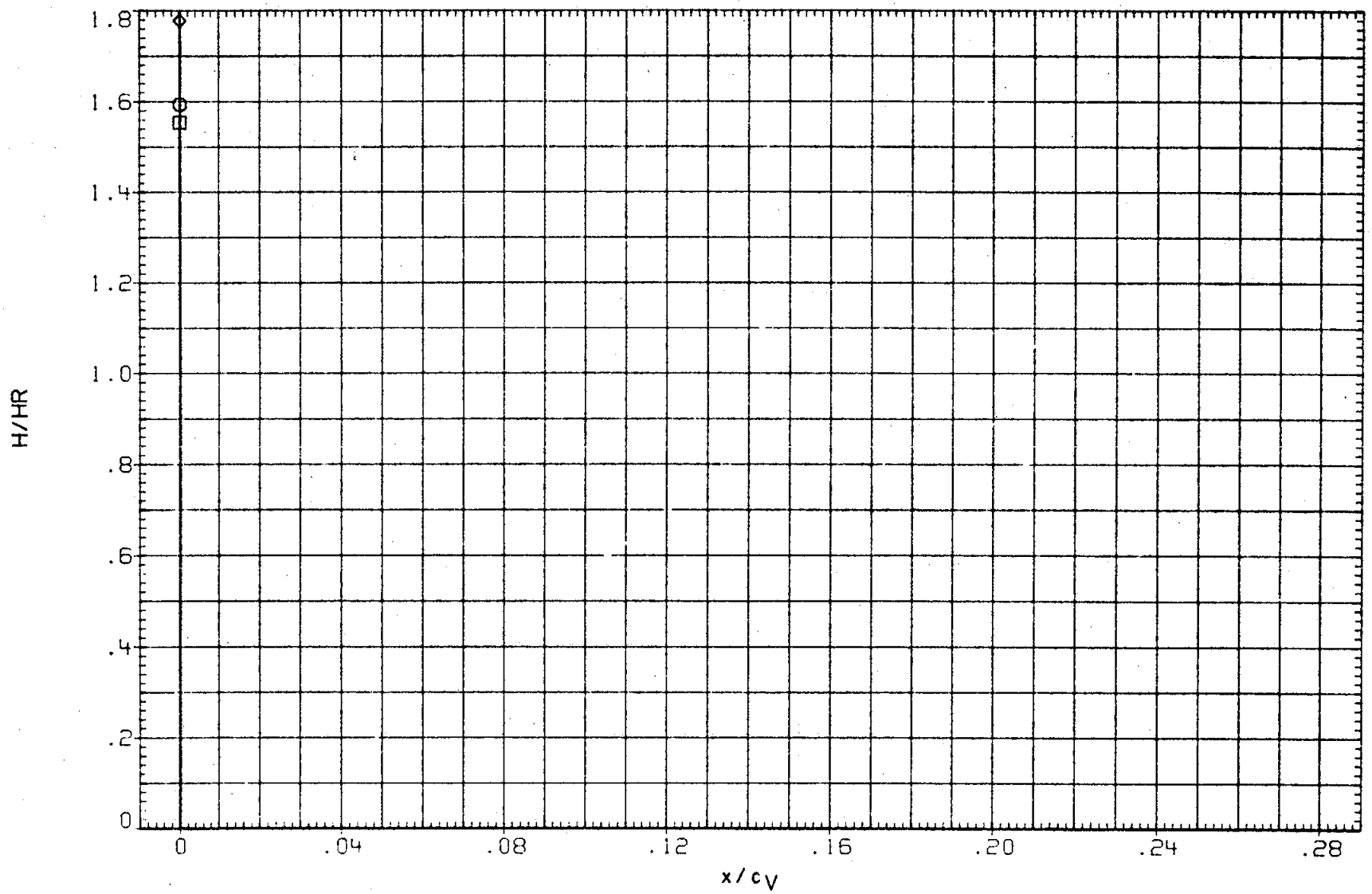


FIG. 25 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV13) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.012	.817	-4.990

PARAMETRIC VALUES

MACH 7.980 BETA -.004

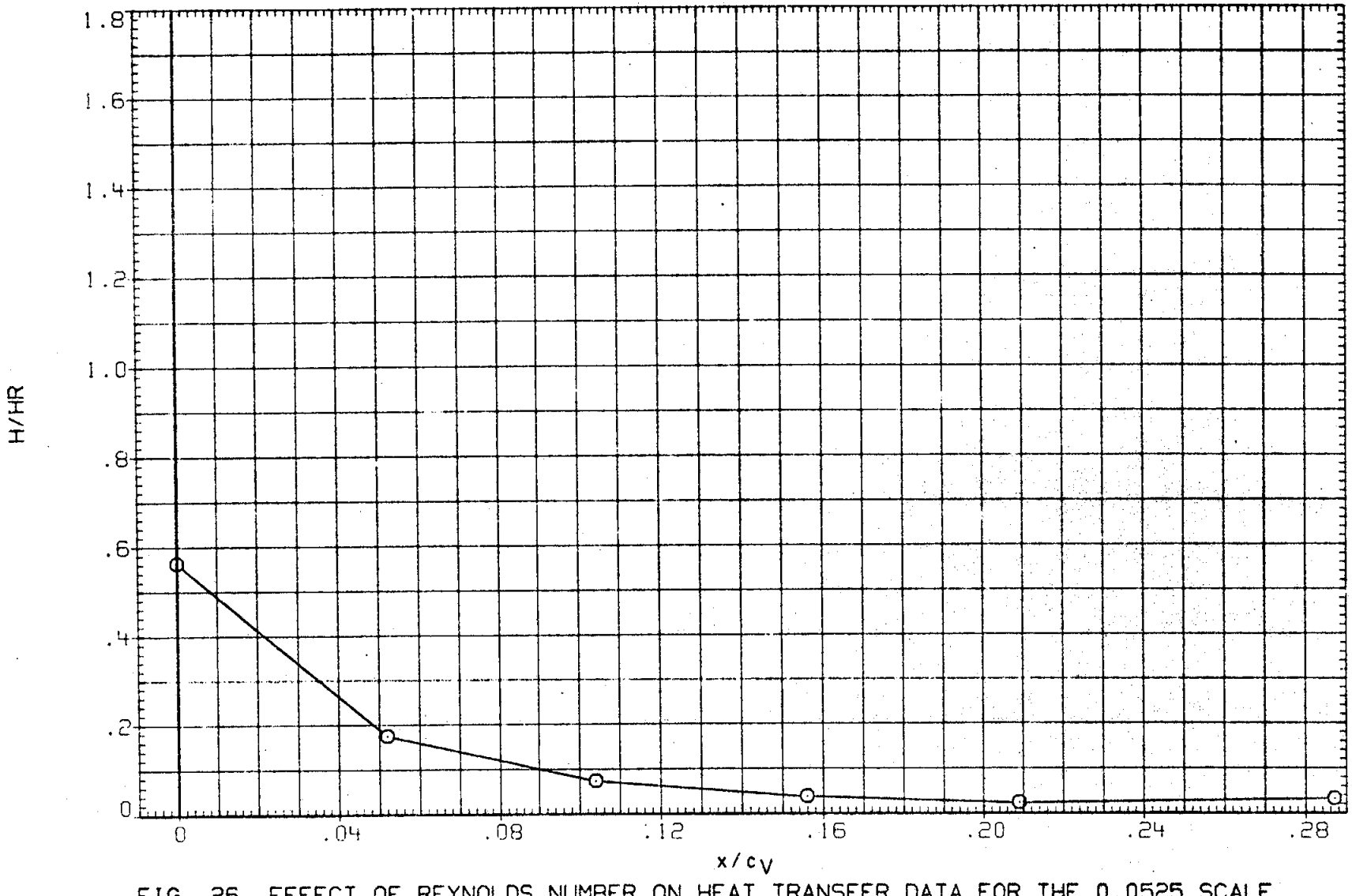


FIG. 26 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV13) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.012	.833	-4.990

PARAMETRIC VALUES

MACH 7.980 BETA -.004

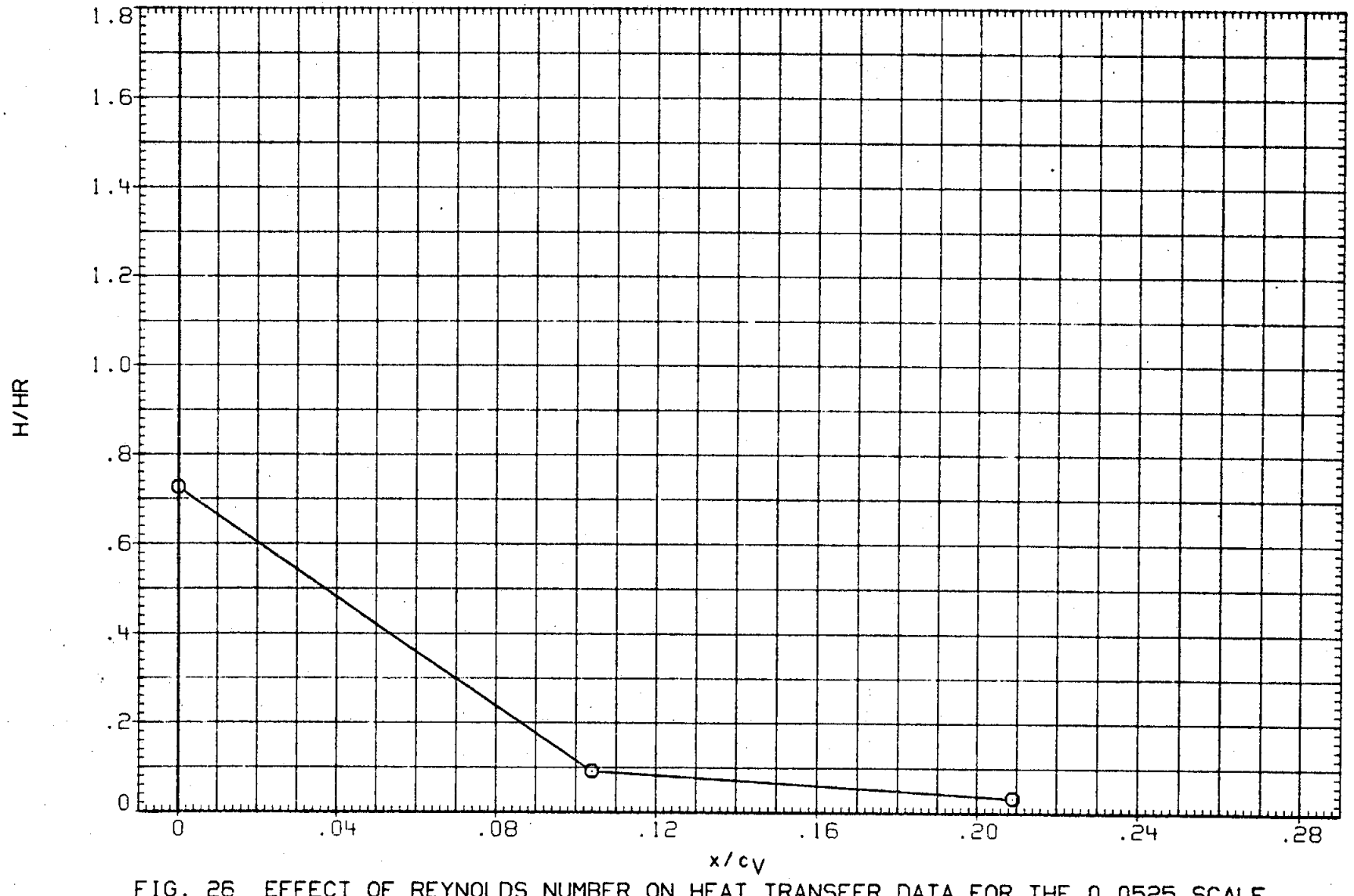


FIG. 26 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV13) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.012	.850	-4.990

PARAMETRIC VALUES

MACH 7.980 BETA -.004

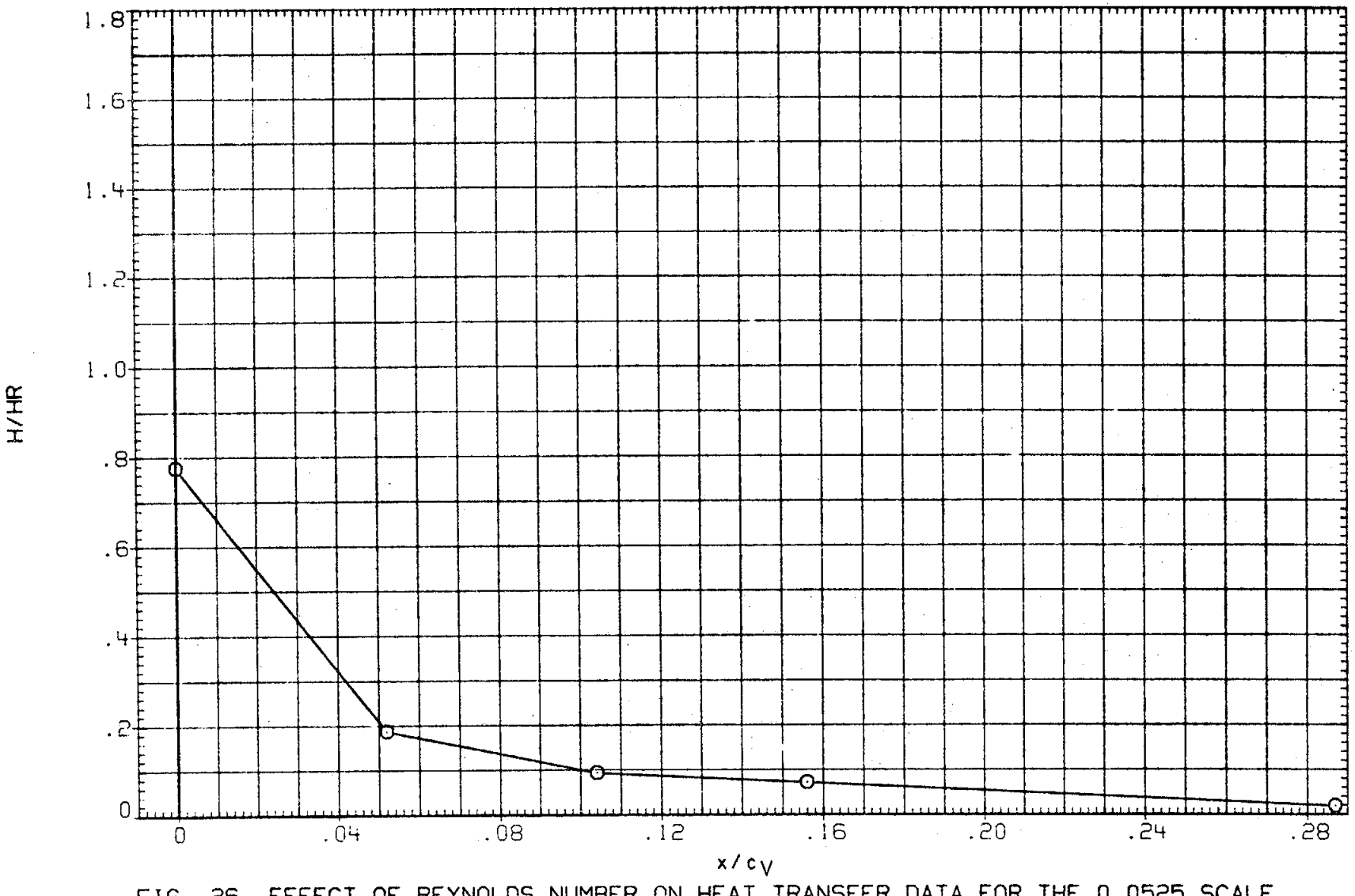


FIG. 26 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV13) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.012	.867	-4.990

PARAMETRIC VALUES

MACH 7.980 BETA -.004

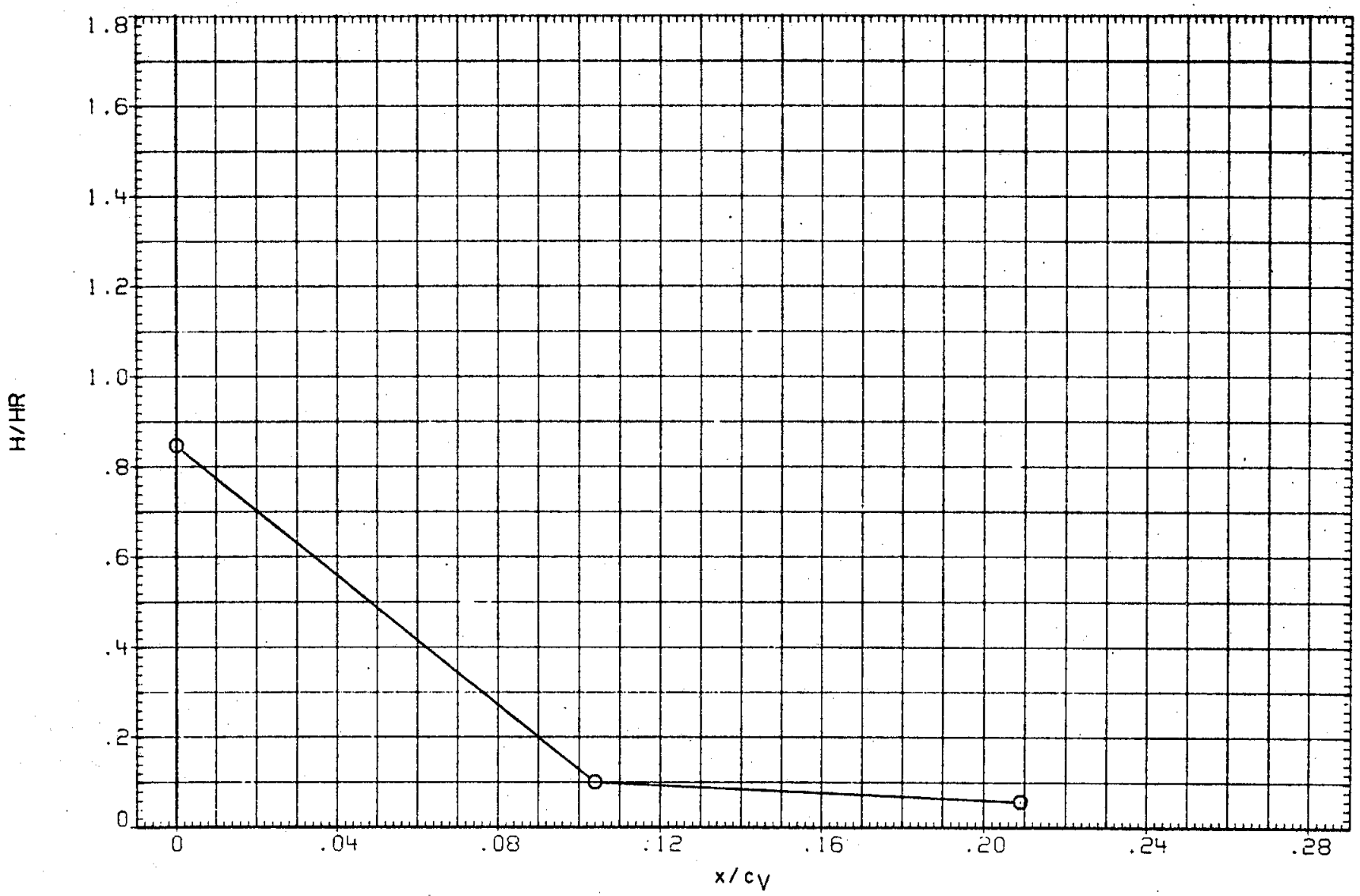


FIG. 26 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV13) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.012	.883	-4.990

PARAMETRIC VALUES

MACH 7.980 BETA -.004

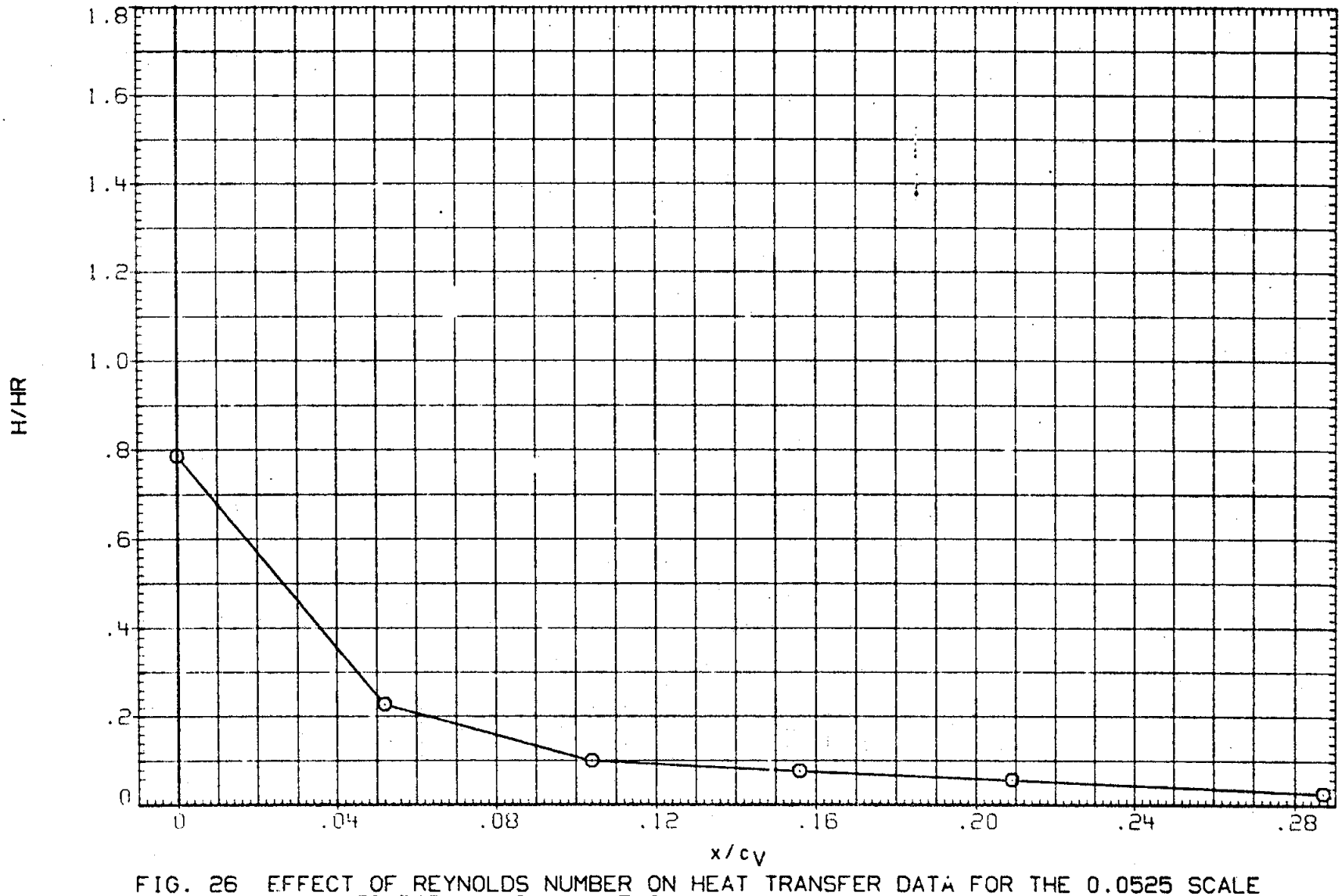


FIG. 26 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV13) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.012	.900	-4.990

PARAMETRIC VALUES

MACH 7.980 BETA -.004

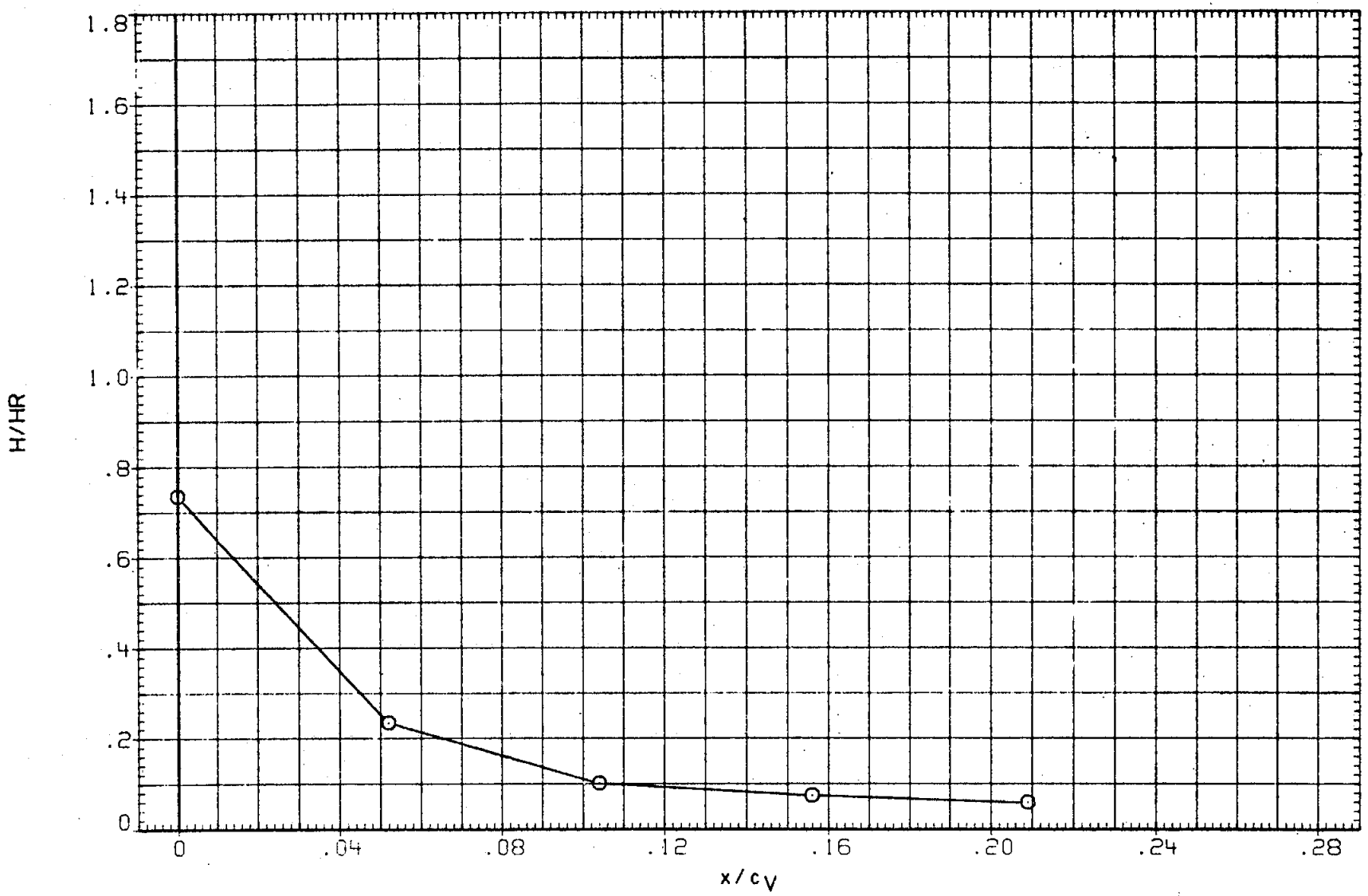


FIG. 26 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV13) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.012	.917	-4.990

PARAMETRIC VALUES

MACH 7.980 BETA -.004

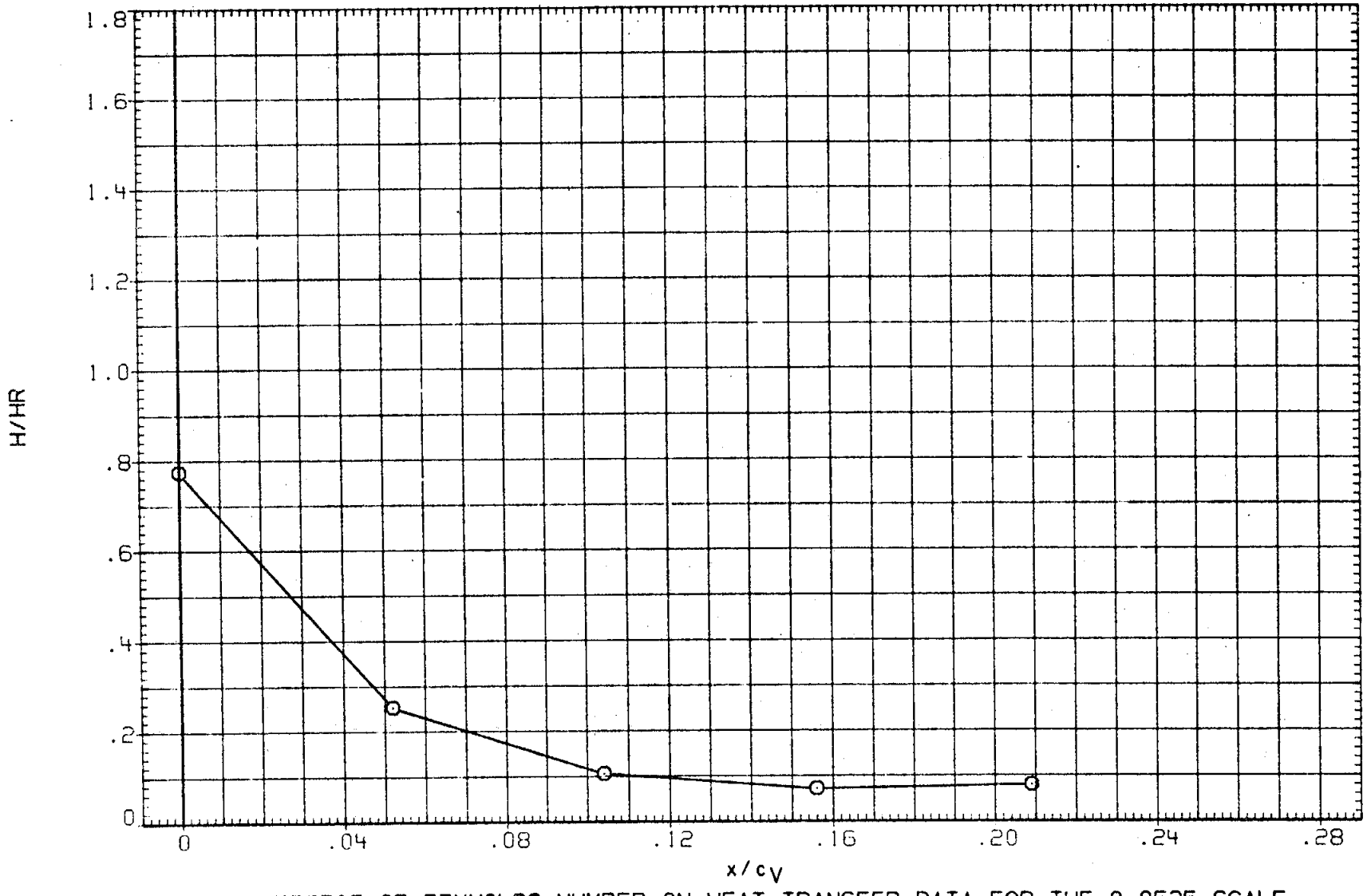


FIG. 26 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV13) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.012	.933	-4.990

PARAMETRIC VALUES

MACH 7.980 BETA -.004

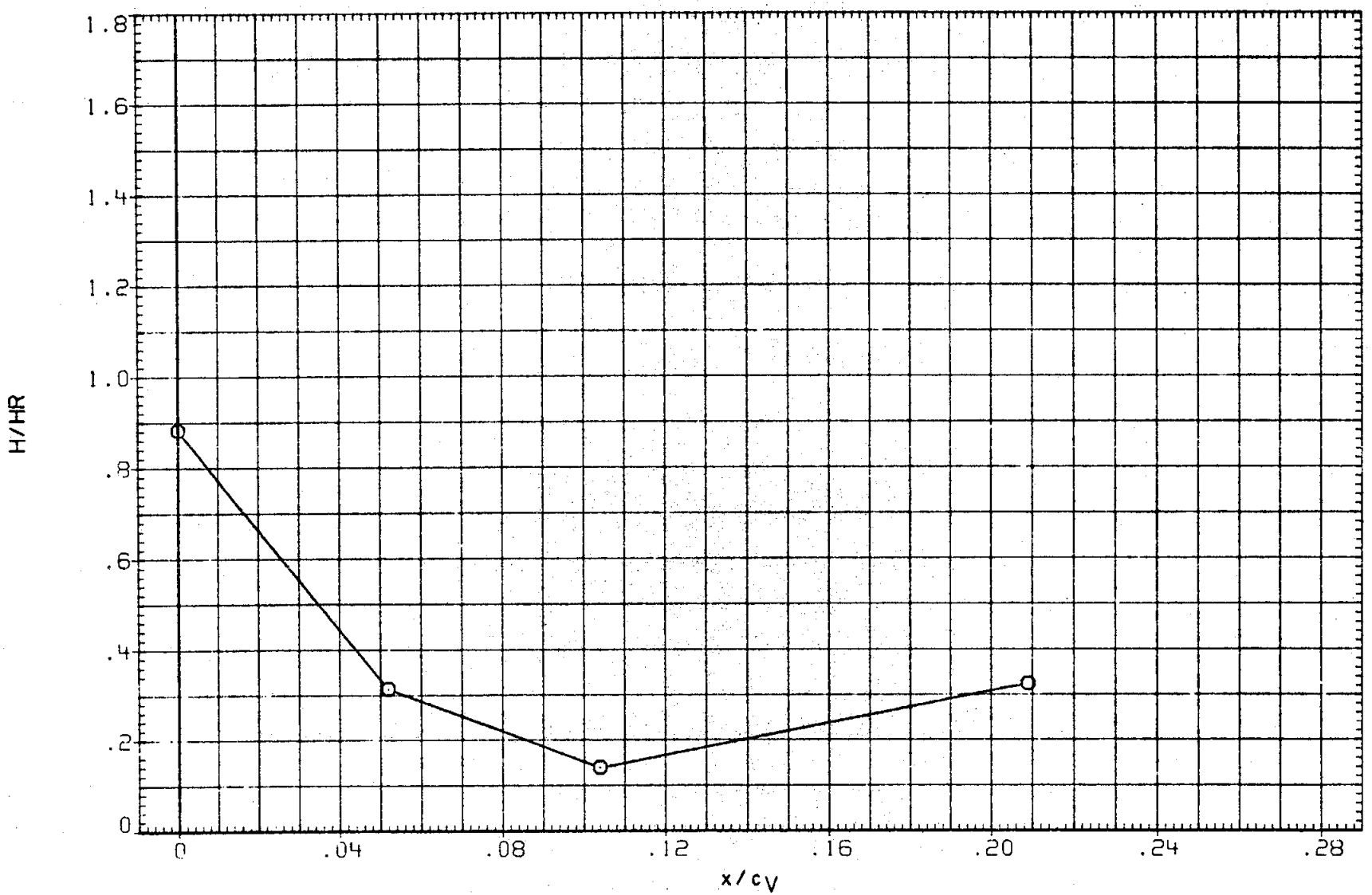


FIG. 26 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV13) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.012	.950	-4.990

PARAMETRIC VALUES

MACH 7.980 BETA -.004

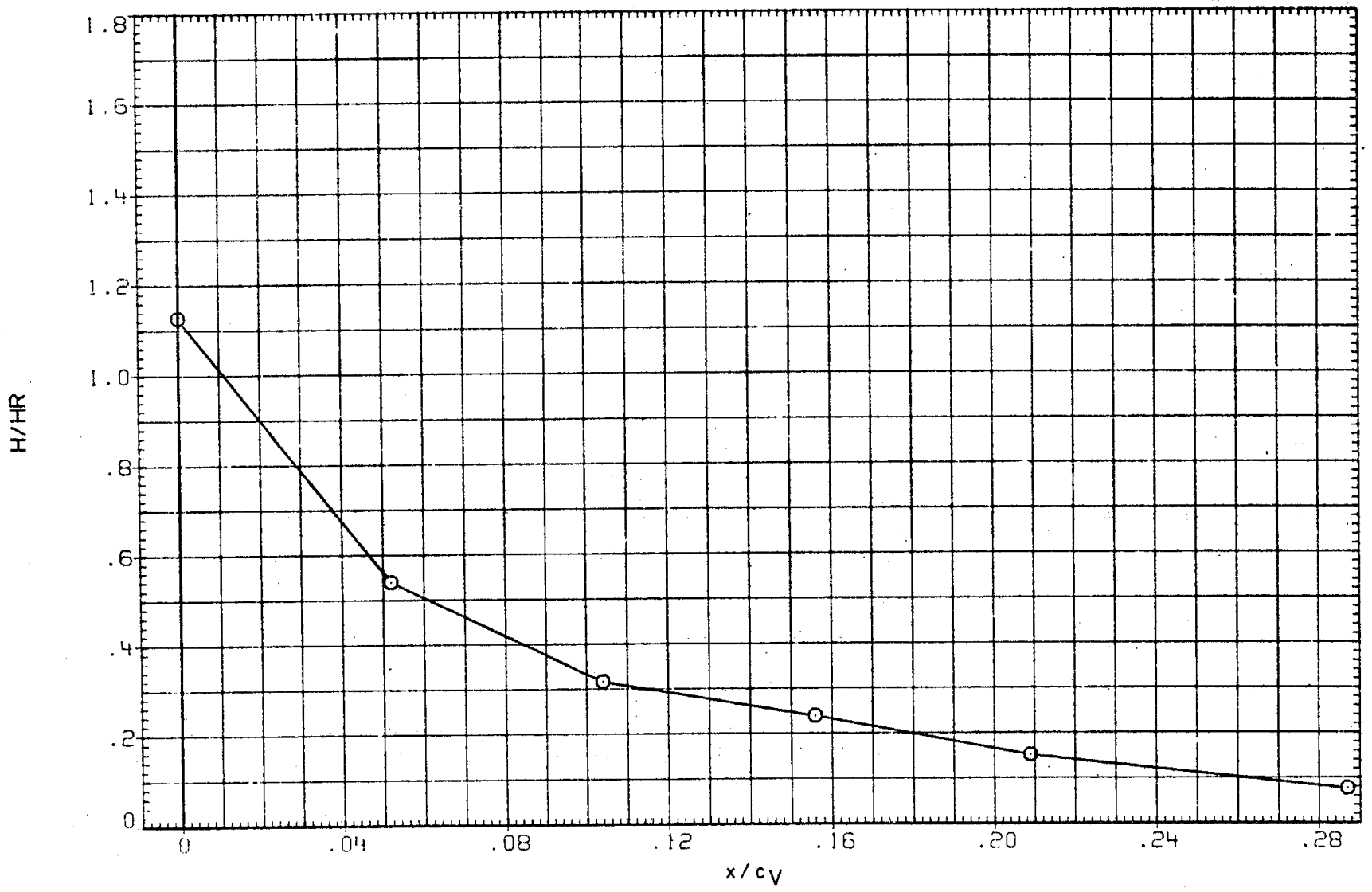


FIG. 26 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV13) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.012	.956	-4.990

PARAMETRIC VALUES

MACH 7.980 BETA -.004

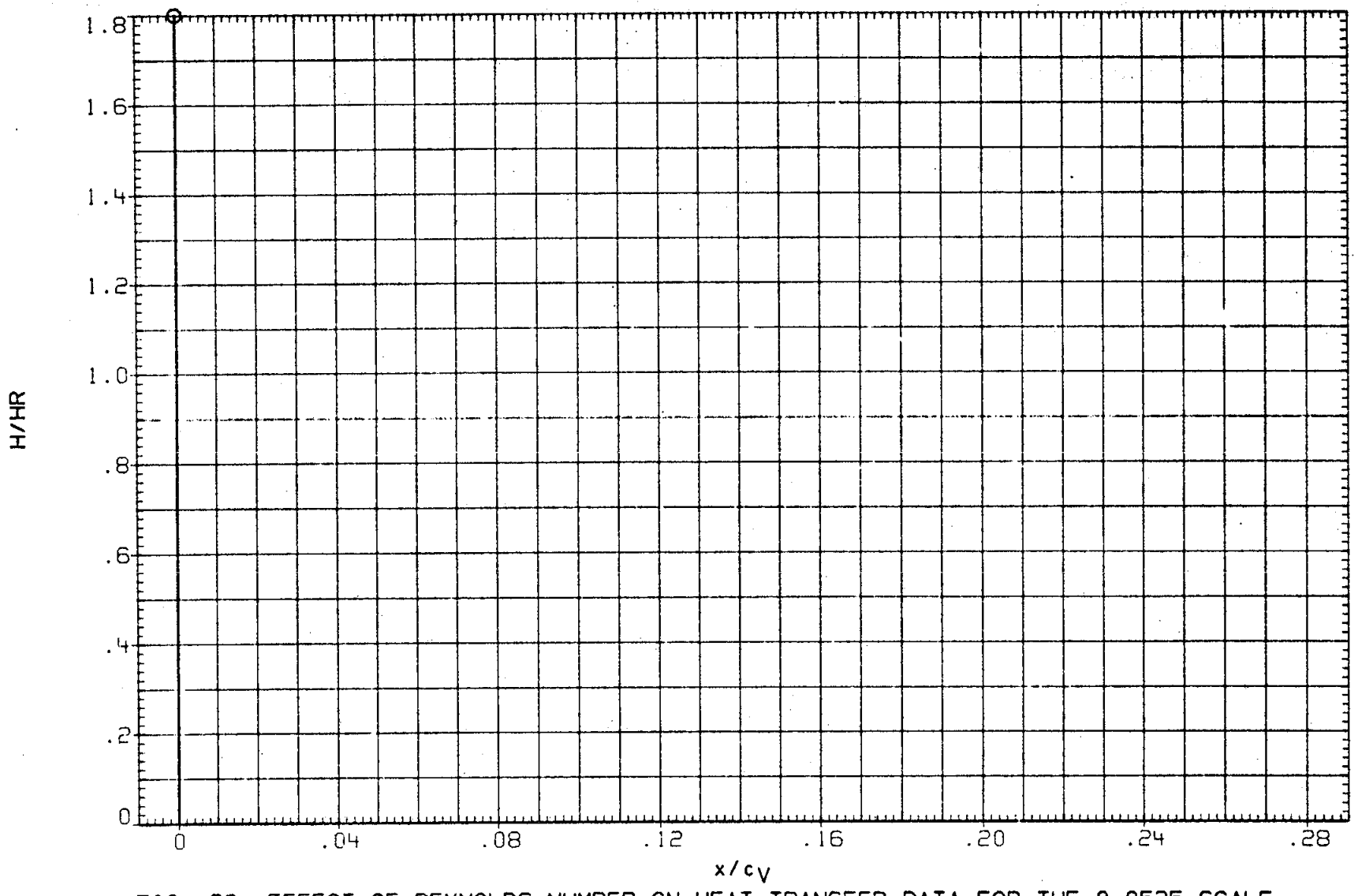


FIG. 26 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = -5.0

(R4XV14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.817	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

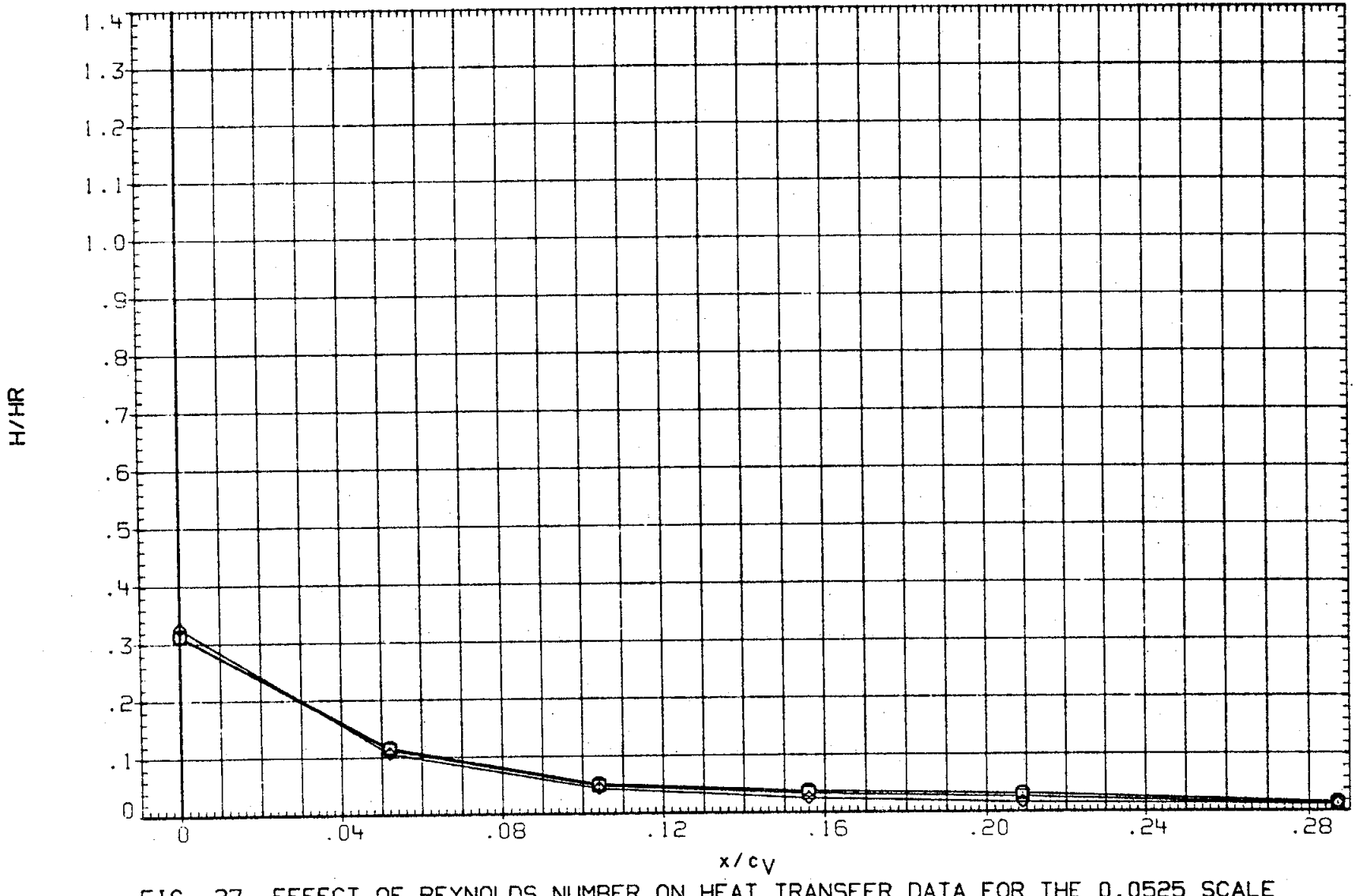


FIG. 27 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.833	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

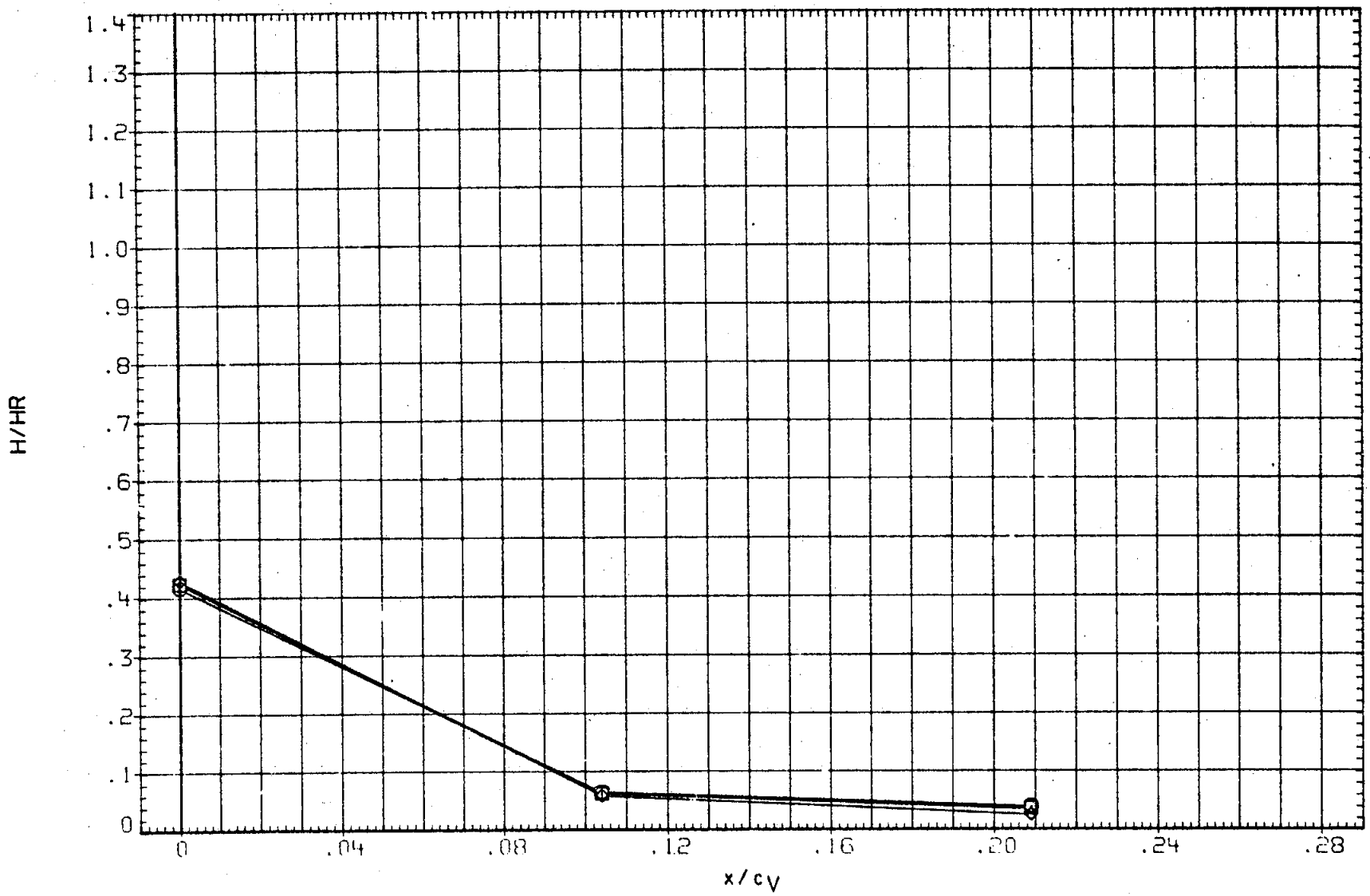


FIG. 27 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.850	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

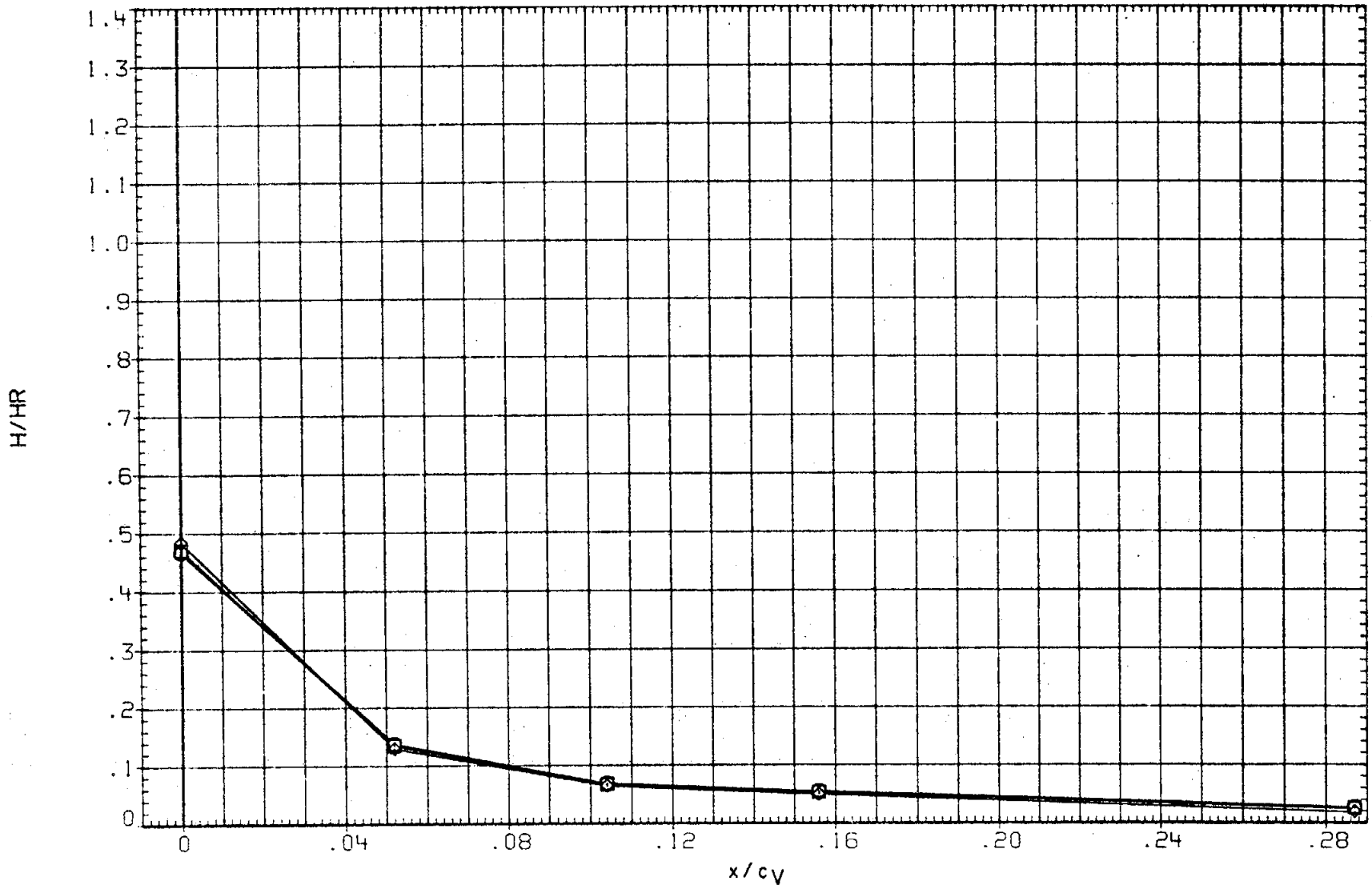


FIG. 27 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.867	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

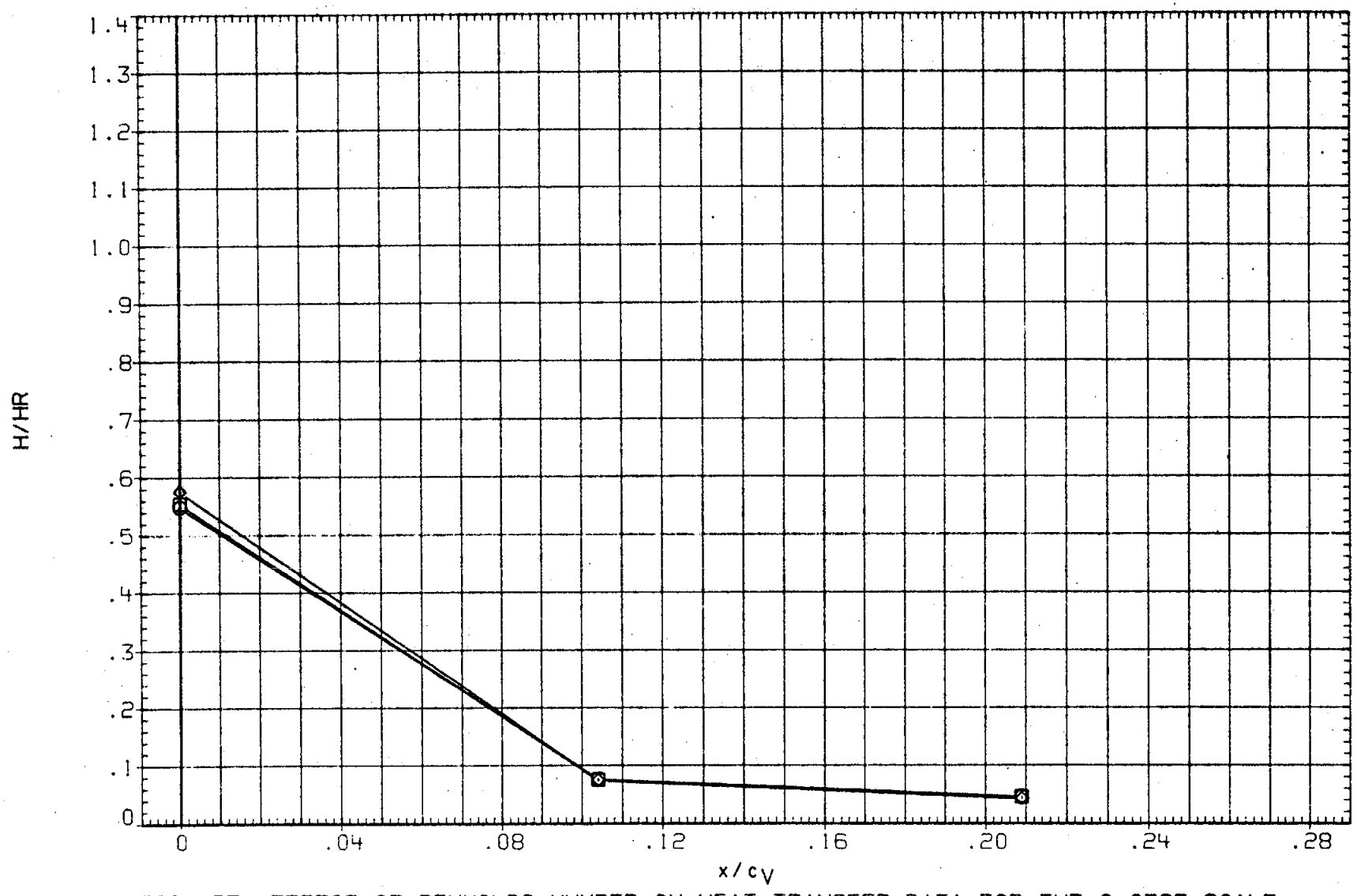


FIG. 27 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.883	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

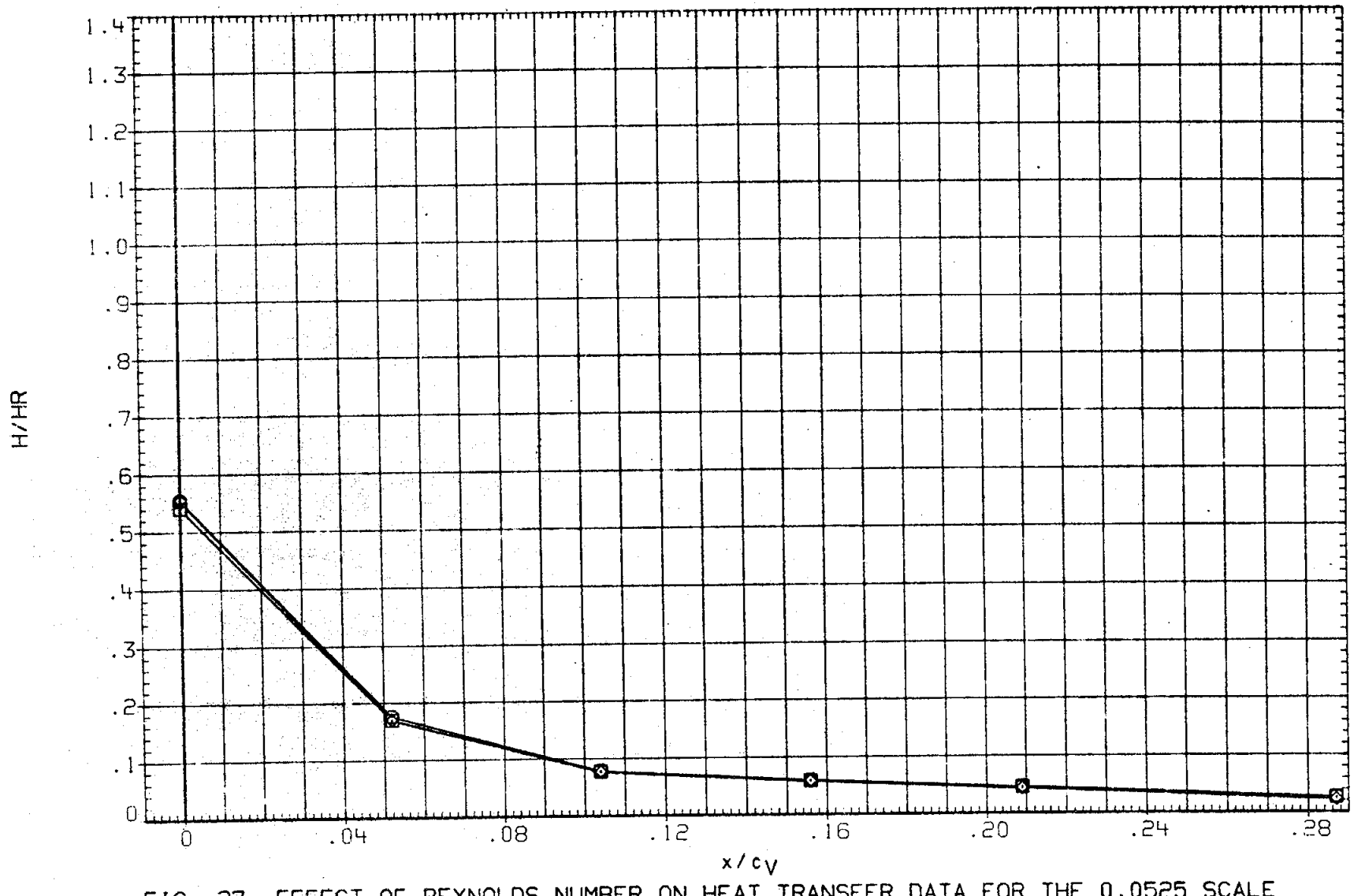


FIG. 27 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.900	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

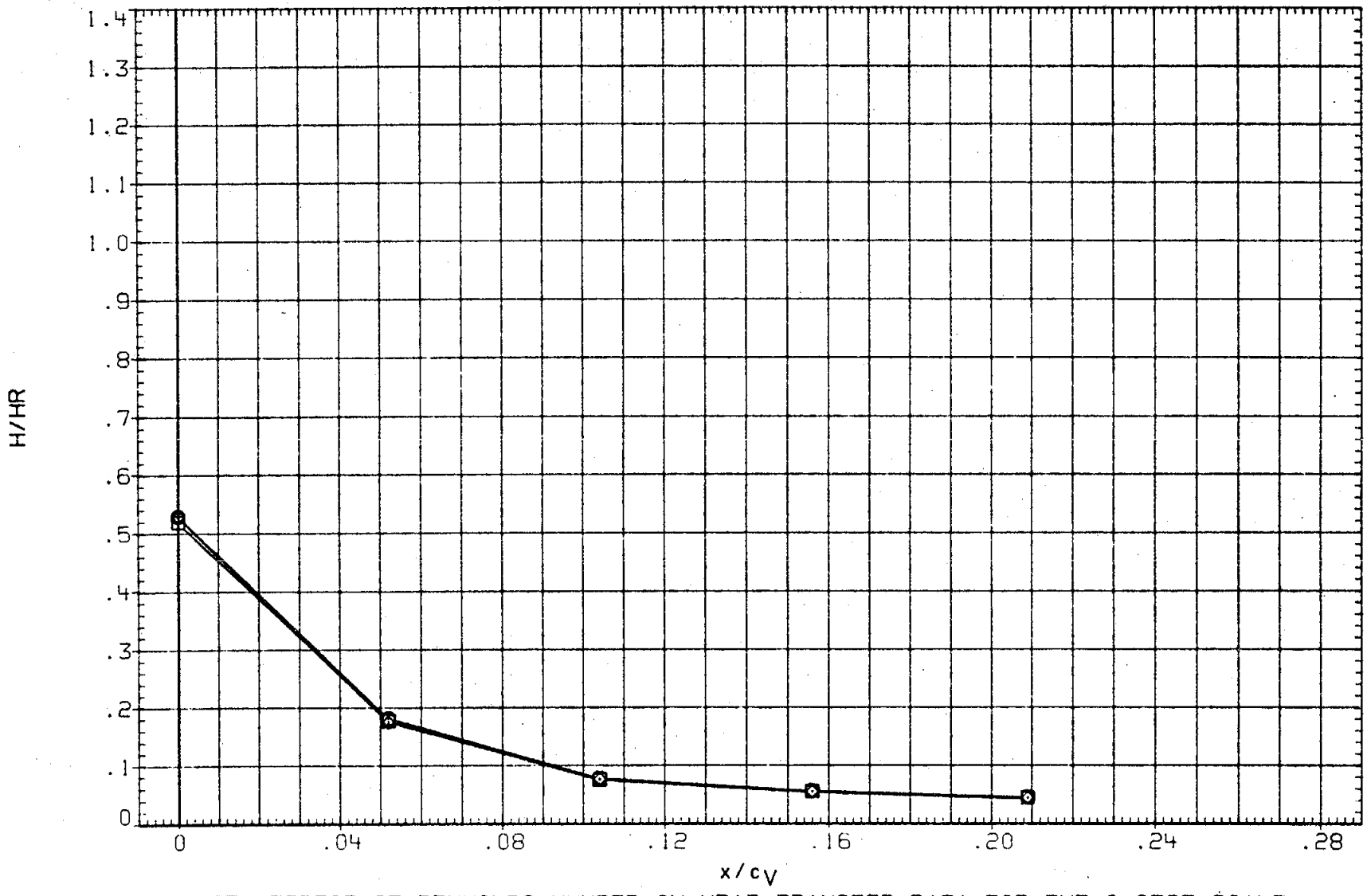


FIG. 27 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.917	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

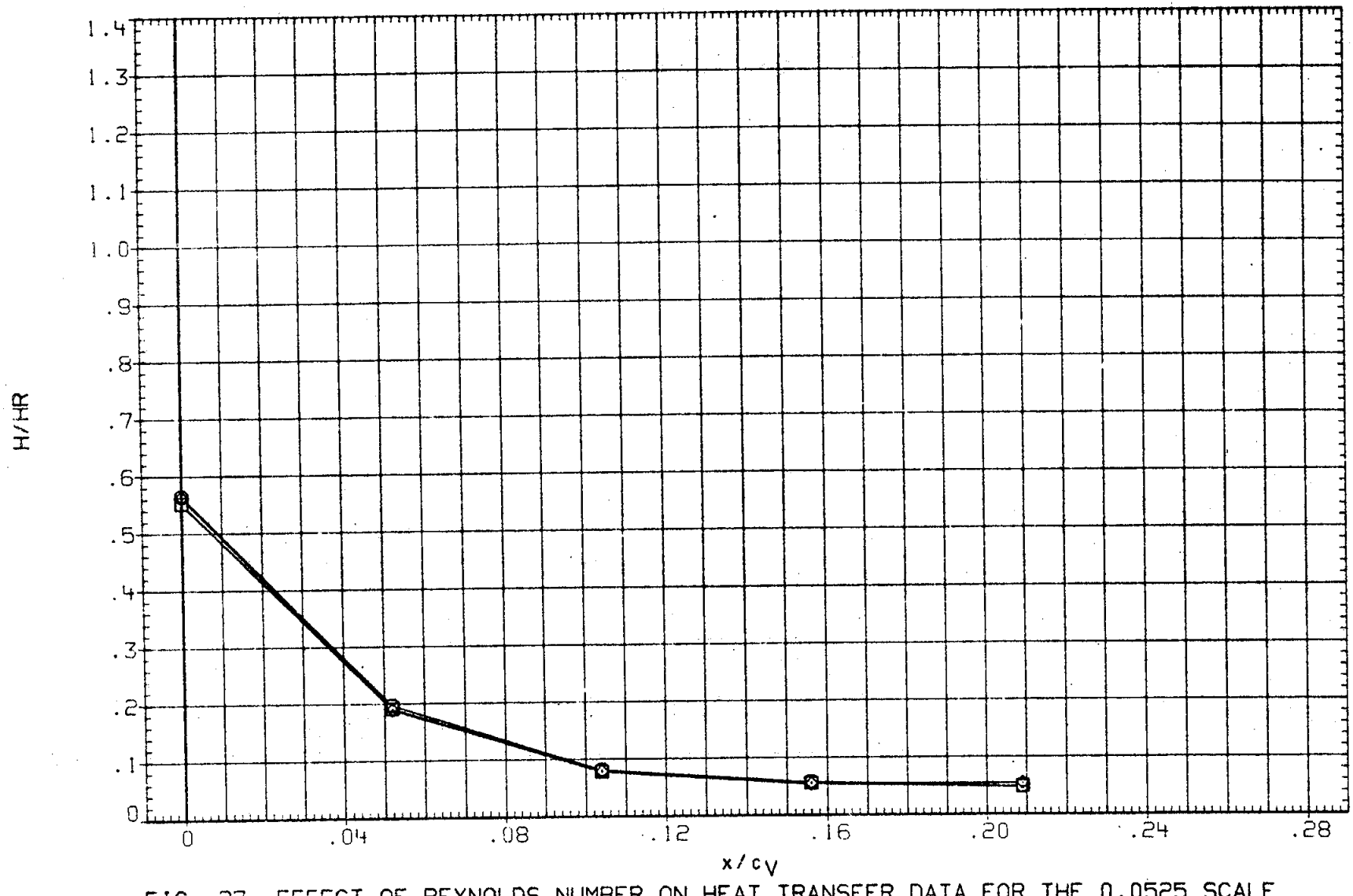


FIG. 27 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.933	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

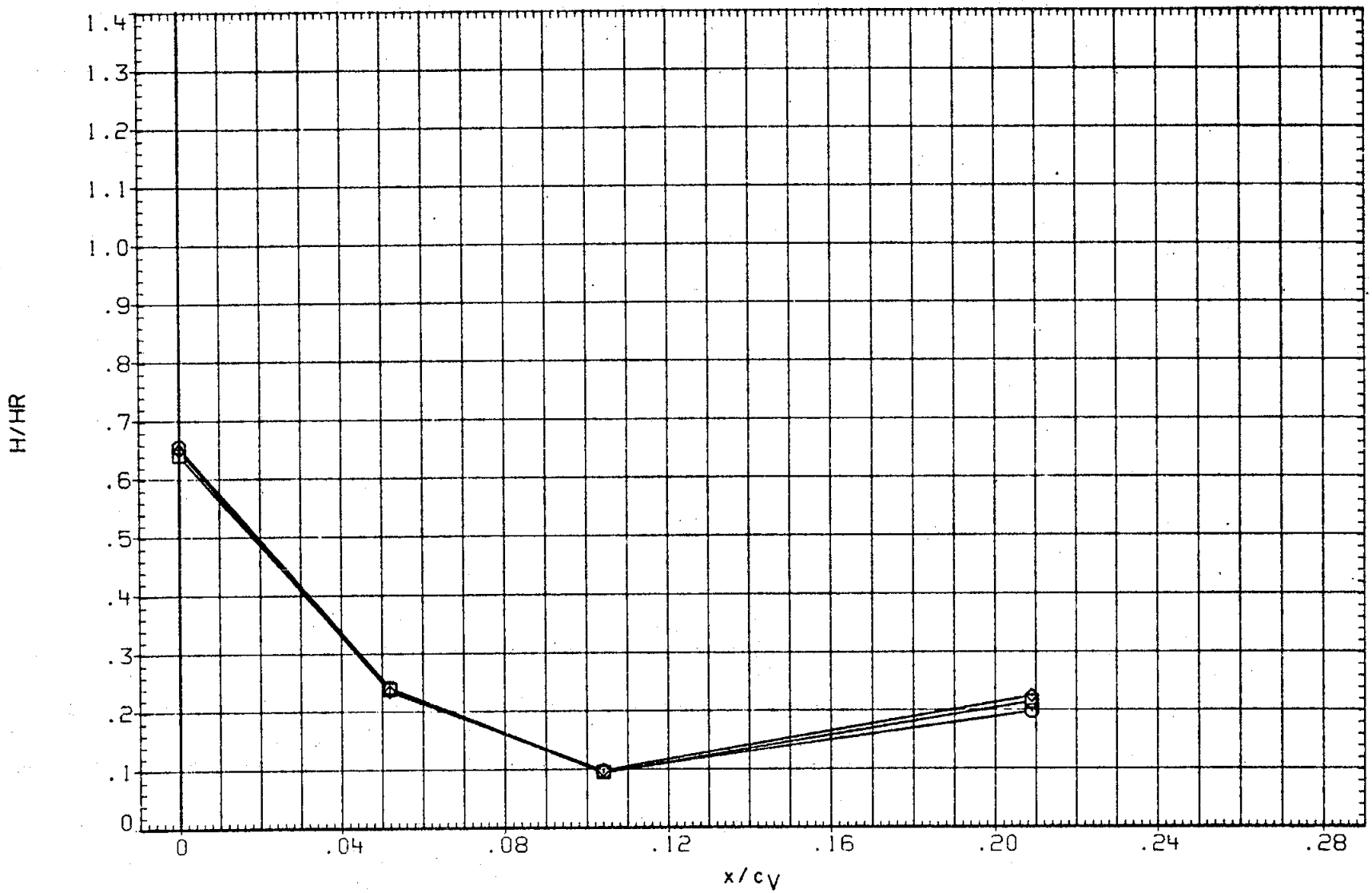


FIG. 27 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.950	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

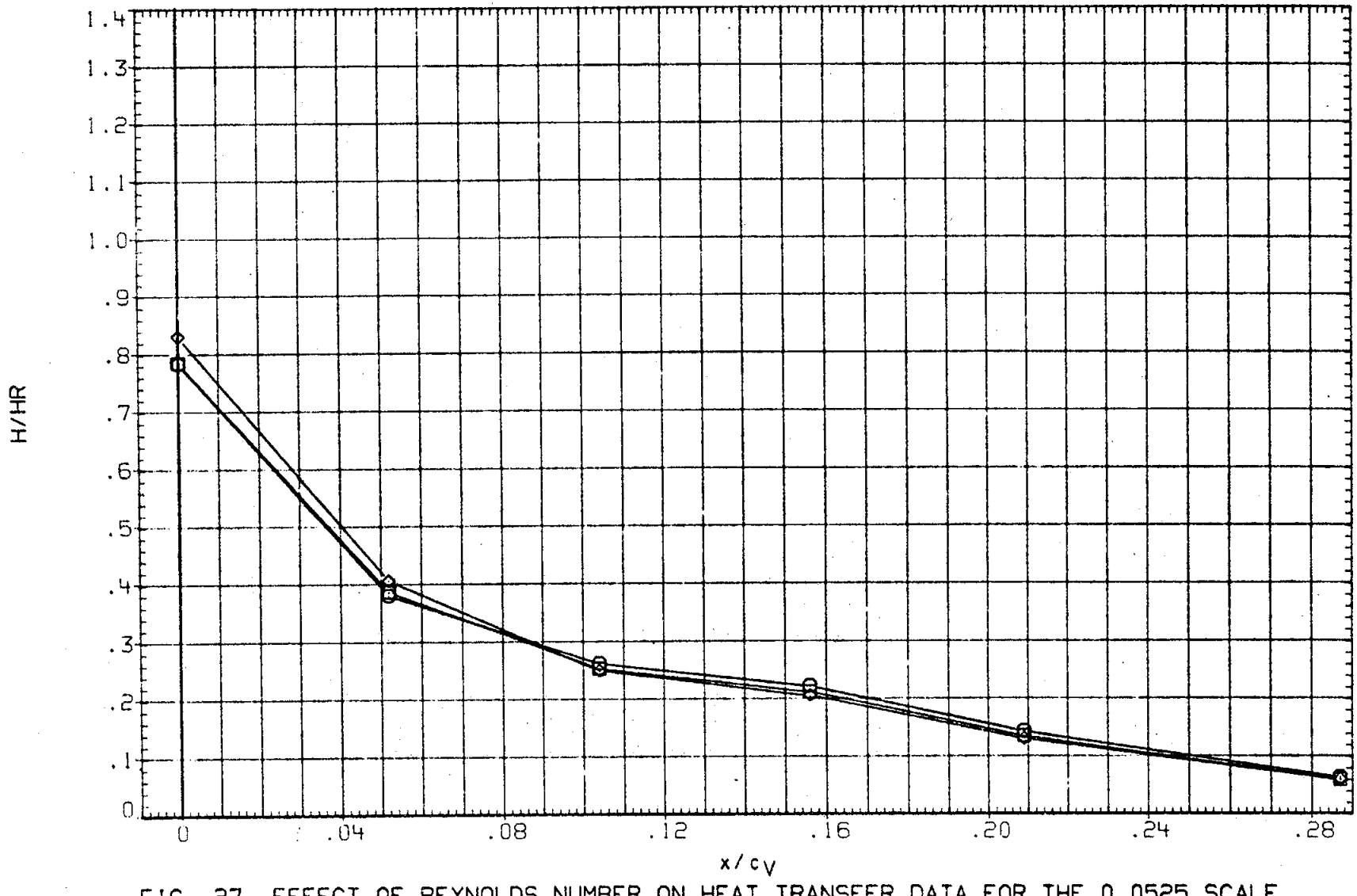


FIG. 27 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.508	.956	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

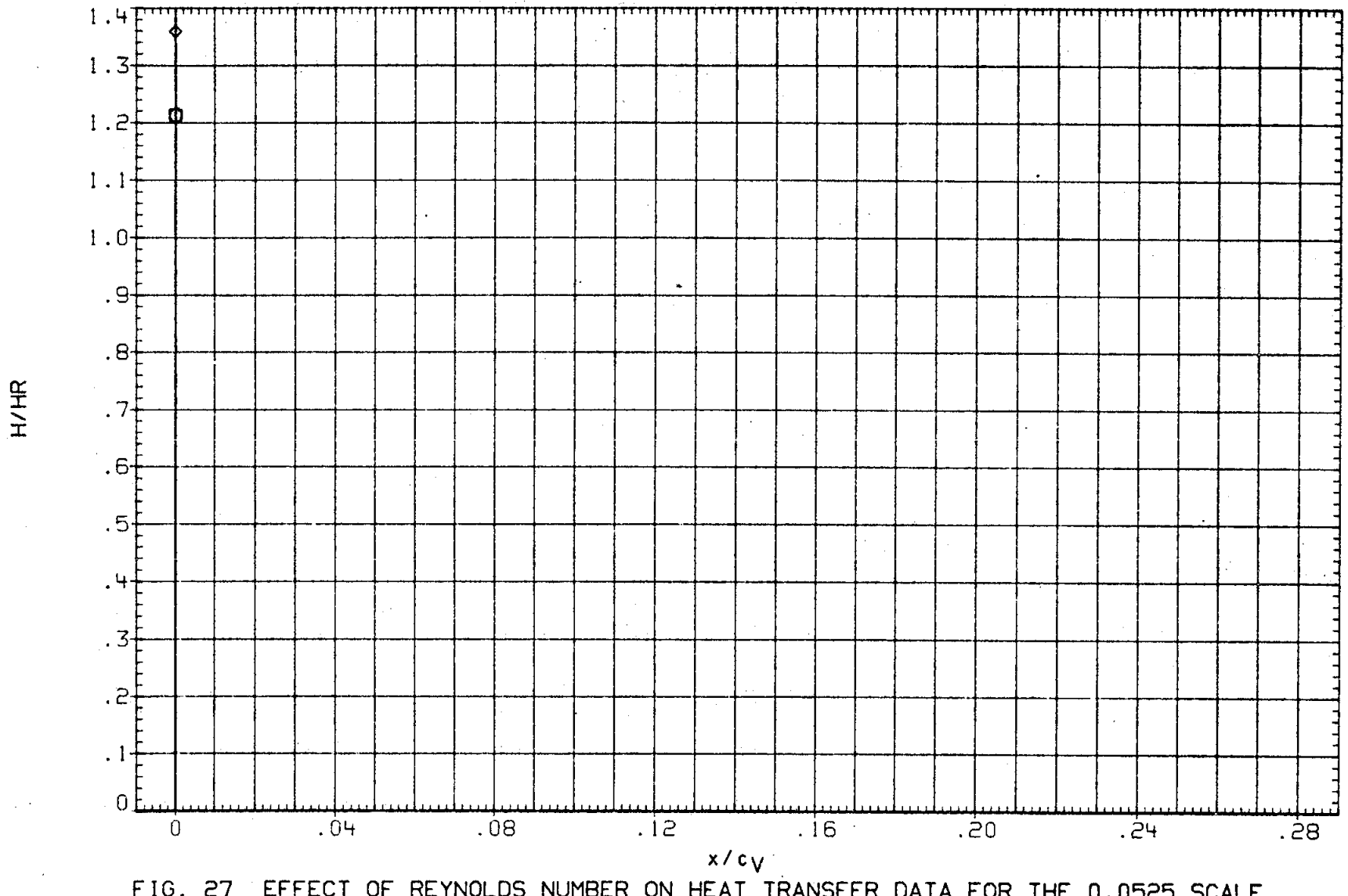


FIG. 27 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV15) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.022	.817	.004

PARAMETRIC VALUES

MACH 7.980 BETA .000

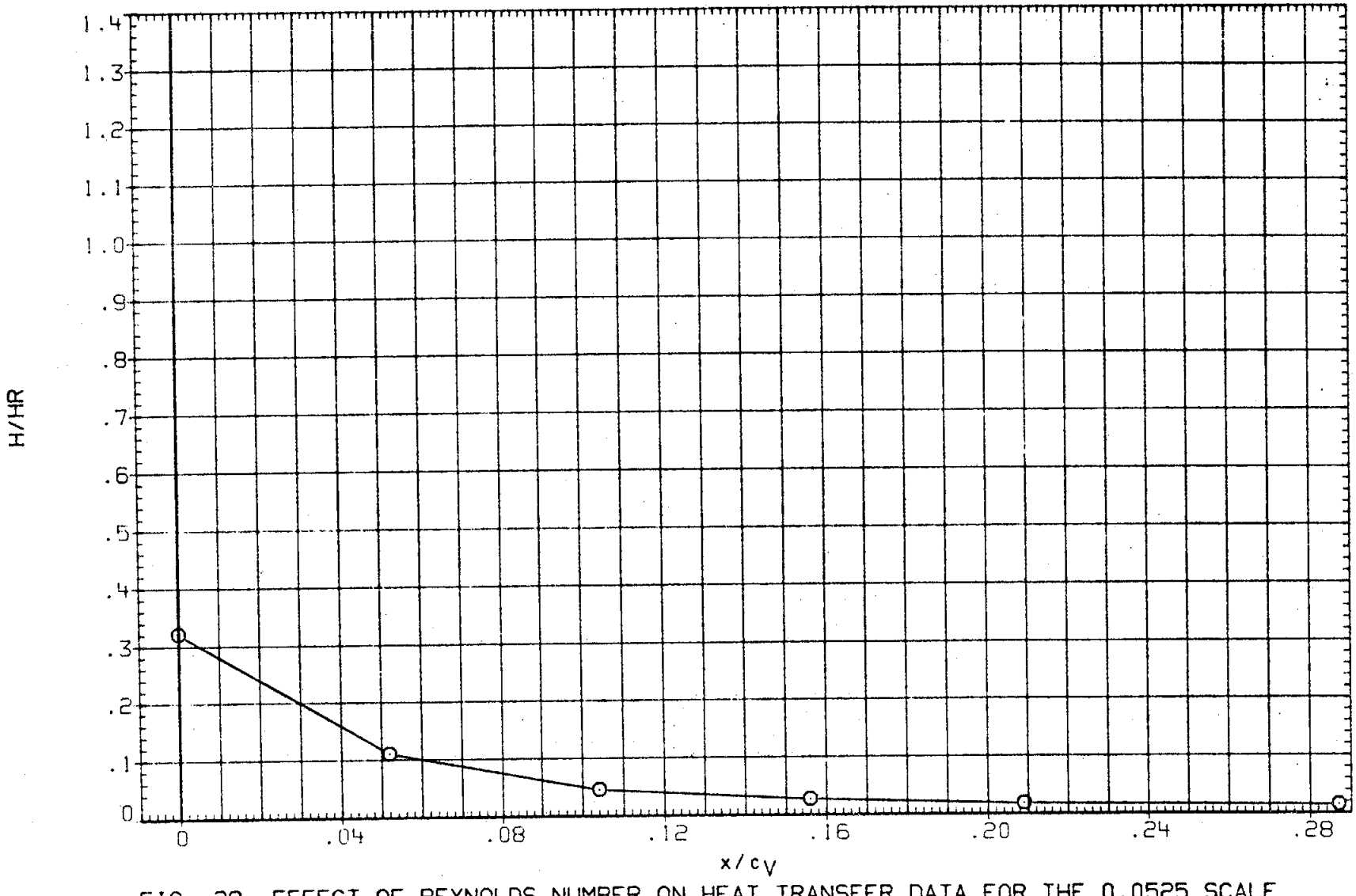


FIG. 28 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV15) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.022	.833	.004

PARAMETRIC VALUES

MACH 7.980 BETA .000

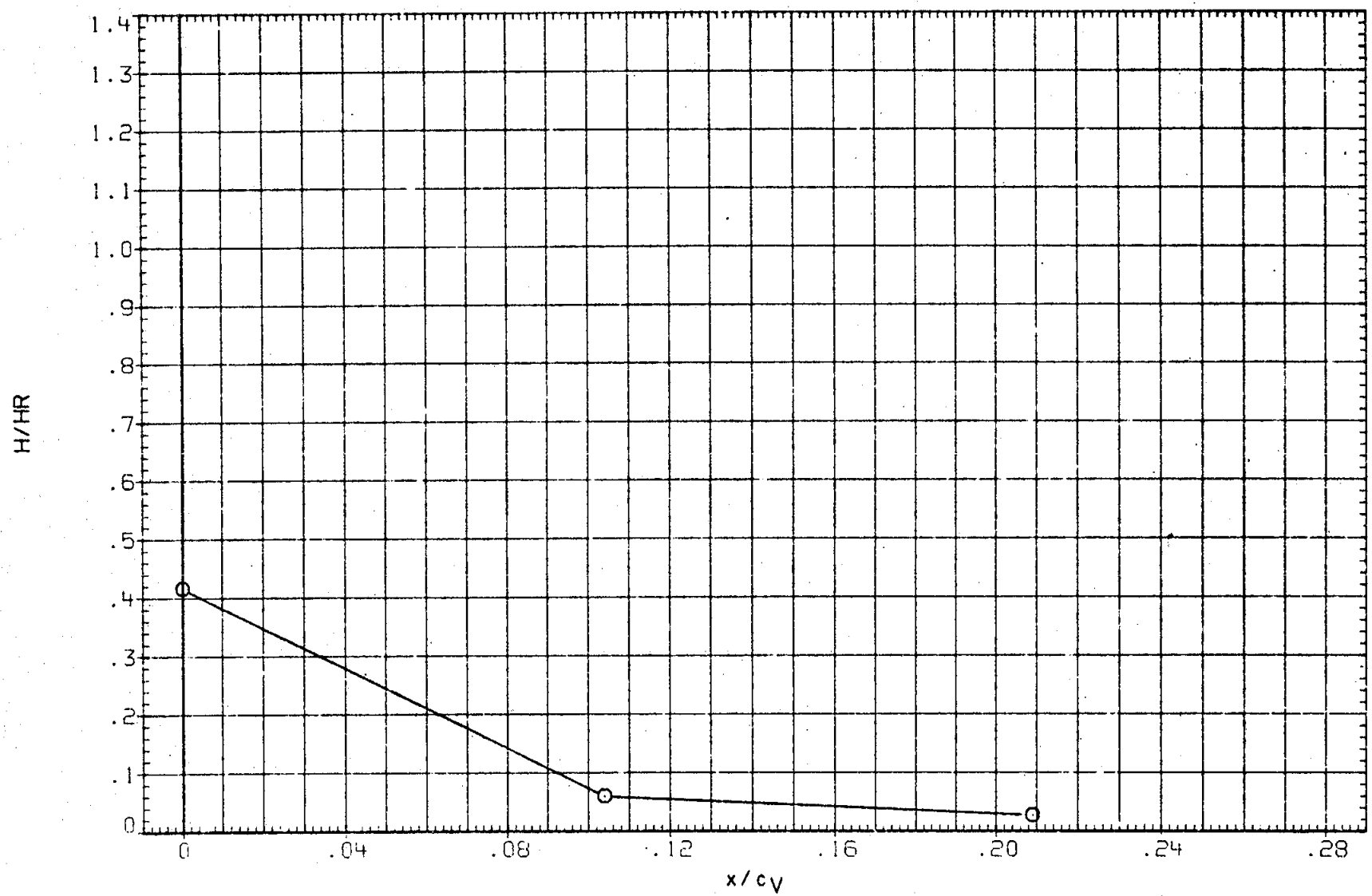


FIG. 28 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV15) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.022	.850	.004

PARAMETRIC VALUES

MACH 7.980 BETA .000

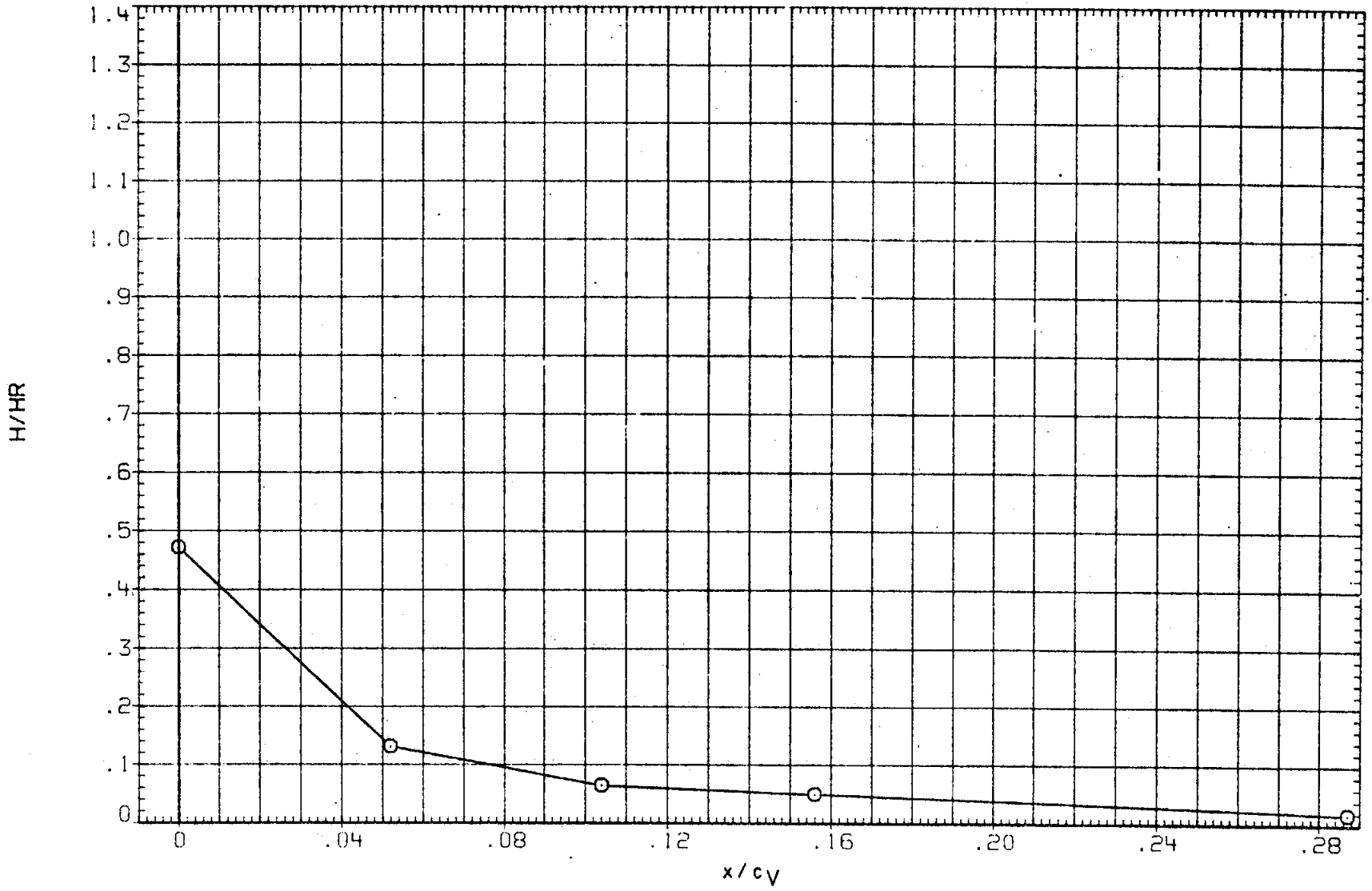


FIG. 28 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV15) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.022	.867	.004

PARAMETRIC VALUES

MACH 7.980 BETA .000

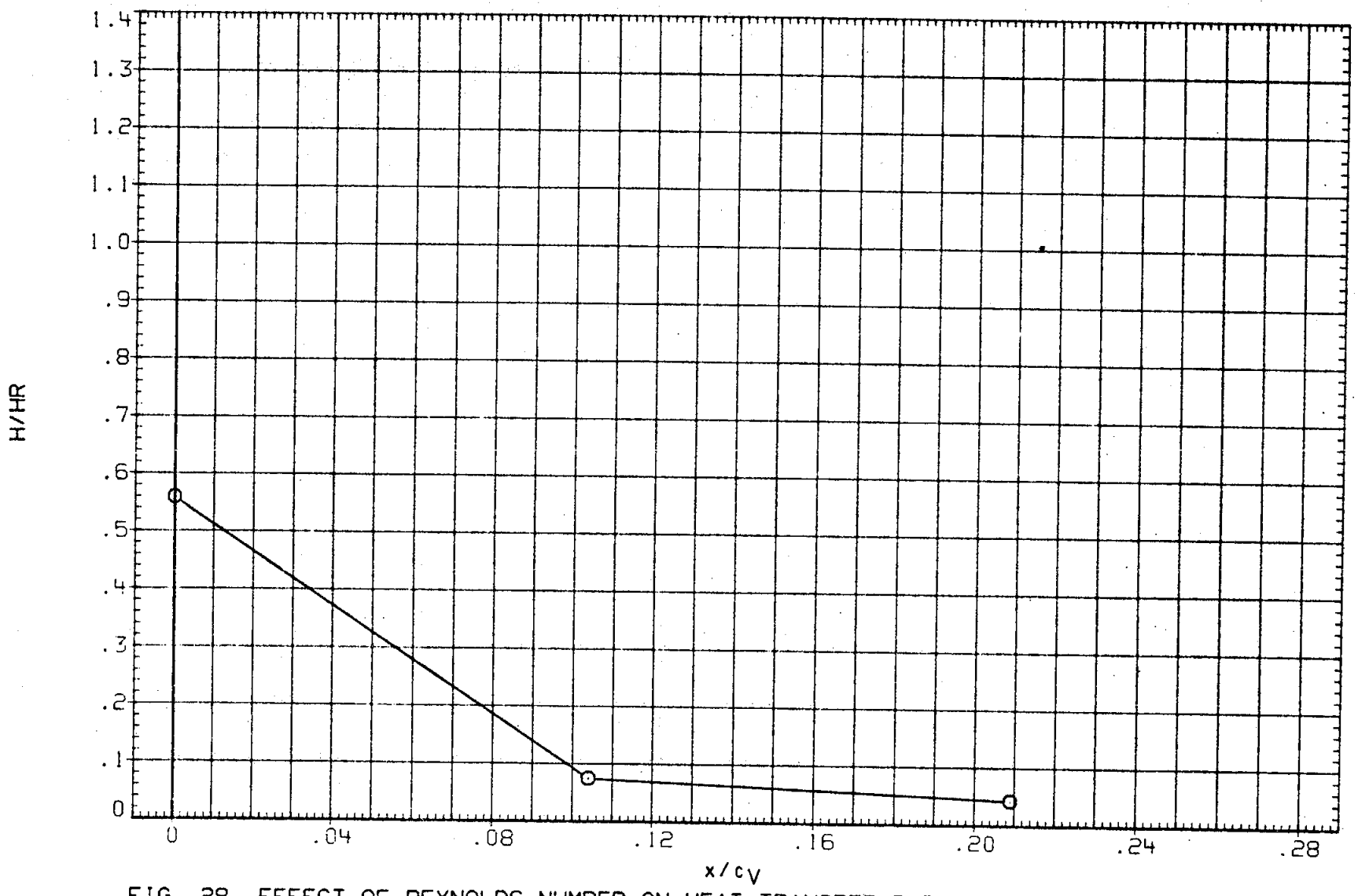


FIG. 28 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV15) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.022	.883	.004

PARAMETRIC VALUES

MACH 7.980 BETA .000

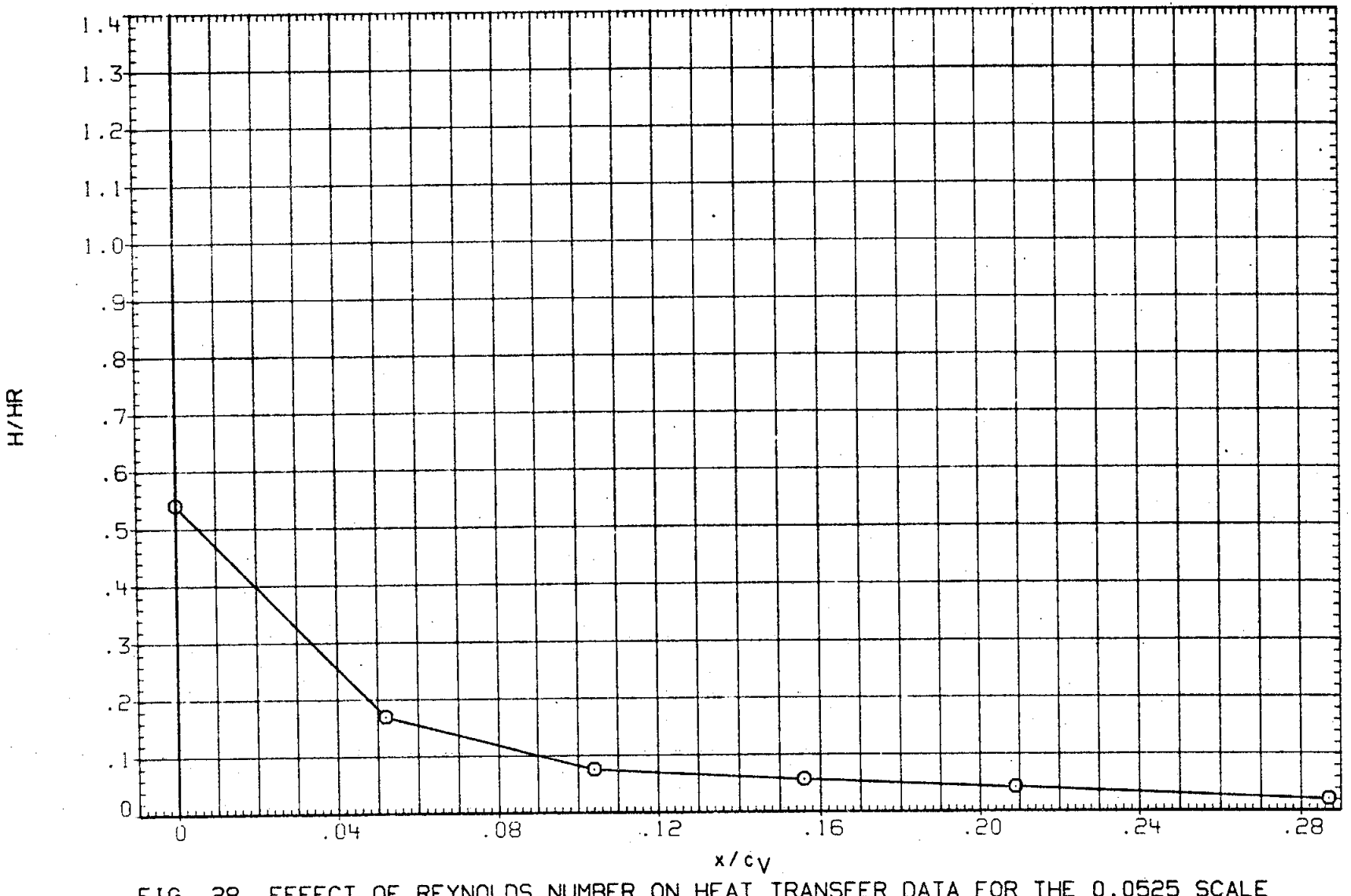


FIG. 28 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV15) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.022	.900	.004

PARAMETRIC VALUES

MACH 7.980 BETA .000

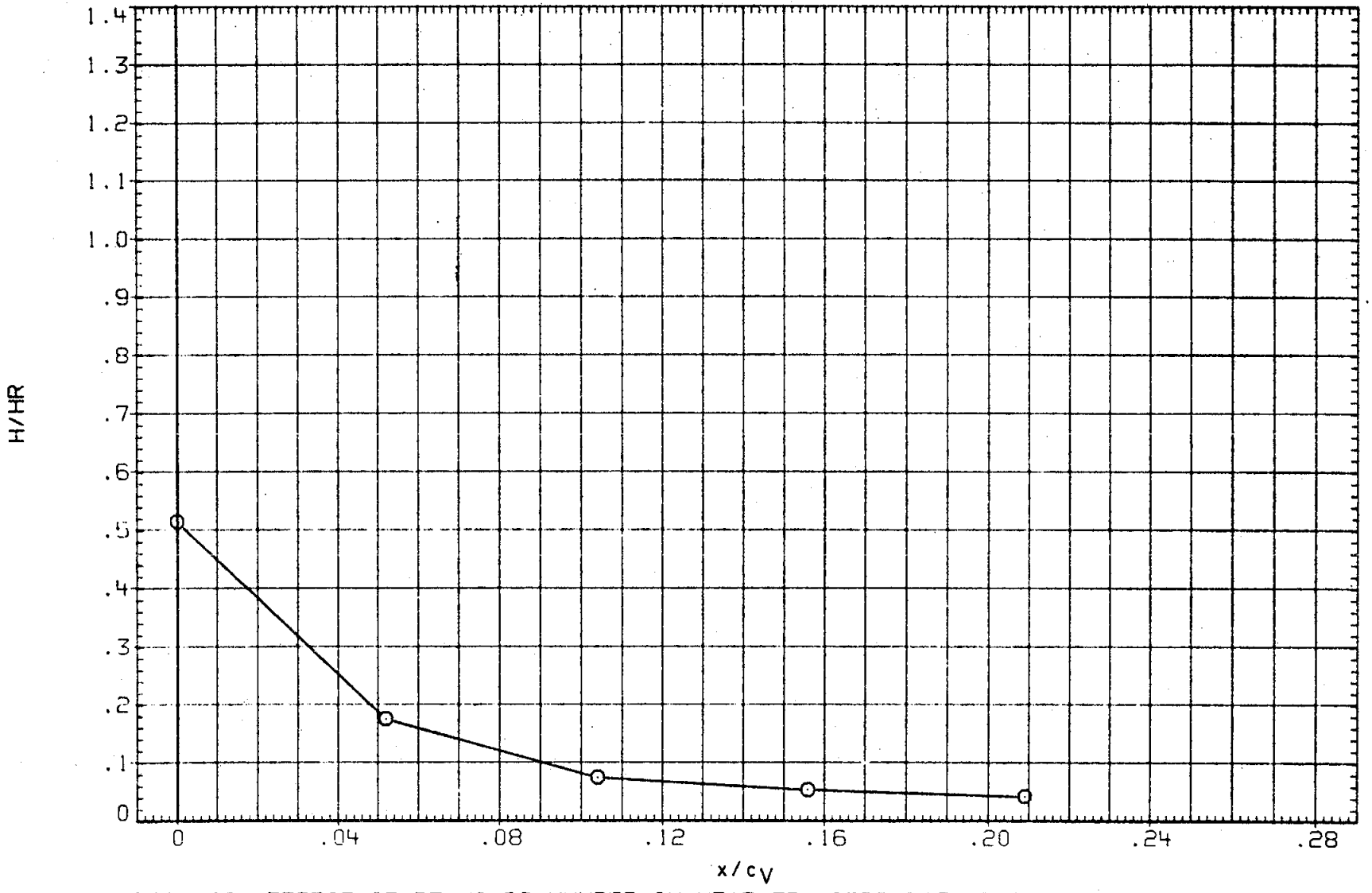


FIG. 28 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV15) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.022	.917	.004

PARAMETRIC VALUES

MACH 7.980 BETA .000

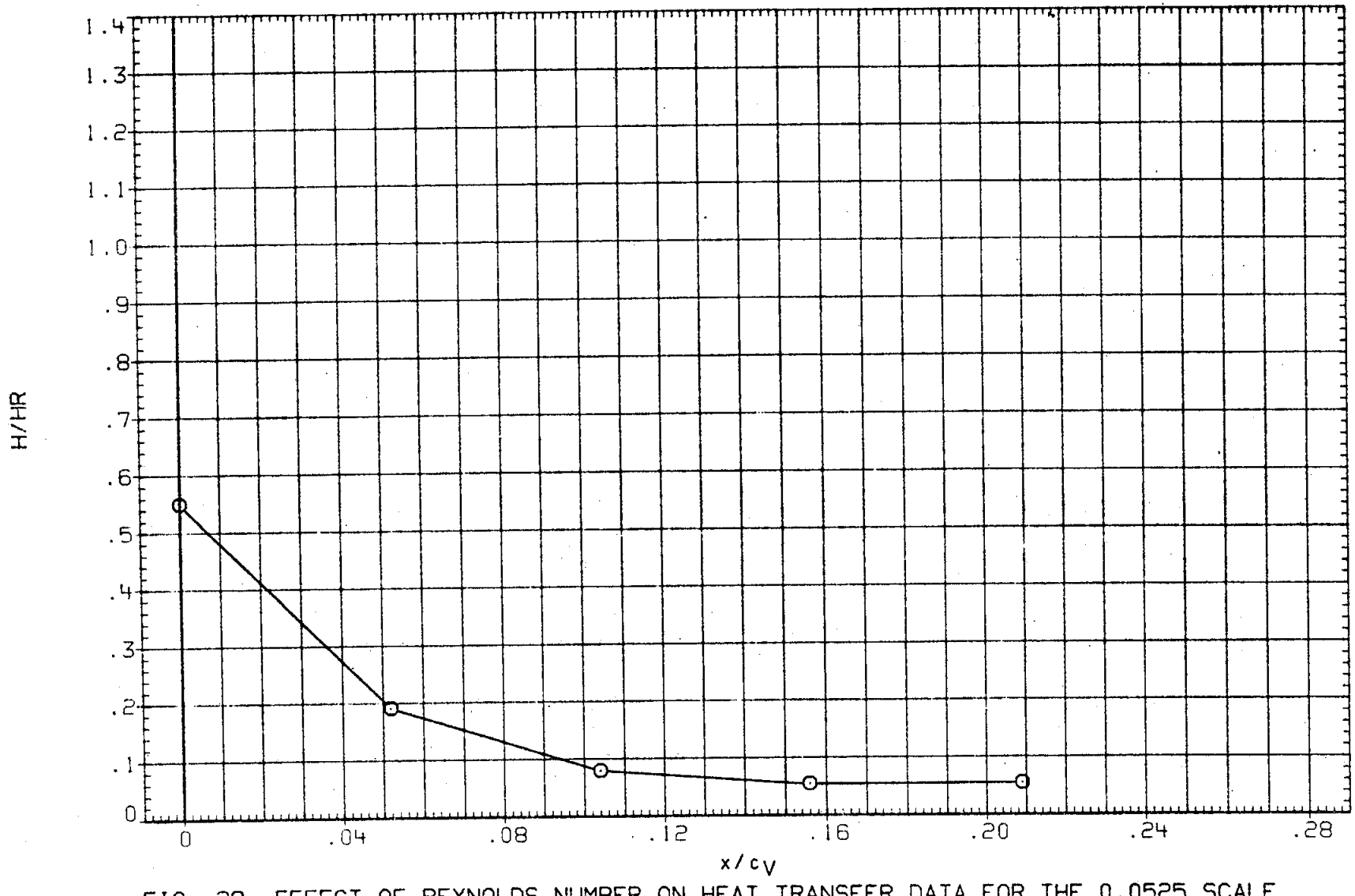


FIG. 28 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV15) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.022	.933	.004

PARAMETRIC VALUES

MACH 7.980 BETA .000

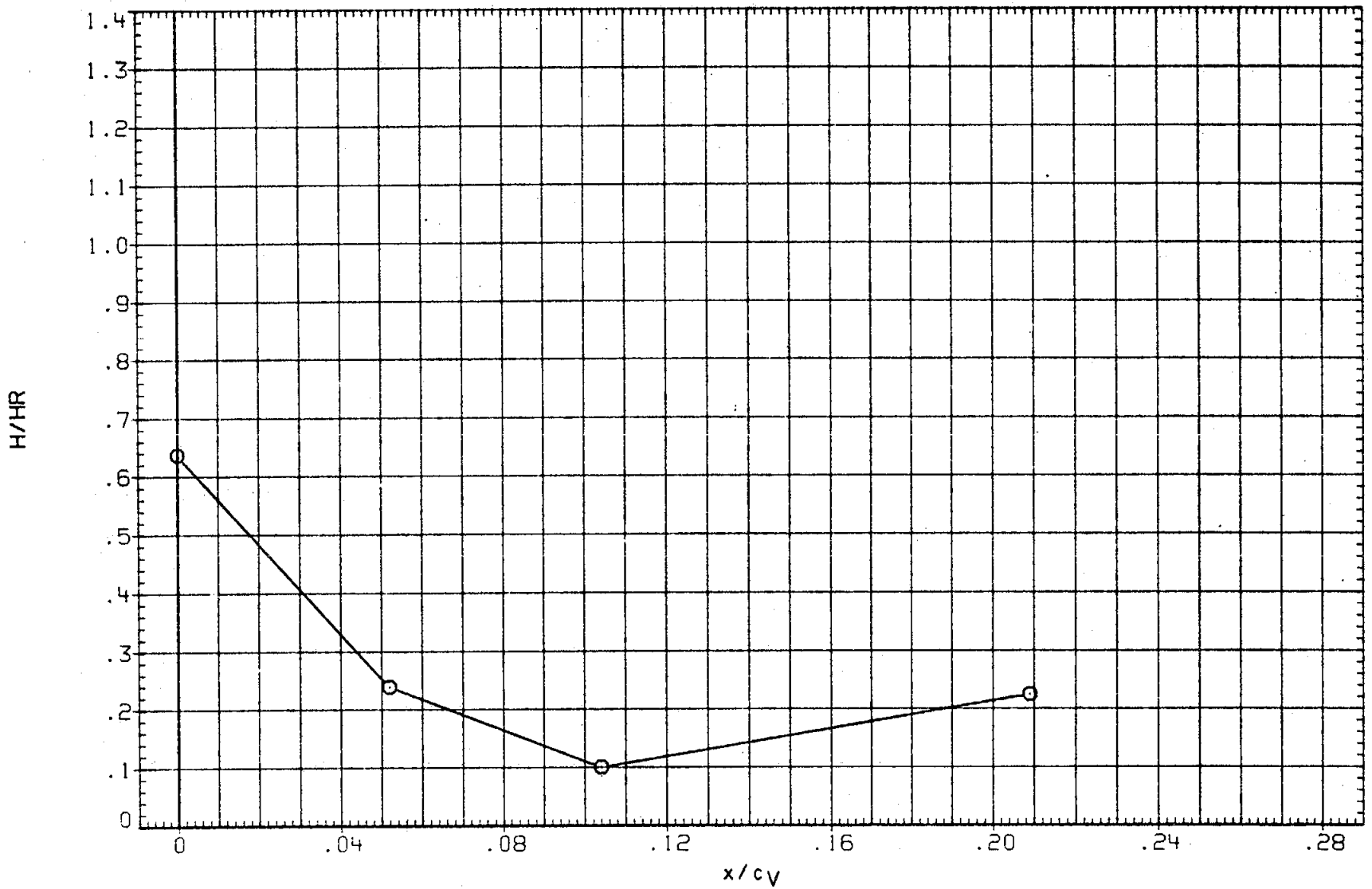


FIG. 28 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV15) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.022	.950	.004

PARAMETRIC VALUES

MACH 7.980 BETA .000

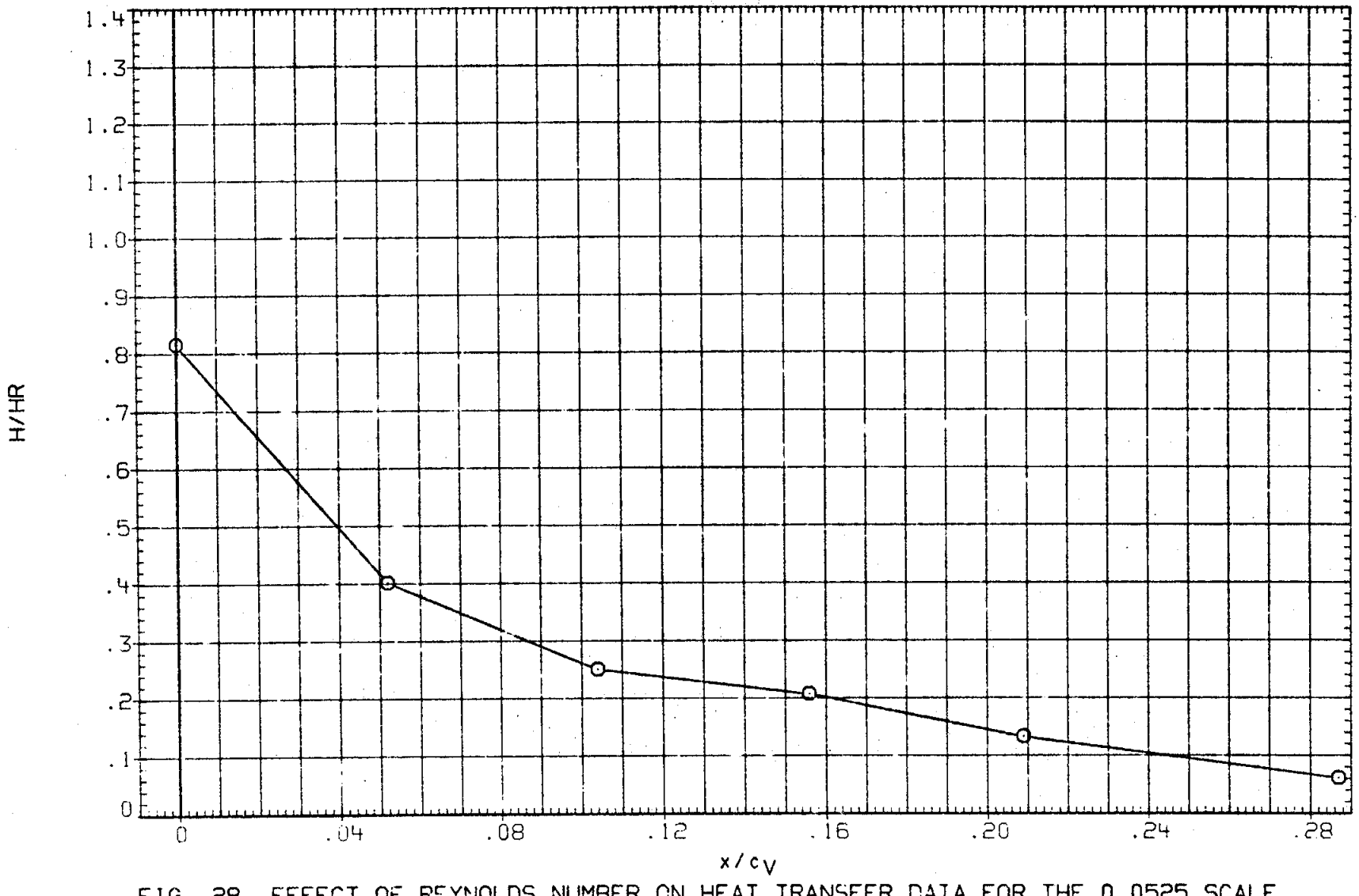


FIG. 28 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV15) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.022	.956	.004

PARAMETRIC VALUES

MACH 7.980 BETA .000

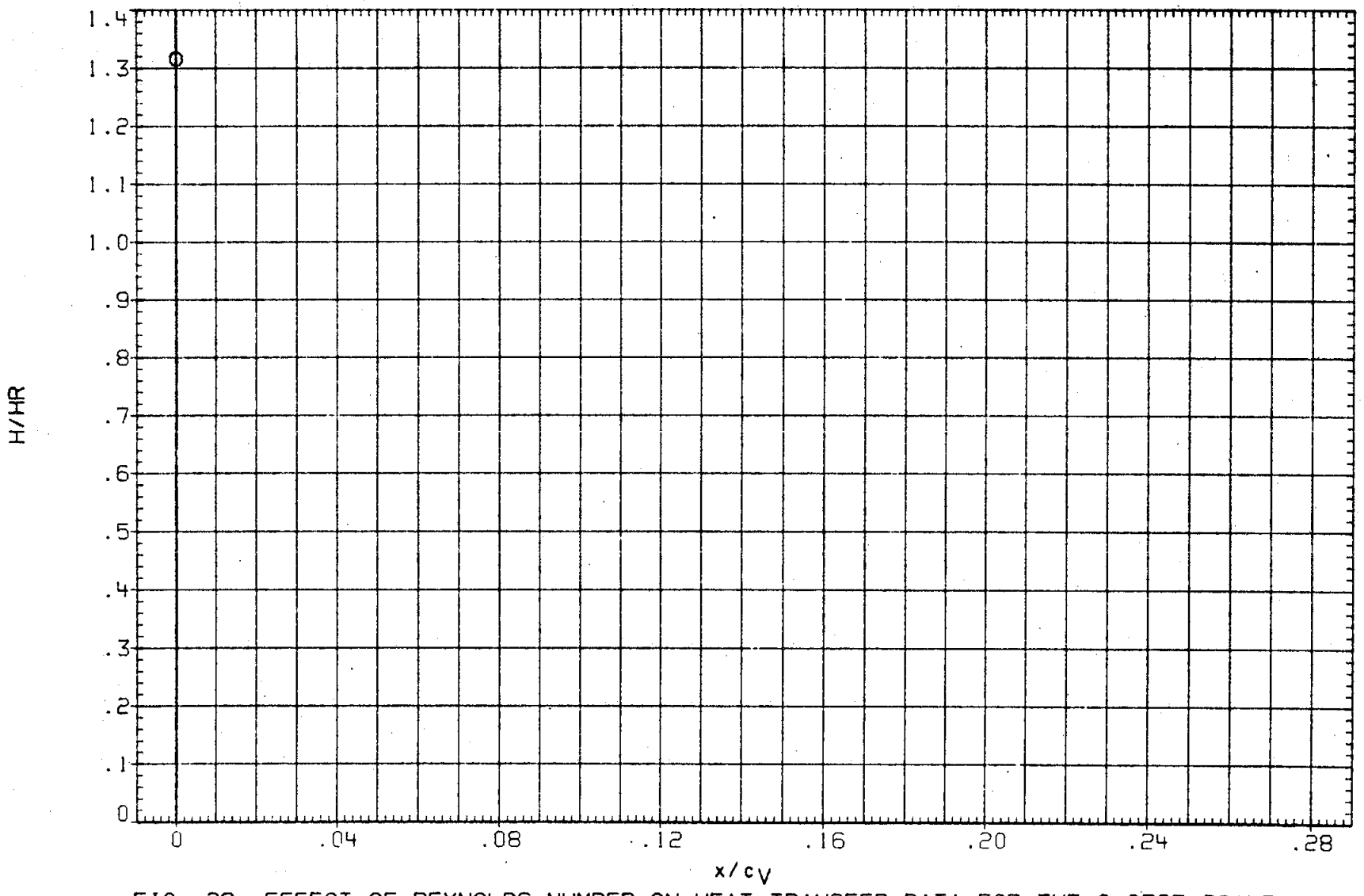


FIG. 28 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 0.0

(R4XV16) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.009	.817	5.038

PARAMETRIC VALUES

MACH 7.980 BETA .001

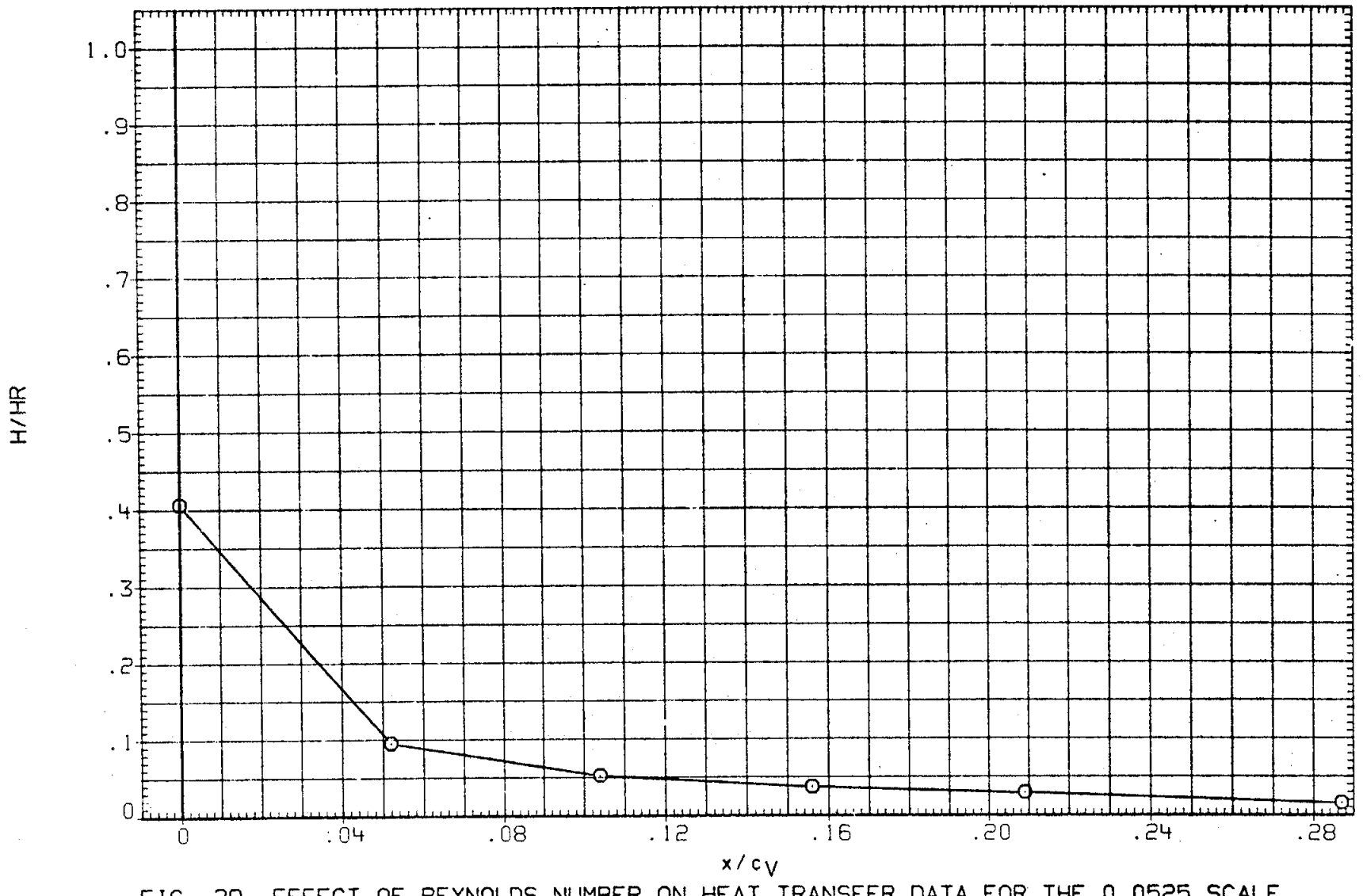


FIG. 29 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV16) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.009	.833	5.038

PARAMETRIC VALUES

MACH 7.980 BETA .001

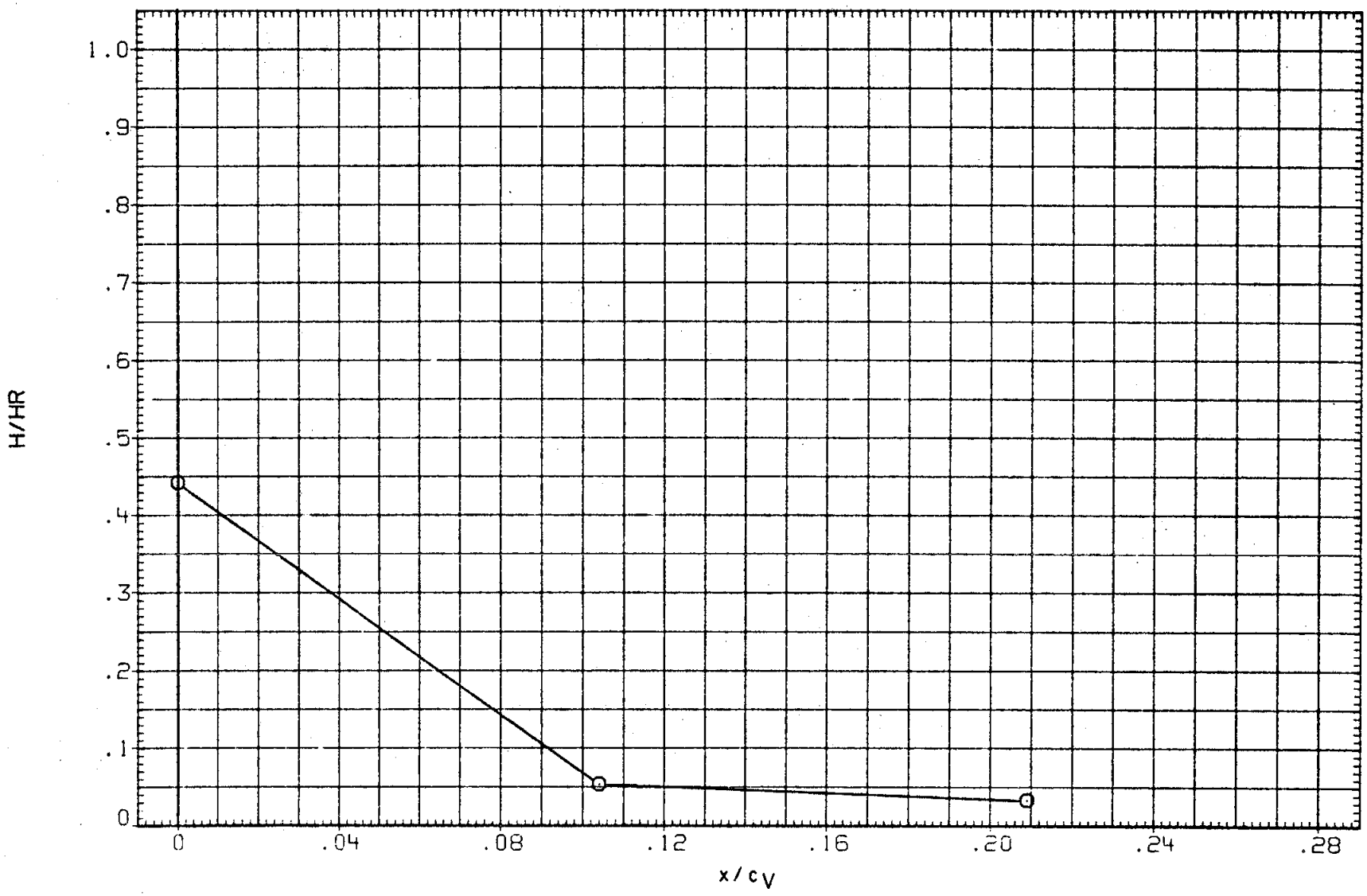


FIG. 29 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV16) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.009	.850	5.038

PARAMETRIC VALUES

MACH 7.980 BETA .001

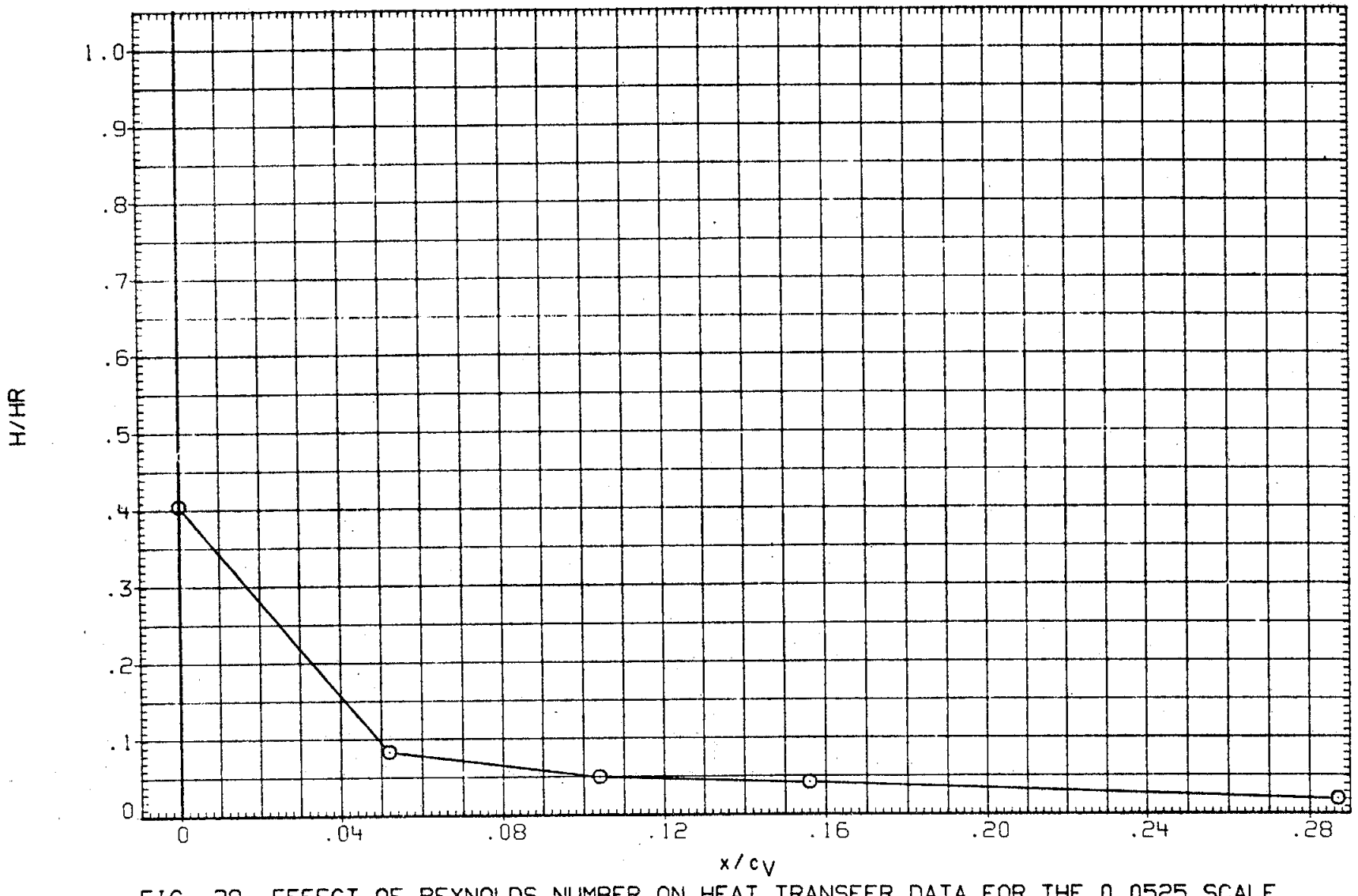


FIG. 29 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV16) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.009	.867	5.038

PARAMETRIC VALUES

MACH 7.980 BETA .001

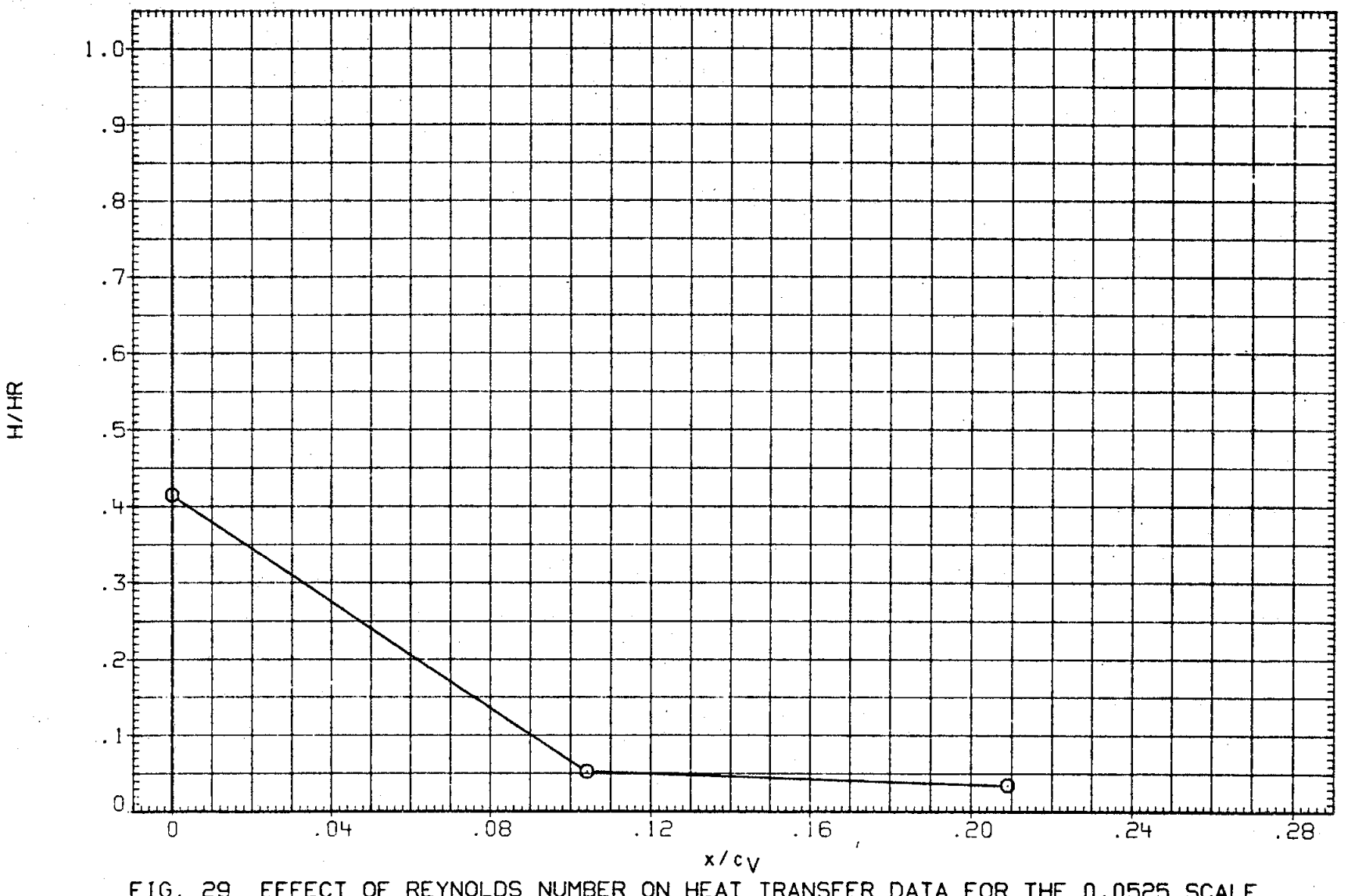


FIG. 29 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV16) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.009	.883	5.038

PARAMETRIC VALUES

MACH 7.980 BETA .001

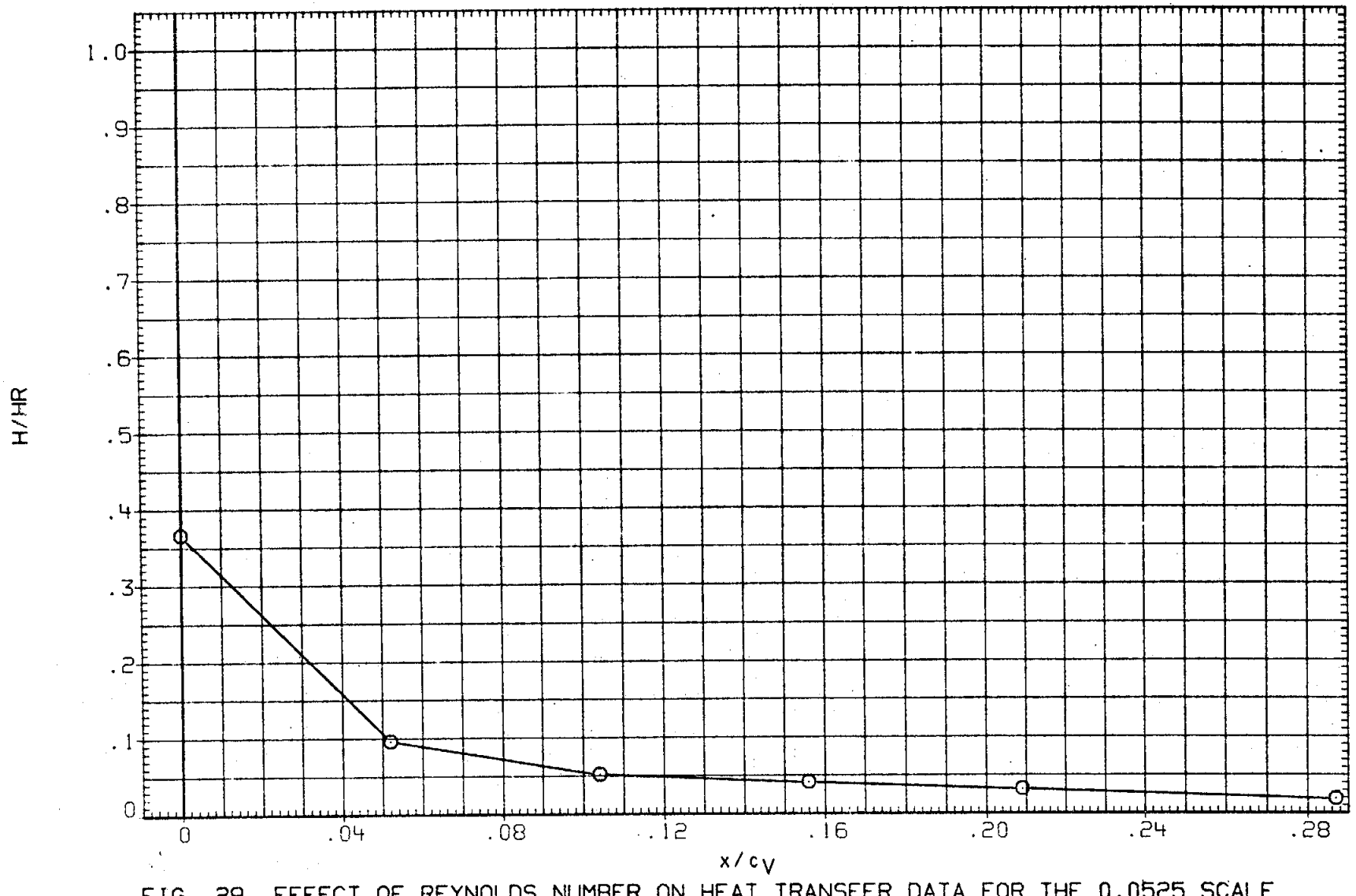


FIG. 29 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV16) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.009	.900	5.038

PARAMETRIC VALUES

MACH 7.980 BETA .001

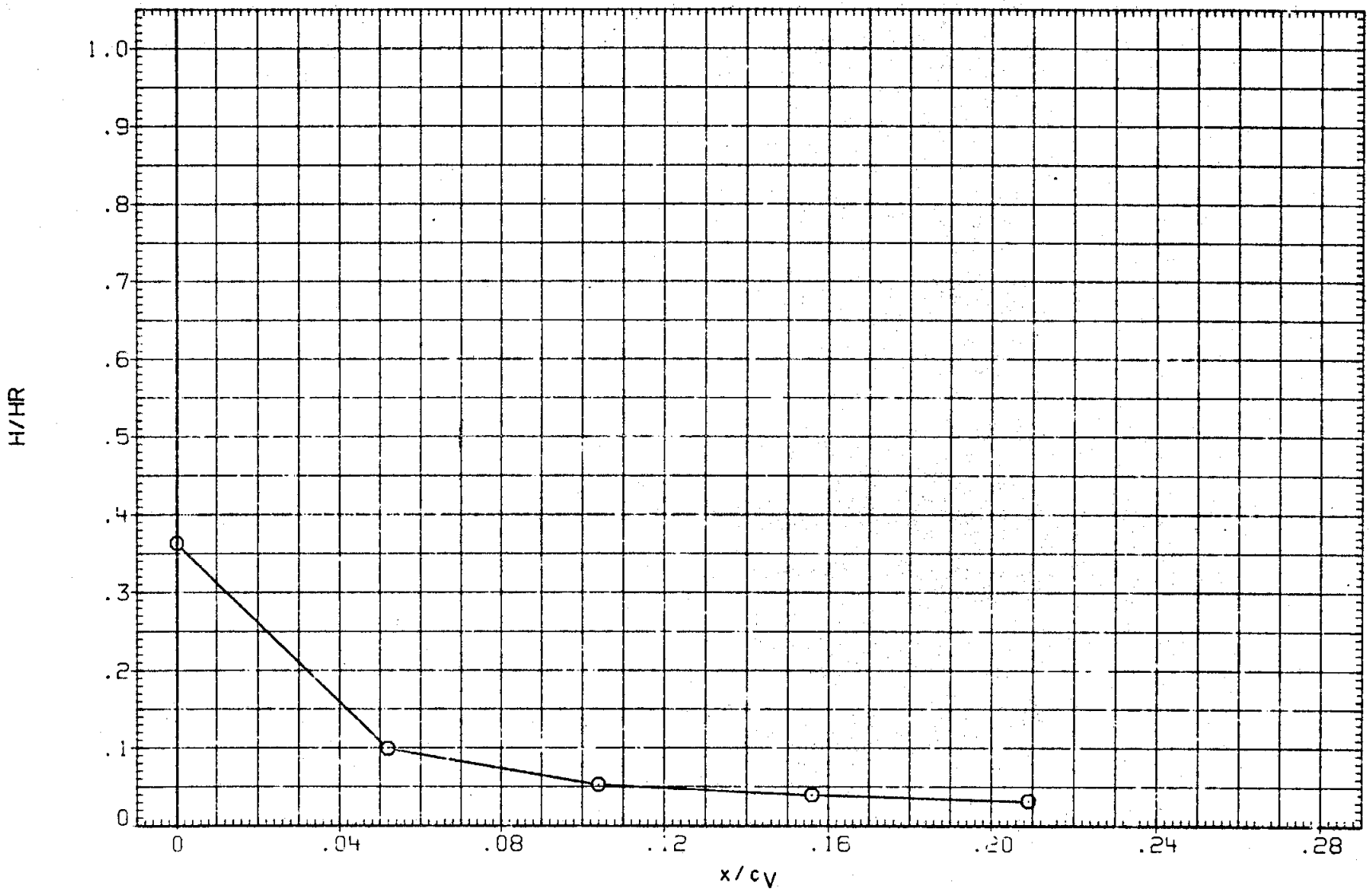


FIG. 29 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV16) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.009	.917	5.038

PARAMETRIC VALUES

MACH 7.980 BETA .001

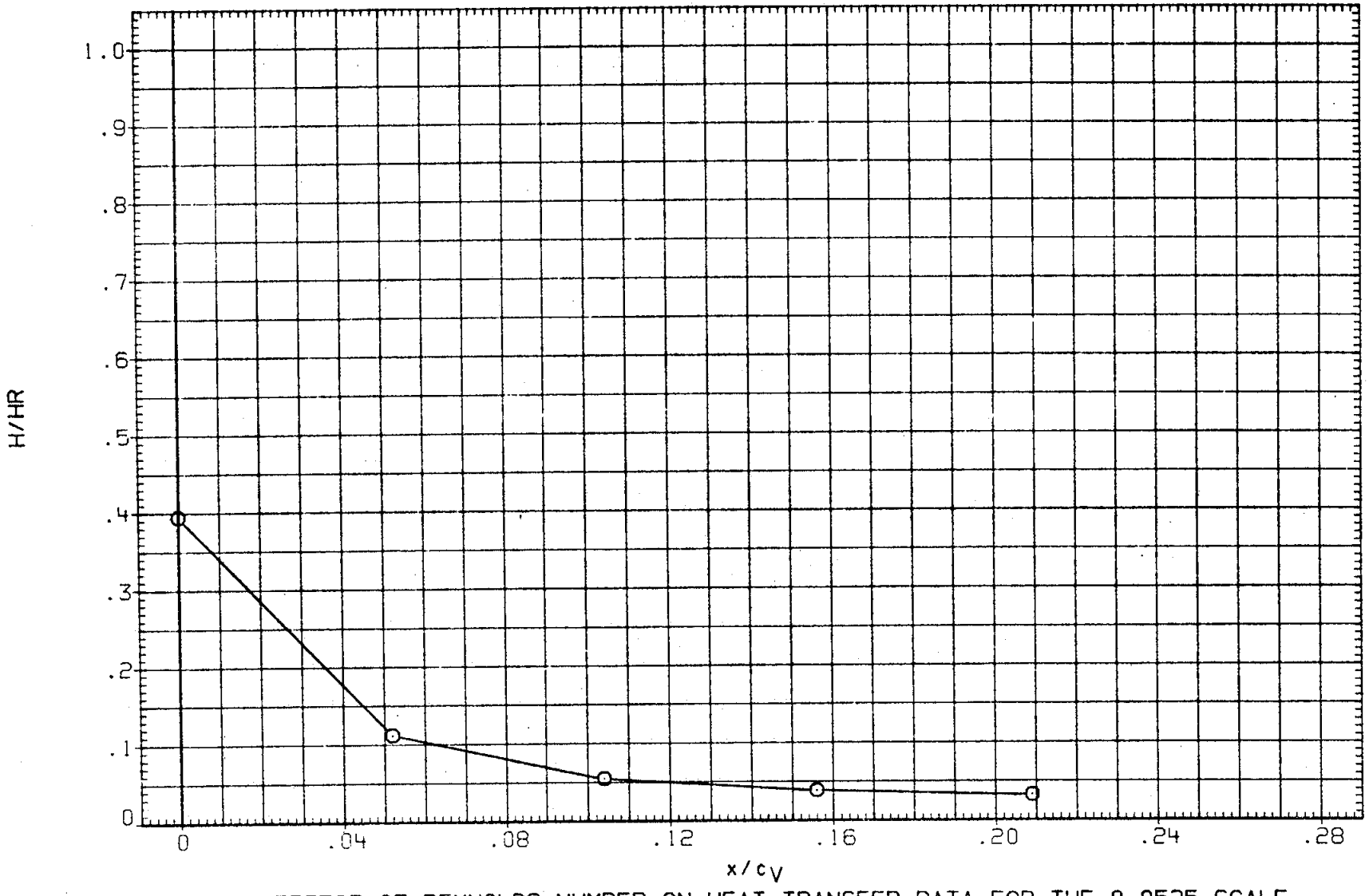


FIG. 29 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV16) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.009	.933	5.038

PARAMETRIC VALUES

MACH 7.980 BETA .001

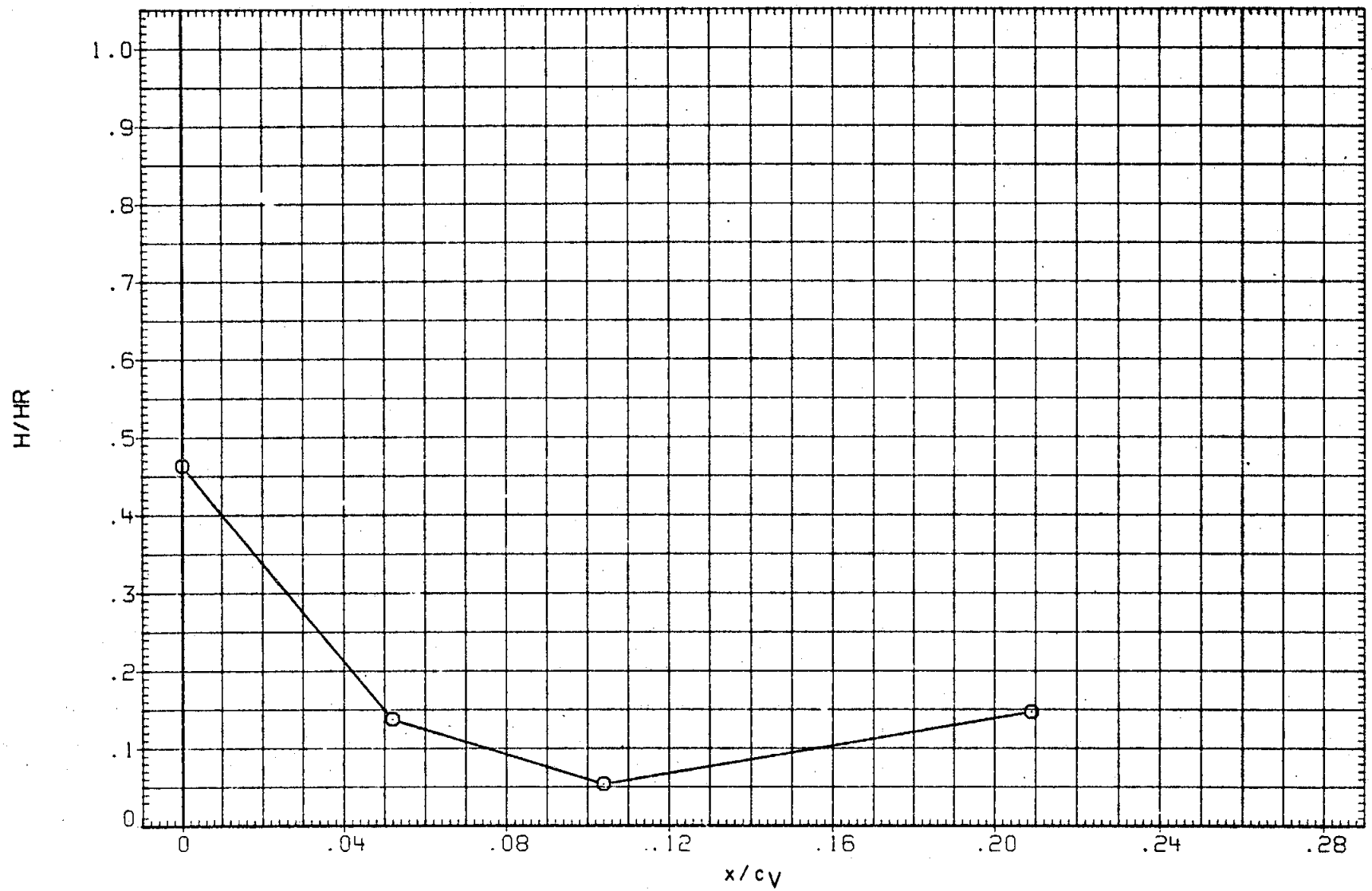


FIG. 29 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV16) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.009	.950	5.038

PARAMETRIC VALUES

MACH 7.980 BETA .001

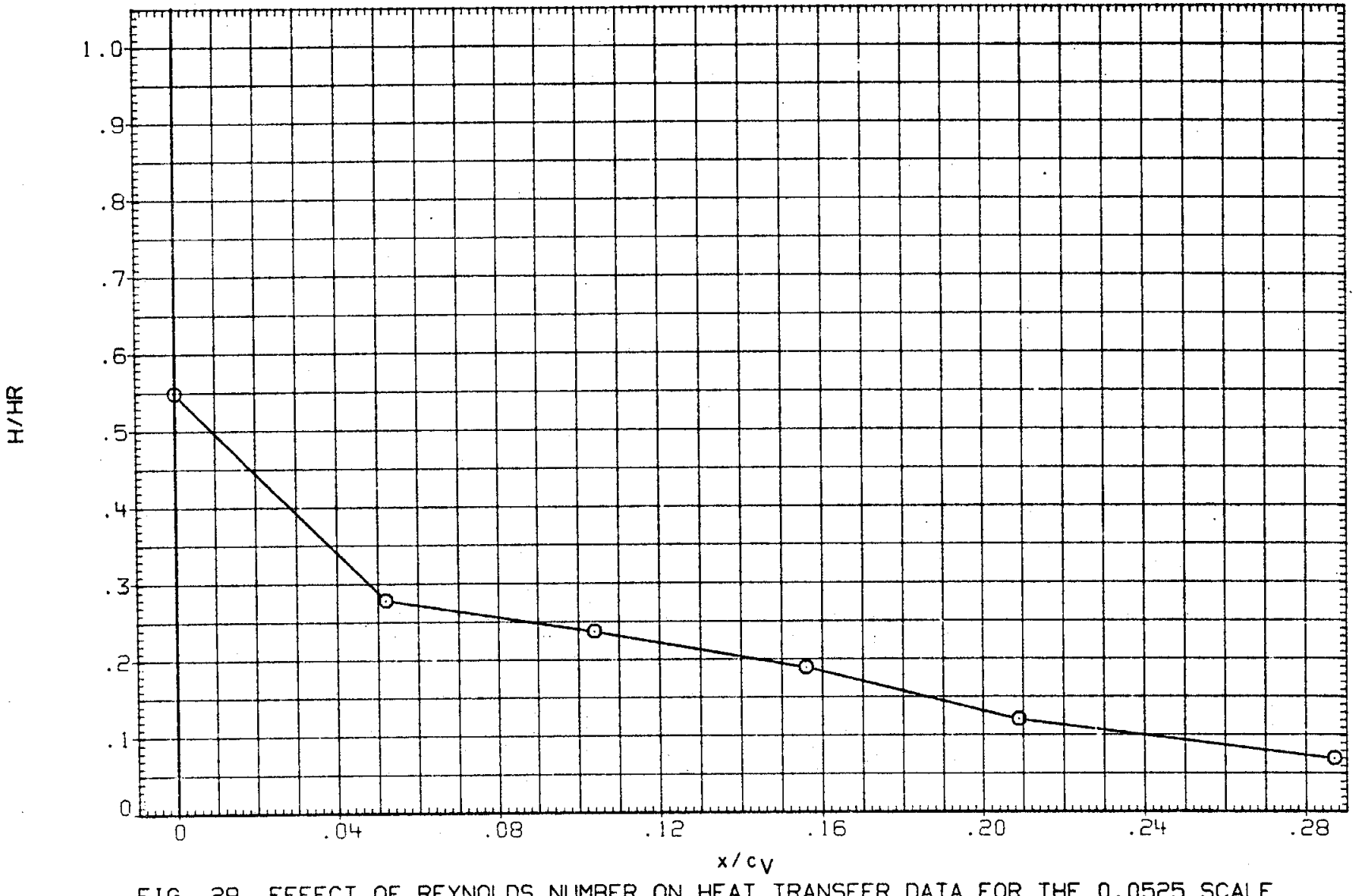


FIG. 29 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV16) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.009	.956	5.038

PARAMETRIC VALUES

MACH 7.980 BETA .001

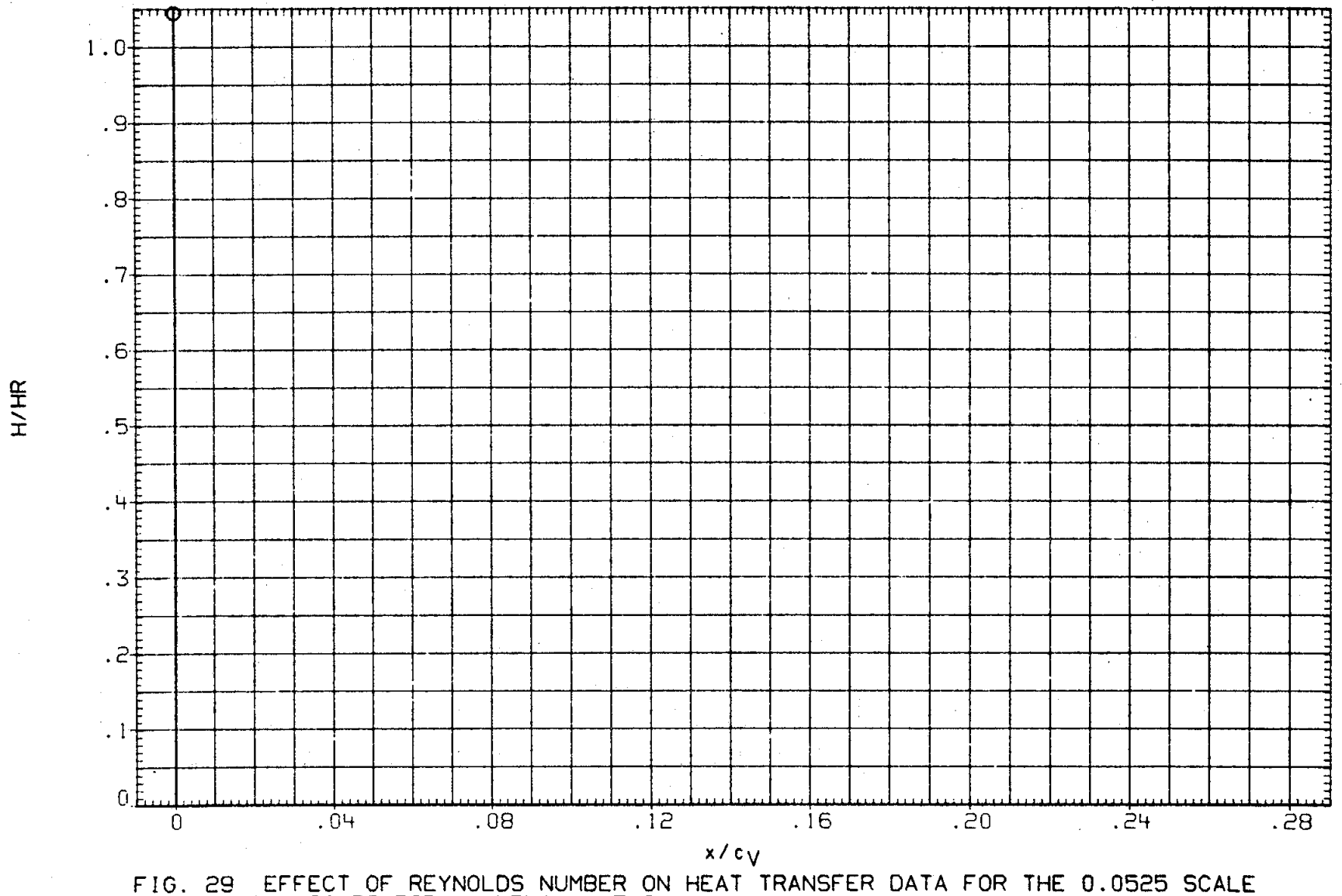


FIG. 29 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV17) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.505	.817	5.014
□	1.023		
◇	2.030		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

FIG. 30 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV17) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.505	.833	5.014
□	1.023		
◇	2.030		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

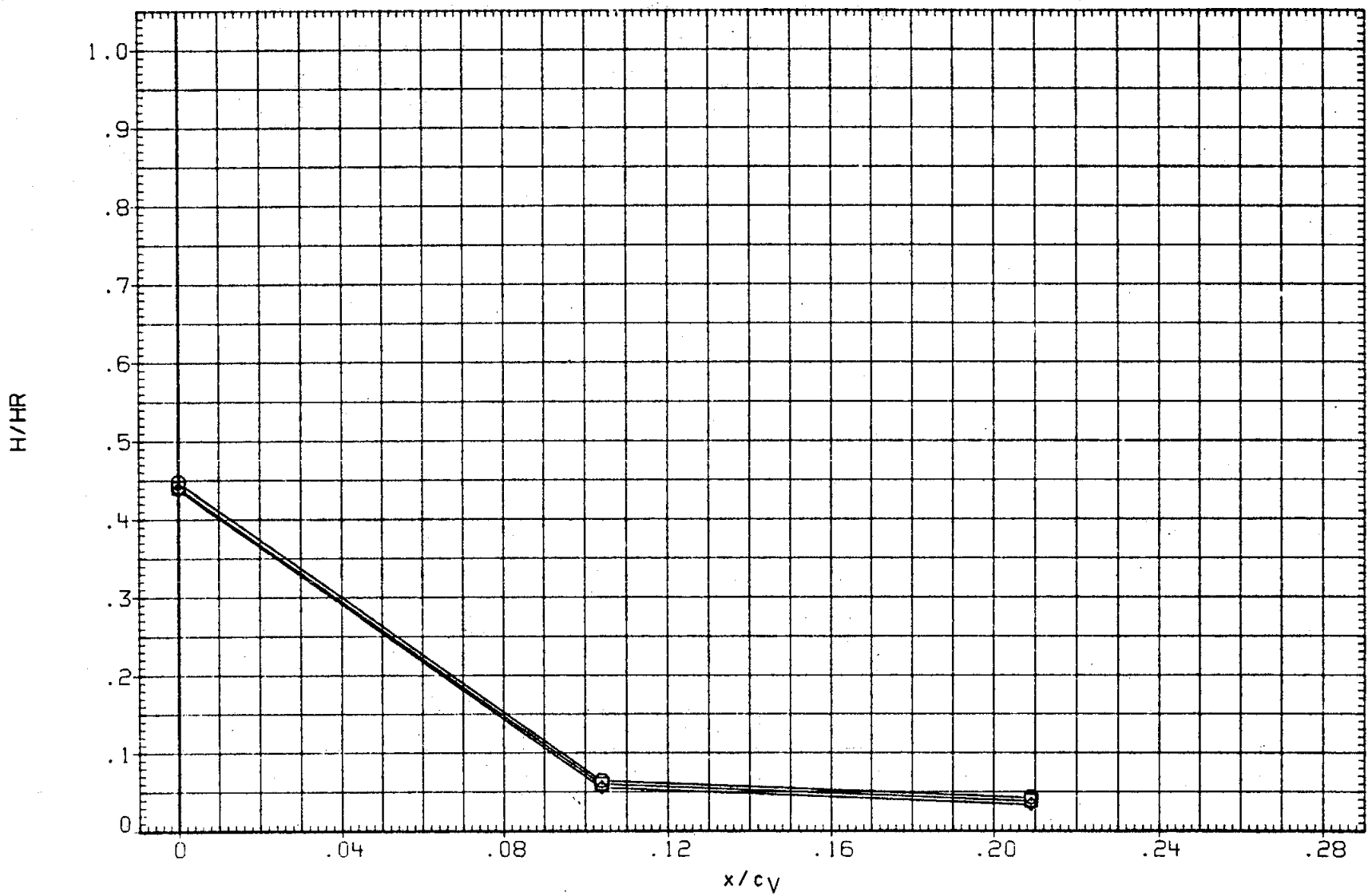


FIG. 30 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV17) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.505	.850	5.014
□	1.023		
◇	2.030		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

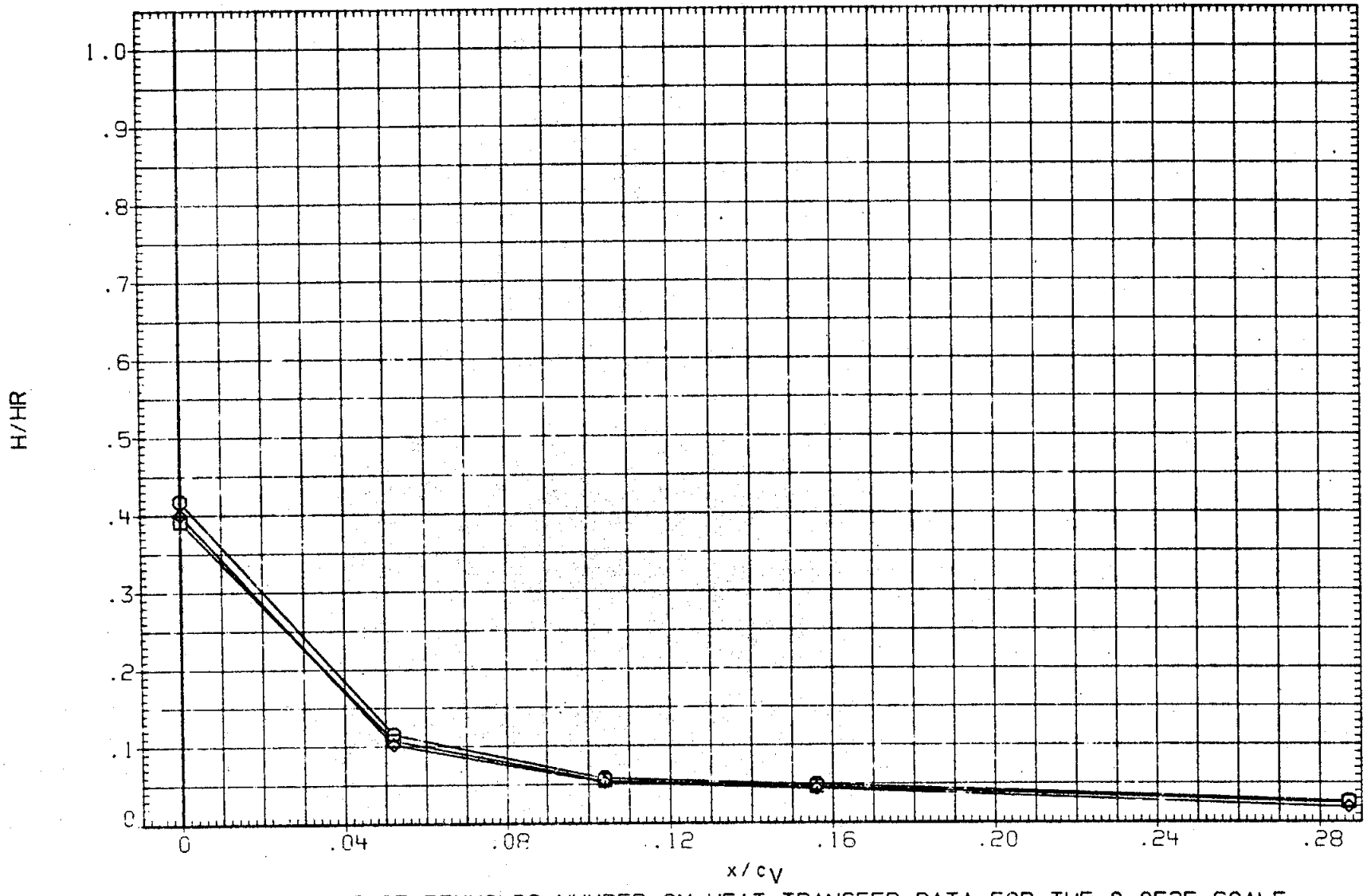


FIG. 30 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV17) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.505	.867	5.014
□	1.023		
◇	2.030		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

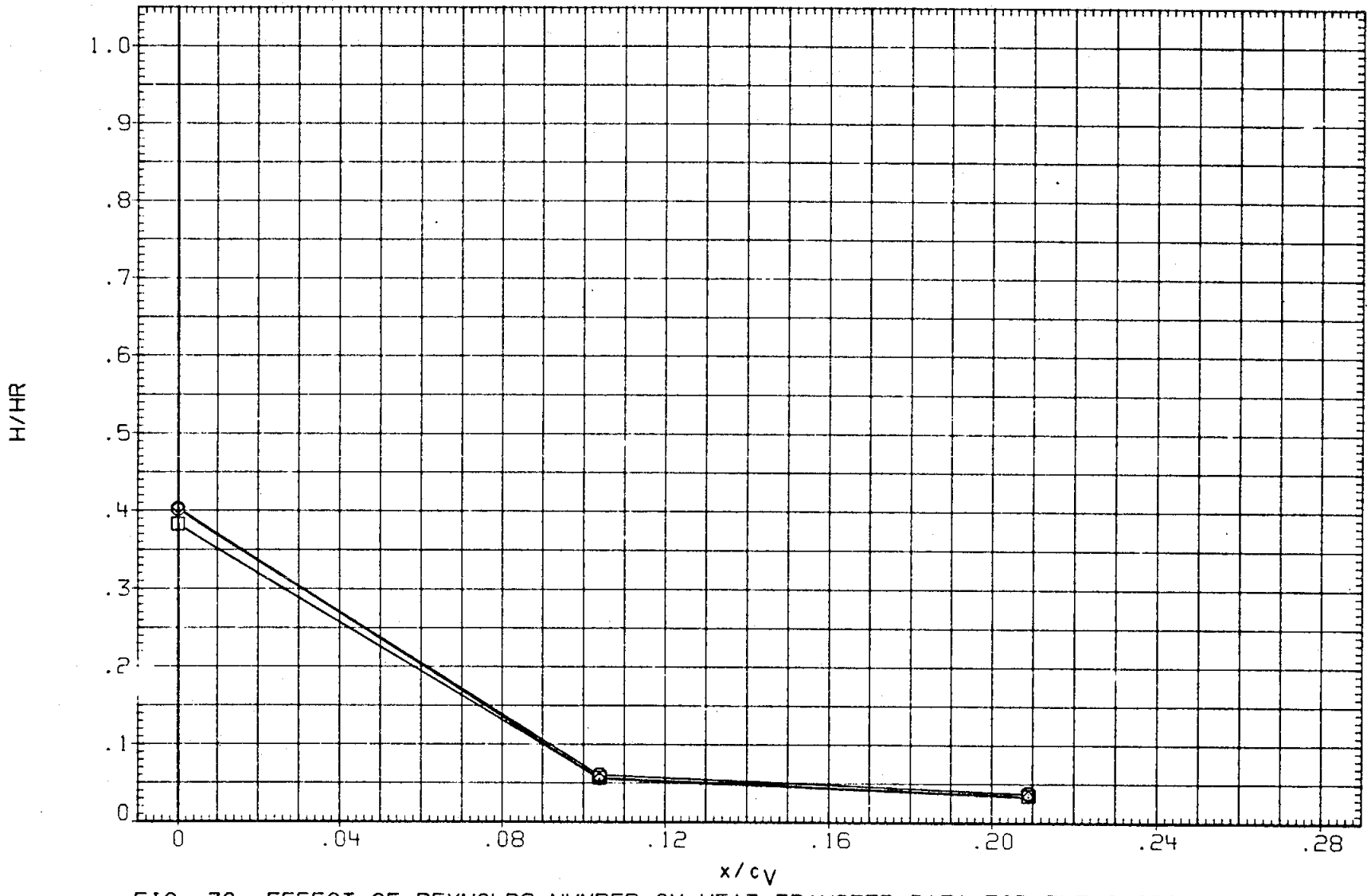


FIG. 30 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV17) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.505	.883	5.014
□	1.023		
◇	2.030		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

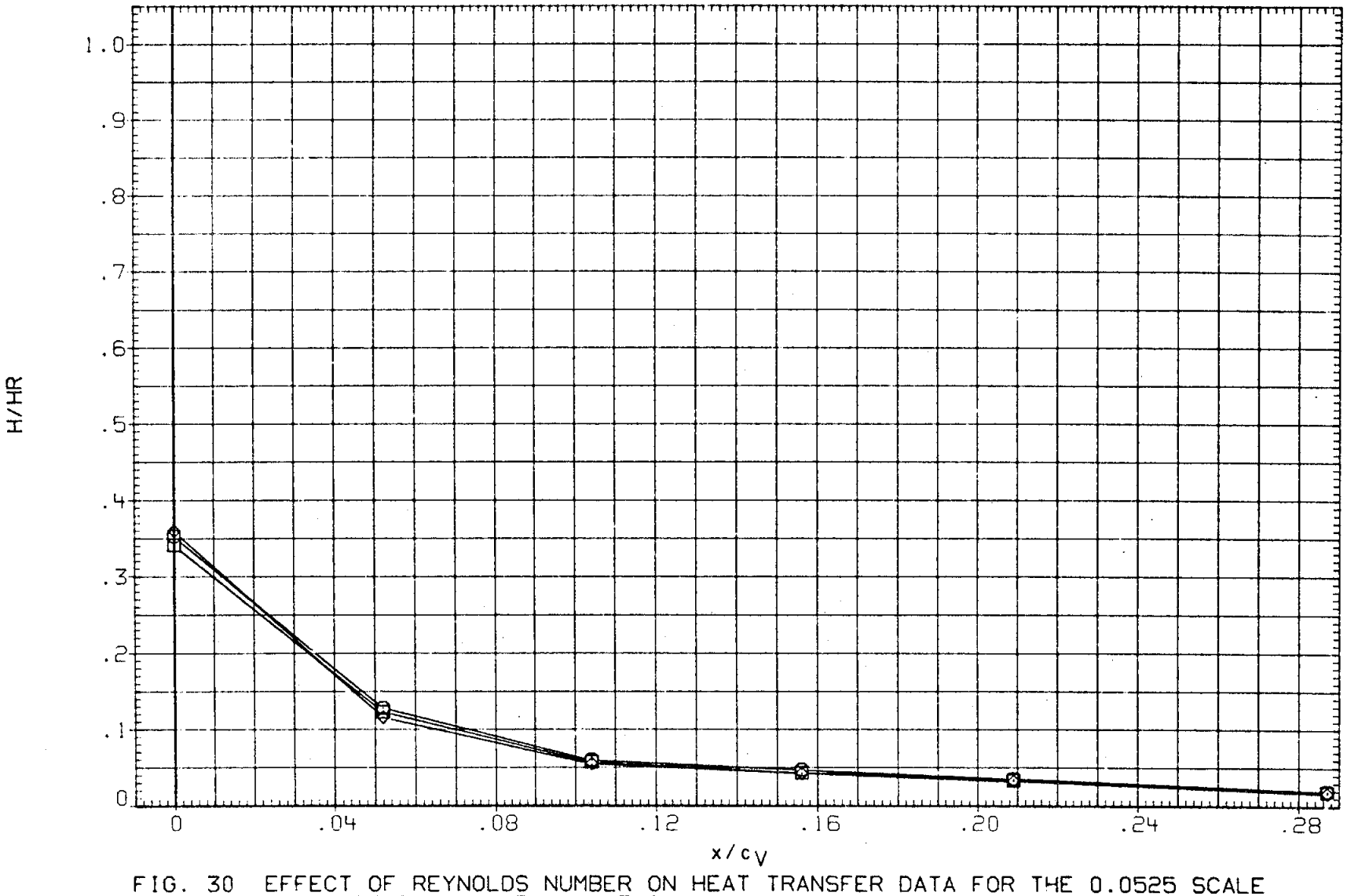


FIG. 30 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV17) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.505	.900	5.014
□	1.023		
◇	2.030		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

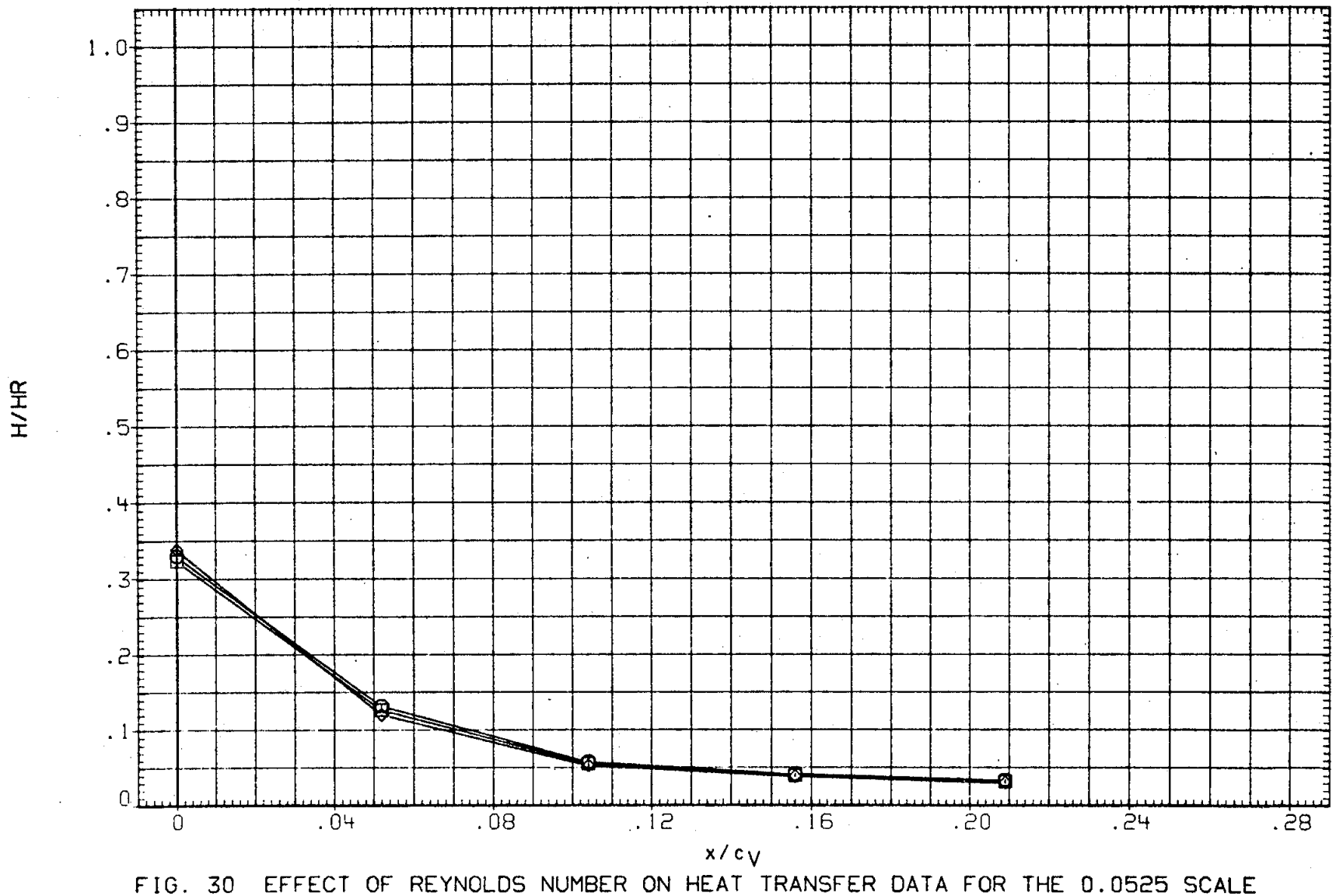


FIG. 30 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV17) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.505	.917	5.014
□	1.023		
◇	2.030		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

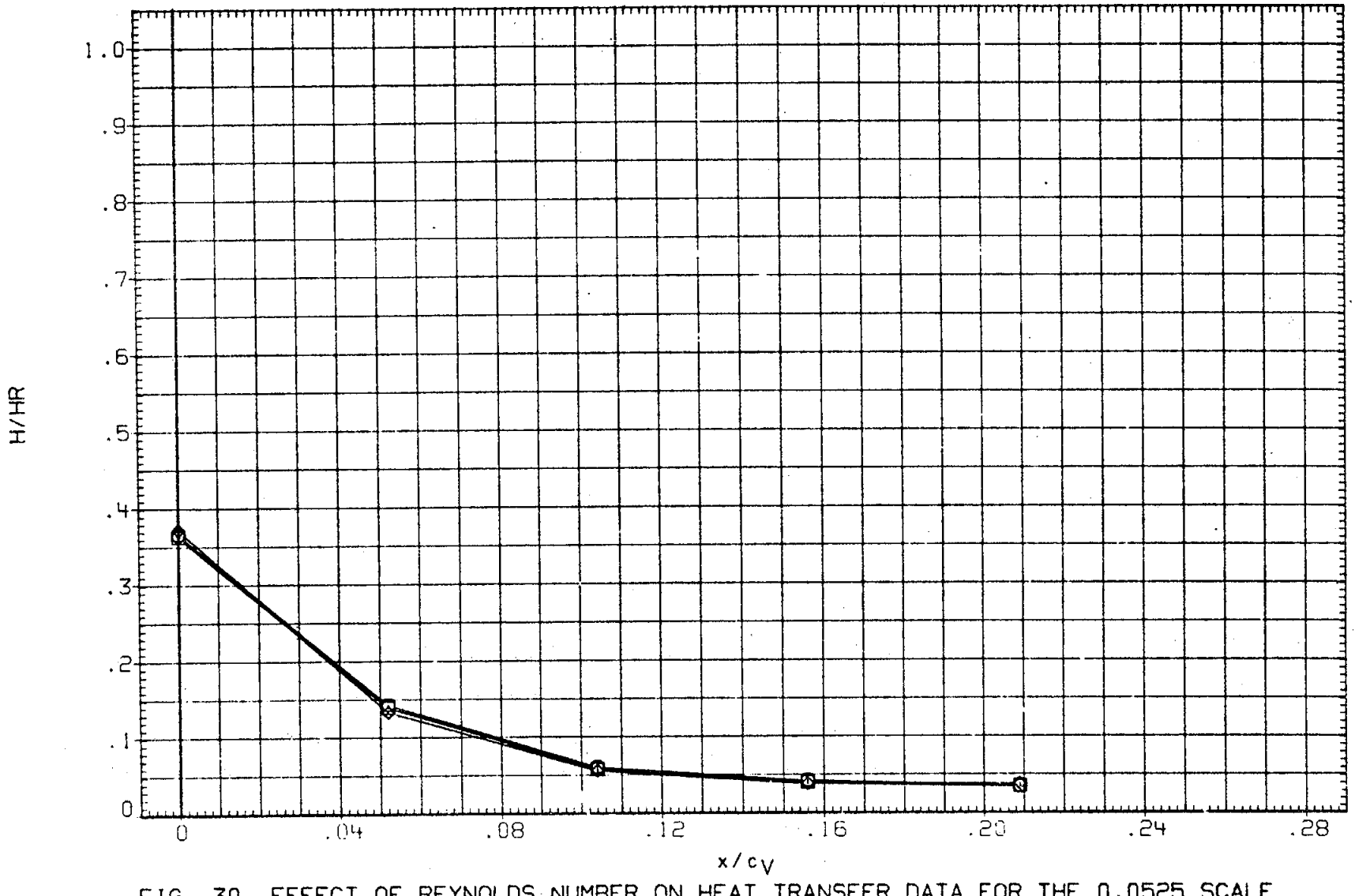


FIG. 30 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV17) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.505	.933	5.014
□	1.023		
◇	2.030		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

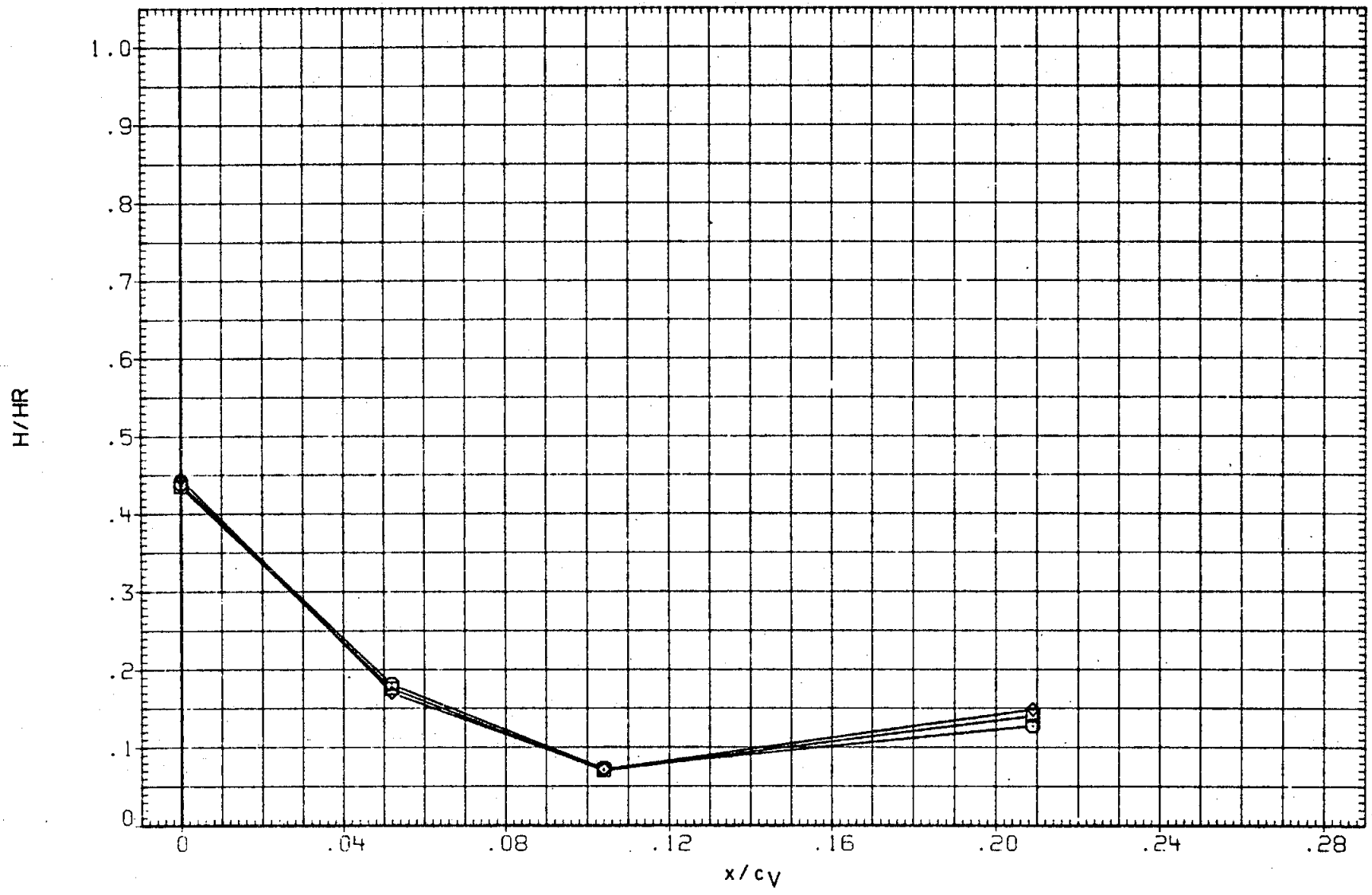


FIG. 30 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV17) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.505	.950	5.014
□	1.023		
◇	2.030		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

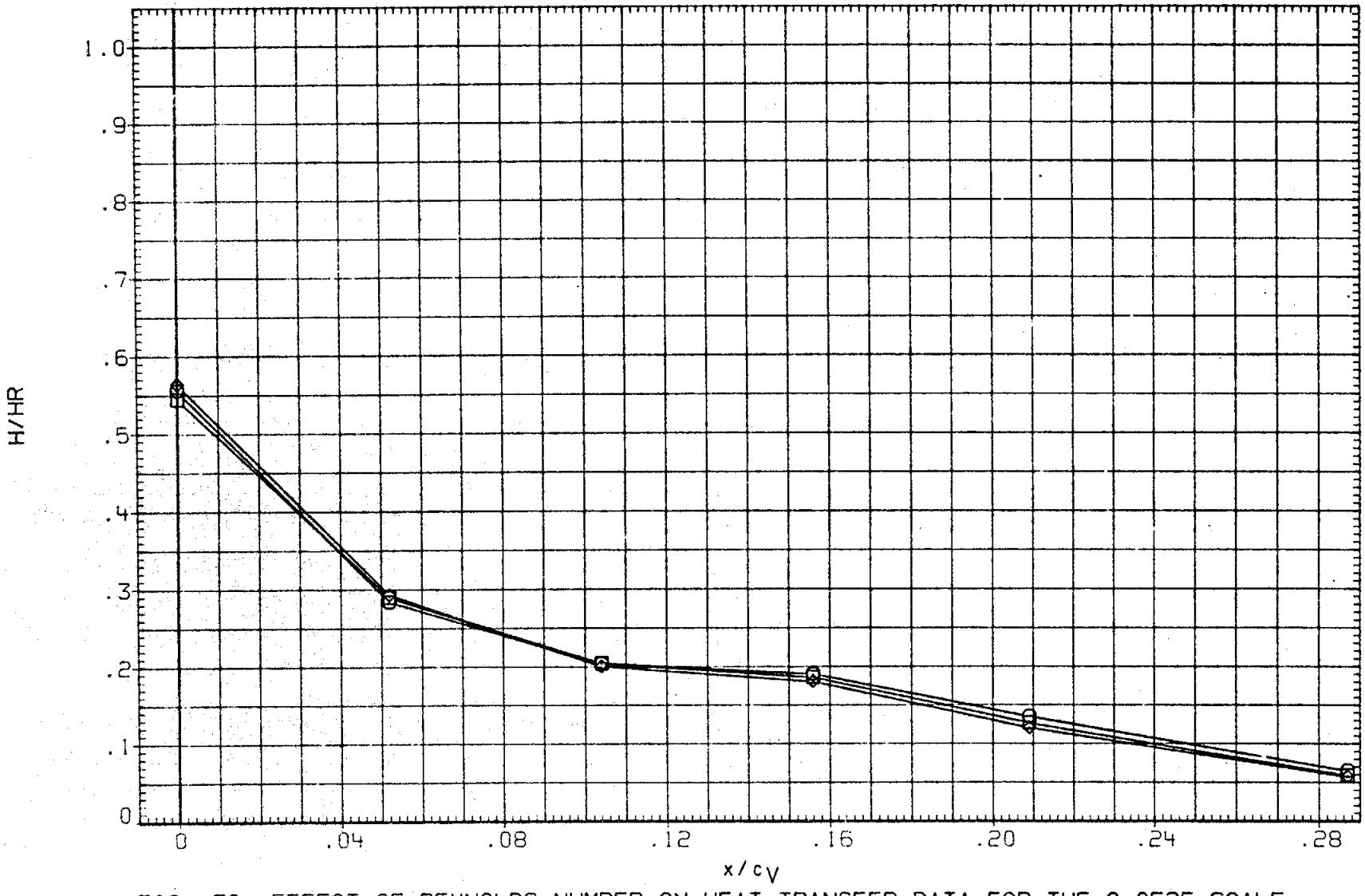


FIG. 30 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV17) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.505	.956	5.014
□	1.023		
◇	2.030		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

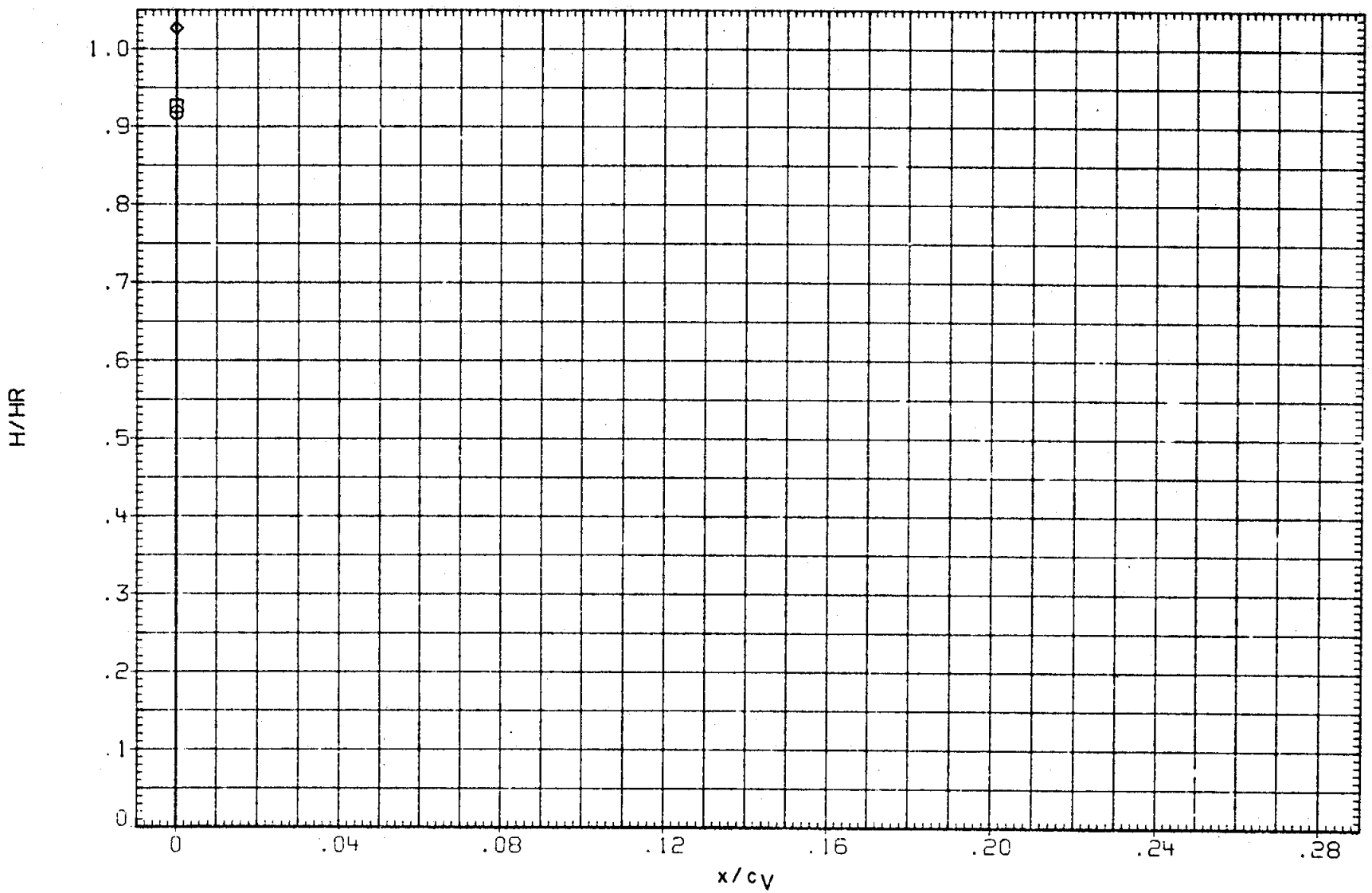


FIG. 30 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.507	.817	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

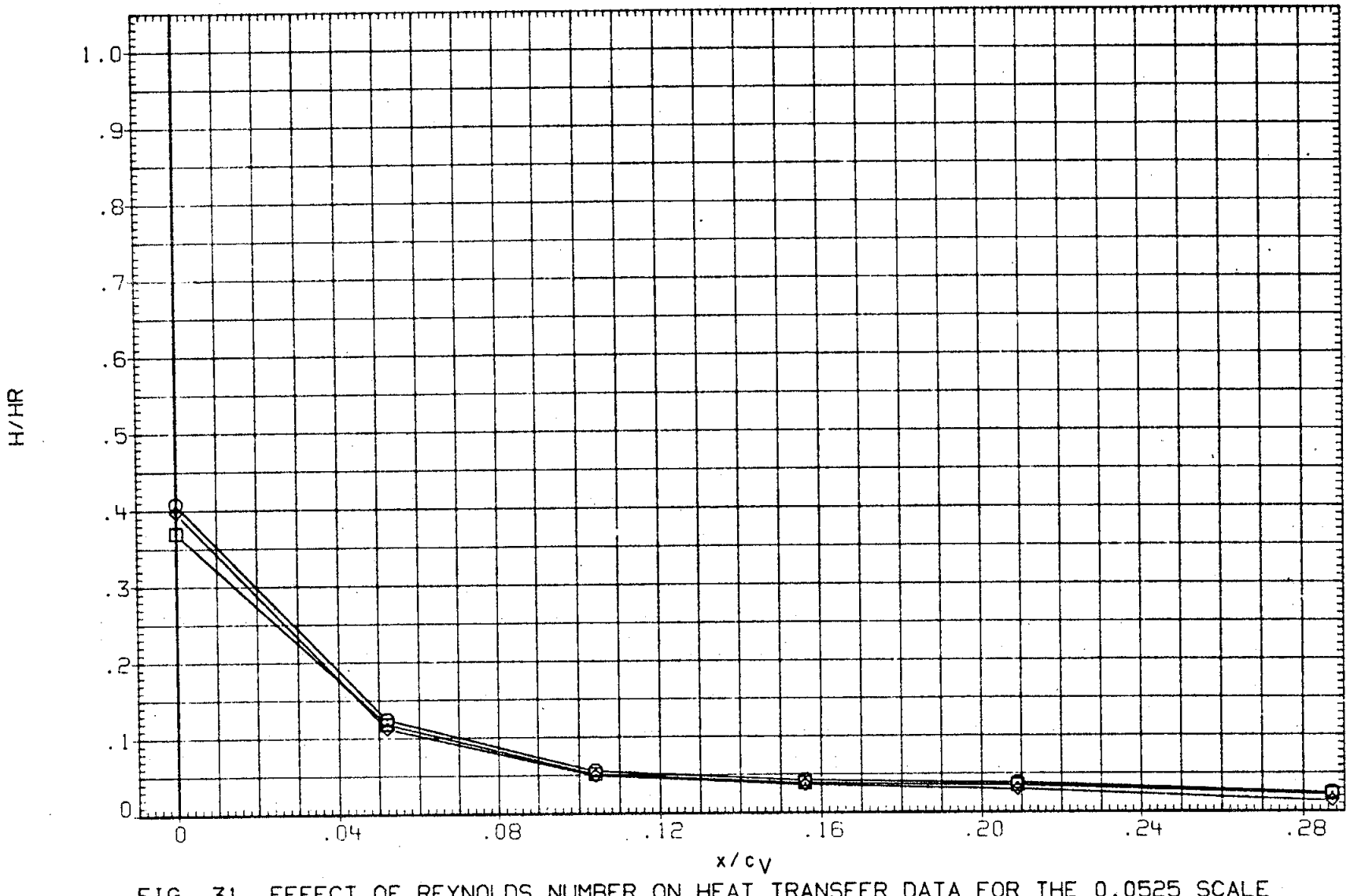


FIG. 31 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.507	.833	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

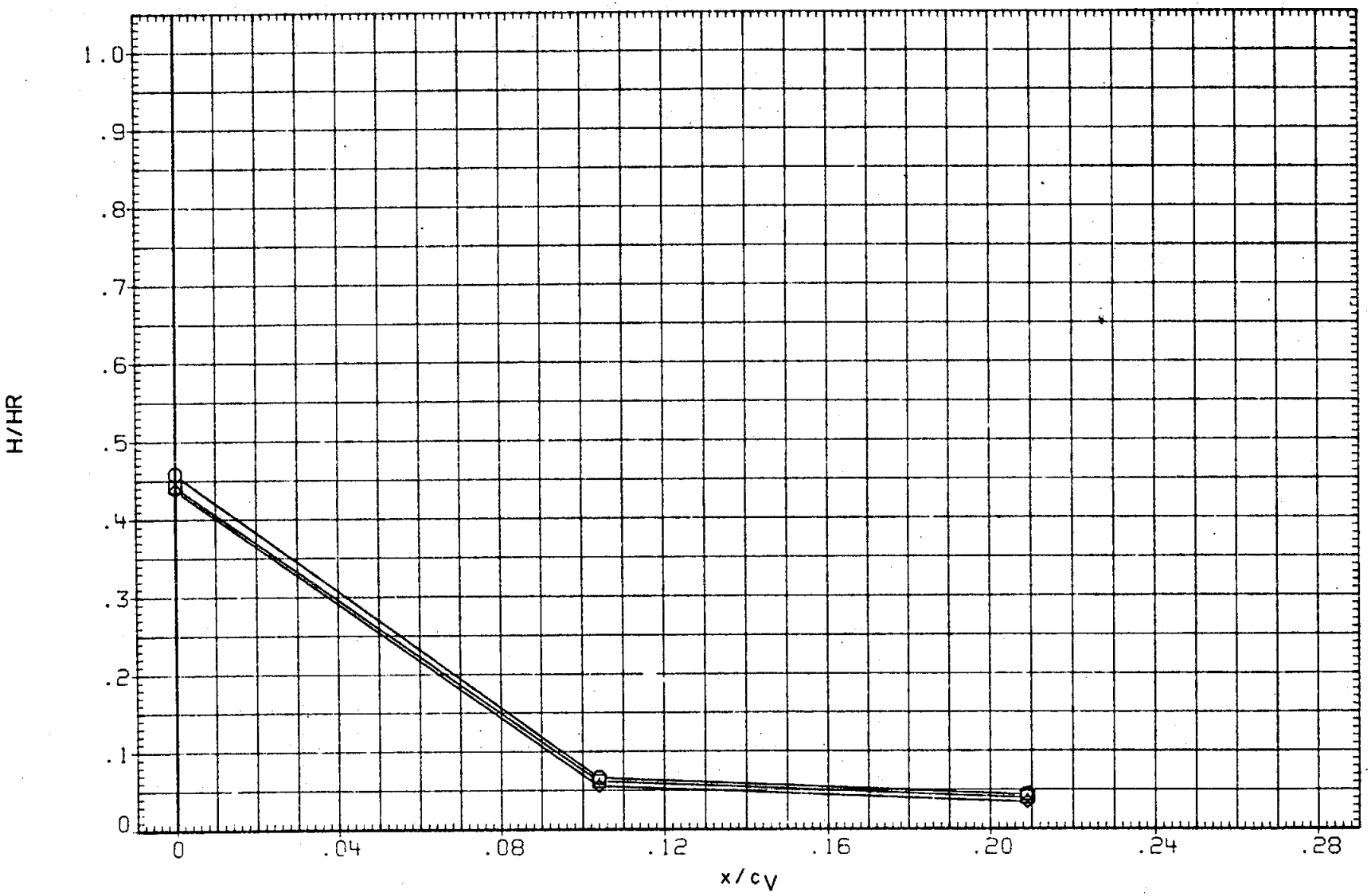


FIG. 31 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.507	.850	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

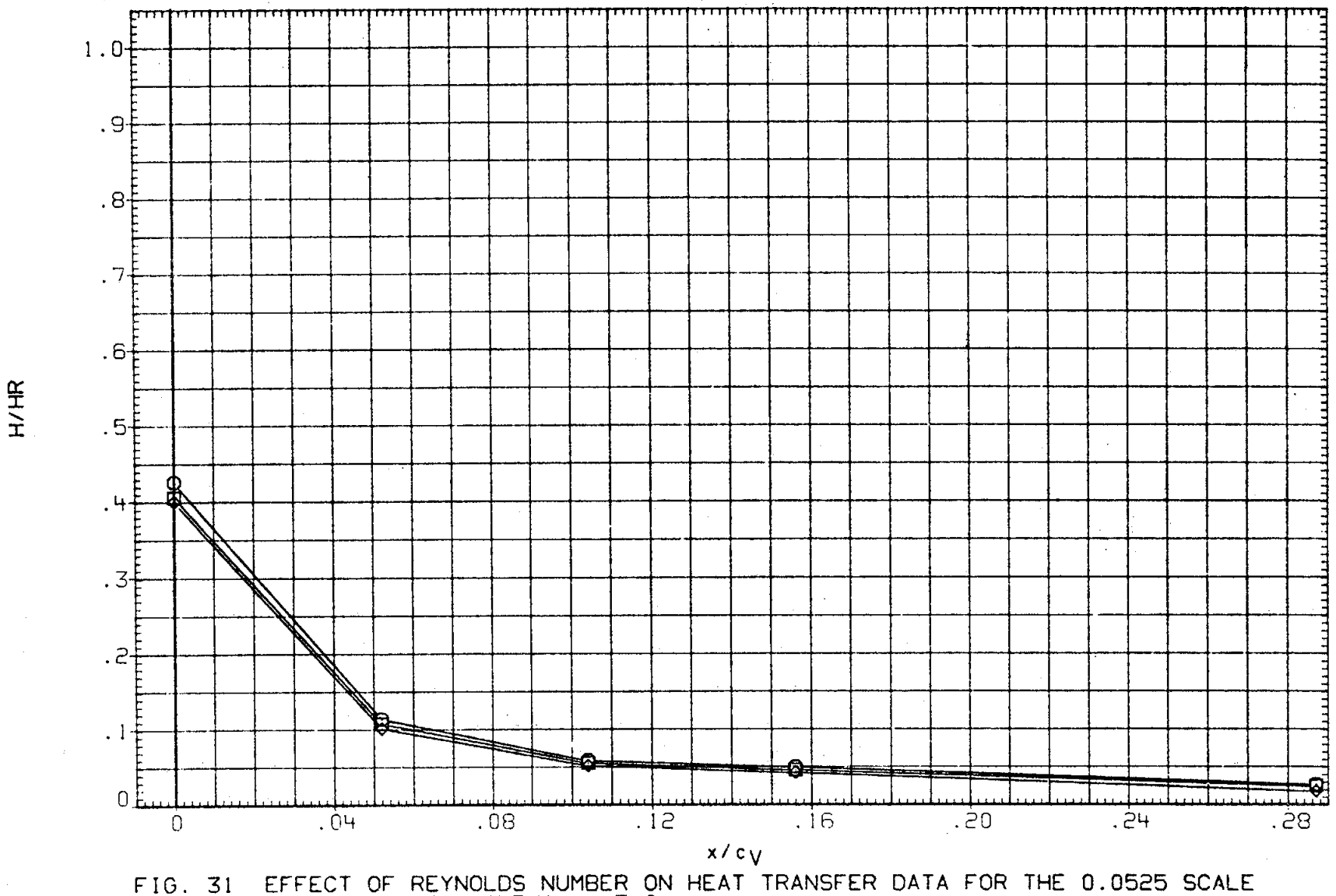


FIG. 31 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.507	.867	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

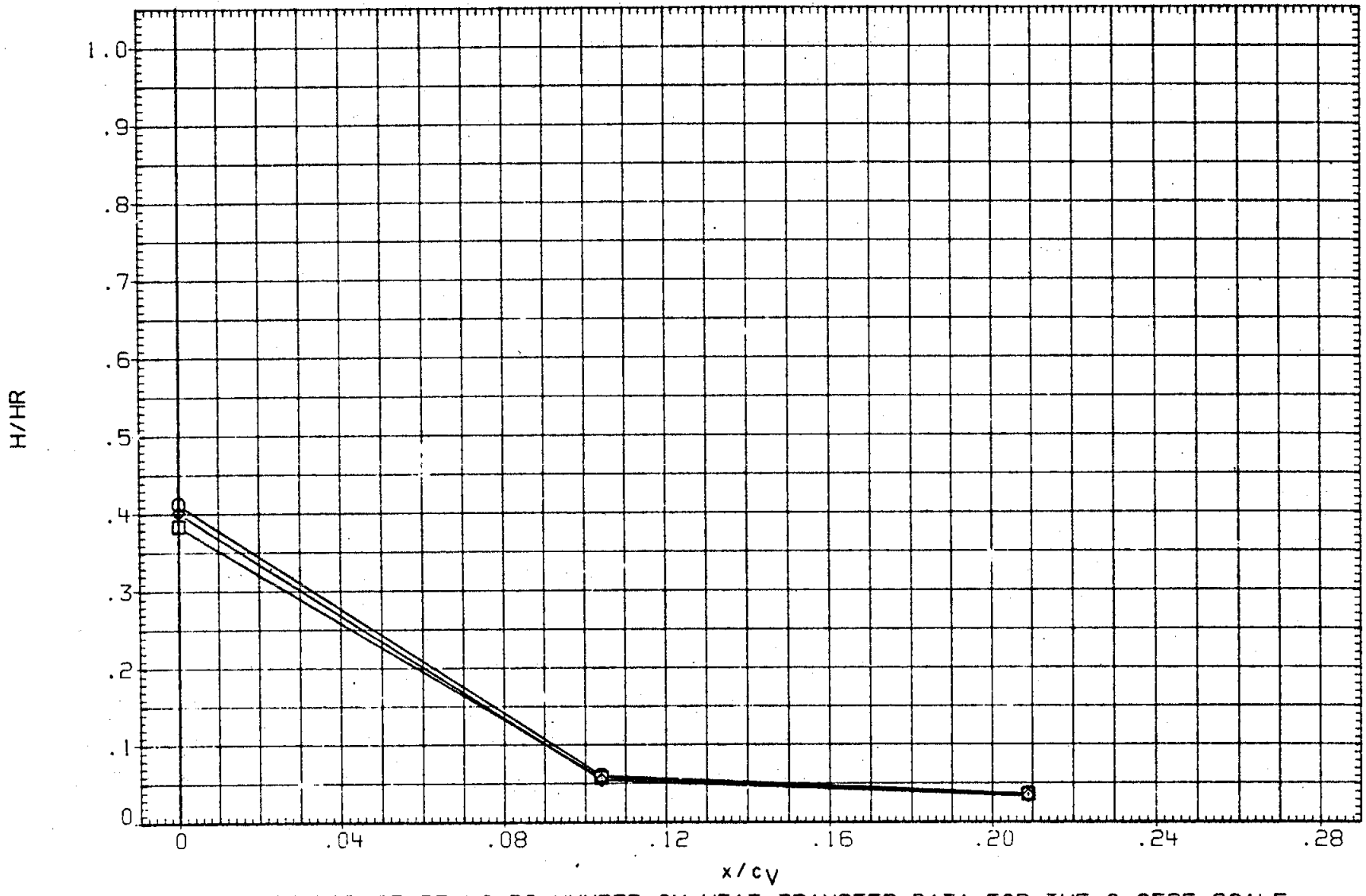


FIG. 31 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.507	.883	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

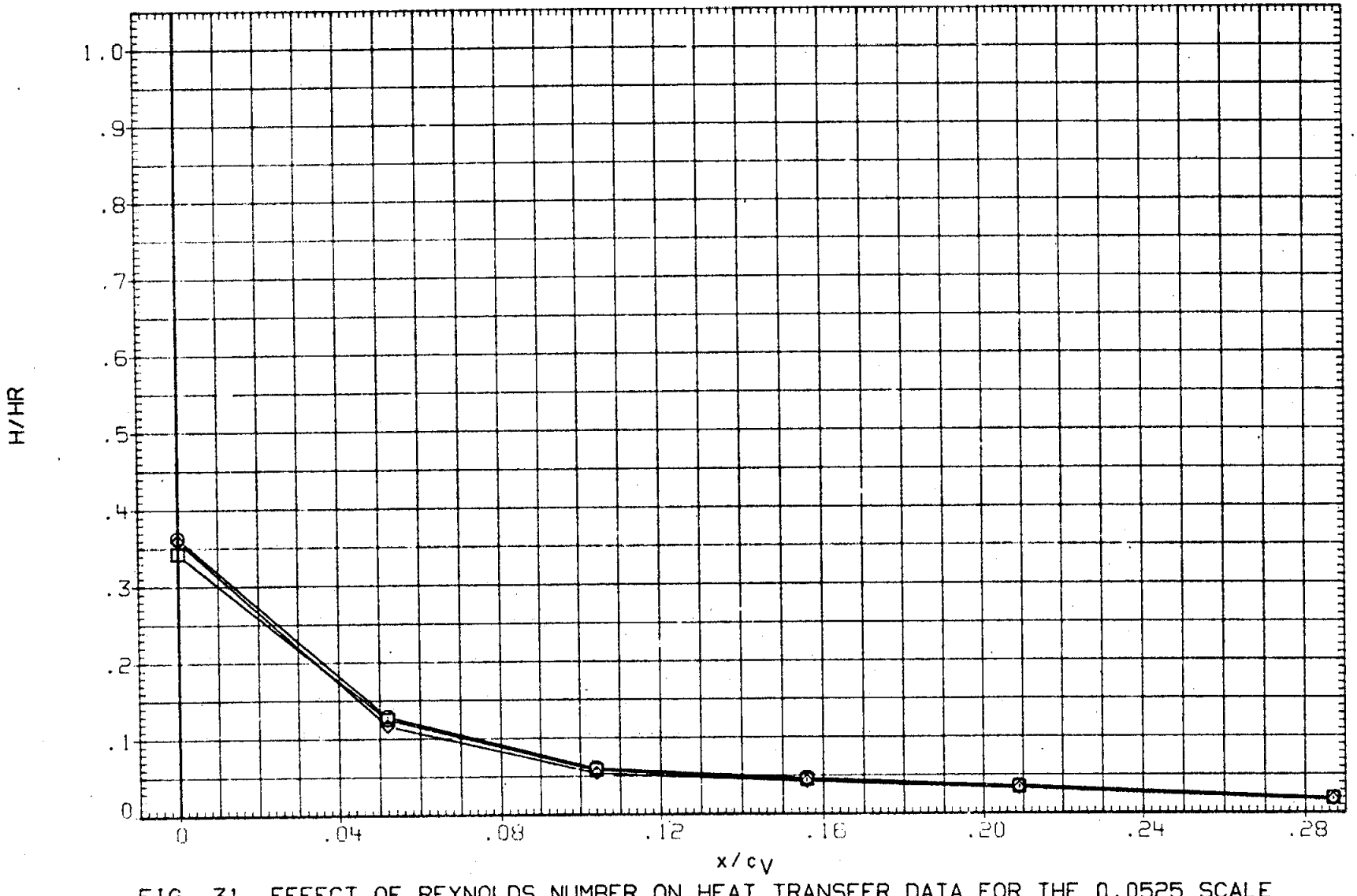


FIG. 31 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.507	.900	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

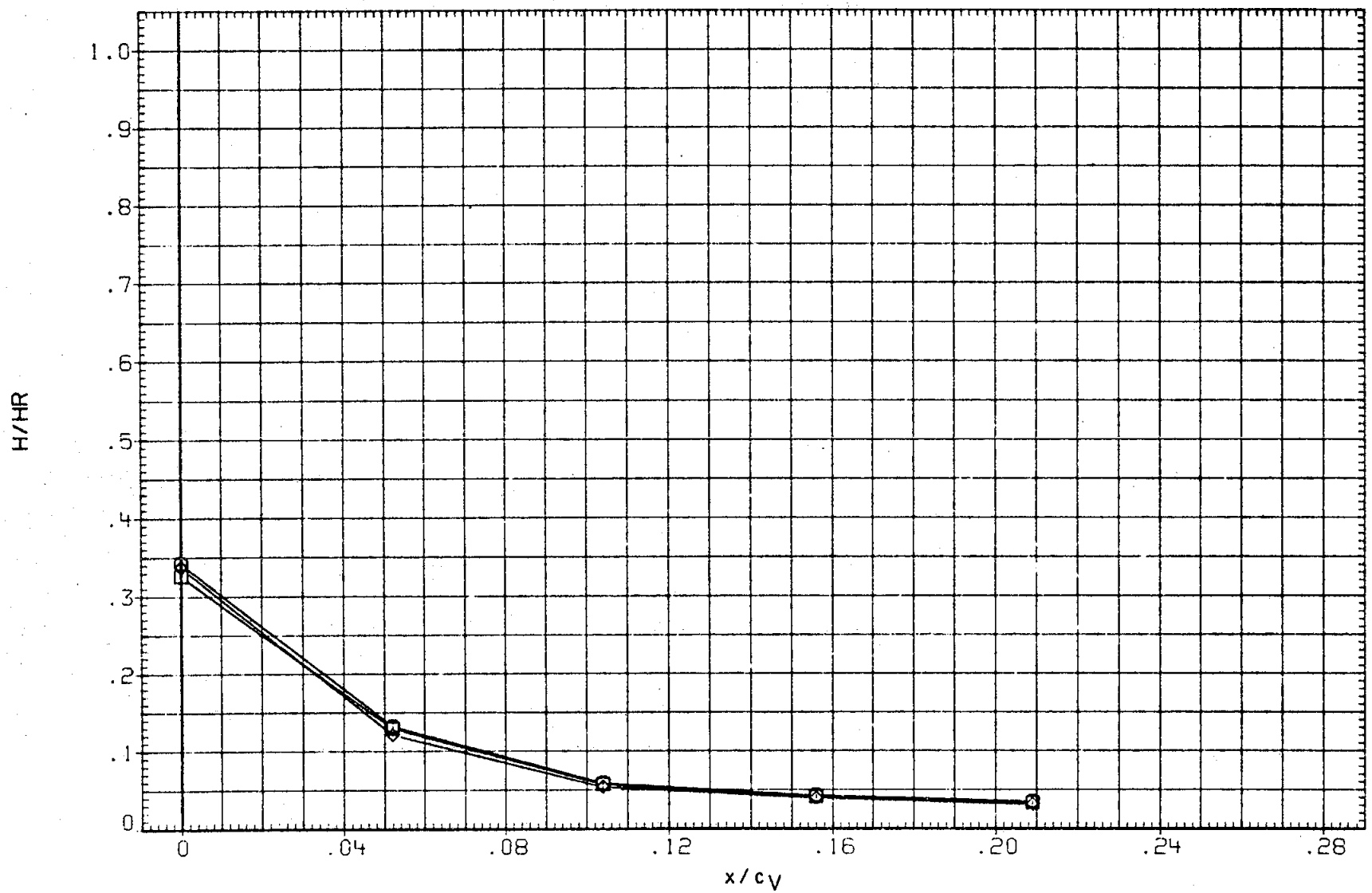


FIG. 31 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.507	.917	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

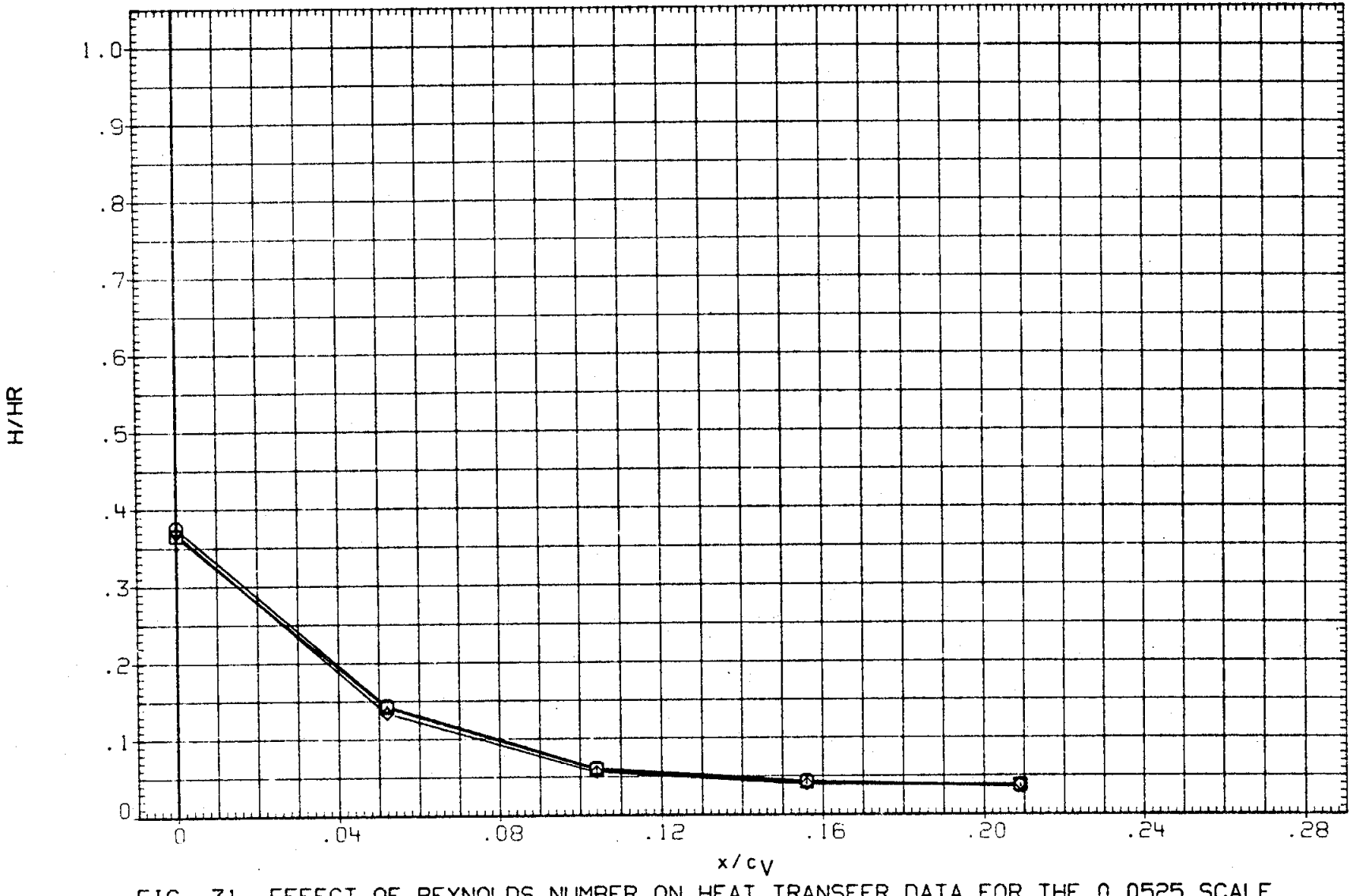


FIG. 31 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.507	.933	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

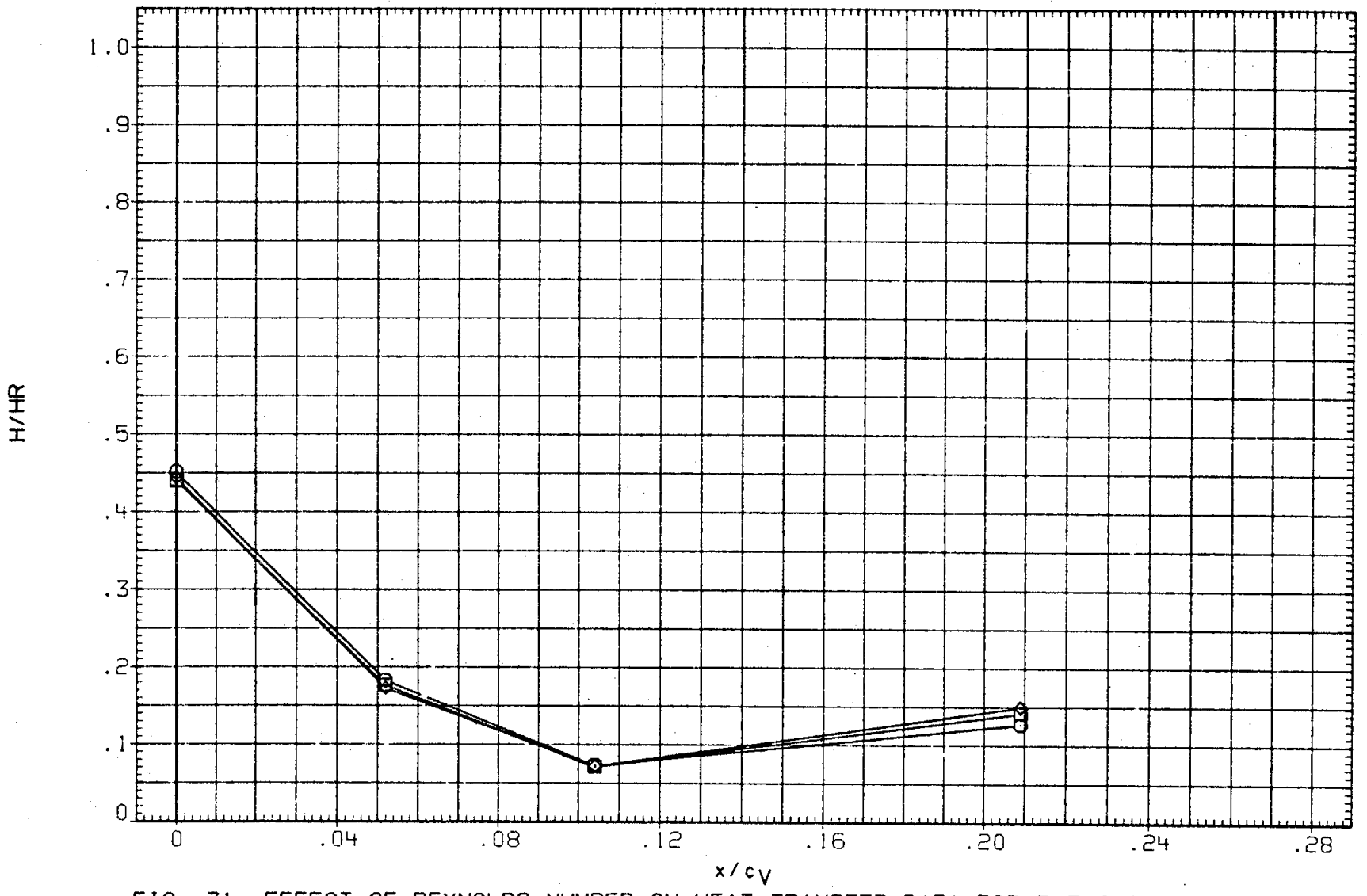


FIG. 31 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.507	.950	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

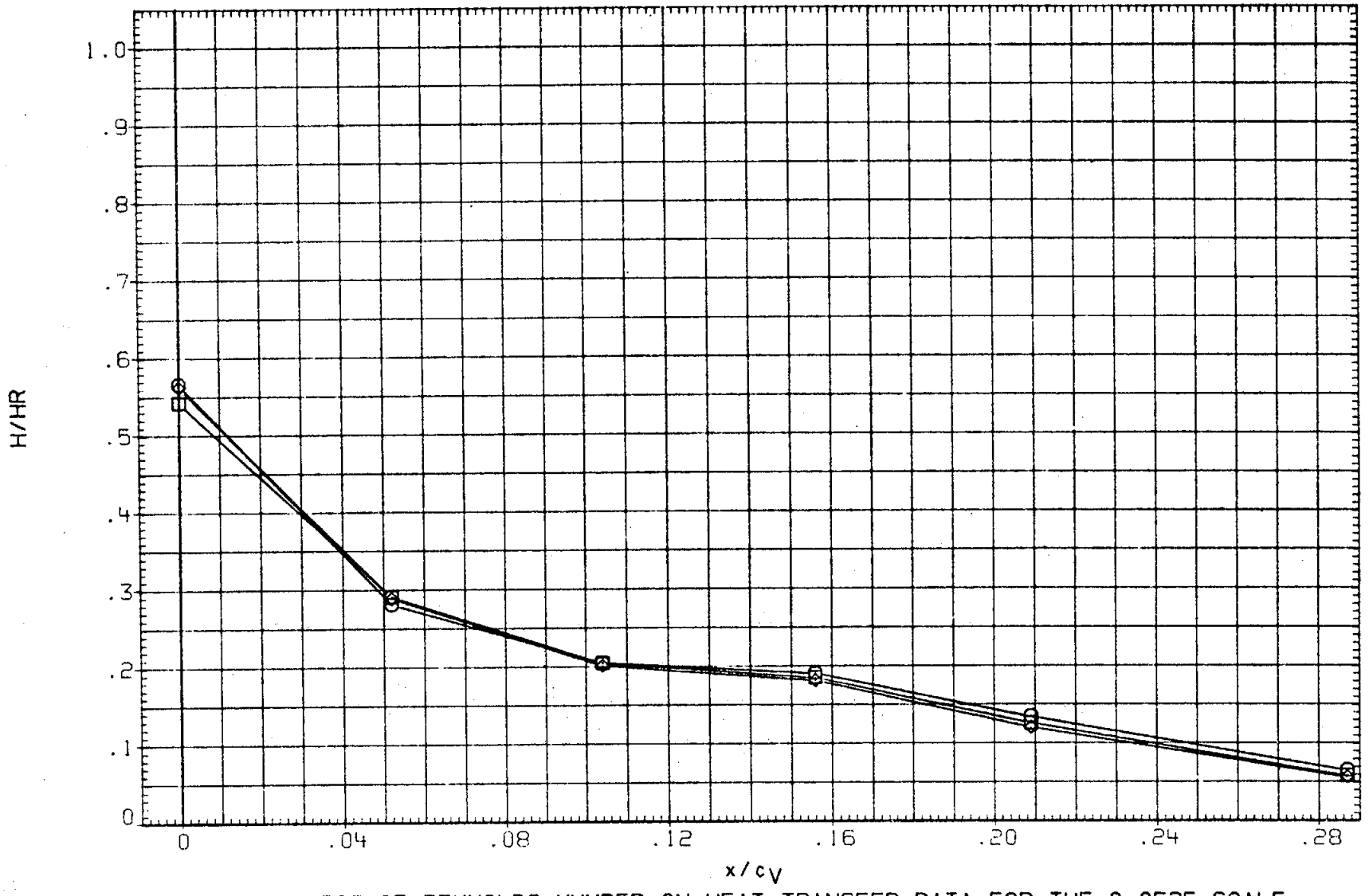


FIG. 31 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.507	.956	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

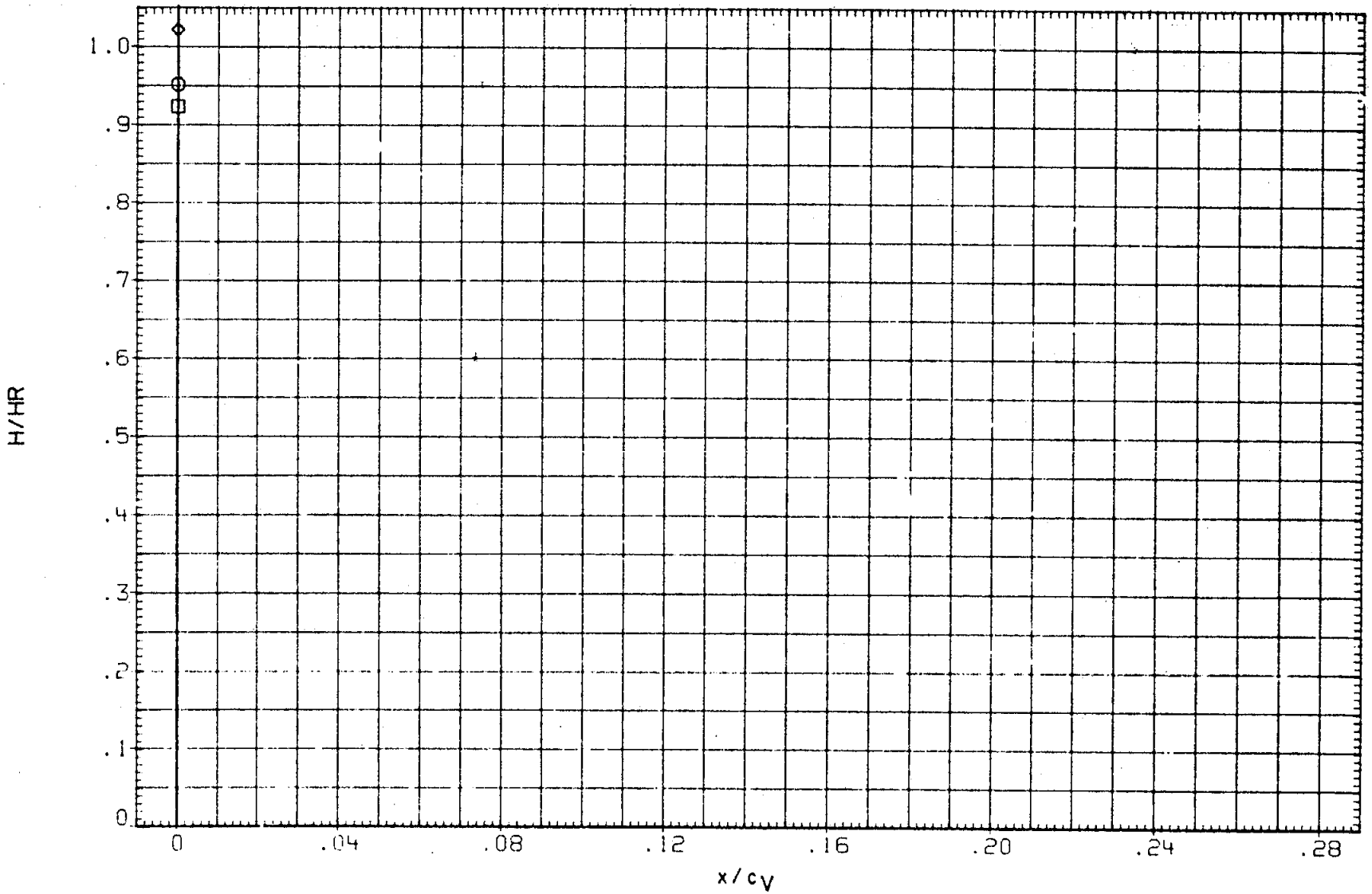


FIG. 31 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV19) OH'+00 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.015	.817	5.012

PARAMETRIC VALUES

MACH 7.980 BETA .000

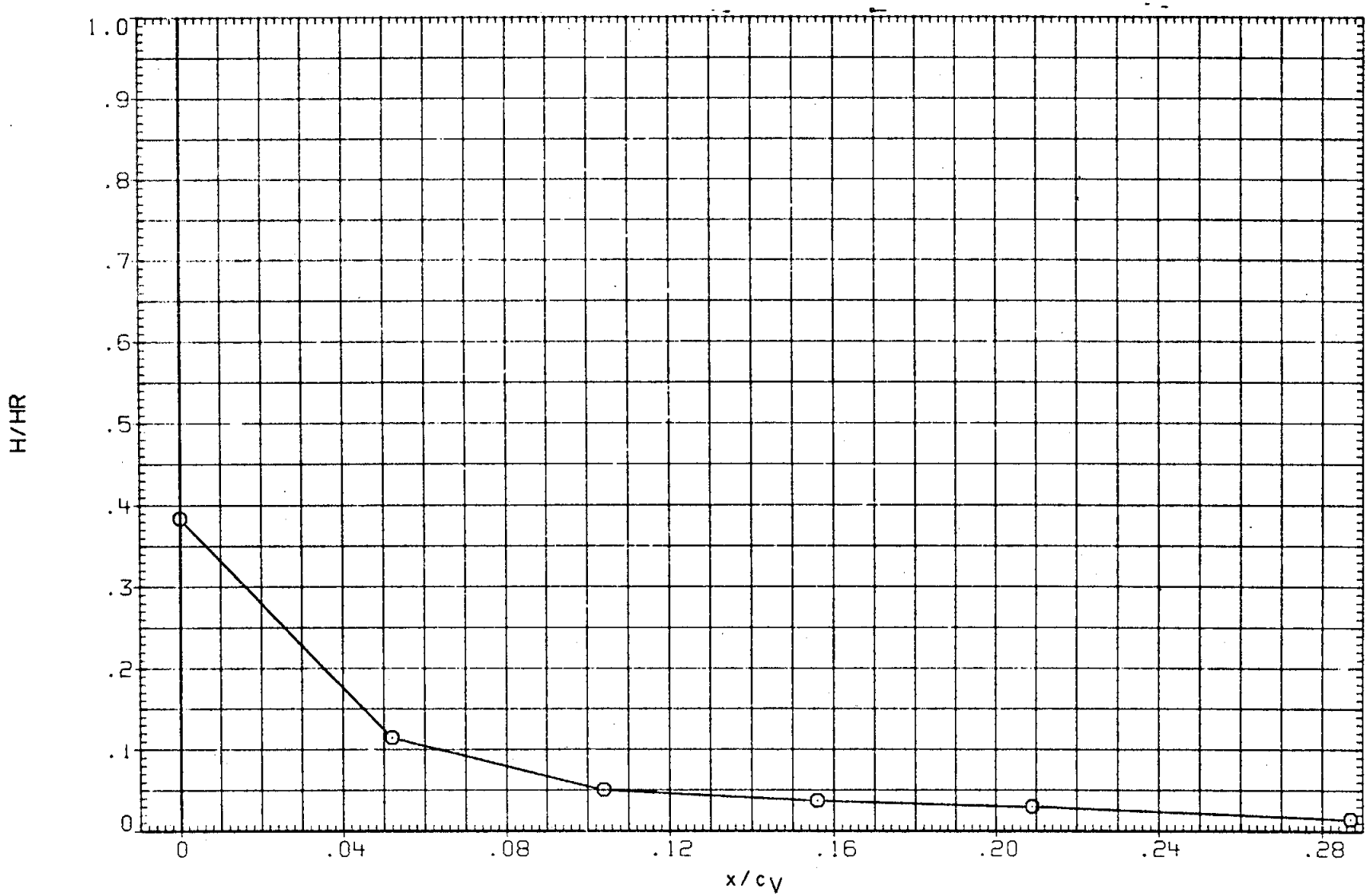


FIG. 32 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV19) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.015	.833	5.012

PARAMETRIC VALUES

MACH 7.980 BETA .000

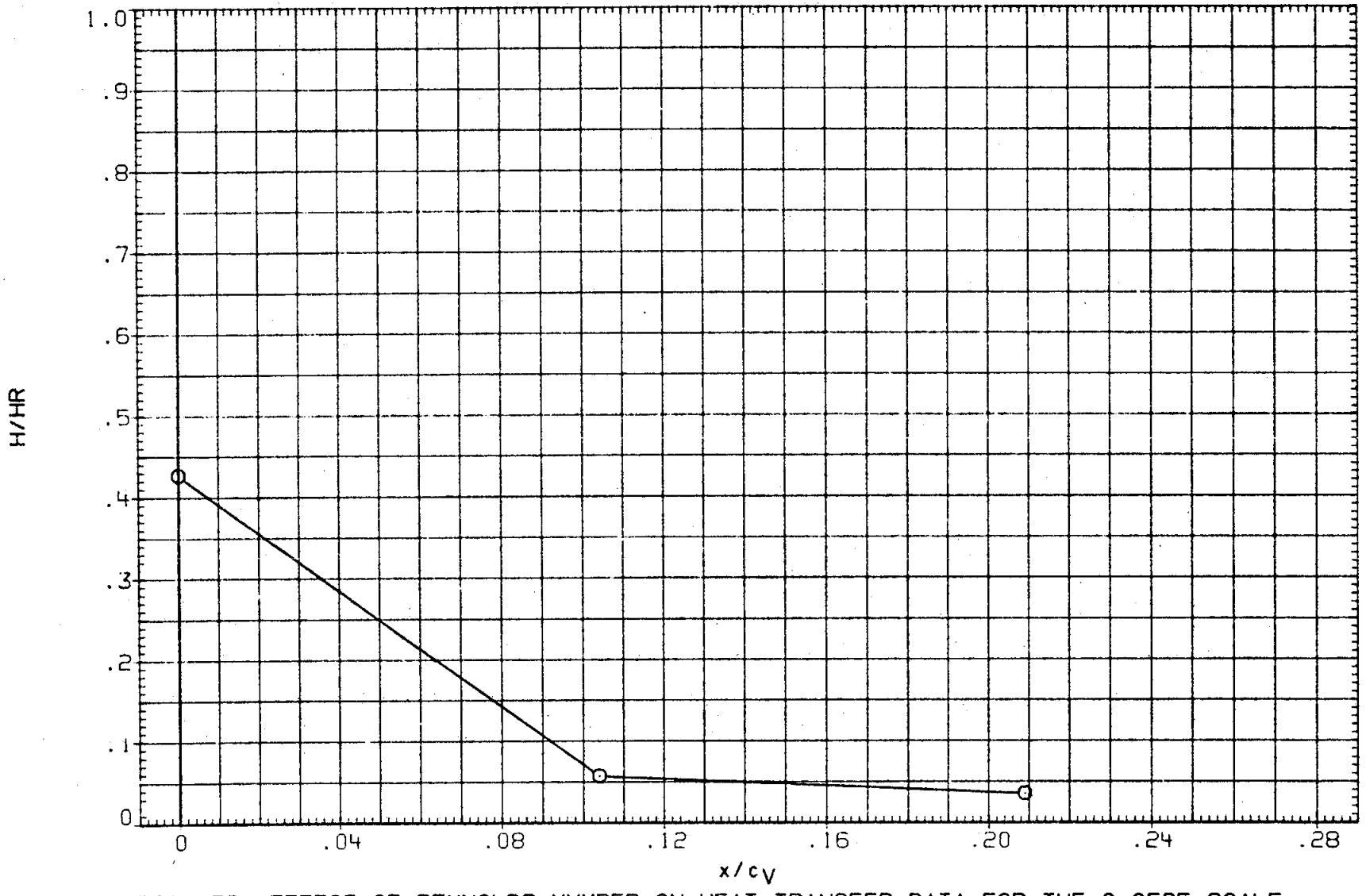


FIG. 32 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV19) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.015	.850	5.012

PARAMETRIC VALUES

MACH 7.980 BETA .000

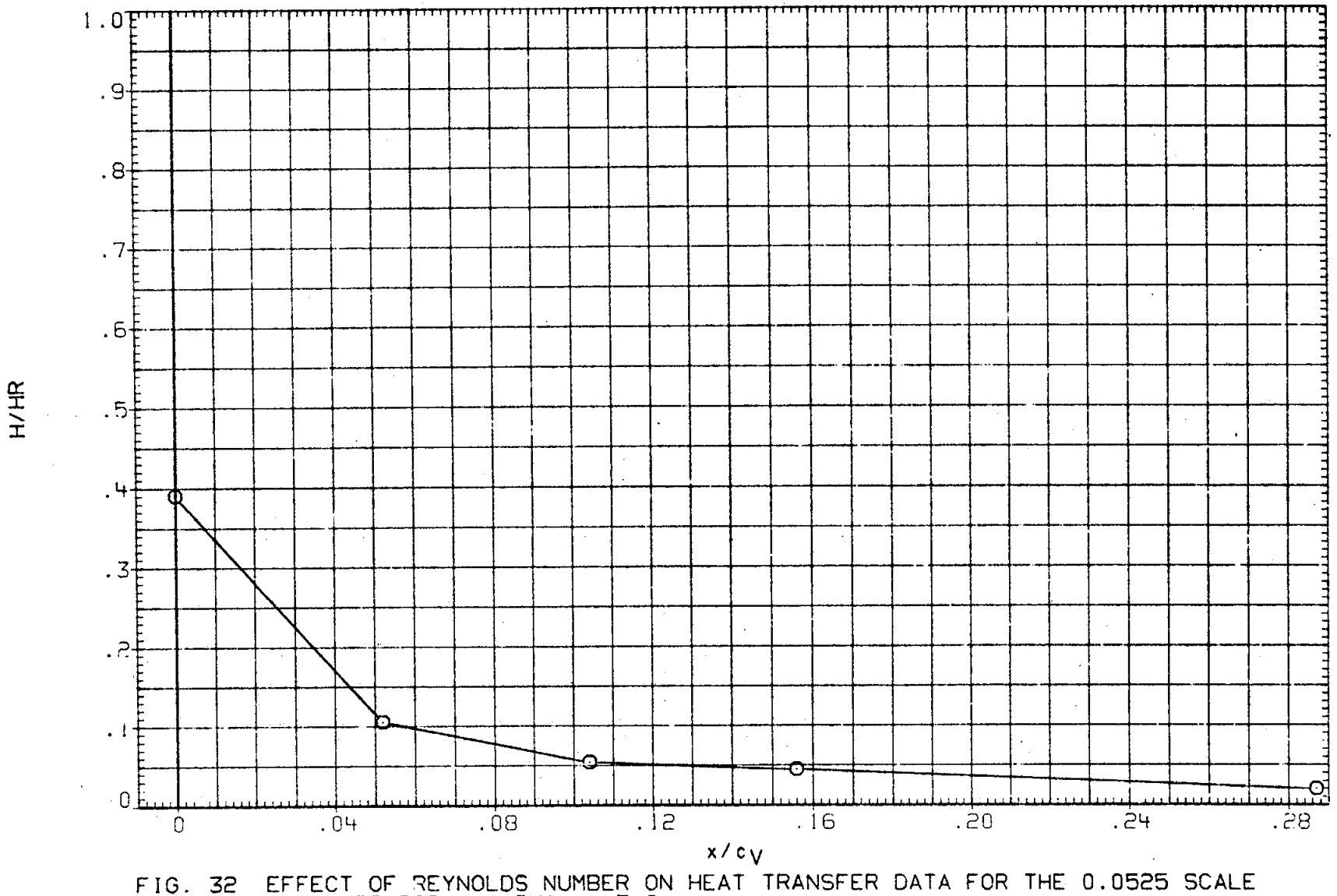


FIG. 32 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV19) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.015	.867	5.012

PARAMETRIC VALUES

MACH 7.980 BETA .000

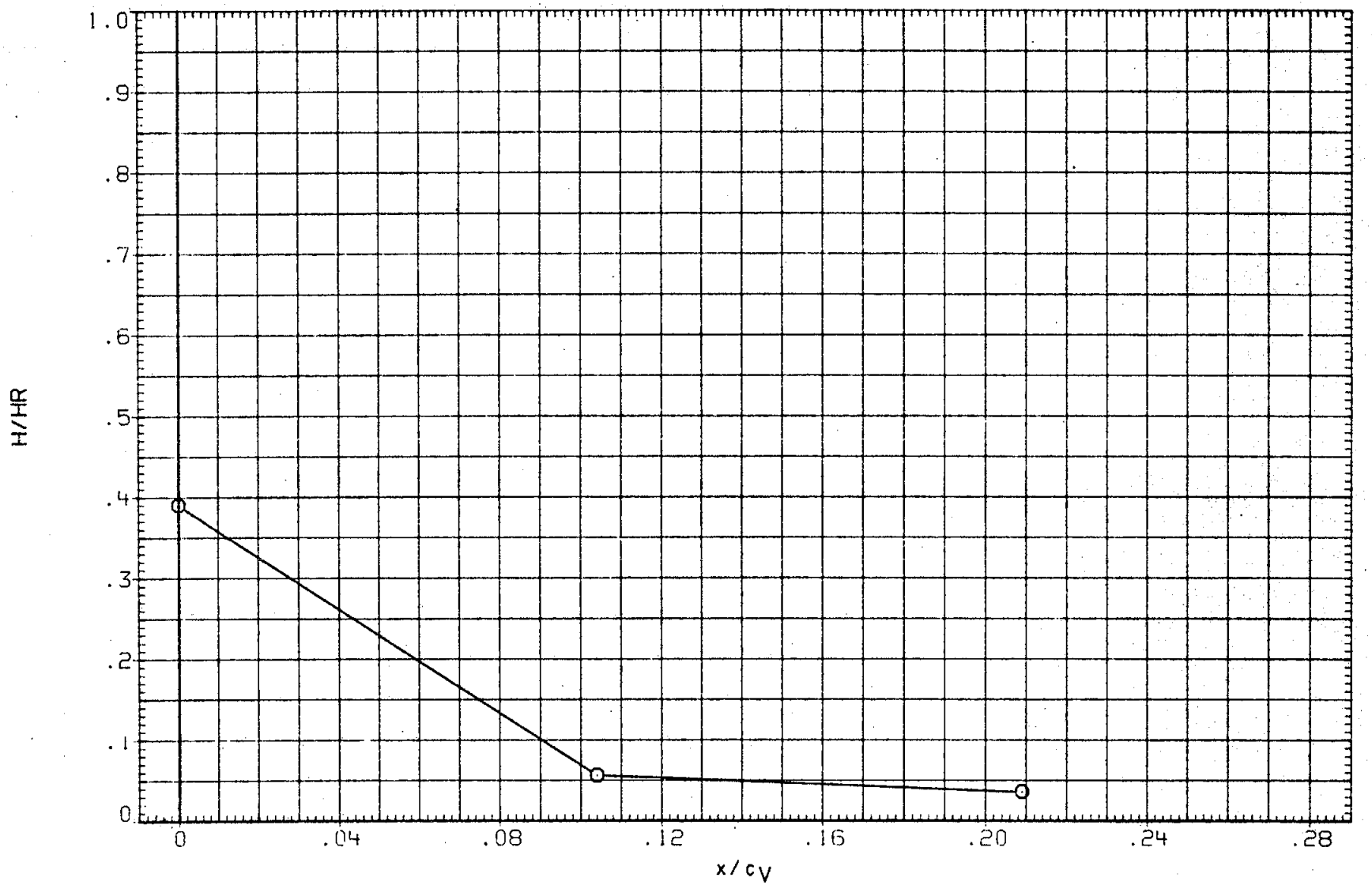


FIG. 32 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV19) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.015	.883	5.012

PARAMETRIC VALUES

MACH 7.980 BETA .000

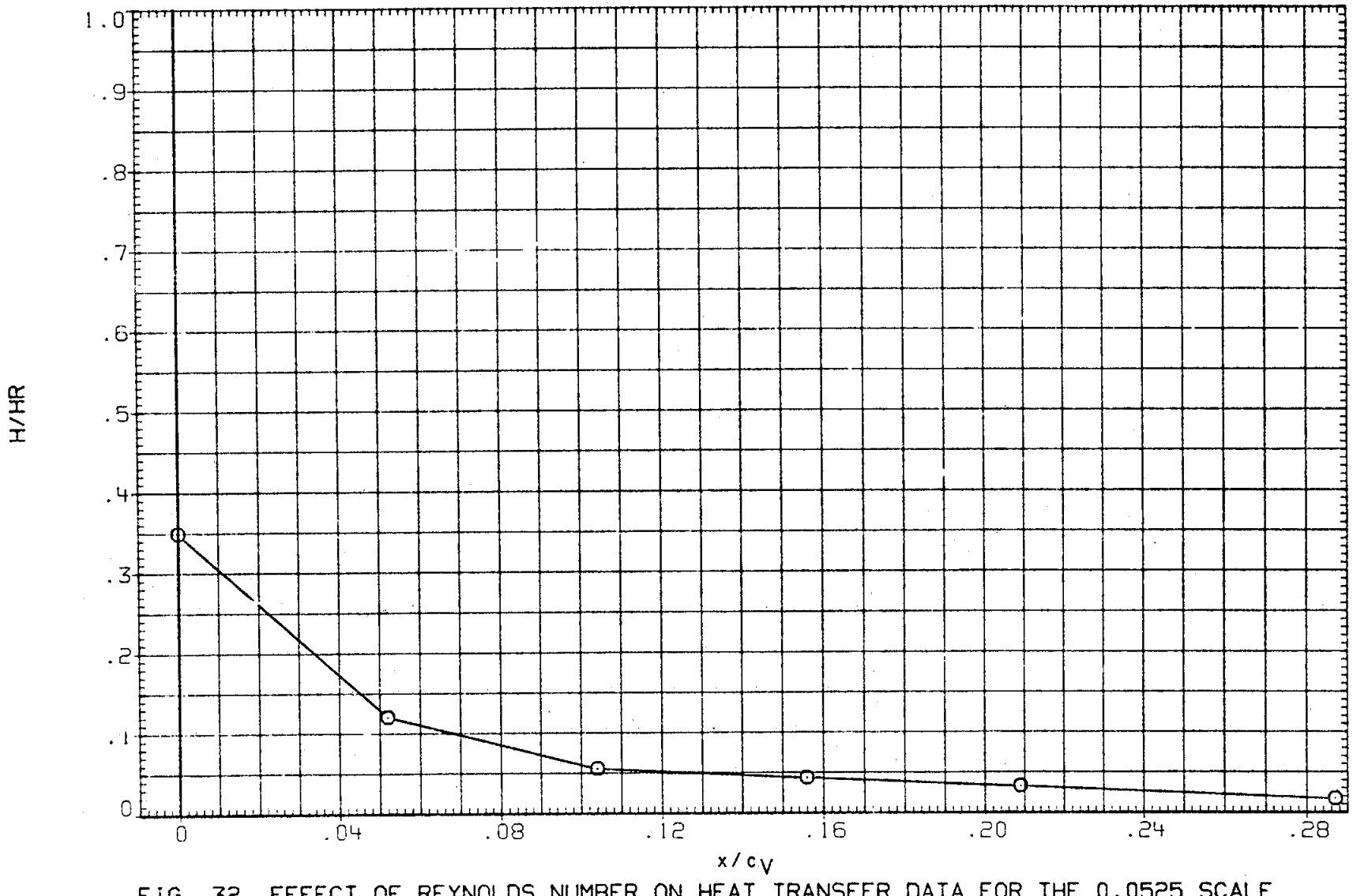


FIG. 32 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV19) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.015	.900	5.012

PARAMETRIC VALUES

MACH 7.980 BETA .000

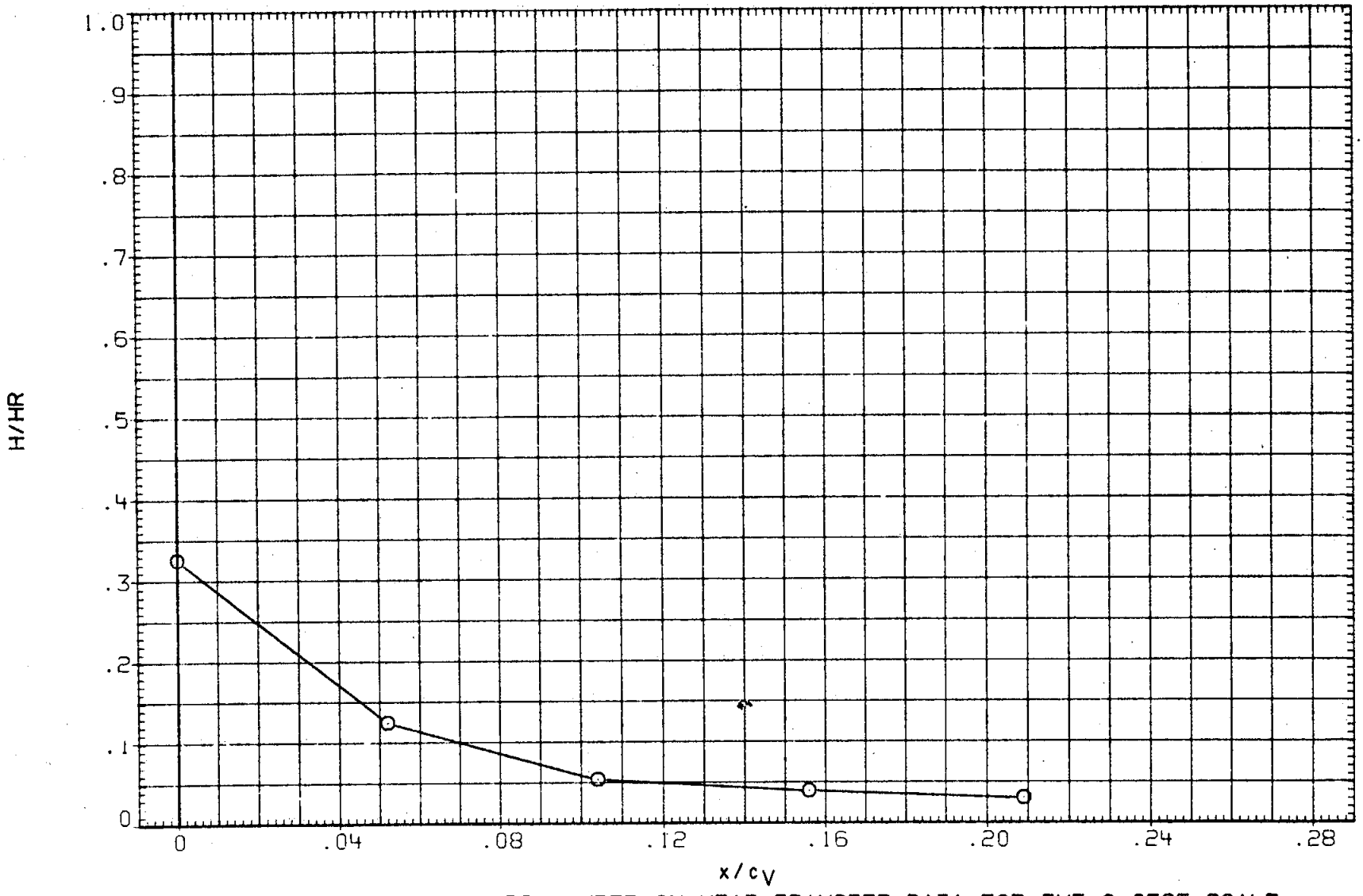


FIG. 32 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV19) OH400 (AEDC V41E-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.015	.917	5.012

PARAMETRIC VALUES

MACH 7.980 BETA .000

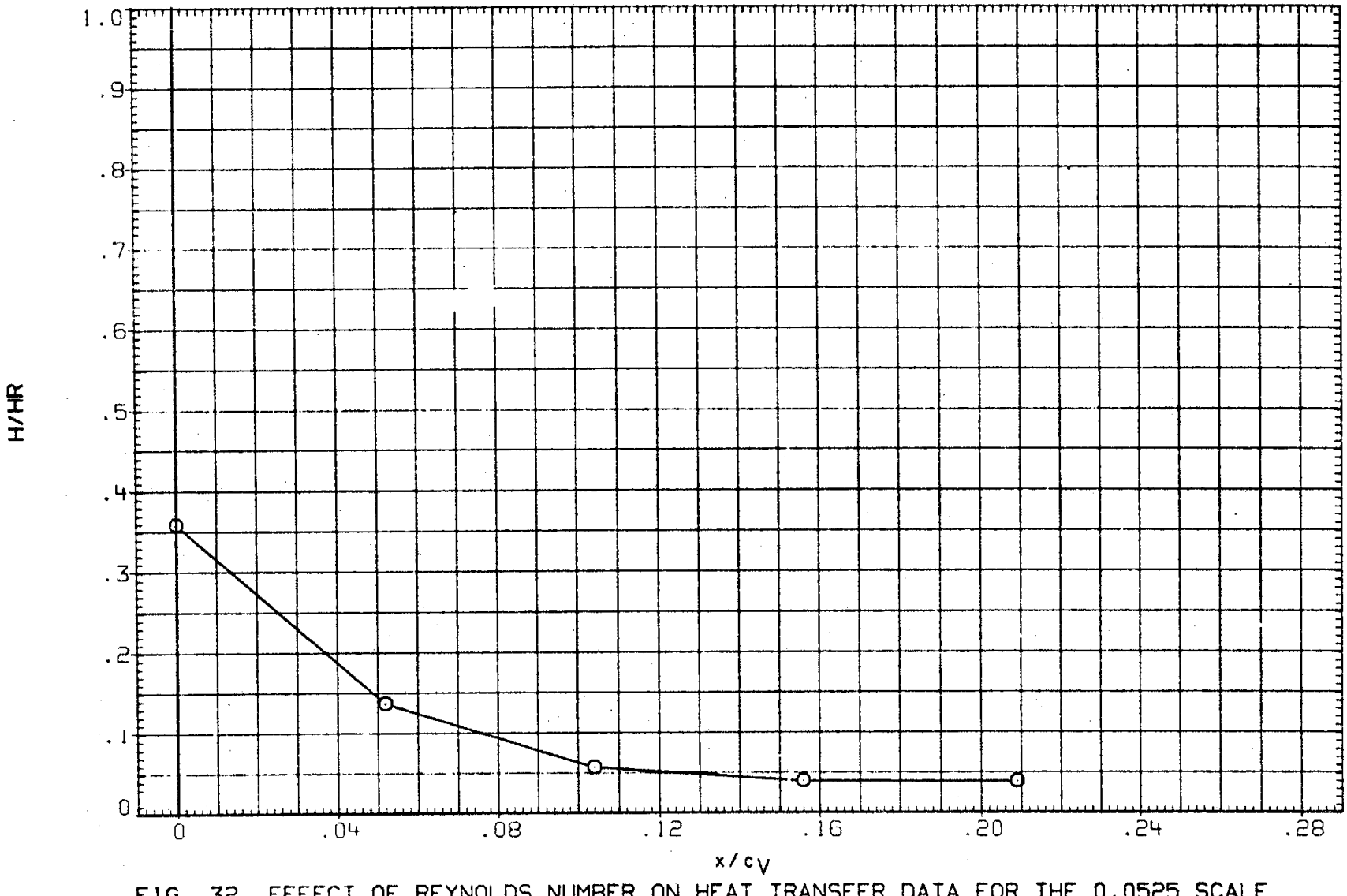


FIG. 32 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV19) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	2.015	.933	5.012

PARAMETRIC VALUES

MACH 7.980 BETA .000

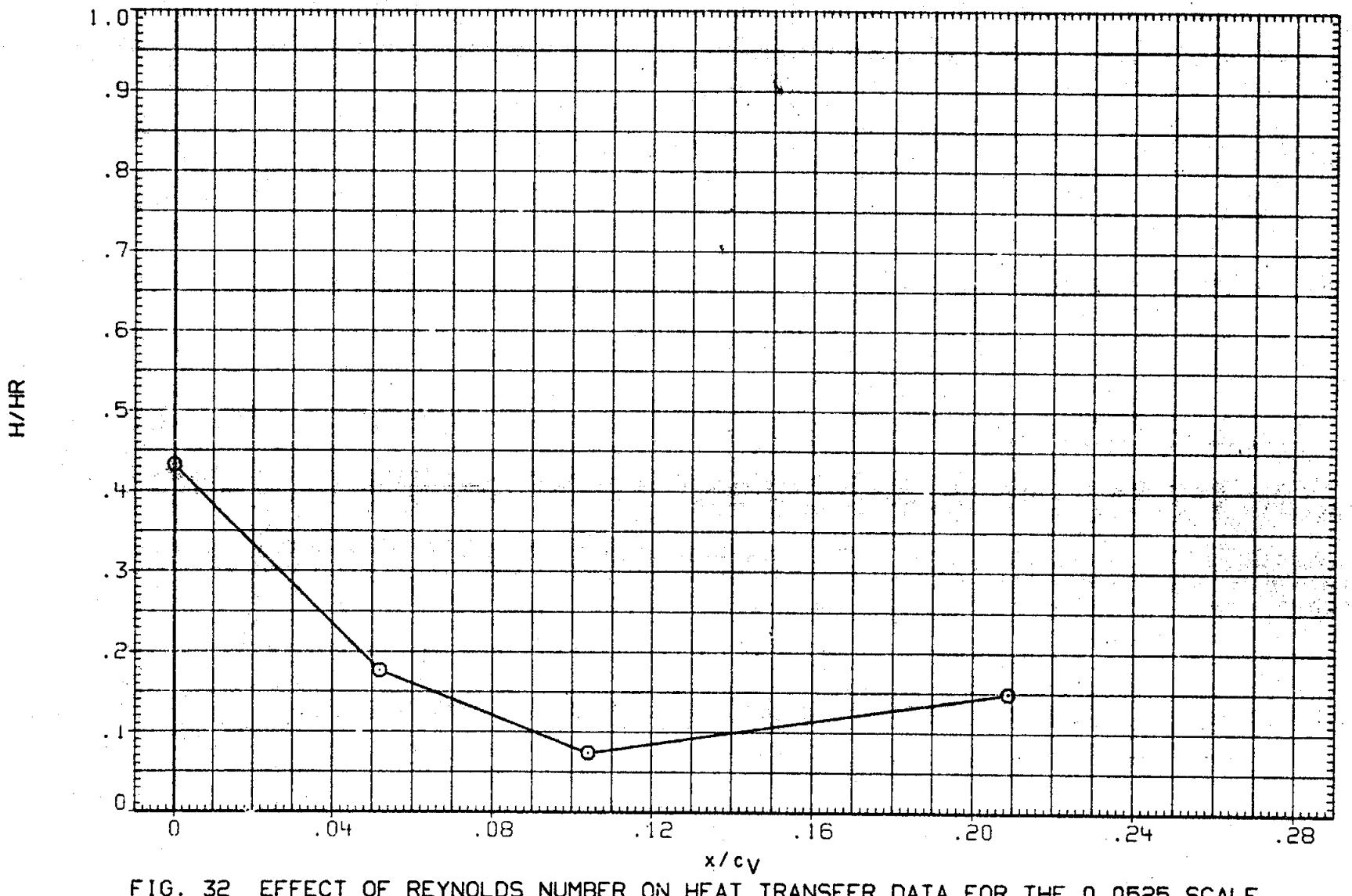


FIG. 32 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV19) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	2.015	.950	5.012

PARAMETRIC VALUES

MACH 7.980 BETA .000

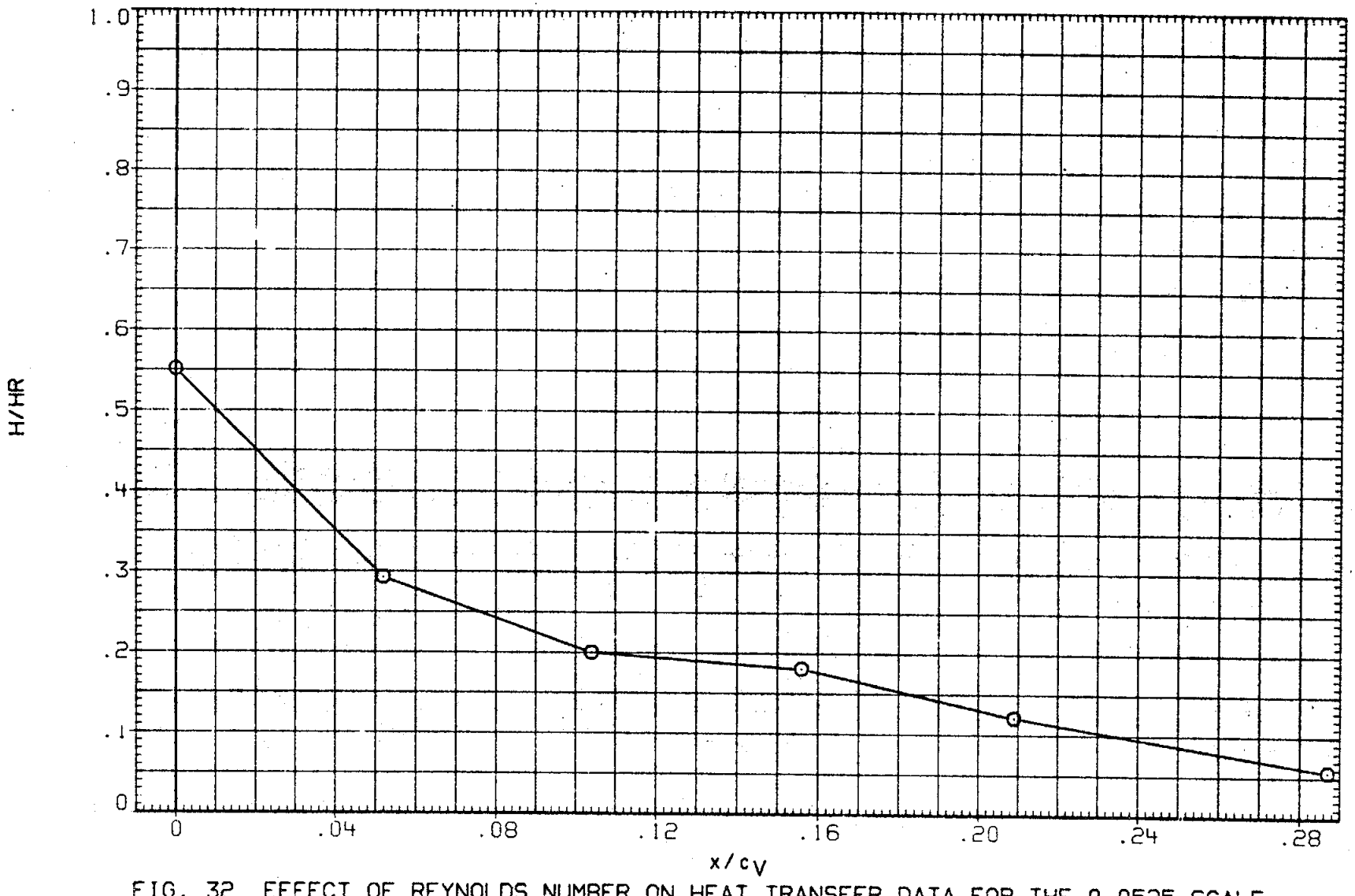


FIG. 32 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV19) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.015	.956	5.012

PARAMETRIC VALUES

MACH 7.980 BETA .000

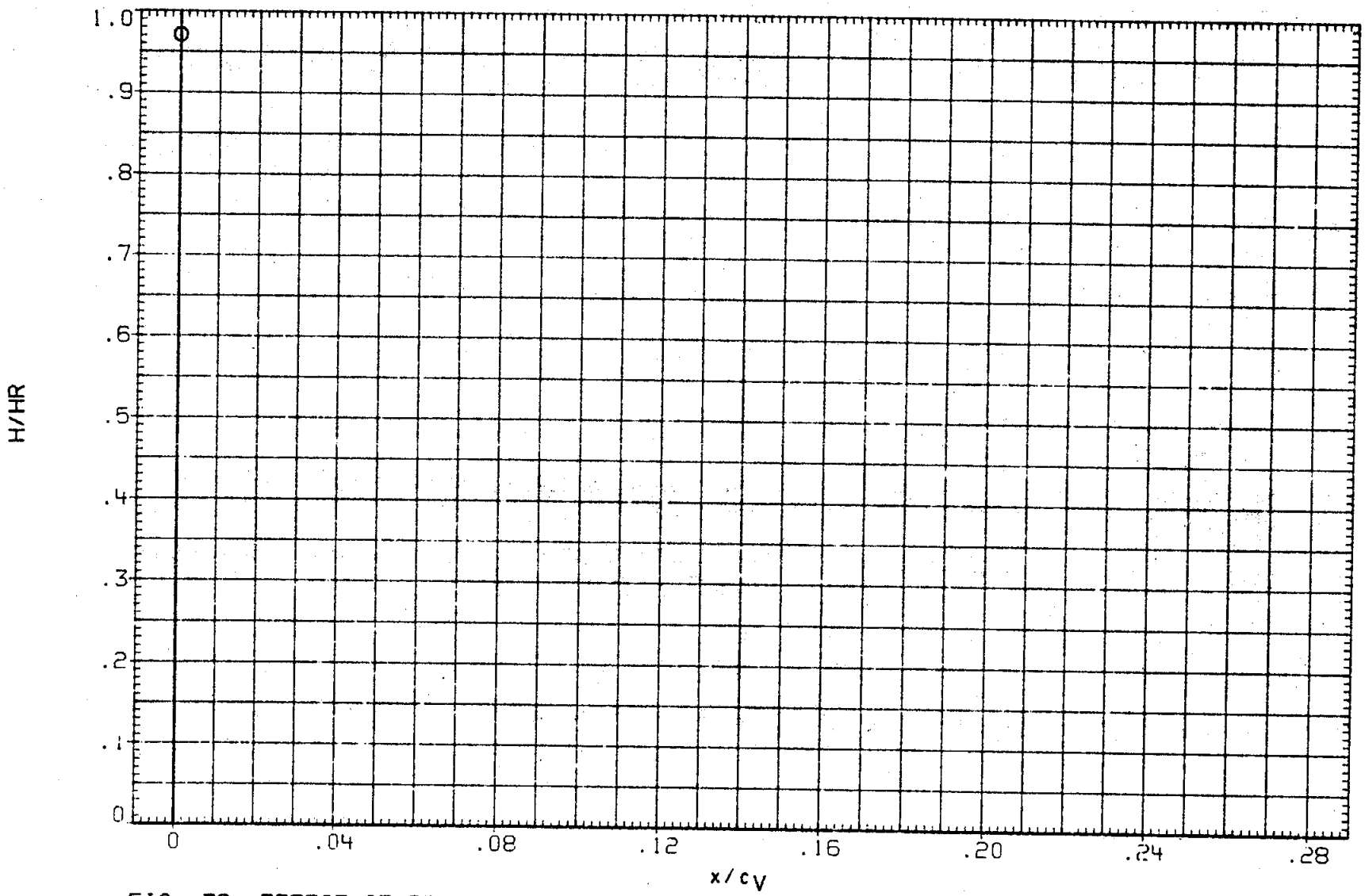


FIG. 32 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 5.0

(R4XV20) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.025	.817	30.076
□	3.707		

PARAMETRIC VALUES

MACH 7.970 BETA .002

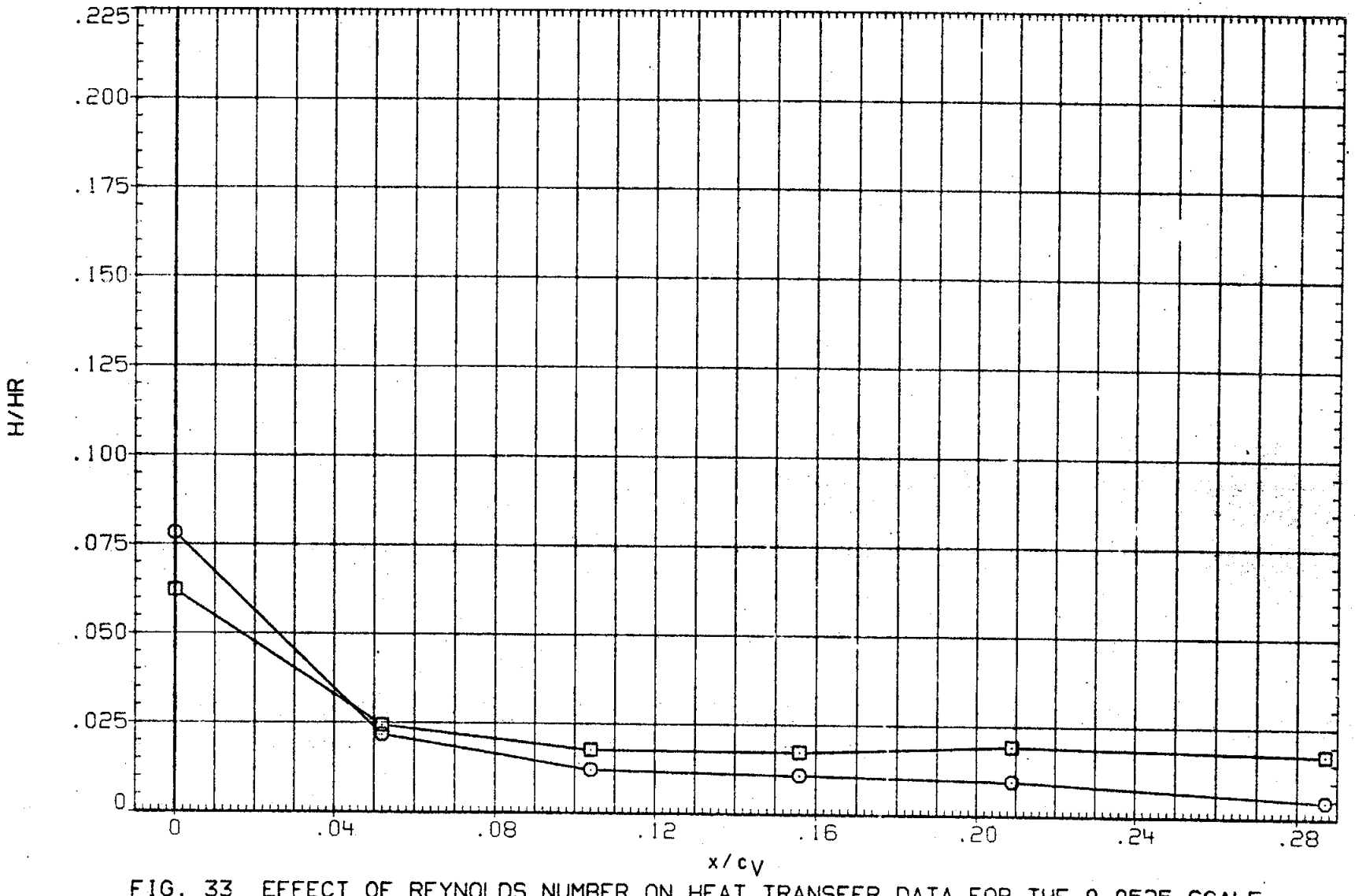


FIG. 33 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV20) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.025	.833	30.076
□	3.707		

PARAMETRIC VALUES

MACH 7.970 BETA .002

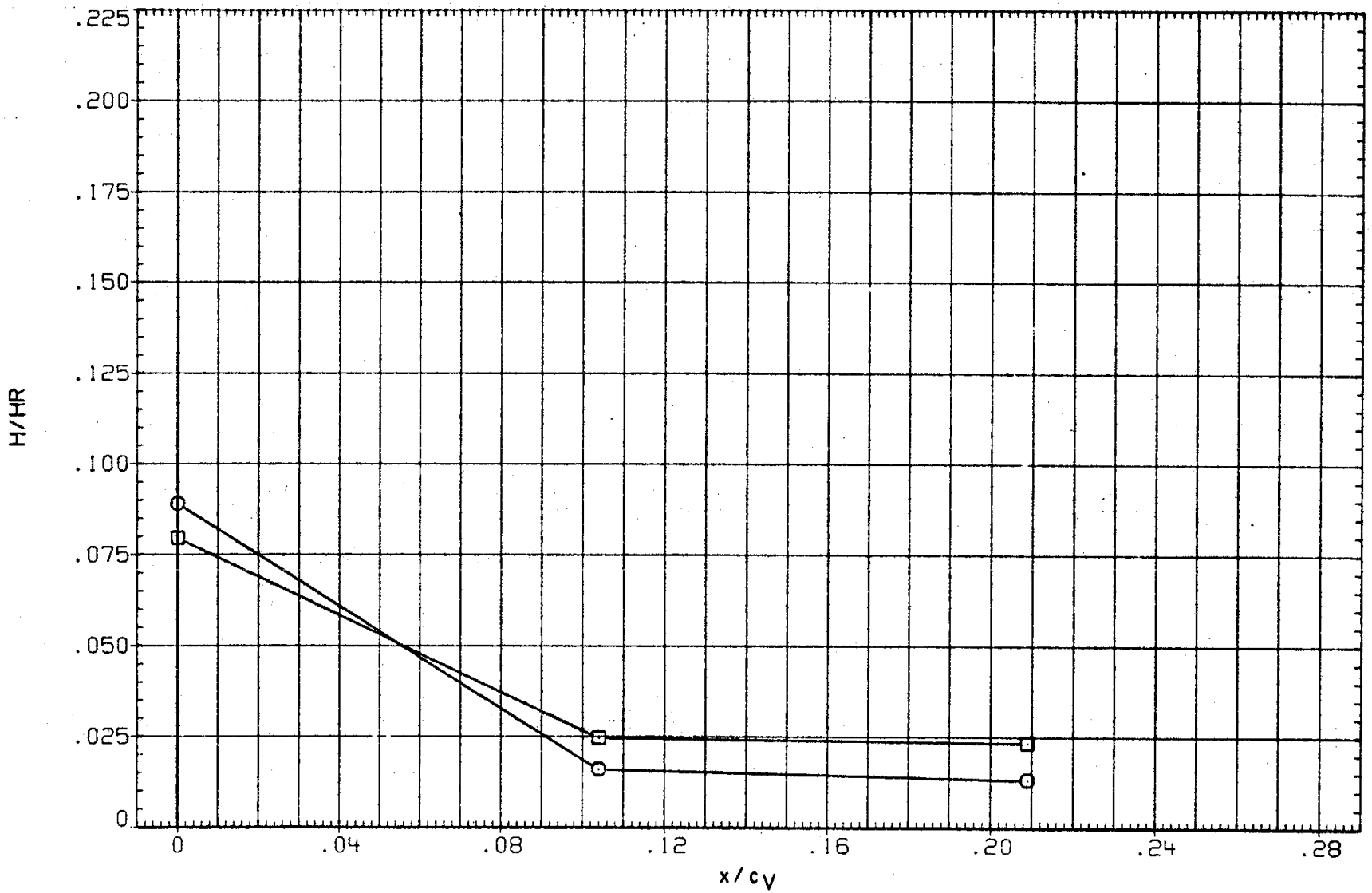


FIG. 33 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV20) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.025	.850	30.076
□	3.707		

PARAMETRIC VALUES

MACH 7.970 BETA .002

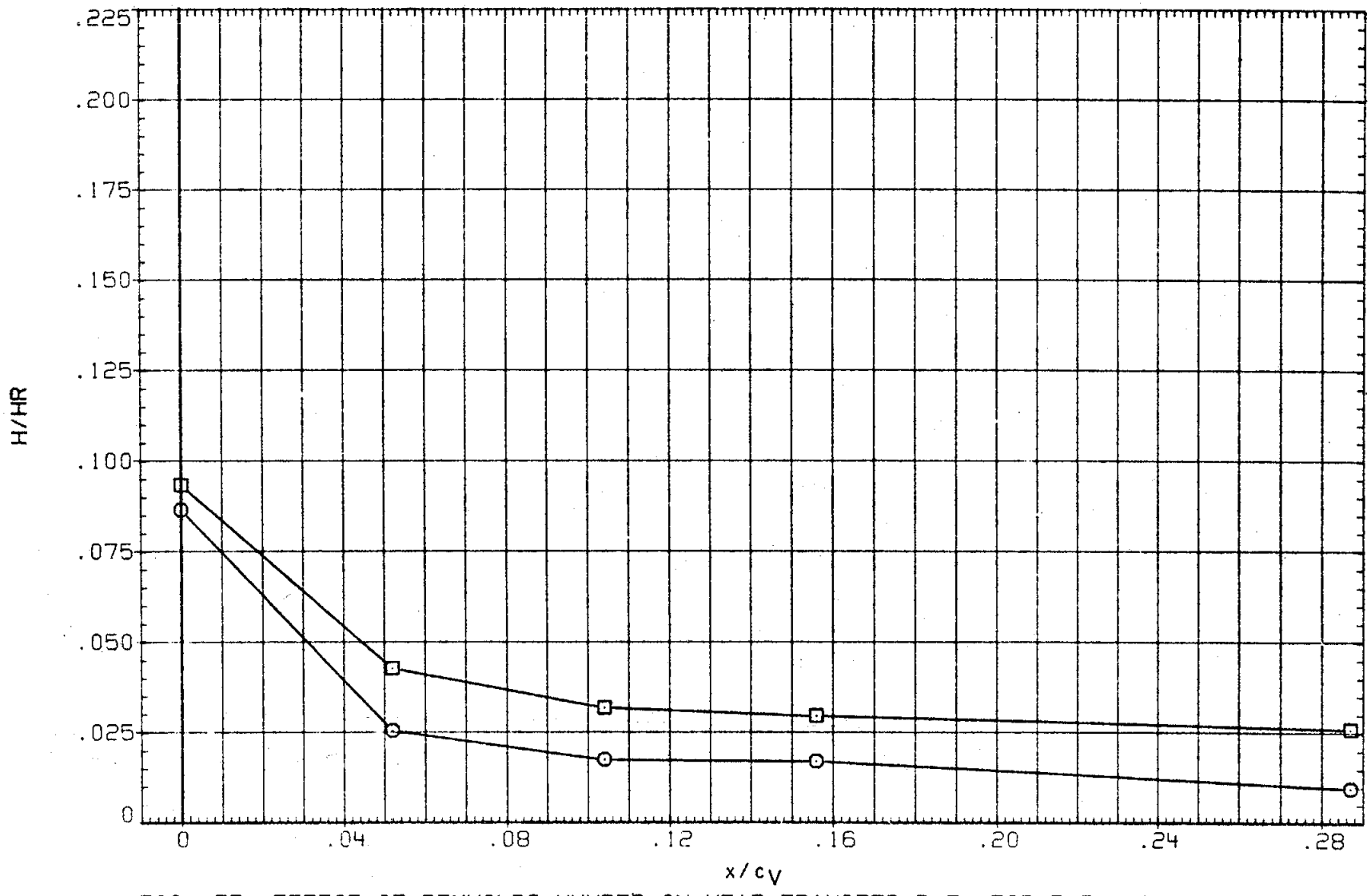


FIG. 33 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV20) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.025	.867	30.076
□	3.707		

PARAMETRIC VALUES

MACH 7.970 BETA .002

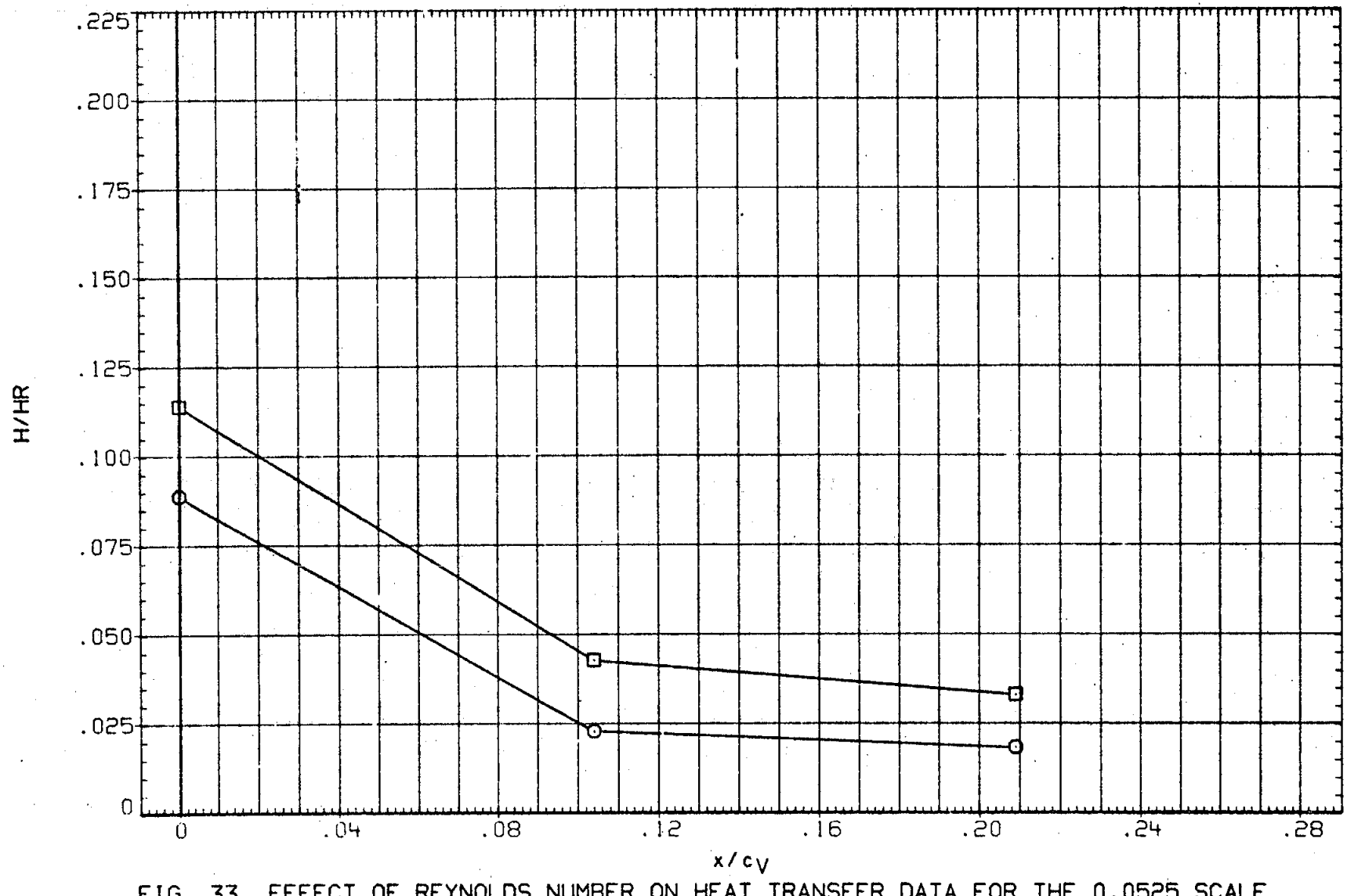


FIG. 33 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV20) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.025	.883	30.076
□	3.707		

PARAMETRIC VALUES

MACH 7.970 BETA .002

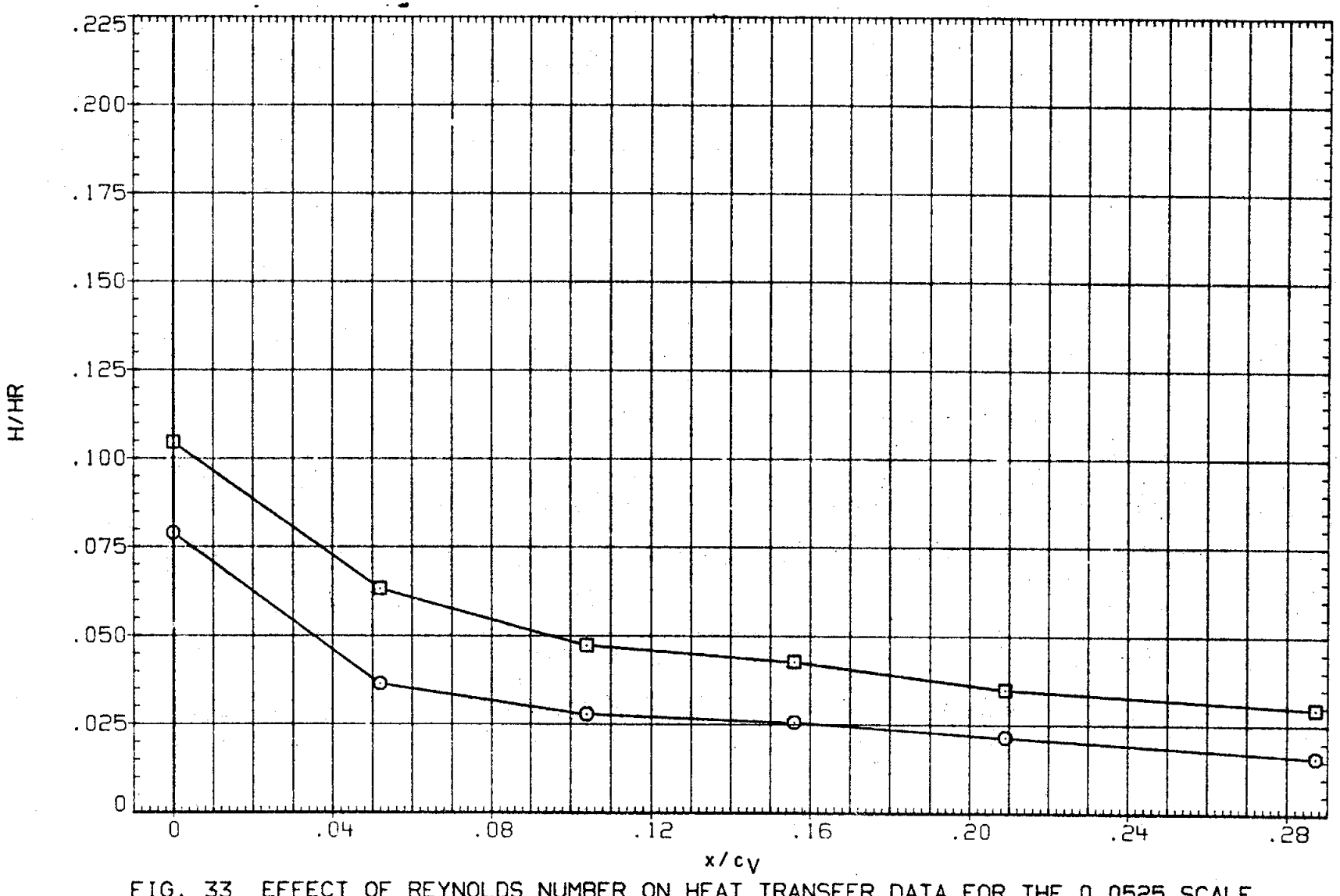


FIG. 33 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV20) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.025	.900	30.076
□	3.707		

PARAMETRIC VALUES

MACH 7.970 BETA .002

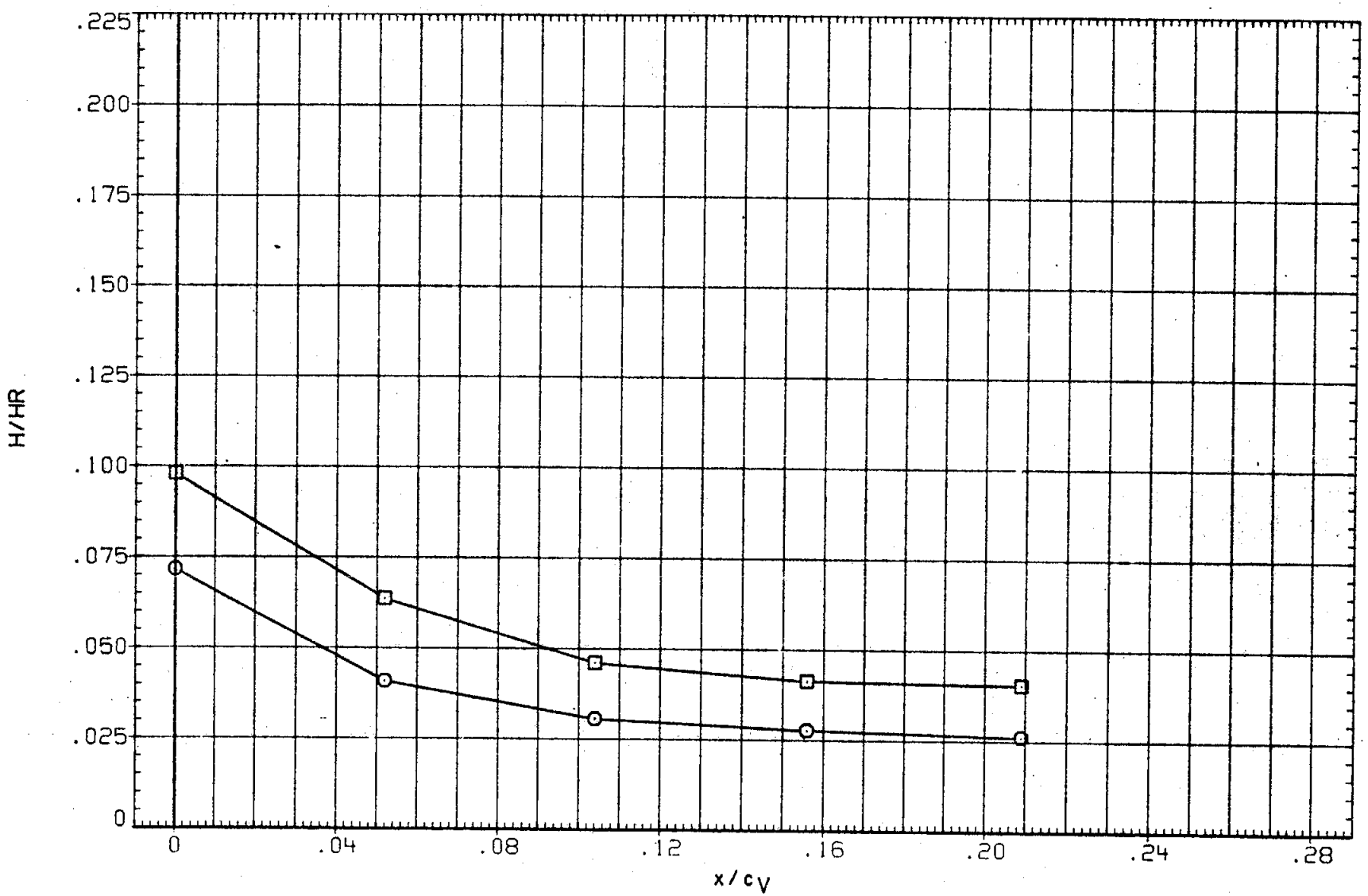


FIG. 33 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV20) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.025	.917	30.076
□	3.707		

PARAMETRIC VALUES

MACH 7.970 BETA .002

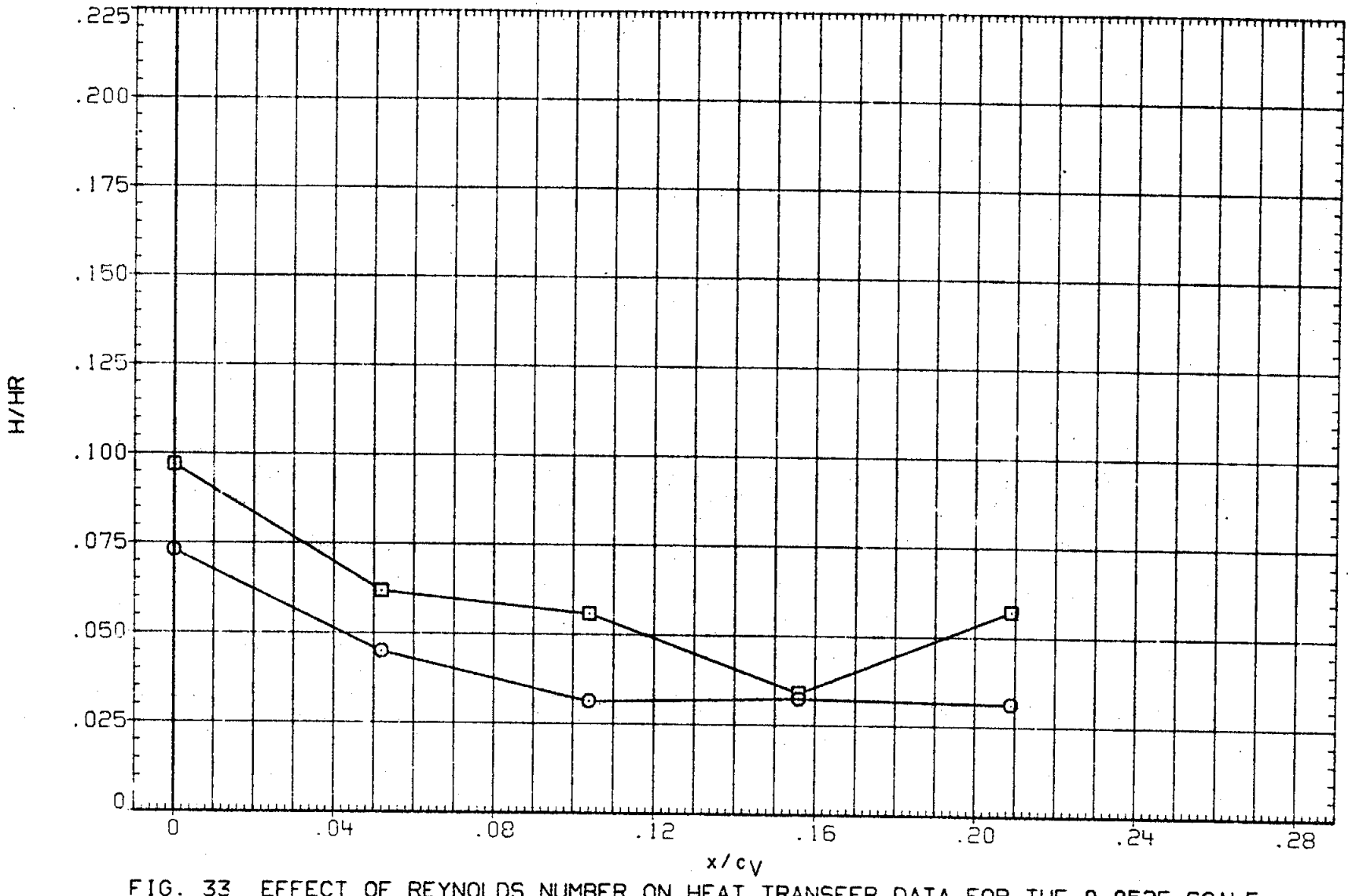


FIG. 33 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV20) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.025	.933	30.076
□	3.707		

PARAMETRIC VALUES

MACH 7.970 BETA .002

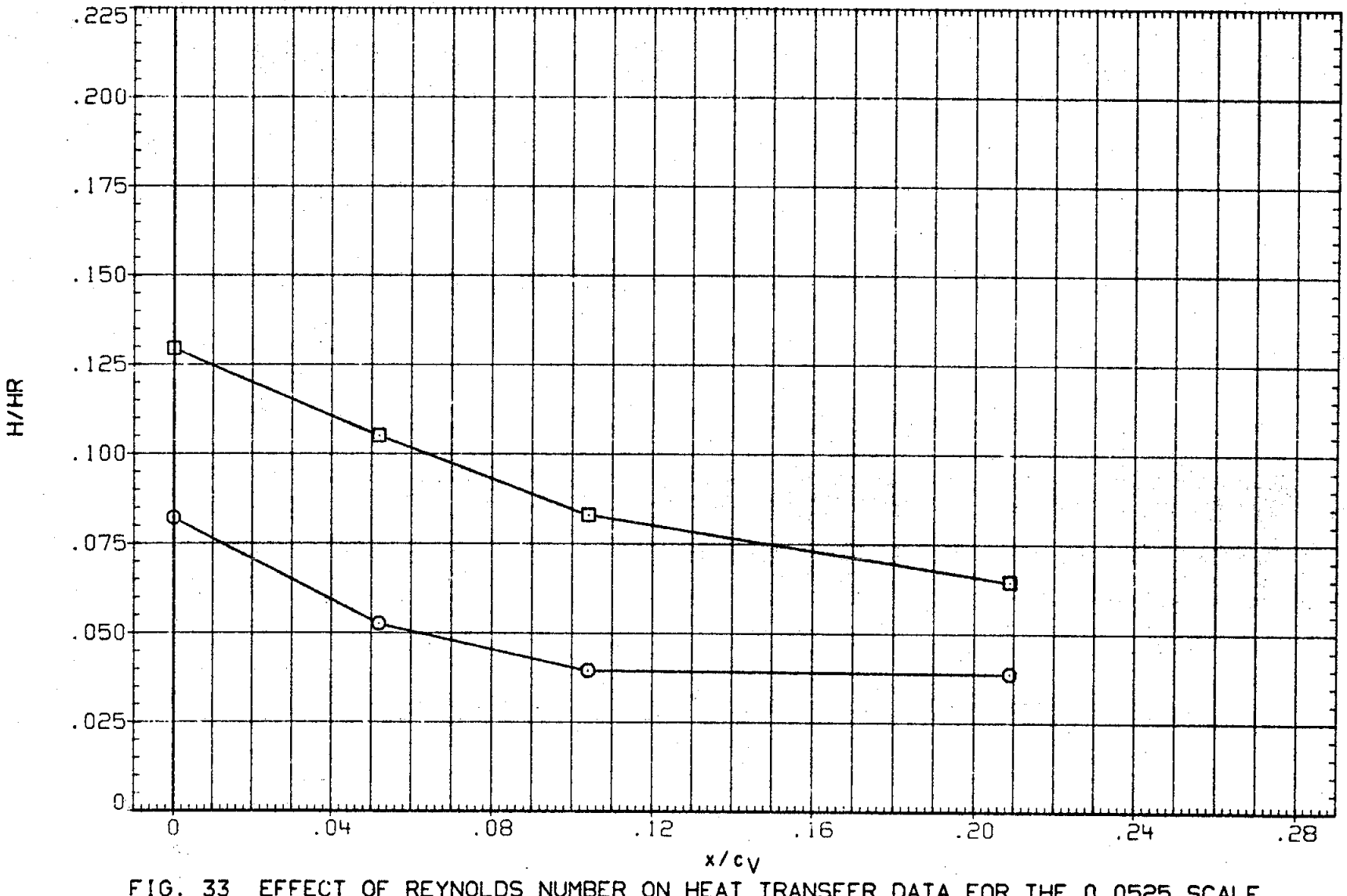


FIG. 33 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV20) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.025	.950	30.076
□	3.707		

PARAMETRIC VALUES

MACH 7.970 BETA .002

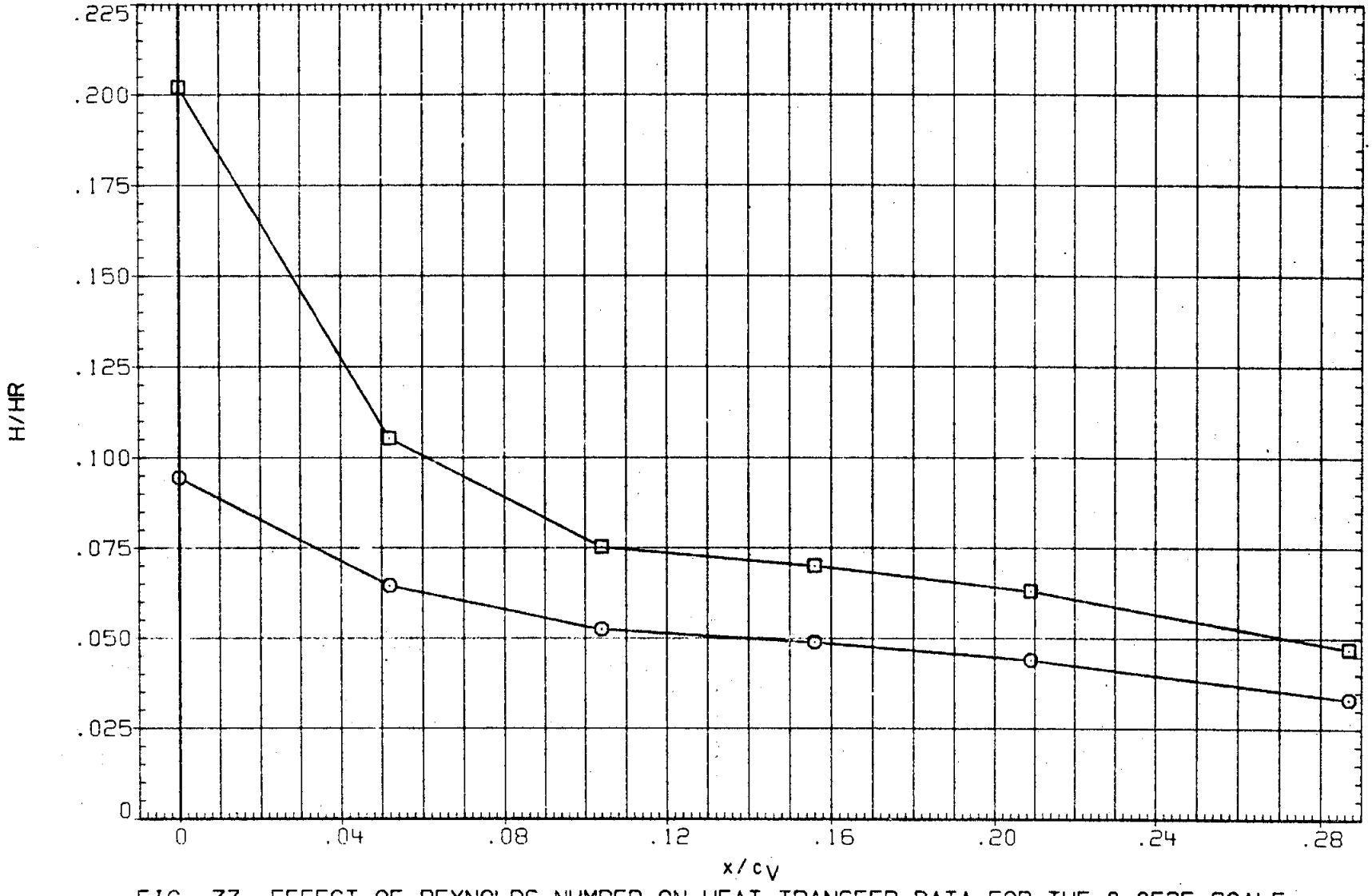


FIG. 33 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV20) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	1.025	.956	30.076
□	3.707		

PARAMETRIC VALUES

MACH 7.970 BETA .002

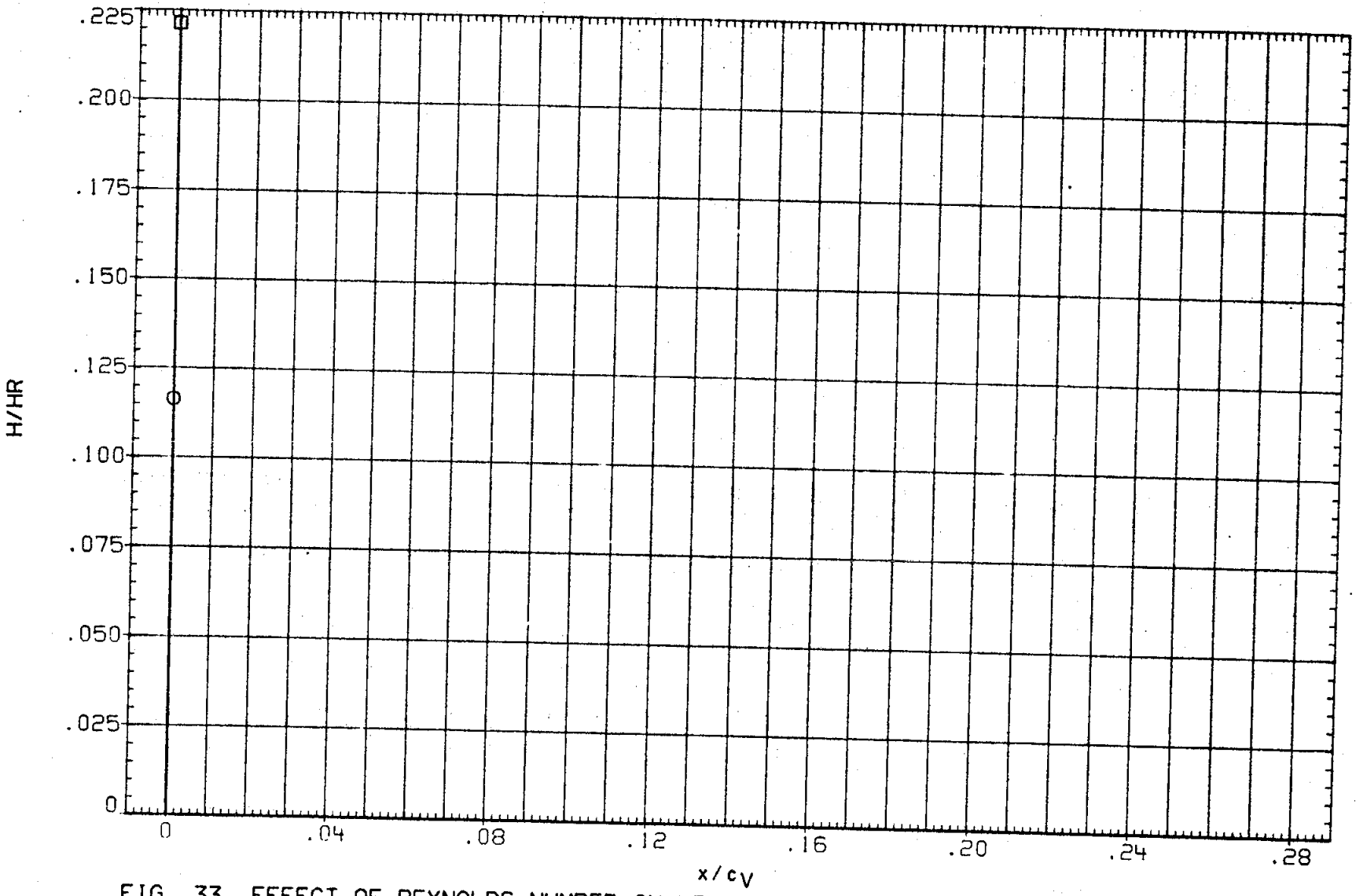


FIG. 33 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV21) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.504	.817	30.052
□	1.022		
◇	2.021		
△	3.017		
◁	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA -.002

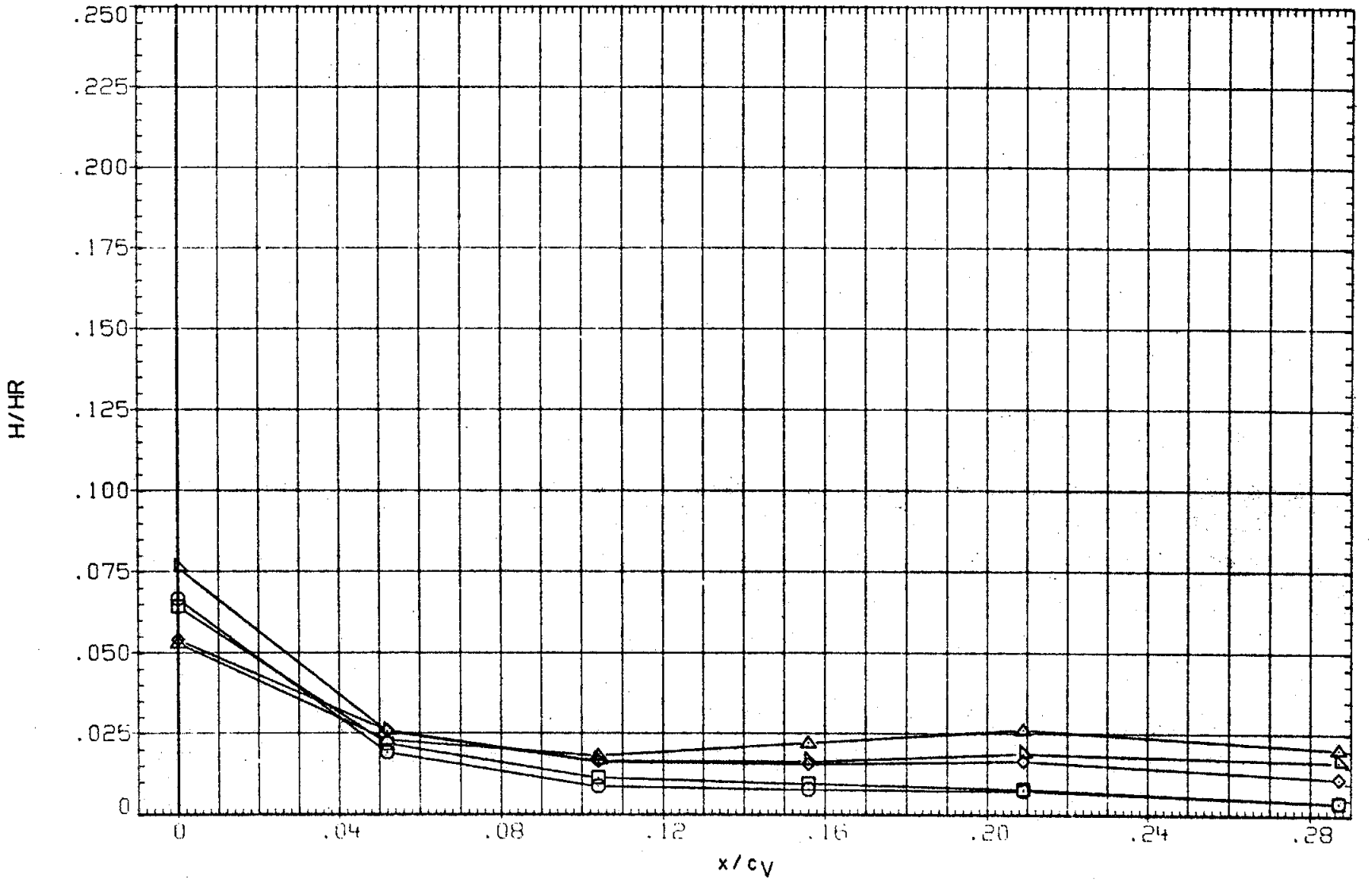


FIG. 34 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

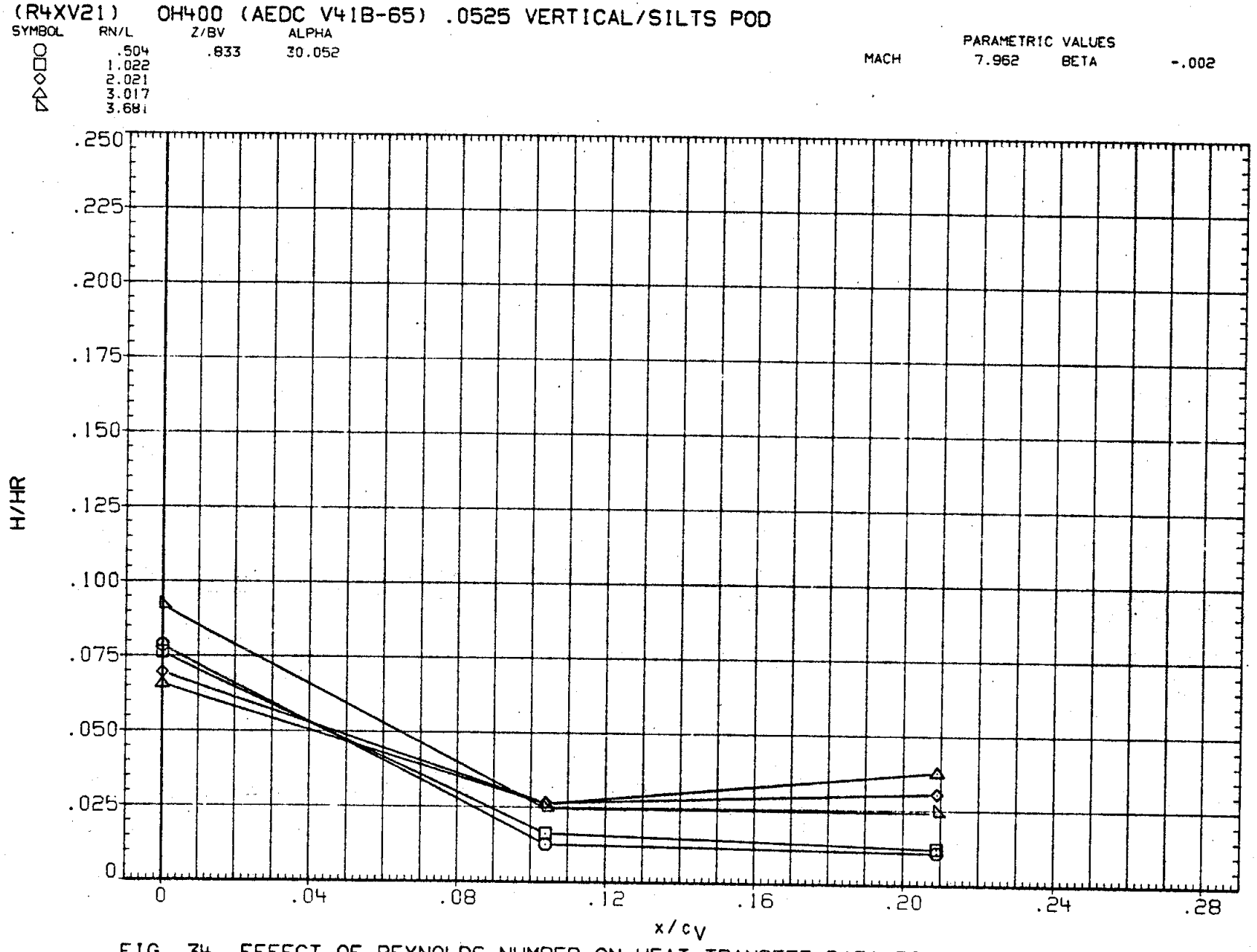


FIG. 34 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

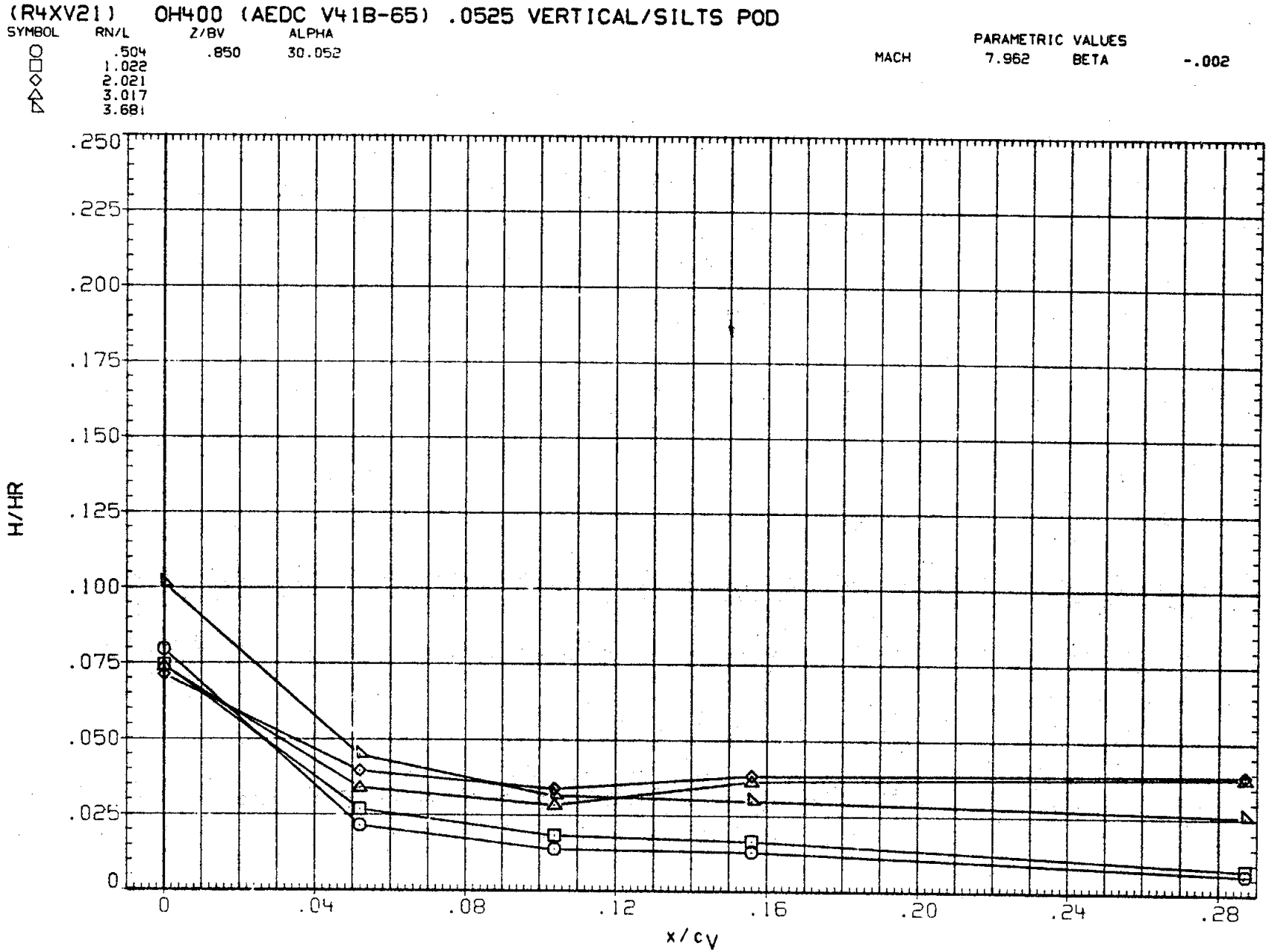


FIG. 34 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

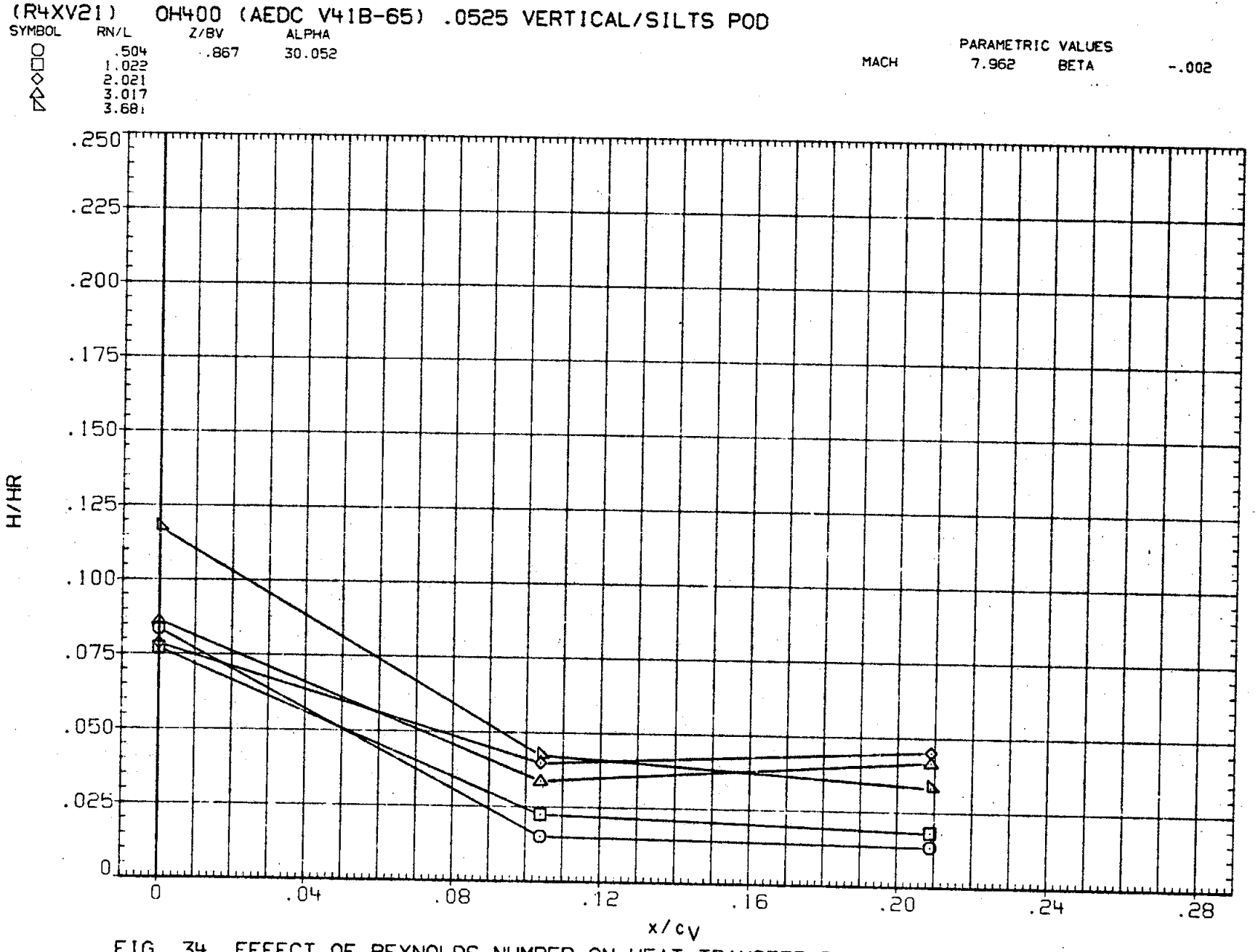


FIG. 34 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV21) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.504	.883	30.052
□	1.022		
◇	2.021		
△	3.017		
◺	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA -.002

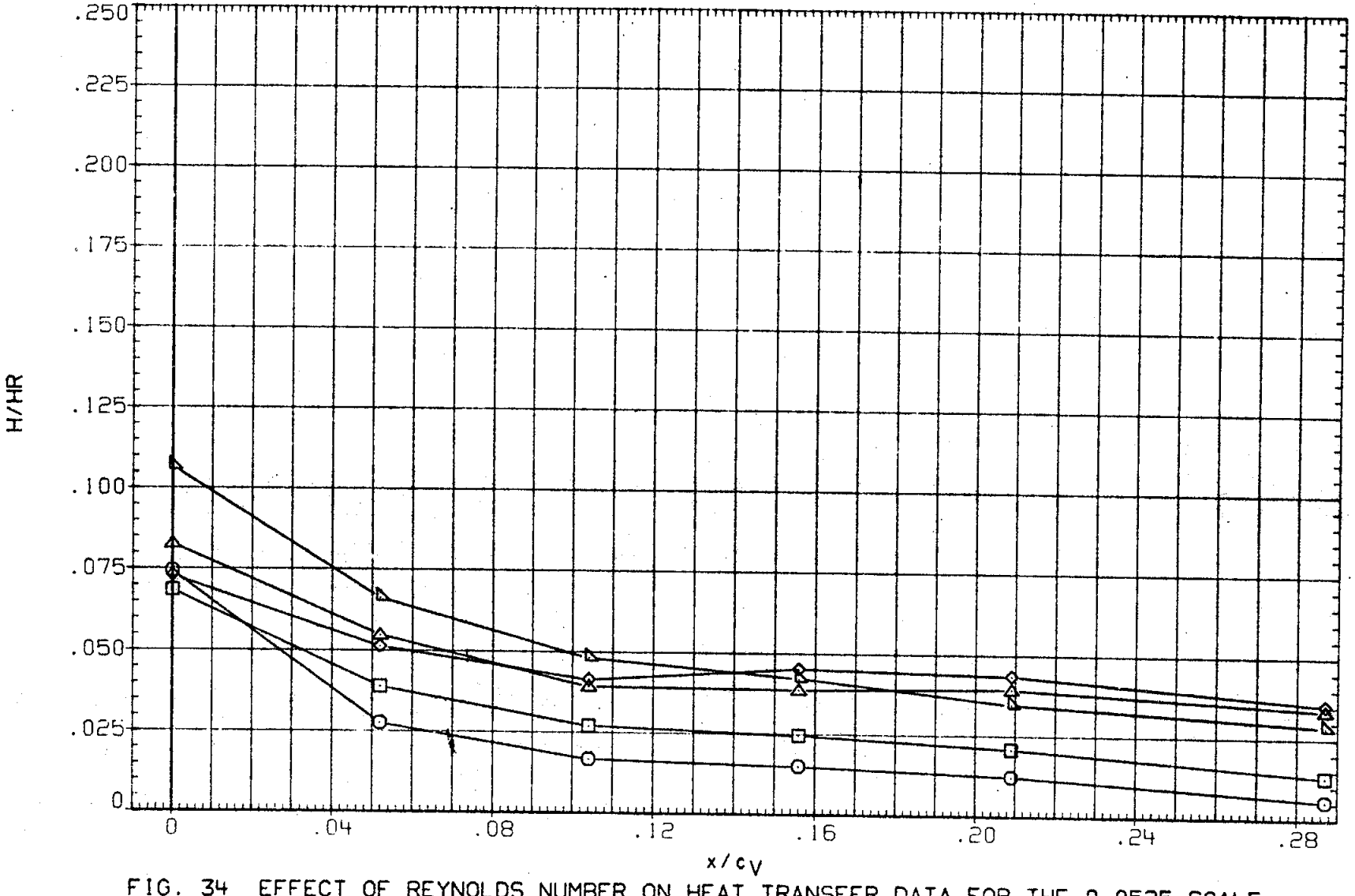


FIG. 34 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

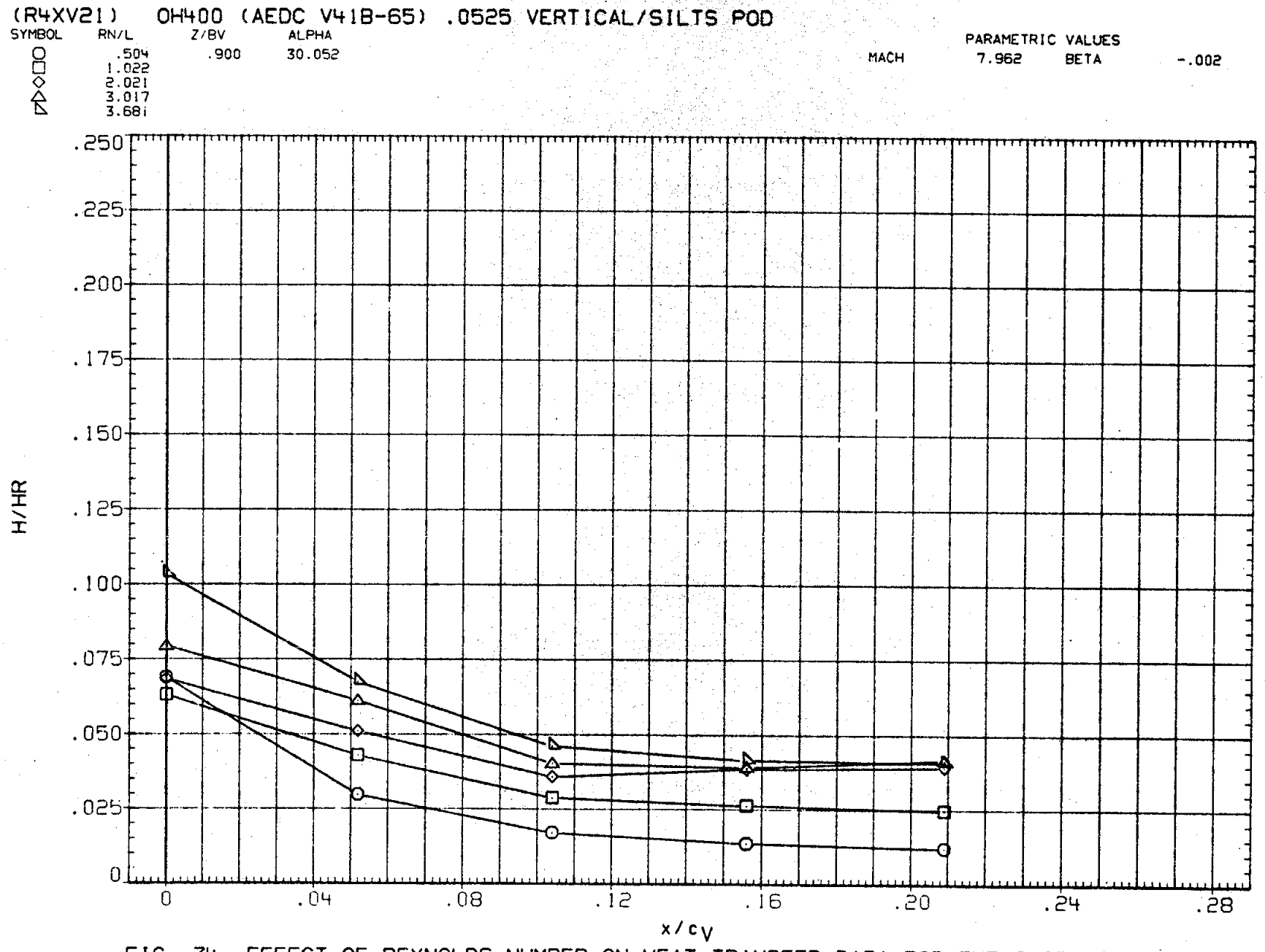


FIG. 34 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV21) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.504	.917	30.052
□	1.022		
◇	2.021		
△	3.017		
◺	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA -.002

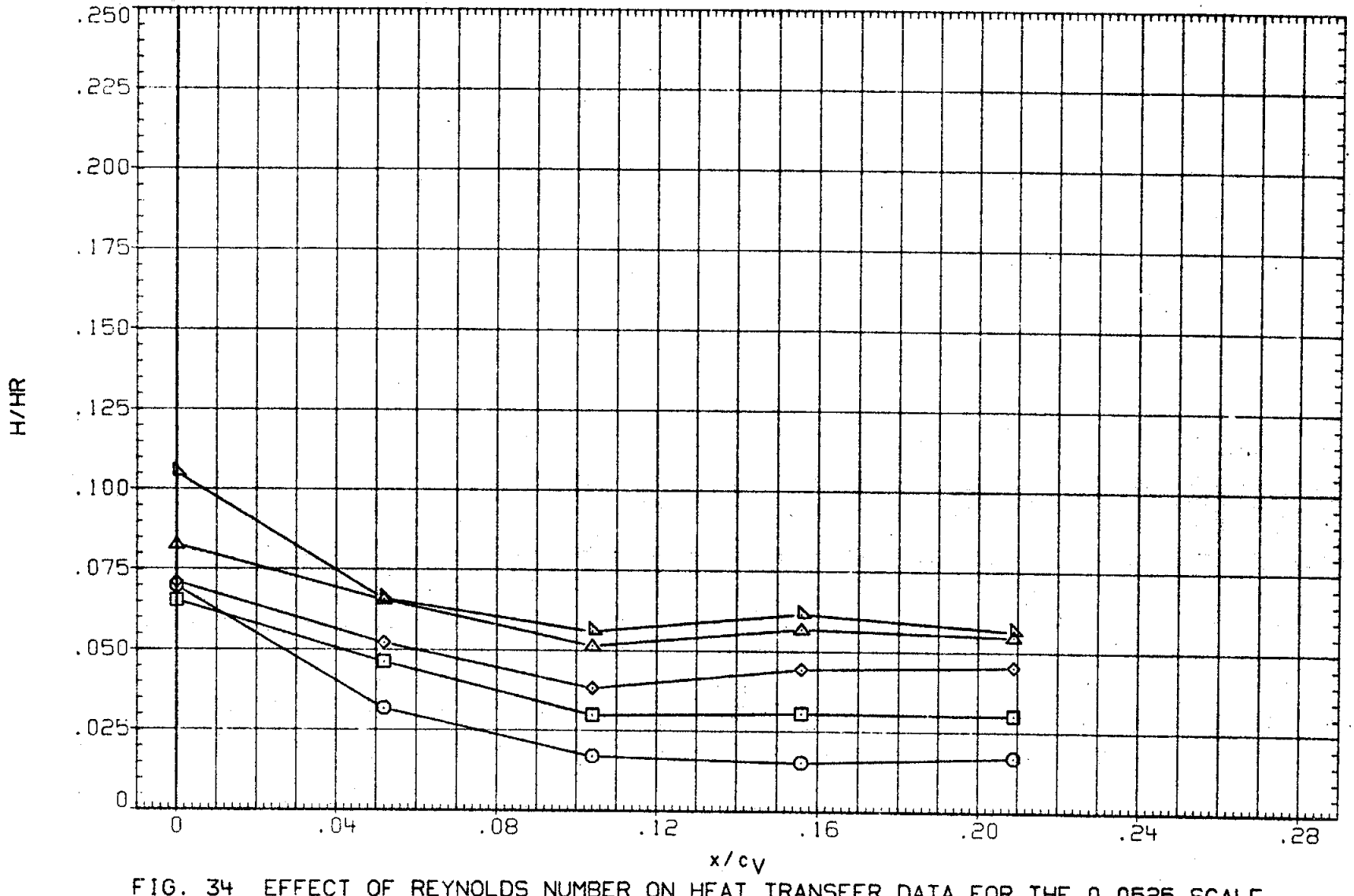


FIG. 34 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

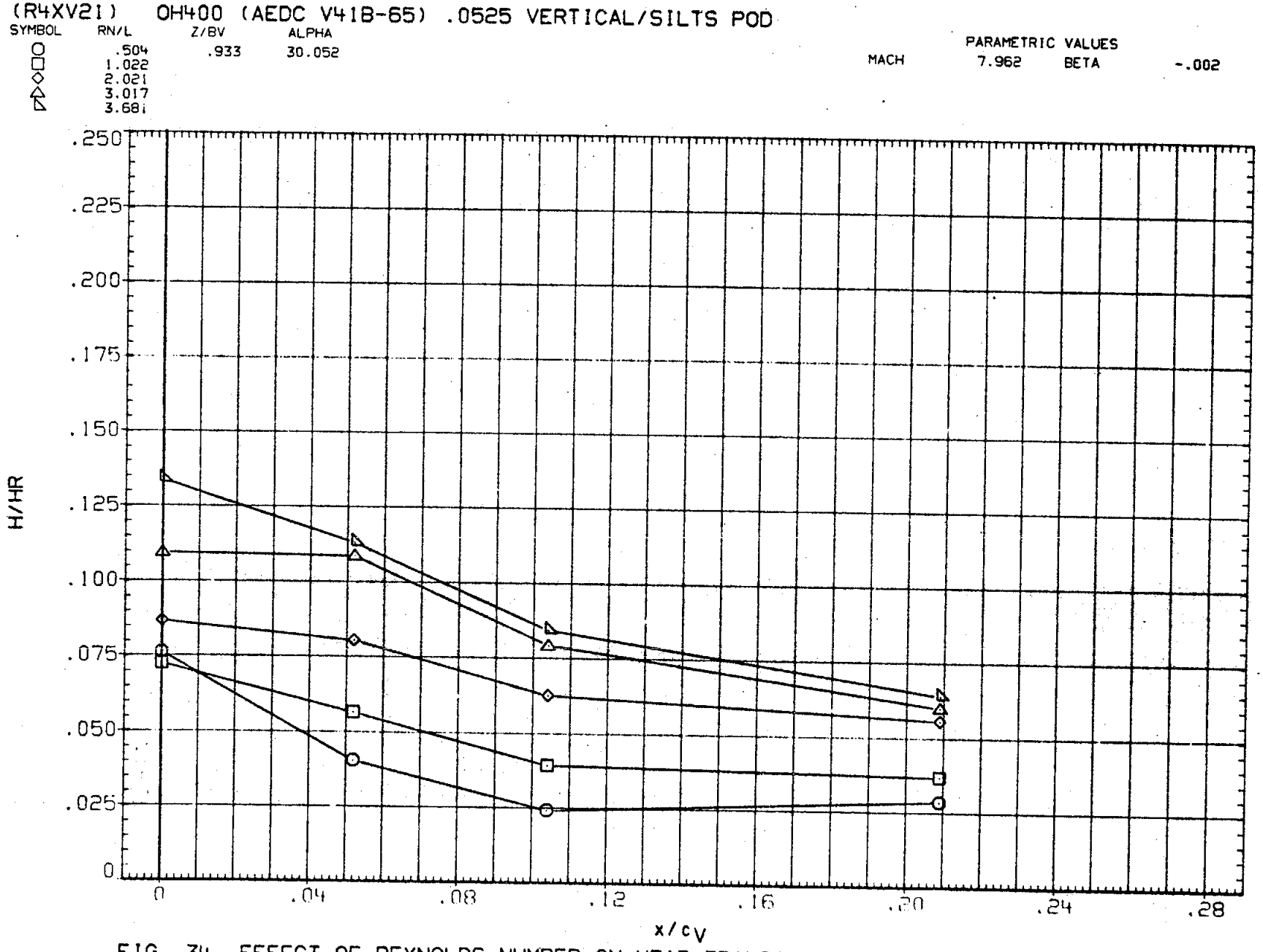


FIG. 34 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV21) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.504	.950	30.052
□	1.022		
◇	2.021		
△	3.017		
◁	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA -.002

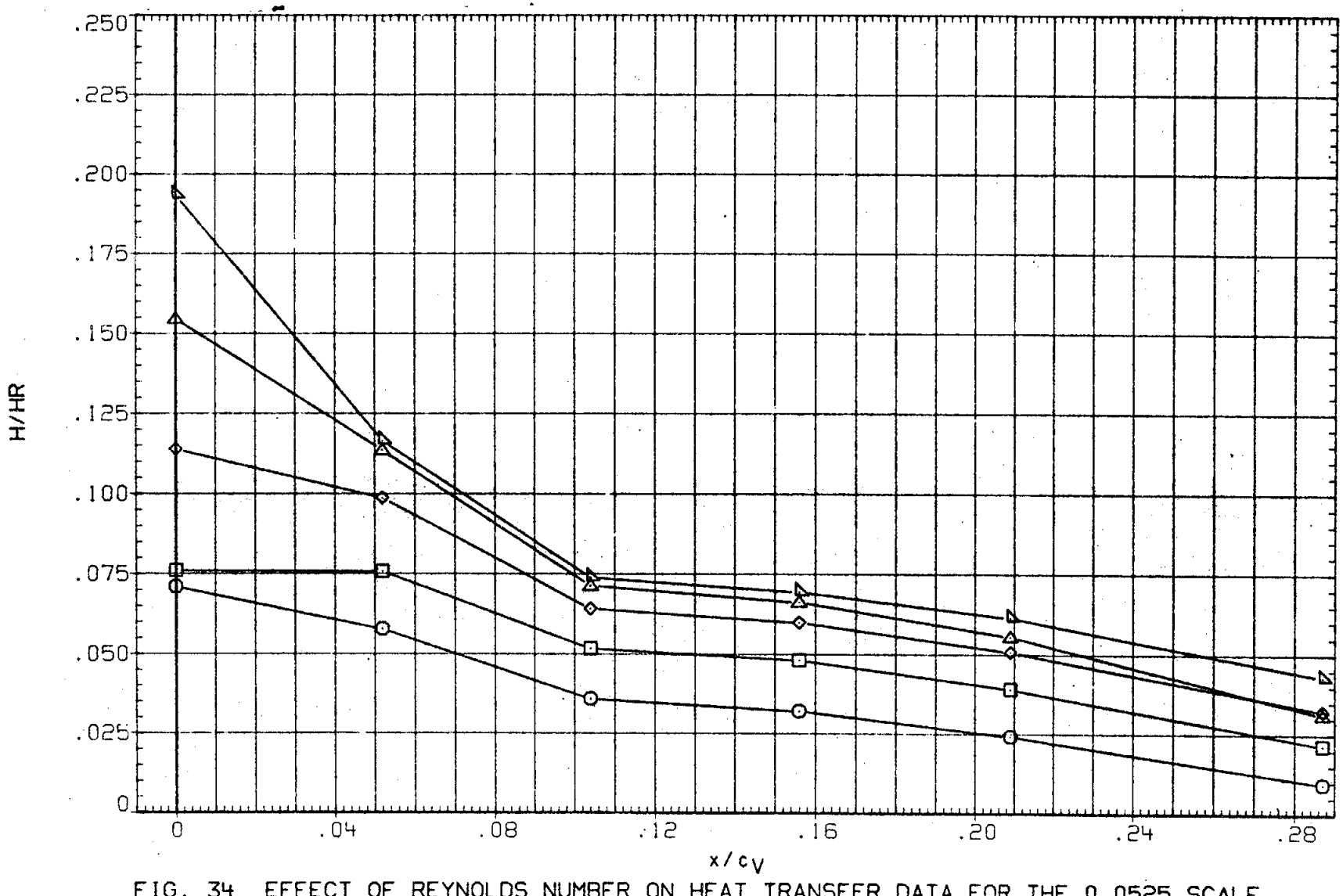


FIG. 34 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV21) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.504	.956	30.052
□	1.022		
◇	2.021		
△	3.017		
◁	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA -.002

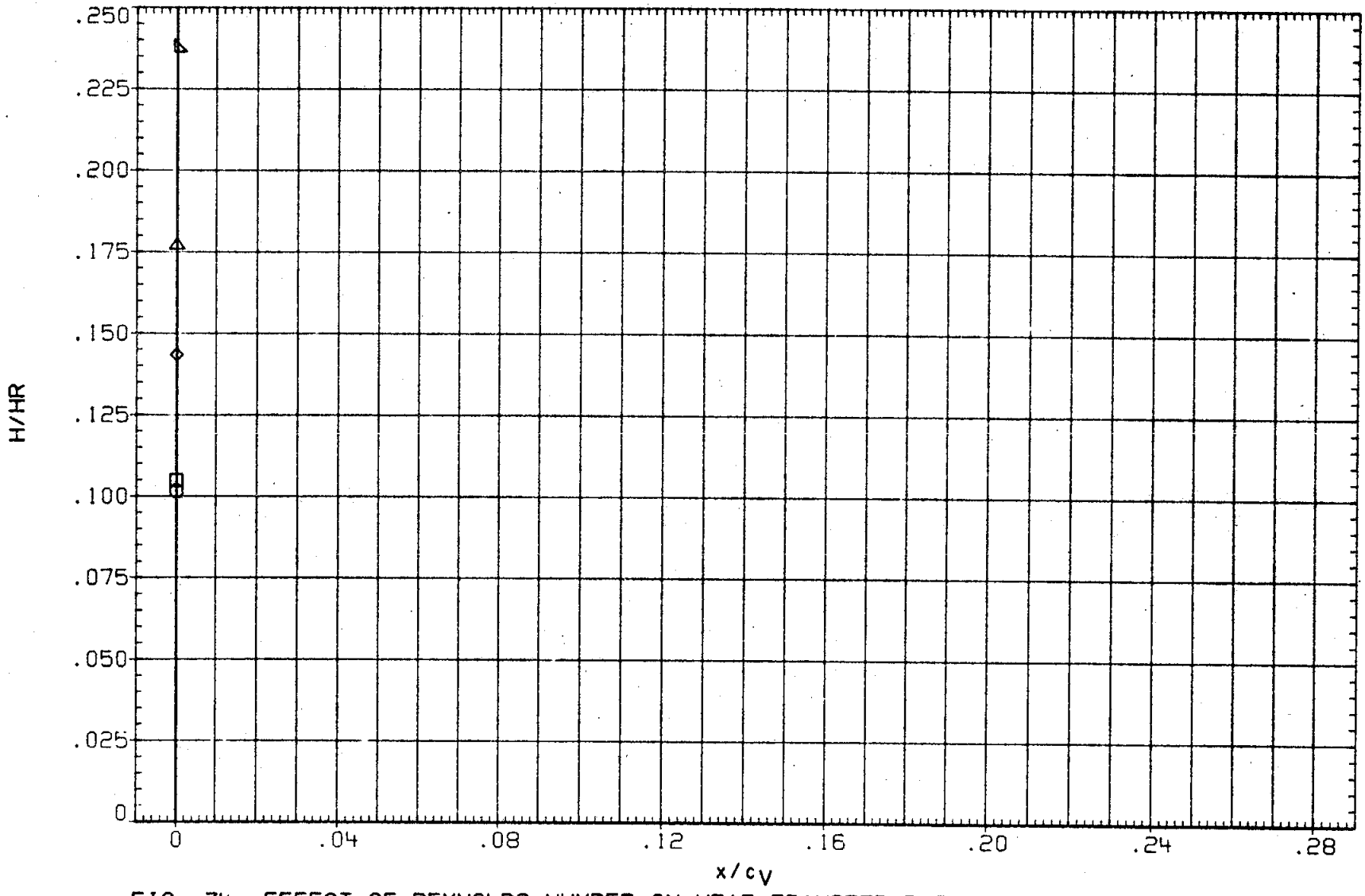


FIG. 34 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV22) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.654	.817	30.164

PARAMETRIC VALUES

MACH 8.000 BETA .005

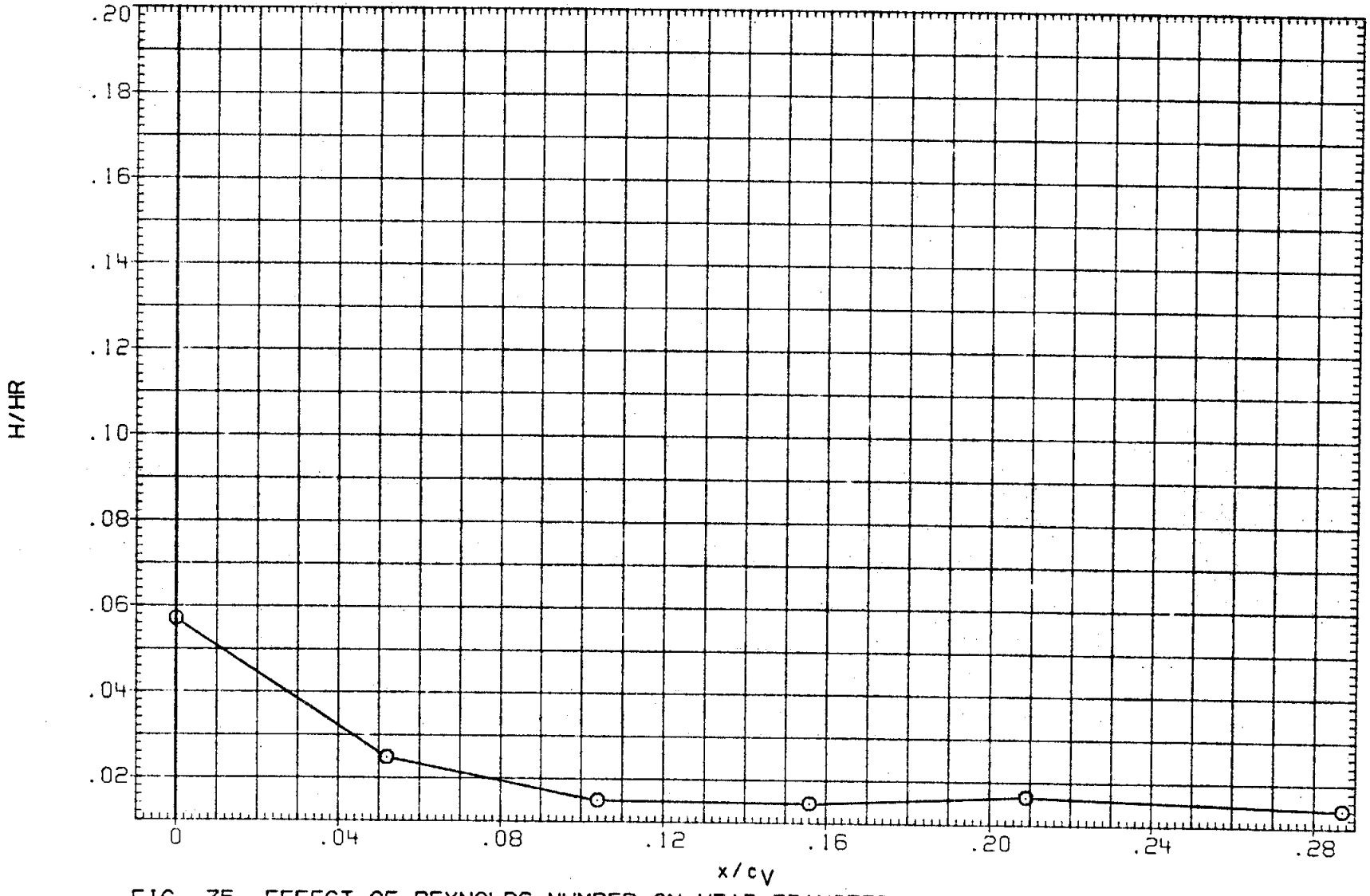


FIG. 35 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV22) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.654	.833	30.164

PARAMETRIC VALUES

MACH 8.000 BETA .005

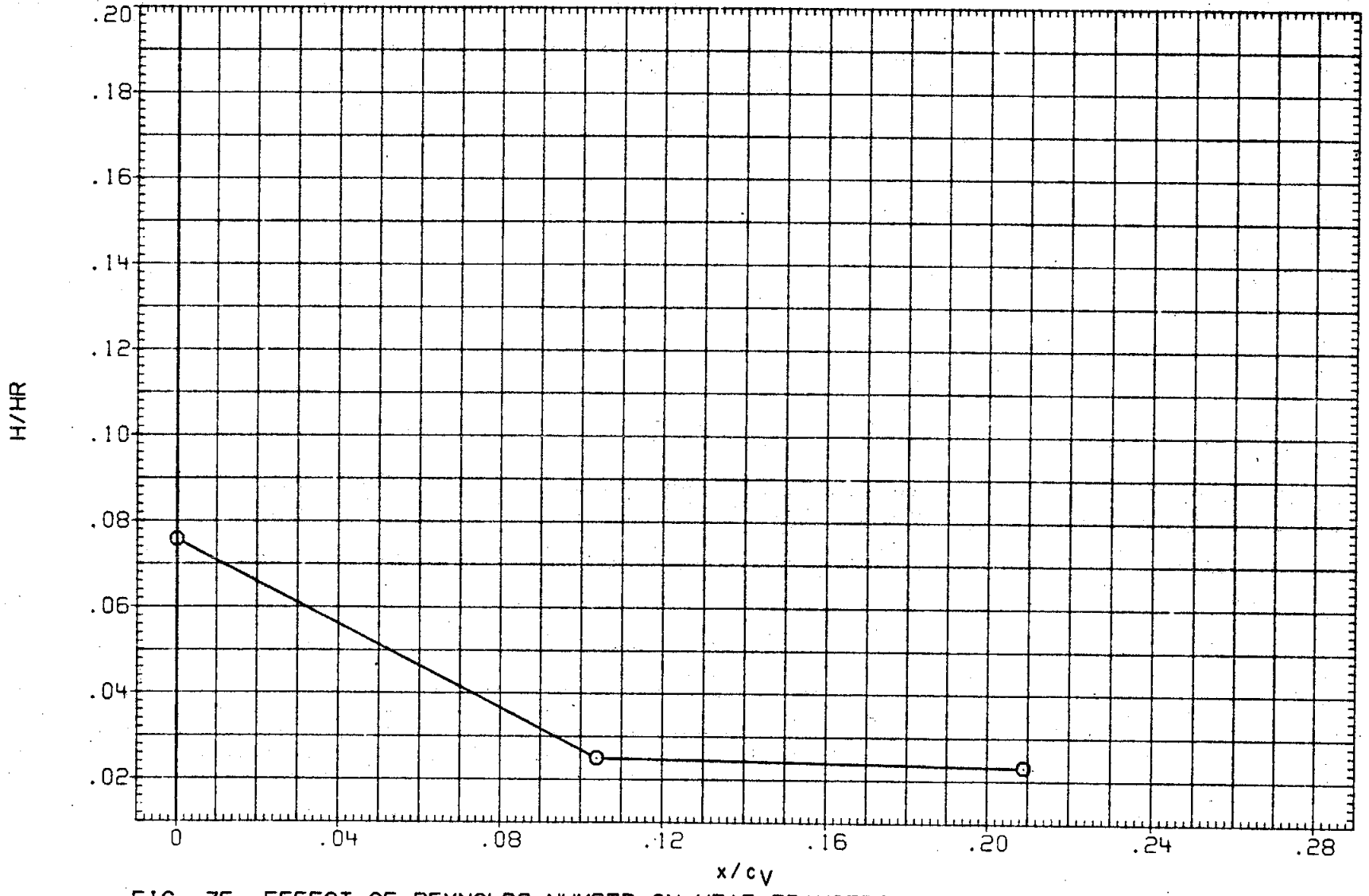


FIG. 35 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV22) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.654	.850	30.164

PARAMETRIC VALUES

MACH 8.000 BETA .005

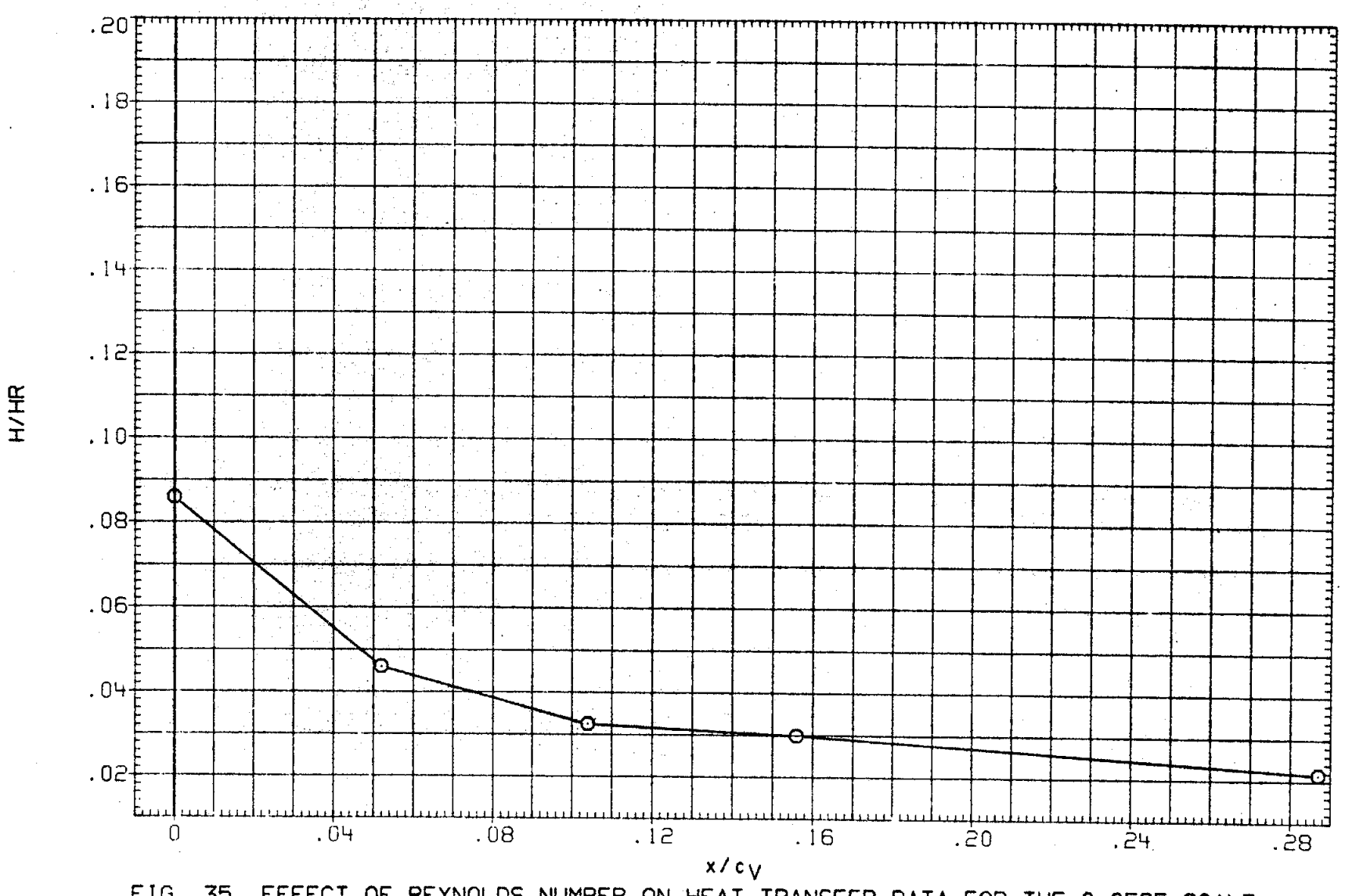


FIG. 35 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV22) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.654	.867	30.164

PARAMETRIC VALUES

MACH 8.000 BETA .005

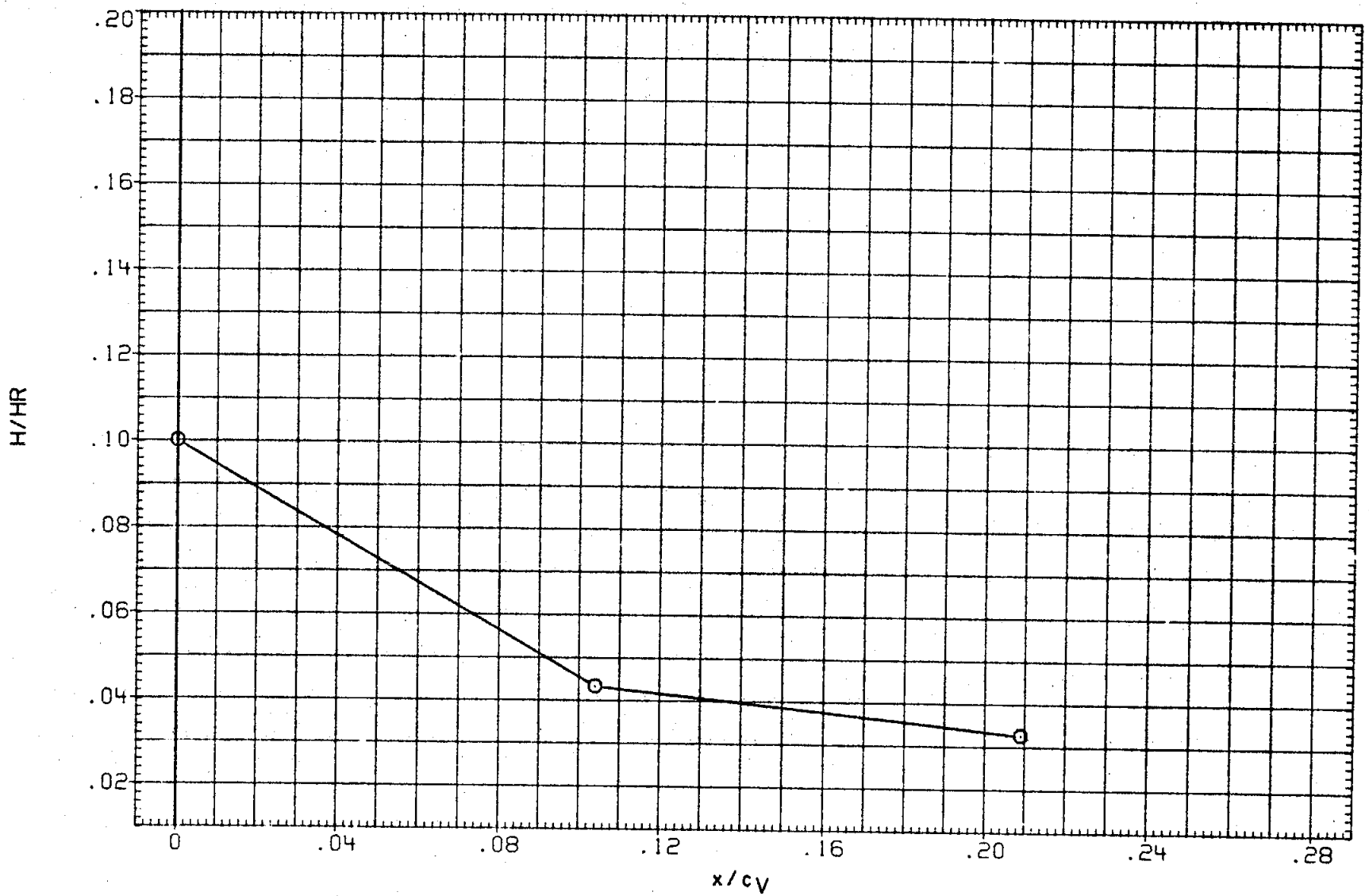


FIG. 35 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV22) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.654	.883	30.164

PARAMETRIC VALUES

MACH 8.000 BETA .005

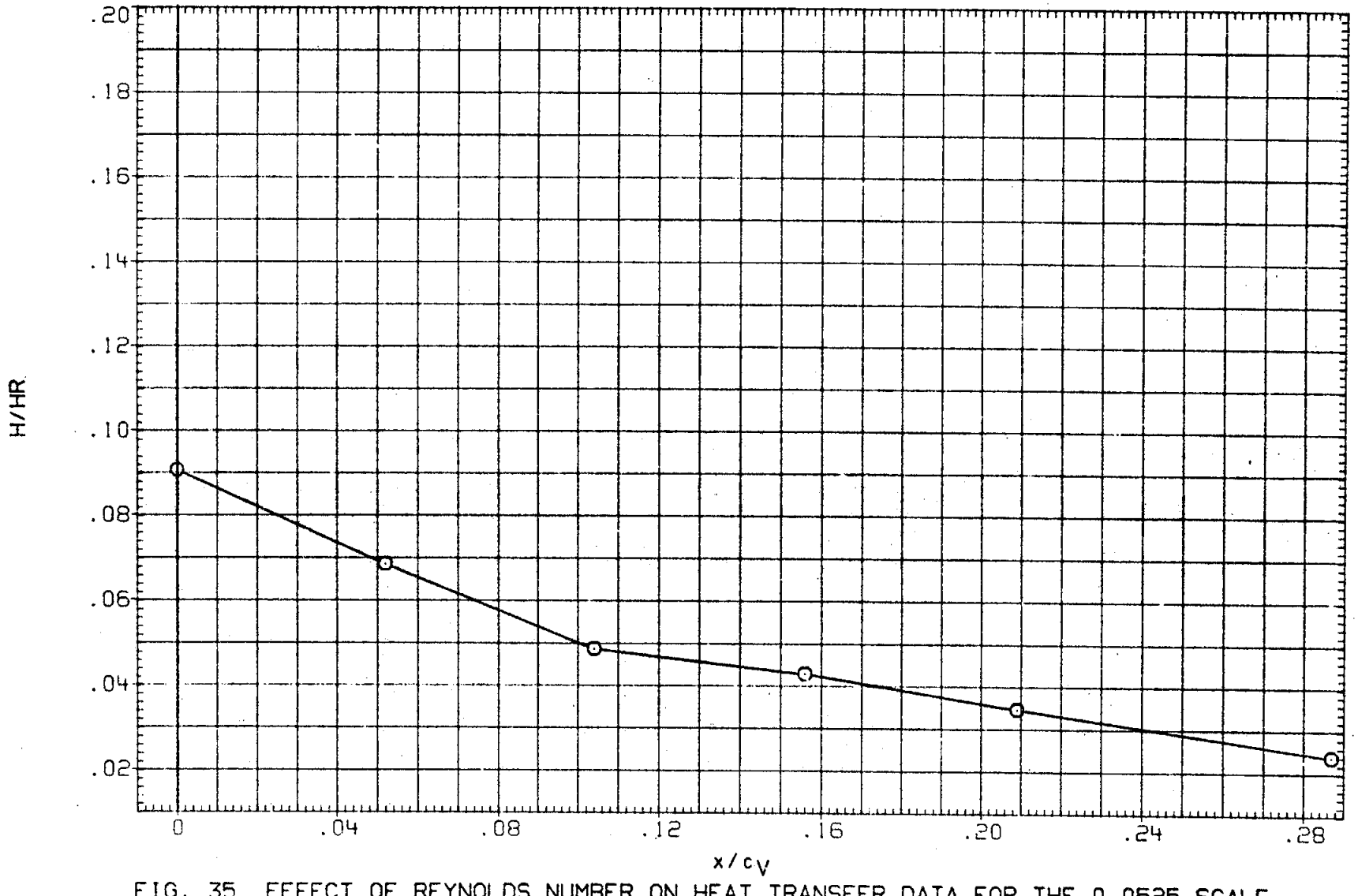


FIG. 35 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV22) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.654	.900	30.164

PARAMETRIC VALUES

MACH 8.000 BETA .005

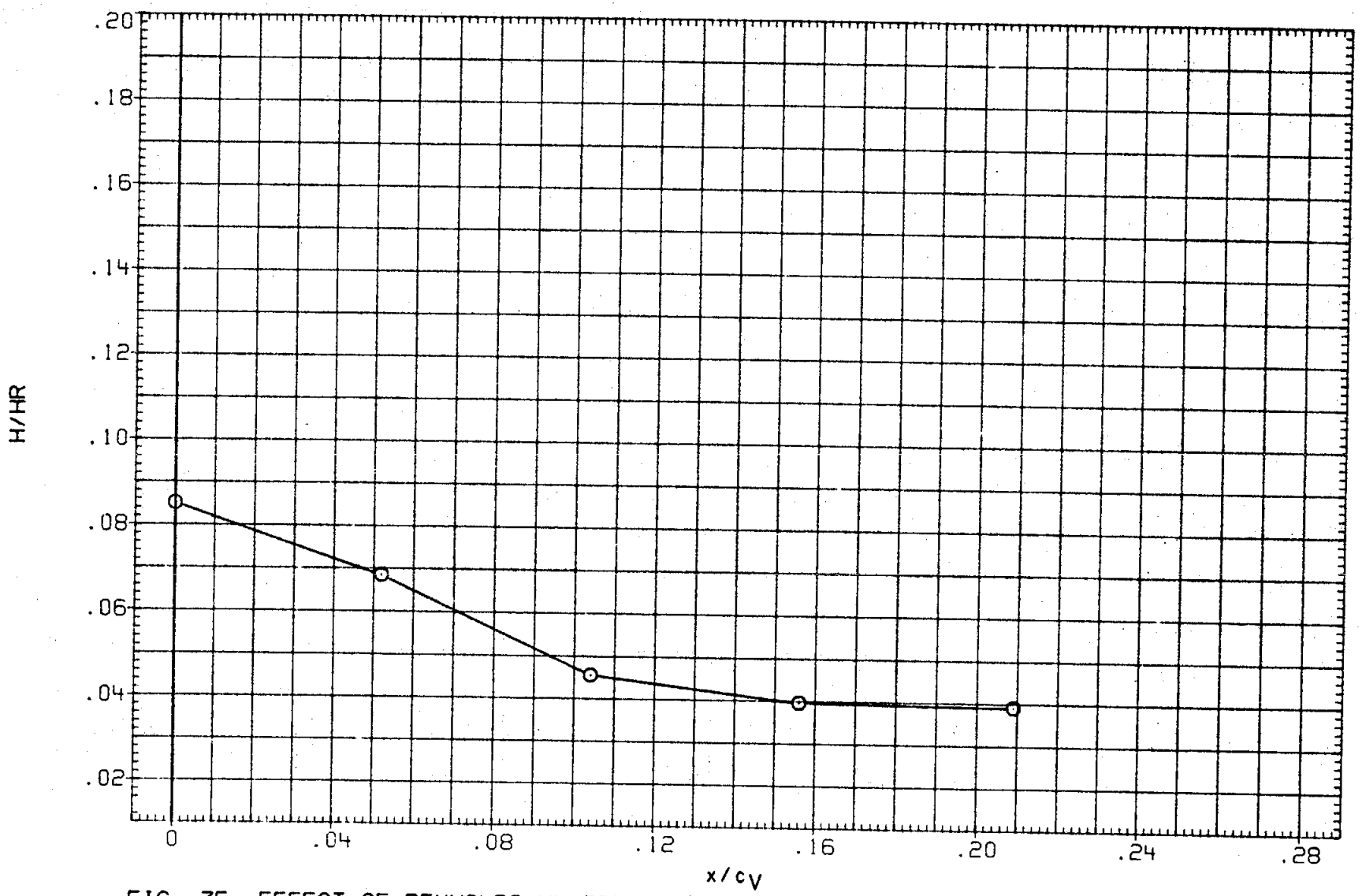


FIG. 35 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV22) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	3.654	.917	30.164

PARAMETRIC VALUES

MACH 8.000 BETA .005

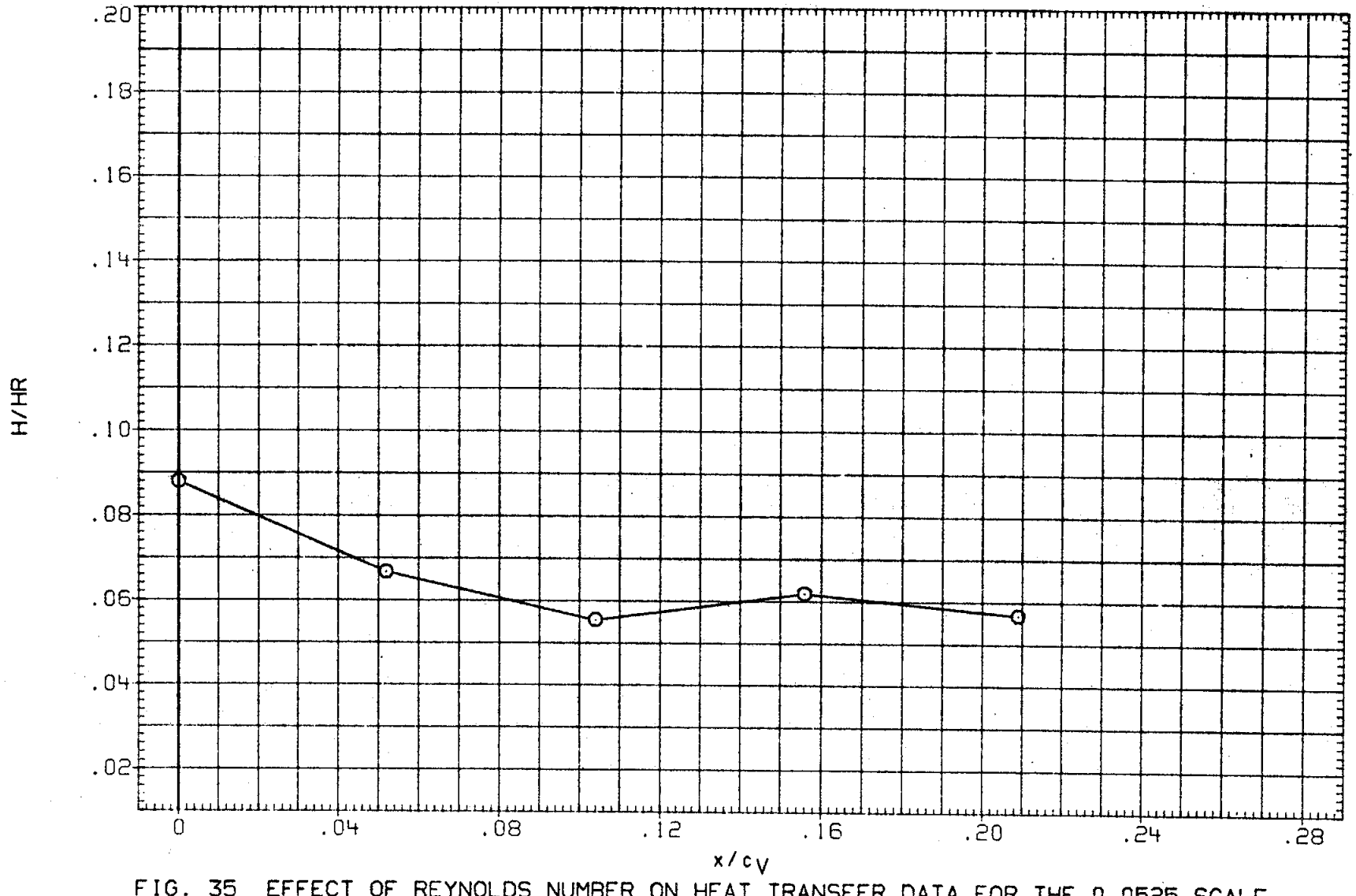


FIG. 35 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV22) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.654	.933	30.164

PARAMETRIC VALUES

MACH 8.000 BETA .005

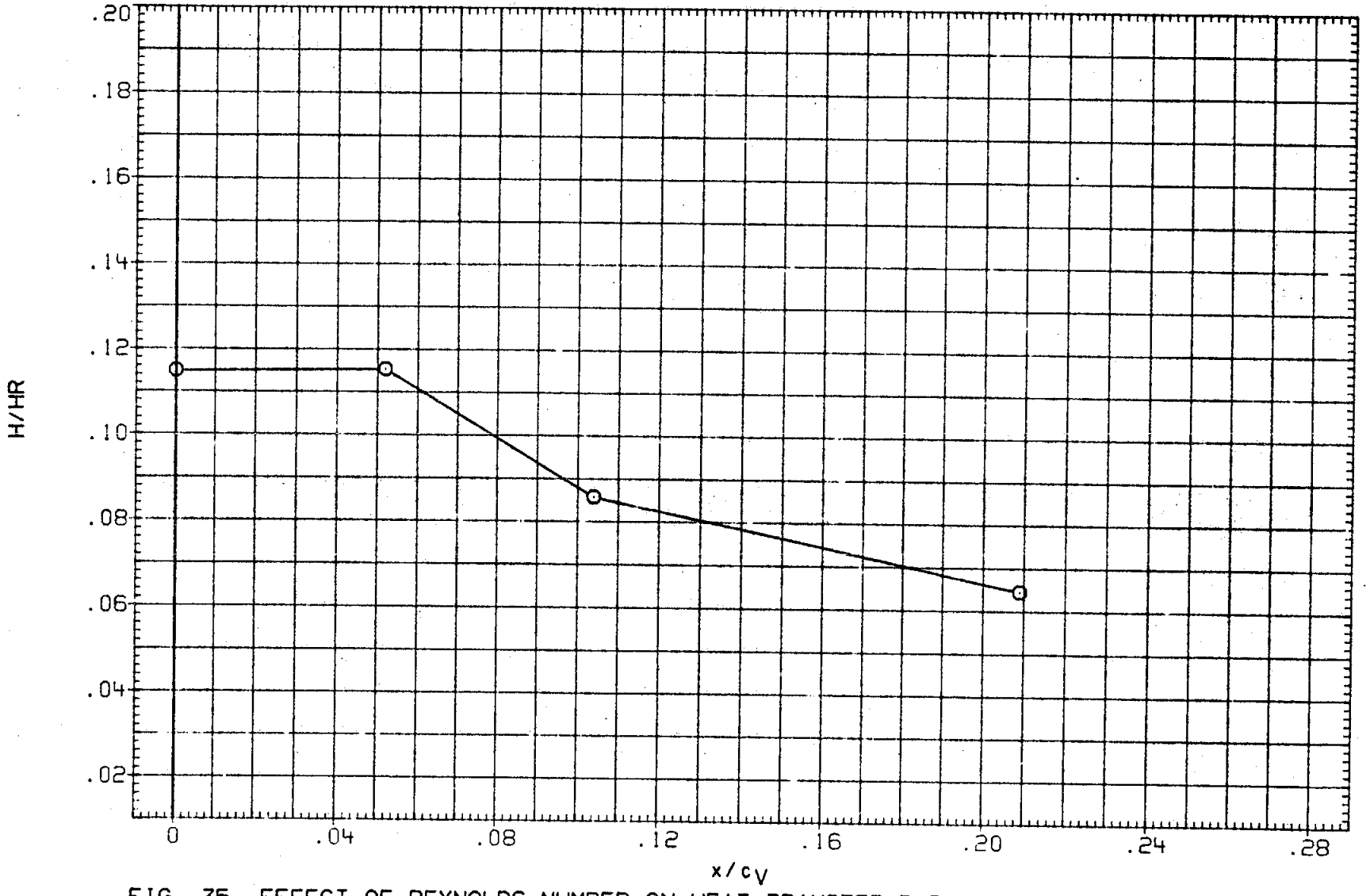


FIG. 35 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV22) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.654	.950	30.164

PARAMETRIC VALUES

MACH 8.000 BETA .005

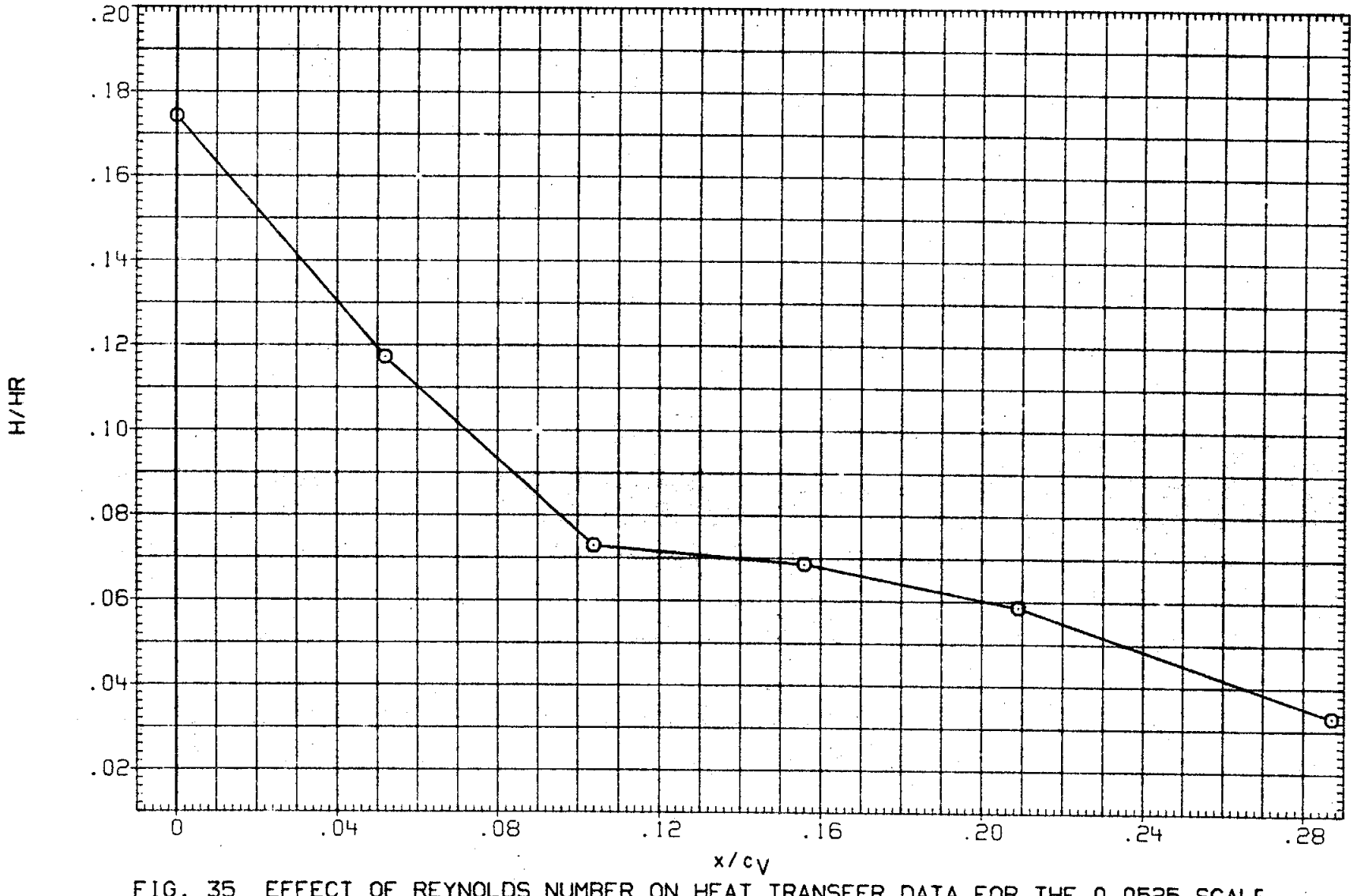


FIG. 35 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV22) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
O	3.654	.956	30.164

PARAMETRIC VALUES

MACH 8.000 BETA .005

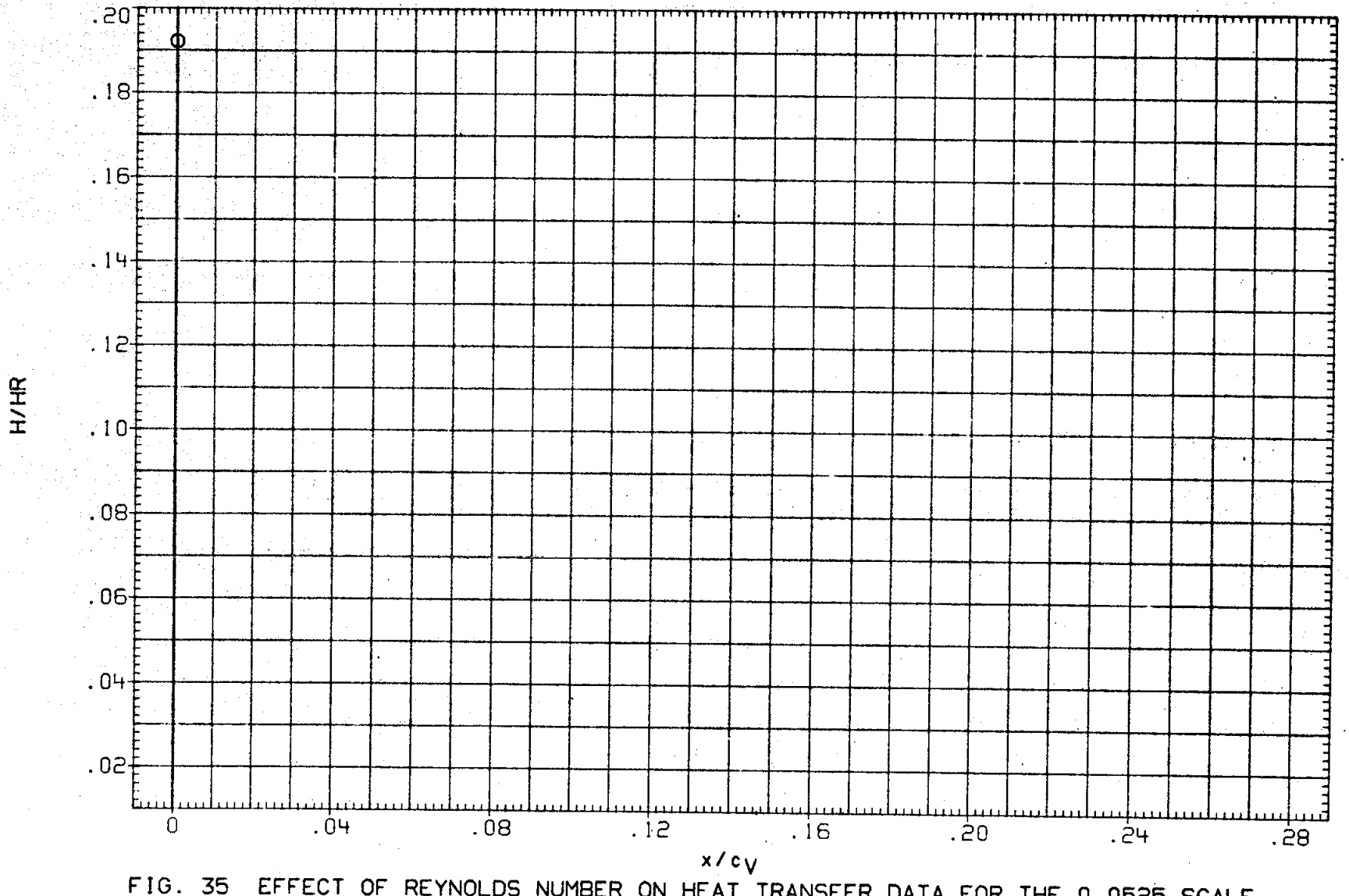


FIG. 35 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 30.0

(R4XV23) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.510	.817	35.024
□	1.030		
◇	1.988		
△	3.008		
◺	3.692		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

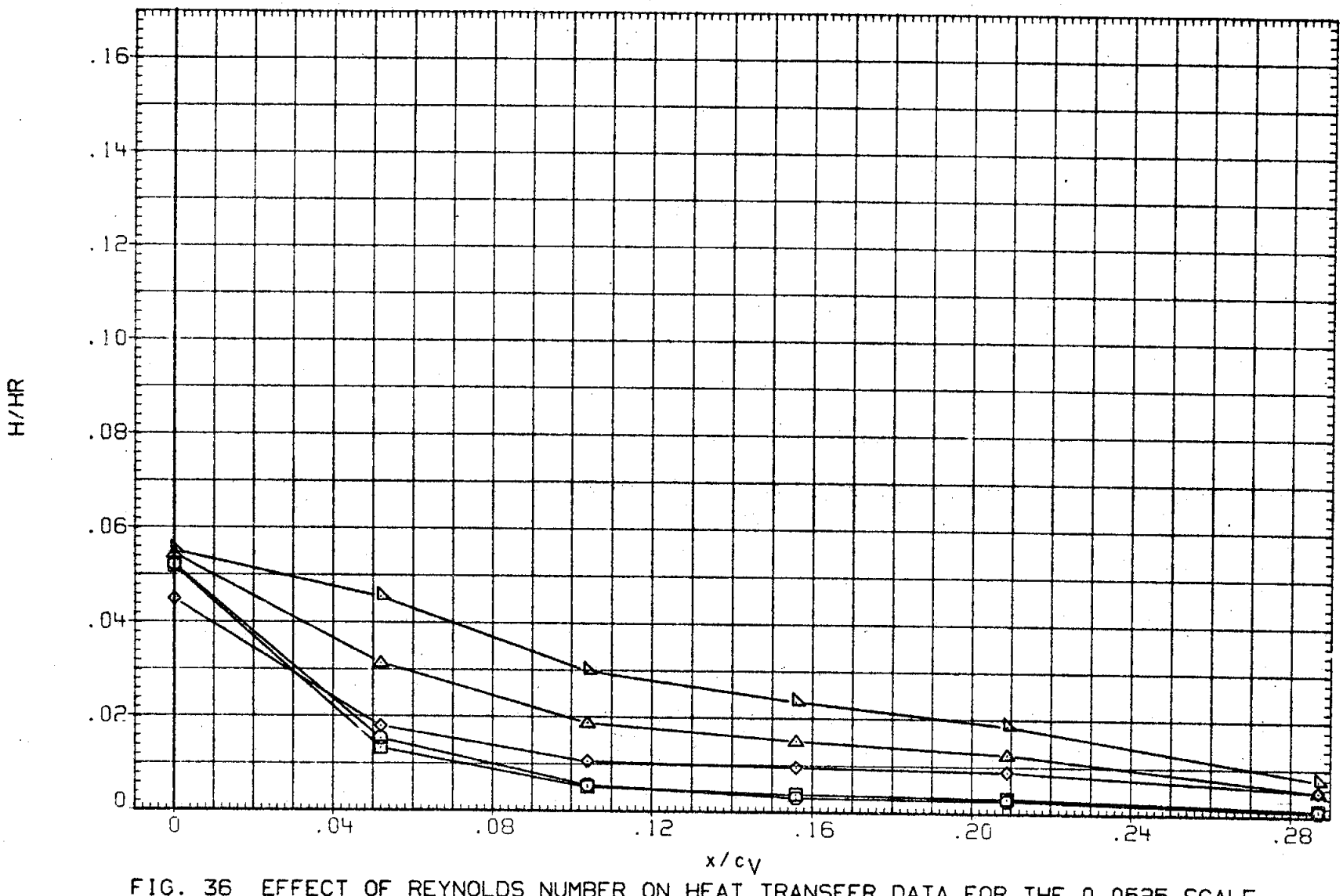


FIG. 36 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

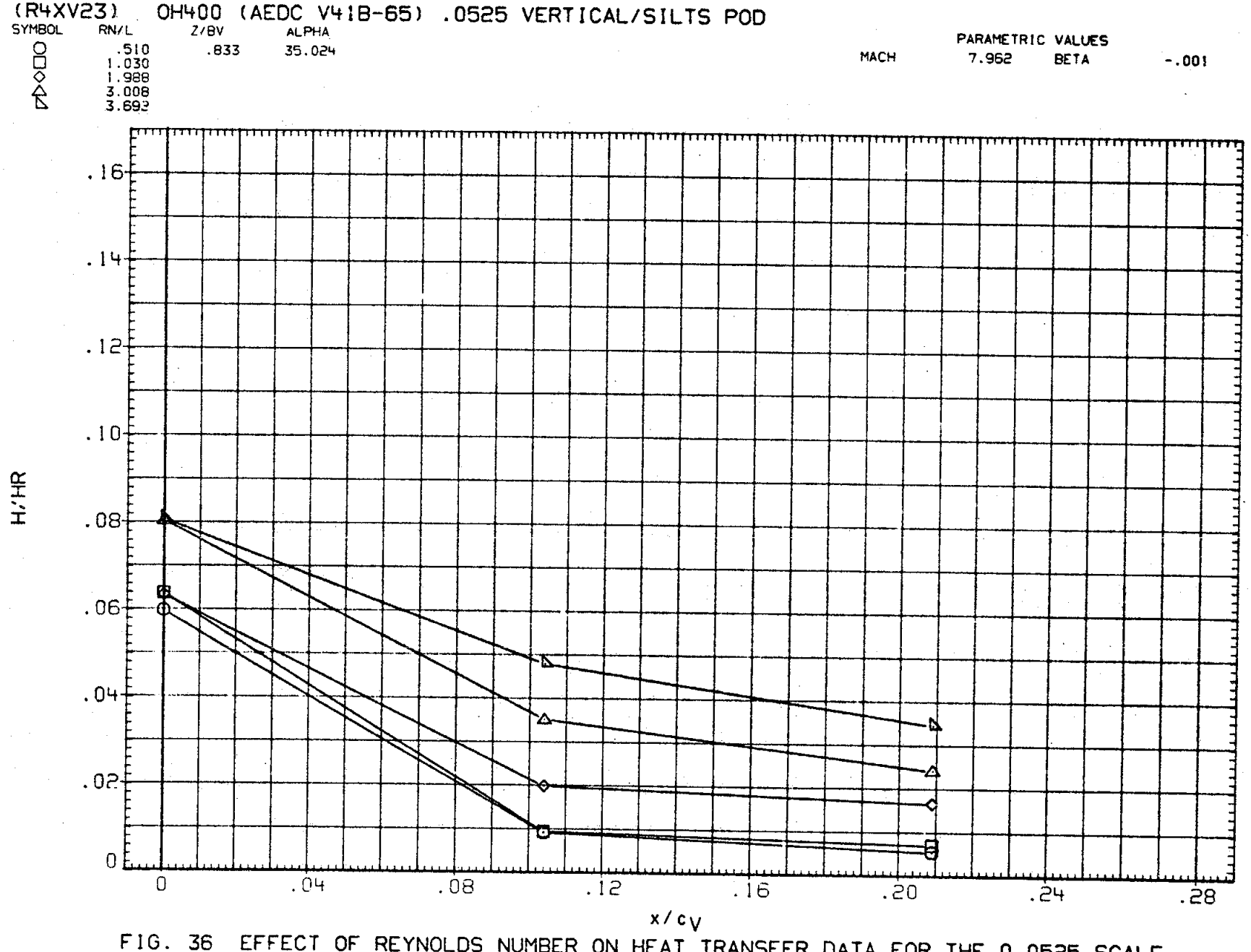


FIG. 36 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV23) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.510	.850	35.024
□	1.030		
◇	1.988		
△	3.008		
◺	3.692		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

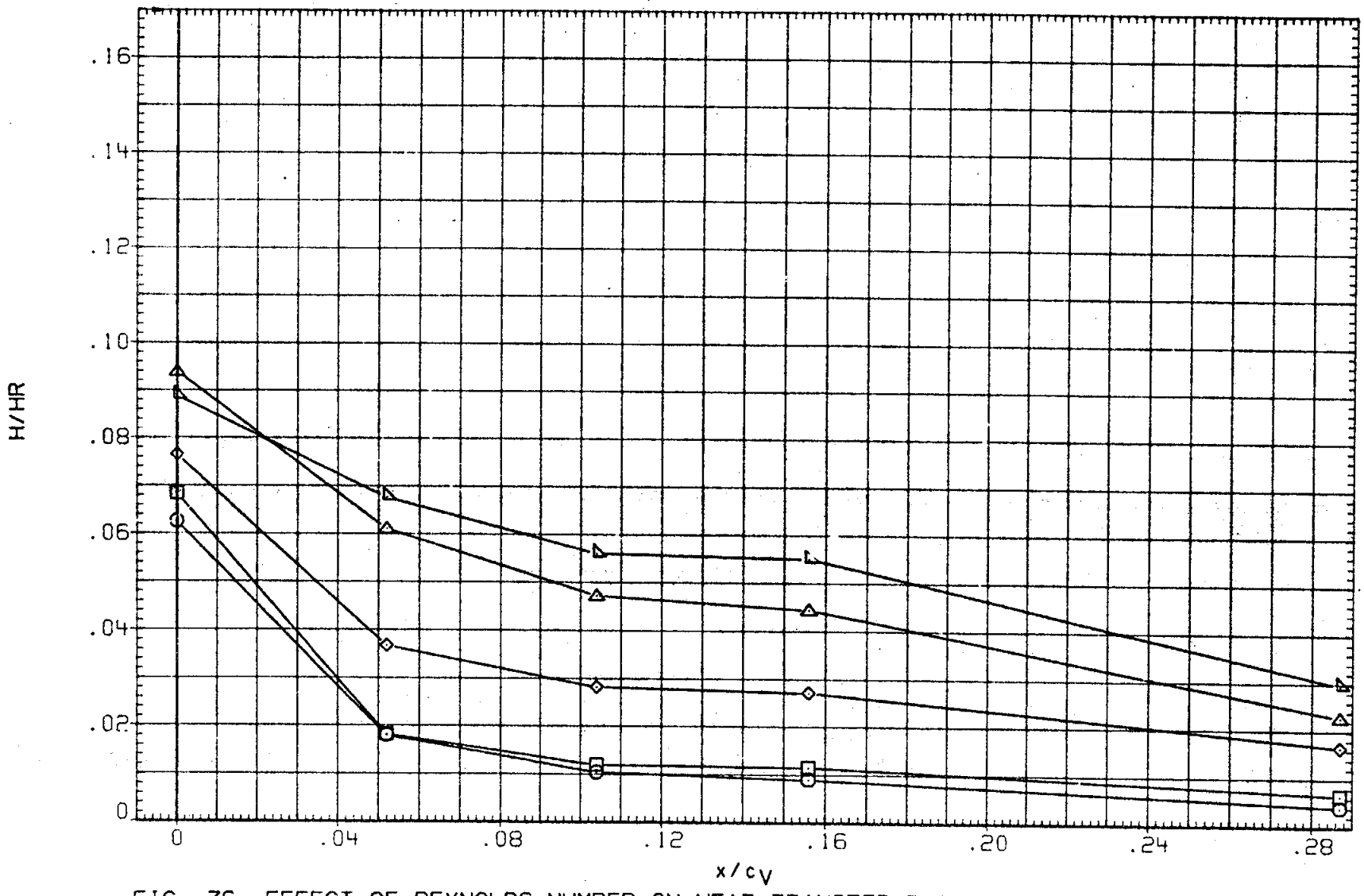


FIG. 36 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

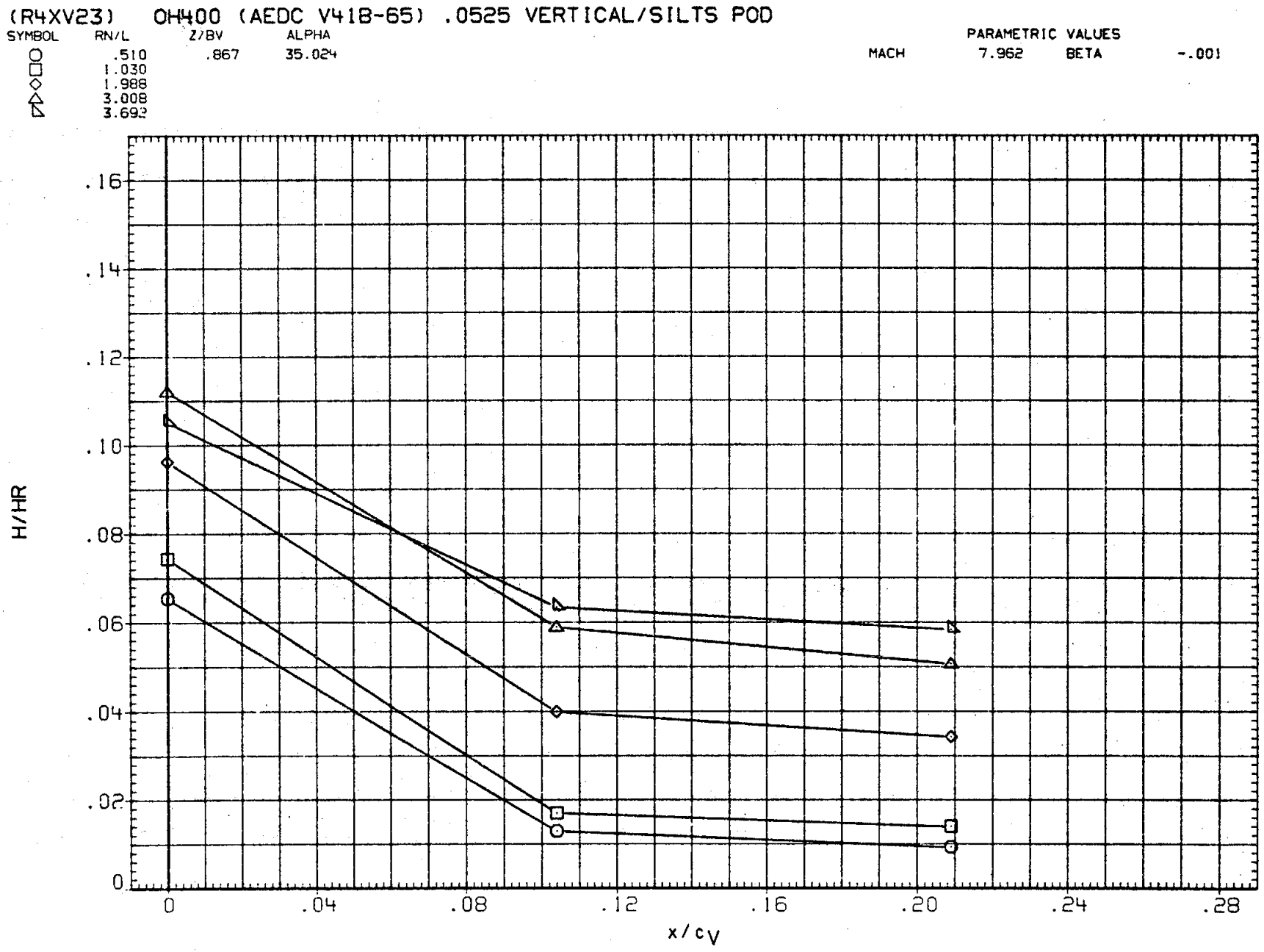


FIG. 36 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV23) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.510	.883	35.024
□	1.030		
◇	1.988		
△	3.008		
◺	3.692		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

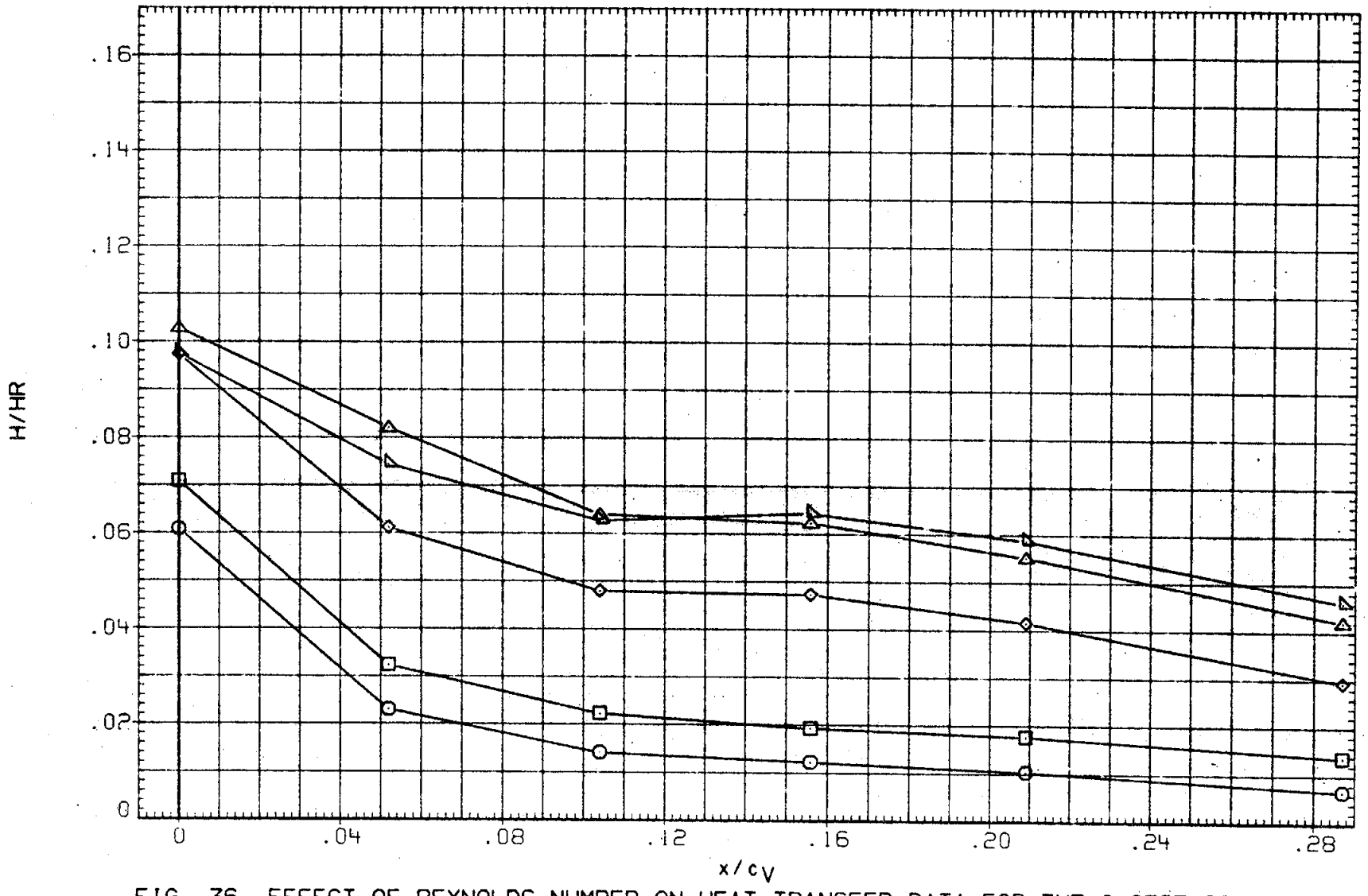


FIG. 36 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

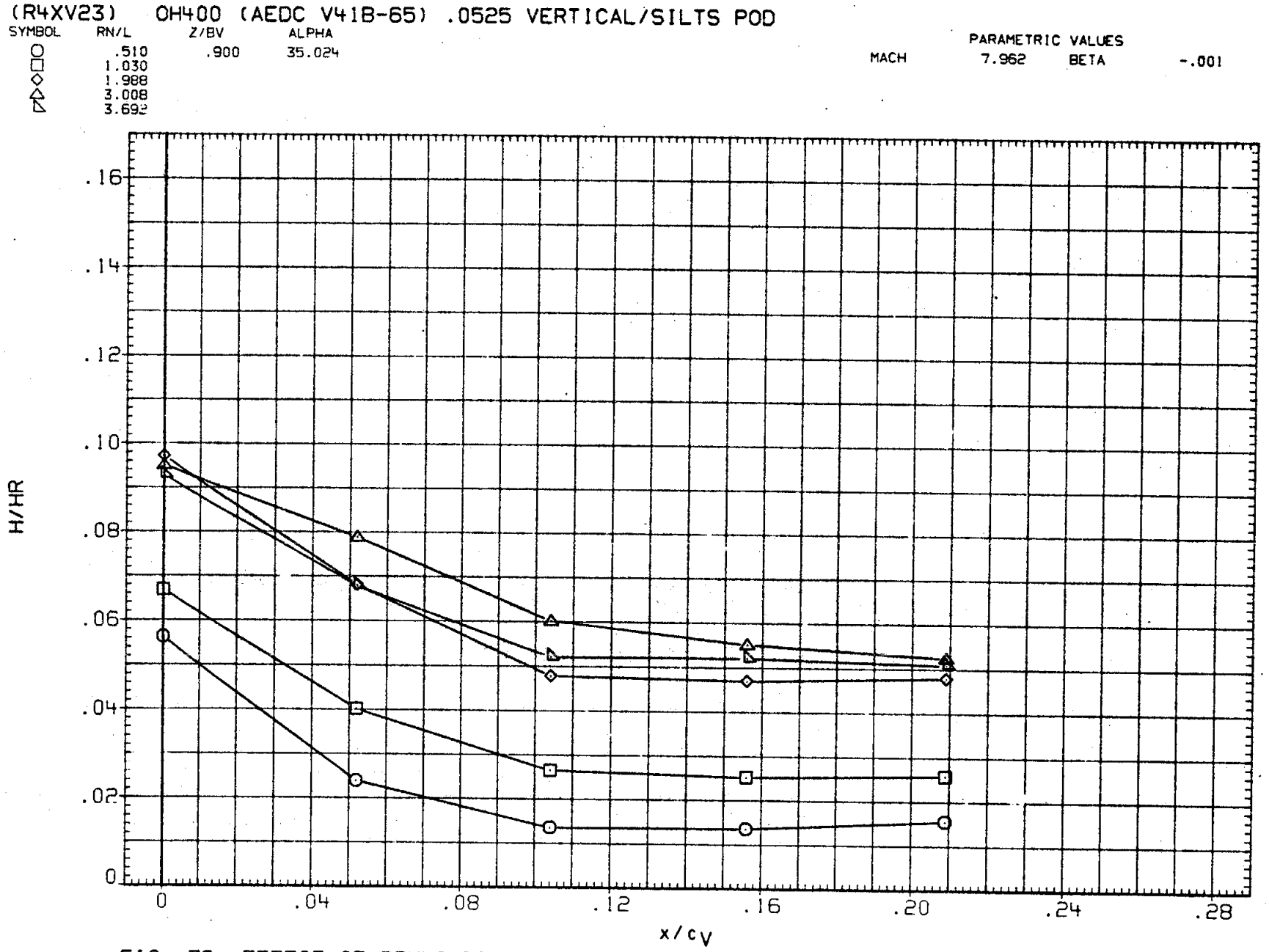


FIG. 36 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV23) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.510	.917	35.024
□	1.030		
◇	1.988		
△	3.008		
▷	3.692		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

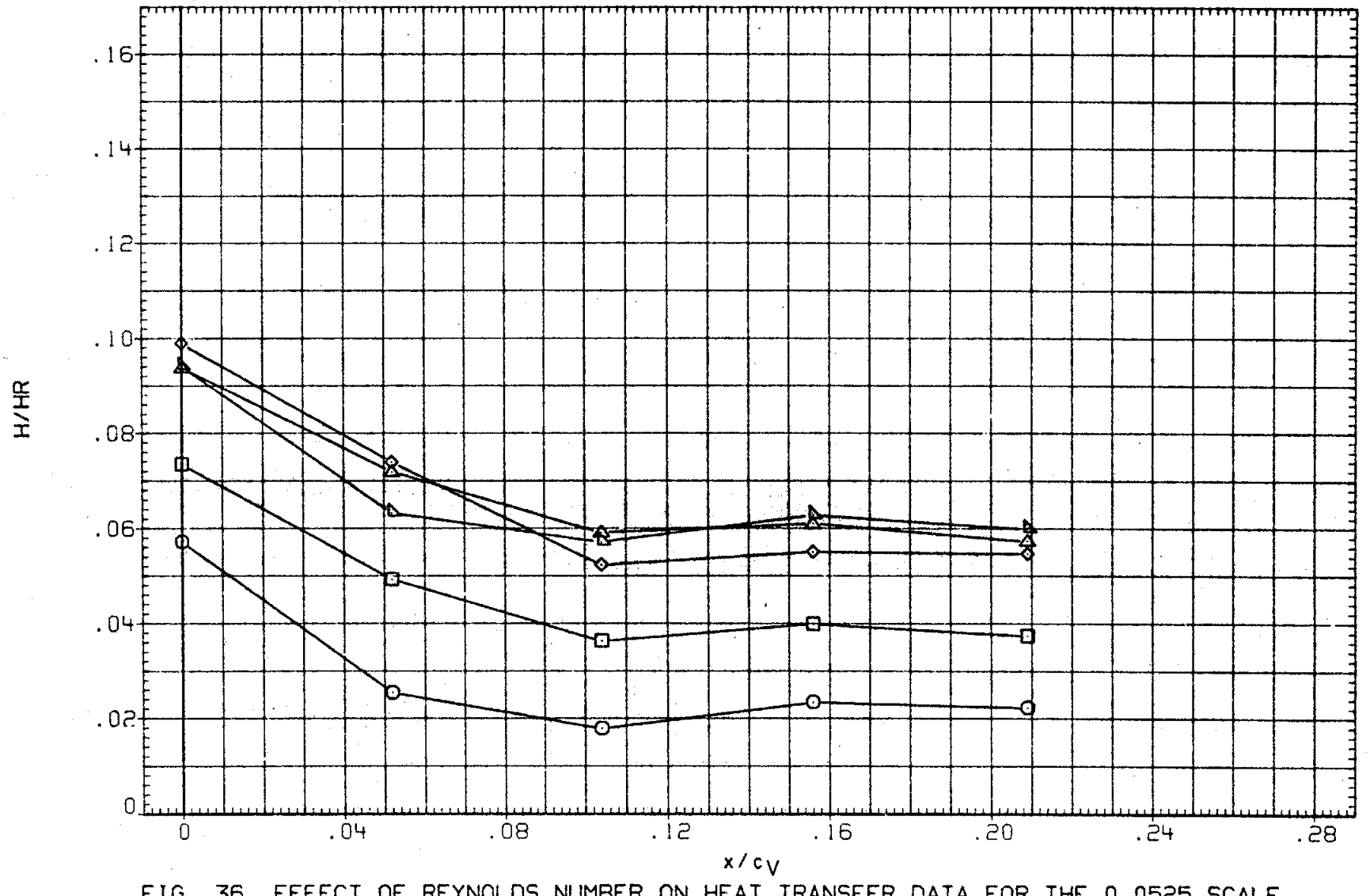


FIG. 36 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV23) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.510	.933	35.024
□	1.030		
◇	1.988		
△	3.008		
◺	3.692		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

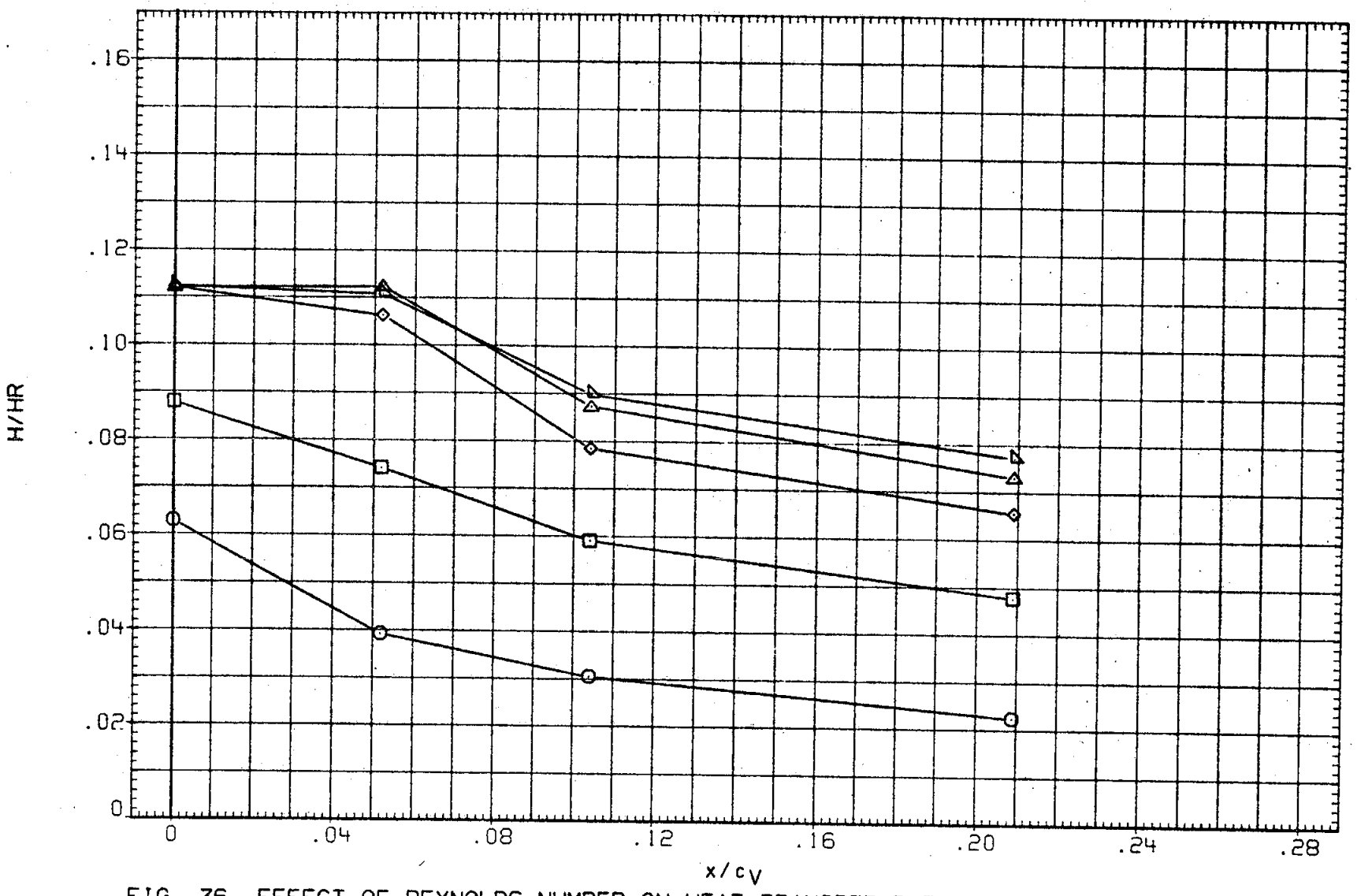


FIG. 36 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV23) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.510	.950	35.024
□	1.030		
◇	1.988		
△	3.008		
◁	3.692		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

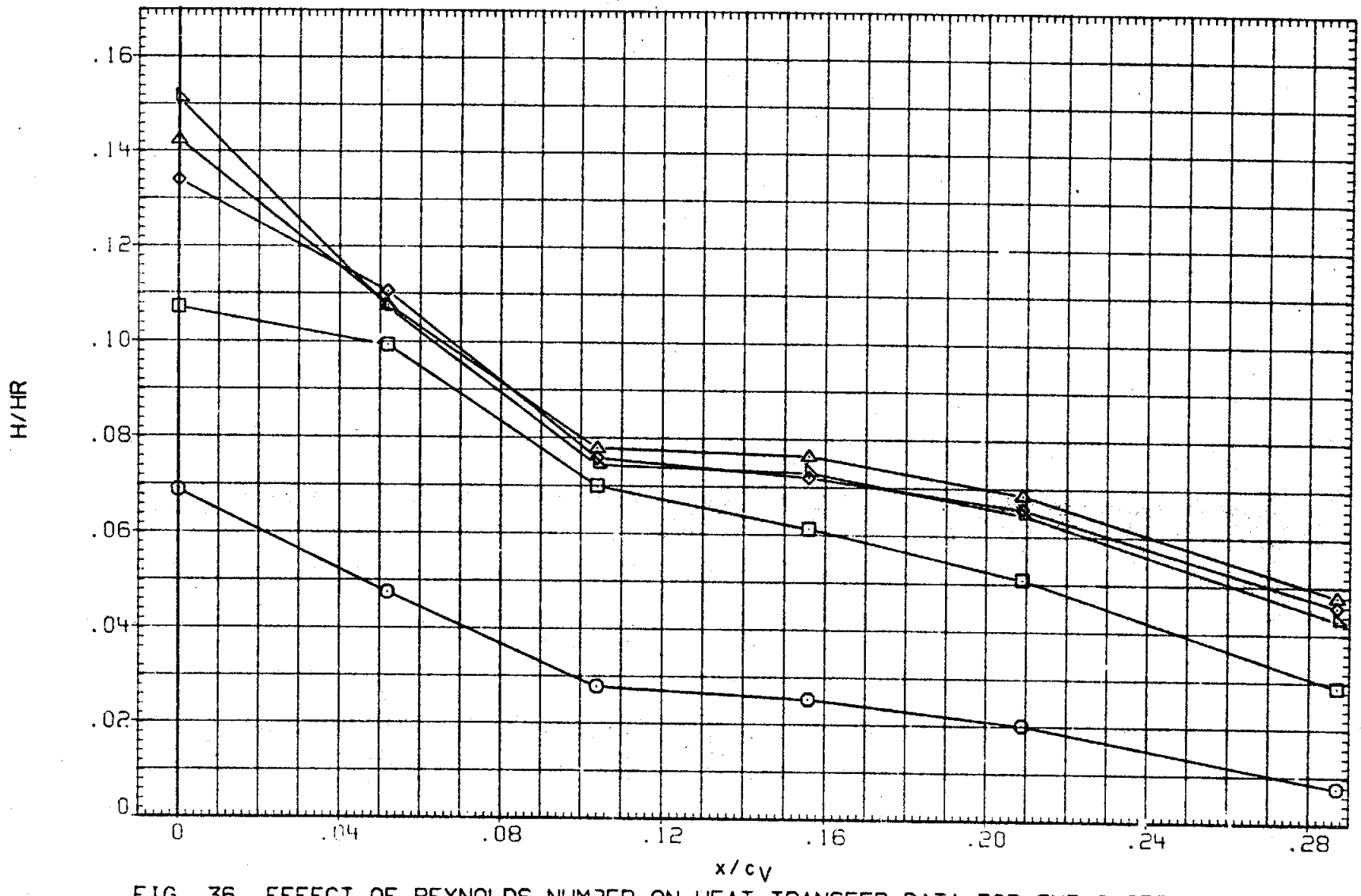


FIG. 36 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV23) DH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.510	.956	35.024
□	1.030		
◇	1.988		
△	3.008		
▷	3.692		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

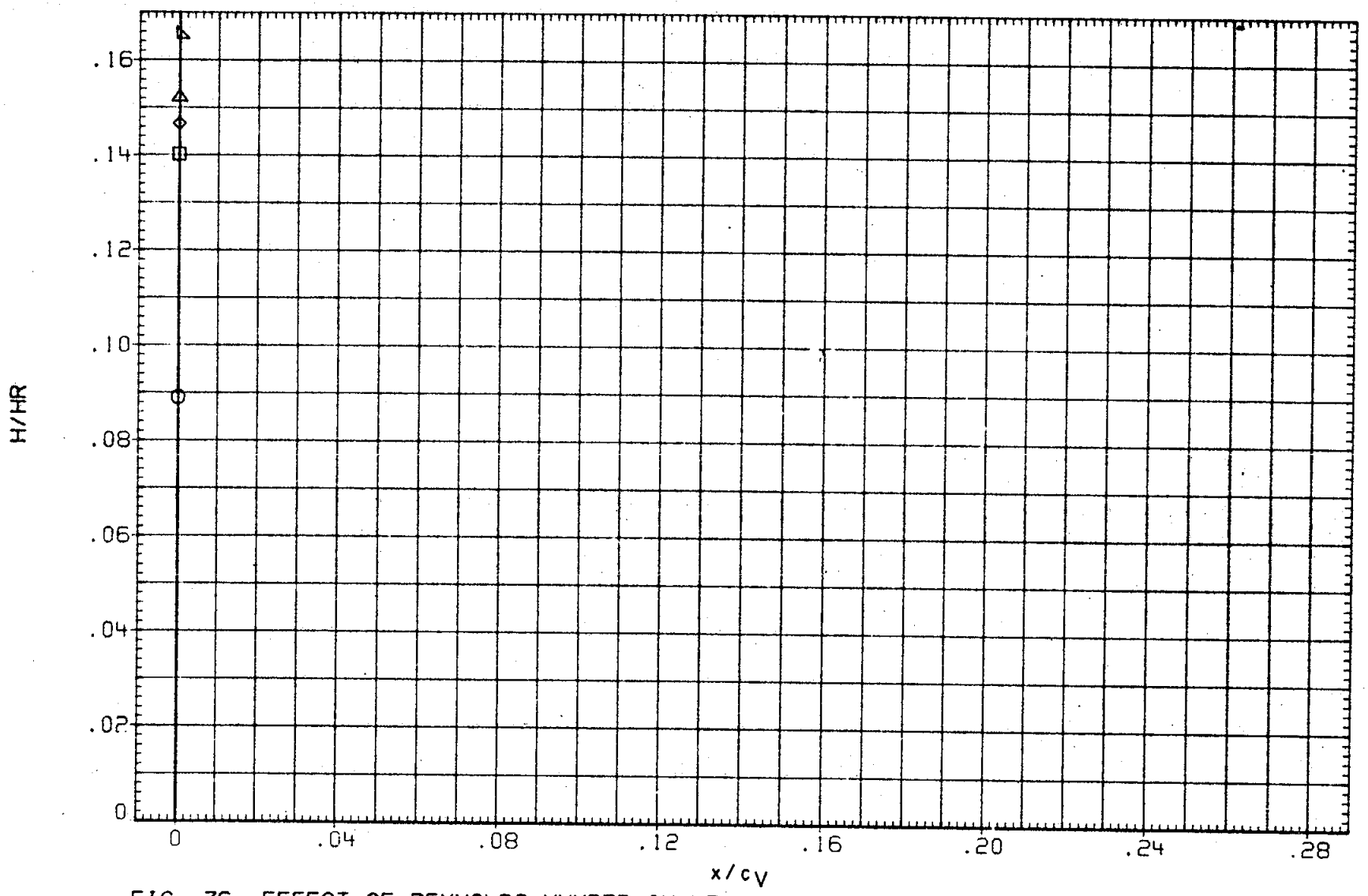


FIG. 36 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 35.0

(R4XV24) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.510	.817	40.008
□	1.027		
◇	1.998		
△	3.009		
◺	3.665		

PARAMETRIC VALUES

MACH 7.962 BETA .002

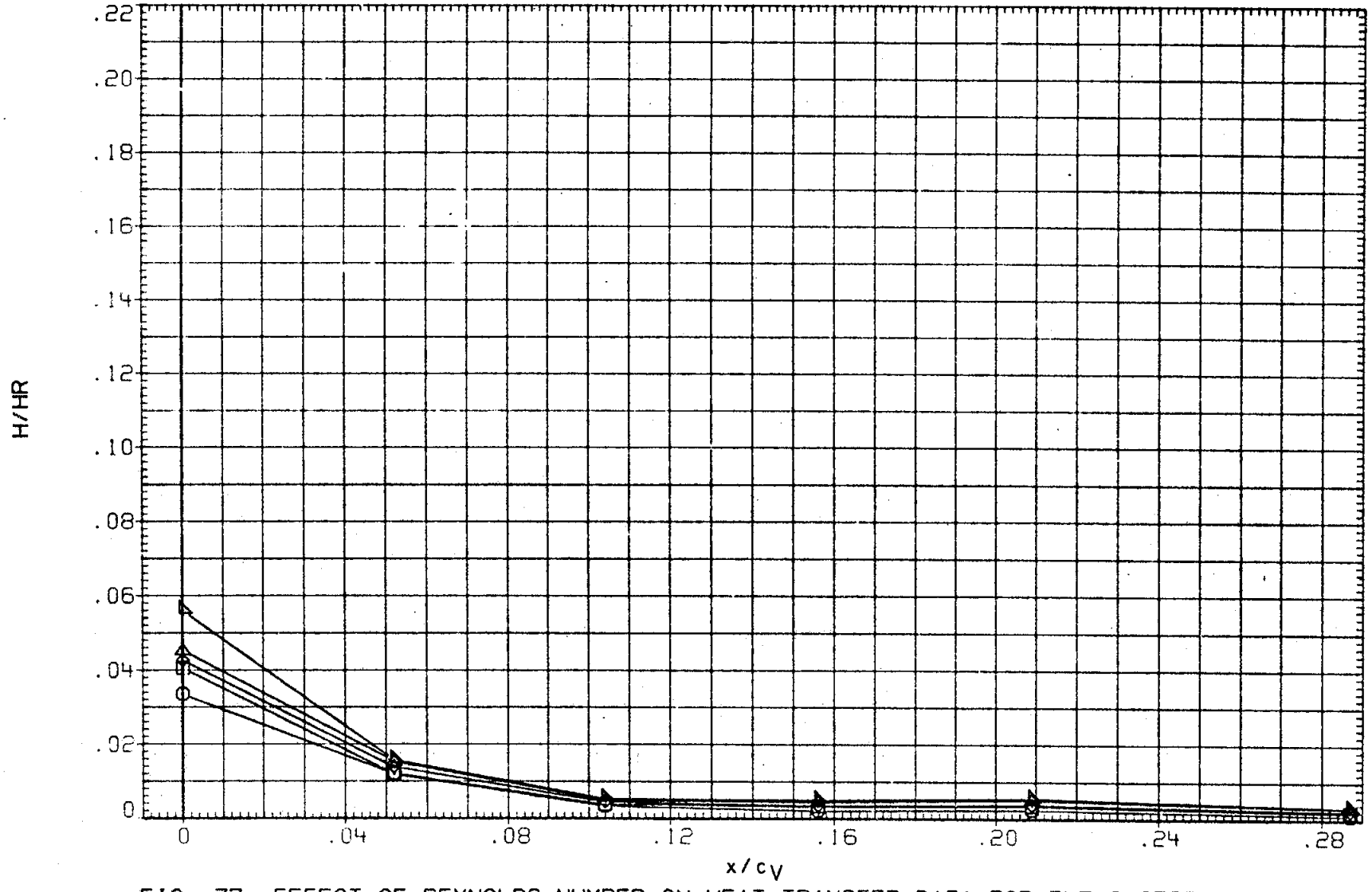


FIG. 37 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

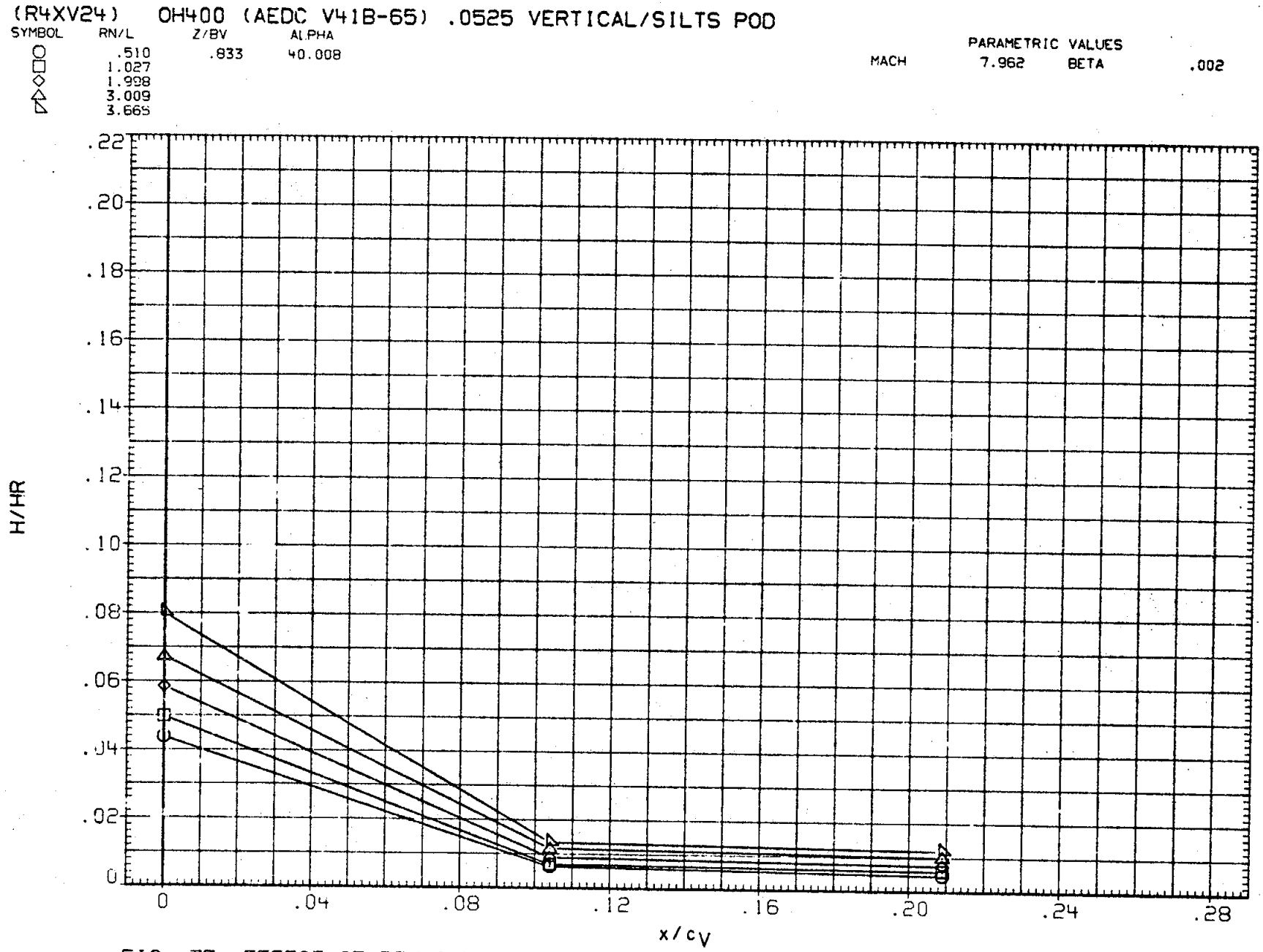


FIG. 37 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV24) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.510	.850	40.008
□	1.027		
◇	1.998		
△	3.009		
◁	3.665		

PARAMETRIC VALUES

MACH 7.962 BETA .002

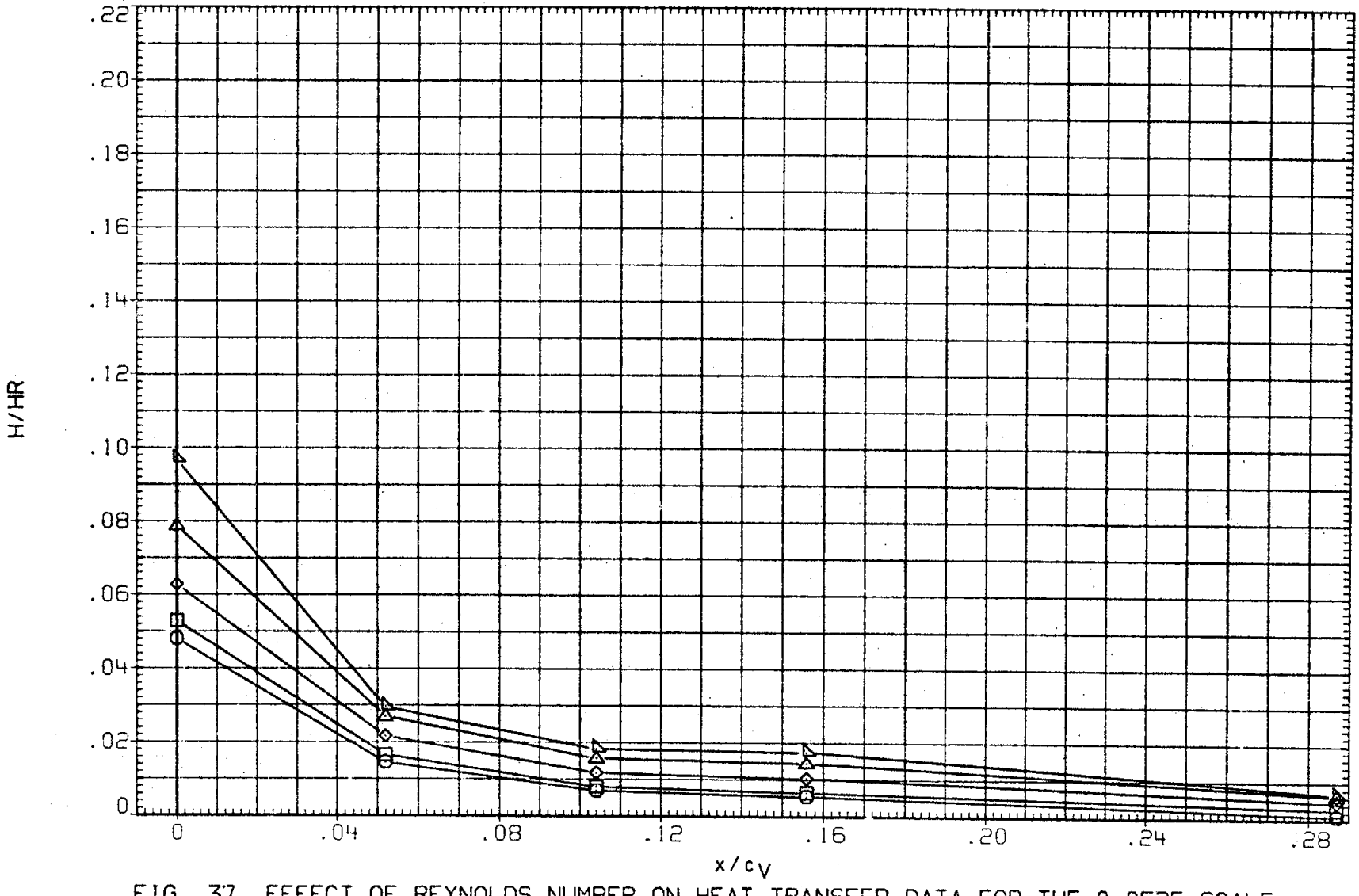


FIG. 37 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

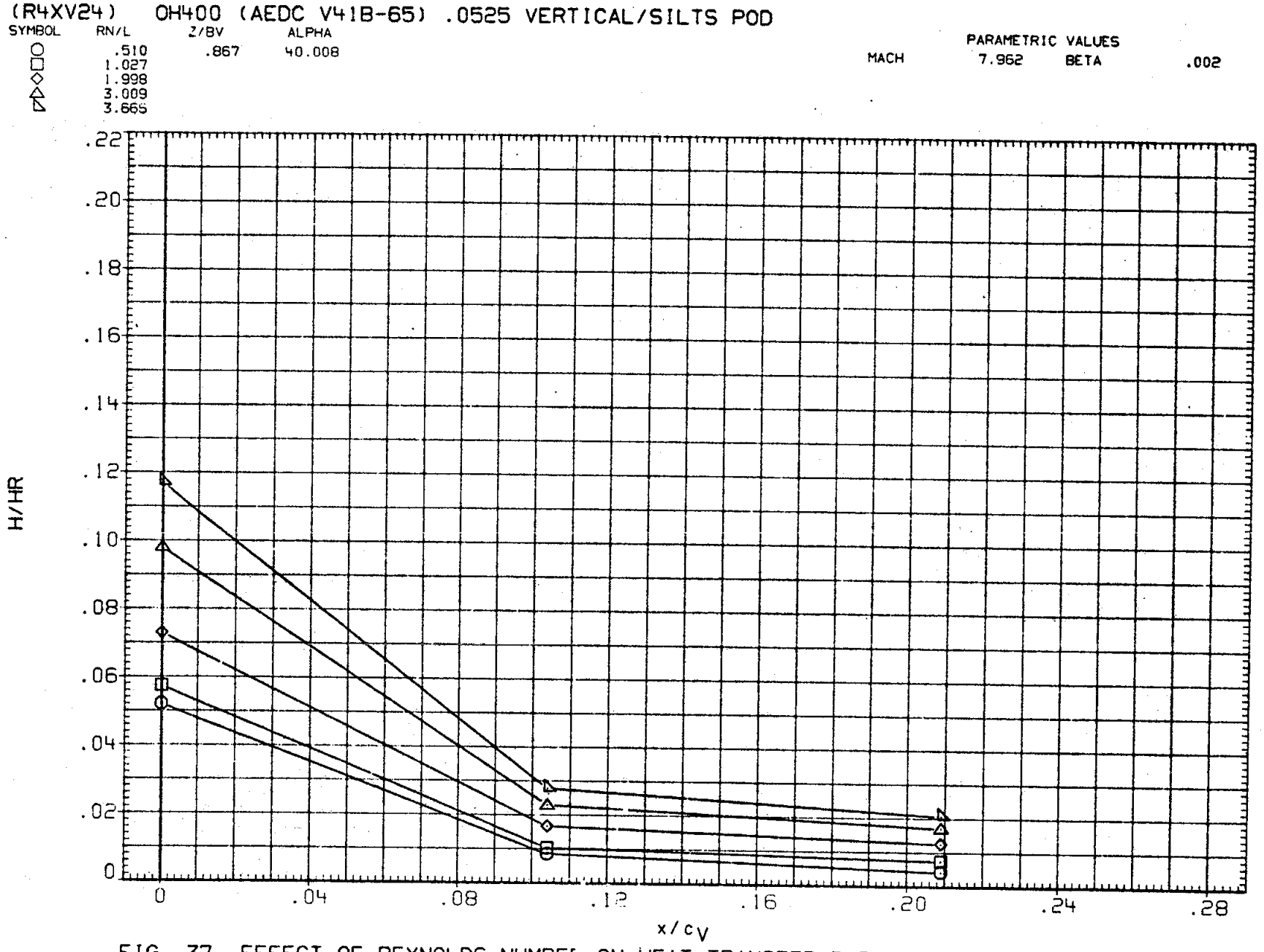


FIG. 37 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV24) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.510	.883	40.008
□	1.027		
◇	1.998		
△	3.009		
◺	3.665		

PARAMETRIC VALUES

MACH 7.962 BETA .002

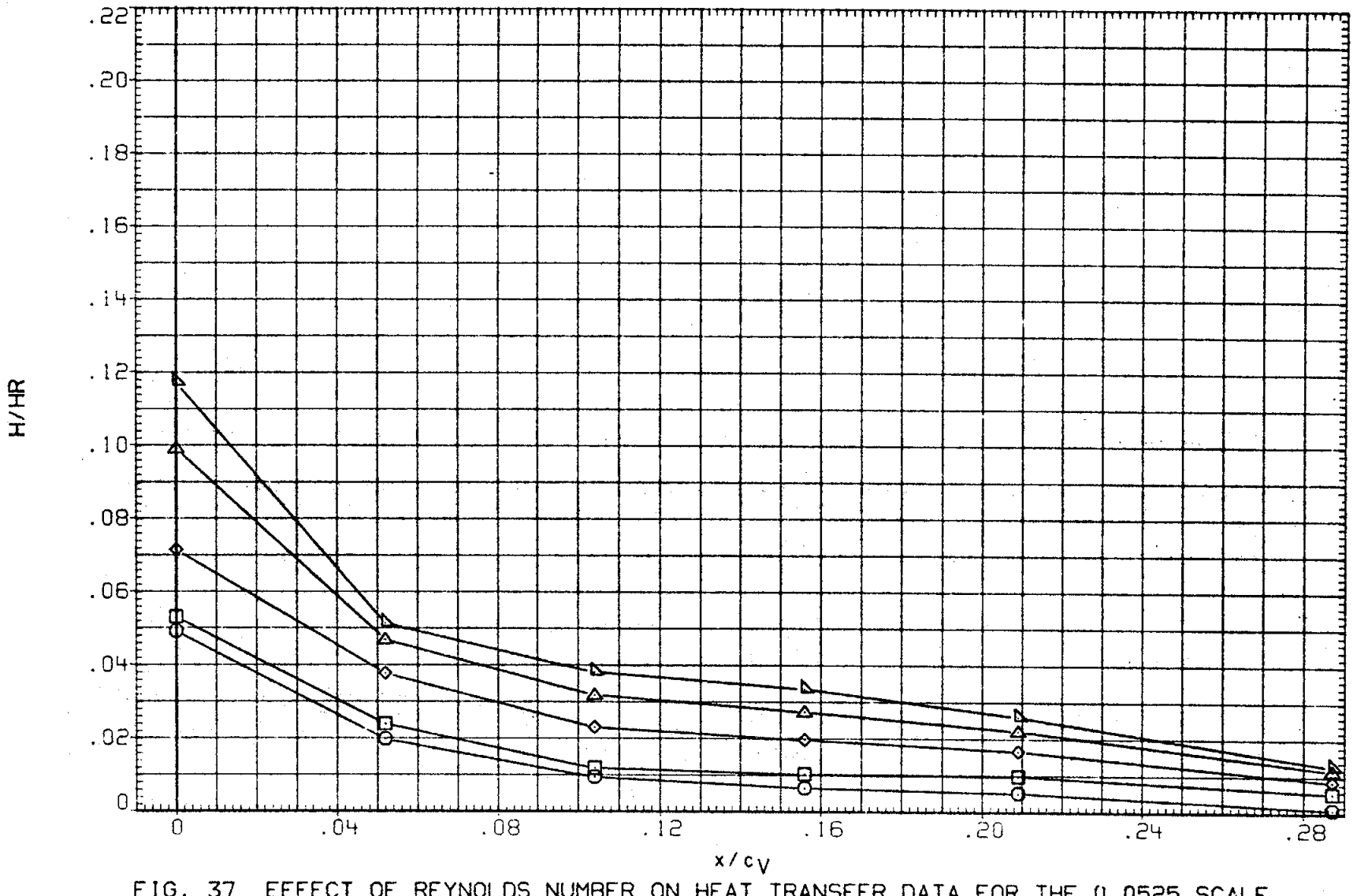


FIG. 37 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV24) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.510	.900	40.008
□	1.027		
◇	1.998		
△	3.009		
◁	3.665		

PARAMETRIC VALUES

MACH 7.962 BETA .002

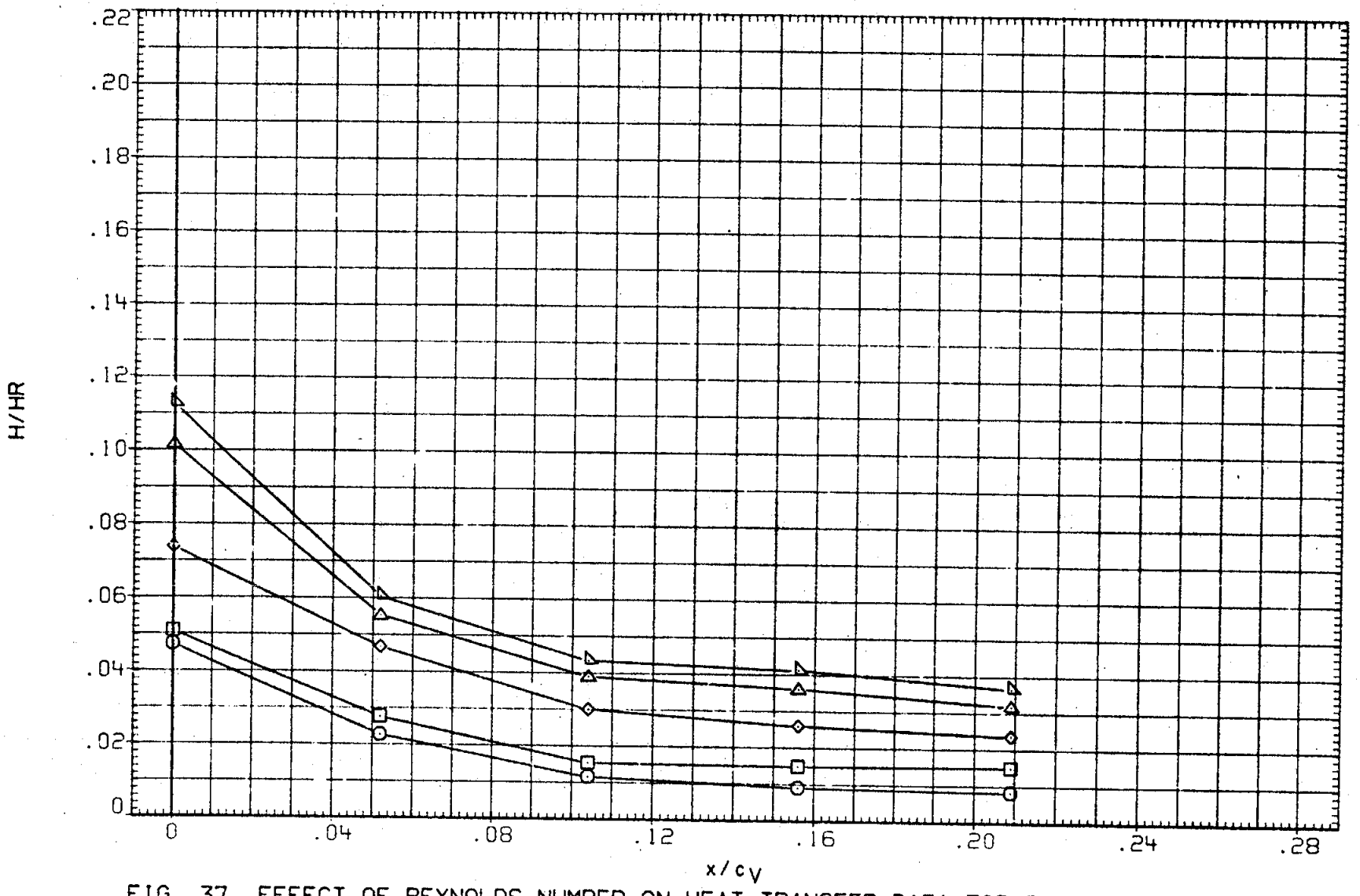


FIG. 37 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV24) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.510	.917	40.008
□	1.027		
◇	1.998		
△	3.009		
◺	3.663		

PARAMETRIC VALUES

MACH 7.962 BETA .002

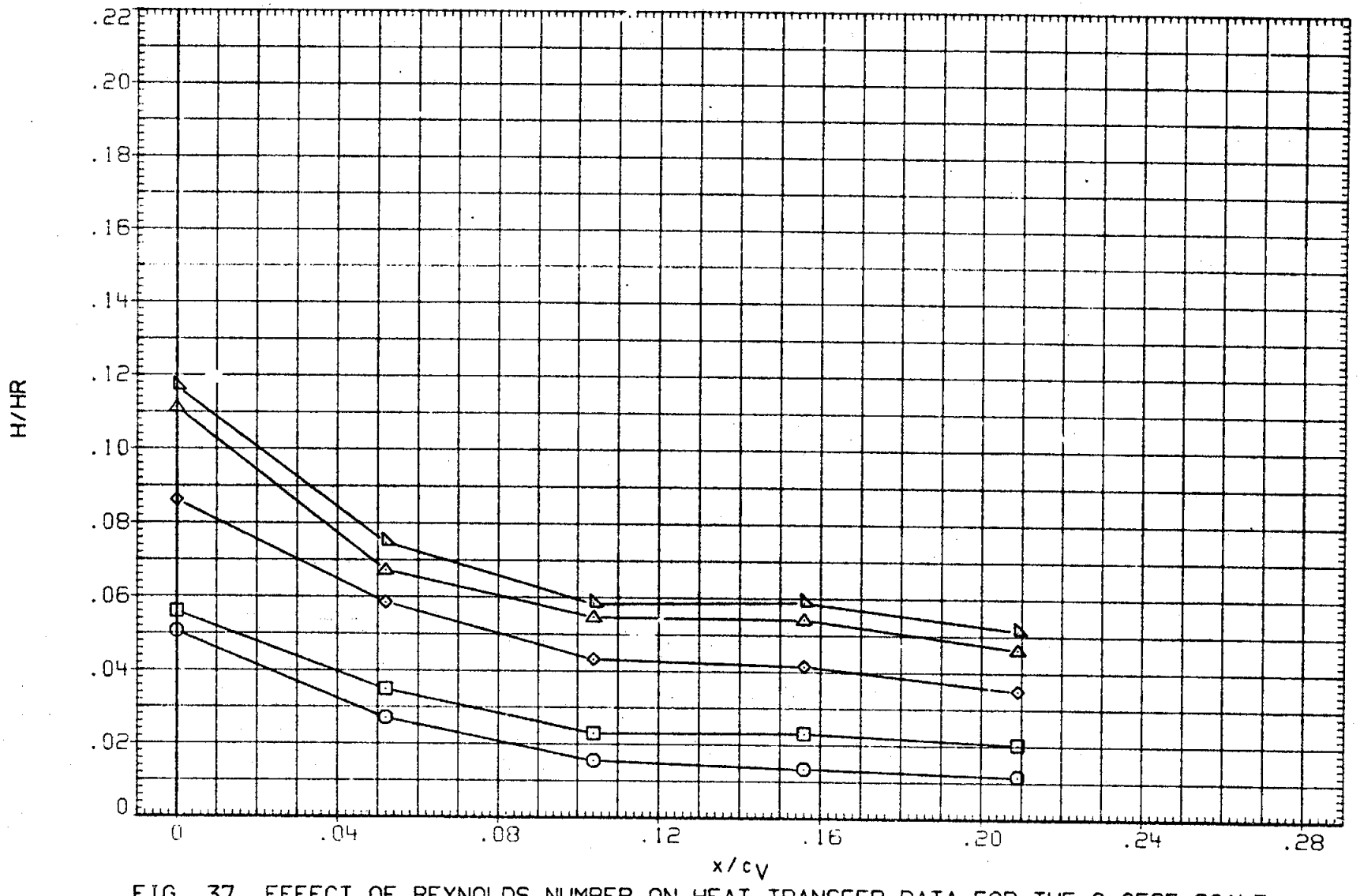


FIG. 37 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV24) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.510	.933	40.008
□	1.027		
◇	1.998		
△	3.009		
◺	3.665		

PARAMETRIC VALUES

MACH 7.962 BETA .002

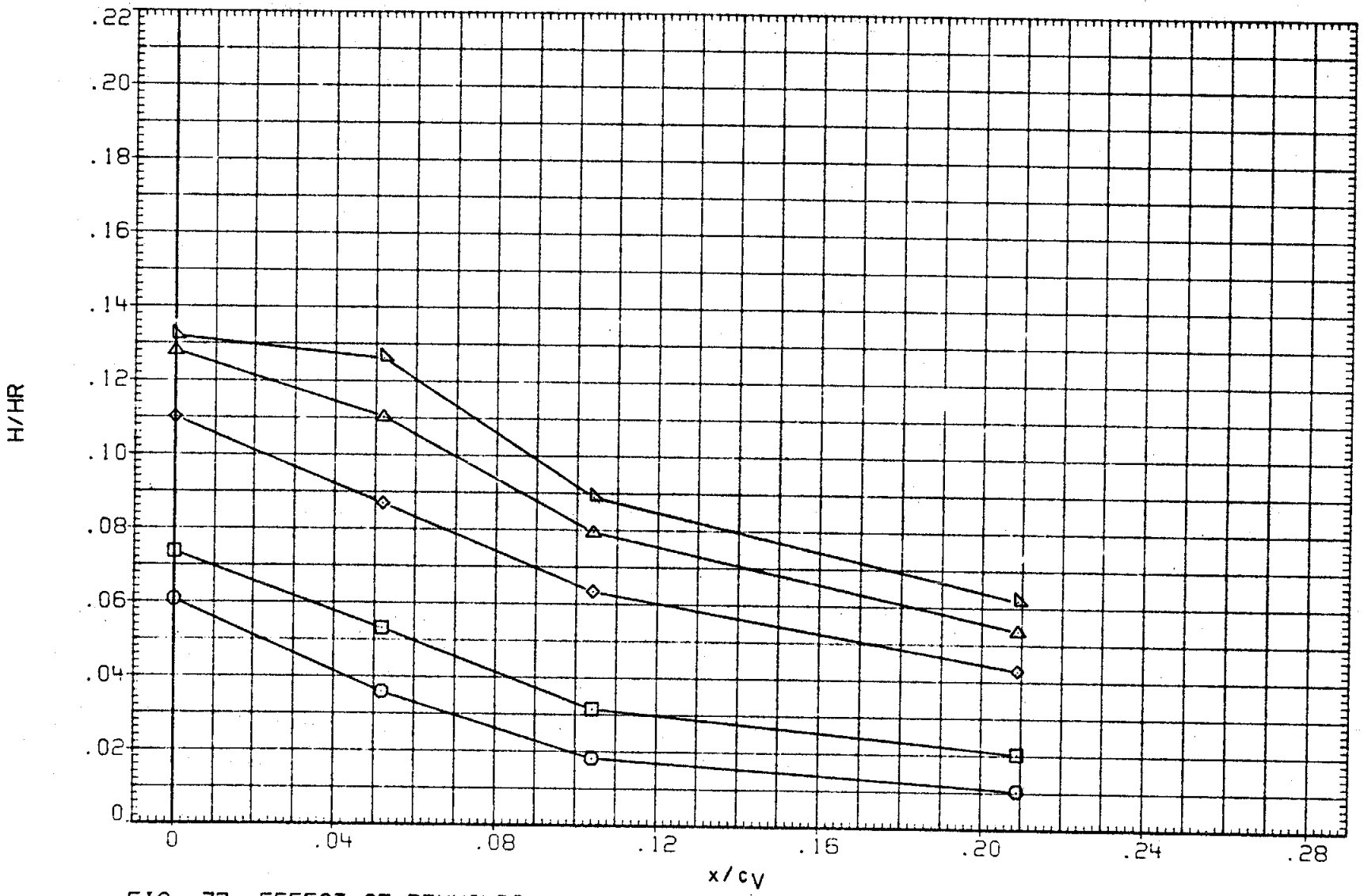


FIG. 37 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV24) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.510	.950	40.008
□	1.027		
◇	1.998		
△	3.009		
◺	3.663		

PARAMETRIC VALUES

MACH 7.962 BETA .002

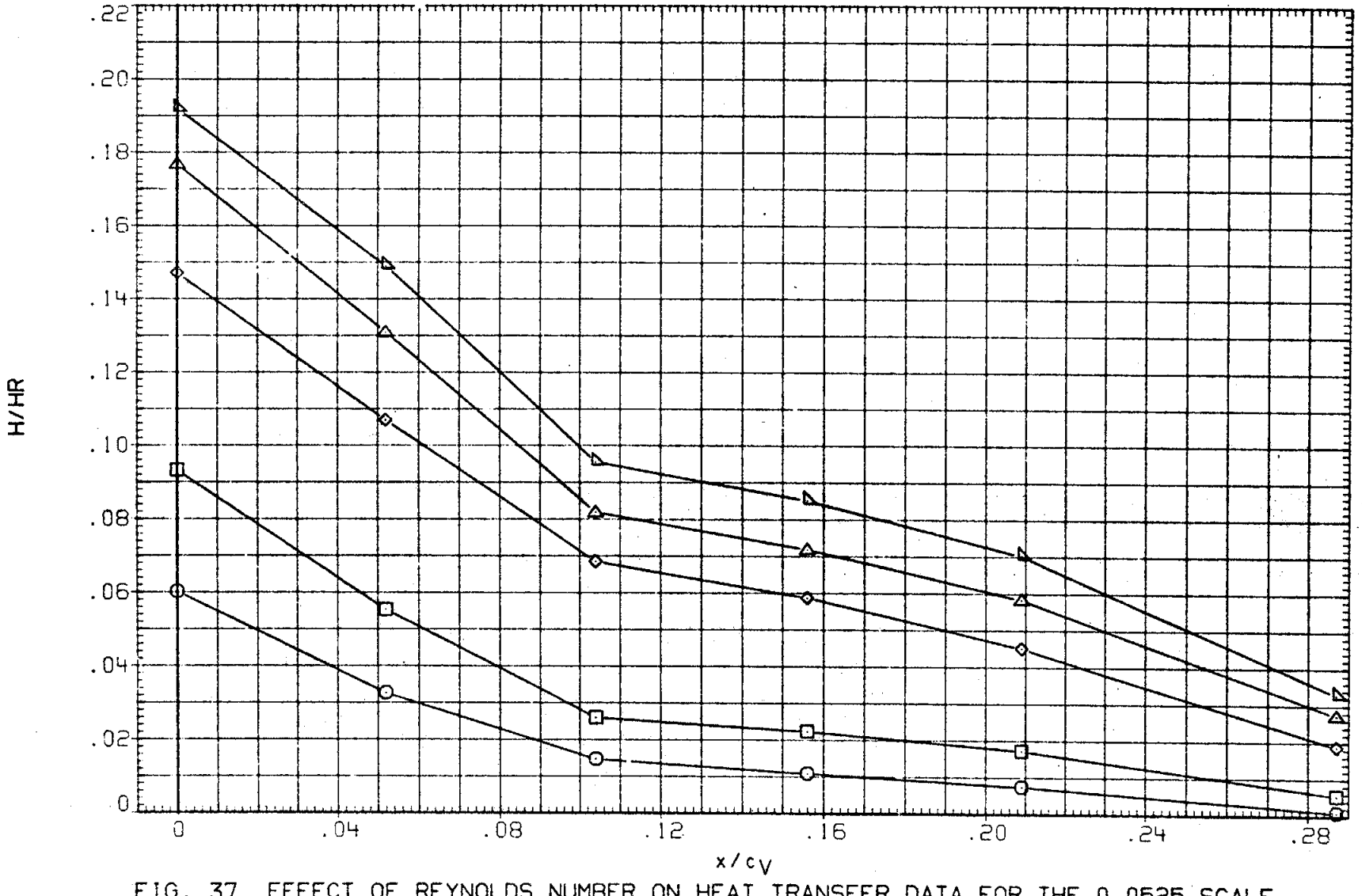


FIG. 37 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XV24) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	Z/BV	ALPHA
○	.510	956	40.008
□	1.027		
◇	1.998		
△	3.009		
◺	3.665		

PARAMETRIC VALUES

MACH 7.962 BETA .002

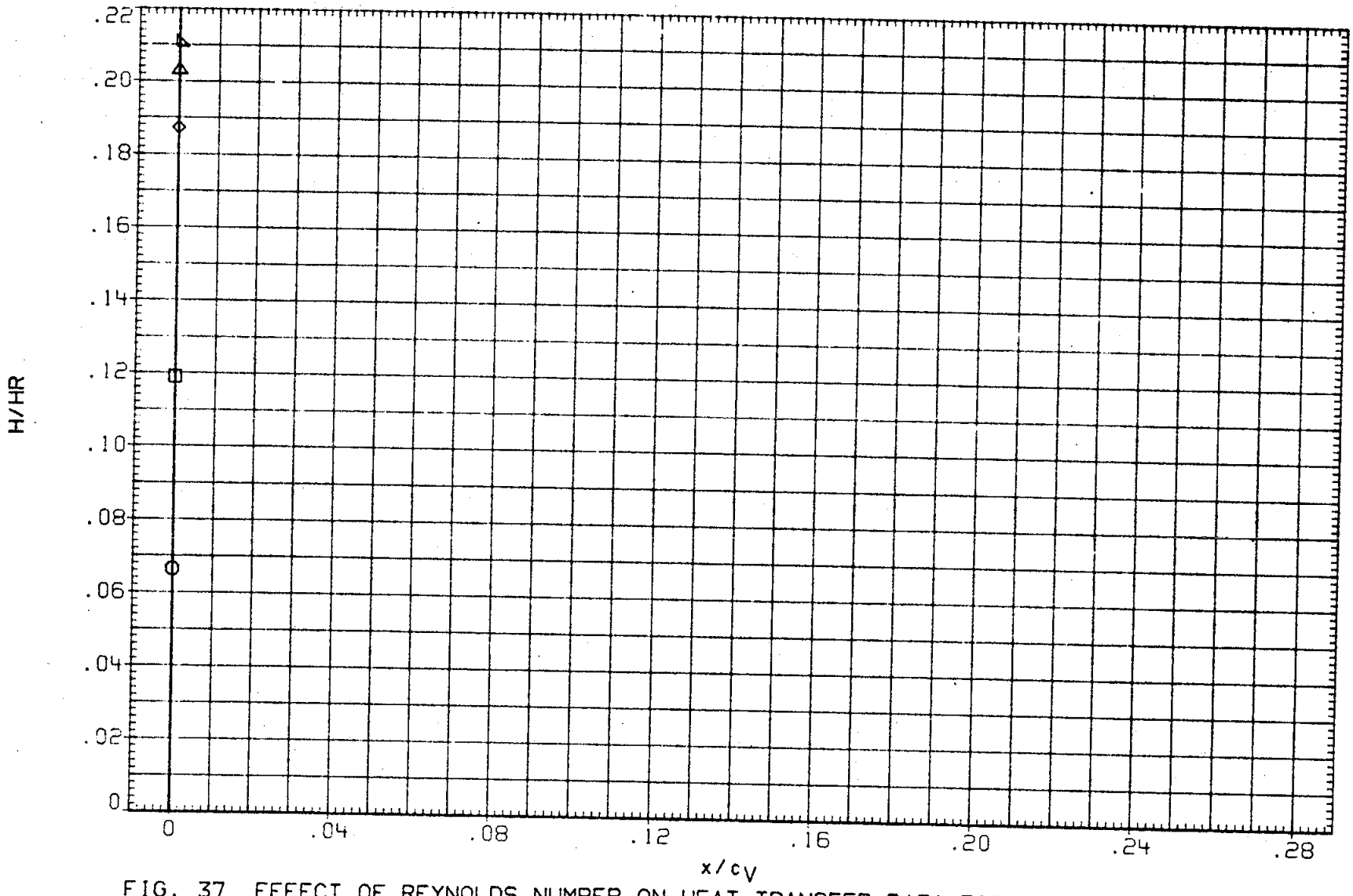


FIG. 37 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD - ALPHA = 40.0

(R4XS12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	.000	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

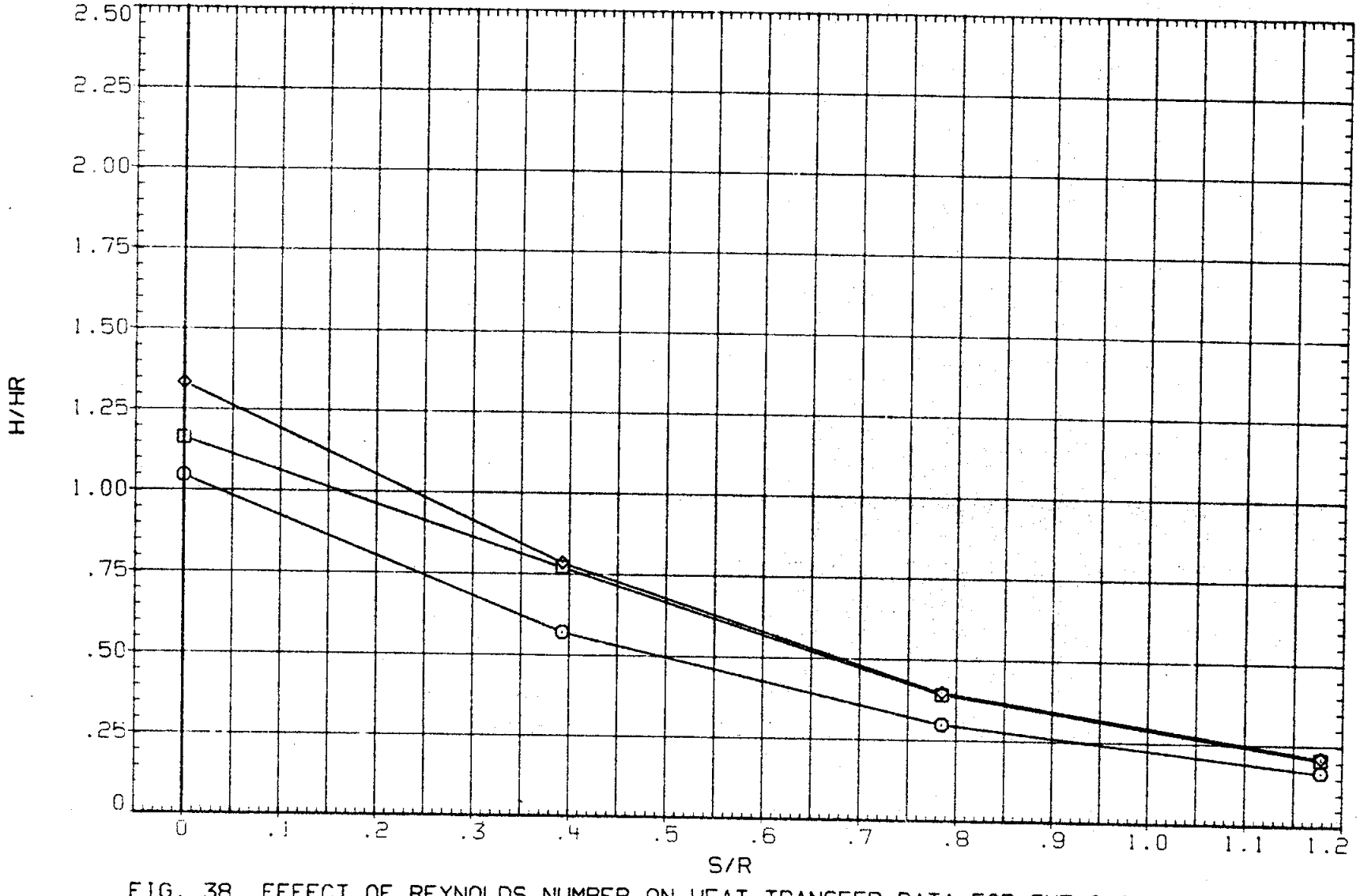


FIG. 38 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = -5.0

(R4XS12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	90.000	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

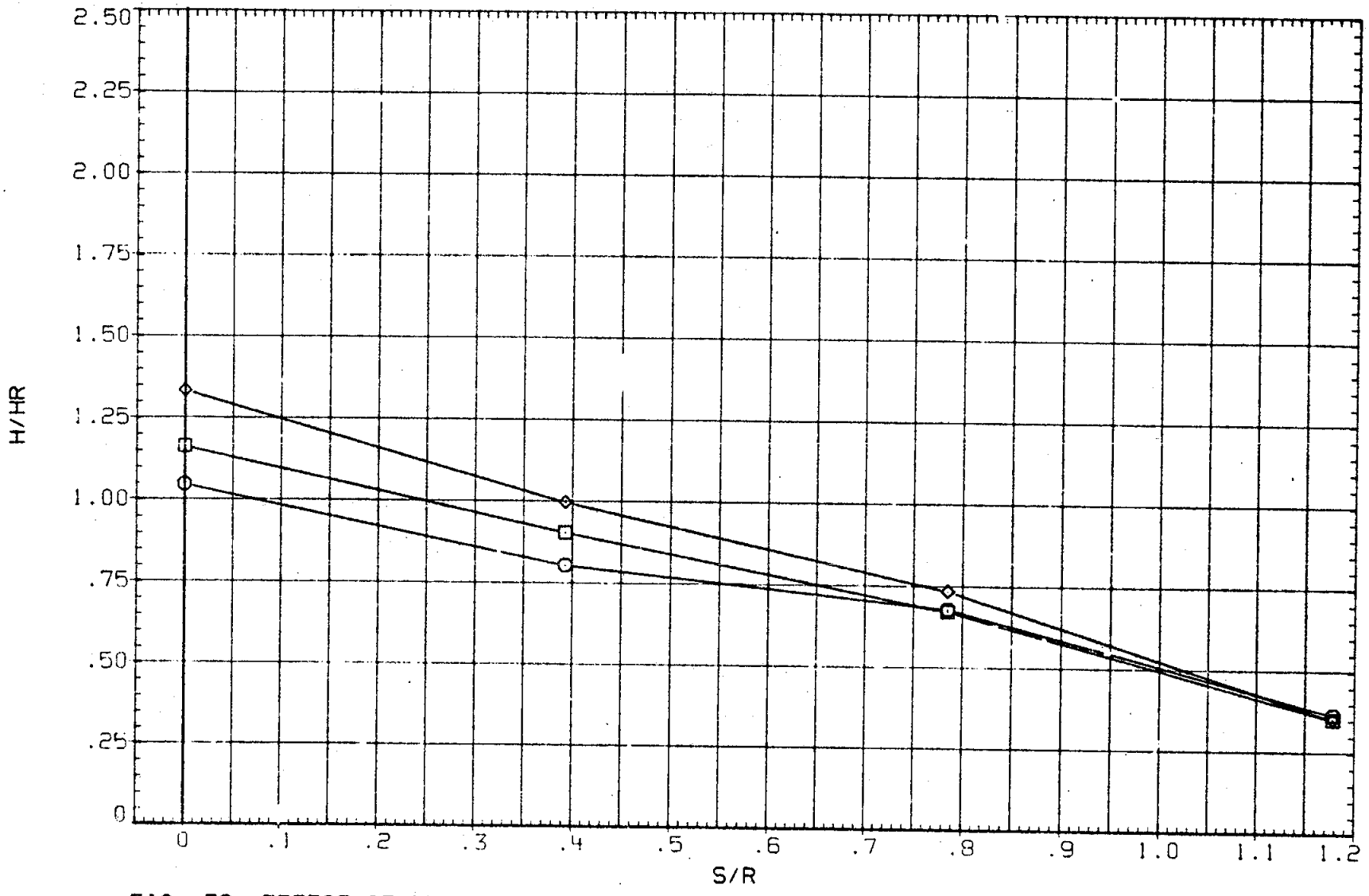


FIG. 38 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = -5.0

(R4XS12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	135.000	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

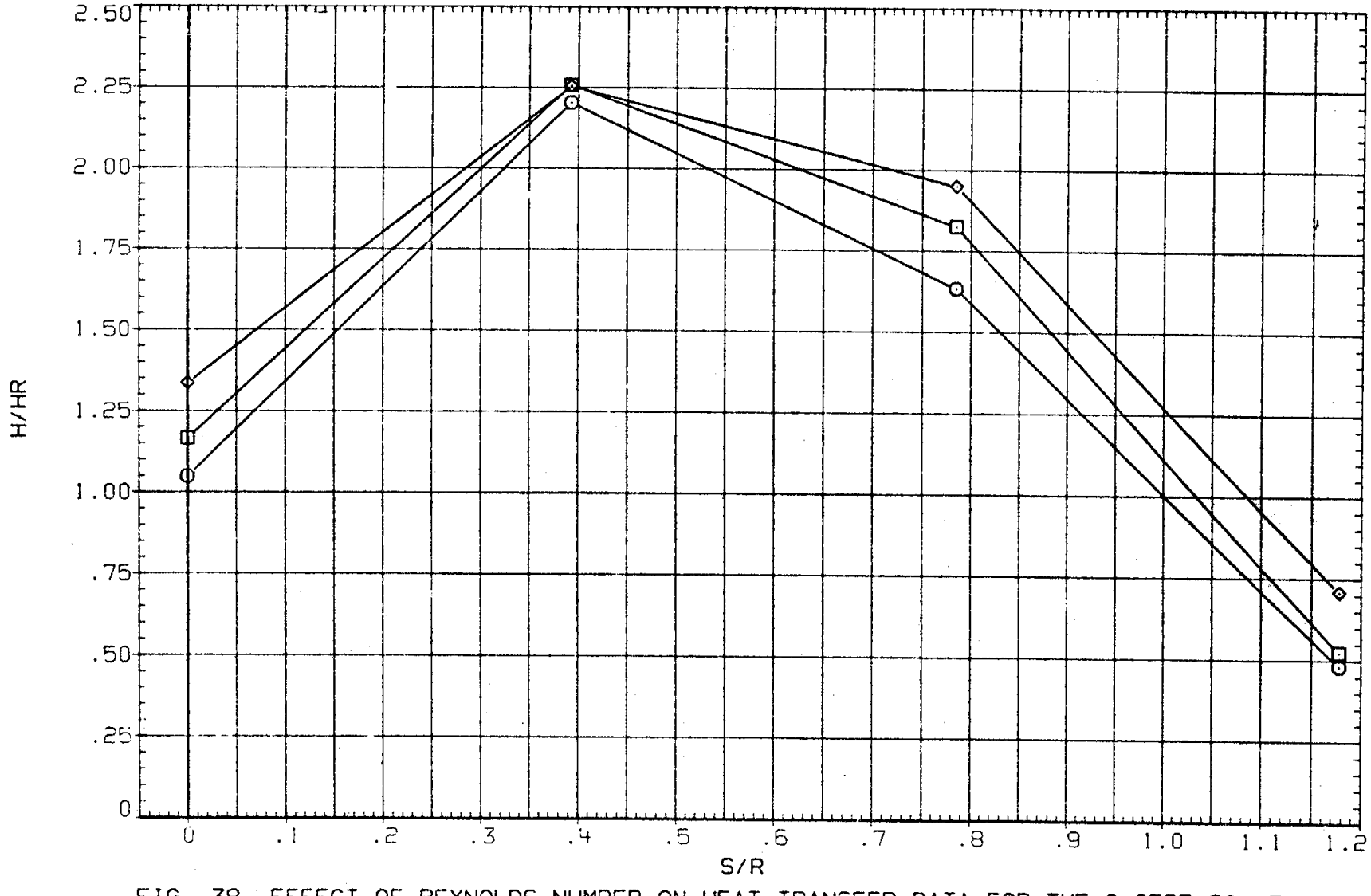


FIG. 38 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = -5.0

(R4XS12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	180.000	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

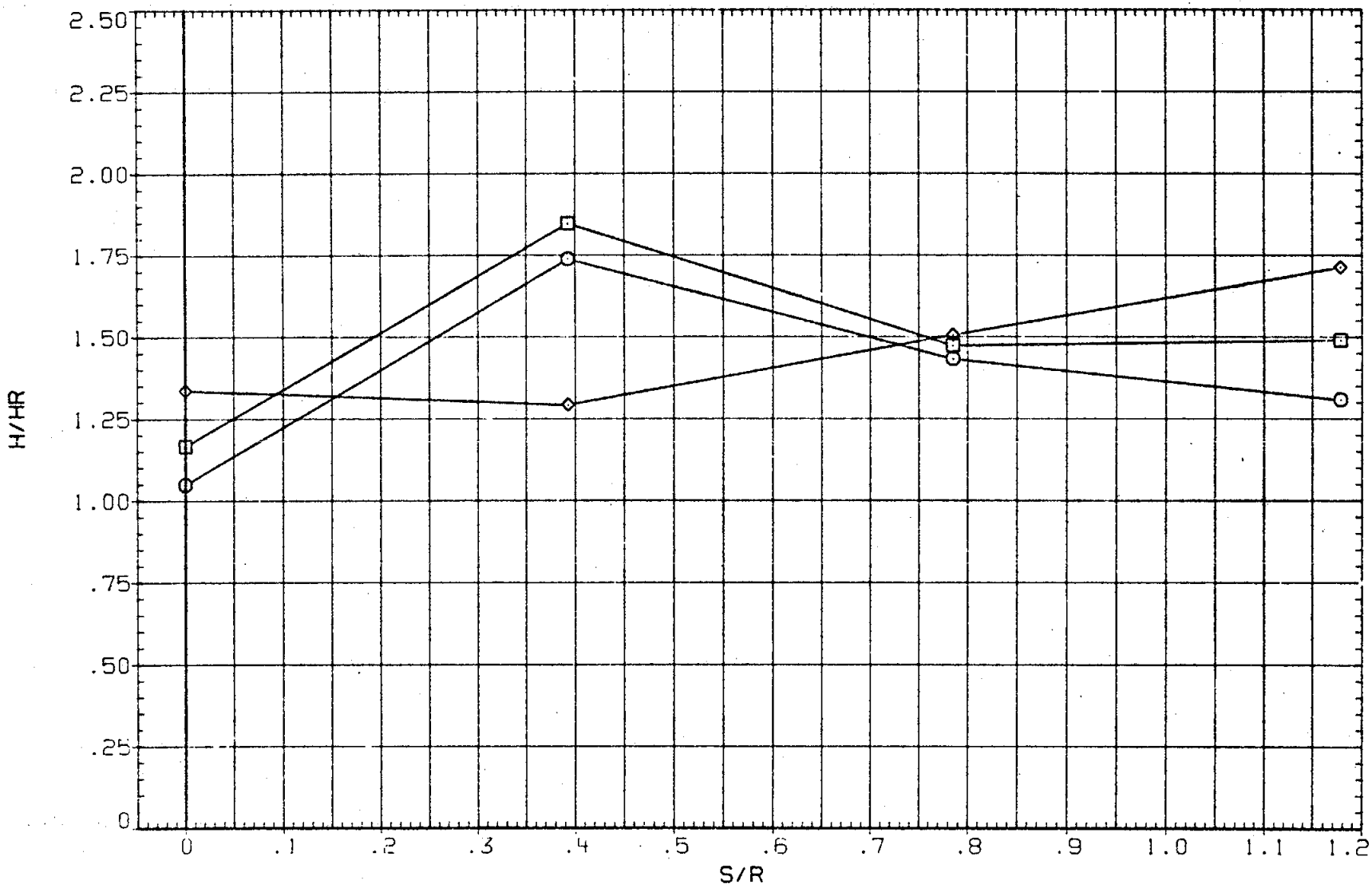


FIG. 38 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = -5.0

(R4XS12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	225.000	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

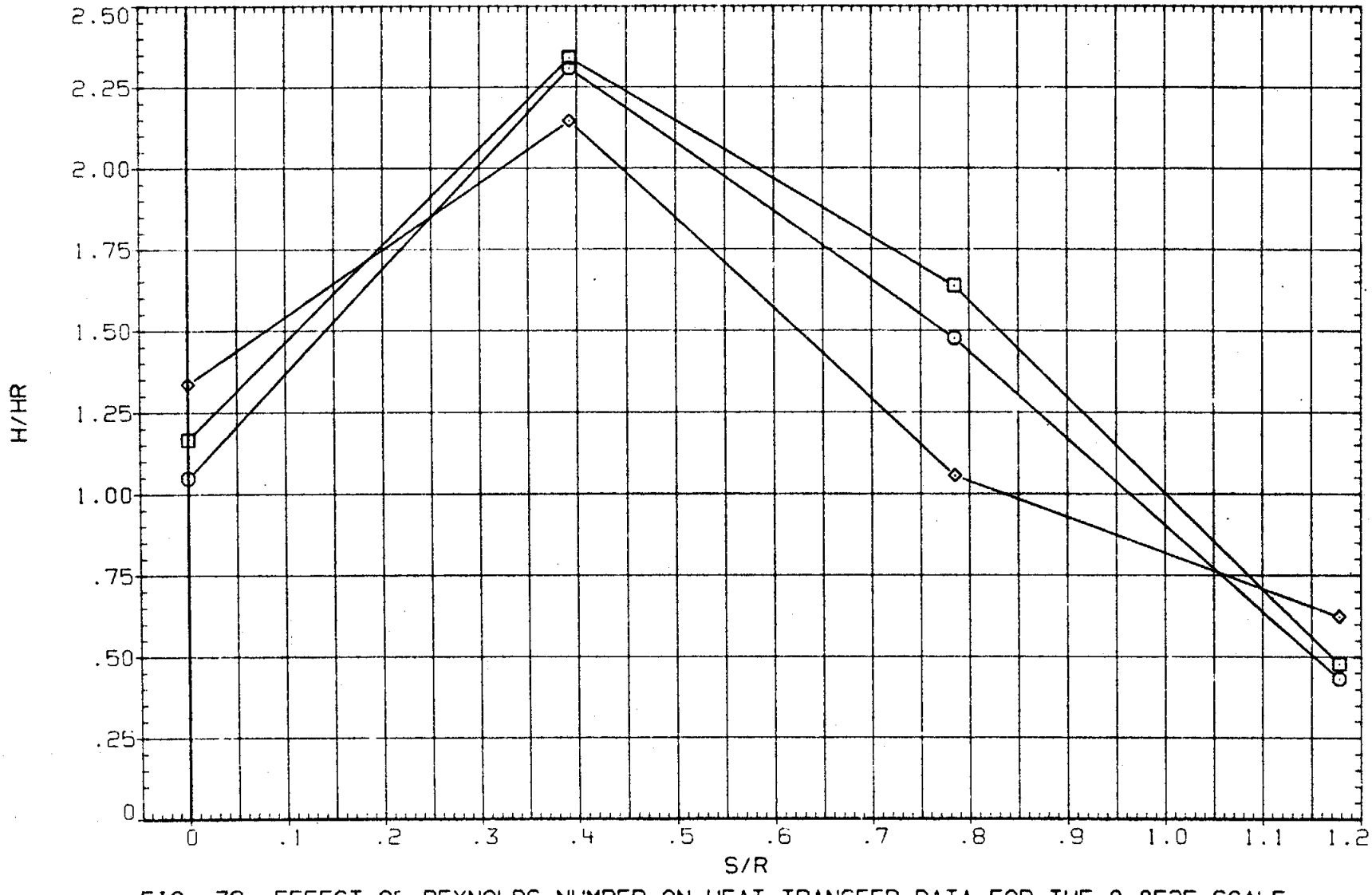


FIG. 38 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = -5.0

(R4XS12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	270.000	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

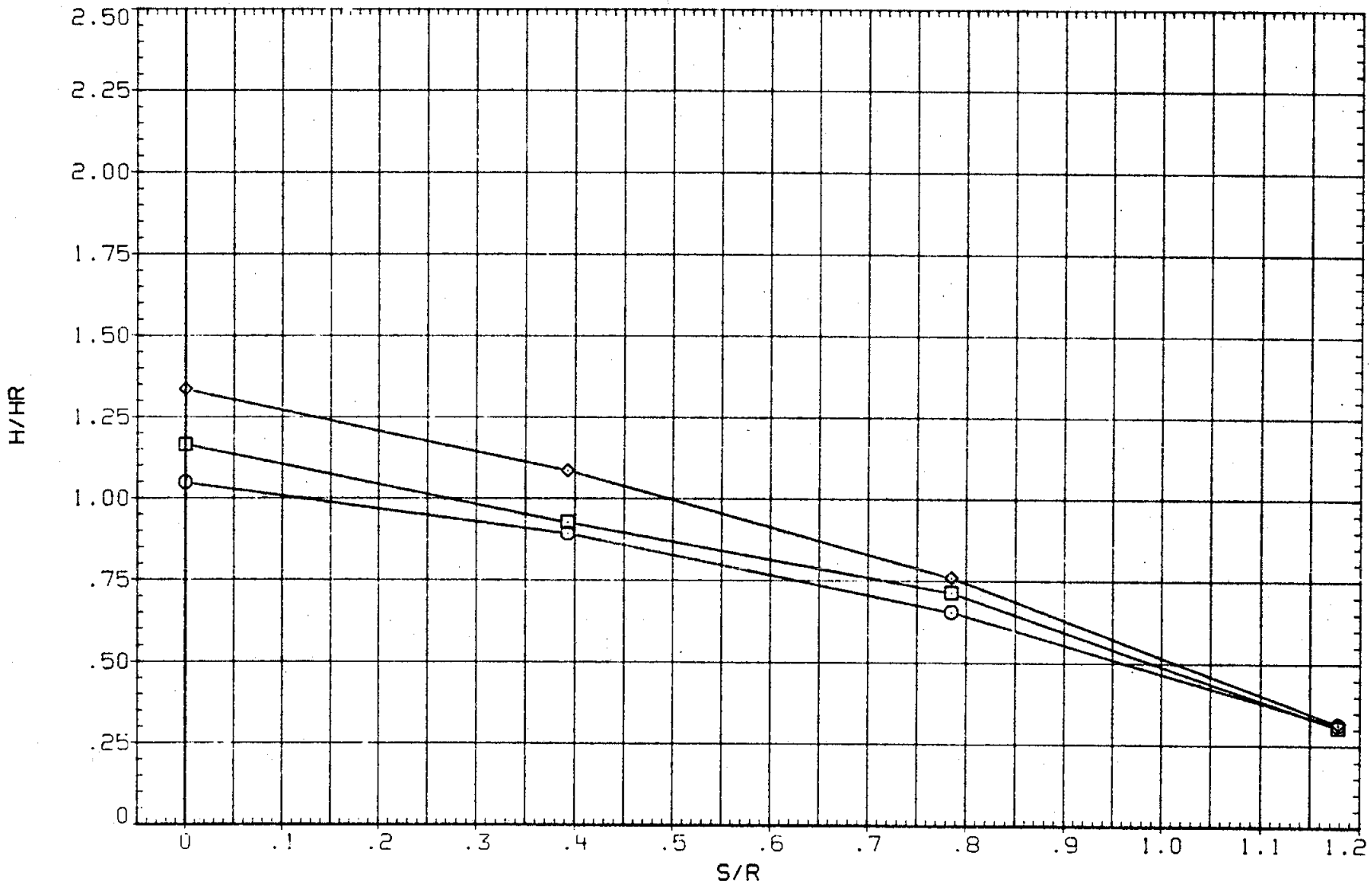


FIG. 38 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = -5.0

(R4XS14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	.000	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

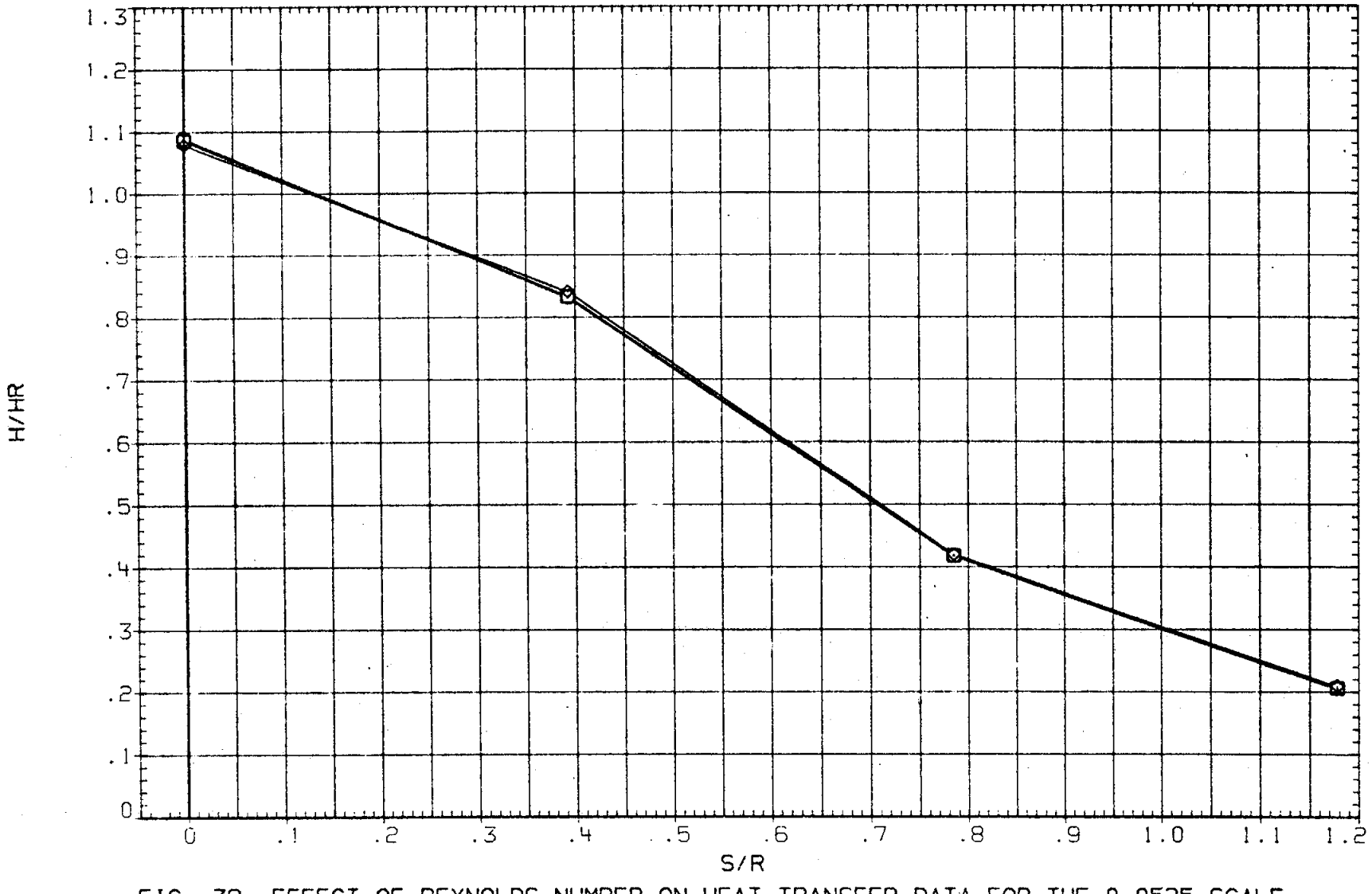


FIG. 39 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 0.0

(R4XS14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	90.000	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

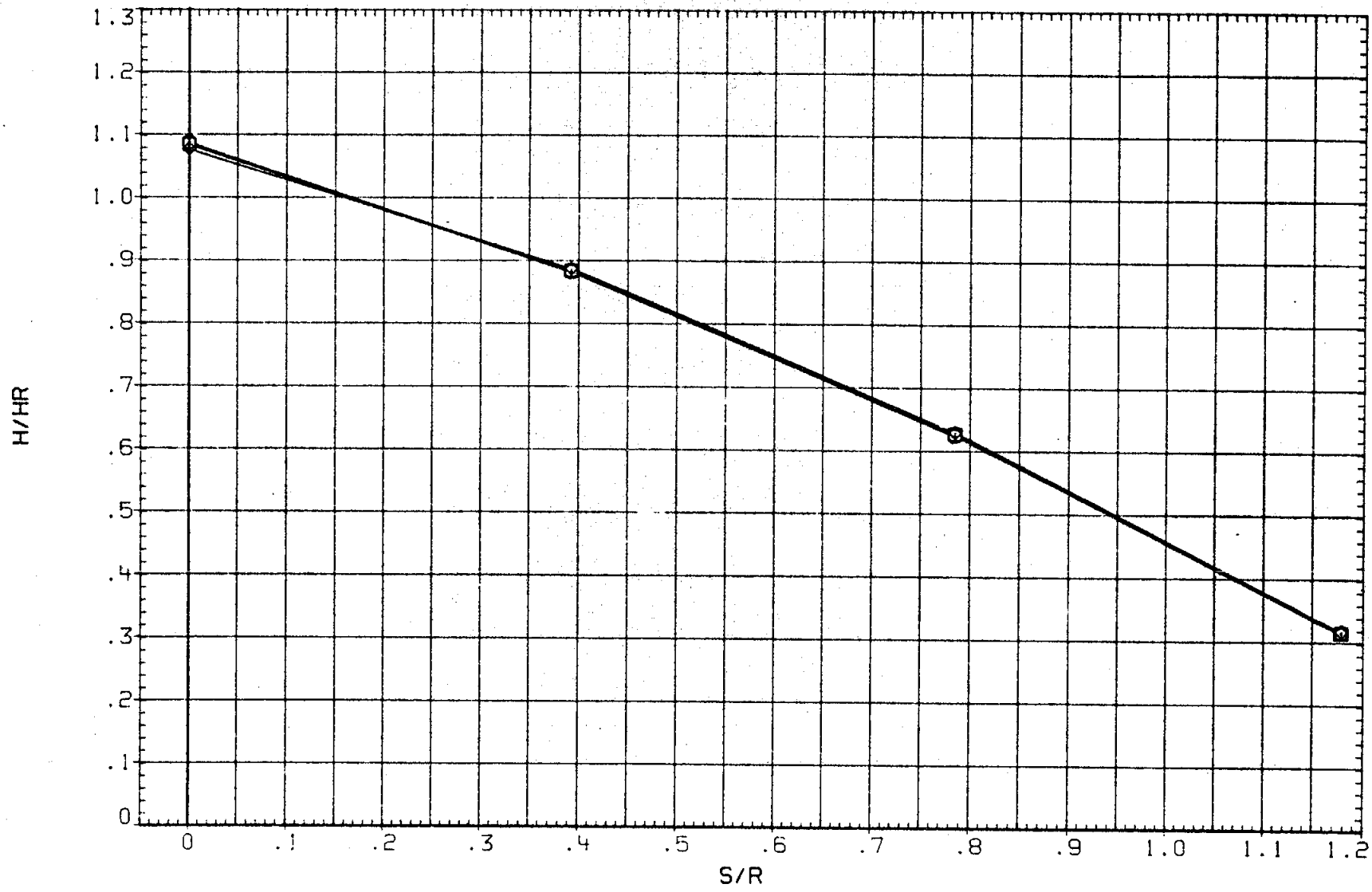


FIG. 39 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 0.0

(R4XS14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	135.000	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

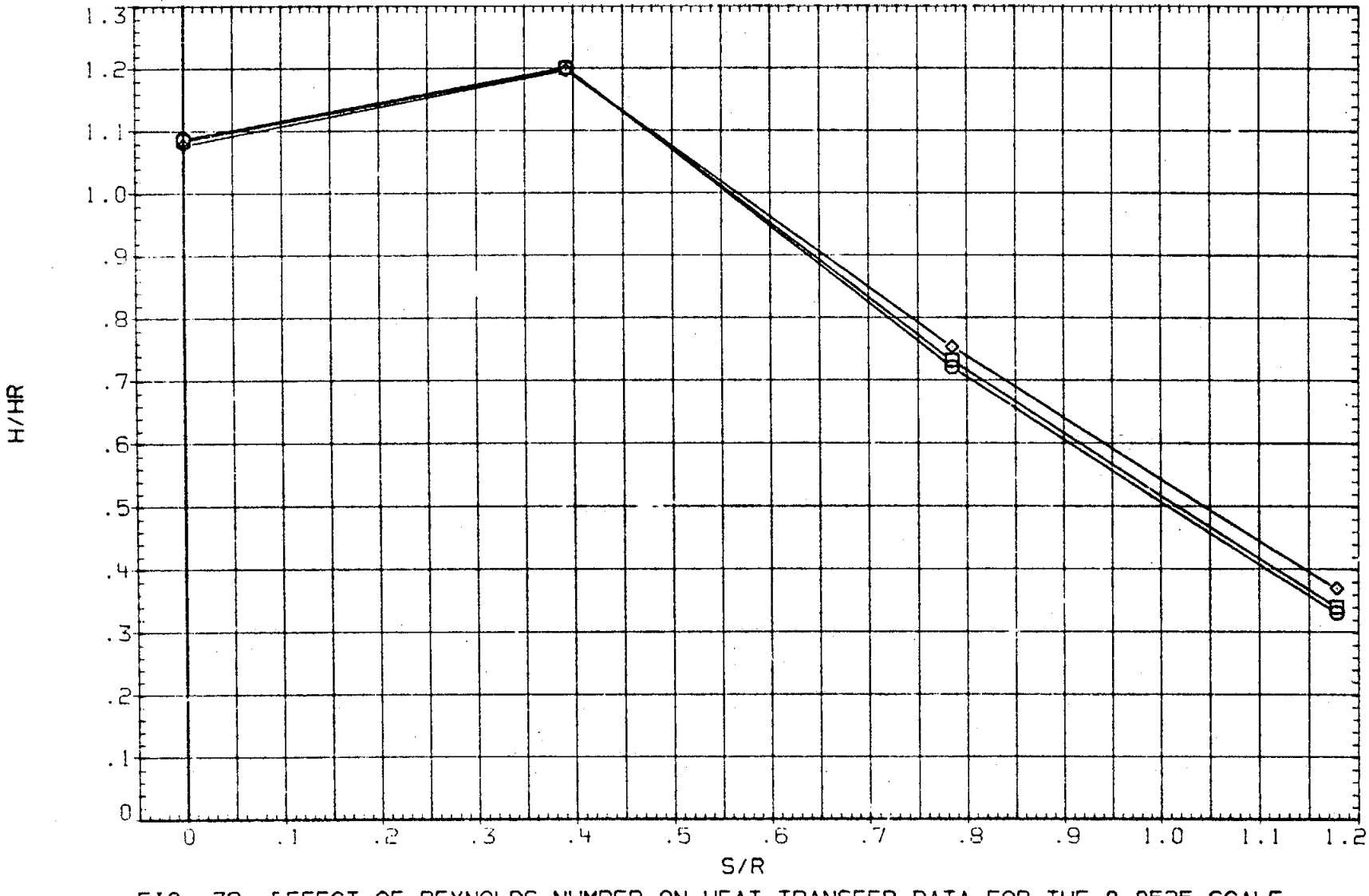


FIG. 39 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 0.0

(R4XS14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	180.000	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

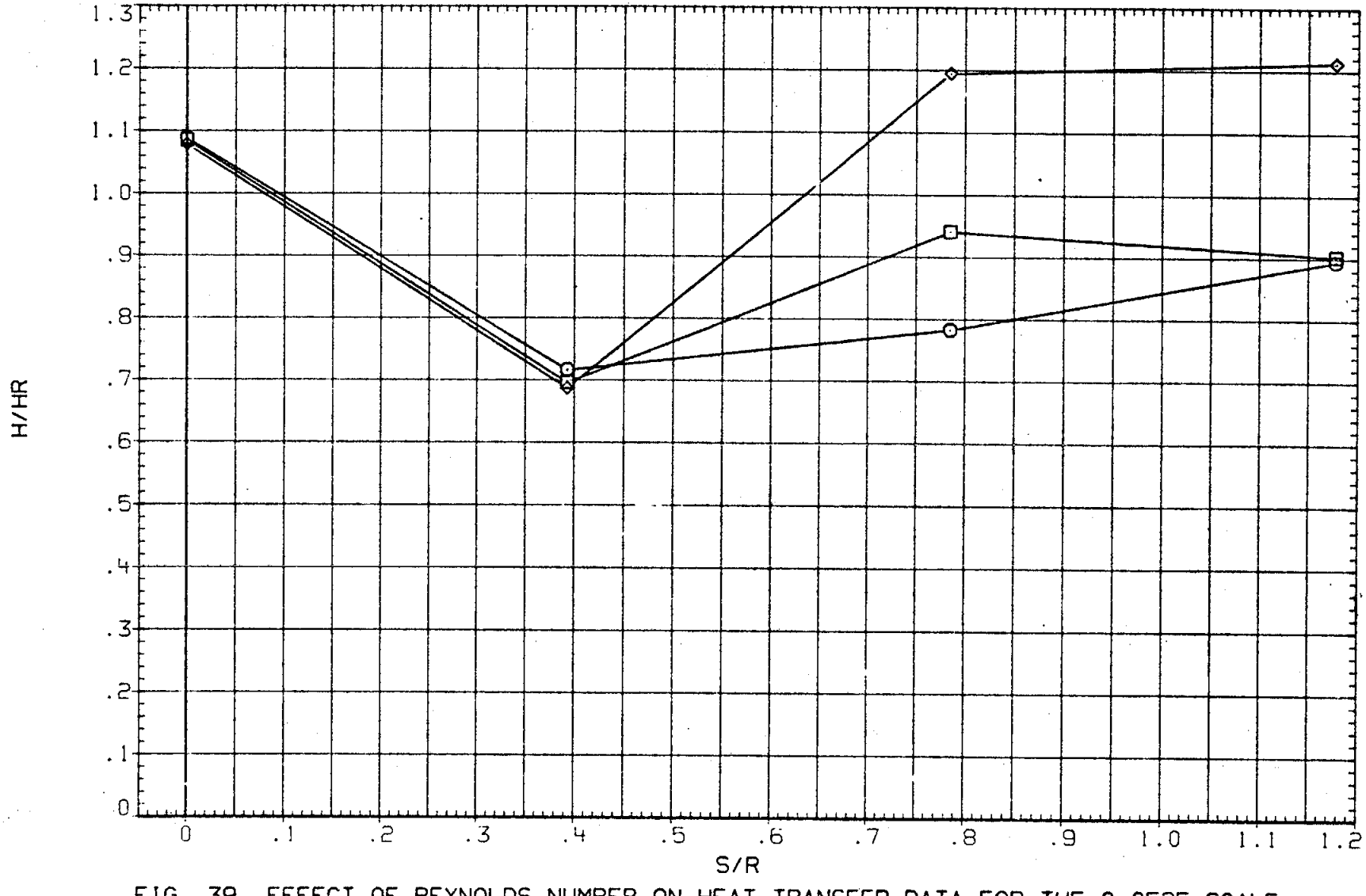


FIG. 39 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 0.0

(R4XS14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	225.000	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

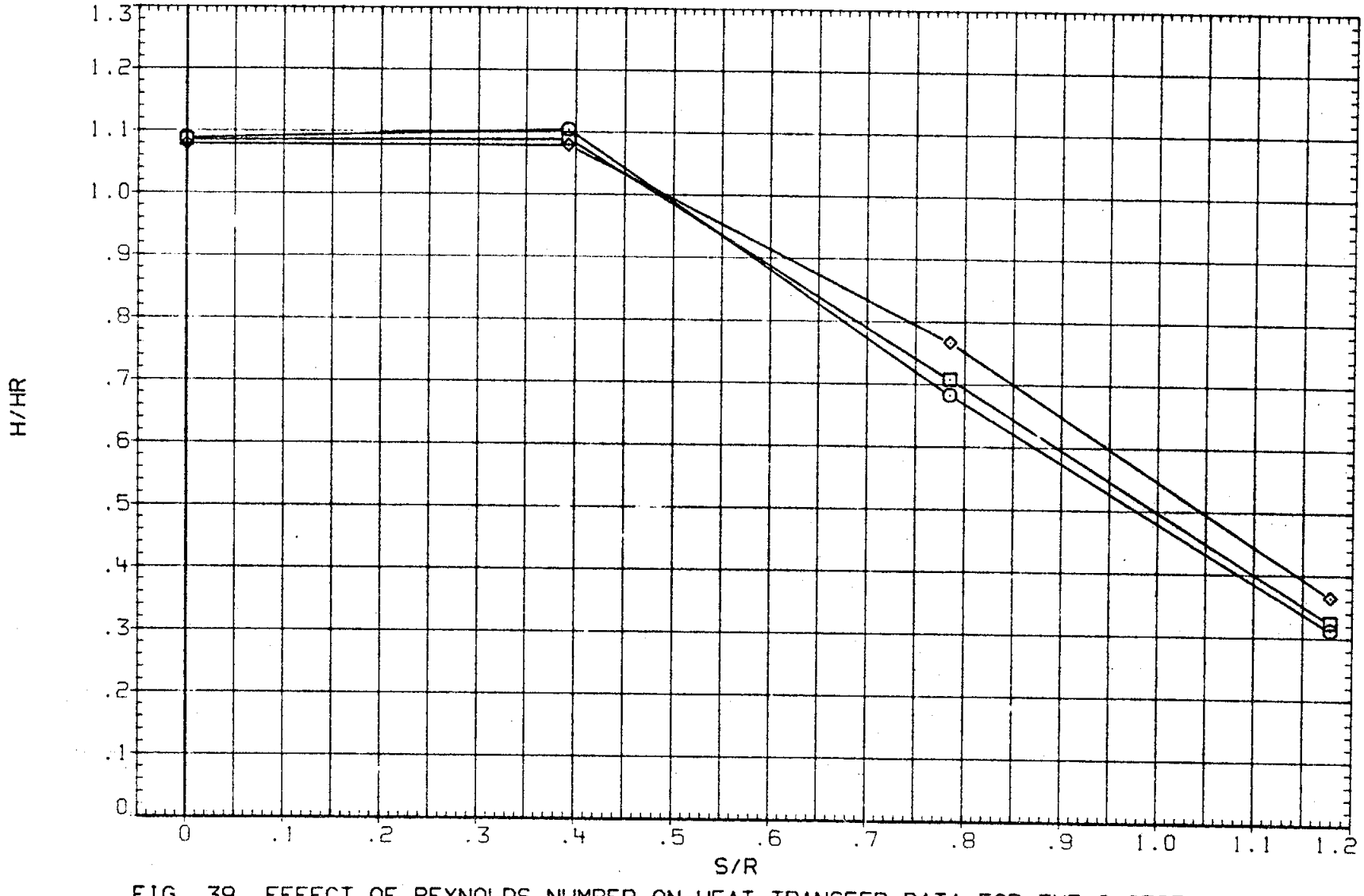


FIG. 39 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 0.0

(R4XS14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	270.000	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

FIG. 39 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 0.0

(R4XS18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.507	.000	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

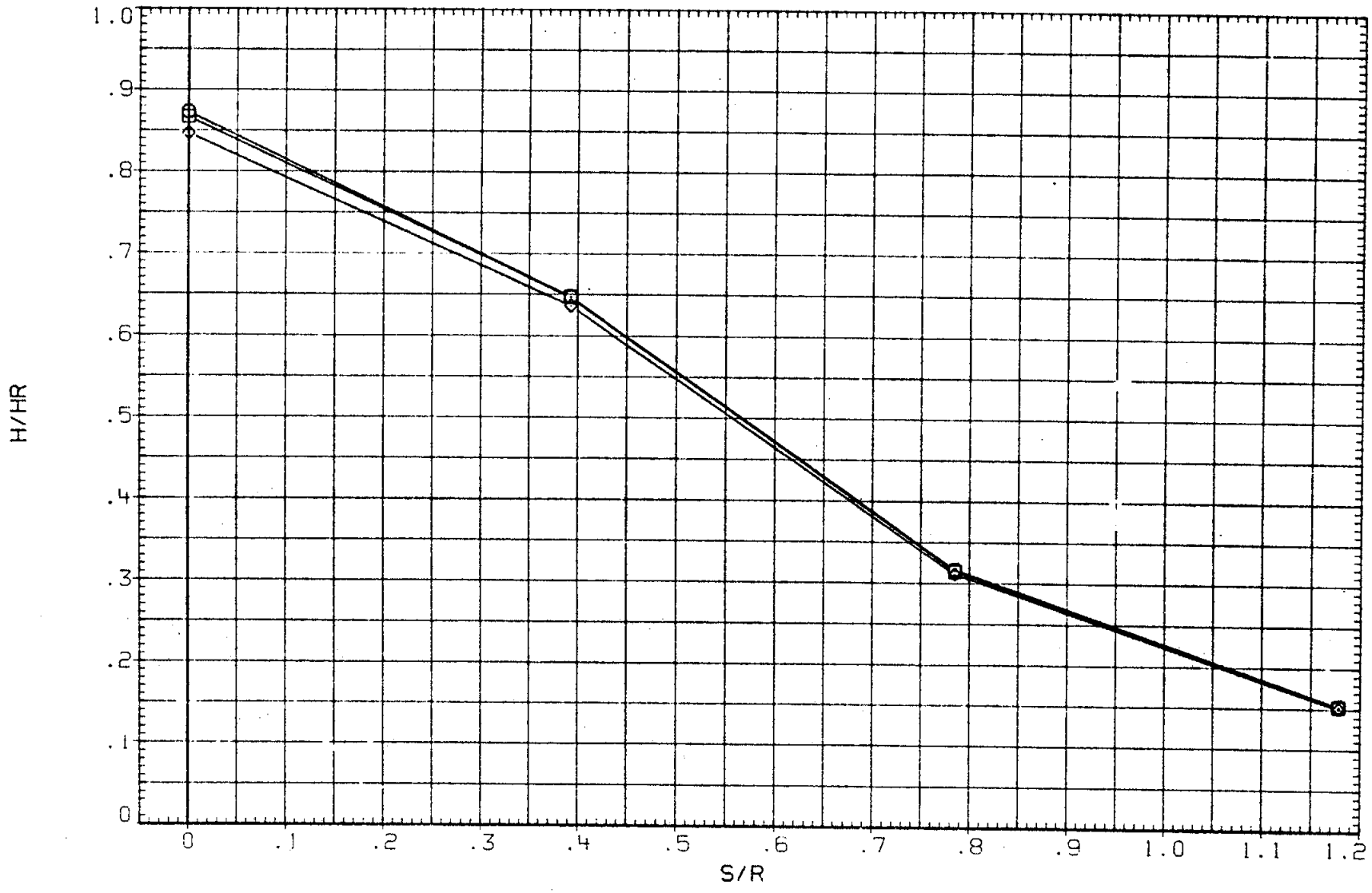


FIG. 40 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 5.0

(R4XS18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.507	90.000	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

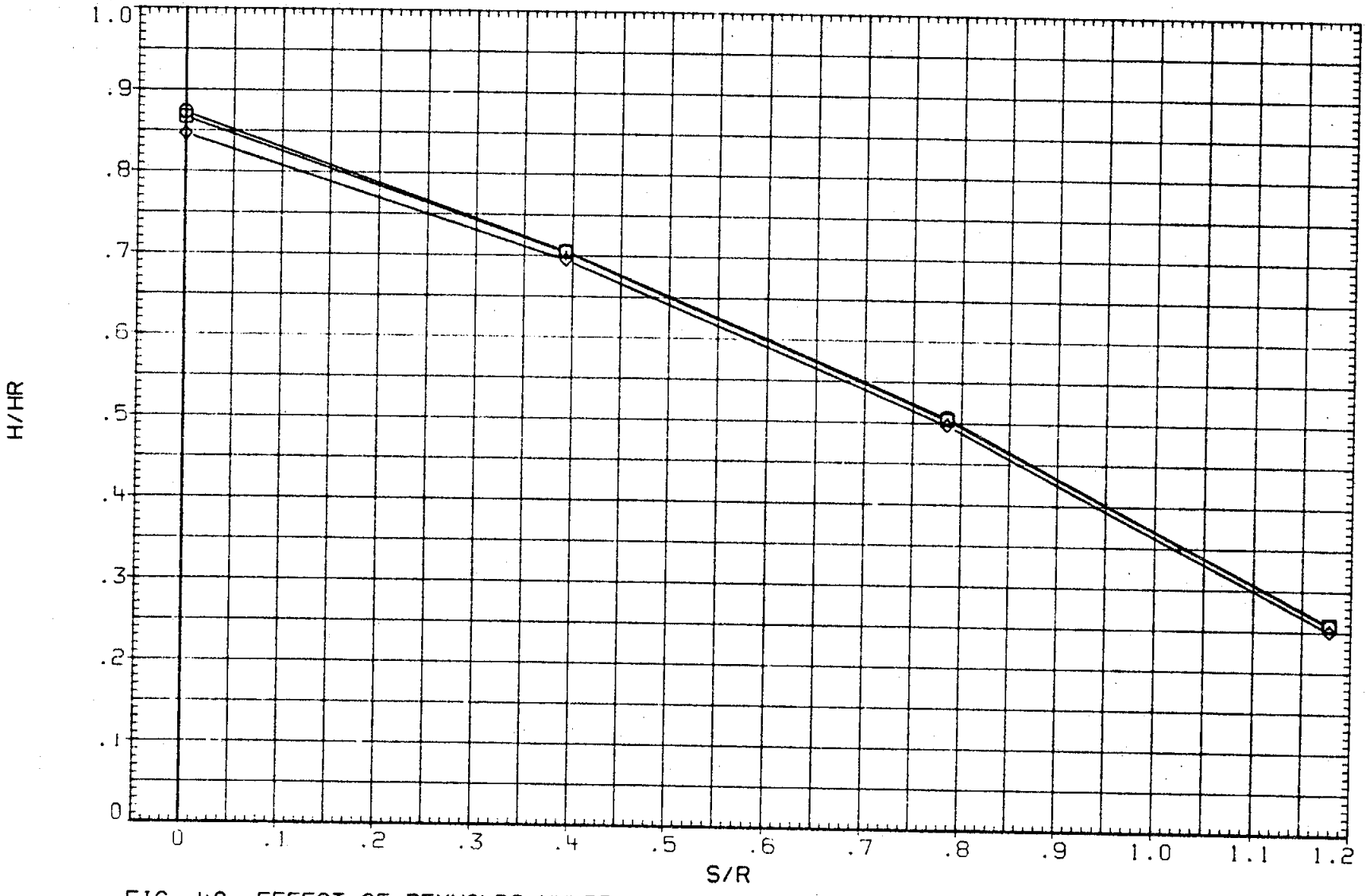


FIG. 40 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 5.0

(R4XS18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.507	135.000	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

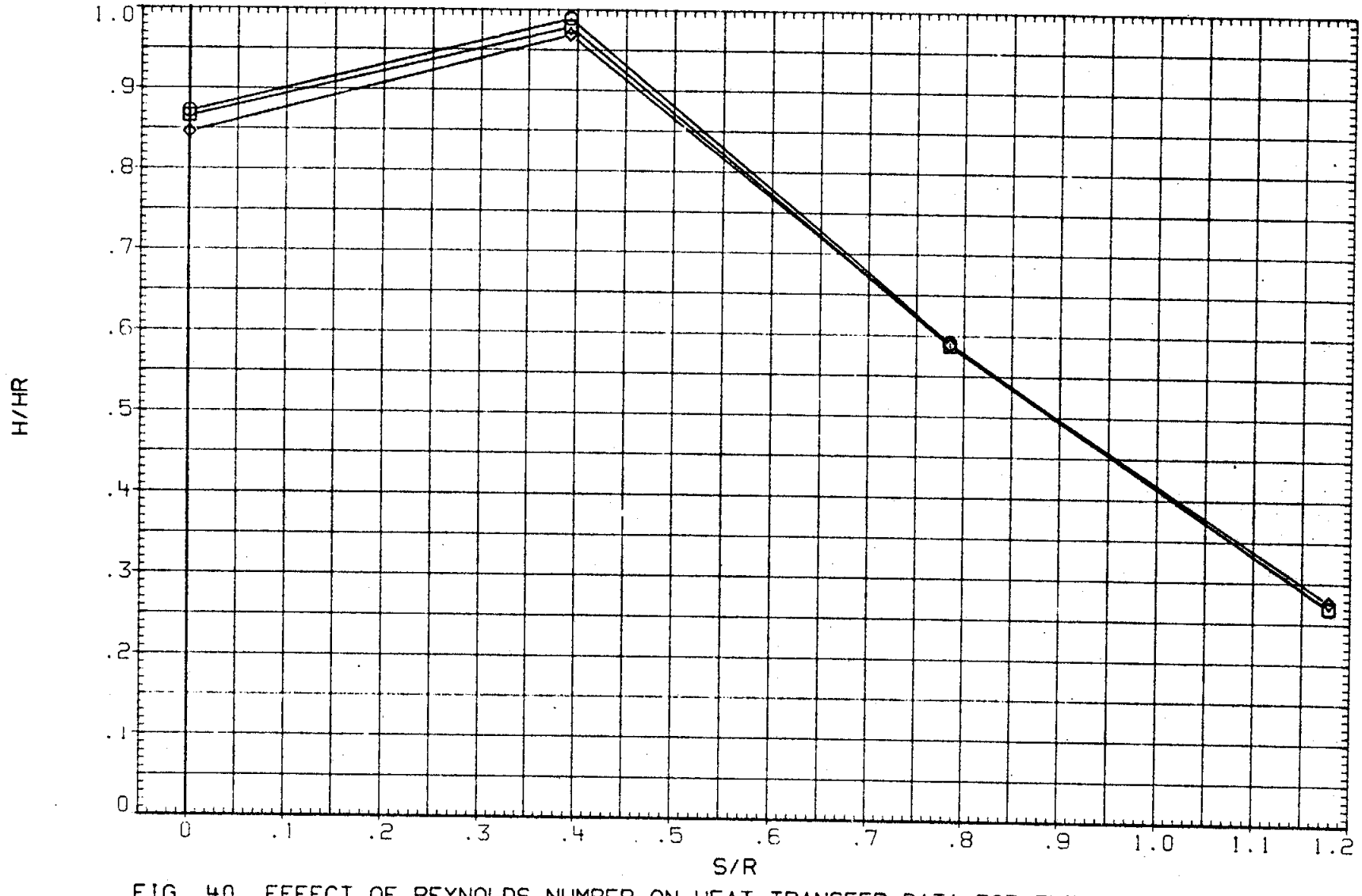


FIG. 40 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 5.0

(R4XS18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.507	180.000	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

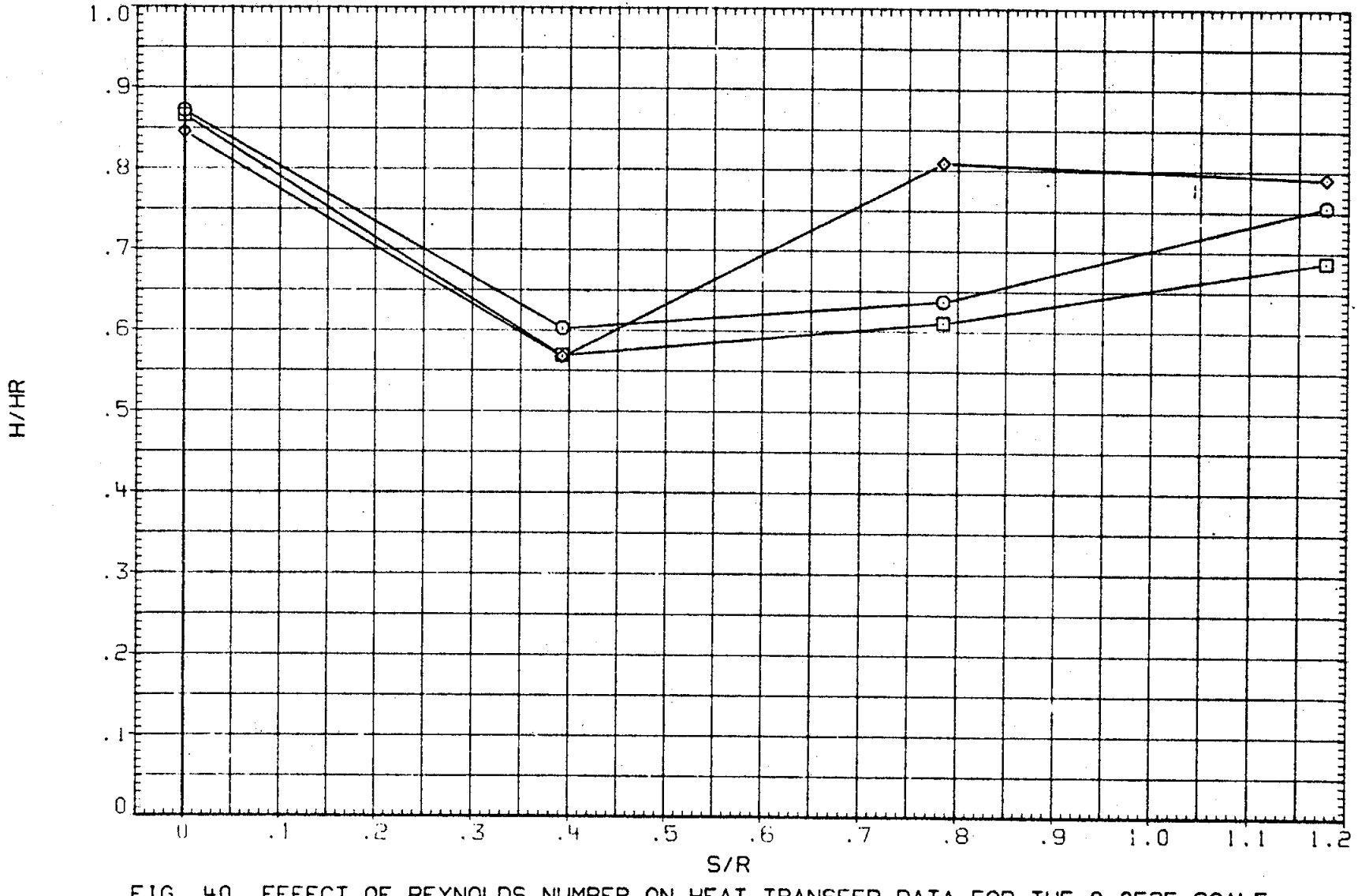


FIG. 40 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 5.0

(R4XS18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.507	225.000	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

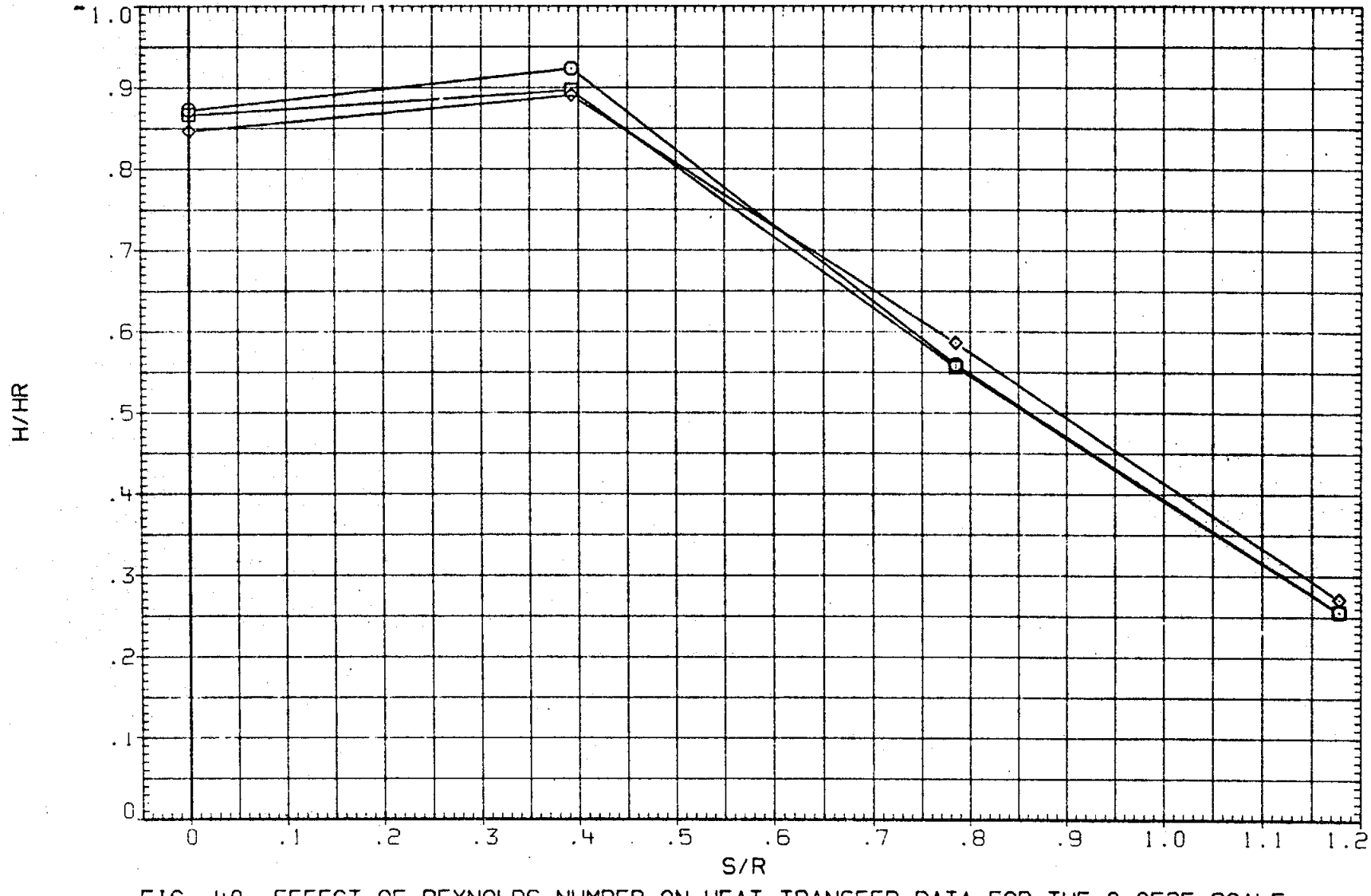


FIG. 40 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 5.0

(R4XS18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.507	270.000	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

FIG. 40 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 5.0

(R4XS21) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.504	.000	30.052
□	1.022		
◇	2.021		
△	3.017		
◁	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA -.002

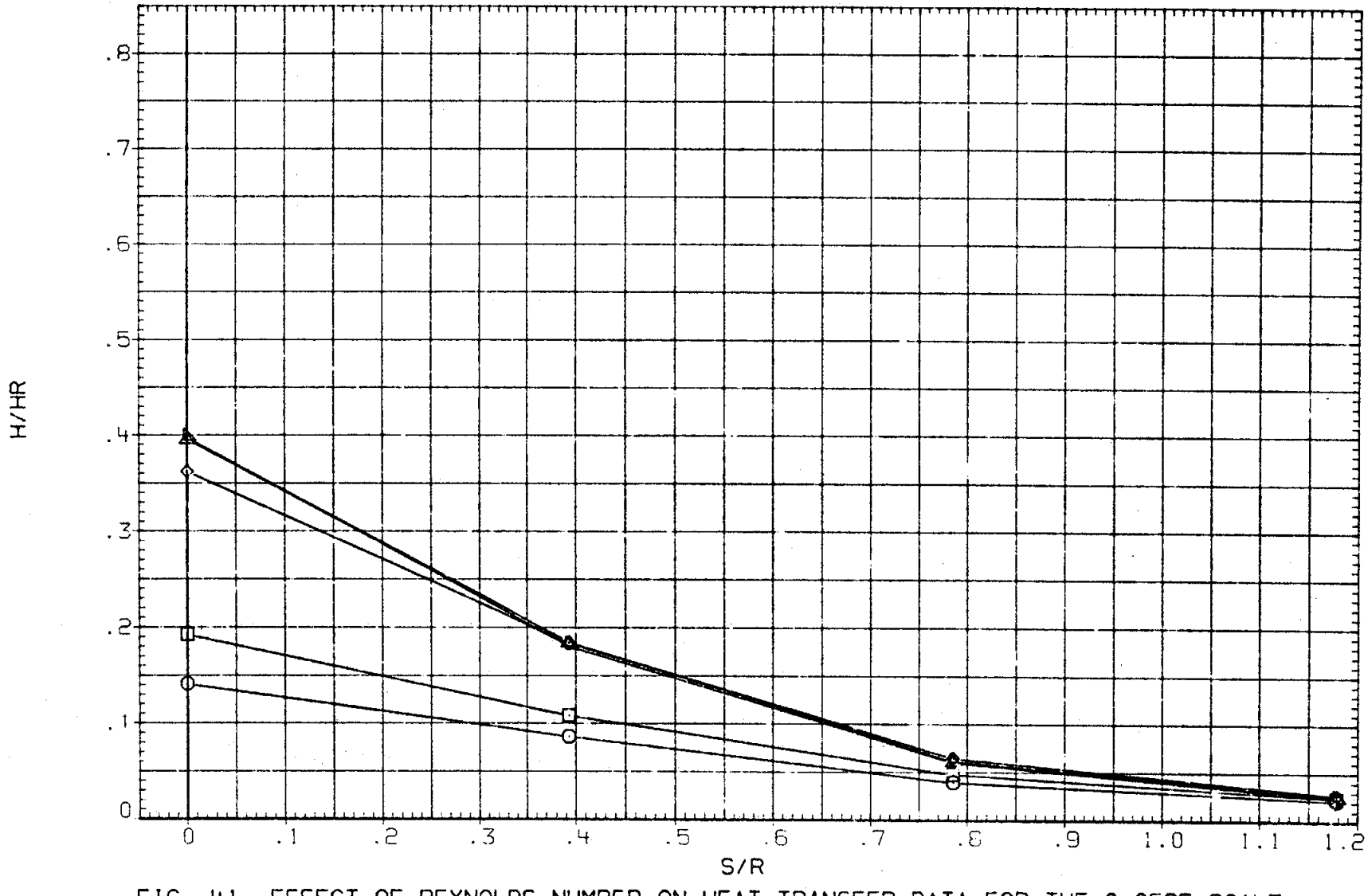


FIG. 41 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 30.0

(R4XS21) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.504	90.000	30.052
□	1.022		
◇	2.021		
△	3.017		
◁	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA -.002

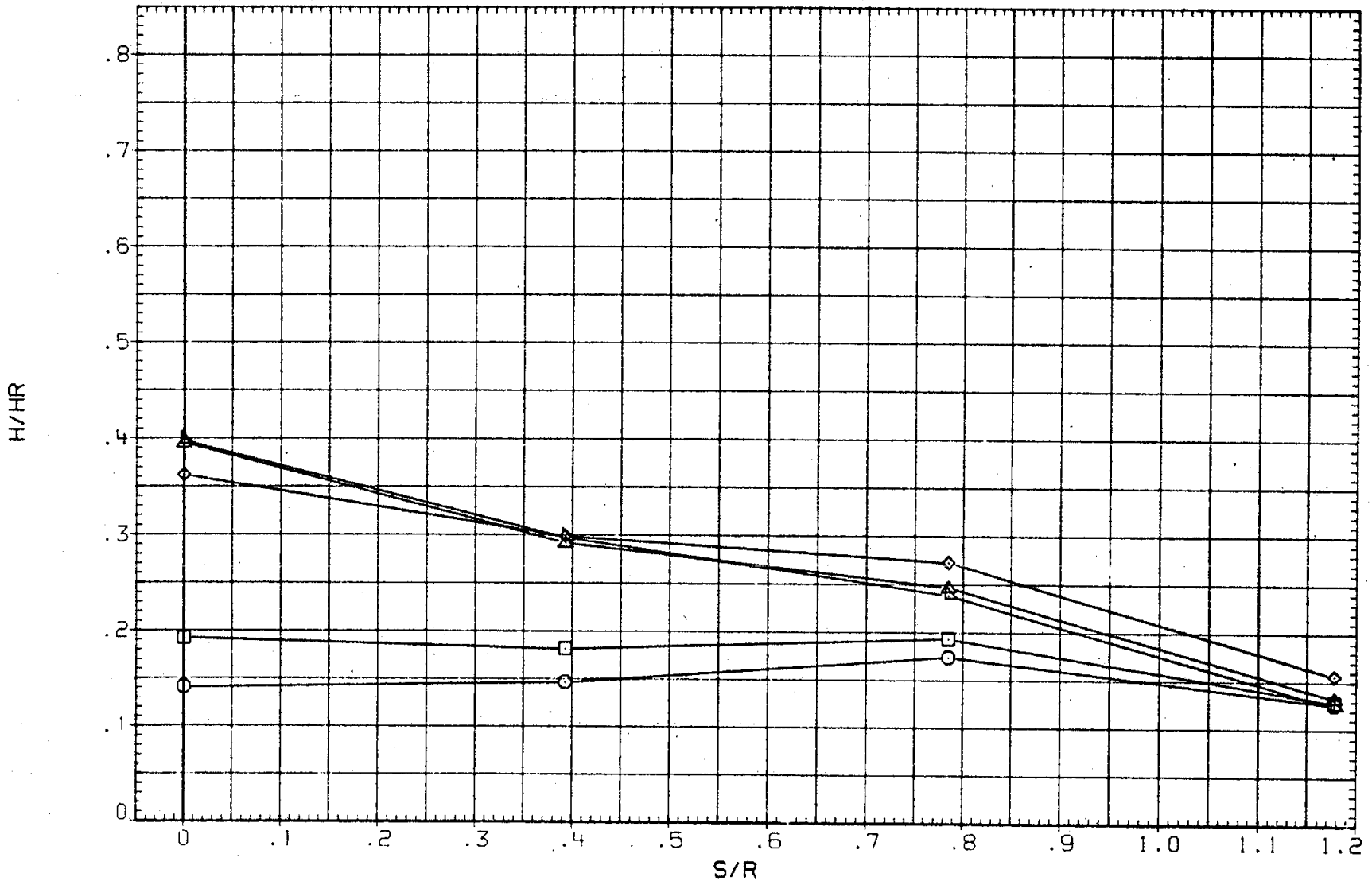


FIG. 41 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 30.0

(R4XS21) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.504	135.000	30.052
□	1.022		
◇	2.021		
△	3.017		
◁	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA -.002

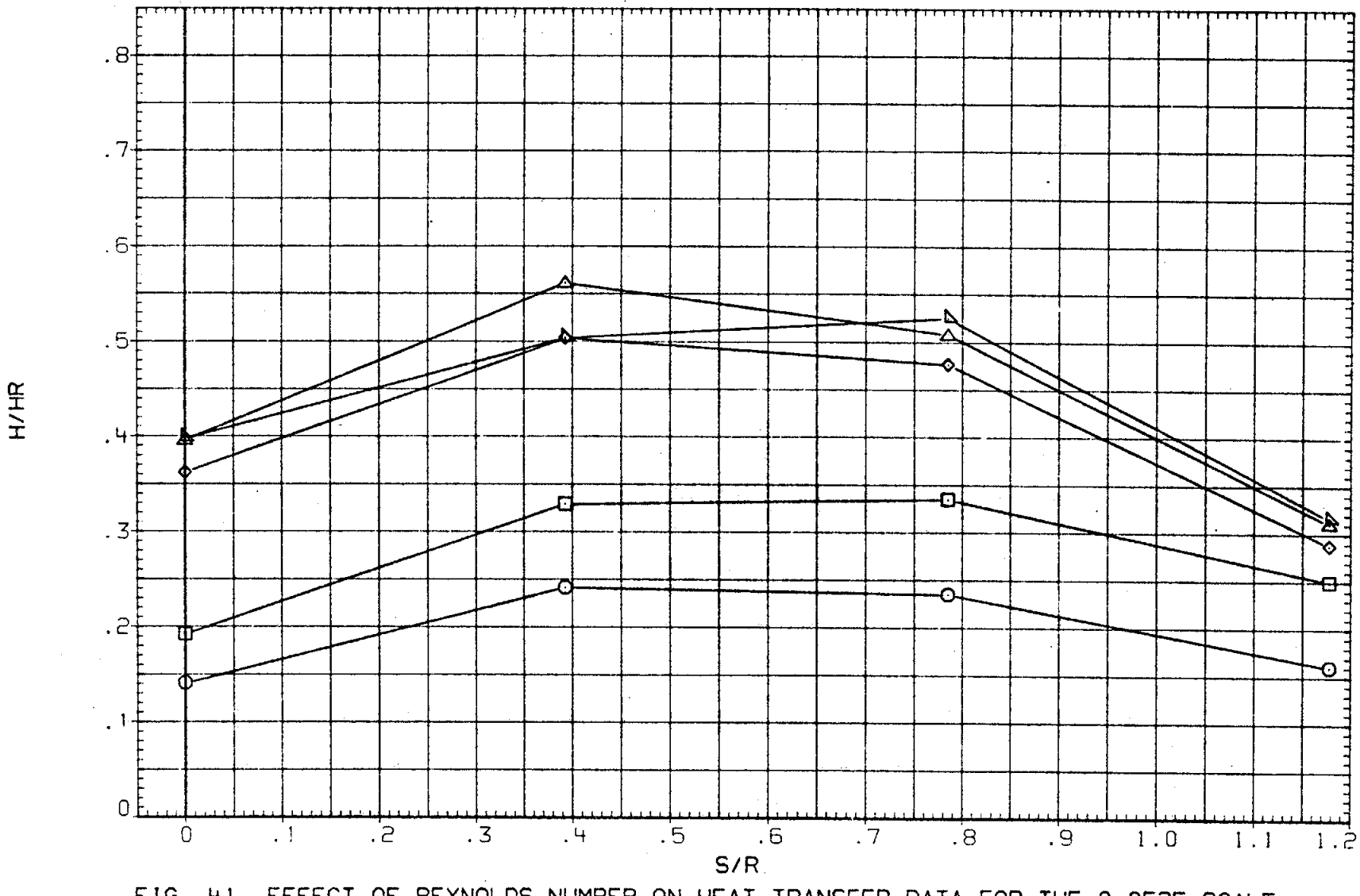


FIG. 41 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 30.0

(R4XS21) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.504	180.000	30.052
□	1.022		
◇	2.021		
△	3.017		
◺	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA -.002

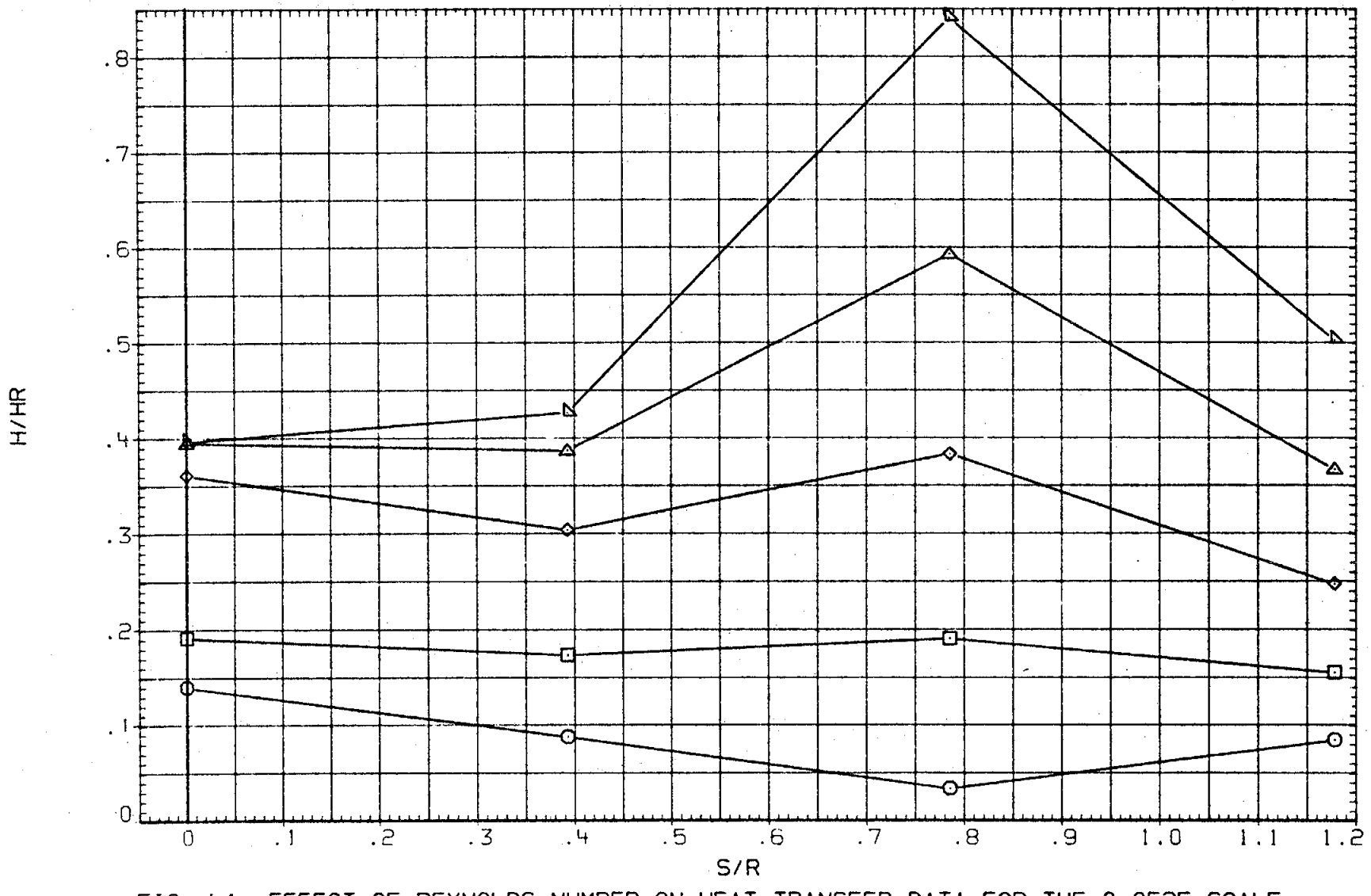


FIG. 41 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 30.0

(R4XS21) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.504	225.000	30.052
□	1.022		
◇	2.021		
△	3.017		
◺	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA -.002

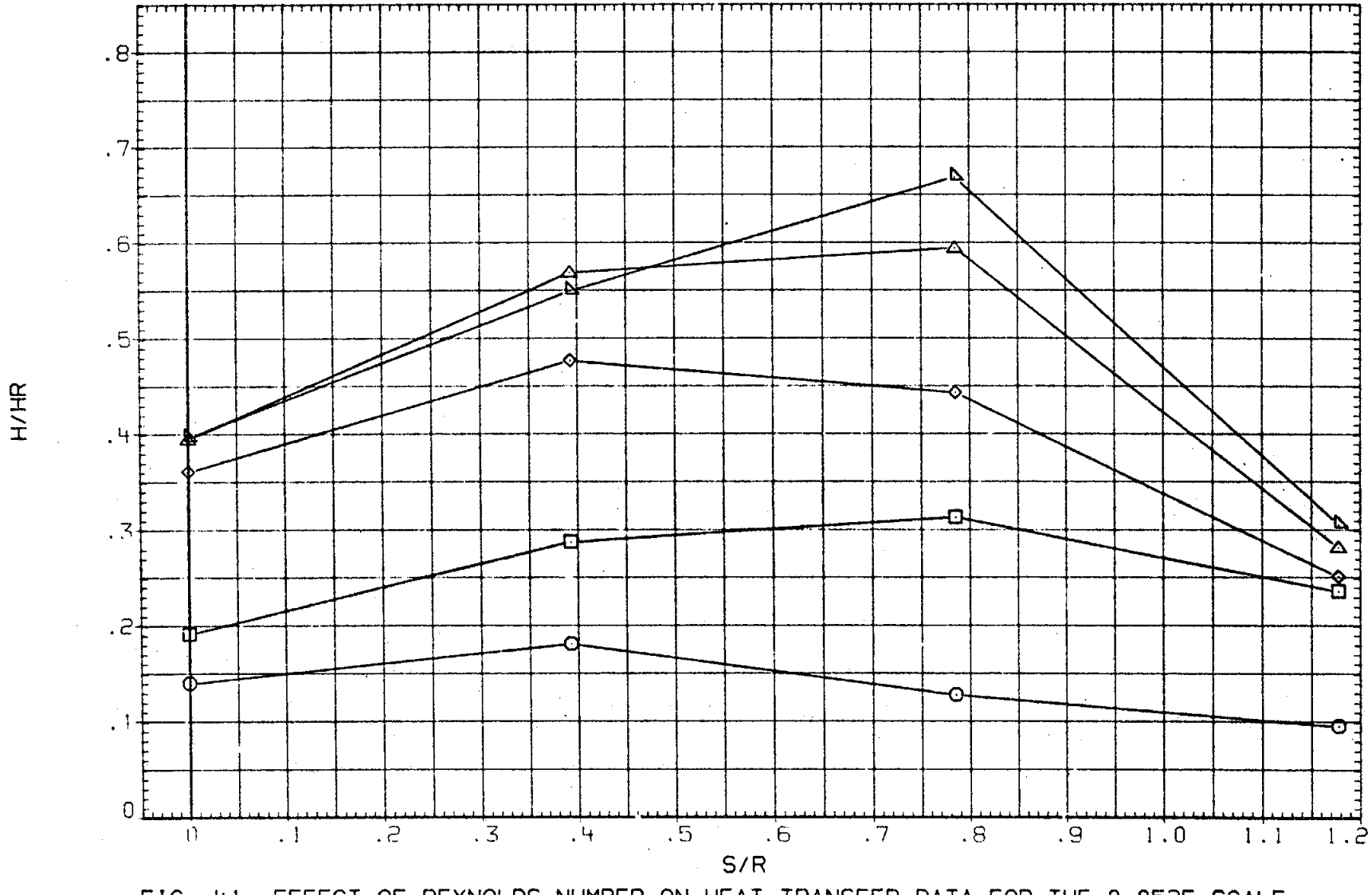


FIG. 41 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 30.0

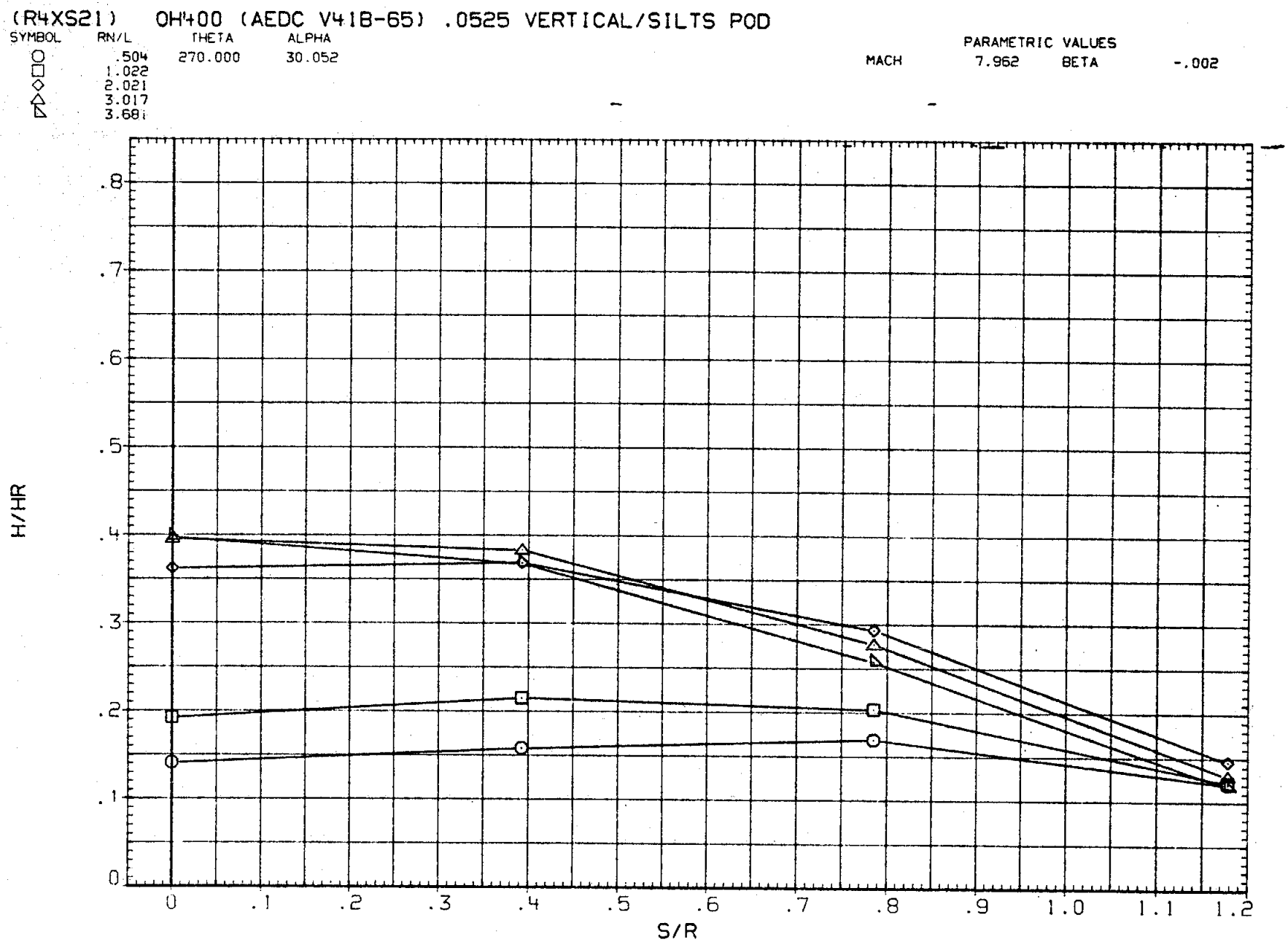


FIG. 41 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 30.0

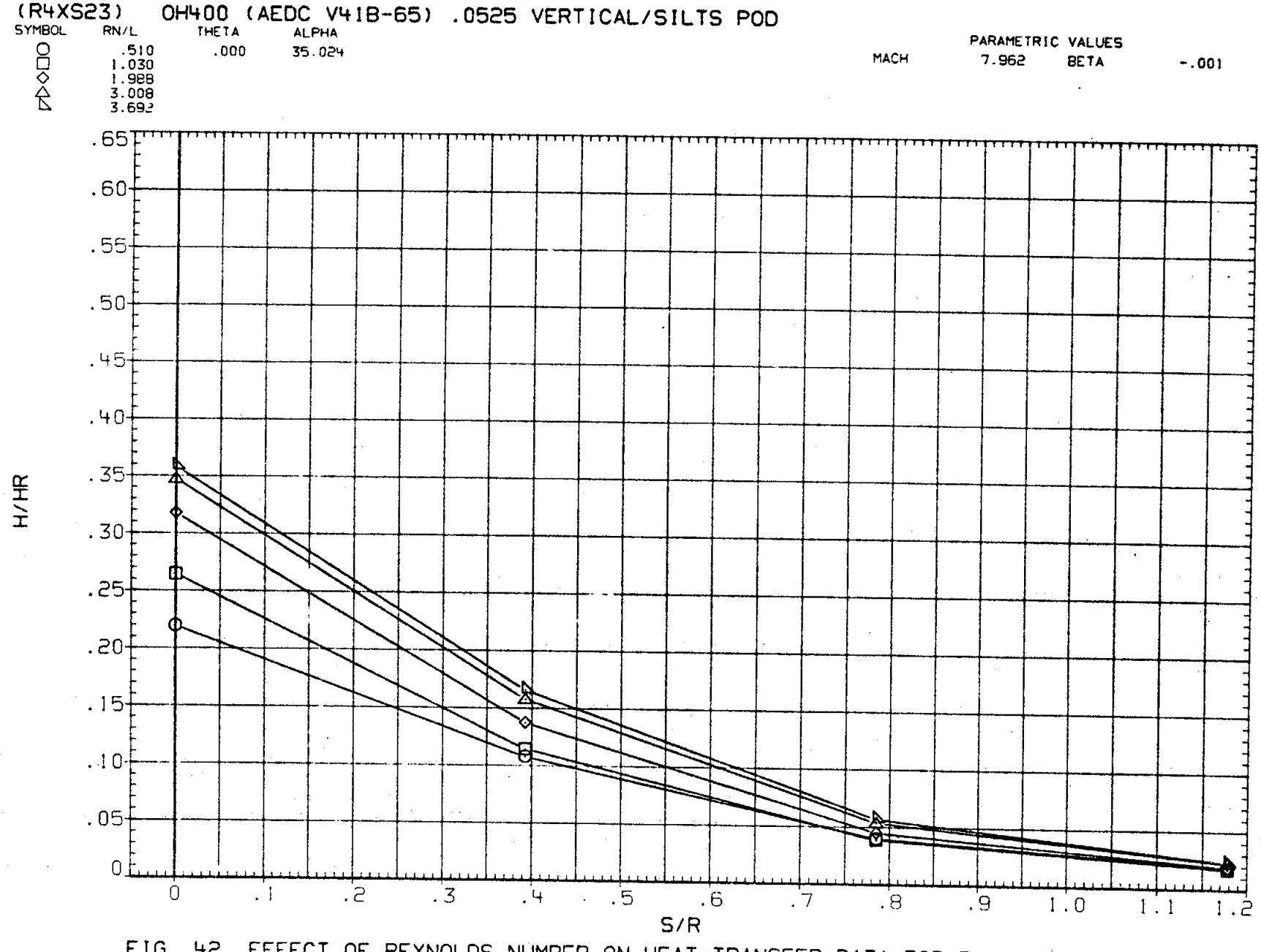


FIG. 42 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 35.0

(R4XS23) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.510	90.000	35.024
□	1.030		
◇	1.988		
△	3.008		
◺	3.692		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

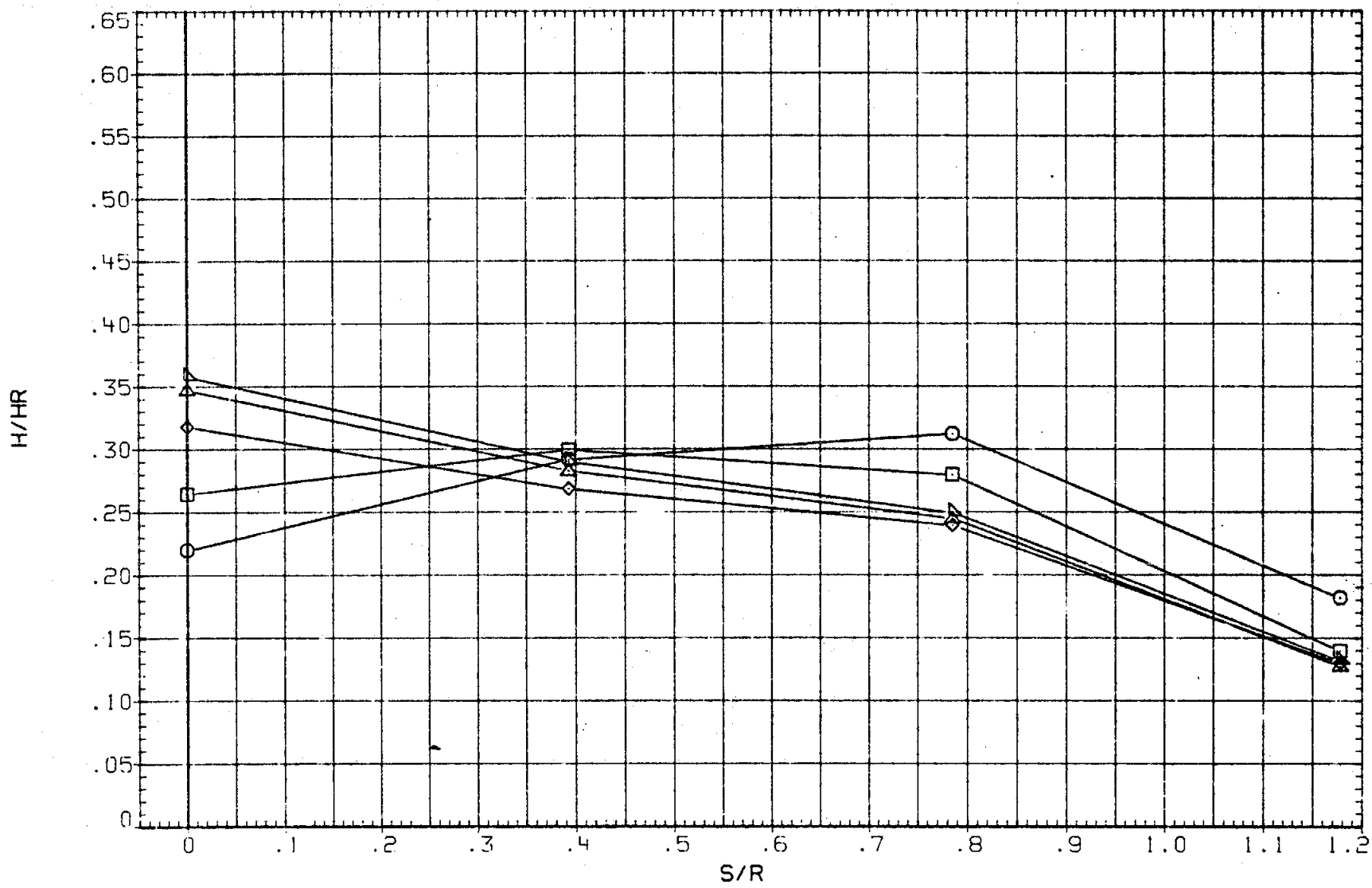


FIG. 42 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 35.0

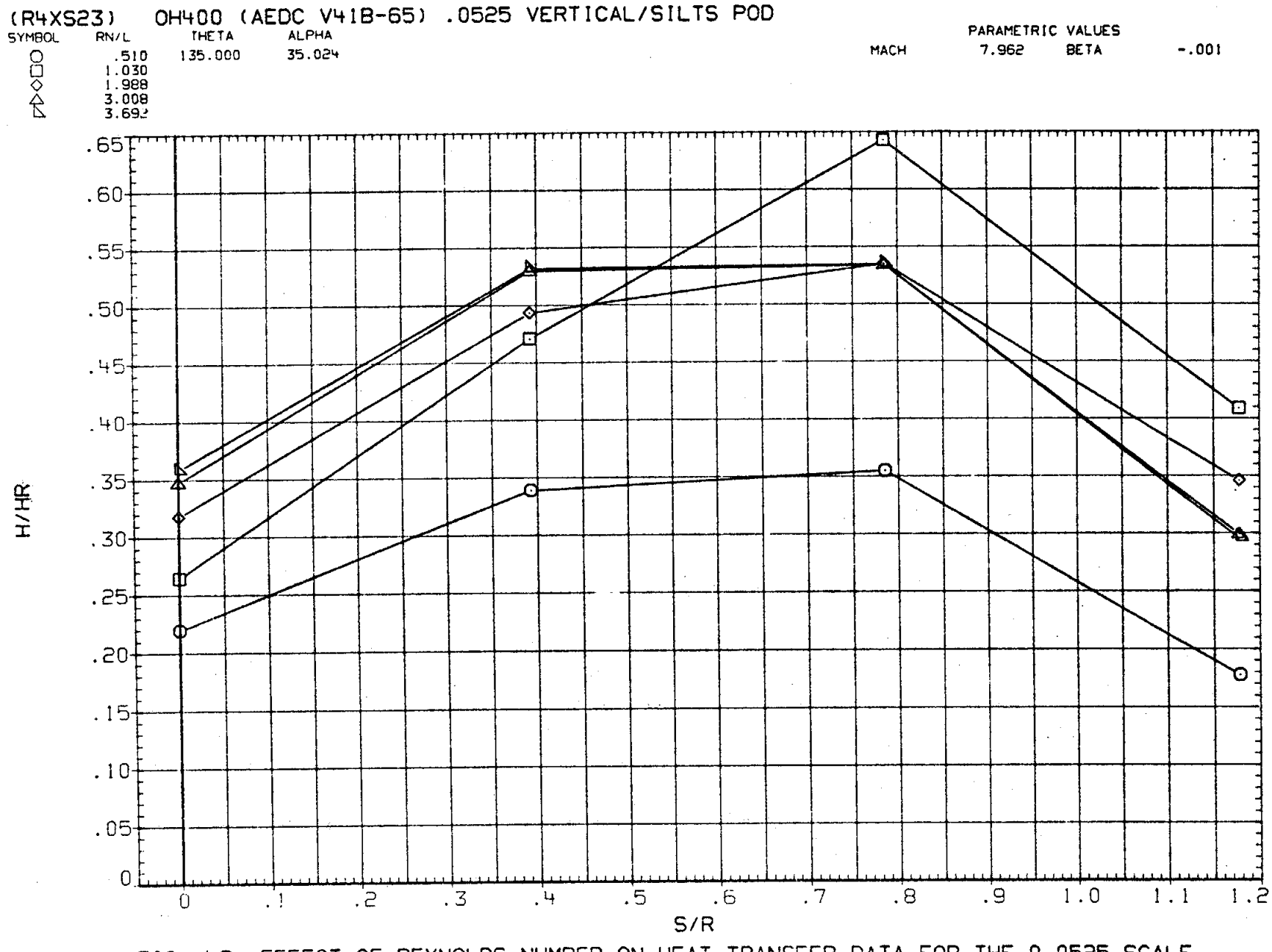


FIG. 42 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 35.0

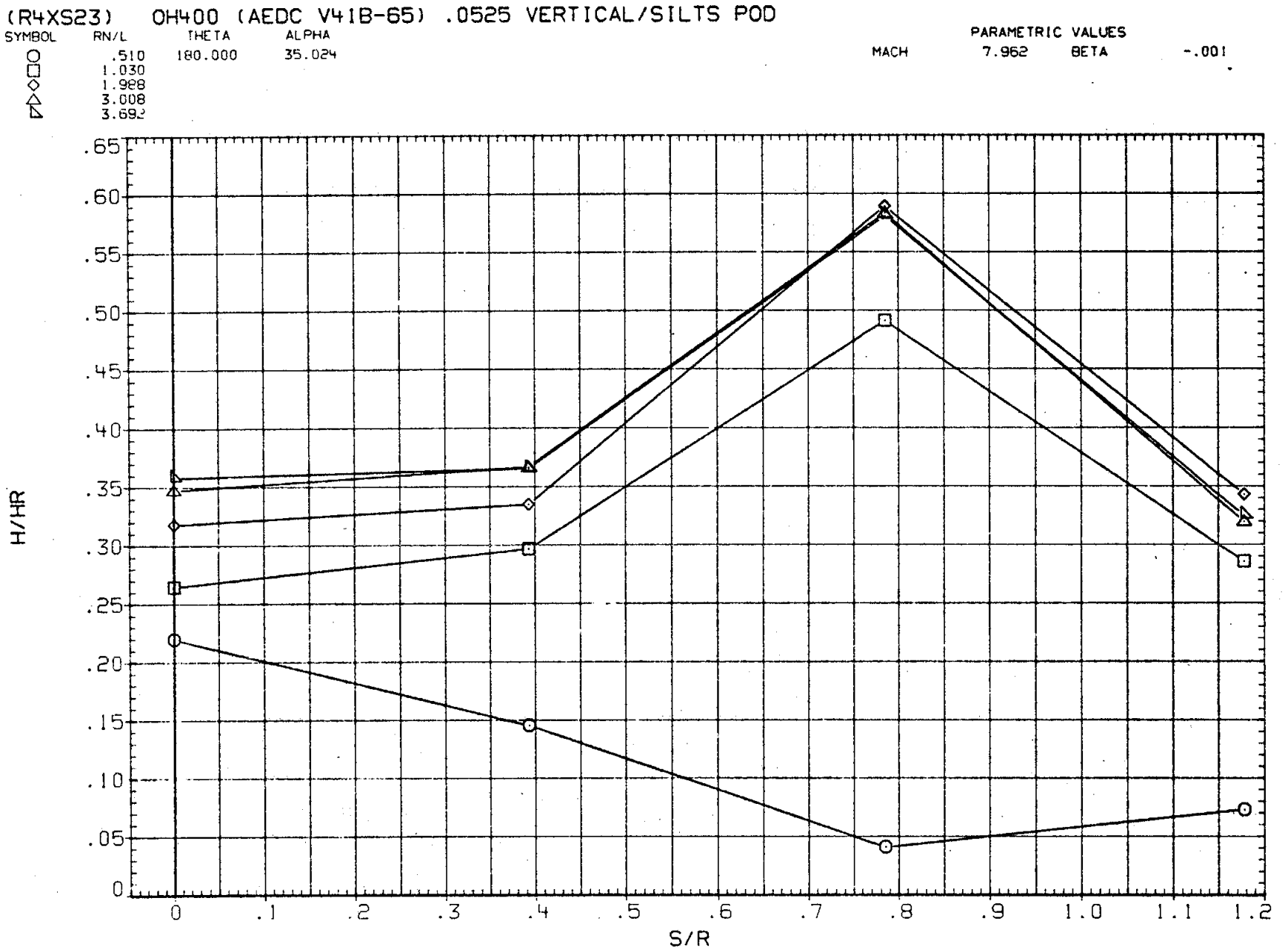


FIG. 42 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 35.0

(R4XS23) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.510	225.000	35.024
□	1.030		
◇	1.988		
△	3.008		
◁	3.692		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

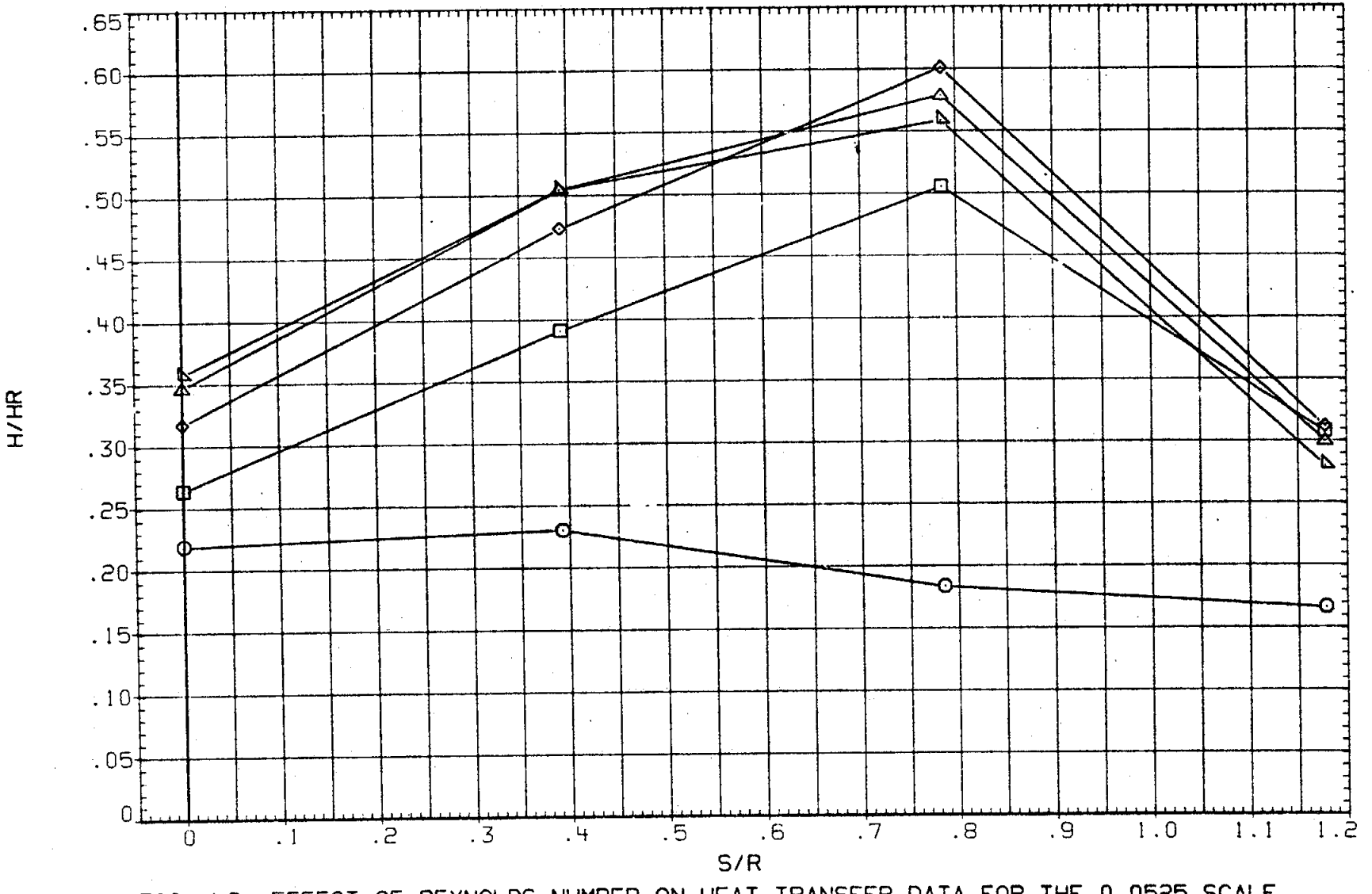


FIG. 42 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 35.0

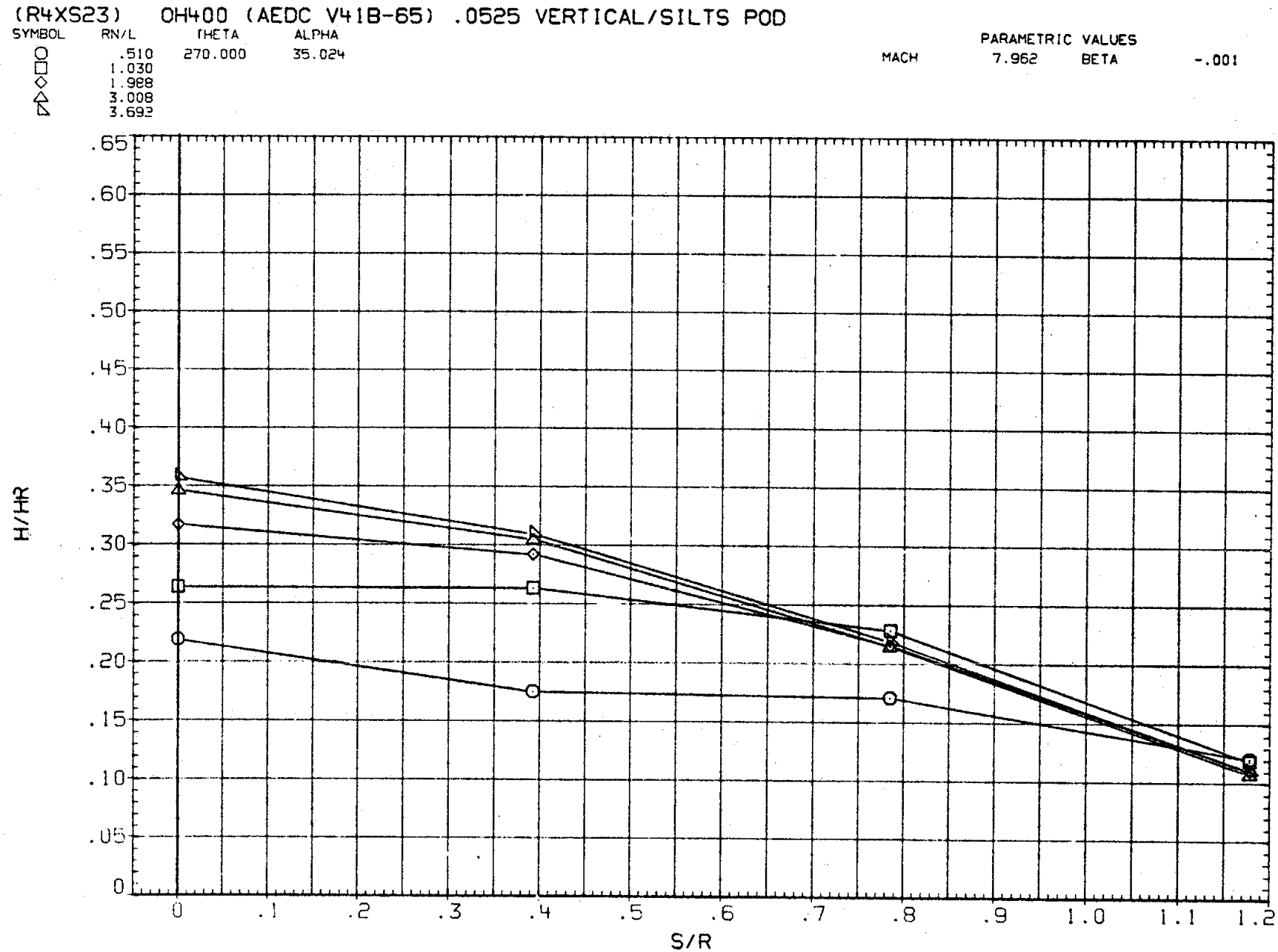


FIG. 42 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 35.0

(R4XS24) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.510	.000	40.008
□	1.027		
◇	1.998		
△	3.009		
◺	3.665		

PARAMETRIC VALUES

MACH 7.962 BETA .002

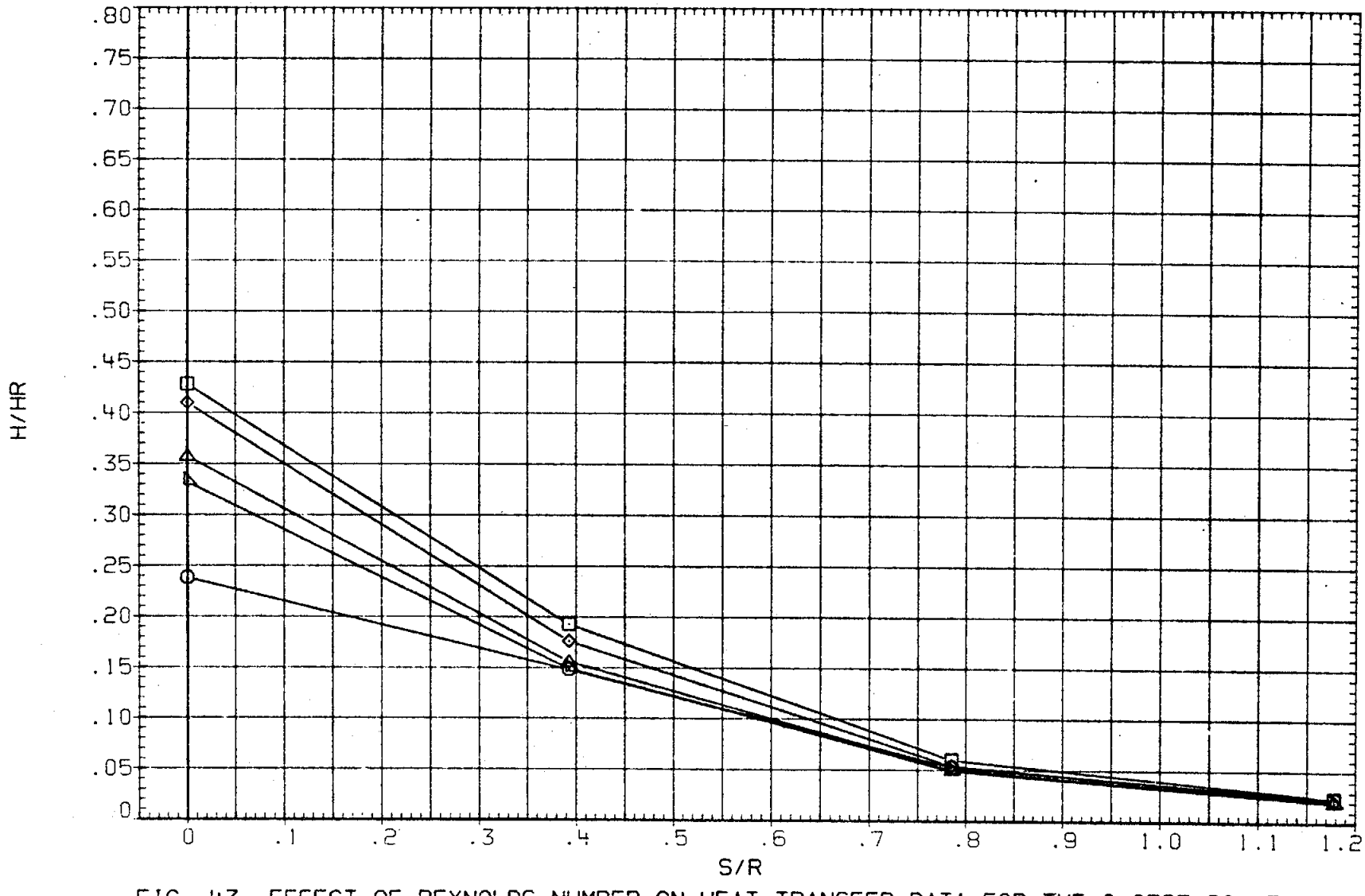


FIG. 43 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 40.0

(R4XS24) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.510	90.000	40.008
□	1.027		
◇	1.998		
△	3.009		
▷	3.665		

PARAMETRIC VALUES

MACH 7.962 BETA .002

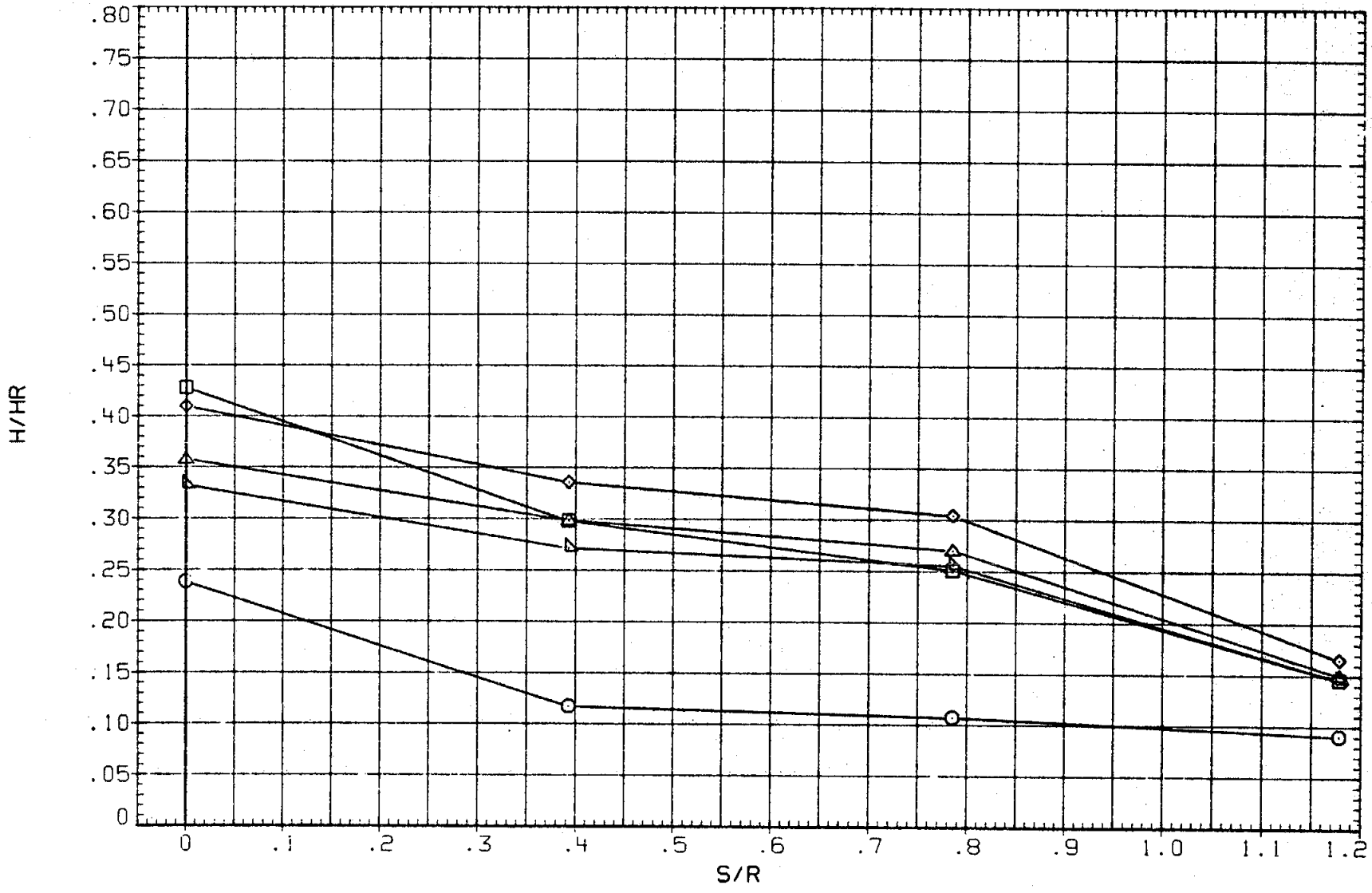


FIG. 43 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 40.0

(R4XS24) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.510	135.000	40.008
□	1.027		
◇	1.998		
△	3.009		
◺	3.665		

PARAMETRIC VALUES

MACH 7.962 BETA .002

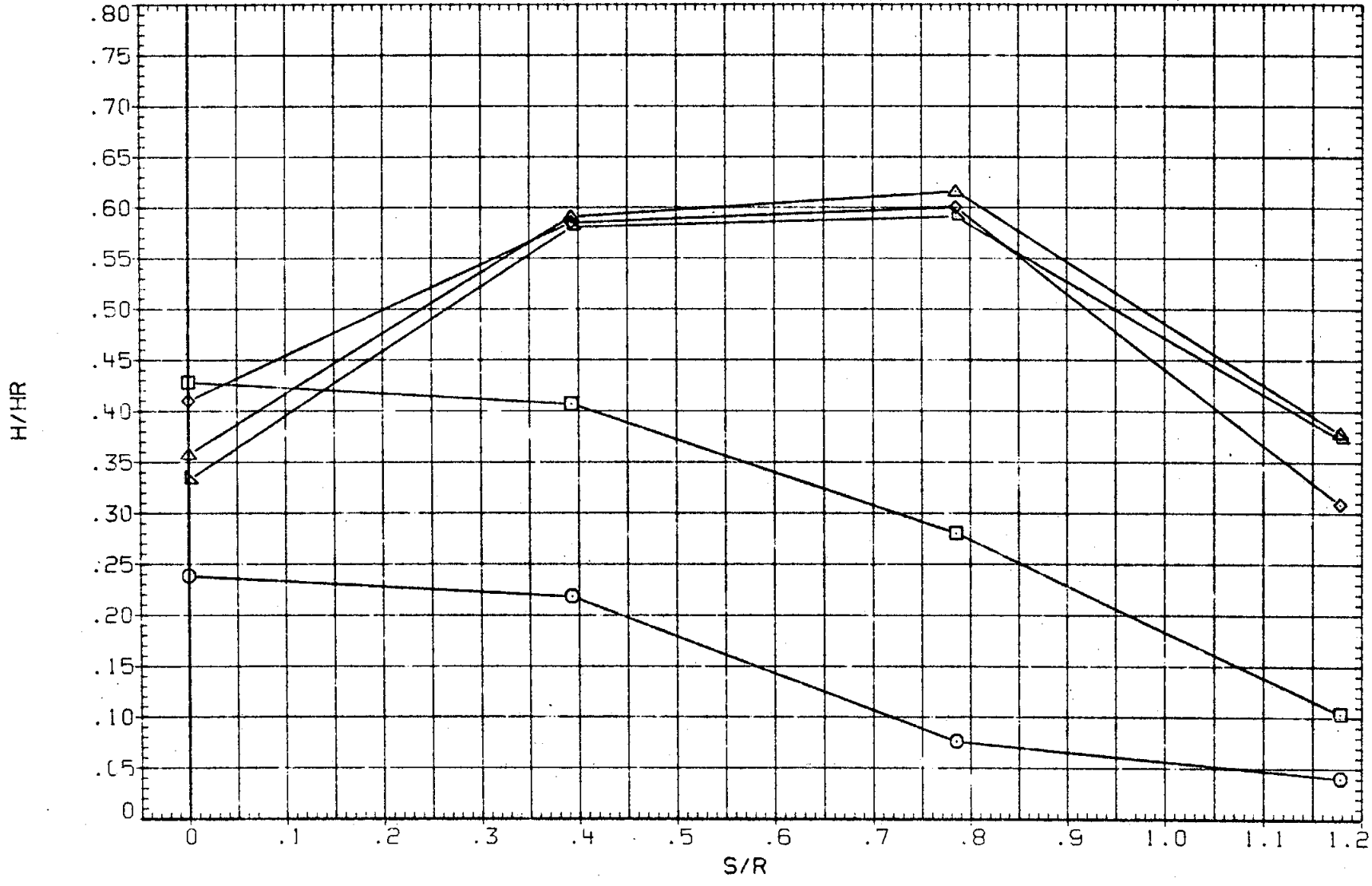


FIG. 43 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 40.0

(R4XS24) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.510	180.000	40.008
□	1.027		
◇	1.998		
△	3.009		
◺	3.605		

PARAMETRIC VALUES

MACH 7.962 BETA .002

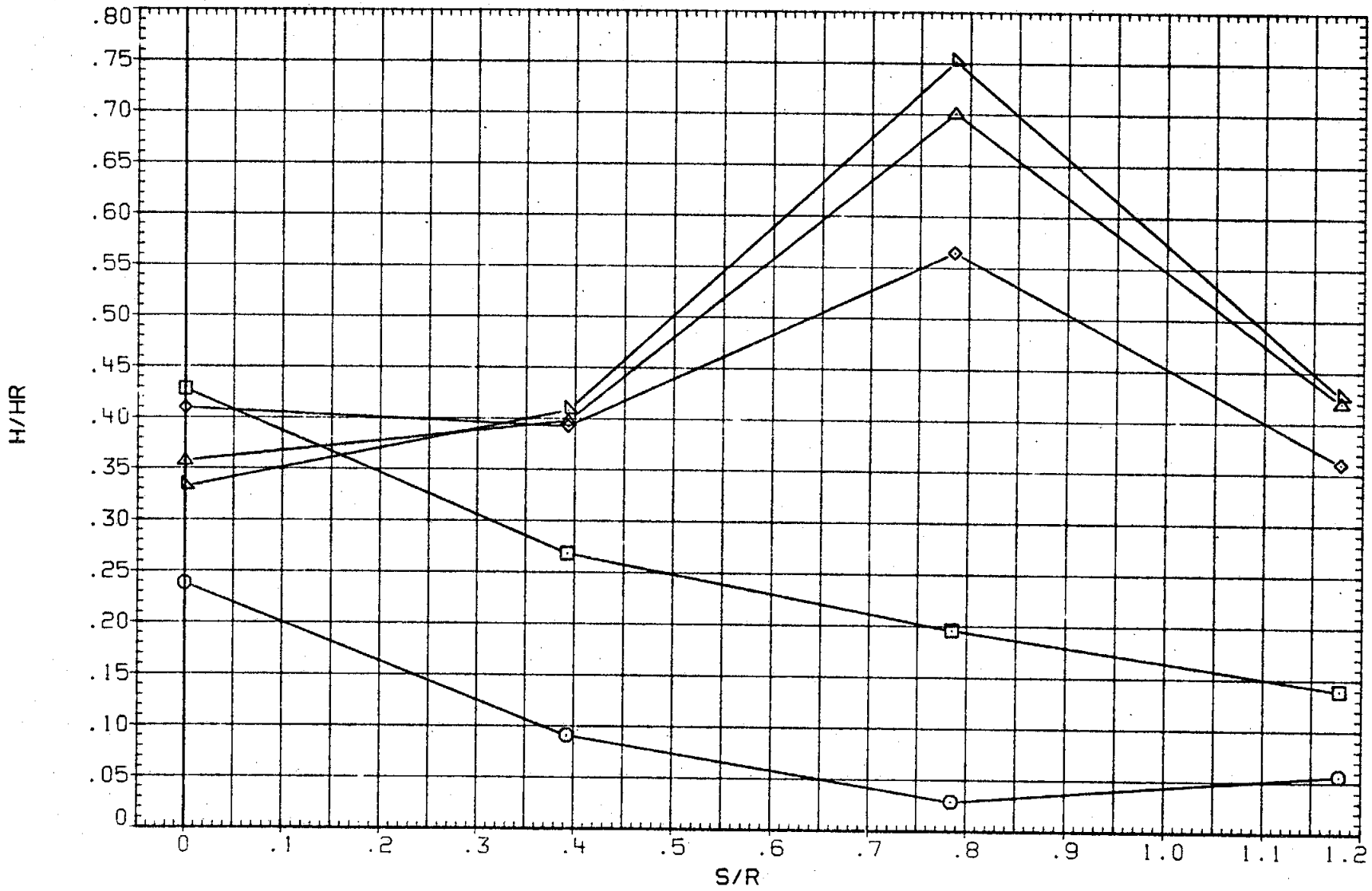


FIG. 43 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 40.0

(R4XS24) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.510	225.000	40.008
□	1.027		
◇	1.998		
△	3.009		
▷	3.665		

PARAMETRIC VALUES

MACH 7.962 BETA .002

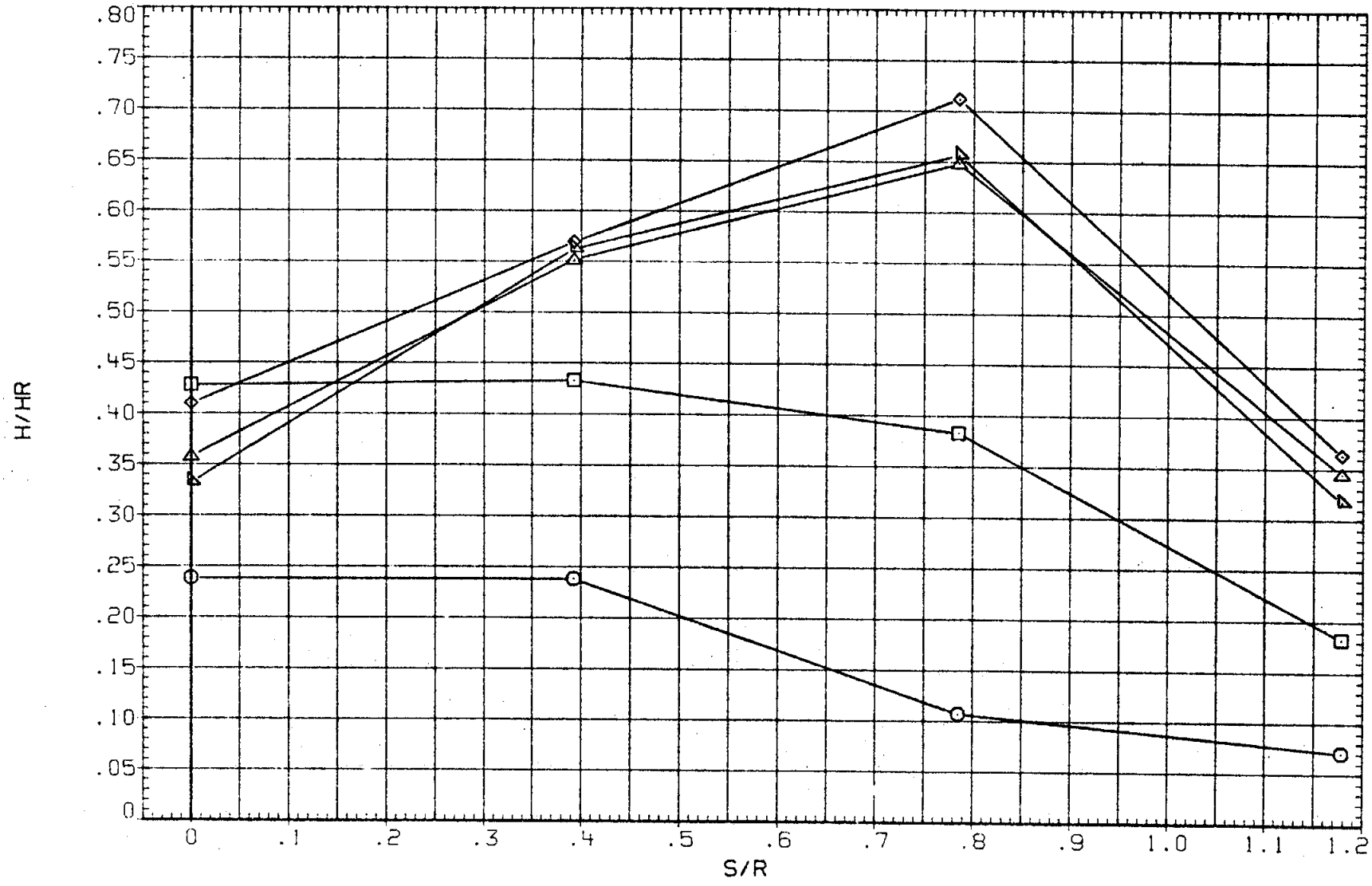


FIG. 43 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 40.0

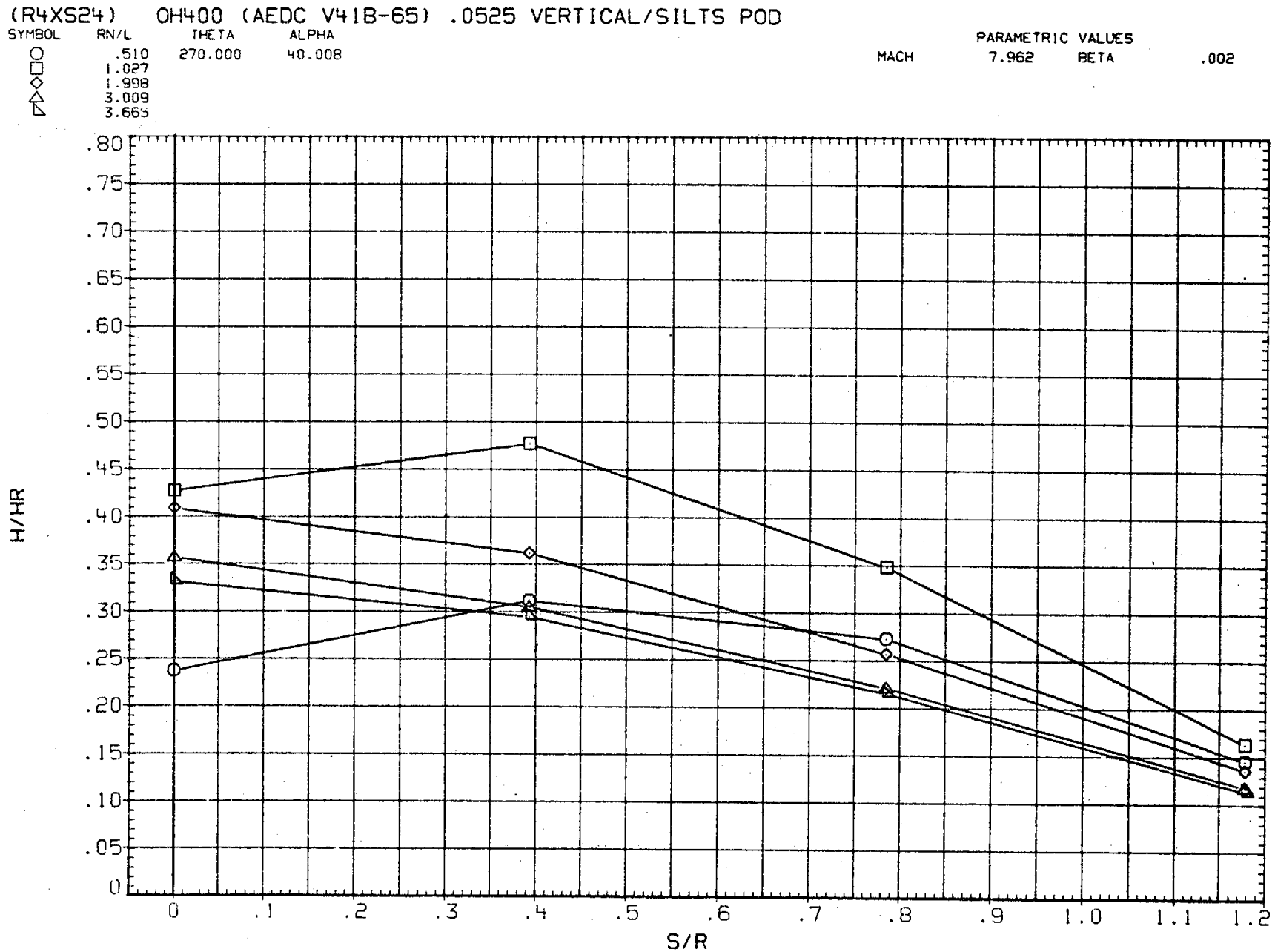


FIG. 43 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD DOME - ALPHA = 40.0

(R4XS12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	.000	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

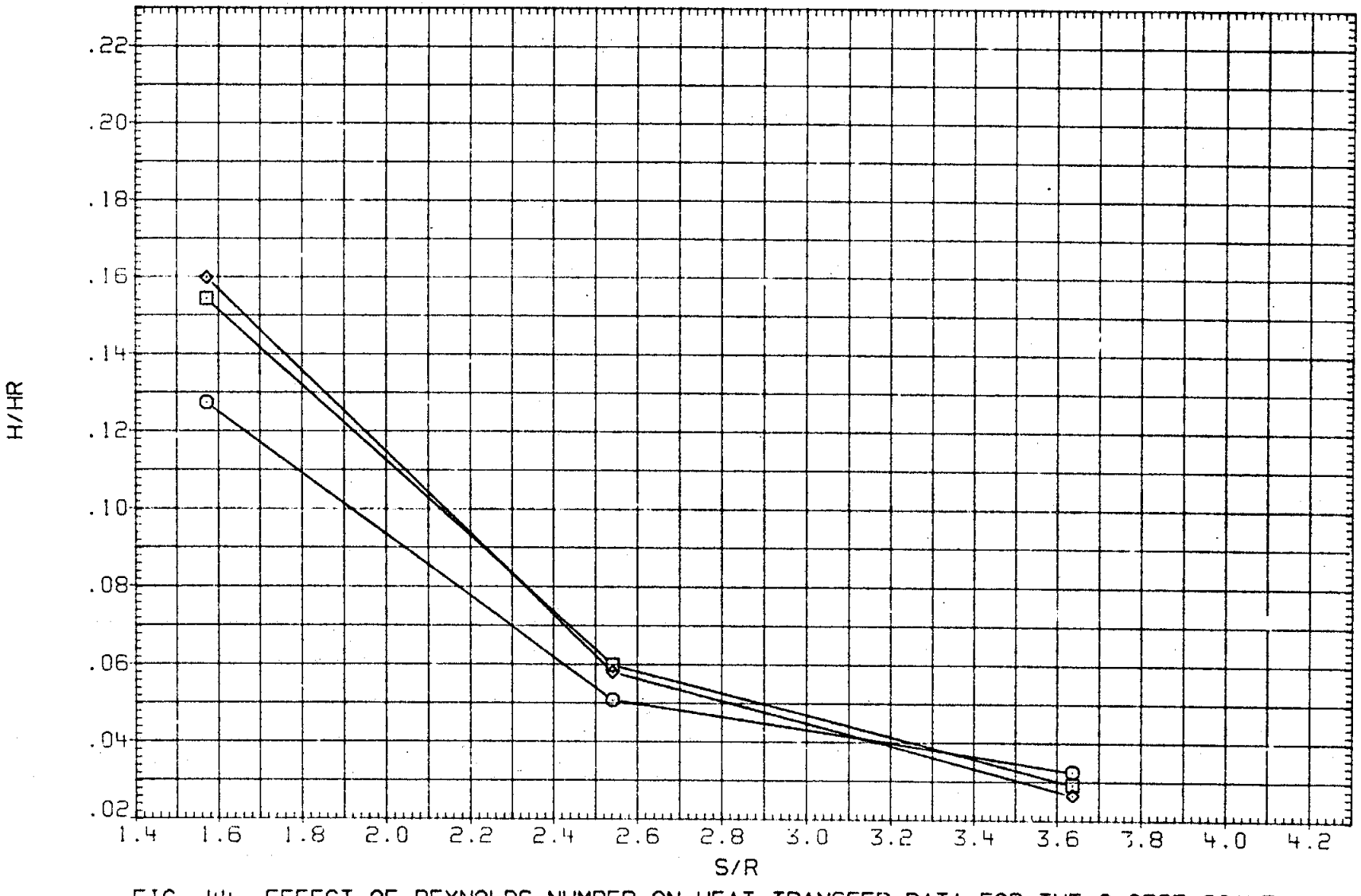


FIG. 44 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = -5.0

(R4XS12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	90.000	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

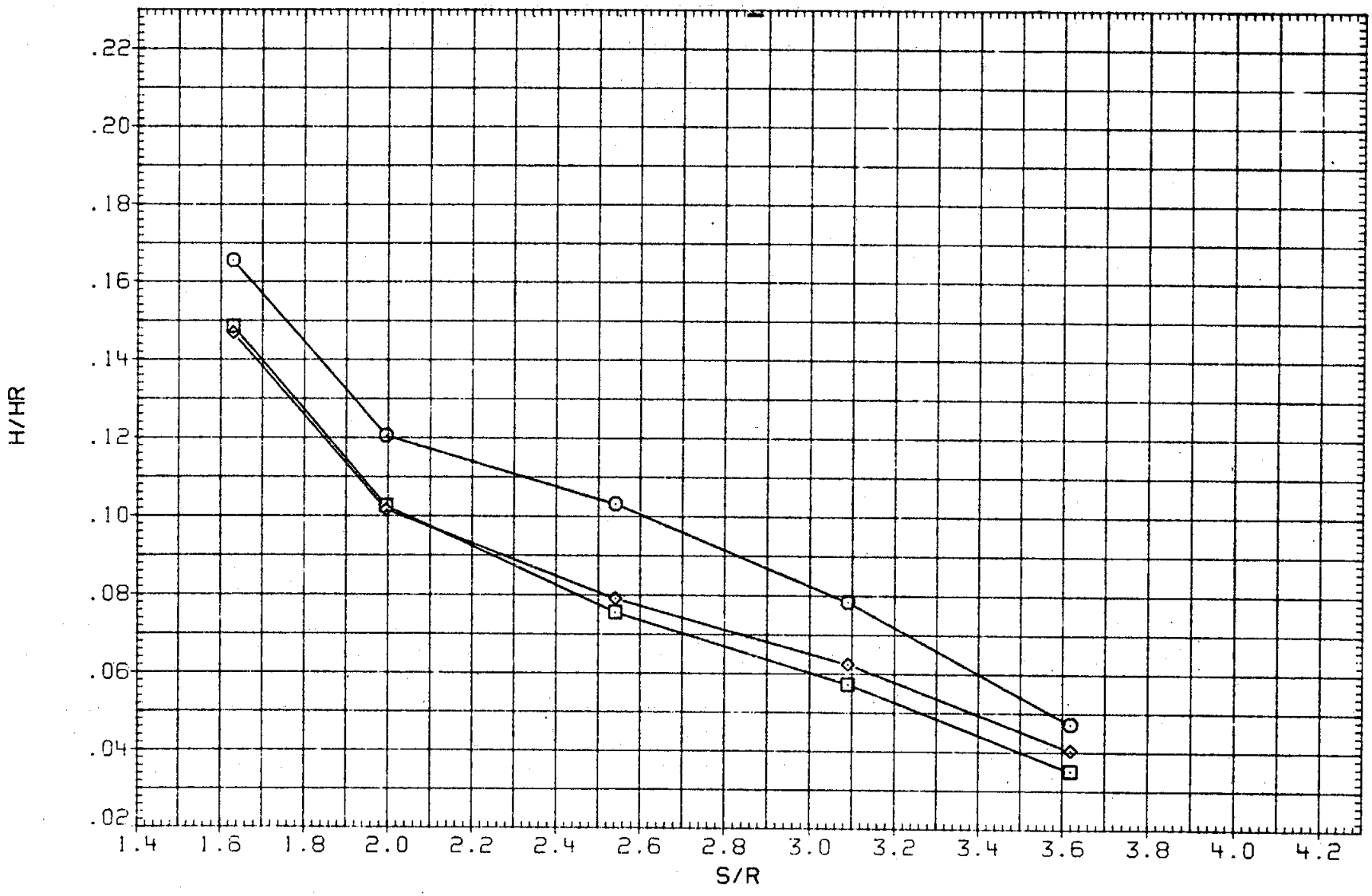


FIG. 44 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = -5.0

(R4XS12) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	135.000	-4.958
□	1.010		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.003

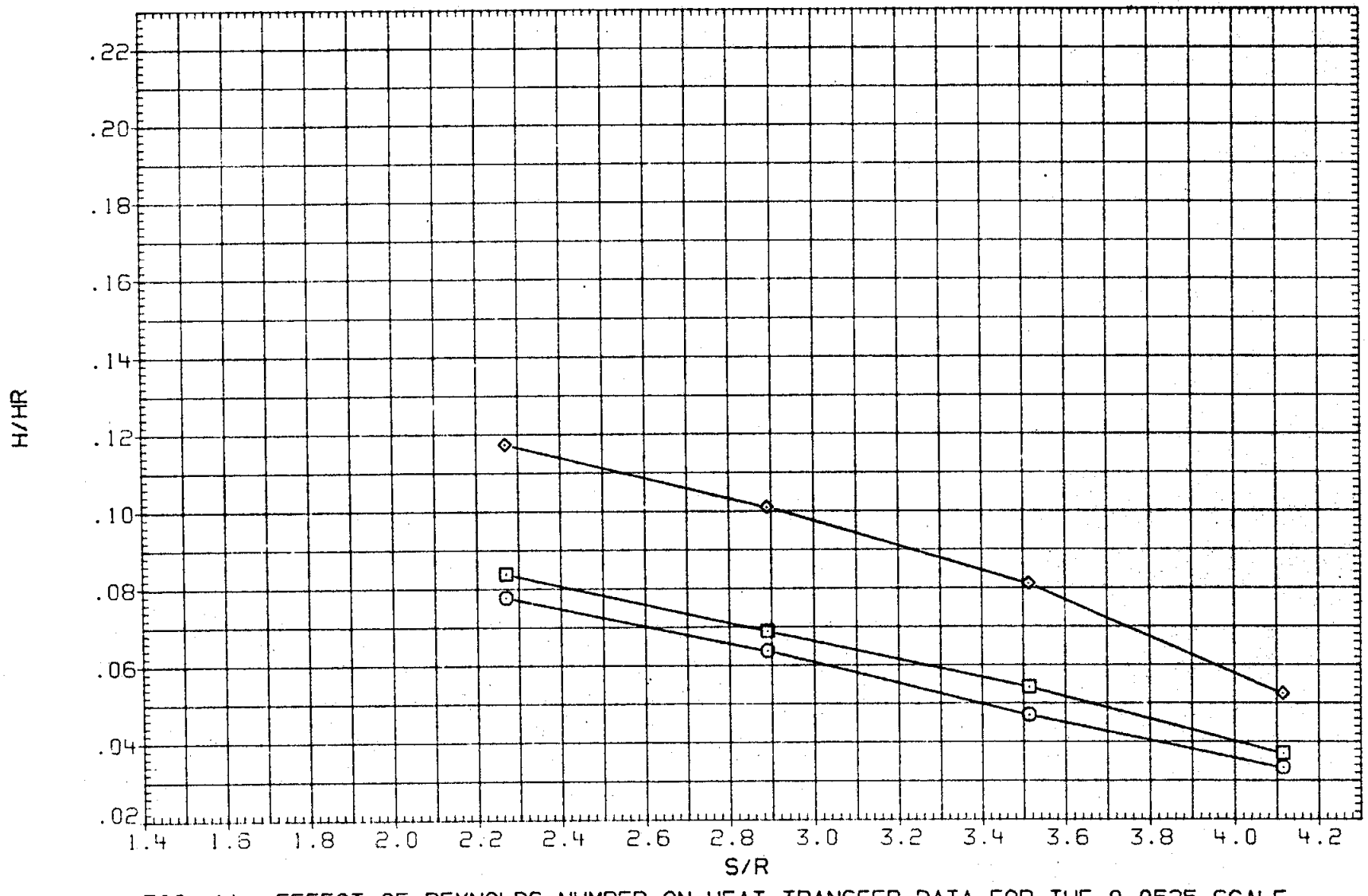


FIG. 44 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = -5.0

(R4XS14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	.000	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

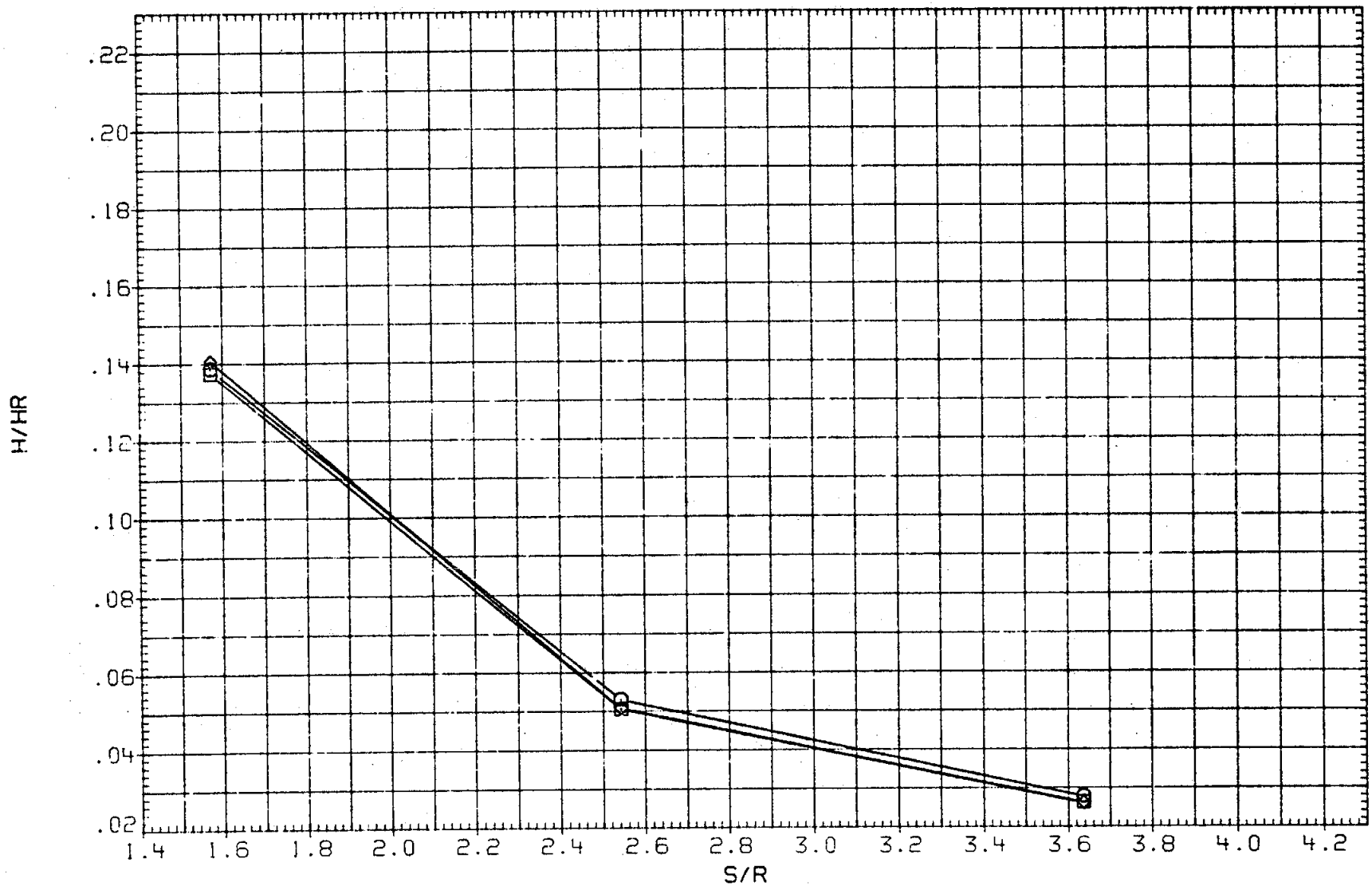


FIG. 45 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = 0.0

(R4XS14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	90.000	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

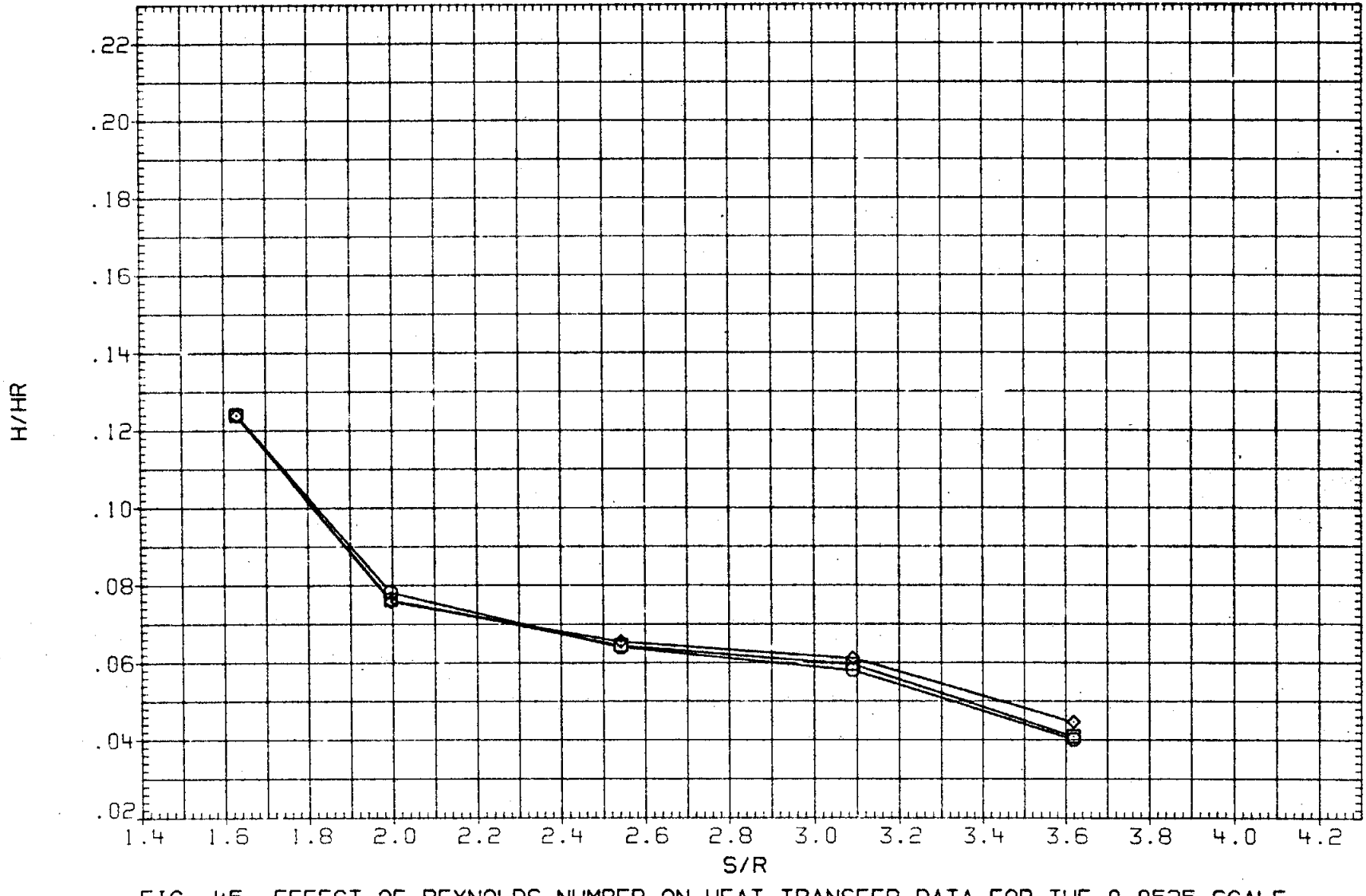


FIG. 45 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = 0.0

(R4XS14) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.508	135.000	.032
□	1.019		
◇	2.027		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

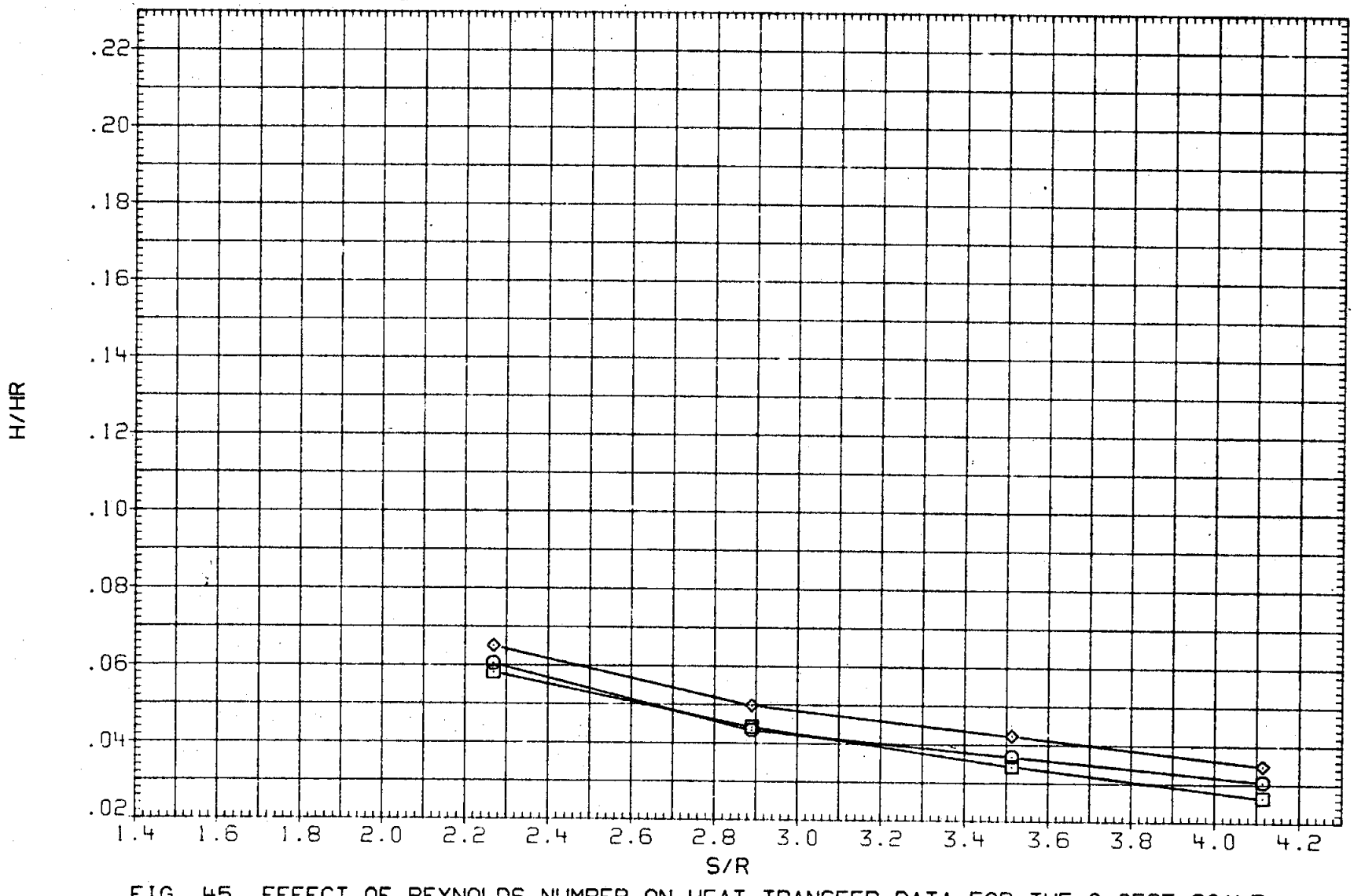


FIG. 45 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = 0.0

(R4XS18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.507	.000	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

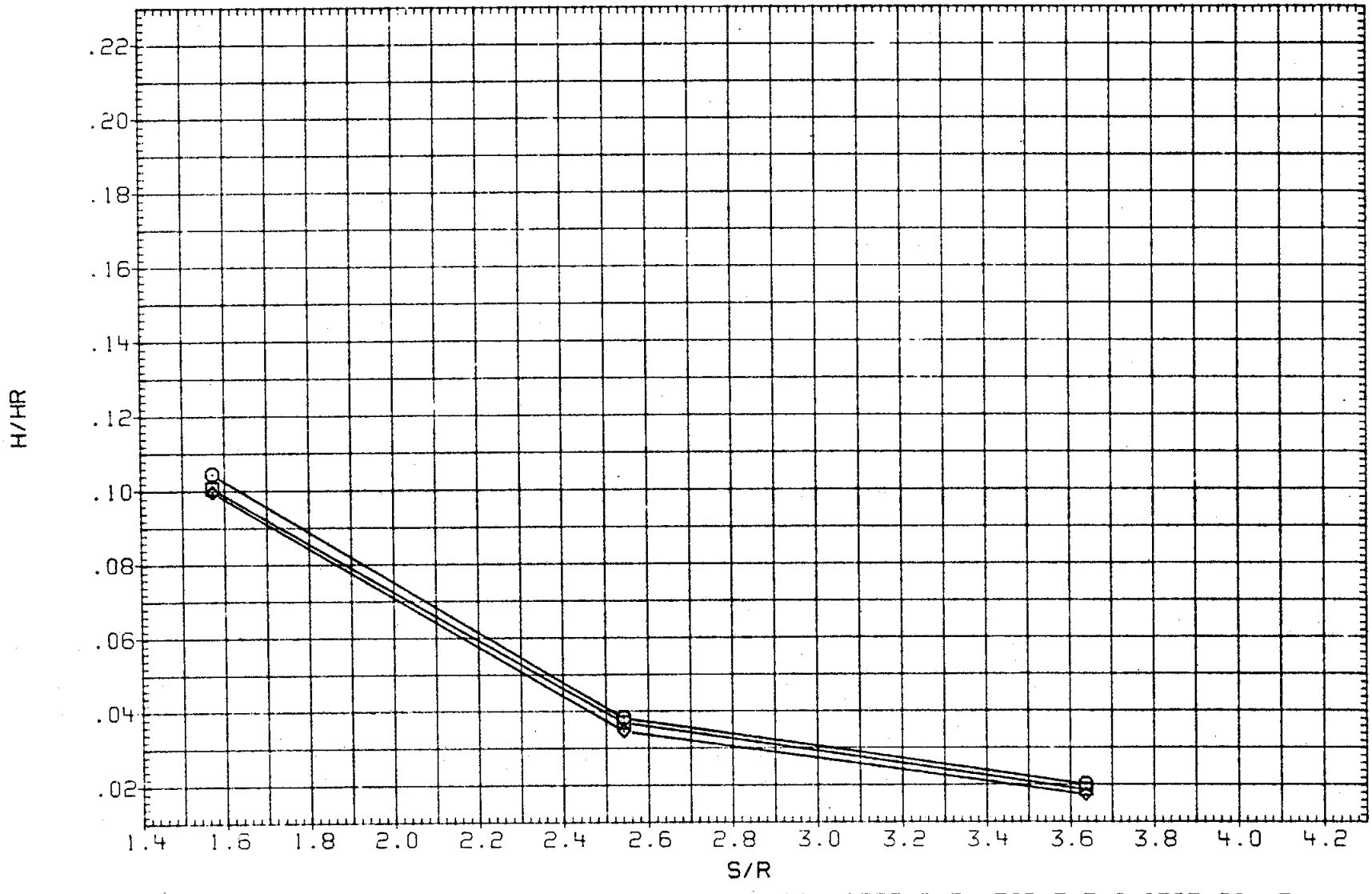


FIG. 46 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = 5.0

(R4XS18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.507	90.000	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

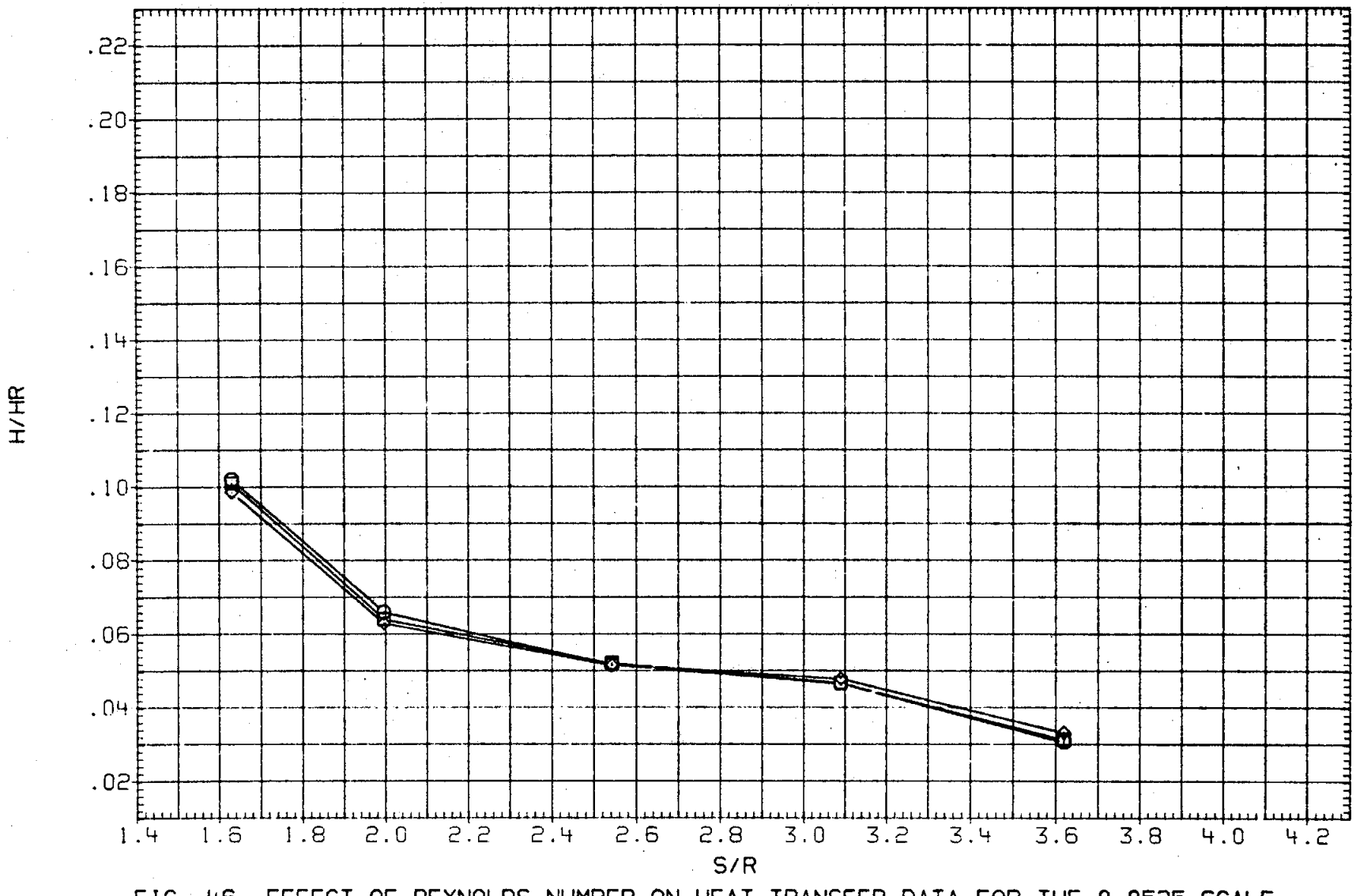


FIG. 46 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = 5.0

(R4XS18) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.507	135.000	5.004
□	1.012		
◇	2.016		

PARAMETRIC VALUES

MACH 7.940 BETA -.001

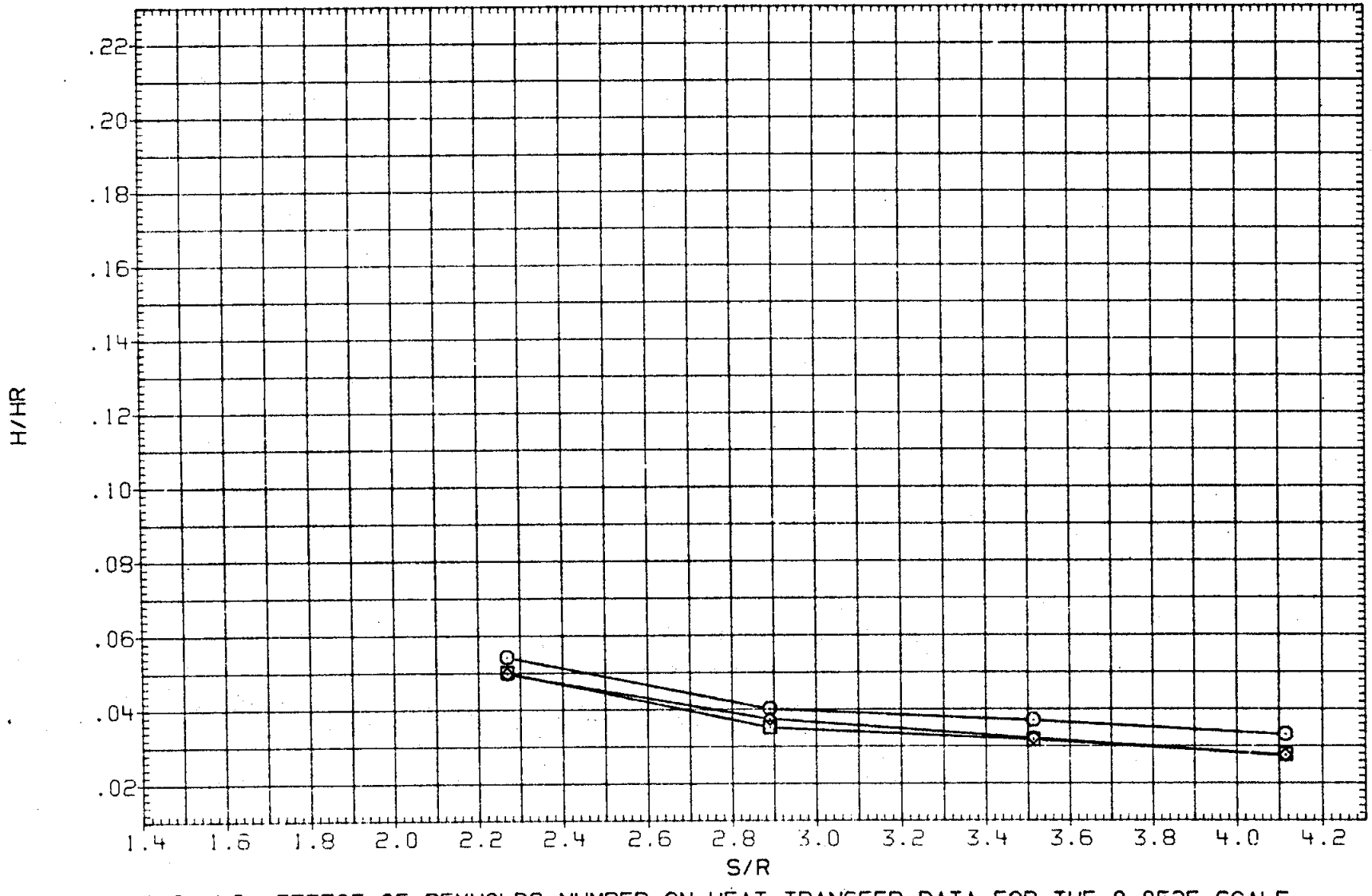


FIG. 46 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = 5.0

(R4XS21) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.504	.000	30.052
□	1.022		
◇	2.021		
△	3.017		
▷	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA -.002

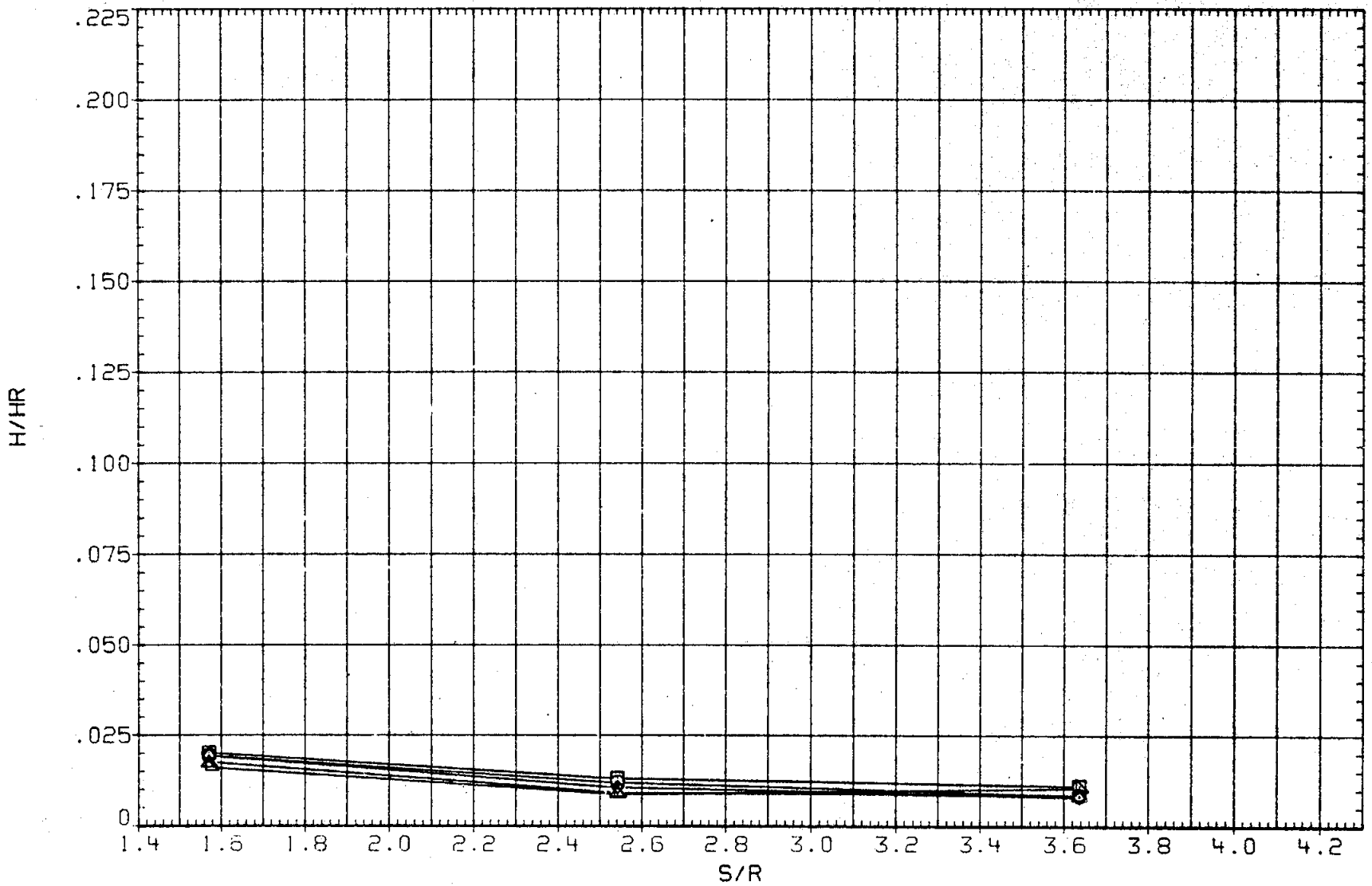


FIG. 47 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = 30.0

(R4XS21) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.504	90.000	30.052
□	1.022		
◇	2.021		
△	3.017		
◺	3.681		

PARAMETRIC VALUES

MACH 7.962 BETA -.002

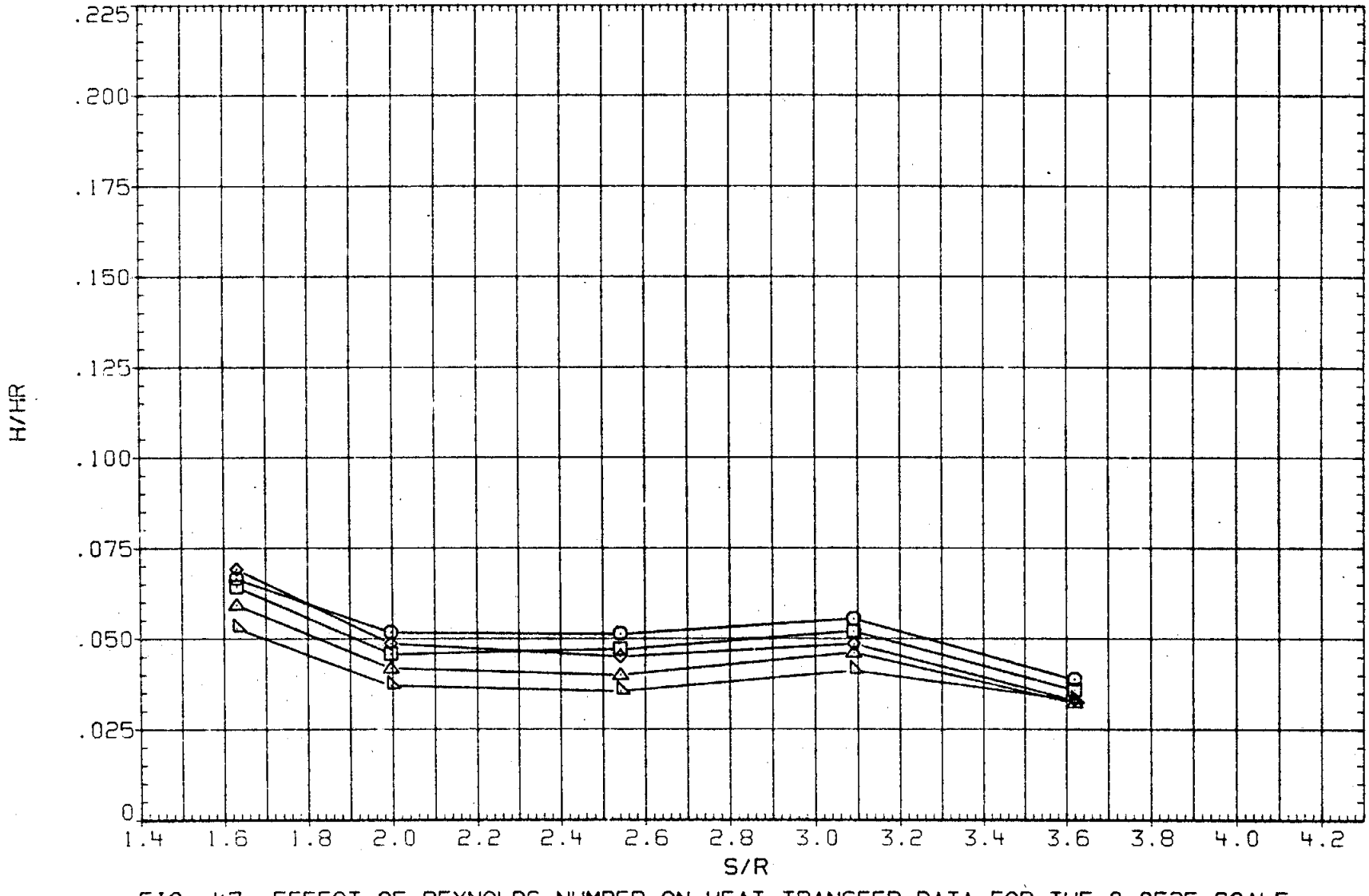


FIG. 47 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = 30.0

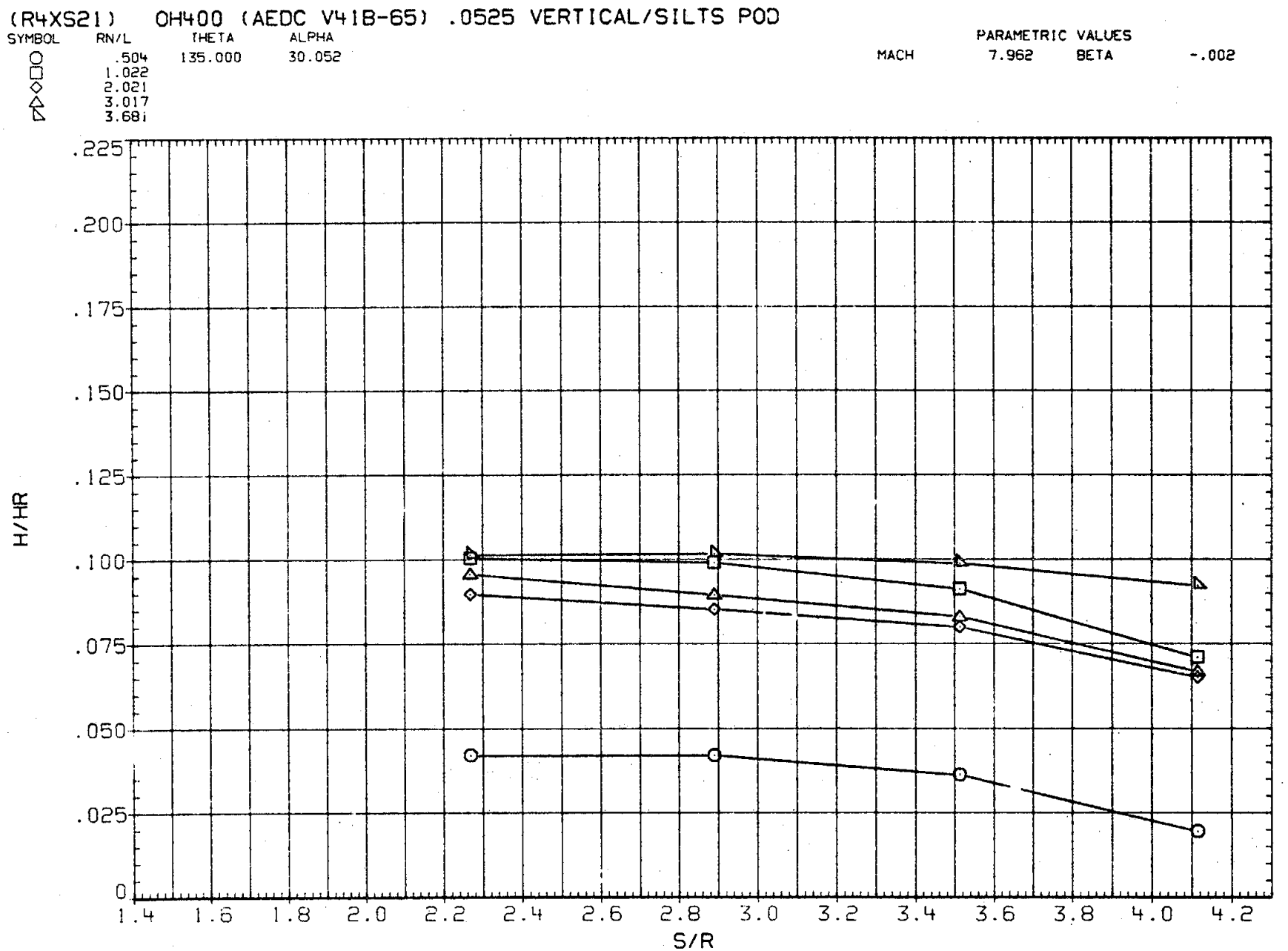


FIG. 47 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = 30.0

(R4XS23) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.510	.000	35.024
□	1.030		
◇	1.988		
△	3.008		
◁	3.692		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

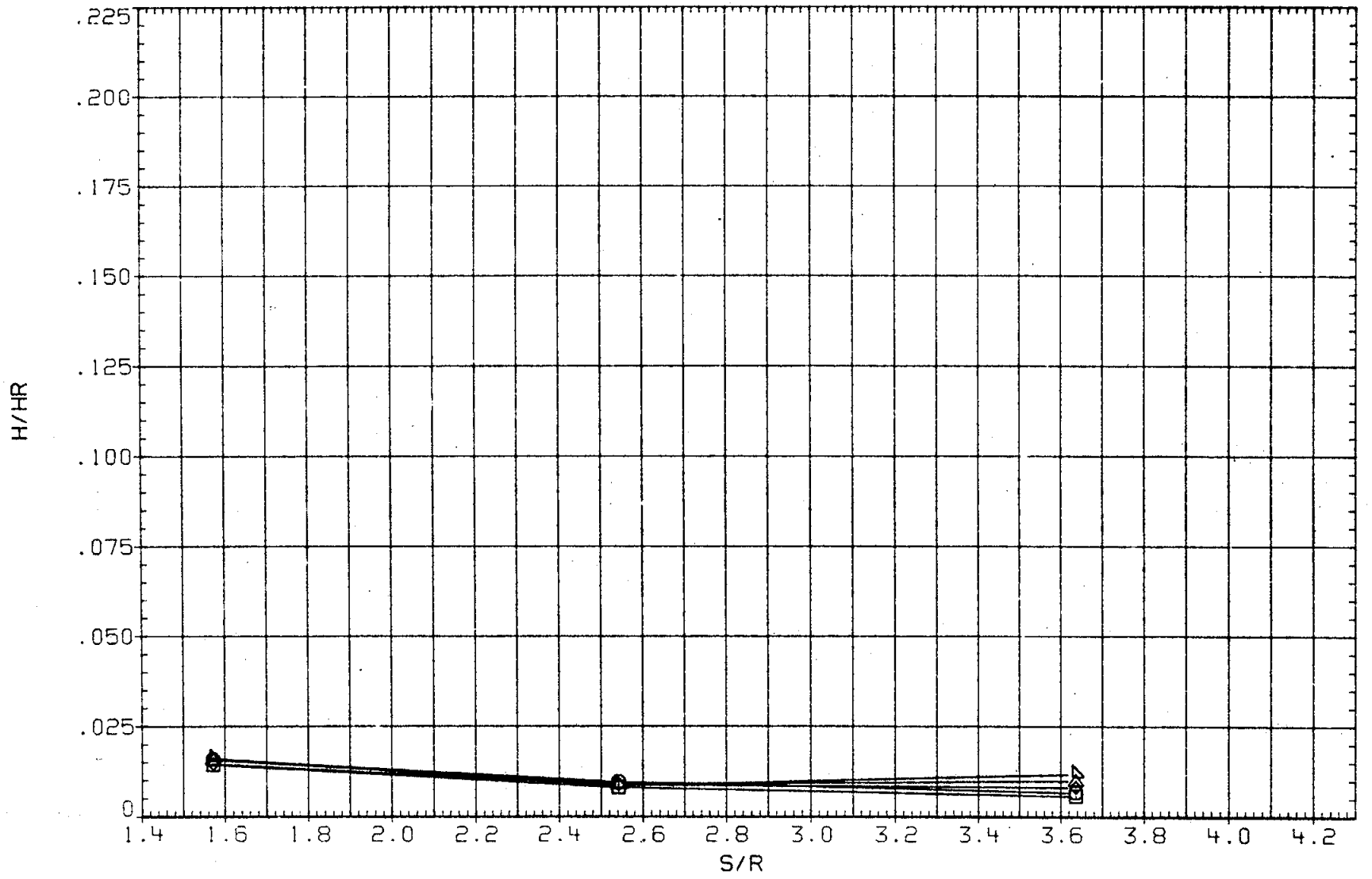


FIG. 48 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = 35.0

(R4XS23) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.510	90.000	35.024
□	1.030		
◇	1.988		
△	3.008		
◁	3.692		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

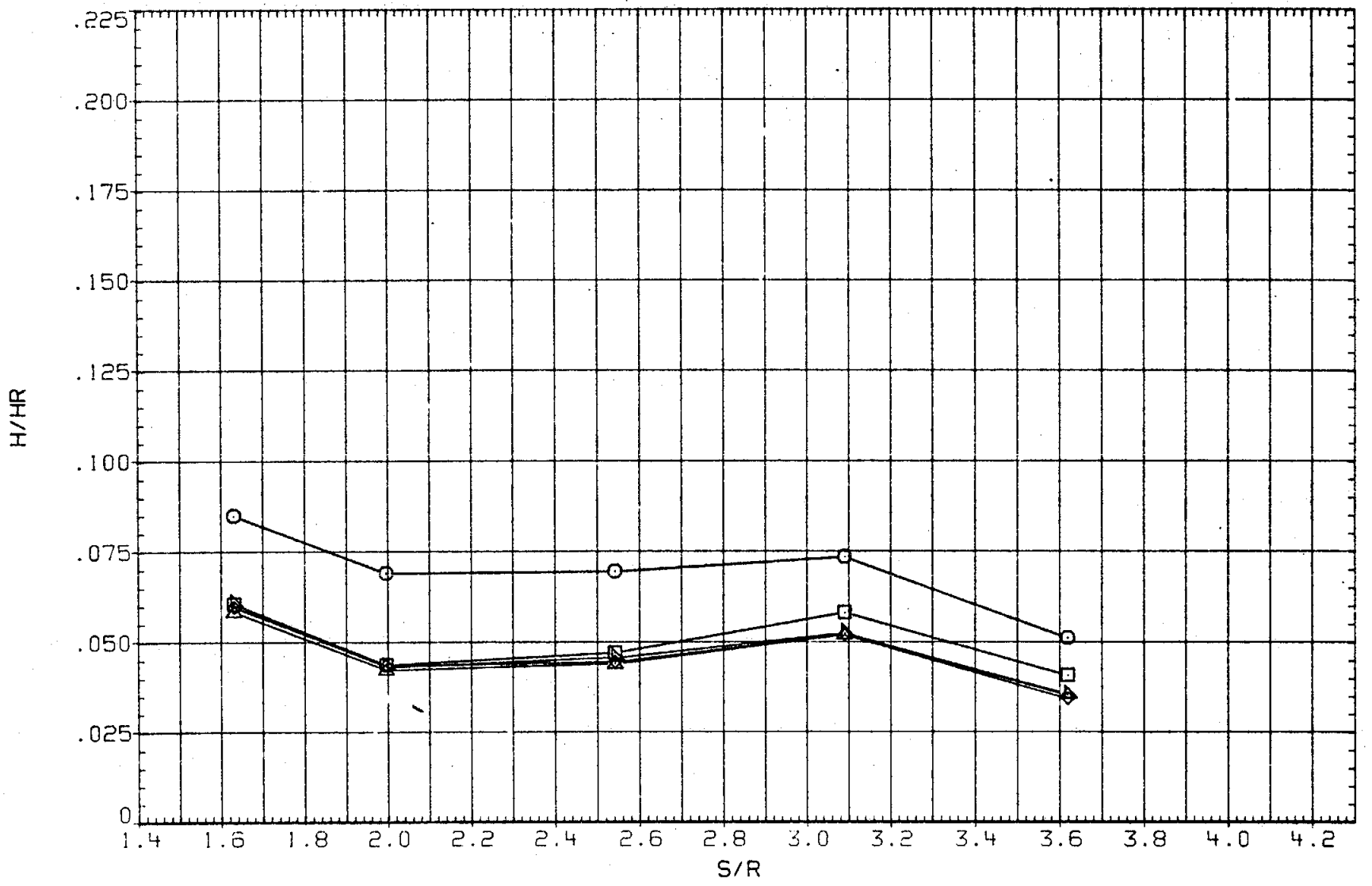


FIG. 48 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = 35.0

(R4XS23) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.510	135.000	35.024
□	1.030		
◇	1.988		
△	3.008		
◺	3.692		

PARAMETRIC VALUES

MACH 7.962 BETA -.001

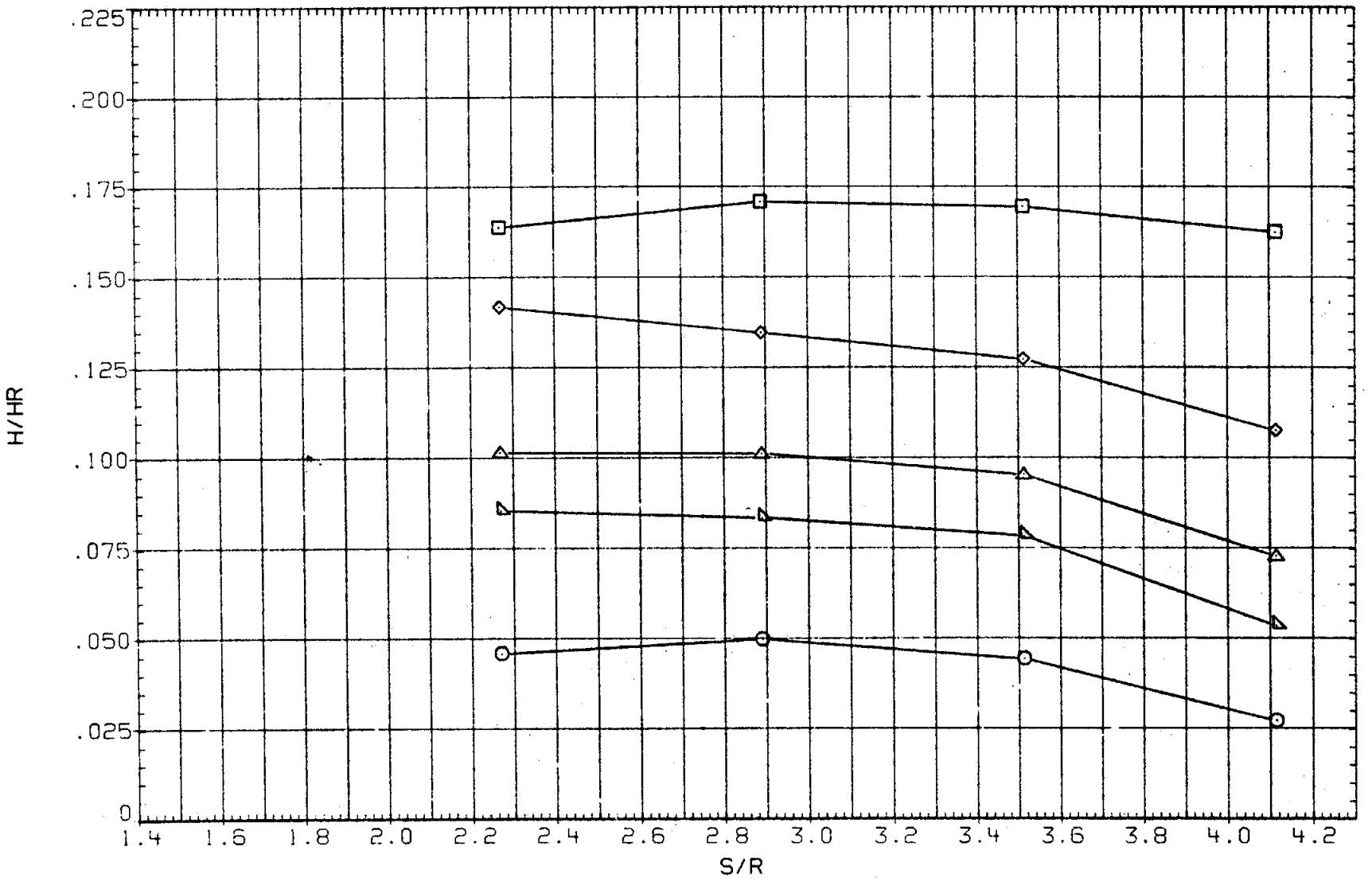


FIG. 48 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = 35.0

(R4XS24) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.510	.000	40.008
□	1.027		
◇	1.998		
△	3.009		
◁	3.665		

PARAMETRIC VALUES

MACH 7.962 BETA .002

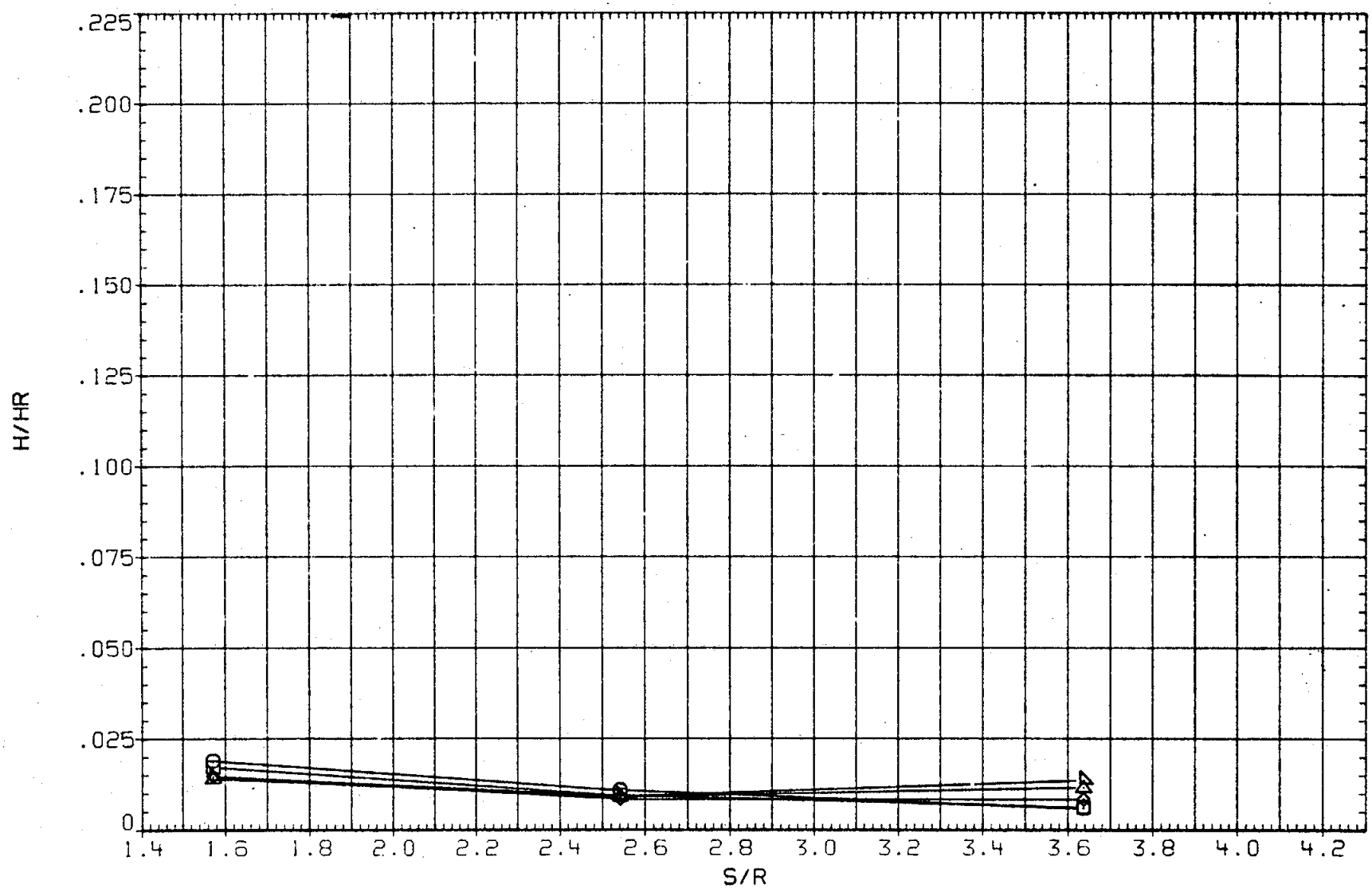


FIG. 49 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = 40.0

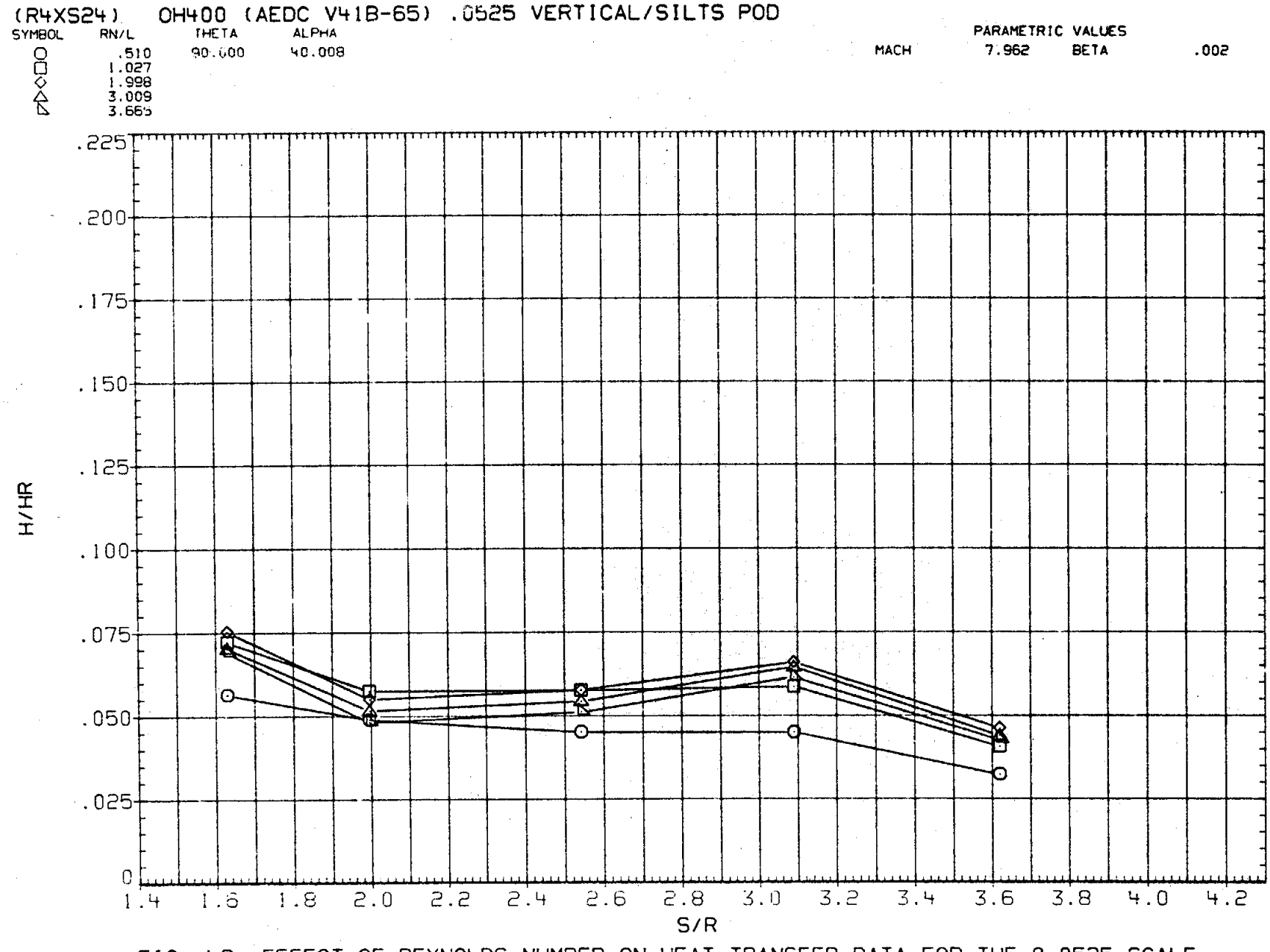


FIG. 49 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = 40.0

(R4XS24) OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

SYMBOL	RN/L	THETA	ALPHA
○	.510	135.000	40.008
□	1.027		
◇	1.998		
△	3.009		
◺	3.663		

PARAMETRIC VALUES

MACH 7.962 BETA .002

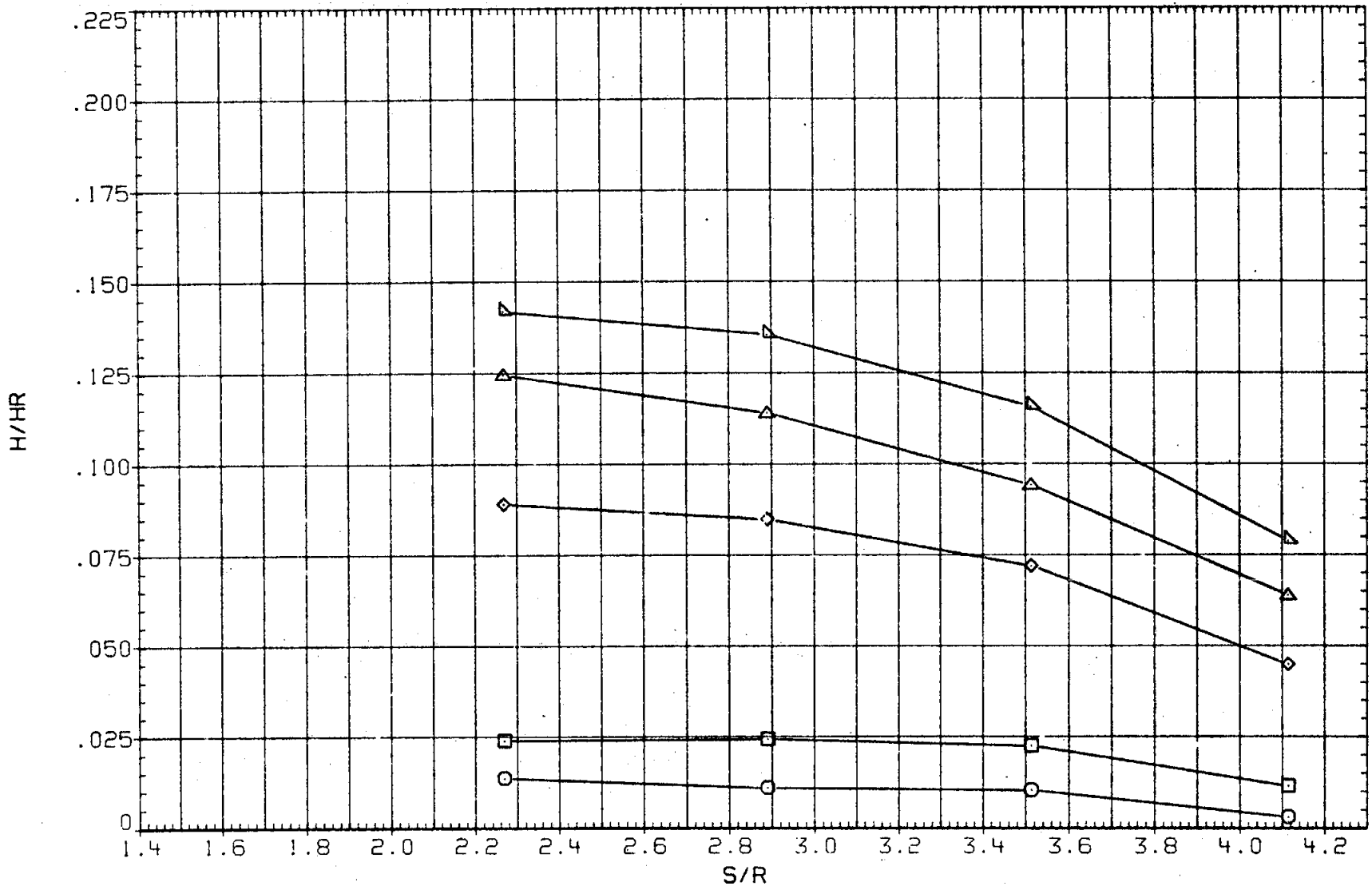


FIG. 49 EFFECT OF REYNOLDS NUMBER ON HEAT TRANSFER DATA FOR THE 0.0525 SCALE VERT TAIL/ SILTS POD BODY - ALPHA = 40.0

P4XP26 CONFIGURATION OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
○	.500	MACH	7.962	MU-INF	.000
□	1.010	ALPHA	30.079	Y(PP1)	.002
◇	1.975	BETA	-.005		
△	2.991	V-INF	3802.675		
◺	3.644	RHO	.001		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

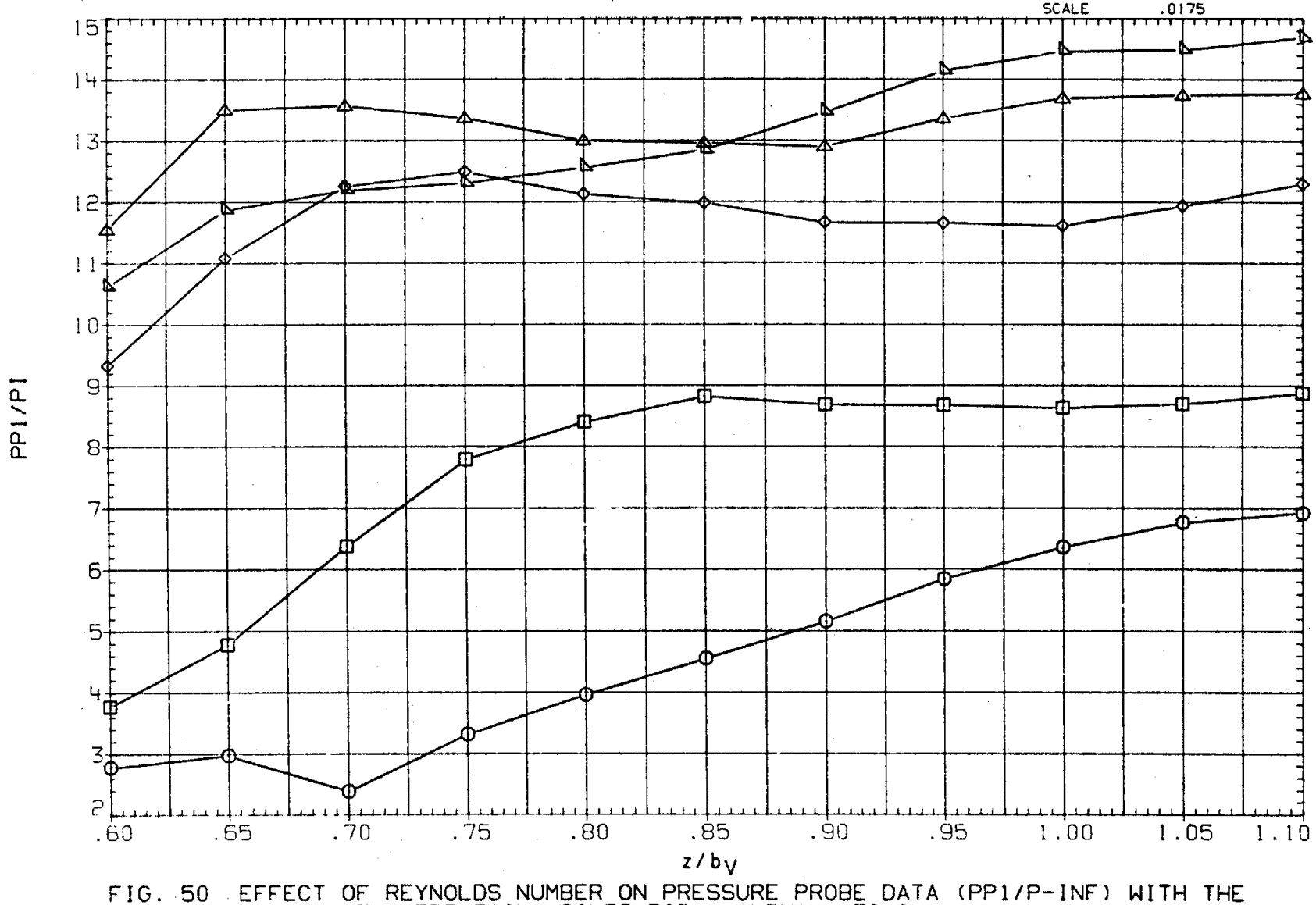


FIG. 50 EFFECT OF REYNOLDS NUMBER ON PRESSURE PROBE DATA (PP1/P-INF) WITH THE 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 30.0

P4XP27 CONFIGURATION OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
O	1.997	MACH	7.980	MU-INF	.000
		ALPHA	30.118	Y(PP1)	-.234
		BETA	-.002		
		V-INF	3806.700		
		RHO	.001		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

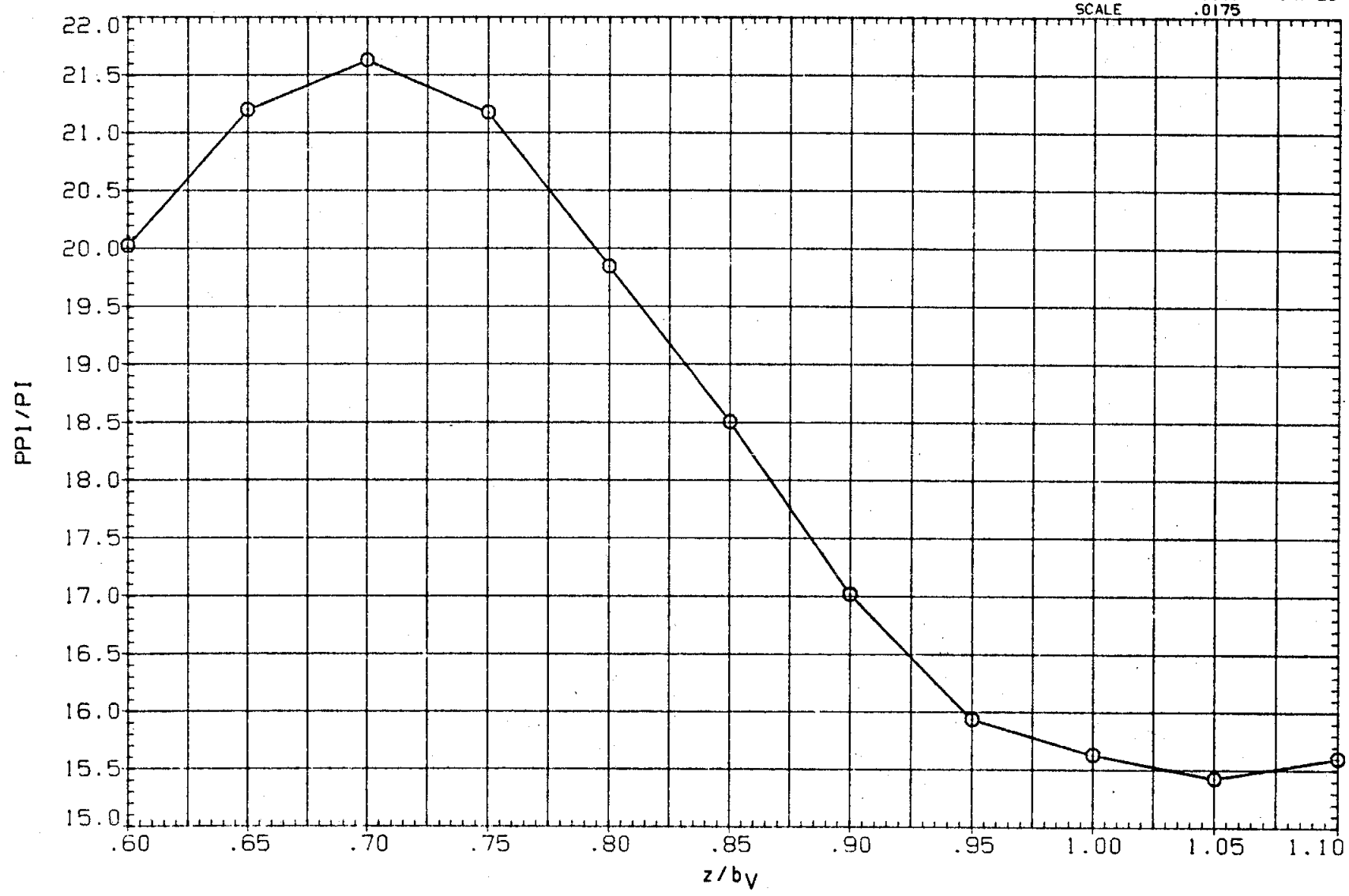


FIG. 50 EFFECT OF REYNOLDS NUMBER ON PRESSURE PROBE DATA (PP1/P-INF) WITH THE 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 30.0

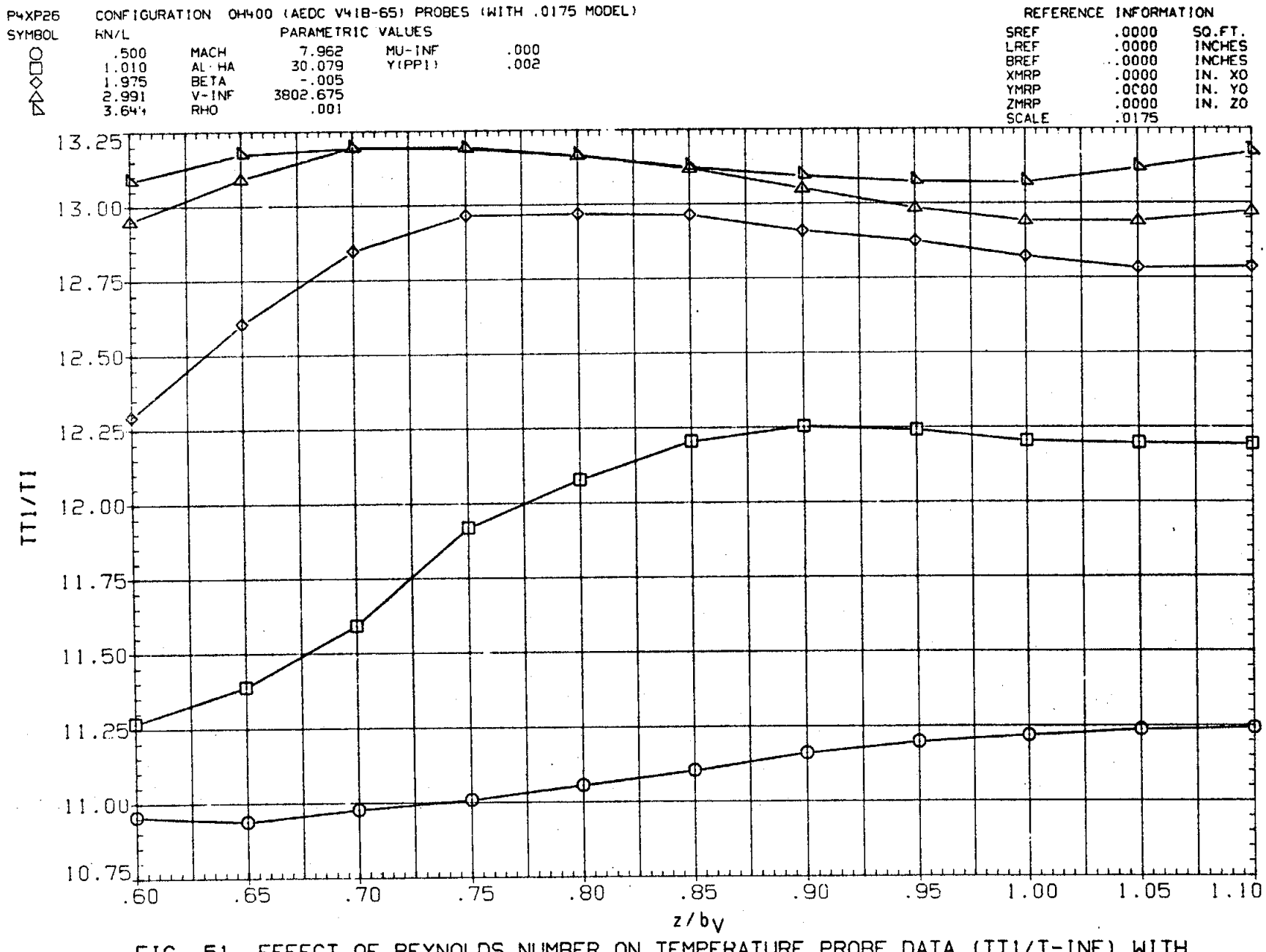


FIG. 51 EFFECT OF REYNOLDS NUMBER ON TEMPERATURE PROBE DATA (TT1/T-INF) WITH 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 30.0

P4XP27 CONFIGURATION OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
O	1.997	MACH	7.980	MU-INF	.000
		ALPHA	30.118	Y(PPI)	-.234
		BETA	-.002		
		V-INF	3806.700		
		RHO	.001		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

FIG. 51 EFFECT OF REYNOLDS NUMBER ON TEMPERATURE PROBE DATA (TT1/T-INF) WITH 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 30.0

P4XP28 CONFIGURATION OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
○	.495	MACH	7.962	MU-INF	.000
□	1.005	ALPHA	35.066	Y(PPI)	-.000
◇	1.997	BETA	-.001		
△	3.000	V-INF	3799.543		
◺	3.662	RHO	.001		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

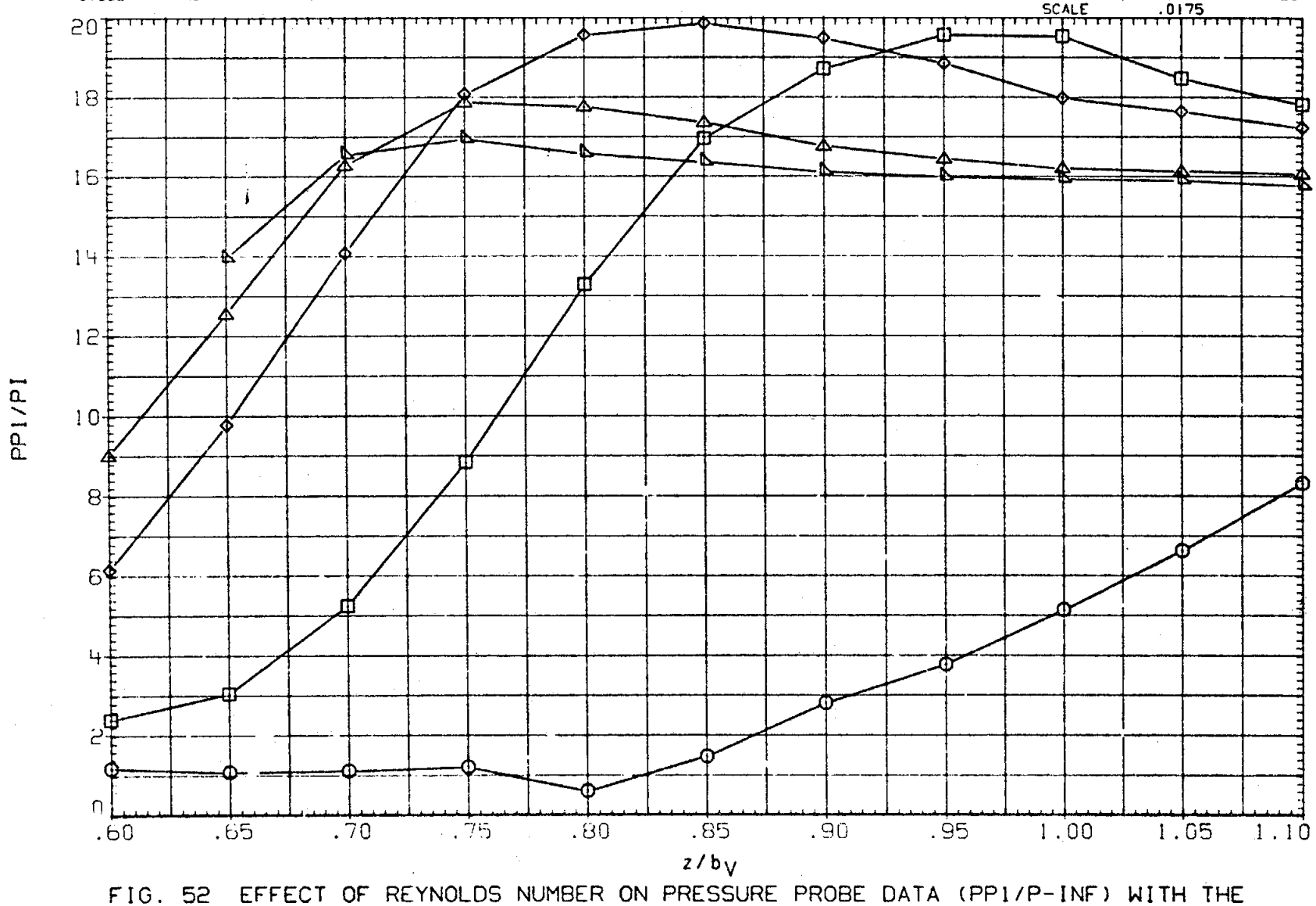


FIG. 52 EFFECT OF REYNOLDS NUMBER ON PRESSURE PROBE DATA (PPI/P-INF) WITH THE 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 35.0

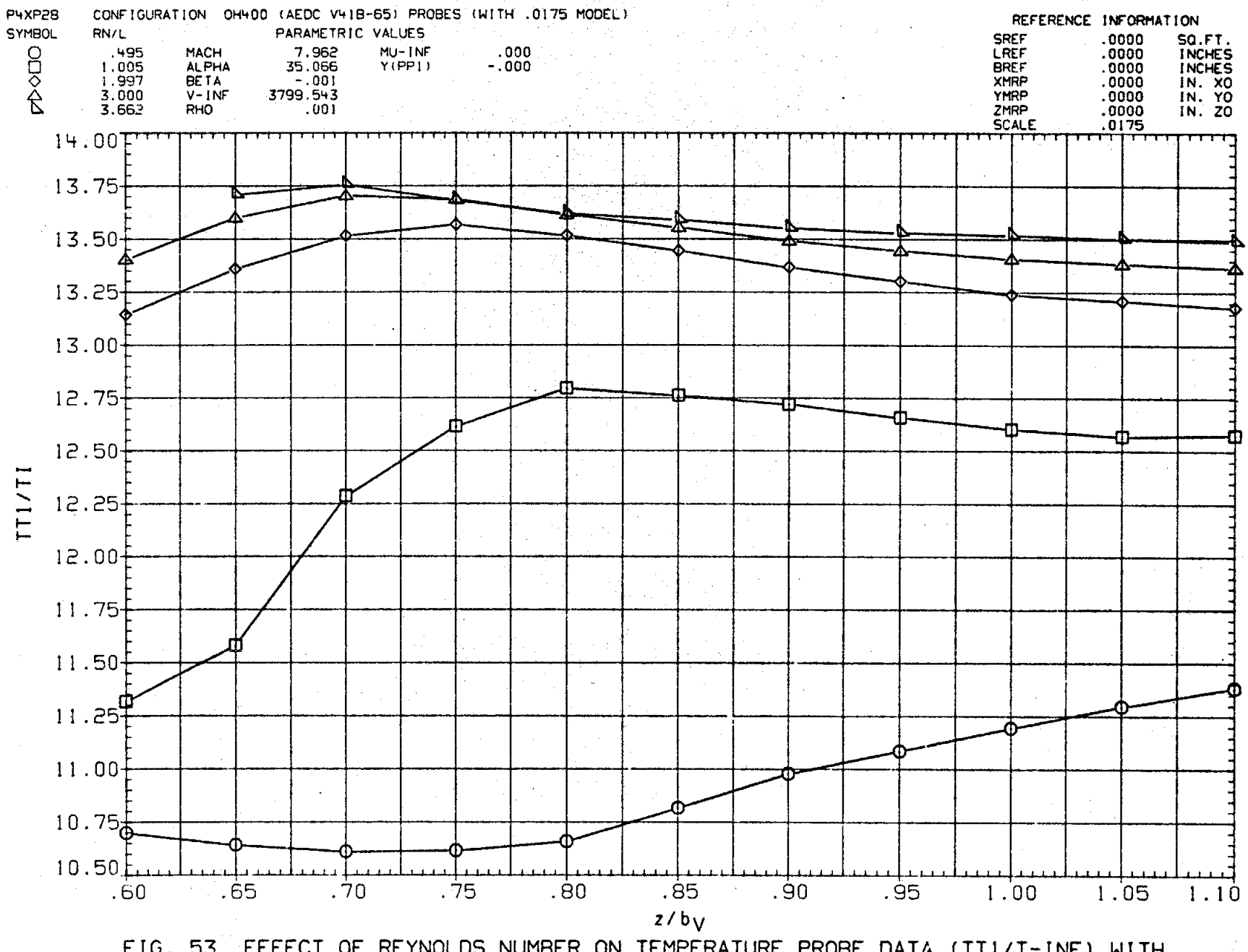


FIG. 53 EFFECT OF REYNOLDS NUMBER ON TEMPERATURE PROBE DATA (TT1/T-INF) WITH 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 35.0

P4XP29 CONFIGURATION OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
○	.495	MACH	7.962	MU-INF	.000
□	1.003	ALPHA	39.984	Y(PP1)	.001
◇	1.994	BETA	..002		
△	2.987	V-INF	3801.570		
◺	3.669	RHO	.001		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

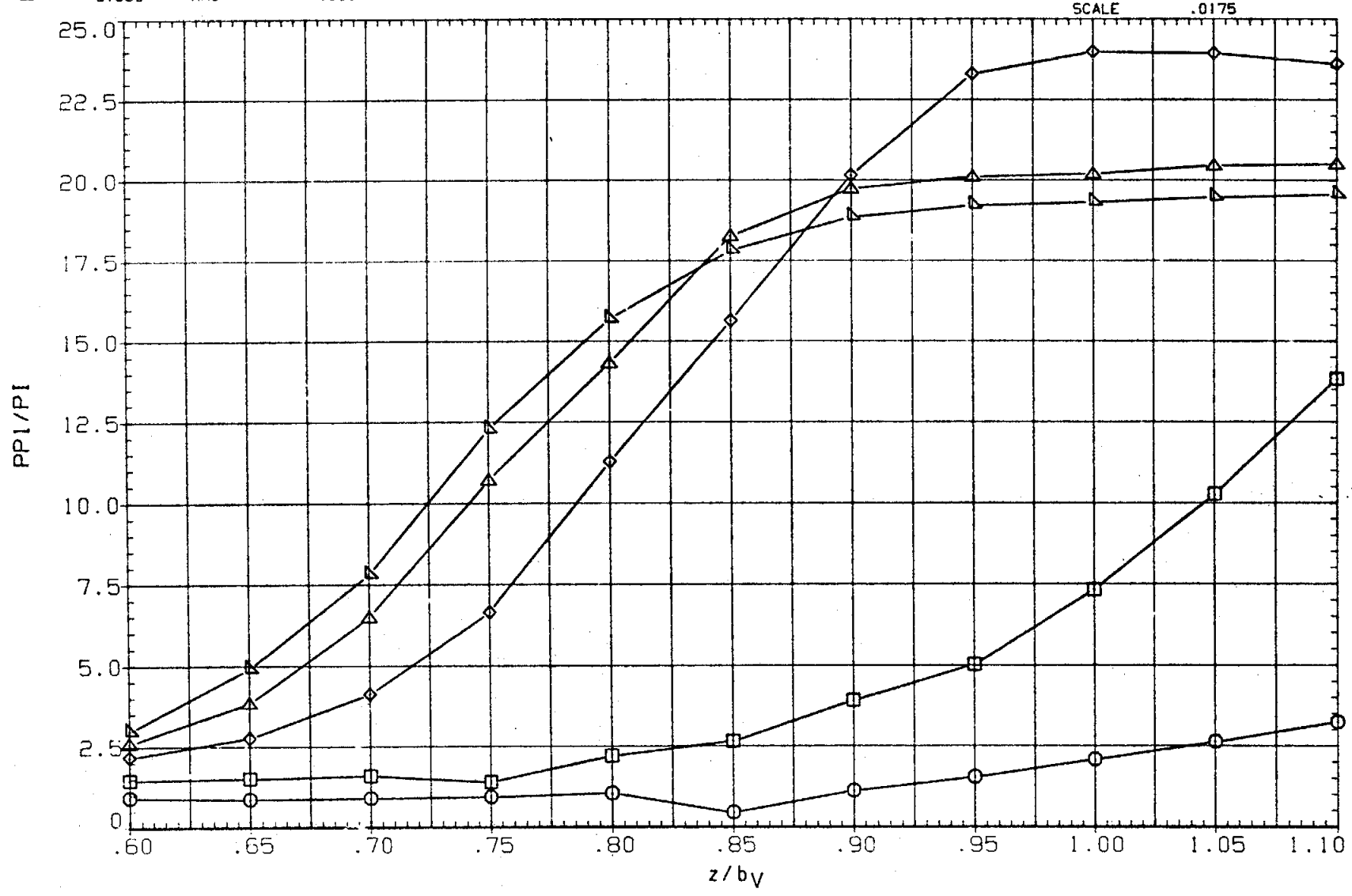


FIG. 54 EFFECT OF REYNOLDS NUMBER ON PRESSURE PROBE DATA (PP1/P-INF) WITH THE 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 40.0

P4XP30 CONFIGURATION OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
O	1.011	MACH	7.940	MU-INF	.000
		ALPHA	39.980	Y(PP1)	-.244
		BETA	.000		
		V-INF	3734.430		
		RHO	.001		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

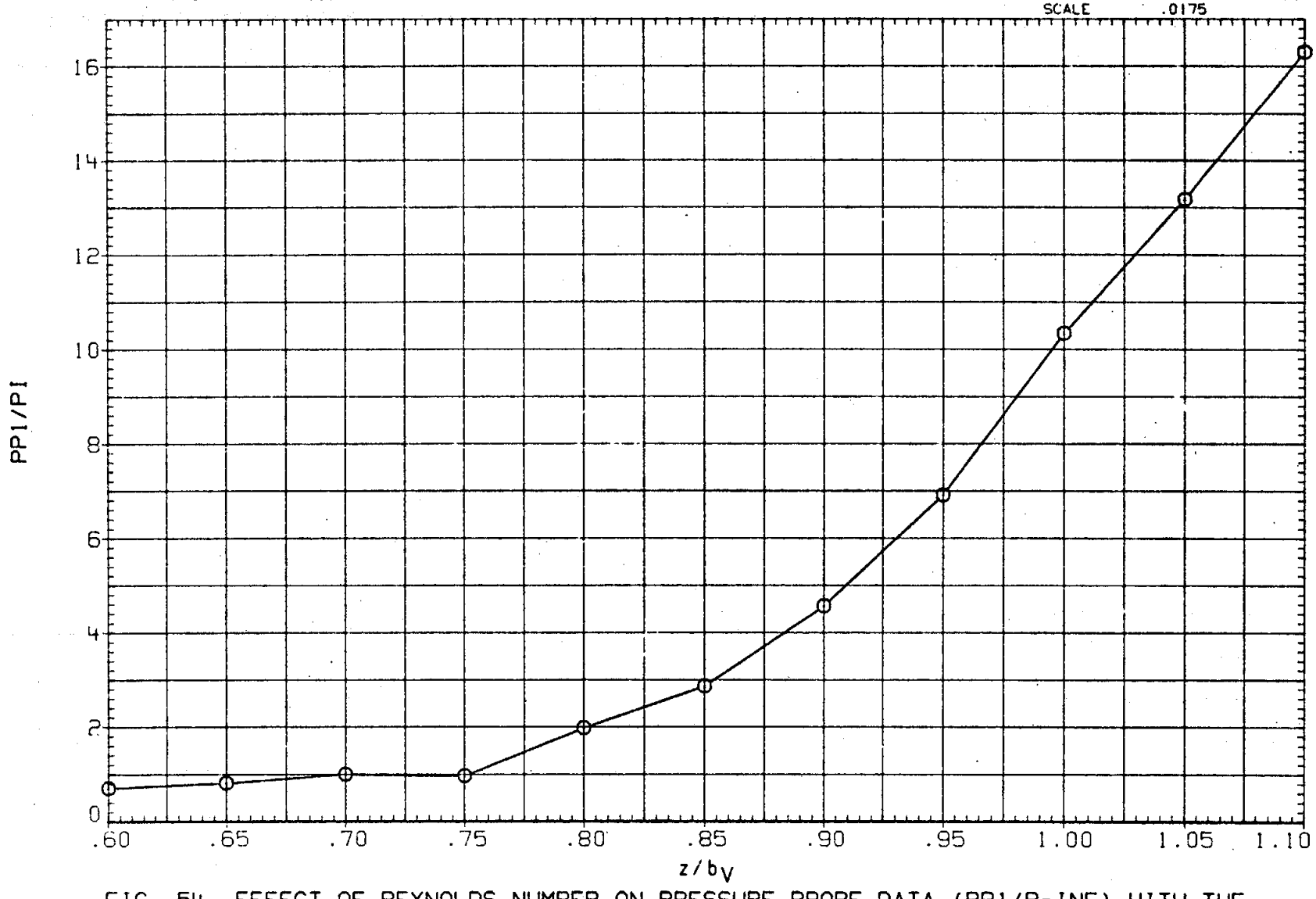


FIG. 54 EFFECT OF REYNOLDS NUMBER ON PRESSURE PROBE DATA (PP1/P-INF) WITH THE 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 40.0

P4XP31 CONFIGURATION OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
O	2.998	MACH	7.990	MU-INF	.000
		ALPHA	39.990	Y(PPI)	-.500
		BETA	.001		
		V-INF	3839.110		
		RHO	.002		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

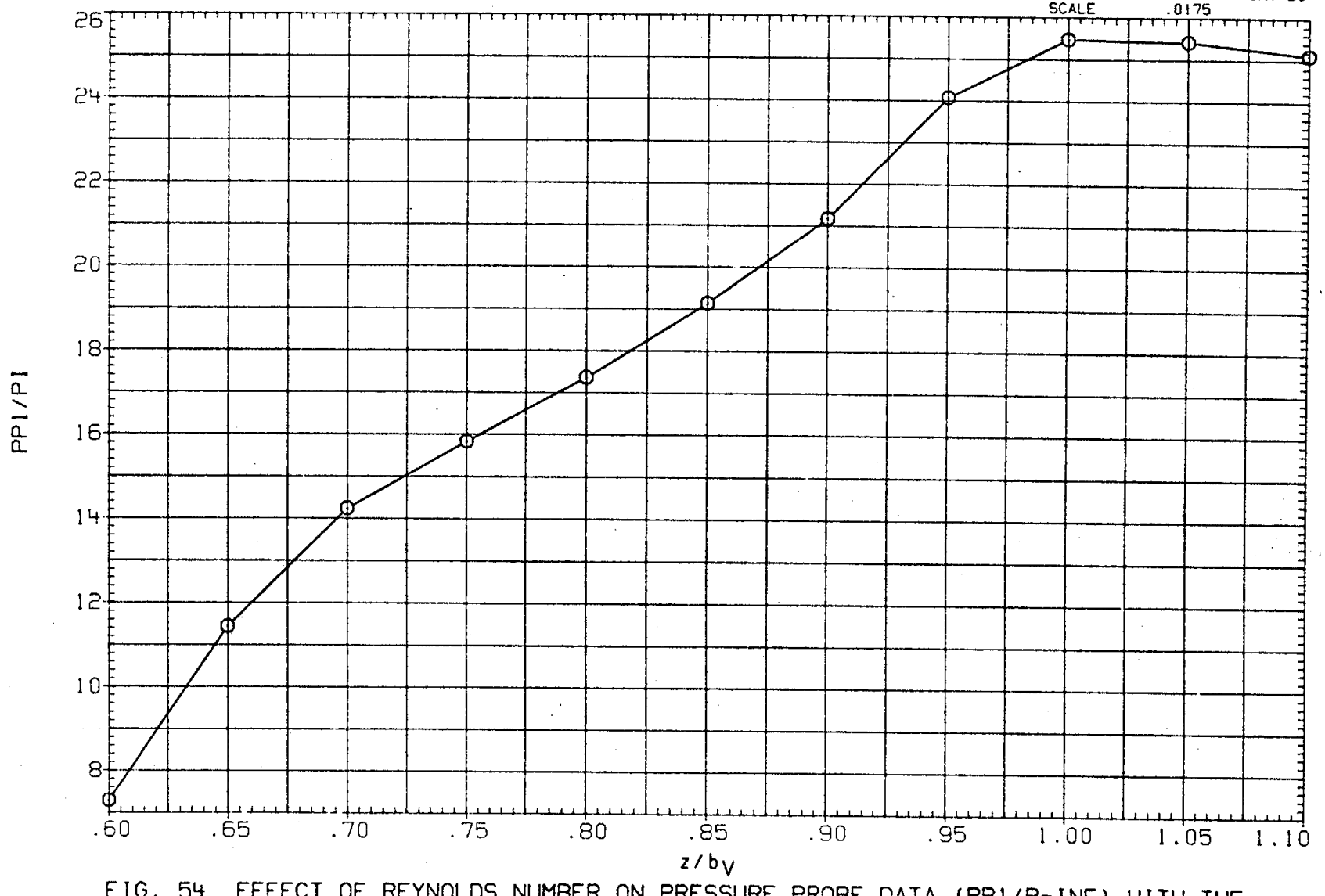


FIG. 54 EFFECT OF REYNOLDS NUMBER ON PRESSURE PROBE DATA (PP1/P-INF) WITH THE 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 40.0

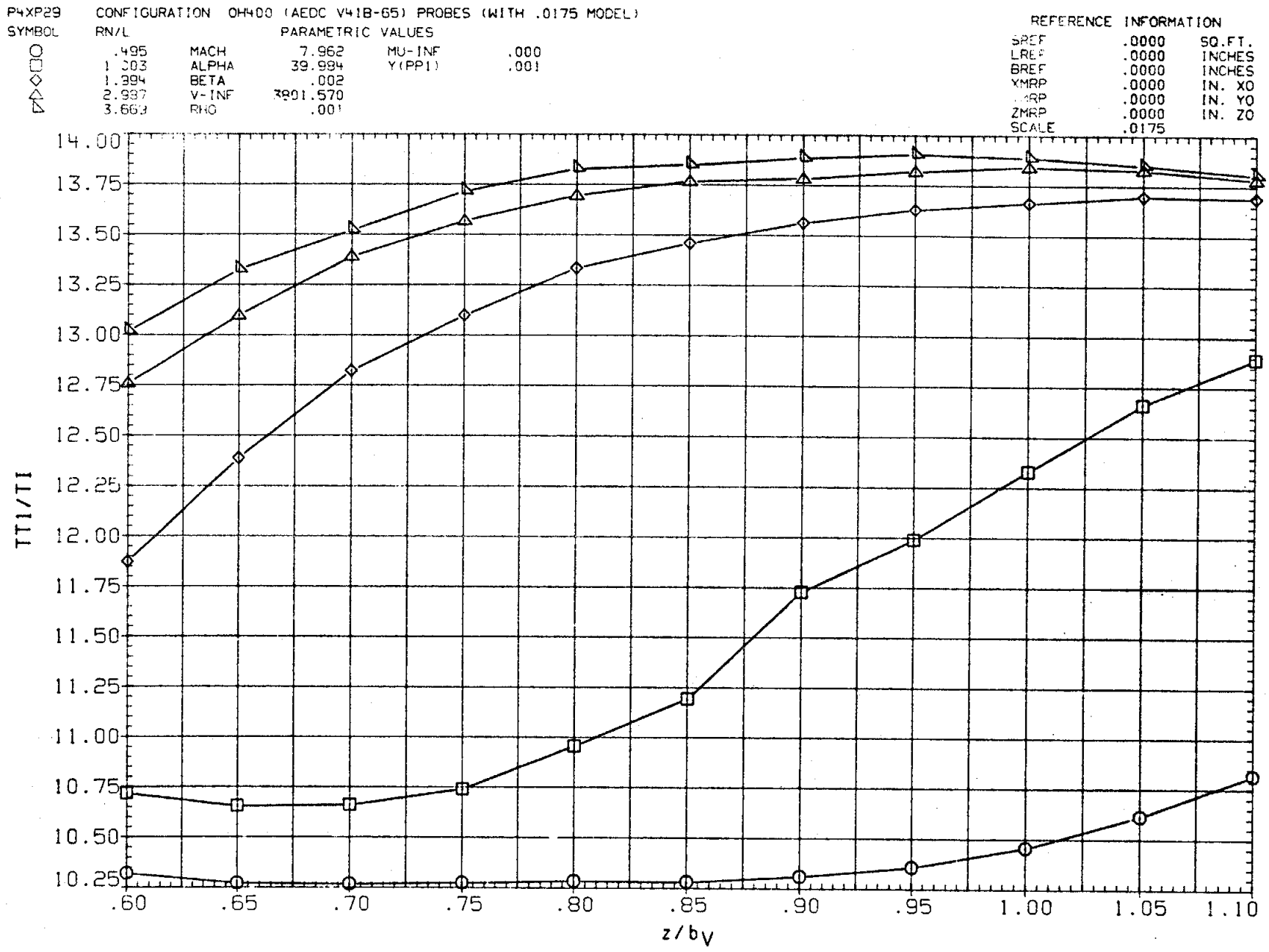


FIG. 55 EFFECT OF REYNOLDS NUMBER ON TEMPERATURE PROBE DATA (TT1/T-INF) WITH 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 40.0

P4XP30 CONFIGURATION OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
O	1.011	MACH	7.940	MU-INF	.000
		ALPHA	39.980	Y(PPI)	-.244
		BETA	.000		
		V-INF	3734.430		
		RHO	.001		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

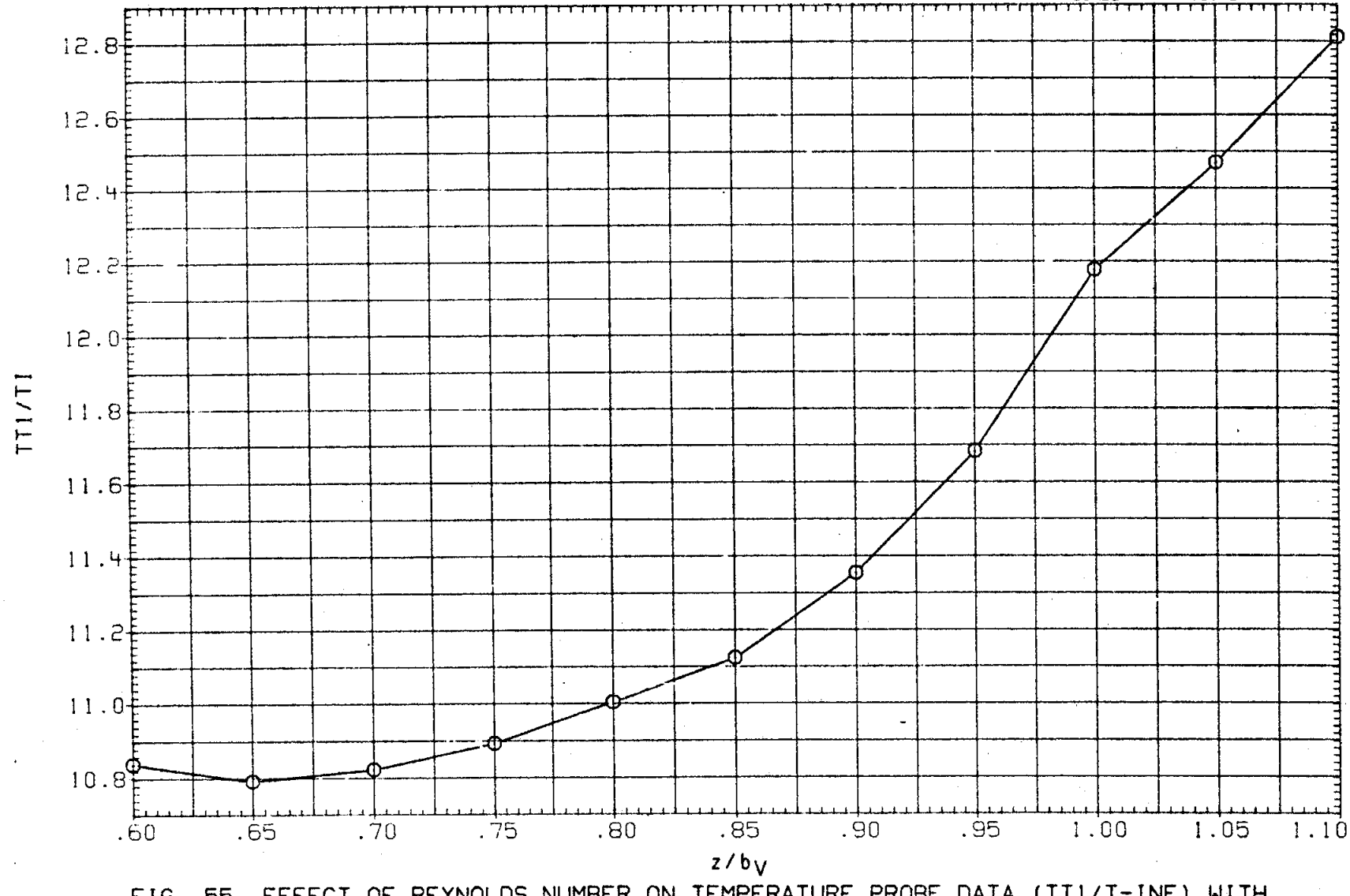


FIG. 55 EFFECT OF REYNOLDS NUMBER ON TEMPERATURE PROBE DATA (TT1/T-INF) WITH 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 40.0

P4XP31 CONFIGURATION OH400 (AEDC V41E-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
○	2.998	MACH	7.990	MU-INF	.000
		ALPHA	39.990	Y(PPI)	-.500
		BETA	.001		
		V-INF	3839.110		
		RHO	.002		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

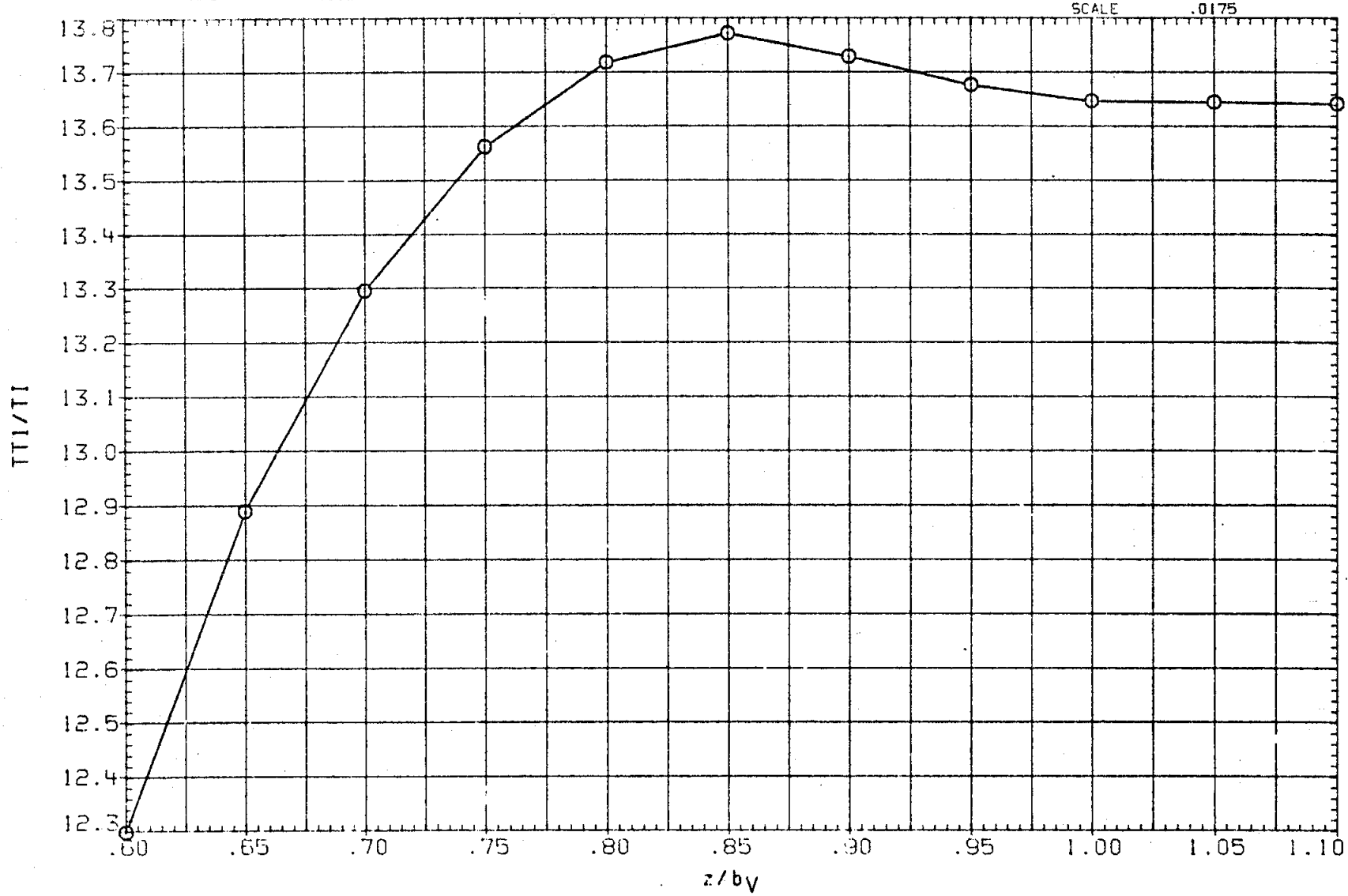


FIG. 55 EFFECT OF REYNOLDS NUMBER ON TEMPERATURE PROBE DATA (TT1/T-INF) WITH 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 40.0

P4XP26 CONFIGURATION OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L		PARAMETRIC VALUES		
○	.500	MACH	7.962	MU-INF	.000
□	1.010	ALPHA	30.079	Y(PP1)	.002
◇	1.975	BETA	-.005		
△	2.991	V-INF	3802.675		
◺	3.644	RHO	.001		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

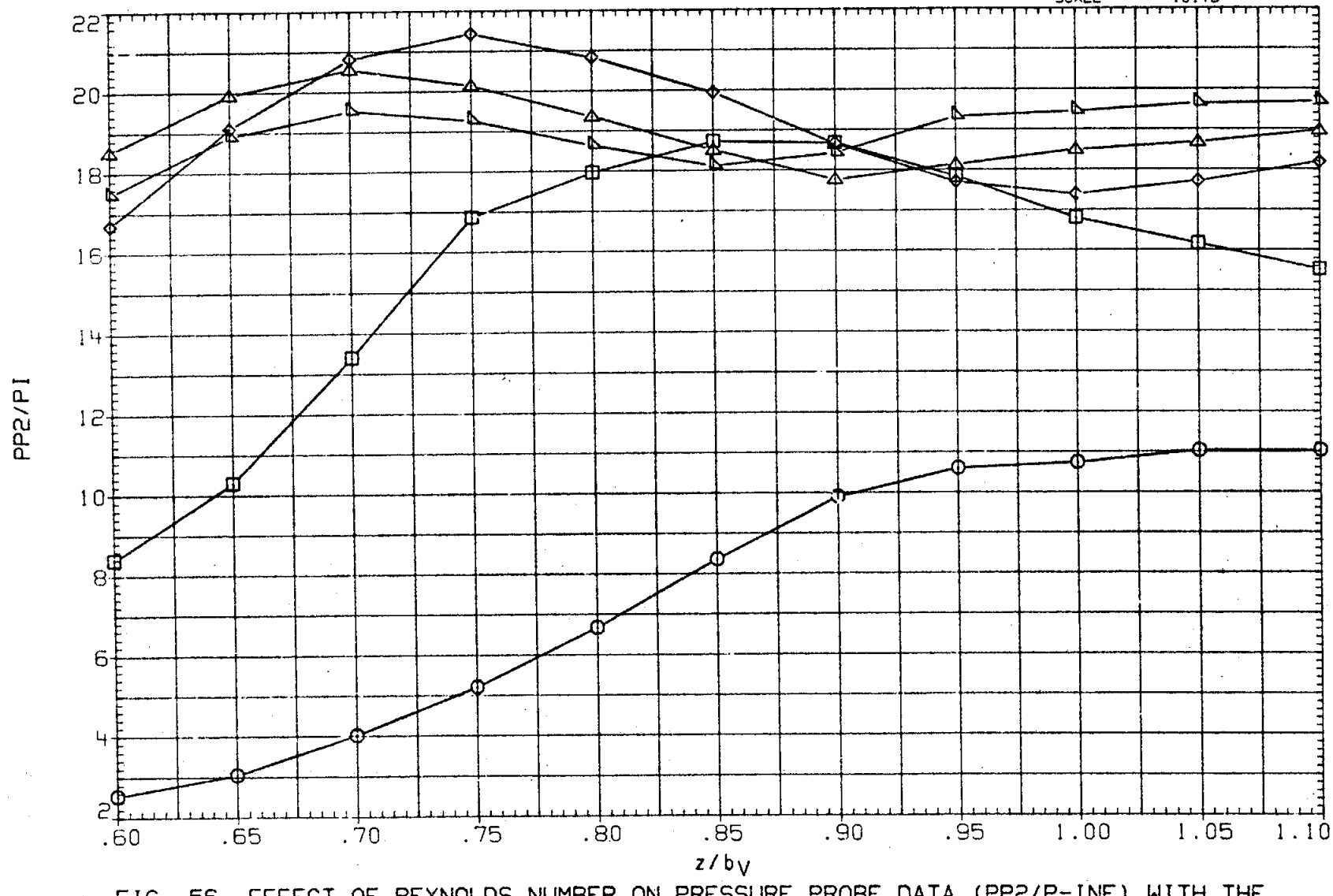


FIG. 56 EFFECT OF REYNOLDS NUMBER ON PRESSURE PROBE DATA (PP2/P-INF) WITH THE 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 30.0

P4XP27 CONFIGURATION OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
O	1.997	MACH	7.980	MU-INF	.000
		ALPHA	30.118	Y(PPI)	-.234
		BETA	-.002		
		V-INF	3806.700		
		RHO	.001		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

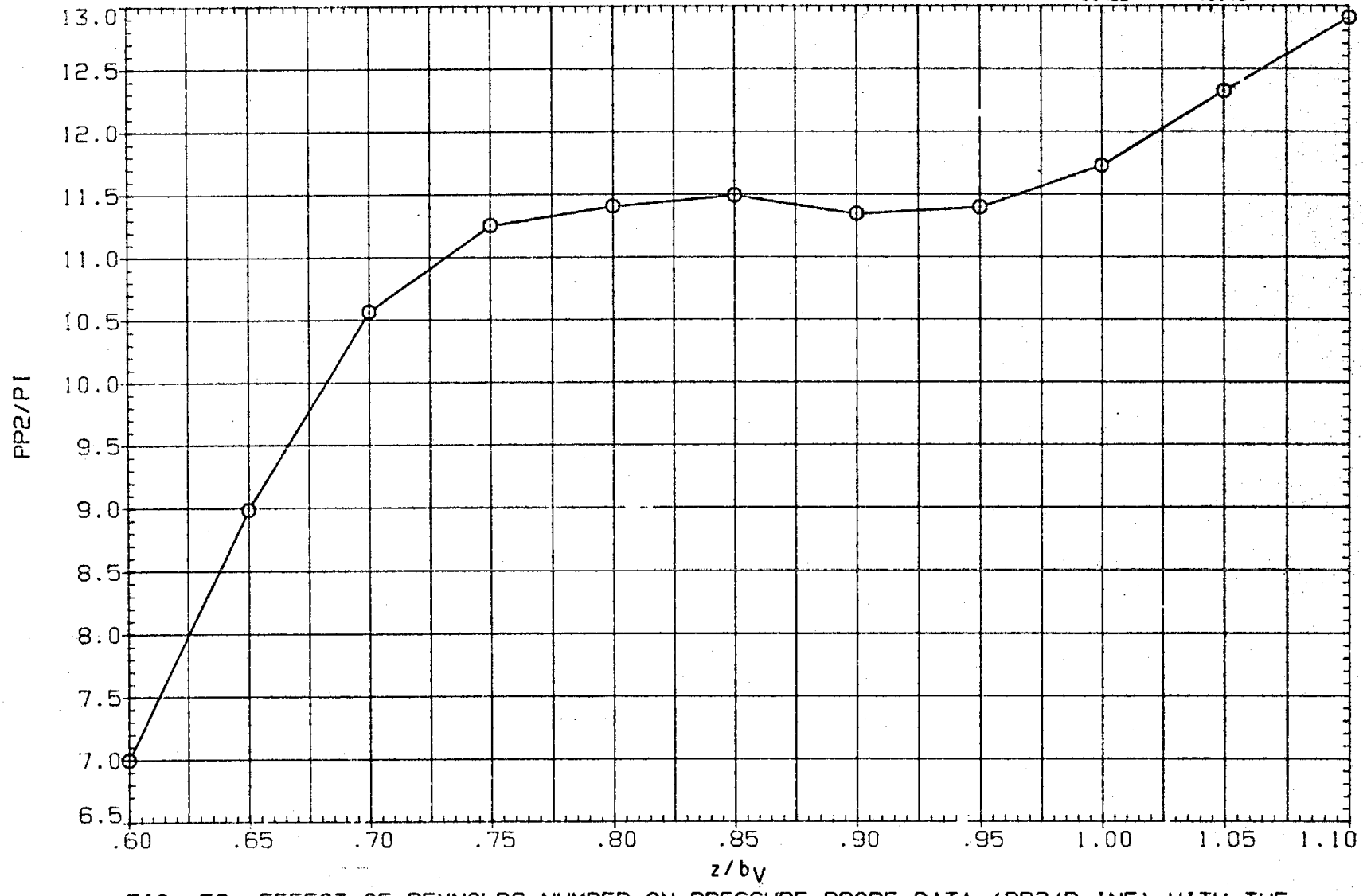


FIG. 56 EFFECT OF REYNOLDS NUMBER ON PRESSURE PROBE DATA (PP2/P-INF) WITH THE 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 30.0

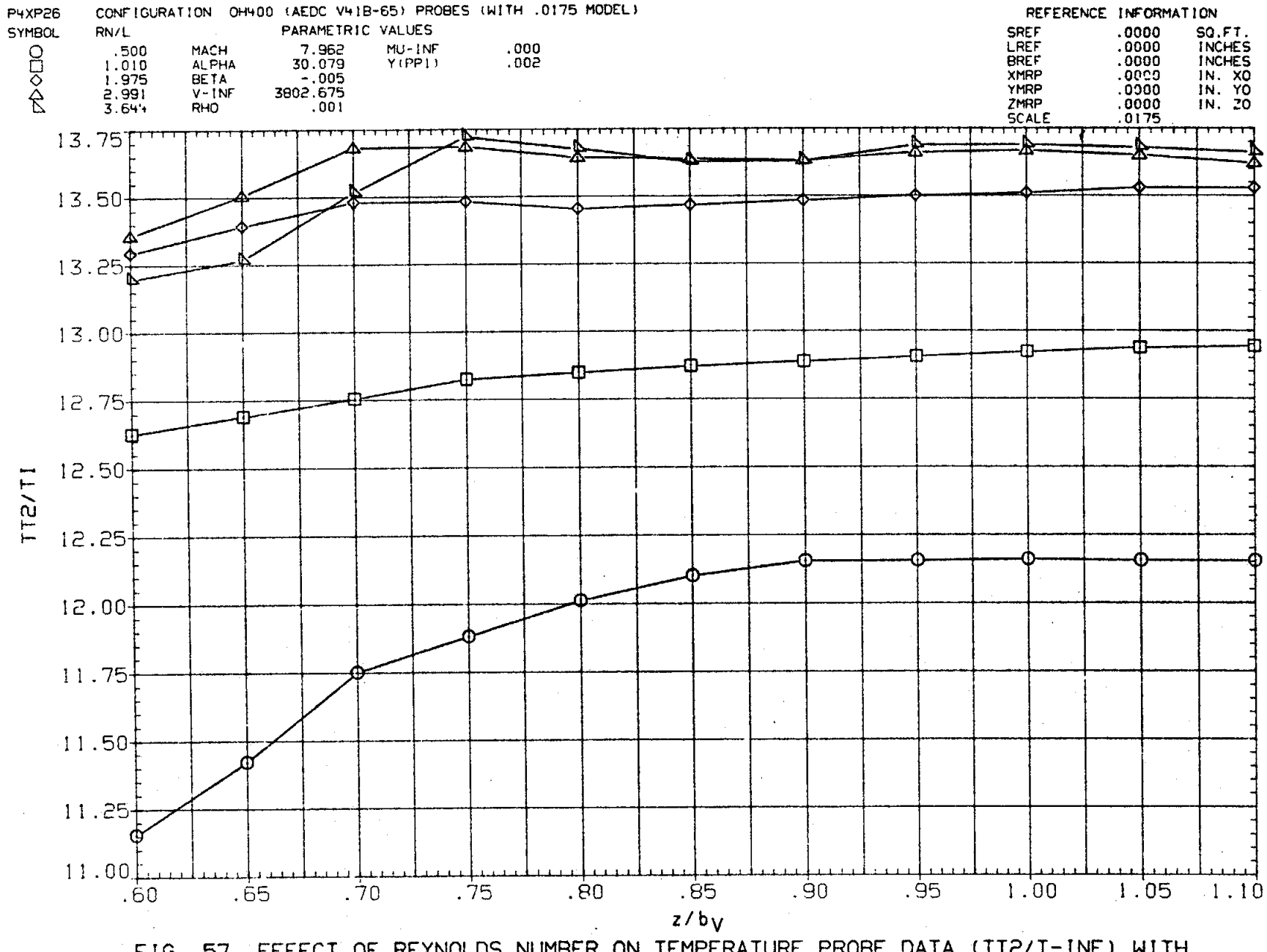


FIG. 57 EFFECT OF REYNOLDS NUMBER ON TEMPERATURE PROBE DATA (TT2/T-INF) WITH 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 30.0

P4XP27 CONFIGURATION OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
○	1.997	MACH	7.980	MU-INF	.000
		ALPHA	30.118	Y(PP1)	-.234
		BETA	-.002		
		V-INF	3806.700		
		RHO	.001		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

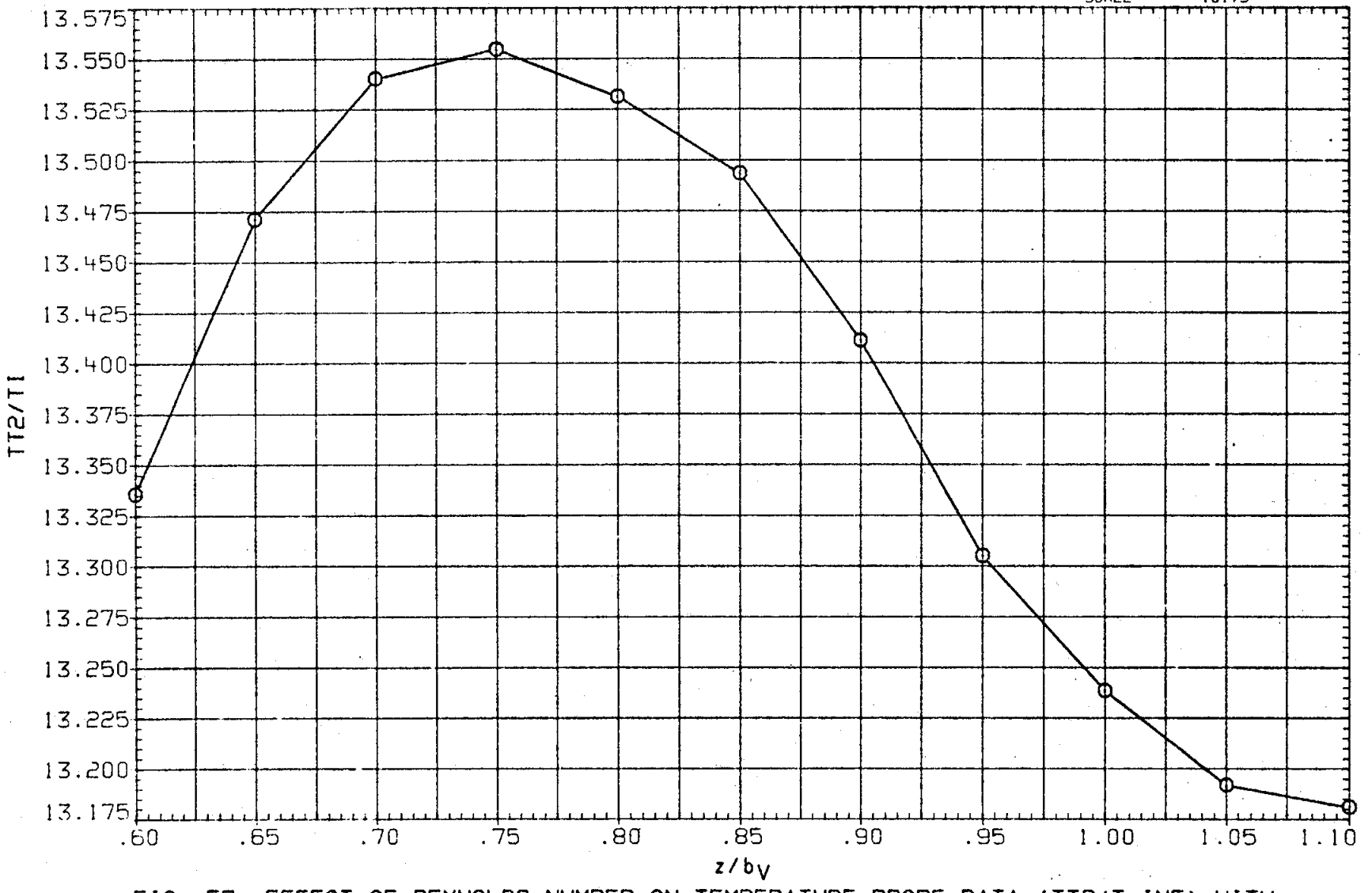


FIG. 57 EFFECT OF REYNOLDS NUMBER ON TEMPERATURE PROBE DATA (TT2/T-INF) WITH 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 30.0

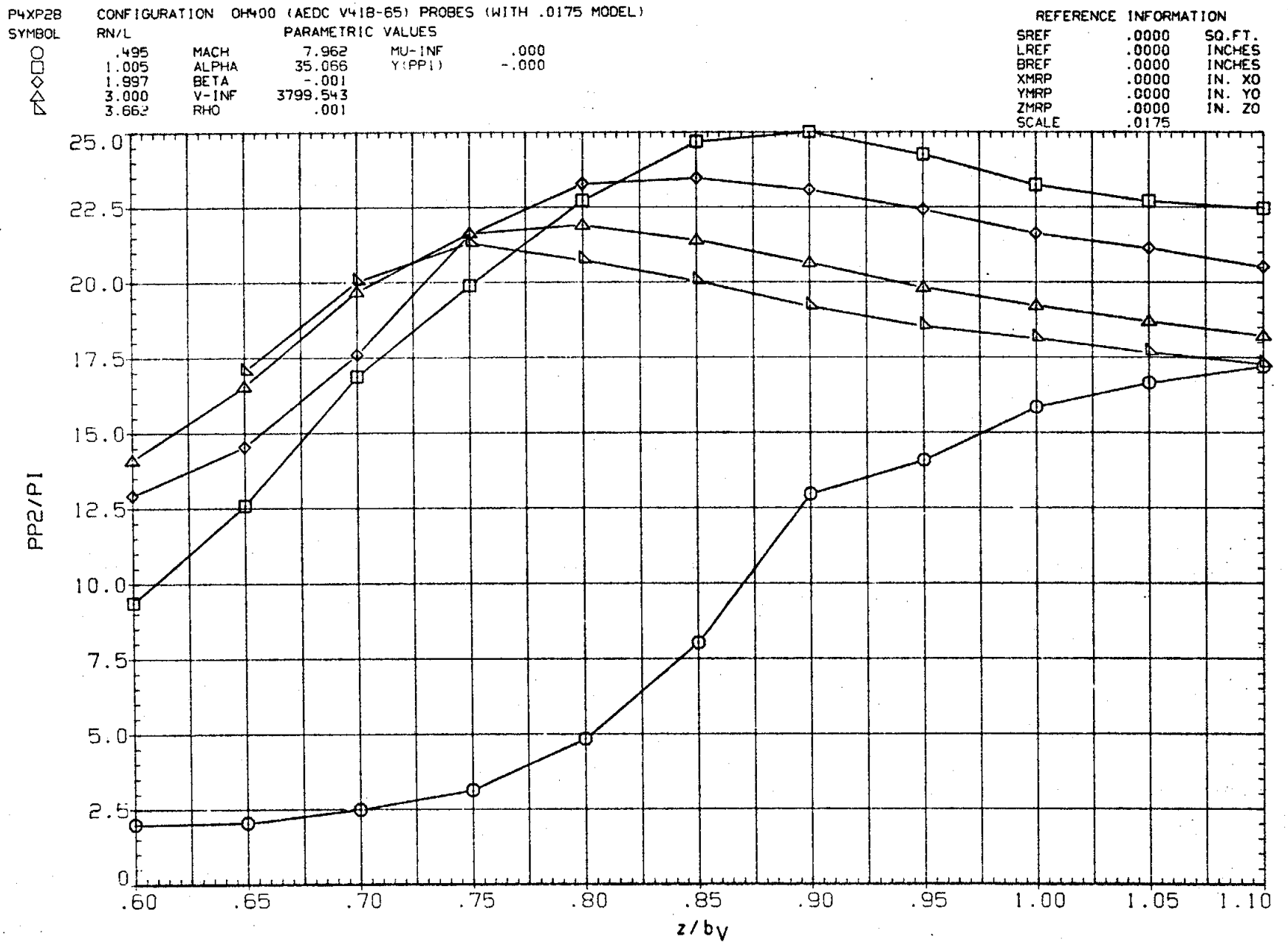


FIG. 58 EFFECT OF REYNOLDS NUMBER ON PRESSURE PROBE DATA (PP2/P-INF) WITH THE 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 35.0

P4XP28 CONFIGURATION OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
○	.495	MACH	7.962	MU-INF	.000
□	1.005	ALPHA	35.066	Y(PPI)	-.000
◇	1.997	BETA	-.001		
△	3.000	V-INF	3799.543		
◺	3.662	RHO	.001		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

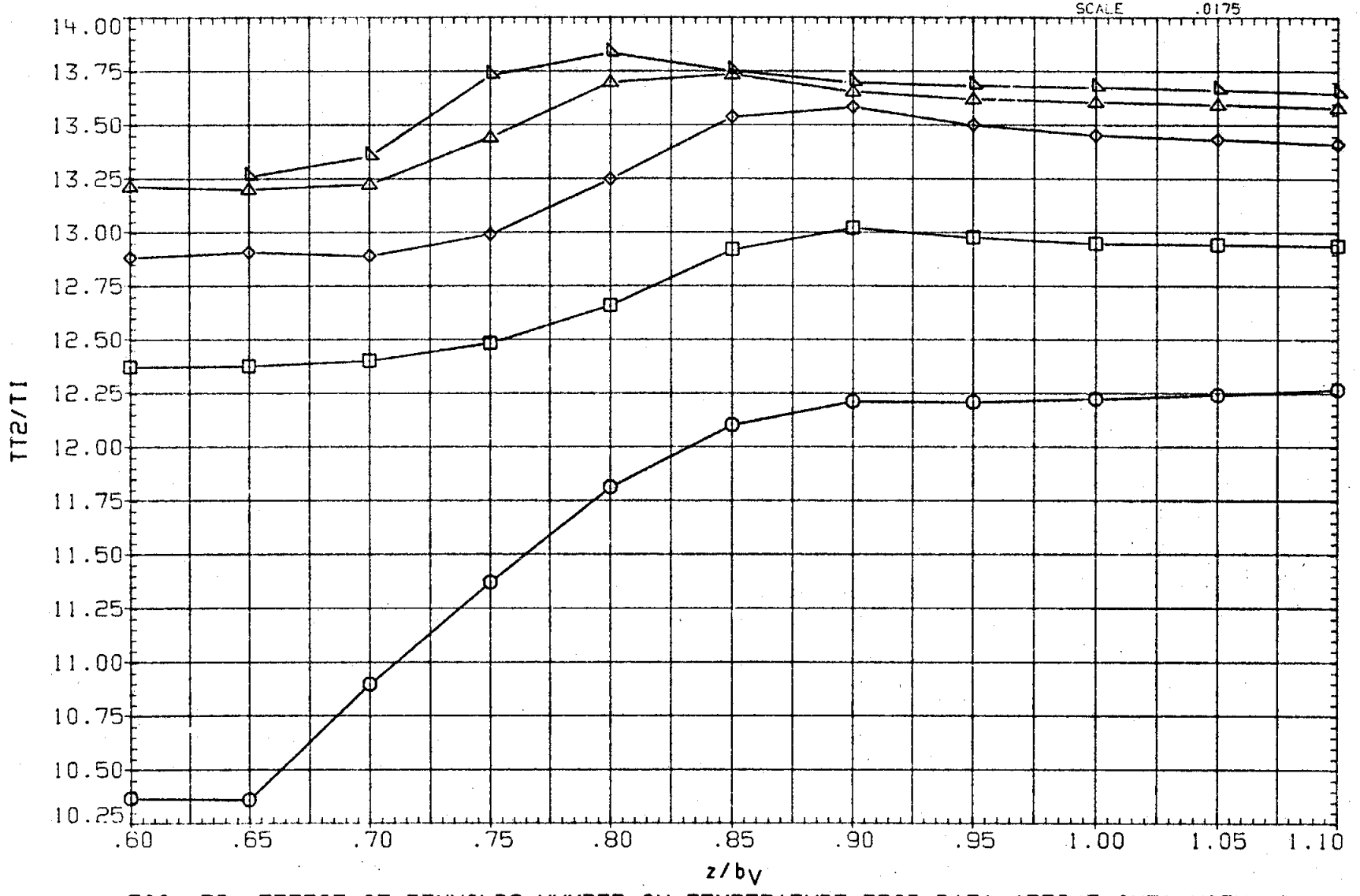


FIG. 59 EFFECT OF REYNOLDS NUMBER ON TEMPERATURE PROB DATA (TT2/T-INF) WITH 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 35.0

P4XP29 CONFIGURATION OH400 (AEDC V418-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
○	.495	MACH	7.962	MU-INF	.000
□	1.003	ALPHA	39.984	Y(PPI)	.001
◇	1.994	BETA	.002		
△	2.987	V-INF	3801.570		
◺	3.669	RHO	.001		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

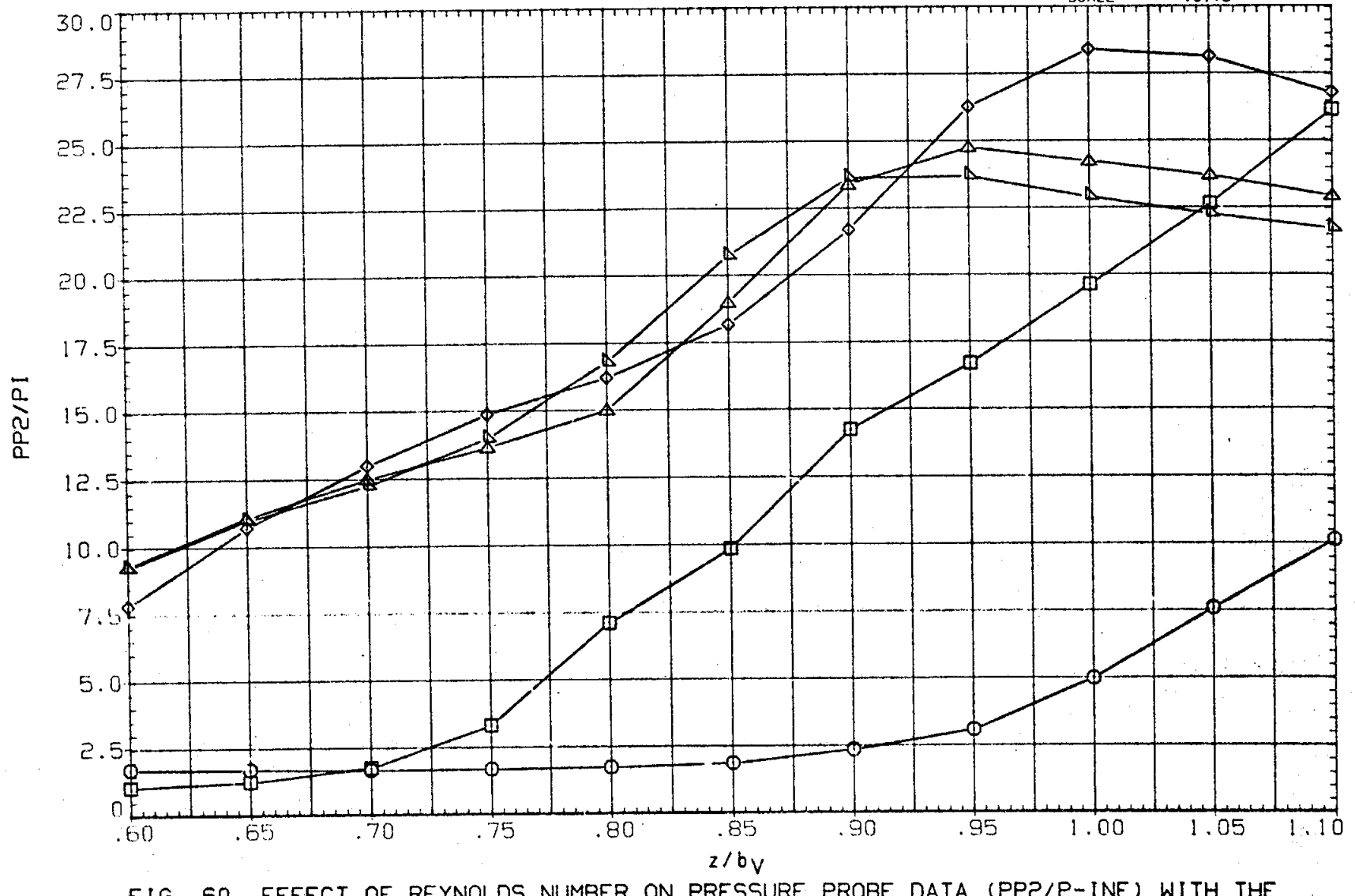


FIG. 60 EFFECT OF REYNOLDS NUMBER ON PRESSURE PROBE DATA (PP2/P-INF) WITH THE 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 40.0

P4XP30 CONFIGURATION OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
○	1.011	MACH	7.940	MU-INF	.000
		ALPHA	39.980	Y(PP1)	-.244
		BETA	.000		
		V-INF	3734.430		
		RHO	.001		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

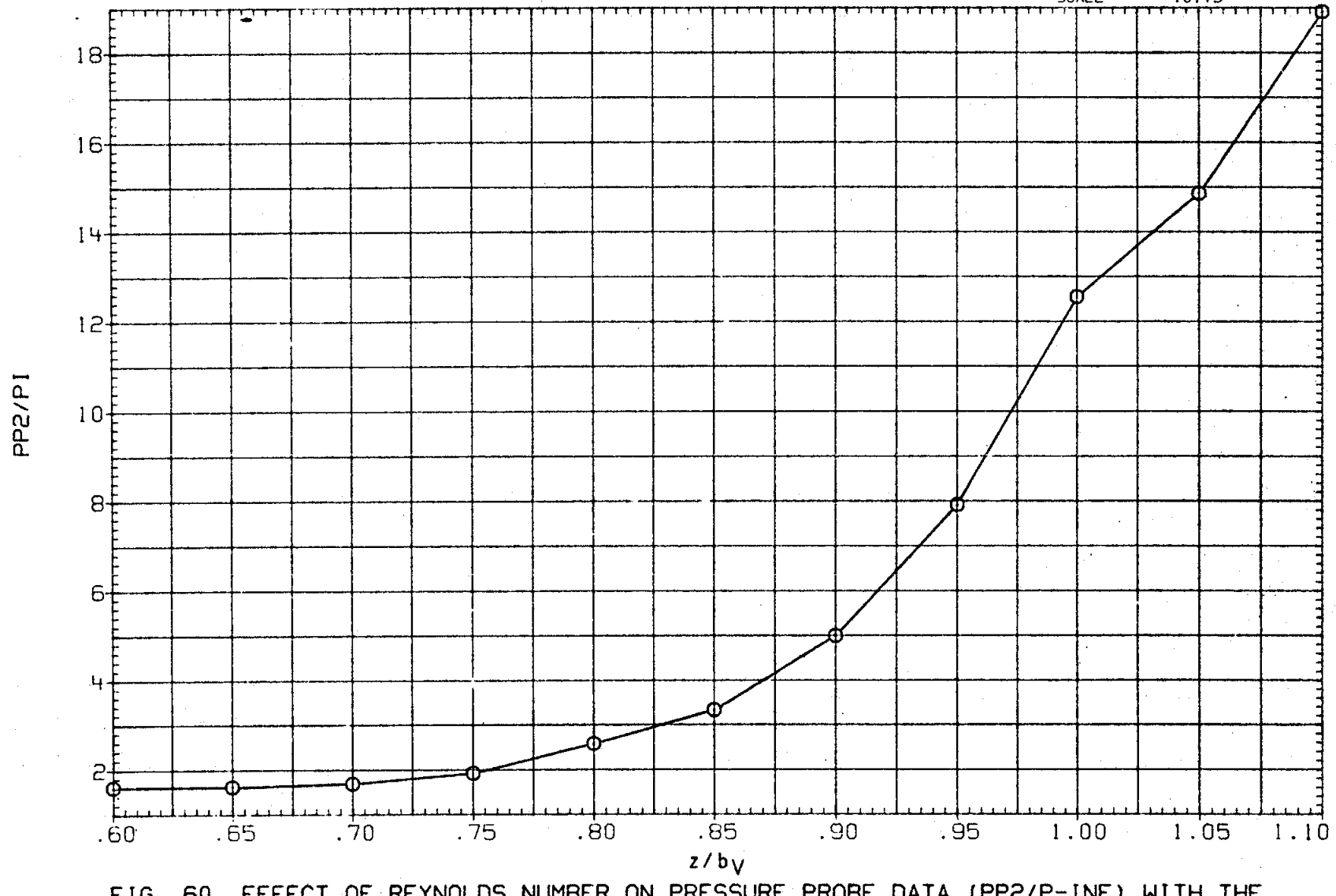


FIG. 60 EFFECT OF REYNOLDS NUMBER ON PRESSURE PROBE DATA (PP2/P-INF) WITH THE 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 40.0

P4XP31 CONFIGURATION OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
O	2.998	MACH	7.990	MU-INF	.000
		ALPHA	39.990	Y(PPI)	-.500
		BETA	.001		
		V-INF	3839.110		
		RHO	.002		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

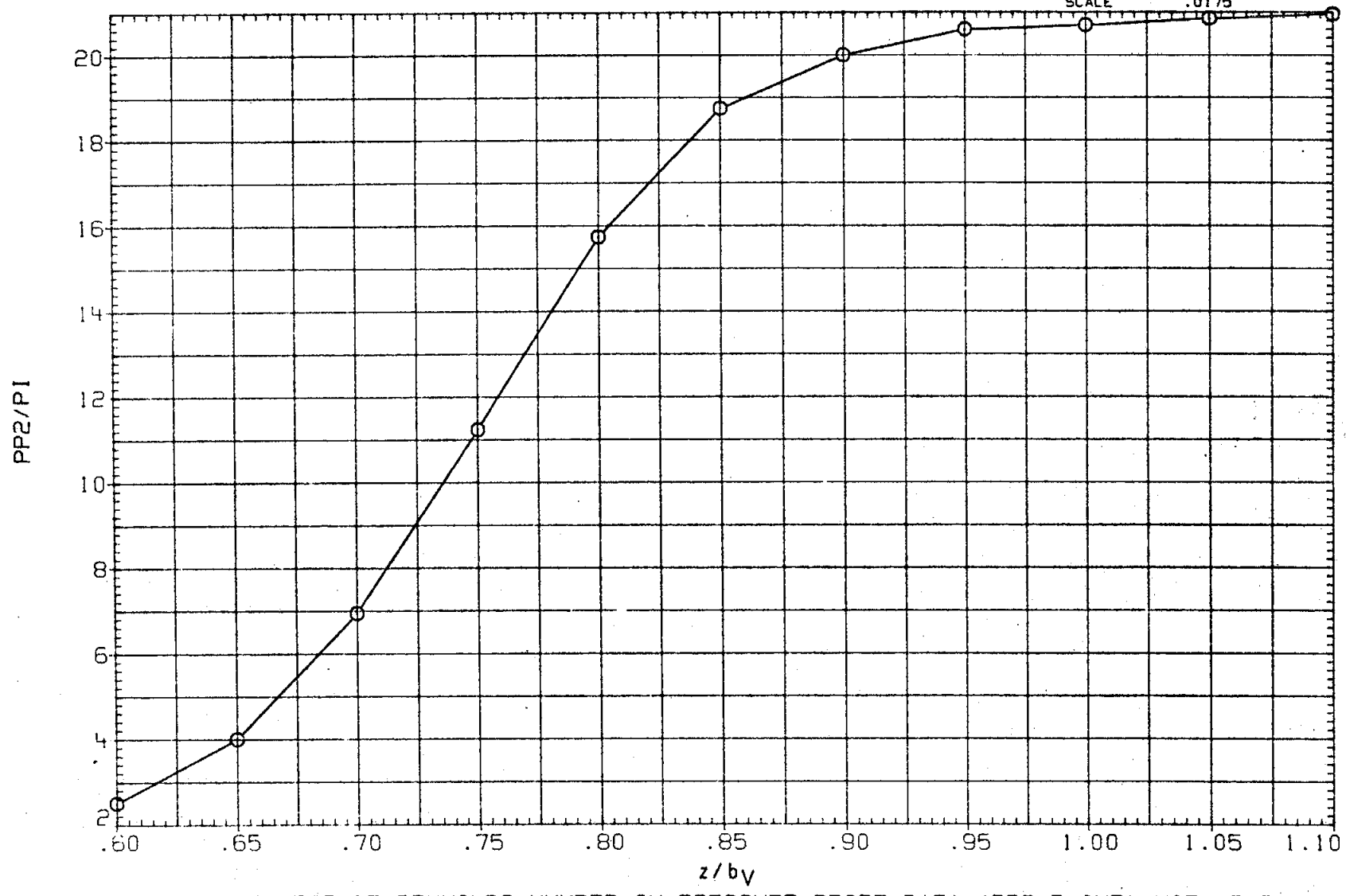


FIG. 60 EFFECT OF REYNOLDS NUMBER ON PRESSURE PROBE DATA (PP2/P-INF) WITH THE 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 40.0

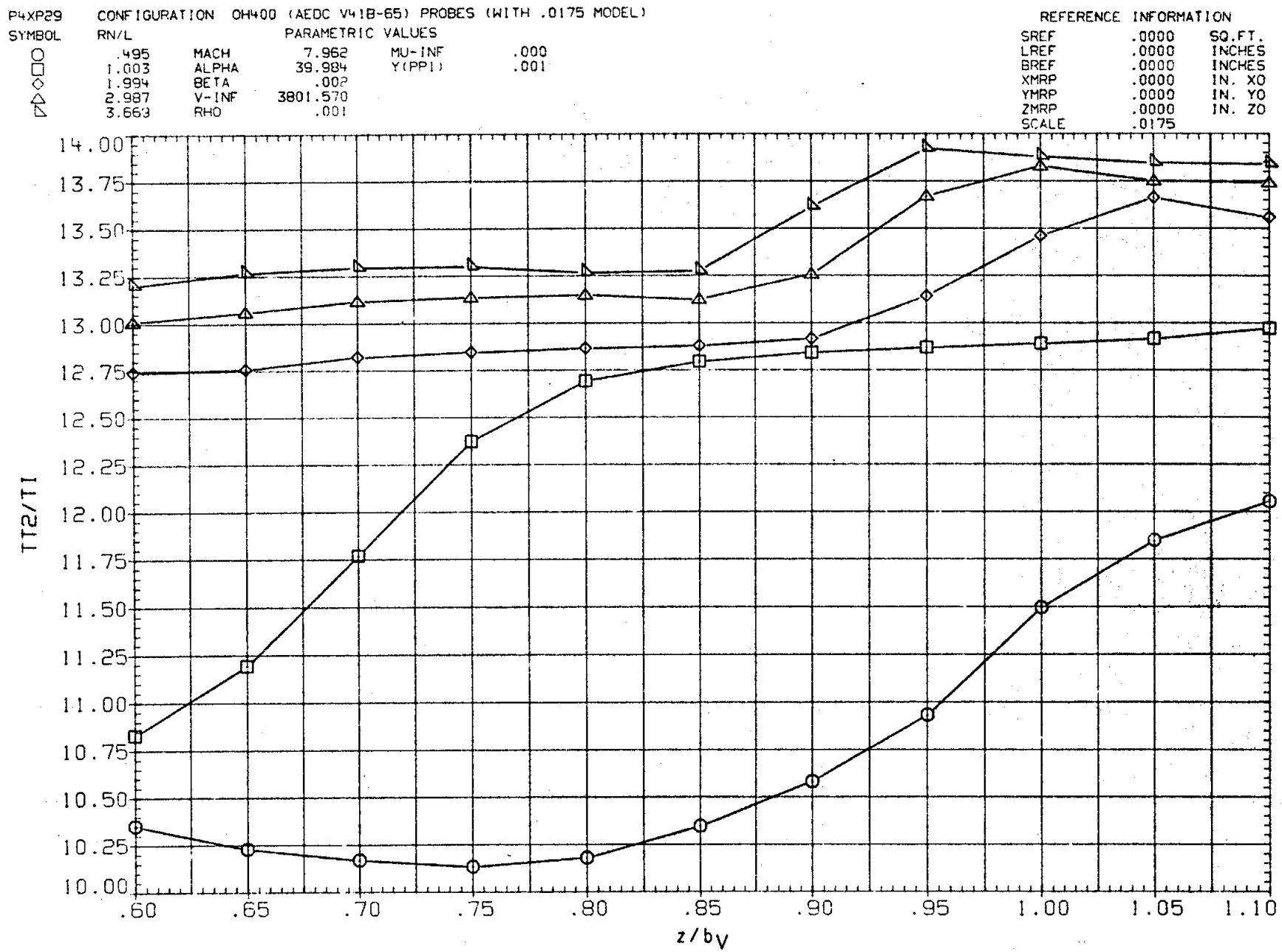


FIG. 61 EFFECT OF REYNOLDS NUMBER ON TEMPERATURE PROB DATA (TT2/T-INF) WITH 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 40.0

P4XP30 CONFIGURATION OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
O	1.011	MACH	7.940	MU-INF	.000
		ALPHA	39.980	Y(PPI)	-.244
		BETA	.000		
		V-INF	3734.430		
		RHO	.001		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

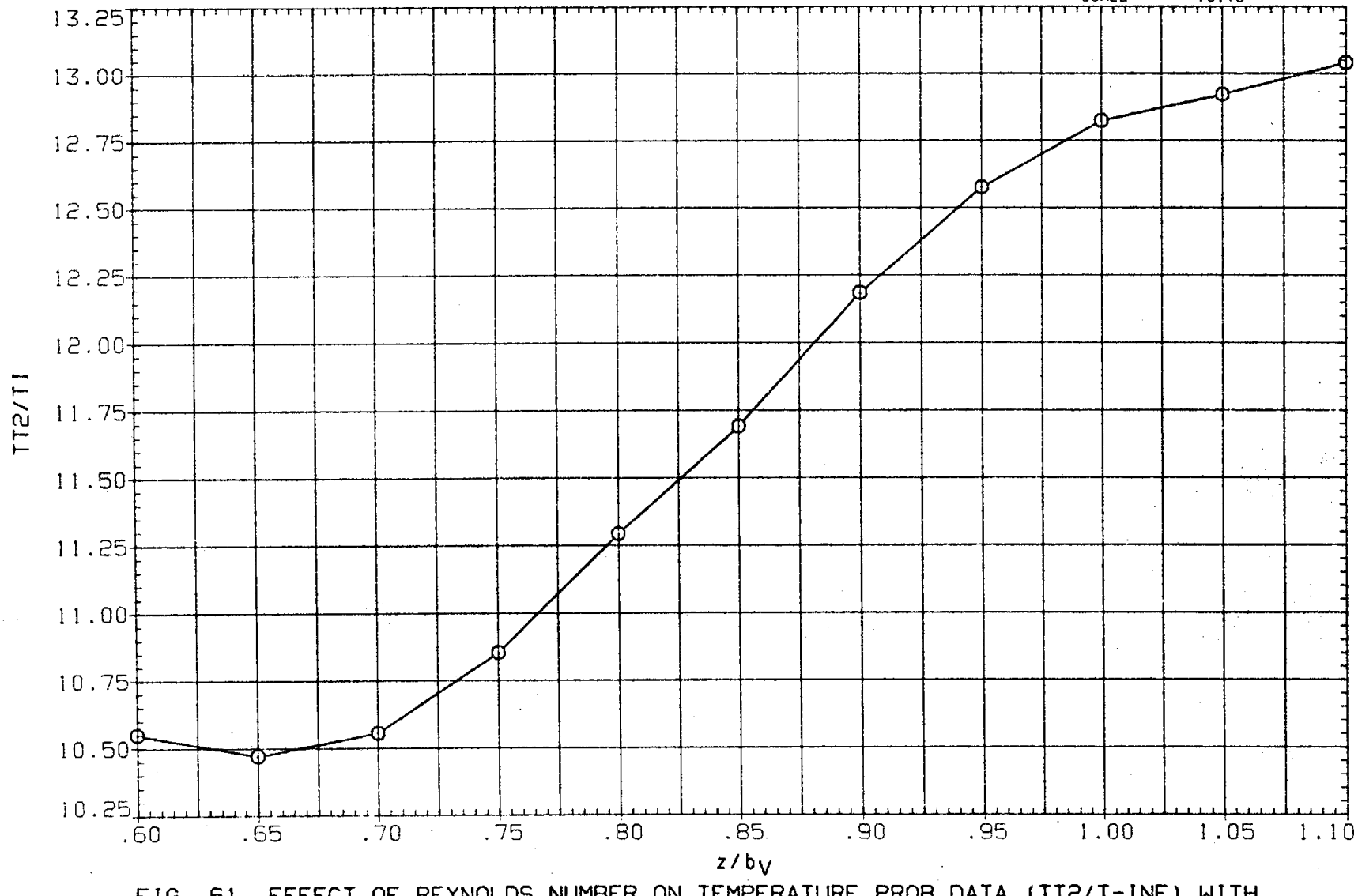


FIG. 61 EFFECT OF REYNOLDS NUMBER ON TEMPERATURE PROB DATA (TT2/T-INF) WITH 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 40.0

P4XP31 CONFIGURATION OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL)

SYMBOL	RN/L	PARAMETRIC VALUES			
O	2.998	MACH	7.990	MU-INF	.000
		ALPHA	39.990	Y(PP1)	-.500
		BETA	.001		
		V-INF	3839.110		
		RHO	.002		

REFERENCE INFORMATION

SREF	.0000	SQ.FT.
LREF	.0000	INCHES
BREF	.0000	INCHES
XMRP	.0000	IN. XO
YMRP	.0000	IN. YO
ZMRP	.0000	IN. ZO
SCALE	.0175	

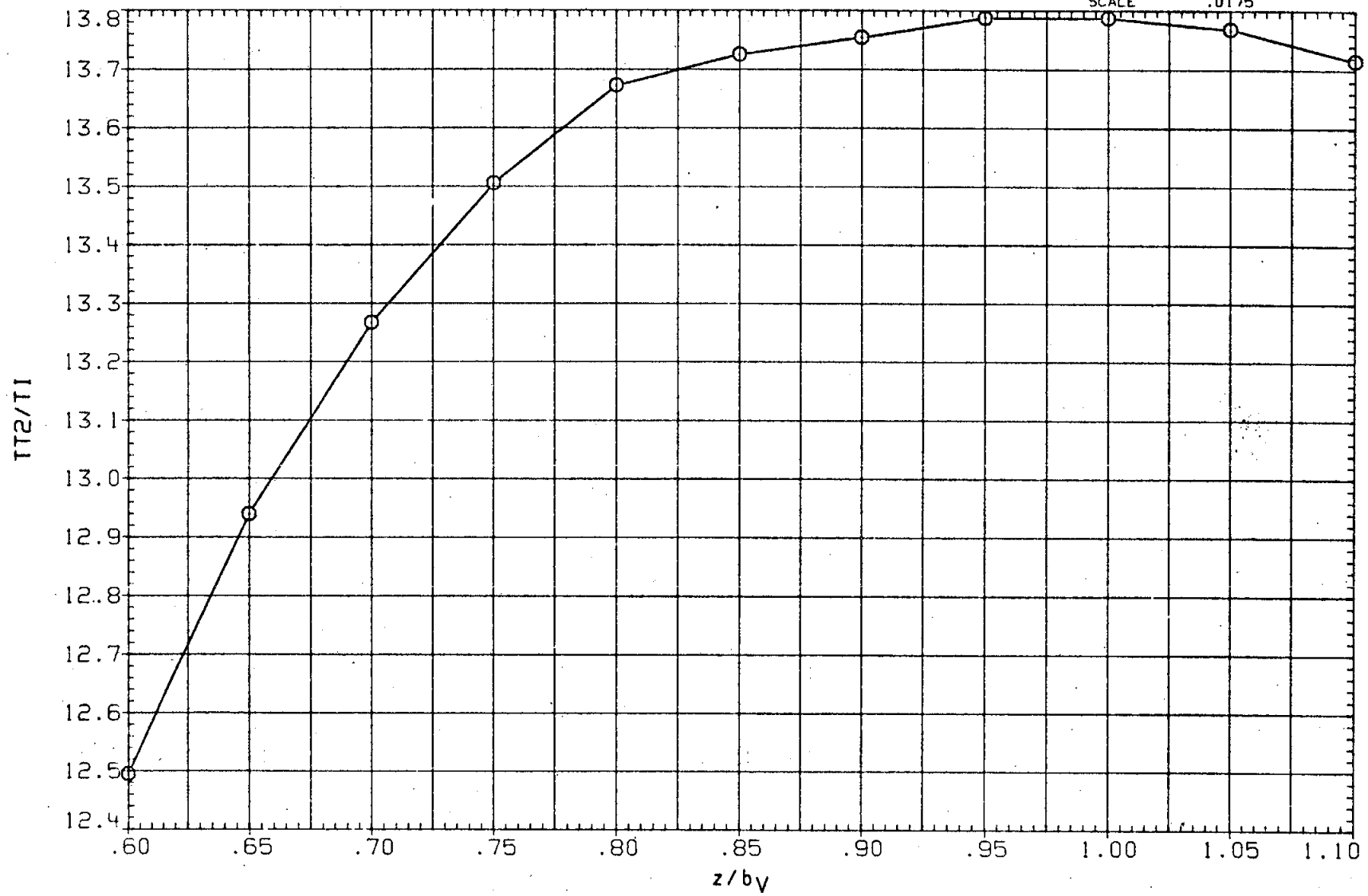


FIG. 61 EFFECT OF REYNOLDS NUMBER ON TEMPERATURE PROB DATA (TT2/T-INF) WITH 0.0175 SCALE MODEL VERT TAIL/ SILTS POD - ALPHA = 40.0

APPENDIX

TABULATED SOURCE DATA

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV01)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.2495-01

TEST CONDITIONS

RUN NUMBER	PN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
77	.5698	-4.954	-.2071-01	7.900	112.8	1246.	92.40	.1254-01	.5476	3723.	.3662-03	.7435-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
77	.1811-01	.5361-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
77	.70000	.10000+00	1.0000	.1506	.1822	.2729-02	.3301-02	527.2	29.36	1.960
77	.70000	.30000	2.0000	.5307-01	.6382-01	.9612-03	.1156-02	506.2	7.688	.7108
77	.70000	.50000	3.0000	.3919-01	.4708-01	.7099-03	.8528-03	502.1	5.721	.5279
77	.70000	.70000	4.0000	.2265-01	.2719-01	.4103-03	.4924-03	498.5	3.329	.3066
77	.70000	.90000	5.0000	.1083-01	.1299-01	.1961-03	.2353-03	497.5	1.674	.1467
77	.75000	.00000	6.0000	.4056	.4945	.7347-02	.8957-02	552.6	62.75	5.092
77	.75000	.10000+00	7.0000	.2122	.2565	.3844-02	.4646-02	524.5	31.19	2.772
77	.75000	.20000	8.0000	.8318-01	.1000	.1507-02	.1812-02	505.9	12.06	1.115
77	.75000	.30000	9.0000	.4897-01	.5881-01	.8869-03	.1065-02	501.5	7.514	.6601
77	.75000	.40000	10.000	.4654-01	.5587-01	.8429-03	.1012-02	500.3	6.815	.6282
77	.75000	.50000	11.000	.3963-01	.4757-01	.7178-03	.8616-03	499.1	6.108	.5359
77	.75000	.70000	12.000	.2041-01	.2448-01	.3697-03	.4435-03	496.4	3.162	.2770
77	.75000	.90000	13.000	.1117-01	.1339-01	.2023-03	.2425-03	495.0	1.734	.1518
77	.80000	.00000	14.000	.4742	.5769	.8590-02	.1045-01	545.8	74.34	6.012
77	.80000	.20000	16.000	.1075	.1292	.1947-02	.2341-02	505.5	14.55	1.441
77	.80000	.30000	17.000	.5857-01	.7033-01	.1061-02	.1274-02	500.5	9.003	.7905
77	.80000	.40000	18.000	.4848-01	.5818-01	.8782-03	.1054-02	498.3	7.484	.6563
77	.80000	.50000	19.000	.3929-01	.4711-01	.7116-03	.8533-03	495.7	6.414	.5337
77	.80000	.70000	20.000	.2110-01	.2529-01	.3822-03	.4581-03	493.5	3.286	.2875
77	.80000	.90000	21.000	.1498-01	.1795-01	.2712-03	.3251-03	493.8	2.331	.2040
77	.85000	.00000	22.000	.4195	.5135	.7598-02	.9301-02	565.1	71.24	5.171
77	.85000	.10000+00	23.000	.2044	.2474	.3701-02	.4482-02	530.4	37.12	2.647

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV01)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
77	.85000	.20000	24.000	.1019	.1225	.1845-02	.2219-02	507.4	14.72	1.362
77	.85000	.30000	25.000	.5587-01	.6707-01	.1012-02	.1215-02	499.5	9.059	.7552
77	.85000	.50000	27.000	.4650-01	.5577-01	.8423-03	.1010-02	495.7	8.014	.6317
77	.85000	.70000	28.000	.4515-01	.5416-01	.8178-03	.9810-03	497.0	6.986	.6122
77	.90000	.00000	29.000	.3217	.3907	.5827-02	.7077-02	540.4	45.86	4.109
77	.90000	.30000	31.000	.1505	.1816	.2726-02	.3290-02	518.9	23.53	1.981
77	.90000	.50000	32.000	.1225	.1477	.2219-02	.2676-02	516.3	22.85	1.618
77	.90000	.70000	33.000	.5846-01	.7019-01	.1059-02	.1271-02	500.0	9.469	.7896
77	.90000	.90000	34.000	.3103-01	.3722-01	.5620-03	.6741-03	496.7	4.575	.4209
77	.92500	.60000	37.000	.5621-01	.6751-01	.1018-02	.1223-02	501.1	10.15	.7581
77	.93700	.10000+00	35.000	.1427	.1721	.2584-02	.3117-02	516.7	26.59	1.884
77	.94100	.38000	36.000	.8985-01	.1078	.1627-02	.1953-02	498.3	12.06	1.216
77	.94900	.80000	39.000	.1722-01	.2064-01	.3118-03	.3738-03	494.2	2.747	.2343
77	.97300	-.13000	40.000	.5471	.6747	.9910-02	.1222-01	587.1	129.3	6.526
77	.97300	.00000	41.000	.1811	.2177	.3280-02	.3943-02	505.7	22.05	2.427
77	.97300	.18000	42.000	.5236-01	.6279-01	.9485-03	.1137-02	495.4	8.126	.7116
77	1.0000	.10000+00	43.000	.3383-01	.4057-01	.6127-03	.7348-03	495.6	7.497	.4596

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV01)

.0175 VERTICAL PARAMETRIC DATA

MACH = 7.940 BETA = -.2495-01

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
73	1.002	-4.972	-.2074-01	7.940	203.6	1257.	92.34	.2190-01	.9666	3740.	.6402-03	.7431-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
73	.2410-01	.4058-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
73	.70000	.10000+00	1.0000	.1491	.1806	.3594-02	.4352-02	535.3	38.67	2.592
73	.70000	.30000	2.0000	.5270-01	.6334-01	.1270-02	.1526-02	508.2	10.27	.9507
73	.70000	.50000	3.0000	.3810-01	.4574-01	.9183-03	.1102-02	504.3	7.479	.6909
73	.70000	.70000	4.0000	.2163-01	.2593-01	.5213-03	.6249-03	498.7	4.290	.3951
73	.70000	.90000	5.0000	.9975-02	.1195-01	.2404-03	.2881-03	497.0	2.084	.1826
73	.75000	.00000	6.0000	.4041	.4953	.9738-02	.1194-01	574.3	81.00	6.645
73	.75000	.10000+00	7.0000	.2090	.2529	.5037-02	.6095-02	532.7	40.86	3.647
73	.75000	.20000	8.0000	.8230-01	.9894-01	.1983-02	.2384-02	509.3	16.01	1.482
73	.75000	.30000	9.0000	.4852-01	.5824-01	.1169-02	.1404-02	503.3	10.02	.8811
73	.75000	.40000	10.000	.4598-01	.5516-01	.1108-02	.1329-02	501.9	9.064	.8363
73	.75000	.50000	11.000	.3878-01	.4653-01	.9347-03	.1121-02	501.7	8.033	.7057
73	.75000	.70000	12.000	.1921-01	.2302-01	.4631-03	.5548-03	496.8	4.016	.3519
73	.75000	.90000	13.000	.1004-01	.1202-01	.2419-03	.2896-03	494.6	2.106	.1843
73	.80000	.00000	14.000	.3227	.3911	.7777-02	.9426-02	538.3	69.35	5.587
73	.80000	.20000	16.000	.1060	.1274	.2554-02	.3071-02	509.7	19.22	1.908
73	.80000	.30000	17.000	.5818-01	.6985-01	.1402-02	.1683-02	504.4	11.99	1.055
73	.80000	.40000	18.000	.4700-01	.5636-01	.1133-02	.1358-02	500.3	9.758	.8566
73	.80000	.50000	19.000	.3791-01	.4543-01	.9137-03	.1095-02	497.1	8.335	.6940
73	.80000	.70000	20.000	.1952-01	.2337-01	.4704-03	.5632-03	493.8	4.102	.3589
73	.80000	.90000	21.000	.1763-01	.2112-01	.4250-03	.5090-03	495.4	3.695	.3235
73	.85000	.00000	22.000	.4076	.5024	.9822-02	.1211-01	591.0	88.93	6.538
73	.85000	.10000+00	23.000	.2037	.2474	.4909-02	.5961-02	544.6	48.66	3.496

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV01)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
73	.85000	.20000	24.000	.1010	.1215	.2435-02	.2929-02	512.1	19.55	1.813
73	.85000	.30000	25.000	.5566-01	.6680-01	.1341-02	.1610-02	503.0	12.11	1.011
73	.85000	.50000	27.000	.5227-01	.6267-01	.1260-02	.1510-02	499.8	12.07	.9534
73	.85000	.70000	28.000	.5029-01	.6029-01	.1212-02	.1453-02	499.7	10.45	.9173
73	.90000	.00000	29.000	.3293	.4017	.7937-02	.9682-02	559.4	61.18	5.534
73	.90000	.30000	31.000	.1614	.1954	.3890-02	.4709-02	534.7	33.08	2.808
73	.90000	.50000	32.000	.1279	.1546	.3082-02	.3725-02	528.6	31.49	2.244
73	.90000	.70000	33.000	.5705-01	.6848-01	.1375-02	.1650-02	503.5	12.40	1.036
73	.90000	.90000	34.000	.2975-01	.3566-01	.7170-03	.8595-03	498.6	5.901	.5435
73	.92500	.60000	37.000	.5360-01	.6436-01	.1292-02	.1551-02	505.1	12.98	.9709
73	.93700	.10000+00	35.000	.1464	.1768	.3529-02	.4262-02	526.0	36.23	2.578
73	.94100	.38000	36.000	.8874-01	.1065	.2139-02	.2566-02	501.7	15.98	1.615
73	.94900	.80000	39.000	.1536-01	.1840-01	.3702-03	.4434-03	495.2	3.303	.2819
73	.97300	-.13000	40.000	.5162	.6431	.1244-01	.1550-01	619.8	154.5	7.923
73	.97300	.00000	41.000	.1747	.2101	.4211-02	.5063-02	509.9	28.51	3.145
73	.97300	.18000	42.000	.5223-01	.6260-01	.1259-02	.1509-02	498.7	10.88	.9540
73	1.0000	.10000+00	43.000	.3434-01	.4116-01	.8277-03	.9919-03	497.7	10.24	.6281

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV01)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.2495-01

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PC PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
69	2.004	-5.044	-.3339-01	7.980	435.4	1302.	94.76	.4533-01	2.021	3808.	.1291-02	.7626-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
69	.3506-01	.2868-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
69	.70000	.10000+00	1.0000	.1480	.1800	.5187-02	.6310-02	570.5	55.59	3.793
69	.70000	.30000	2.0000	.5203-01	.6259-01	.1824-02	.2194-02	530.6	15.02	1.406
69	.70000	.50000	3.0000	.3737-01	.4488-01	.1310-02	.1573-02	523.3	10.93	1.020
69	.70000	.70000	4.0000	.2006-01	.2405-01	.7034-03	.8430-03	515.7	5.950	.5528
69	.70000	.90000	5.0000	.8126-02	.9727-02	.2849-03	.3410-03	511.1	2.551	.2252
69	.75000	.00000	6.0000	.4034	.5002	.1414-01	.1753-01	629.2	112.8	9.509
69	.75000	.10000+00	7.0000	.2069	.2516	.7253-02	.8821-02	569.3	58.42	5.312
69	.75000	.20000	8.0000	.8253-01	.9943-01	.2893-02	.3486-02	536.0	23.60	2.215
69	.75000	.30000	9.0000	.4849-01	.5829-01	.1700-02	.2044-02	527.3	14.79	1.316
69	.75000	.40000	10.000	.4473-01	.5375-01	.1568-02	.1884-02	525.8	13.03	1.217
69	.75000	.50000	11.000	.3744-01	.4497-01	.1313-02	.1577-02	524.1	11.48	1.021
69	.75000	.70000	12.000	.1782-01	.2135-01	.6248-03	.7486-03	514.9	5.557	.4915
69	.75000	.90000	13.000	.8474-02	.1014-01	.2971-03	.3556-03	510.2	2.665	.2351
69	.80000	.00000	14.000	.3616	.4420	.1268-01	.1550-01	586.0	110.0	9.073
69	.80000	.20000	16.000	.1062	.1281	.3725-02	.4491-02	538.9	28.20	2.841
69	.80000	.30000	17.000	.5753-01	.6921-01	.2017-02	.2426-02	530.5	17.44	1.555
69	.80000	.40000	18.000	.4613-01	.5544-01	.1617-02	.1943-02	526.4	14.09	1.254
69	.80000	.50000	19.000	.3643-01	.4373-01	.1277-02	.1533-02	522.1	11.80	.9955
69	.80000	.70000	20.000	.1930-01	.2311-01	.6765-03	.8103-03	513.4	6.034	.5333
69	.80000	.90000	21.000	.2170-01	.2600-01	.7609-03	.9114-03	513.6	6.784	.5996
69	.85000	.00000	22.000	.3985	.4984	.1397-01	.1747-01	652.2	119.8	9.072
69	.85000	.10000+00	23.000	.2016	.2466	.7068-02	.8644-02	587.9	68.72	5.045

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV01)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
69	.85000	.20000	24.000	.1019	.1230	.3573-02	.4311-02	540.9	28.88	2.718
69	.85000	.30000	25.000	.5475-01	.6584-01	.1920-02	.2308-02	528.6	17.54	1.484
69	.85000	.50000	27.000	.5940-01	.7142-01	.2082-02	.2504-02	528.4	20.09	1.610
69	.85000	.70000	28.000	.5446-01	.6540-01	.1909-02	.2293-02	523.3	16.73	1.486
69	.90000	.00000	29.000	.3360	.4137	.1178-01	.1450-01	608.7	88.04	8.162
69	.90000	.30000	31.000	.1693	.2065	.5935-02	.7240-02	579.9	49.33	4.284
69	.90000	.50000	32.000	.1331	.1617	.4667-02	.5669-02	565.3	47.35	3.437
69	.90000	.70000	33.000	.5501-01	.6606-01	.1929-02	.2316-02	523.7	17.78	1.500
69	.90000	.90000	34.000	.2859-01	.3425-01	.1002-02	.1201-02	514.0	8.504	.7895
69	.92500	.60000	37.000	.5156-01	.6197-01	.1808-02	.2173-02	527.0	18.51	1.400
69	.93700	.10000+00	35.000	.1469	.1784	.5150-02	.6256-02	564.9	52.29	3.795
69	.94100	.38000	36.000	.8182-01	.9837-01	.2863-02	.3449-02	528.2	21.66	2.218
69	.94900	.80000	39.000	.1389-01	.1662-01	.4870-03	.5828-03	509.8	4.483	.3856
69	.97300	-.13000	40.000	.4631	.5871	.1624-01	.2058-01	685.4	189.1	10.01
69	.97300	.00000	41.000	.1829	.2207	.6412-02	.7737-02	541.4	43.50	4.875
69	.97300	.18000	42.000	.5160-01	.6201-01	.1809-02	.2174-02	526.1	15.77	1.403
69	1.0000	.10000+00	43.000	.3409-01	.4096-01	.1195-02	.1436-02	526.2	14.88	.9267

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV02)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.1459-01

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
76	.5706	.4001-01	-.1212-01	7.900	113.0	1246.	92.40	.1255-01	.5484	3723.	.3667-03	.7435-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
76	.1813-01	.5357-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
76	.70000	.10000+00	1.0000	.1134	.1369	.2056-02	.2481-02	518.8	22.48	1.494
76	.70000	.30000	2.0000	.4096-01	.4920-01	.7424-03	.8918-03	502.0	5.984	.5521
76	.70000	.50000	3.0000	.3066-01	.3680-01	.5557-03	.6670-03	499.2	4.502	.4148
76	.70000	.70000	4.0000	.1834-01	.2199-01	.3323-03	.3987-03	496.9	2.704	.2488
76	.70000	.90000	5.0000	.9321-02	.1118-01	.1689-03	.2026-03	496.5	1.444	.1266
76	.75000	.00000	6.0000	.2939	.3567	.5326-02	.6466-02	538.8	46.72	3.765
76	.75000	.10000+00	7.0000	.1619	.1952	.2934-02	.3538-02	516.0	24.19	2.141
76	.75000	.20000	8.0000	.6495-01	.7799-01	.1177-02	.1414-02	500.7	9.512	.8770
76	.75000	.30000	9.0000	.3848-01	.4616-01	.6974-03	.8367-03	497.2	5.956	.5220
76	.75000	.40000	10.000	.3650-01	.4378-01	.6616-03	.7935-03	496.4	5.388	.4957
76	.75000	.50000	11.000	.3103-01	.3721-01	.5625-03	.6745-03	495.6	4.817	.4219
76	.75000	.70000	12.000	.1647-01	.1974-01	.2985-03	.3579-03	494.5	2.562	.2243
76	.75000	.90000	13.000	.9747-02	.1168-01	.1767-03	.2118-03	493.7	1.519	.1329
76	.80000	.00000	14.000	.3525	.4273	.6389-02	.7744-02	533.9	56.58	4.548
76	.80000	.20000	16.000	.8397-01	.1008	.1522-02	.1827-02	499.7	11.50	1.135
76	.80000	.30000	17.000	.4622-01	.5543-01	.8377-03	.1005-02	496.6	7.161	.6275
76	.80000	.40000	18.000	.3749-01	.4494-01	.6796-03	.8145-03	493.9	5.838	.5108
76	.80000	.50000	19.000	.3143-01	.3766-01	.5697-03	.6825-03	492.0	5.171	.4294
76	.80000	.70000	20.000	.1767-01	.2117-01	.3204-03	.3837-03	491.4	2.765	.2416
76	.80000	.90000	21.000	.1037-01	.1243-01	.1880-03	.2253-03	492.0	1.621	.1417
76	.85000	.00000	22.000	.3030	.3691	.5493-02	.6690-02	549.6	53.08	3.823
76	.85000	.10000+00	23.000	.1572	.1900	.2850-02	.3443-02	522.5	29.02	2.061

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV02)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
76	.85000	.20000	24.000	.8012-01	.9623-01	.1452-02	.1744-02	501.6	11.72	1.081
76	.85000	.30000	25.000	.4536-01	.5439-01	.8222-03	.9859-03	495.7	7.410	.6166
76	.85000	.50000	27.000	.3351-01	.4015-01	.6074-03	.7277-03	492.3	5.816	.4576
76	.85000	.70000	28.000	.2877-01	.3447-01	.5214-03	.6247-03	492.6	4.490	.3926
76	.90000	.00000	29.000	.2454	.2970	.4448-02	.5384-02	529.2	35.77	3.187
76	.90000	.30000	31.000	.9929-01	.1195	.1800-02	.2165-02	508.3	15.84	1.327
76	.90000	.50000	32.000	.8788-01	.1058	.1593-02	.1918-02	510.3	16.59	1.171
76	.90000	.70000	33.000	.4894-01	.5874-01	.8871-03	.1065-02	498.9	7.949	.6625
76	.90000	.90000	34.000	.2653-01	.3181-01	.4808-03	.5766-03	495.8	3.921	.3606
76	.92500	.60000	37.000	.5371-01	.6448-01	.9735-03	.1169-02	500.0	9.729	.7259
76	.93700	.10000+00	35.000	.1164	.1401	.2109-02	.2540-02	511.8	21.91	1.548
76	.94100	.38000	36.000	.7850-01	.9412-01	.1423-02	.1706-02	495.2	10.60	1.068
76	.94900	.80000	39.000	.1691-01	.2027-01	.3065-03	.3673-03	493.0	2.706	.2307
76	.97300	-.13000	40.000	.4501	.5536	.8159-02	.1003-01	579.3	108.2	5.437
76	.97300	.00000	41.000	.1705	.2048	.3090-02	.3712-02	501.8	20.93	2.299
76	.97300	.18000	42.000	.4885-01	.5853-01	.8854-03	.1061-02	492.6	7.626	.6668
76	1.0000	.10000+00	43.000	.2618-01	.3136-01	.4746-03	.5683-03	490.5	5.862	.3584

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV02)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.1459-01

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
72	1.008	.1801-01	-.1216-01	7.940	205.3	1259.	92.49	.2209-01	.9747	3743.	.6445-03	.7443-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
72	.2421-01	.4045-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
72	.70000	.10000+00	1.0000	.1114	.1345	.2697-02	.3255-02	525.0	29.67	1.979
72	.70000	.30000	2.0000	.3971-01	.4763-01	.9613-03	.1153-02	501.3	7.895	.7281
72	.70000	.50000	3.0000	.2917-01	.3494-01	.7061-03	.8459-03	497.1	5.843	.5377
72	.70000	.70000	4.0000	.1710-01	.2047-01	.4139-03	.4955-03	493.7	3.447	.3166
72	.70000	.90000	5.0000	.8205-02	.9818-02	.1986-03	.2377-03	492.6	1.740	.1521
72	.75000	.00000	6.0000	.2871	.3497	.6949-02	.8465-02	555.7	60.11	4.885
72	.75000	.10000+00	7.0000	.1599	.1929	.3871-02	.4670-02	523.2	32.05	2.847
72	.75000	.20000	8.0000	.6408-01	.7686-01	.1551-02	.1861-02	502.0	12.72	1.174
72	.75000	.30000	9.0000	.3748-01	.4490-01	.9073-03	.1087-02	496.8	7.887	.6912
72	.75000	.40000	10.000	.3516-01	.4210-01	.8510-03	.1019-02	495.5	7.063	.6495
72	.75000	.50000	11.000	.2956-01	.3539-01	.7156-03	.8567-03	494.4	6.249	.5469
72	.75000	.70000	12.000	.1532-01	.1833-01	.3709-03	.4437-03	491.4	3.257	.2846
72	.75000	.90000	13.000	.8507-02	.1017-01	.2059-03	.2462-03	489.9	1.813	.1583
72	.80000	.00000	14.000	.1995	.2407	.4831-02	.5826-02	521.7	44.56	3.560
72	.80000	.20000	16.000	.8210-01	.9846-01	.1987-02	.2383-02	501.2	15.23	1.505
72	.80000	.30000	17.000	.4472-01	.5357-01	.1083-02	.1297-02	496.4	9.420	.8253
72	.80000	.40000	18.000	.3648-01	.4367-01	.8832-03	.1057-02	494.0	7.718	.6754
72	.80000	.50000	19.000	.2981-01	.3566-01	.7216-03	.8632-03	491.2	6.672	.5539
72	.80000	.70000	20.000	.1595-01	.1906-01	.3860-03	.4614-03	488.4	3.407	.2973
72	.80000	.90000	21.000	.1057-01	.1263-01	.2558-03	.3057-03	488.0	2.260	.1972
72	.85000	.00000	22.000	.2879	.3525	.6970-02	.8532-02	571.4	65.78	4.790
72	.85000	.10000+00	23.000	.1548	.1871	.3746-02	.4530-02	531.3	38.19	2.725

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV02)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
72	.85000	.20000	24.000	.7837-01	.9404-01	.1897-02	.2276-02	503.2	15.52	1.433
72	.85000	.30000	25.000	.4316-01	.5168-01	.1045-02	.1251-02	495.4	9.585	.7974
72	.85000	.50000	27.000	.3418-01	.4089-01	.8275-03	.9898-03	491.0	8.078	.6352
72	.85000	.70000	28.000	.3186-01	.3812-01	.7713-03	.9227-03	491.7	6.768	.5915
72	.90000	.00000	29.000	.2508	.3045	.6072-02	.7372-02	544.7	48.27	4.335
72	.90000	.30000	31.000	.1080	.1301	.2614-02	.3148-02	517.6	23.02	1.937
72	.90000	.50000	32.000	.9596-01	.1157	.2323-02	.2800-02	519.9	24.19	1.716
72	.90000	.70000	33.000	.5085-01	.6093-01	.1231-02	.1475-02	498.0	11.24	.9363
72	.90000	.90000	34.000	.2760-01	.3303-01	.6682-03	.7996-03	492.9	5.572	.5117
72	.92500	.60000	37.000	.5157-01	.6184-01	.1248-02	.1497-02	500.4	12.69	.9466
72	.93700	.10000+00	35.000	.1188	.1433	.2877-02	.3470-02	522.3	29.83	2.118
72	.94100	.38000	36.000	.7880-01	.9440-01	.1908-02	.2285-02	496.9	14.42	1.453
72	.94900	.80000	39.000	.1481-01	.1771-01	.3586-03	.4287-03	488.8	3.245	.2761
72	.97300	-.13000	40.000	.4270	.5315	.1034-01	.1287-01	618.2	129.3	6.621
72	.97300	.00000	41.000	.1706	.2048	.4129-02	.4959-02	506.8	28.19	3.104
72	.97300	.18000	42.000	.4812-01	.5760-01	.1165-02	.1394-02	493.2	10.19	.8917
72	1.0000	.10000+00	43.000	.2509-01	.3000-01	.6073-03	.7262-03	490.1	7.635	.4667

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV02)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.1459-01

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
68	2.005	.2027-02	-.1949-01	7.980	435.6	1302.	94.76	.4535-01	2.021	3808.	.1292-02	.7626-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
68	.3507-01	.2867-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
68	.70000	.10000+00	1.0000	.1093	.1321	.3831-02	.4632-02	548.9	42.73	2.884
68	.70000	.30000	2.0000	.3989-01	.4783-01	.1399-02	.1677-02	517.3	11.80	1.097
68	.70000	.50000	3.0000	.2877-01	.3445-01	.1009-02	.1208-02	512.3	8.587	.7905
68	.70000	.70000	4.0000	.1581-01	.1891-01	.5545-03	.6633-03	507.8	4.759	.4402
68	.70000	.90000	5.0000	.6643-02	.7940-02	.2329-03	.2784-03	505.0	2.109	.1856
68	.75000	.00000	6.0000	.2938	.3604	.1030-01	.1264-01	597.6	87.40	7.253
68	.75000	.10000+00	7.0000	.1546	.1869	.5420-02	.6553-02	548.8	45.34	4.080
68	.75000	.20000	8.0000	.6222-01	.7468-01	.2182-02	.2619-02	521.3	18.27	1.703
68	.75000	.30000	9.0000	.3691-01	.4421-01	.1294-02	.1550-02	513.7	11.54	1.020
68	.75000	.40000	10.000	.3422-01	.4098-01	.1200-02	.1437-02	512.4	10.21	.9471
68	.75000	.50000	11.000	.2876-01	.3443-01	.1009-02	.1207-02	511.3	9.028	.7971
68	.75000	.70000	12.000	.1428-01	.1708-01	.5008-03	.5988-03	505.9	4.527	.3986
68	.75000	.90000	13.000	.6845-02	.8178-02	.2400-03	.2868-03	502.7	2.182	.1918
68	.80000	.00000	14.000	.2843	.3453	.9971-02	.1211-01	564.4	90.06	7.351
68	.80000	.20000	16.000	.8029-01	.9642-01	.2815-02	.3381-02	523.7	21.91	2.190
68	.80000	.30000	17.000	.4383-01	.5255-01	.1537-02	.1843-02	516.9	13.62	1.206
68	.80000	.40000	18.000	.3552-01	.4254-01	.1246-02	.1492-02	512.2	11.13	.9834
68	.80000	.50000	19.000	.2848-01	.3407-01	.9986-03	.1195-02	508.8	9.452	.7917
68	.80000	.70000	20.000	.1446-01	.1728-01	.5072-03	.6060-03	503.5	4.603	.4048
68	.80000	.90000	21.000	.1210-01	.1445-01	.4241-03	.5067-03	503.2	3.352	.3387
68	.85000	.00000	22.000	.2888	.3570	.1013-01	.1252-01	620.7	92.44	6.896
68	.85000	.10000+00	23.000	.1523	.1850	.5339-02	.6486-02	565.8	54.11	3.929

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

(R4XV02)

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
68	.85000	.20000	24.000	.7736-01	.9296-01	.2713-02	.3260-02	526.2	22.52	2.104
68	.85000	.30000	25.000	.4236-01	.5077-01	.1485-02	.1780-02	516.0	13.88	1.167
68	.85000	.50000	27.000	.3700-01	.4430-01	.1297-02	.1553-02	511.8	12.89	1.025
68	.85000	.70000	28.000	.3489-01	.4175-01	.1223-02	.1464-02	510.1	10.98	.9684
68	.90000	.00000	29.000	.2581	.3155	.9050-02	.1106-01	586.5	70.59	6.473
68	.90000	.30000	31.000	.1179	.1427	.4136-02	.5005-02	552.2	36.20	3.100
68	.90000	.50000	32.000	.1033	.1252	.3624-02	.4391-02	556.4	37.37	2.701
68	.90000	.70000	33.000	.5075-01	.6085-01	.1780-02	.2134-02	517.8	16.57	1.395
68	.90000	.90000	34.000	.2835-01	.3391-01	.9942-03	.1189-02	507.9	8.527	.7891
68	.92500	.60000	37.000	.4953-01	.5943-01	.1737-02	.2084-02	519.9	18.01	1.358
68	.93700	.10000+00	35.000	.1220	.1477	.4278-02	.5179-02	553.4	44.36	3.201
68	.94100	.38000	36.000	.7380-01	.8850-01	.2588-02	.3103-02	517.8	19.91	2.028
68	.94900	.80000	39.000	.1255-01	.1499-01	.4401-03	.5257-03	502.1	4.107	.3519
68	.97300	-.13000	40.000	.4309	.5461	.1511-01	.1915-01	684.6	176.3	9.324
68	.97300	.00000	41.000	.1707	.2055	.5985-02	.7208-02	534.5	41.12	4.592
68	.97300	.18000	42.000	.4830-01	.5789-01	.1694-02	.2030-02	515.9	15.04	1.331
68	1.0000	.10000+00	43.000	.2428-01	.2907-01	.8513-03	.1019-02	511.4	10.89	.6728

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV03)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.4127-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
75	.5752	5.036	-.3427-02	7.900	113.9	1246.	92.40	.1265-01	.5528	3723.	.3696-03	.7435-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
75	.1820-01	.5335-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
75	.70000	.10000+00	1.0000	.8456-01	.1018	.1539-02	.1852-02	508.5	17.16	1.134
75	.70000	.30000	2.0000	.3217-01	.3859-01	.5855-03	.7022-03	496.2	4.771	.4388
75	.70000	.50000	3.0000	.2354-01	.2823-01	.4284-03	.5138-03	496.1	3.491	.3211
75	.70000	.70000	4.0000	.1530-01	.1835-01	.2784-03	.3339-03	496.1	2.269	.2087
75	.70000	.90000	5.0000	.8136-02	.9759-02	.1481-03	.1776-03	497.0	1.265	.1108
75	.75000	.00000	6.0000	.1972	.2384	.3589-02	.4339-02	524.5	32.36	2.589
75	.75000	.10000+00	7.0000	.1218	.1464	.2216-02	.2665-02	505.5	18.64	1.641
75	.75000	.20000	8.0000	.5119-01	.6135-01	.9316-03	.1116-02	493.5	7.629	.7007
75	.75000	.30000	9.0000	.3039-01	.3640-01	.5531-03	.6625-03	491.0	4.777	.4174
75	.75000	.40000	10.000	.2900-01	.3473-01	.5277-03	.6320-03	491.0	4.341	.3982
75	.75000	.50000	11.000	.2448-01	.2932-01	.4455-03	.5336-03	491.8	3.842	.3358
75	.75000	.70000	12.000	.1384-01	.1659-01	.2519-03	.3019-03	493.1	2.168	.1896
75	.75000	.90000	13.000	.9022-02	.1081-01	.1642-03	.1968-03	493.4	1.412	.1235
75	.80000	.00000	14.000	.2391	.2889	.4351-02	.5258-02	523.5	39.29	3.142
75	.80000	.20000	16.000	.6652-01	.7970-01	.1211-02	.1450-02	492.1	9.277	.9123
75	.80000	.30000	17.000	.3688-01	.4416-01	.6712-03	.8036-03	489.8	5.811	.5073
75	.80000	.40000	18.000	.3094-01	.3702-01	.5630-03	.6738-03	488.1	4.889	.4265
75	.80000	.50000	19.000	.2564-01	.3068-01	.4666-03	.5583-03	487.2	4.272	.3539
75	.80000	.70000	20.000	.1567-01	.1876-01	.2852-03	.3414-03	489.3	2.471	.2157
75	.80000	.90000	21.000	.8926-02	.1069-01	.1624-03	.1945-03	491.0	1.403	.1226
75	.85000	.00000	22.000	.2056	.2493	.3742-02	.4537-02	534.2	37.26	2.663
75	.85000	.10000+00	23.000	.1184	.1425	.2154-02	.2594-02	510.8	22.42	1.583

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV03)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
75	.85000	.20000	24.000	.6344-01	.7605-01	.1155-02	.1384-02	494.4	9.438	.8674
75	.85000	.30000	25.000	.3671-01	.4395-01	.6680-03	.7998-03	489.5	6.091	.5051
75	.85000	.50000	27.000	.2615-01	.3128-01	.4758-03	.5693-03	487.2	4.598	.3609
75	.85000	.70000	28.000	.2056-01	.2461-01	.3741-03	.4479-03	489.5	3.241	.2829
75	.90000	.00000	29.000	.1803	.2176	.3282-02	.3960-02	518.4	26.94	2.387
75	.90000	.30000	31.000	.6685-01	.8020-01	.1217-02	.1459-02	497.2	10.94	.9106
75	.90000	.50000	32.000	.5998-01	.7202-01	.1092-02	.1311-02	500.2	11.59	.8137
75	.90000	.70000	33.000	.3798-01	.4554-01	.6911-03	.8287-03	495.6	6.231	.5184
75	.90000	.90000	34.000	.2135-01	.2560-01	.3886-03	.4659-03	494.5	3.176	.2919
75	.92500	.60000	37.000	.4656-01	.5589-01	.8474-03	.1017-02	499.3	8.480	.6325
75	.93700	.10000+00	35.000	.9302-01	.1118	.1693-02	.2035-02	504.9	17.81	1.254
75	.94100	.38000	36.000	.7127-01	.8537-01	.1297-02	.1554-02	491.7	9.730	.9779
75	.94900	.80000	39.000	.1736-01	.2080-01	.3159-03	.3786-03	493.1	2.788	.2377
75	.97300	-.13000	40.000	.3457	.4227	.6291-02	.7692-02	562.1	86.30	4.300
75	.97300	.00000	41.000	.1384	.1659	.2518-02	.3019-02	495.3	17.26	1.889
75	.97300	.18000	42.000	.4181-01	.5003-01	.7609-03	.9104-03	487.4	6.616	.5770
75	1.0000	.10000+00	43.000	.2104-01	.2516-01	.3829-03	.4579-03	485.0	4.778	.2913

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV03)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.4127-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
71	.9993	5.040	-.3420-02	7.940	204.1	1261.	92.64	.2196-01	.8690	3746.	.6397-03	.7454-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
71	.2414-01	.4061-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
71	.70000	.10000+00	1.0000	.8216-01	.9895-01	.1983-02	.2389-02	518.1	22.17	1.473
71	.70000	.30000	2.0000	.3083-01	.3696-01	.7444-03	.8924-03	500.8	6.135	.5656
71	.70000	.50000	3.0000	.2238-01	.2682-01	.5404-03	.6475-03	498.6	4.471	.4118
71	.70000	.70000	4.0000	.1410-01	.1689-01	.3404-03	.4077-03	497.6	2.822	.2597
71	.70000	.90000	5.0000	.7265-02	.8702-02	.1754-03	.2101-03	497.7	1.527	.1338
71	.75000	.00000	6.0000	.1993	.2416	.4813-02	.5832-02	539.3	43.08	3.472
71	.75000	.10000+00	7.0000	.1177	.1417	.2842-02	.3421-02	516.1	23.91	2.116
71	.75000	.20000	8.0000	.4907-01	.5882-01	.1185-02	.1420-02	500.1	9.775	.9010
71	.75000	.30000	9.0000	.2876-01	.3444-01	.6944-03	.8316-03	496.4	6.058	.5308
71	.75000	.40000	10.000	.2741-01	.3282-01	.6619-03	.7925-03	495.8	5.505	.5063
71	.75000	.50000	11.000	.2316-01	.2772-01	.5590-03	.6693-03	495.4	4.885	.4278
71	.75000	.70000	12.000	.1272-01	.1523-01	.3070-03	.3676-03	495.1	2.685	.2351
71	.75000	.90000	13.000	.7914-02	.9474-02	.1911-03	.2287-03	494.7	1.672	.1464
71	.80000	.00000	14.000	.1680	.2023	.4055-02	.4884-02	517.7	37.79	3.012
71	.80000	.20000	16.000	.6395-01	.7665-01	.1544-02	.1851-02	499.8	11.90	1.175
71	.80000	.30000	17.000	.3482-01	.4170-01	.8406-03	.1007-02	496.4	7.334	.6425
71	.80000	.40000	18.000	.2870-01	.3434-01	.6928-03	.8291-03	493.8	6.072	.5313
71	.80000	.50000	19.000	.2393-01	.2862-01	.5777-03	.6910-03	492.0	5.347	.4440
71	.80000	.70000	20.000	.1380-01	.1651-01	.3333-03	.3987-03	491.9	2.931	.2562
71	.80000	.90000	21.000	.7942-02	.9501-02	.1917-03	.2294-03	492.6	1.684	.1473
71	.85000	.00000	22.000	.2035	.2476	.4914-02	.5978-02	552.4	48.25	3.480
71	.85000	.10000+00	23.000	.1155	.1394	.2789-02	.3366-02	524.3	28.89	2.054

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

(R4XV03)

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
71	.85000	.20000	24.000	.6083-01	.7296-01	.1469-02	.1761-02	502.0	12.08	1.114
71	.85000	.30000	25.000	.3479-01	.4166-01	.8400-03	.1006-02	495.9	7.720	.6424
71	.85000	.50000	27.000	.2514-01	.3007-01	.6068-03	.7259-03	492.1	5.929	.4664
71	.85000	.70000	28.000	.2094-01	.2506-01	.5056-03	.6049-03	492.7	4.441	.3883
71	.90000	.00000	29.000	.1825	.2207	.4406-02	.5329-02	532.7	35.93	3.207
71	.90000	.30000	31.000	.7222-01	.8677-01	.1744-02	.2095-02	508.7	15.65	1.311
71	.90000	.50000	32.000	.6548-01	.7876-01	.1581-02	.1901-02	512.9	16.72	1.182
71	.90000	.70000	33.000	.4034-01	.4835-01	.9739-03	.1167-02	500.0	8.885	.7409
71	.90000	.90000	34.000	.2302-01	.2757-01	.5558-03	.6657-03	497.1	4.612	.4244
71	.92500	.60000	37.000	.4818-01	.5782-01	.1163-02	.1396-02	504.6	11.76	.8796
71	.93700	.10000+00	35.000	.9498-01	.1144	.2293-02	.2762-02	518.6	24.00	1.702
71	.94100	.38000	36.000	.7022-01	.8414-01	.1695-02	.2031-02	498.4	12.81	1.292
71	.94900	.80000	39.000	.1580-01	.1892-01	.3816-03	.4567-03	494.4	3.426	.2924
71	.97300	-.13000	40.000	.3229	.3985	.7796-02	.9622-02	596.3	102.2	5.179
71	.97300	.00000	41.000	.1405	.1687	.3393-02	.4073-02	505.0	23.31	2.564
71	.97300	.18000	42.000	.3999-01	.4784-01	.9654-03	.1155-02	492.7	8.479	.7414
71	1.0000	.10000+00	43.000	.1993-01	.2383-01	.4812-03	.5754-03	490.1	6.067	.3709

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.4127-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
67	2.009	5.018	-.5534-02	7.980	436.0	1301.	94.69	.4539-01	2.023	3807.	.1294-02	.7620-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
67	.3508-01	.2865-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
67	.70000	.10000+00	1.0000	.7942-01	.9654-01	.2786-02	.3386-02	567.1	30.00	2.044
67	.70000	.30000	2.0000	.2897-01	.3499-01	.1016-02	.1227-02	544.8	8.147	.7682
67	.70000	.50000	3.0000	.2129-01	.2570-01	.7466-03	.9013-03	542.9	6.006	.5658
67	.70000	.70000	4.0000	.1258-01	.1517-01	.4412-03	.5321-03	539.7	3.570	.3357
67	.70000	.90000	5.0000	.6207-02	.7482-02	.2177-03	.2625-03	537.9	1.856	.1661
67	.75000	.00000	6.0000	.2045	.2511	.7172-02	.8807-02	600.1	60.47	5.024
67	.75000	.10000+00	7.0000	.1129	.1372	.3959-02	.4814-02	567.6	31.95	2.903
67	.75000	.20000	8.0000	.4646-01	.5616-01	.1629-02	.1970-02	548.0	12.99	1.227
67	.75000	.30000	9.0000	.2690-01	.3248-01	.9437-03	.1139-02	542.8	7.972	.7152
67	.75000	.40000	10.000	.2512-01	.3033-01	.8812-03	.1064-02	543.5	7.080	.6672
67	.75000	.50000	11.000	.2107-01	.2543-01	.7389-03	.8921-03	543.2	6.238	.5597
67	.75000	.70000	12.000	.1113-01	.1342-01	.3903-03	.4707-03	539.4	3.317	.2971
67	.75000	.90000	13.000	.6304-02	.7599-02	.2211-03	.2666-03	537.6	1.886	.1687
67	.80000	.00000	14.000	.1553	.1886	.5446-02	.6615-02	564.6	49.10	4.009
67	.80000	.20000	16.000	.6009-01	.7268-01	.2108-02	.2549-02	549.3	15.64	1.584
67	.80000	.30000	17.000	.3238-01	.3912-01	.1136-02	.1372-02	545.6	9.547	.8577
67	.80000	.40000	18.000	.2634-01	.3181-01	.9240-03	.1116-02	544.2	7.786	.6990
67	.80000	.50000	19.000	.2168-01	.2617-01	.7605-03	.9180-03	542.2	6.770	.5768
67	.80000	.70000	20.000	.1171-01	.1411-01	.4106-03	.4951-03	538.6	3.495	.3129
67	.80000	.90000	21.000	.7374-02	.8888-02	.2587-03	.3118-03	537.0	2.208	.1975
67	.85000	.00000	22.000	.2032	.2510	.7128-02	.8803-02	617.3	65.40	4.871
67	.85000	.10000+00	23.000	.1112	.1357	.3901-02	.4758-02	578.7	38.54	2.816

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV03)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
67	.85000	.20000	24.000	.5737-01	.6942-01	.2012-02	.2435-02	551.6	15.93	1.507
67	.85000	.30000	25.000	.3175-01	.3835-01	.1114-02	.1345-02	545.3	9.857	.8412
67	.85000	.50000	27.000	.2383-01	.2876-01	.8359-03	.1009-02	542.1	7.856	.6341
67	.85000	.70000	28.000	.2218-01	.2677-01	.7780-03	.9391-03	542.3	6.578	.5900
67	.90000	.00000	29.000	.1891	.2318	.6634-02	.8129-02	593.6	50.98	4.691
67	.90000	.30000	31.000	.7749-01	.9419-01	.2718-02	.3304-02	566.8	23.12	1.995
67	.90000	.50000	32.000	.7241-01	.8821-01	.2540-02	.3094-02	574.5	25.29	1.844
67	.90000	.70000	33.000	.4174-01	.5051-01	.1464-02	.1772-02	551.0	12.83	1.098
67	.90000	.90000	34.000	.2475-01	.2993-01	.8631-03	.1048-02	544.5	6.962	.6564
67	.92500	.60000	37.000	.4732-01	.5734-01	.1660-02	.2011-02	556.3	16.09	1.236
67	.93700	.10000+00	35.000	.9588-01	.1169	.3363-02	.4100-02	577.2	33.[illegible]2	2.433
67	.94100	.38000	36.000	.6642-01	.8035-01	.2330-02	.2818-02	550.4	16.88	1.748
67	.94900	.80000	39.000	.1370-01	.1652-01	.4804-03	.5793-03	538.9	4.192	.3660
67	.97300	-.13000	40.000	.3395	.4268	.1191-01	.1497-01	664.8	144.5	7.572
67	.97300	.00000	41.000	.1333	.1615	.4675-02	.5663-02	555.5	30.86	3.484
67	.97300	.18600	42.000	.3769-01	.4552-01	.1322-02	.1597-02	544.9	11.12	.9991
67	1.0000	.10000+00	43.000	.1739-01	.2098-01	.6101-03	.7358-03	539.7	7.403	.4642

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.3892-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
78	.5707	5.032	-.2747-02	7.900	113.1	1247.	92.47	.1257-01	.5491	3724.	.3669-03	.7441-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
78	.1814-01	.5356-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
78	.70000	.10000+00	1.0000	.8521-01	.1026	.1546-02	.1862-02	512.8	17.12	1.134
78	.70000	.30000	2.0000	.3236-01	.3885-01	.5871-03	.7047-03	499.8	4.758	.4385
78	.70000	.50000	3.0000	.2358-01	.2829-01	.4276-03	.5131-03	498.1	3.477	.3201
78	.70000	.70000	4.0000	.1555-01	.1864-01	.2820-03	.3392-03	495.8	2.303	.2118
78	.70000	.90000	5.0000	.8475-02	.1016-01	.1537-03	.1843-03	495.5	1.319	.1155
78	.75000	.00000	6.0000	.1993	.2411	.3616-02	.4373-02	527.1	32.48	2.602
78	.75000	.10000+00	7.0000	.1217	.1464	.2207-02	.2655-02	508.4	18.48	1.629
78	.75000	.20000	8.0000	.5108-01	.6126-01	.9265-03	.1111-02	496.5	7.556	.6951
78	.75000	.30000	9.0000	.3037-01	.3640-01	.5509-03	.6603-03	494.0	4.739	.4147
78	.75000	.40000	10.000	.2874-01	.3444-01	.5213-03	.6247-03	493.5	4.274	.3926
78	.75000	.50000	11.000	.2447-01	.2932-01	.4439-03	.5319-03	493.4	3.822	.3344
78	.75000	.70000	12.000	.1395-01	.1671-01	.2530-03	.3032-03	493.1	2.180	.1907
78	.75000	.90000	13.000	.9450-02	.1132-01	.1714-03	.2054-03	492.6	1.478	.1293
78	.80000	.00000	14.000	.2476	.2993	.4492-02	.5429-02	524.4	40.56	3.245
78	.80000	.20000	16.000	.6692-01	.8020-01	.1214-02	.1455-02	494.2	9.277	.9133
78	.80000	.30000	17.000	.3685-01	.4414-01	.6684-03	.8007-03	492.0	5.771	.5044
78	.80000	.40000	18.000	.3066-01	.3670-01	.5561-03	.6659-03	490.0	4.819	.4208
78	.80000	.50000	19.000	.2551-01	.3053-01	.4627-03	.5537-03	488.6	4.231	.3507
78	.80000	.70000	20.000	.1595-01	.1909-01	.2893-03	.3463-03	489.5	2.509	.2190
78	.80000	.90000	21.000	.9269-02	.1110-01	.1681-03	.2013-03	490.7	1.455	.1271
78	.85000	.00000	22.000	.2165	.2623	.3927-02	.4758-02	532.8	39.25	2.803
78	.85000	.10000+00	23.000	.1197	.1441	.2171-02	.2615-02	512.2	22.56	1.594

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV04)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
78	.85000	.20000	24.000	.6331-01	.7592-01	.1148-02	.1377-02	496.1	9.371	.8620
78	.85000	.30000	25.000	.3663-01	.4386-01	.6644-03	.7957-03	491.0	6.049	.5021
78	.85000	.50000	27.000	.2615-01	.3129-01	.4743-03	.5676-03	488.2	4.582	.3597
78	.85000	.70000	28.000	.2074-01	.2483-01	.3763-03	.4505-03	489.9	3.261	.2848
78	.90000	.00000	29.000	.1814	.2188	.3290-02	.3970-02	518.9	27.01	2.394
78	.90000	.30000	31.000	.6712-01	.8053-01	.1218-02	.1461-02	497.8	10.95	.9119
78	.90000	.50000	32.000	.6001-01	.7206-01	.1089-02	.1307-02	500.8	11.56	.8120
78	.90000	.70000	33.000	.3799-01	.4555-01	.6890-03	.8263-03	496.0	6.216	.5172
78	.90000	.90000	34.000	.2158-01	.2586-01	.3914-03	.4692-03	494.7	3.202	.2943
78	.92500	.60000	37.000	.4675-01	.5612-01	.8481-03	.1018-02	499.9	8.489	.6333
78	.93700	.10000+00	35.000	.9359-01	.1125	.1698-02	.2041-02	504.9	17.89	1.259
78	.94100	.38000	36.000	.7054-01	8451-01	.1280-02	.1533-02	492.4	9.599	.9652
78	.94900	.80000	39.000	.1779-01	.2132-01	.3228-03	.3868-03	493.5	2.850	.2431
78	.97300	-.13000	40.000	.3488	.4262	.6326-02	.7731-02	560.3	87.23	4.342
78	.97300	.00000	41.000	.1381	.1655	.2504-02	.3002-02	494.8	17.21	1.883
78	.97300	.18000	42.000	.4164-01	.4983-01	.7554-03	.9039-03	487.8	6.572	.5733
78	1.0000	.10000+00	43.000	2047-01	.2448-01	.3713-03	.4440-03	485.4	4.635	.2826

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV04)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.3892-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
74	1.014	5.042	-.3417-02	7.940	205.9	1256.	92.27	.2215-01	.9775	3739.	.6479-03	.7425-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
74	.2423-01	.4033-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
74	.70000	.10000+00	1.0000	.8272-01	.9961-01	.2004-02	.2414-02	515.1	22.37	1.484
74	.70000	.30000	2.0000	.3097-01	.3714-01	.7506-03	.8999-03	499.0	6.165	.5679
74	.70000	.50000	3.0000	.2302-01	.2758-01	.5578-03	.6684-03	496.9	4.600	.4233
74	.70000	.70000	4.0000	.1441-01	.1726-01	.3491-03	.4181-03	495.5	2.886	.2654
74	.70000	.90000	5.0000	.7420-02	.8889-02	.1798-03	.2154-03	495.6	1.561	.1367
74	.75000	.00000	6.0000	.2040	.2470	.4944-02	.5985-02	533.6	44.42	3.570
74	.75000	.10000+00	7.0000	.1181	.1420	.2861-02	.3442-02	511.8	24.10	2.128
74	.75000	.20000	8.0000	.4894-01	.5864-01	.1186-02	.1421-02	496.8	9.781	.9000
74	.75000	.30000	9.0000	.2891-01	.3461-01	.7005-03	.8387-03	493.6	6.102	.5338
74	.75000	.40000	10.000	.2740-01	.3280-01	.6640-03	.7949-03	493.2	5.513	.5063
74	.75000	.50000	11.000	.2337-01	.2798-01	.5664-03	.6780-03	492.8	4.941	.4321
74	.75000	.70000	12.000	.1292-01	.1547-01	.3132-03	.3749-03	492.9	2.732	.2389
74	.75000	.90000	13.000	.7929-02	.9491-02	.1921-03	.2300-03	492.6	1.677	.1466
74	.80000	.00000	14.000	.1107	.1331	.2682-02	.3224-02	509.9	25.19	2.000
74	.80000	.20000	16.000	.6360-01	.7618-01	.1541-02	.1846-02	495.7	11.89	1.171
74	.80000	.30000	17.000	.3504-01	.4194-01	.8490-03	.1016-02	492.8	7.406	.6477
74	.80000	.40000	18.000	.2857-01	.3418-01	.6924-03	.8284-03	490.3	6.068	.5300
74	.80000	.50000	19.000	.2433-01	.2909-01	.5896-03	.7050-03	488.7	5.454	.4522
74	.80000	.70000	20.000	.1401-01	.1675-01	.3394-03	.4059-03	489.3	2.980	.2601
74	.80000	.90000	21.000	.8039-02	.9618-02	.1948-03	.2331-03	490.6	1.706	.1491
74	.85000	.00000	22.000	.2126	.2583	.5152-02	.6259-02	546.0	50.85	3.656
74	.85000	.10000+00	23.000	.1160	.1398	.2811-02	.3389-02	519.0	29.20	2.071

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV04)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
74	.85000	.20000	24.000	.6077-01	.7284-01	.1473-02	.1765-02	497.8	12.12	1.116
74	.85000	.30000	25.000	.3468-01	.4150-01	.8404-03	.1006-02	491.9	7.729	.6418
74	.85000	.50000	27.000	.2501-01	.2991-01	.6061-03	.7248-03	488.5	5.922	.4650
74	.85000	.70000	28.000	.2097-01	.2509-01	.5083-03	.6080-03	490.0	4.457	.3892
74	.90000	.00000	29.000	.1836	.2218	.4449-02	.5375-02	526.8	36.44	3.243
74	.90000	.30000	31.000	.7262-01	.8718-01	.1760-02	.2113-02	504.1	15.83	1.323
74	.90000	.50000	32.000	.6636-01	.7978-01	.1608-02	.1933-02	508.9	17.02	1.201
74	.90000	.70000	33.000	.4142-01	.4964-01	.1004-02	.1203-02	497.4	9.141	.7612
74	.90000	.90000	34.000	.2381-01	.2852-01	.5770-03	.6911-03	495.3	4.772	.4387
74	.92500	.60000	37.000	.4944-01	.5932-01	.1198-02	.1438-02	501.8	12.10	.9033
74	.93700	.10000+00	35.000	.9585-01	.1154	.2323-02	.2795-02	513.0	24.40	1.725
74	.94100	.38000	36.000	.6978-01	.8356-01	.1691-02	.2025-02	494.4	12.79	1.287
74	.94900	.80000	39.000	.1605-01	.1921-01	.3889-03	.4656-03	492.8	3.480	.2967
74	.97300	-.13000	40.000	.3419	.4206	.8284-02	.1019-01	585.1	110.2	5.555
74	.97300	.00000	41.000	.1367	.1639	.3313-02	.3972-02	498.9	22.87	2.507
74	.97300	.18000	42.000	.3953-01	.4726-01	.9578-03	.1145-02	488.1	8.427	.7351
74	1.0000	.10000+00	43.000	.1969-01	.2352-01	.4771-03	.5700-03	485.7	6.023	.3674

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV04)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.3892-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
70	2.008	5.026	-.5511-02	7.980	436.4	1302.	94.76	.4543-01	2.025	3808.	.1294-02	.7626-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
70	.3510-01	.2865-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
70	.70000	.10000+00	1.0000	.8055-01	.9700-01	.2827-02	.3405-02	534.3	32.38	2.169
70	.70000	.30000	2.0000	.3025-01	.3619-01	.1062-02	.1270-02	507.7	9.112	.8431
70	.70000	.50000	3.0000	.2205-01	.2635-01	.7737-03	.9248-03	505.0	6.672	.6164
70	.70000	.70000	4.0000	.1327-01	.1584-01	.4656-03	.5560-03	501.3	4.041	.3727
70	.70000	.90000	5.0000	.6761-02	.8072-02	.2373-03	.2833-03	500.3	2.166	.1902
70	.75000	.00000	6.0000	.1989	.2418	.6982-02	.8486-02	567.3	62.73	5.128
70	.75000	.10000+00	7.0000	.1148	.1381	.4029-02	.4846-02	530.1	34.87	3.108
70	.75000	.20000	8.0000	.4803-01	.5747-01	.1686-02	.2017-02	509.1	14.43	1.336
70	.75000	.30000	9.0000	.2788-01	.3330-01	.9784-03	.1169-02	502.5	8.896	.7819
70	.75000	.40000	10.000	.2640-01	.3153-01	.9265-03	.1106-02	501.6	8.037	.7413
70	.75000	.50000	11.000	.2222-01	.2654-01	.7798-03	.9314-03	501.8	7.100	.6238
70	.75000	.70000	12.000	.1184-01	.1414-01	.4157-03	.4962-03	499.4	3.801	.3335
70	.75000	.90000	13.000	.7006-02	.8359-02	.2459-03	.2934-03	497.5	2.256	.1978
70	.80000	.00000	14.000	.2214	.2676	.7772-02	.9394-02	547.7	72.40	5.860
70	.80000	.20000	16.000	.6176-01	.7389-01	.2168-02	.2593-02	508.7	17.33	1.719
70	.80000	.30000	17.000	.3367-01	.4023-01	.1182-02	.1412-02	503.4	10.73	.9434
70	.80000	.40000	18.000	.2772-01	.3309-01	.9728-03	.1161-02	500.0	8.884	.7798
70	.80000	.50000	19.000	.2282-01	.2724-01	.8010-03	.9559-03	498.4	7.723	.6435
70	.80000	.70000	20.000	.1234-01	.1472-01	.4331-03	.5166-03	495.7	3.986	.3491
70	.80000	.90000	21.000	.7844-02	.9356-02	.2753-03	.3284-03	495.9	2.533	.2218
70	.85000	.00000	22.000	.1996	.2440	.7005-02	.8564-02	586.3	68.33	5.012
70	.85000	.10000+00	23.000	.1129	.1363	.3963-02	.4783-02	542.6	41.92	3.008

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV04)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
70	.85000	.20000	24.000	.5915-01	.7081-01	.2076-02	.2485-02	511.1	17.71	1.641
70	.85000	.30000	25.000	.3296-01	.3937-01	.1157-02	.1382-02	502.4	11.07	.9246
70	.85000	.50000	27.000	.2498-01	.2981-01	.8768-03	.1046-02	497.6	8.935	.7050
70	.85000	.70000	28.000	.2326-01	.2777-01	.8165-03	.9747-03	493.7	7.461	.6548
70	.90000	.00000	29.000	.1847	.2239	.6481-02	.7859-02	559.1	53.20	4.813
70	.90000	.30000	31.000	.7837-01	.9418-01	.2751-02	.3306-02	526.3	25.23	2.133
70	.90000	.50000	32.000	.7371-01	.8877-01	.2587-02	.3116-02	534.4	27.78	1.985
70	.90000	.70000	33.000	.4257-01	.5095-01	.1494-02	.1788-02	510.3	14.10	1.182
70	.90000	.90000	34.000	.2509-01	.2999-01	.8808-03	.1053-02	504.8	7.597	.7019
70	.92500	.60000	37.000	.4835-01	.5793-01	.1697-02	.2033-02	514.6	17.77	1.336
70	.93700	.10000+00	35.000	.9772-01	.1178	.3430-02	.4133-02	536.5	36.68	2.624
70	.94100	.38000	36.000	.6776-01	.8103-01	.2378-02	.2844-02	507.0	18.65	1.890
70	.94900	.80000	39.000	.1355-01	.1618-01	.4757-03	.5677-03	498.3	4.470	.3822
70	.97300	-.13000	40.000	.3166	.3954	.1111-01	.1388-01	649.2	139.4	7.249
70	.97300	.00000	41.000	.1364	.1635	.4787-02	.5738-02	515.8	34.01	3.762
70	.97300	.18000	42.000	.3955-01	.4723-01	.1388-02	.1658-02	500.8	12.66	1.112
70	1.0000	.10000+00	43.000	.1864-01	.2222-01	.6541-03	.7799-03	494.9	8.611	.5277

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV05)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 8.000 BETA = .7225-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
50	3.679	30.08	.7225-02	8.000	850.8	1351.	97.87	.8714-01	3.904	3880.	.2403-02	.7876-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
50	.4905-01	.2110-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
50	.70000	.10000+00	1.0000	.3368-01	.4050-01	.1652-02	.1986-02	547.7	19.66	1.327
50	.70000	.30000	2.0000	.2973-01	.3573-01	.1458-02	.1752-02	545.9	12.44	1.174
50	.70000	.50000	3.0000	.2668-01	.3204-01	.1308-02	.1572-02	544.3	11.19	1.055
50	.70000	.70000	4.0000	.1571-01	.1885-01	.7704-03	.9247-03	541.4	6.623	.6234
50	.70000	.90000	5.0000	.1072-01	.1286-01	.5256-03	.6306-03	539.5	4.760	.4264
50	.75000	.00000	6.0000	.5754-01	.6936-01	.2822-02	.3402-02	557.7	27.51	2.238
50	.75000	.10000+00	7.0000	.4016-01	.4827-01	.1970-02	.2367-02	546.4	17.63	1.584
50	.75000	.20000	8.0000	.2857-01	.3432-01	.1401-02	.1683-02	544.2	11.99	1.130
50	.75000	.30000	9.0000	.2469-01	.2965-01	.1211-02	.1454-02	543.6	10.89	.9772
50	.75000	.40000	10.000	.2751-01	.3305-01	.1349-02	.1621-02	544.7	11.53	1.087
50	.75000	.50000	11.000	.2543-01	.3055-01	.1247-02	.1498-02	545.3	11.18	1.004
50	.75000	.70000	12.000	.1428-01	.1715-01	.7006-03	.8410-03	541.7	6.320	.5667
50	.75000	.90000	13.000	.1117-01	.1340-01	.5477-03	.6571-03	539.7	4.959	.4442
50	.80000	.00000	14.000	.6371-01	.7676-01	.3125-02	.3765-02	556.0	30.55	2.483
50	.80000	.20000	16.000	.3165-01	.3802-01	.1552-02	.1865-02	544.1	12.40	1.252
50	.80000	.30000	17.000	.2584-01	.3104-01	.1267-02	.1522-02	545.3	11.36	1.021
50	.80000	.40000	18.000	.2454-01	.2948-01	.1204-02	.1446-02	544.7	10.80	.9701
50	.80000	.50000	19.000	.2318-01	.2784-01	.1137-02	.1365-02	543.6	10.75	.9175
50	.80000	.70000	20.000	.1492-01	.1791-01	.7319-03	.8786-03	541.6	6.604	.5922
50	.80000	.90000	21.000	.9889-02	.1186-01	.4850-03	.5818-03	539.1	4.396	.3936
50	.85000	.00000	22.000	.6208-01	.7499-01	.3045-02	.3678-02	565.7	32.92	2.390
50	.85000	.10000+00	23.000	.3954-01	.4758-01	.1939-02	.2333-02	551.6	21.49	1.549

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV05)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
50	.85000	.20000	24.000	.2683-01	.3224-01	.1316-02	.1581-02	545.5	11.23	1.059
50	.85000	.30000	25.000	.1969-01	.2365-01	.9659-03	.1160-02	543.7	9.140	.7794
50	.85000	.50000	27.000	.1780-01	.2138-01	.8731-03	.1048-02	543.1	8.731	.7051
50	.85000	.70000	28.000	.1467-01	.1761-01	.7196-03	.8638-03	541.8	6.491	.5821
50	.90000	.00000	29.000	.5595-01	.6731-01	.2744-02	.3301-02	550.3	24.39	2.196
50	.90000	.30000	31.000	.3480-01	.4184-01	.1707-02	.2052-02	548.3	16.02	1.369
50	.90000	.50000	32.000	.3062-01	.3684-01	.1502-02	.1807-02	551.2	16.65	1.200
50	.90000	.70000	33.000	.2176-01	.2613-01	.1067-02	.1282-02	544.0	10.09	.8608
50	.90000	.90000	34.000	.1479-01	.1776-01	.7254-03	.8709-03	541.7	6.233	.5869
50	.92500	.60000	37.000	.2674-01	.3215-01	.1312-02	.1577-02	547.1	13.79	1.054
50	.93700	.10000+00	35.000	.6147-01	.7416-01	.3015-02	.3637-02	561.4	32.85	2.380
50	.94100	.38000	36.000	.6120-01	.7364-01	.3002-02	.3612-02	550.9	23.17	2.401
50	.94900	.80000	39.000	.1609-01	.1931-01	.7891-03	.9473-03	542.0	7.298	.6381
50	.97300	-.13000	40.000	.1253	.1524	.6144-02	.7474-02	591.8	92.19	4.662
50	.97300	.00000	41.000	.4824-01	.5796-01	.2366-02	.2843-02	545.5	16.96	1.905
50	.97300	.18000	42.000	.3788-01	.4555-01	.1858-02	.2234-02	548.3	16.57	1.491
50	1.0000	.10000+00	43.000	.7560-02	.9074-02	.3708-03	.4451-03	541.2	4.783	.3002

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV06)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = .4932-05

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
79	.5857	30.08	-.1929-01	7.900	116.9	1253.	92.91	.1299-01	.5676	3733.	.3774-03	.7477-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
79	.1846-01	.5283-01

TEST DATA

RUN NUMBER	Y/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
79	.70000	.10000+00	1.0000	.1927-01	.2335-01	.3556-03	.4310-03	536.0	3.801	.2549
79	.70000	.30000	2.0000	.1136-01	.1376-01	.2098-03	.2540-03	533.6	1.609	.1508
79	.70000	.50000	3.0000	.9315-02	.1128-01	.1719-03	.2082-03	533.2	1.319	.1237
79	.70000	.70000	4.0000	.7189-02	.8703-02	.1327-03	.1606-03	532.6	1.020	.9555-01
79	.70000	.90000	5.0000	.4153-02	.5028-02	.7666-04	.9280-04	532.2	.6189	.5523-01
79	.75000	.00000	6.0000	.3962-01	.4807-01	.7314-03	.8872-03	539.6	6.469	.5215
79	.75000	.10000+00	7.0000	.2827-01	.3425-01	.5218-03	.6322-03	535.4	4.188	.3743
79	.75000	.20000	8.0000	.1649-01	.1997-01	.3044-03	.3686-03	533.5	2.335	.2189
79	.75000	.30000	9.0000	.1136-01	.1375-01	.2096-03	.2538-03	533.2	1.689	.1508
79	.75000	.40000	10.000	.1127-01	.1365-01	.2081-03	.2519-03	533.4	1.596	.1497
79	.75000	.50000	11.000	.1036-01	.1255-01	.1913-03	.2317-03	533.6	1.541	.1376
79	.75000	.70000	12.000	.6488-02	.7856-02	.1198-03	.1450-03	533.1	.9652	.8618-01
79	.75000	.90000	13.000	.5449-02	.6597-02	.1006-03	.1218-03	532.5	.8116	.7244-01
79	.80000	.00000	14.000	.3408-01	.4133-01	.6291-03	.7628-03	538.2	5.579	.4494
79	.80000	.20000	16.000	.2147-01	.2600-01	.3963-03	.4799-03	533.4	2.838	.2851
79	.80000	.30000	17.000	.1345-01	.1628-01	.2483-03	.3006-03	532.8	2.002	.1787
79	.80000	.40000	18.000	.1263-01	.1529-01	.2332-03	.2823-03	533.1	1.879	.1678
79	.80000	.50000	19.000	.1131-01	.1369-01	.2087-03	.2527-03	532.8	1.772	.1503
79	.80000	.70000	20.000	.8114-02	.9822-02	.1498-03	.1813-03	532.3	1.209	.1079
79	.80000	.90000	21.000	.5762-02	.6975-02	.1064-03	.1287-03	532.3	.8586	.7662-01
79	.85000	.00000	22.000	.3658-01	.4440-01	.6753-03	.8195-03	540.9	6.703	.4807
79	.85000	.10000+00	23.000	.2660-01	.3225-01	.4910-03	.5952-03	537.0	4.911	.3514

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV06)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
79	.85000	.20000	24.000	.1973-01	.2389-01	.3641-03	.4410-03	534.3	2.789	.2616
79	.85000	.30000	25.000	.1424-01	.1724-01	.2629-03	.3183-03	533.4	2.229	.1891
79	.85000	.50000	27.000	.1184-01	.1434-01	.2186-03	.2647-03	533.5	1.956	.1572
79	.85000	.70000	28.000	.9410-02	.1139-01	.1737-03	.2103-03	532.7	1.401	.1251
79	.90000	.00000	29.000	.3506-01	.4248-01	.6471-03	.7840-03	535.5	5.192	.4641
79	.90000	.30000	31.000	.1729-01	.2093-01	.3191-03	.3864-03	533.6	2.705	.2294
79	.90000	.50000	32.000	.1259-01	.1525-01	.2324-03	.2815-03	533.7	2.339	.1671
79	.90000	.70000	33.000	.9419-02	.1140-01	.1739-03	.2105-03	533.0	1.475	.1251
79	.90000	.90000	34.000	.6794-02	.8225-02	.1254-03	.1518-03	532.4	.9639	.9033-01
79	.92500	.60000	37.000	.1011-01	.1225-01	.1867-03	.2261-03	533.5	1.769	.1343
79	.93700	.10000+00	35.000	.2647-01	.3209-01	.4886-03	.5923-03	537.0	4.886	.3496
79	.94100	.38000	36.000	.2254-01	.2729-01	.4160-03	.5038-03	533.8	2.912	.2990
79	.94900	.80000	39.000	.7380-02	.8932-02	.1362-03	.1649-03	531.9	1.129	.9818-01
79	.97300	-.13000	40.000	.4186-01	.5095-01	.7727-03	.9405-03	550.7	10.95	.5424
79	.97300	.00000	41.000	.4906-01	.5944-01	.9056-03	.1097-02	535.2	5.816	.6497
79	.97300	.18000	42.000	.2146-01	.2600-01	.3961-03	.4799-03	534.8	3.182	.2844
79	1.0000	.10000+00	43.000	.9327-02	.1129-01	.1722-03	.2083-03	531.2	1.989	.1242

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV06)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = .4932-05

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
64	1.020	30.09	.1684-01	7.910	203.8	1243.	91.31	.2192-01	.9675	3719.	.6480-03	.7348-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
64	.2407-01	.4029-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
64	.70000	.10000+00	1.0000	.2173-01	.2646-01	.5230-03	.6368-03	547.7	5.388	.3634
64	.70000	.30000	2.0000	.1763-01	.2146-01	.4244-03	.5163-03	544.9	3.140	.2961
64	.70000	.50000	3.0000	.1696-01	.2063-01	.4081-03	.4965-03	544.6	3.021	.2849
64	.70000	.70000	4.0000	.1179-01	.1433-01	.2836-03	.3449-03	543.2	2.106	.1984
64	.70000	.90000	5.0000	.6968-02	.8472-02	.1677-03	.2039-03	542.5	1.309	.1174
64	.75000	.00000	6.0000	.3944-01	.4806-01	.9491-03	.1157-02	550.2	8.109	.6572
64	.75000	.10000+00	7.0000	.3166-01	.3856-01	.7620-03	.9279-03	547.7	5.887	.5295
64	.75000	.20000	8.0000	.2097-01	.2551-01	.5046-03	.6140-03	545.2	3.731	.3519
64	.75000	.30000	9.0000	.1682-01	.2046-01	.4048-03	.4924-03	544.3	3.148	.2827
64	.75000	.40000	10.000	.1945-01	.2366-01	.4680-03	.5694-03	545.1	3.462	.3265
64	.75000	.50000	11.000	.1945-01	.2367-01	.4681-03	.5697-03	545.7	3.631	.3262
64	.75000	.70000	12.000	.1193-01	.1451-01	.2871-03	.3491-03	543.7	2.235	.2007
64	.75000	.90000	13.000	.9268-02	.1127-01	.2230-03	.2712-03	543.2	1.738	.1560
64	.80000	.00000	14.000	.3692-01	.4497-01	.8886-03	.1082-02	548.3	7.620	.6170
64	.80000	.20000	16.000	.2505-01	.3047-01	.6028-03	.7334-03	544.8	4.164	.4207
64	.80000	.30000	17.000	.1847-01	.2247-01	.4445-03	.5408-03	544.9	3.453	.3101
64	.80000	.40000	18.000	.1895-01	.2306-01	.4561-03	.5550-03	544.9	3.544	.3183
64	.80000	.50000	19.000	.1947-01	.2369-01	.4686-03	.5702-03	544.9	3.833	.3270
64	.80000	.70000	20.000	.1520-01	.1848-01	.3657-03	.4448-03	543.8	2.848	.2556
64	.80000	.90000	21.000	.1026-01	.1247-01	.2468-03	.3002-03	543.1	1.924	.1727
64	.85000	.00000	22.000	.3510-01	.4279-01	.8446-03	.1030-02	551.2	8.103	.5840
64	.85000	.10000+00	23.000	.2721-01	.3315-01	.6548-03	.7978-03	549.7	6.300	.4538

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV06)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
64	.85000	.20000	24.000	.2189-01	.2664-01	.5268-03	.6412-03	546.0	3.890	.3670
64	.85000	.30000	25.000	.1622-01	.1974-01	.3904-03	.4750-03	545.0	3.192	.2724
64	.85000	.50000	27.000	.1677-01	.2041-01	.4037-03	.4912-03	545.3	3.482	.2815
64	.85000	.70000	28.000	.1555-01	.1892-01	.3743-03	.4553-03	544.3	2.912	.2614
64	.90000	.00000	29.000	.3612-01	.4399-01	.8692-03	.1059-02	548.0	6.712	.6038
64	.90000	.30000	31.000	.1893-01	.2304-01	.4556-03	.5544-03	545.5	3.721	.3176
64	.90000	.50000	32.000	.1346-01	.1637-01	.3238-03	.3941-03	545.6	3.141	.2257
64	.90000	.70000	33.000	.1226-01	.1491-01	.2950-03	.3588-03	544.0	2.416	.2061
64	.90000	.90000	34.000	.9723-02	.1182-01	.2340-03	.2845-03	543.2	1.737	.1637
64	.92500	.60000	37.000	.1081-01	.1315-01	.2602-03	.3165-03	544.5	2.380	.1817
64	.93700	.10000+00	35.000	.3465-01	.4225-01	.8338-03	.1017-02	552.1	7.986	.5759
64	.94100	.38000	36.000	.2690-01	.3274-01	.6475-03	.7880-03	546.0	4.365	.4511
64	.94900	.80000	39.000	.8492-02	.1033-01	.2044-03	.2485-03	542.8	1.635	.1430
64	.97300	-.13000	40.000	.5266-01	.6447-01	.1267-02	.1551-02	563.9	17.25	.8602
64	.97300	.00000	41.000	.5583-01	.6799-01	.1344-02	.1636-02	547.6	8.307	.9339
64	.97300	.18000	42.000	.2695-01	.3281-01	.6485-03	.7896-03	547.5	5.013	.4508
64	1.0000	.10000+00	43.000	.9601-02	.1167-01	.2311-03	.2809-03	542.3	2.577	.1618

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV06)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = .4932-05

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
60	1.995	30.12	-.7187-02	7.980	434.4	1304.	94.91	.4522-01	2.016	3811.	.1286-02	.7637-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
60	.3503-01	.2874-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
60	.70000	.10000+00	1.0000	.2552-01	.3088-01	.8937-03	.1082-02	553.6	9.908	.6704
60	.70000	.30000	2.0000	.2466-01	.2982-01	.8639-03	.1045-02	550.1	6.885	.6510
60	.70000	.50000	3.0000	.2776-01	.3357-01	.9723-03	.1176-02	550.4	7.745	.7324
60	.70000	.70000	4.0000	.1923-01	.2324-01	.6737-03	.8140-03	547.3	5.397	.5096
60	.70000	.90000	5.0000	.1253-01	.1513-01	.4388-03	.5300-03	546.0	3.700	.3325
60	.75000	.00000	6.0000	.4081-01	.4944-01	.1429-02	.1732-02	556.7	13.13	1.068
60	.75000	.10000+00	7.0000	.3479-01	.4211-01	.1219-02	.1475-02	553.0	10.15	.9149
60	.75000	.20000	8.0000	.2441-01	.2951-01	.8551-03	.1034-02	549.2	6.826	.6451
60	.75000	.30000	9.0000	.2061-01	.2490-01	.7218-03	.8723-03	547.9	6.064	.5455
60	.75000	.40000	10.000	.2462-01	.2977-01	.8624-03	.1043-02	549.4	6.882	.6505
60	.75000	.50000	11.000	.2544-01	.3075-01	.8910-03	.1078-02	550.8	7.446	.6708
60	.75000	.70000	12.000	.1644-01	.1986-01	.5757-03	.6956-03	547.2	4.843	.4355
60	.75000	.90000	13.000	.1253-01	.1514-01	.4390-03	.5303-03	546.2	3.700	.3326
60	.80000	.00000	14.000	.3945-01	.4775-01	.1382-02	.1672-02	553.4	12.77	1.037
60	.80000	.20000	16.000	.2823-01	.3419-01	.9906-03	.1198-02	549.7	7.374	.7469
60	.80000	.30000	17.000	.2087-01	.2523-01	.7312-03	.8839-03	549.1	6.130	.5517
60	.80000	.40000	18.000	.2096-01	.2534-01	.7342-03	.8875-03	548.8	6.159	.5542
60	.80000	.50000	19.000	.2133-01	.2579-01	.7473-03	.9033-03	548.8	6.599	.5641
60	.80000	.70000	20.000	.1740-01	.2102-01	.6095-03	.7364-03	547.2	5.128	.4611
60	.80000	.90000	21.000	.1175-01	.1419-01	.4116-03	.4971-03	545.5	3.473	.3121
60	.85000	.00000	22.000	.3671-01	.4451-01	.1286-02	.1559-02	559.6	13.22	.9567
60	.85000	.10000+00	23.000	.2893-01	.3504-01	.1013-02	.1227-02	556.6	10.47	.7569

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV06)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
60	.85000	.20000	24.000	.2355-01	.2848-01	.8249-03	.9975-03	550.1	6.574	.6216
60	.85000	.30000	25.000	.1785-01	.2158-01	.6254-03	.7559-03	548.5	5.525	.4723
60	.85000	.50000	27.000	.1693-01	.2047-01	.5932-03	.7170-03	548.8	5.529	.4478
60	.85000	.70000	28.000	.1482-01	.1791-01	.5191-03	6272-03	547.1	4.368	.3928
60	.90000	.00000	29.000	.4364-01	.5285-01	.1529-02	.1851-02	555.5	12.67	1.144
60	.90000	.30000	31.000	.2771-01	.3352-01	.9707-03	.1174-02	551.7	8.526	.7299
60	.90000	.50000	32.000	.1992-01	.2411-01	.6978-03	.8444-03	552.7	7.265	.5240
60	.90000	.70000	33.000	.1413-01	.1707-01	.4948-03	.5979-03	547.6	4.379	.3741
60	.90000	.90000	34.000	.9353-02	.1129-01	.3276-03	.3956-03	545.3	2.634	.2484
60	.92500	.60000	37.000	.1604-01	.1939-01	.5617-03	.6792-03	550.1	5.530	.4233
60	.33700	.10000+00	35.000	.4978-01	.6044-01	.1744-02	.2117-02	564.5	17.76	1.209
60	.94100	.38000	36.000	.3972-01	.4808-01	.1391-02	.1684-02	553.8	10.06	1.043
60	.94900	.80000	39.000	.9779-02	.1181-01	.3425-03	.4137-03	545.8	2.963	.2596
60	.97300	-.13000	40.000	.8166-01	.9976-01	.2800-02	.3494-02	584.9	40.80	2.056
60	.97300	.00000	41.000	.6797-01	.8228-01	.2381-02	.2882-02	554.3	15.81	1.784
60	.97300	.18000	42.000	.3554-01	.4302-01	.1245-02	.1507-02	554.4	10.33	.9326
60	1.0000	.10000+00	43.000	.1014-01	.1224-01	.3551-03	.4287-03	544.4	4.289	.2696

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV06)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = .4932-05

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
57	3.011	30.14	-.4781-02	7.990	670.1	1320.	95.85	.6920-01	3.092	3835.	.1949-02	.7713-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
57	.4347-01	.2338-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
57	.70000	.10000+00	1.0000	.3308-01	.4006-01	.1438-02	.1742-02	562.6	16.02	1.089
57	.70000	.30000	2.0000	.2680-01	.3240-01	.1165-02	.1409-02	555.7	9.388	.8902
57	.70000	.50000	3.0000	.2490-01	.3009-01	.1082-02	.1308-02	555.4	8.726	.8272
57	.70000	.70000	4.0000	.1805-01	.2180-01	.7846-03	.9478-03	553.2	6.350	.6014
57	.70000	.90000	5.0000	.1114-01	.1345-01	.4842-03	.5846-03	551.2	4.129	.3721
57	.75000	.00000	6.0000	.4757-01	.5765-01	.2068-02	.2507-02	565.2	19.11	1.560
57	.75000	.10000+00	7.0000	.4251-01	.5147-01	.1848-02	.2238-02	561.7	15.47	1.401
57	.75000	.20000	8.0000	.3088-01	.3733-01	.1343-02	.1623-02	555.3	10.83	1.026
57	.75000	.30000	9.0000	.2493-01	.3011-01	.1084-02	.1309-02	553.6	9.203	.8302
57	.75000	.40000	10.000	.2586-01	.3126-01	.1124-02	.1359-02	554.9	9.074	.8600
57	.75000	.50000	11.000	.2381-01	.2878-01	.1035-02	.1251-02	555.9	8.752	.7904
57	.75000	.70000	12.000	.1487-01	.1796-01	.6463-03	.7807-03	552.8	5.497	.4957
57	.75000	.90000	13.000	.1182-01	.1428-01	.5141-03	.6207-03	551.4	4.383	.3949
57	.80000	.00000	14.000	.4832-01	.5853-01	.2101-02	.2545-02	562.8	19.49	1.590
57	.80000	.20000	16.000	.3411-01	.4124-01	.1483-02	.1793-02	555.8	11.15	1.133
57	.80000	.30000	17.000	.2591-01	.3132-01	.1126-02	.1362-02	555.6	9.531	.8607
57	.80000	.40000	18.000	.2500-01	.3021-01	.1087-02	.1314-02	554.9	9.208	.8312
57	.80000	.50000	19.000	.2272-01	.2745-01	.9875-03	.1193-02	554.4	8.816	.7558
57	.80000	.70000	20.000	.1559-01	.1883-01	.6778-03	.8187-03	552.6	5.767	.5199
57	.80000	.90000	21.000	.1051-01	.1269-01	.4569-03	.5516-03	551.0	3.898	.3512
57	.85000	.00000	22.000	.4951-01	.6010-01	.2152-02	.2613-02	570.8	22.14	1.612
57	.85000	.10000+00	23.000	.3630-01	.4401-01	.1578-02	.1913-02	567.0	16.35	1.188

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV06)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
57	.85000	.20000	24.000	.2737-01	.3309-01	.1190-02	.1438-02	556.1	9.579	.9085
57	.85000	.30000	25.000	.2080-01	.2513-01	.9042-03	.1092-02	553.8	8.079	.6925
57	.85000	.50000	27.000	.1954-01	.2361-01	.8493-03	.1026-02	554.6	7.999	.6498
57	.85000	.70000	28.000	.1537-01	.1857-01	.6684-03	.8074-03	553.2	5.680	.5123
57	.90000	.00000	29.000	.5927-01	.7186-01	.2577-02	.3124-02	566.1	21.39	1.942
57	.90000	.30000	31.000	.3541-01	.4287-01	.1539-02	.1864-02	560.9	13.58	1.168
57	.90000	.50000	32.000	.2790-01	.3379-01	.1213-02	.1469-02	562.4	12.67	.9186
57	.90000	.70000	33.000	.1903-01	.2301-01	.8274-03	.1000-02	555.8	7.367	.6320
57	.90000	.90000	34.000	.1224-01	.1478-01	.5321-03	.6425-03	551.8	4.318	.4086
57	.92500	.60000	37.000	.2205-01	.2667-01	.9584-03	.1159-02	558.2	9.495	.7298
57	.93700	.10000+00	35.000	.6114-01	.7440-01	.2658-02	.3235-02	579.0	26.94	1.969
57	.94100	.38000	36.000	.5726-01	.6939-01	.2489-02	.3017-02	564.9	18.01	1.879
57	.94900	.80000	39.000	.1277-01	.1542-01	.5552-03	.6705-03	552.1	4.849	.4262
57	.97300	-.13000	40.000	.9835-01	.1206	.4276-02	.5243-02	604.4	60.11	3.059
57	.97300	.00000	41.000	.7217-01	.8736-01	.3137-02	.3798-02	560.8	21.04	2.381
57	.97300	.18000	42.000	.4015-01	.4861-01	.1746-02	.2113-02	561.5	14.61	1.324
57	1.0000	.10000+00	43.000	.1022-01	.1232-01	.4442-03	.5358-03	548.1	5.442	.3427

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = .4932-05

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
52	3.639	30.09	.1444-01	8.000	851.7	1362.	98.67	.8724-01	3.908	3896.	.2386-02	.7940-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
52	.4914-01	.2119-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
52	.70000	.10000+00	1.0000	.3594-01	.4326-01	.1766-02	.2126-02	557.3	20.96	1.421
52	.70000	.30000	2.0000	.2974-01	.3576-01	.1462-02	.1757-02	552.3	12.50	1.183
52	.70000	.50000	3.0000	.2639-01	.3171-01	.1297-02	.1558-02	550.5	11.12	1.052
52	.70000	.70000	4.0000	.1609-01	.1933-01	.7909-03	.9499-03	548.1	6.812	.6434
52	.70000	.90000	5.0000	.1058-01	.1270-01	.5199-03	.6241-03	546.7	4.713	.4237
52	.75000	.00000	6.0000	.6256-01	.7540-01	.3074-02	.3705-02	561.9	30.16	2.459
52	.75000	.10000+00	7.0000	.4426-01	.5326-01	.2175-02	.2617-02	556.0	19.40	1.752
52	.75000	.20000	8.0000	.2983-01	.3585-01	.1466-02	.1762-02	551.0	12.56	1.188
52	.75000	.30000	9.0000	.2526-01	.3035-01	.1241-02	.1492-02	549.6	11.20	1.008
52	.75000	.40000	10.000	.2756-01	.3312-01	.1354-02	.1628-02	550.6	11.62	1.099
52	.75000	.50000	11.000	.2530-01	.3041-01	.1243-02	.1494-02	551.3	11.18	1.008
52	.75000	.70000	12.000	.1438-01	.1727-01	.7065-03	.8485-03	548.2	6.389	.5747
52	.75000	.90000	13.000	.1100-01	.1321-01	.5405-03	.6489-03	546.5	4.902	.4406
52	.80000	.00000	14.000	.7057-01	.8504-01	.3468-02	.4179-02	561.3	34.05	2.776
52	.80000	.20000	16.000	.3330-01	.4003-01	.1636-02	.1967-02	551.2	13.08	1.326
52	.80000	.30000	17.000	.2605-01	.3131-01	.1280-02	.1539-02	551.4	11.51	1.037
52	.80000	.40000	18.000	.2478-01	.2977-01	.1218-02	.1463-02	550.5	10.97	.9877
52	.80000	.50000	19.000	.2329-01	.2798-01	.1144-02	.1375-02	549.4	10.87	.9296
52	.80000	.70000	20.000	.1511-01	.1814-01	.7423-03	.8915-03	547.8	6.717	.6042
52	.80000	.90000	21.000	.9858-02	.1183-01	.4844-03	.5814-03	545.6	4.400	.3953
52	.85000	.00000	22.000	.6945-01	.8389-01	.3413-02	.4122-02	570.2	37.12	2.701
52	.85000	.10000+00	23.000	.4144-01	.4995-01	.2036-02	.2455-02	562.9	22.43	1.627

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
52	.85000	.20000	24.000	.2802-01	.3369-01	.1377-02	.1656-02	552.5	11.77	1.114
52	.85000	.30000	25.000	.2045-01	.2457-01	.1005-02	.1207-02	549.4	9.544	.8162
52	.85000	.50000	27.000	.1949-01	.2341-01	.9577-03	.1151-02	549.1	9.607	.7782
52	.85000	.70000	28.000	.1525-01	.1832-01	.7494-03	.9000-03	548.1	6.777	.6097
52	.90000	.00000	29.000	.6154-01	.7419-01	.3024-02	.3646-02	563.3	26.63	2.414
52	.90000	.30000	31.000	.3553-01	.4275-01	.1746-02	.2101-02	555.8	16.40	1.407
52	.90000	.50000	32.000	.3004-01	.3618-01	.1476-02	.1778-02	559.1	16.37	1.185
52	.90000	.70000	33.000	.2199-01	.2643-01	.1081-02	.1299-02	550.9	10.24	.8760
52	.90000	.90000	34.000	.1417-01	.1702-01	.6964-03	.8364-03	548.1	5.998	.5666
52	.92500	.60000	37.000	.2549-01	.3066-01	.1253-02	.1507-02	554.9	13.17	1.011
52	.93700	.10000+00	35.000	.6046-01	.7305-01	.2971-02	.3590-02	571.5	32.24	2.348
52	.94100	.38000	36.000	.6252-01	.7529-01	.3072-02	.3700-02	558.6	23.72	2.467
52	.94900	.80000	39.000	.1558-01	.1871-01	.7656-03	.9196-03	548.5	7.096	.6225
52	.97300	-.13000	40.000	.1204	.1459	.5915-02	.7168-02	582.5	91.56	4.609
52	.97300	.00000	41.000	.5784-01	.6953-01	.2842-02	.3417-02	551.9	20.43	2.302
52	.97300	.18000	42.000	.3975-01	.4780-01	.1953-02	.2349-02	553.3	17.51	1.579
52	1.0000	.10000+00	43.000	.7872-02	.9447-02	.3868-03	.4642-03	545.0	5.025	.3159

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV07)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.990 BETA = -.7158-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
63	1.982	30.12	-.4790-02	7.980	435.2	1311.	95.42	.4531-01	2.020	3821.	.1282-02	.7678-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
63	.3509-01	.2881-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
63	.70000	.10000+00	1.0000	.2554-01	.3089-01	.8961-03	.1084-02	554.0	10.02	.6780
63	.70000	.30000	2.0000	.2465-01	.2979-01	.8649-03	.1045-02	551.5	6.939	.6566
63	.70000	.50000	3.0000	.2772-01	.3351-01	.9728-03	.1176-02	552.5	7.791	.7375
63	.70000	.70000	4.0000	.1944-01	.2348-01	.6822-03	.8241-03	549.5	5.494	.5193
63	.70000	.90000	5.0000	.1251-01	.1511-01	.4390-03	.5302-03	548.3	3.720	.3347
63	.75000	.00000	6.0000	.4135-01	.5006-01	.1451-02	.1757-02	557.4	13.43	1.093
63	.75000	.10000+00	7.0000	.3493-01	.4224-01	.1226-02	.1482-02	553.8	10.28	.9276
63	.75000	.20000	8.0000	.2458-01	.2970-01	.8626-03	.1042-02	550.3	6.936	.6559
63	.75000	.30000	9.0000	.2062-01	.2491-01	.7236-03	.8740-03	549.4	6.119	.5508
63	.75000	.40000	10.000	.2460-01	.2973-01	.8631-03	.1043-02	551.2	6.929	.6555
63	.75000	.50000	11.000	.2540-01	.3071-01	.8913-03	.1078-02	552.9	7.491	.6755
63	.75000	.70000	12.000	.1647-01	.1990-01	.5779-03	.6982-03	549.7	4.885	.4398
63	.75000	.90000	13.000	.1254-01	.1515-01	.4401-03	.5315-03	548.7	3.726	.3353
63	.80000	.00000	14.000	.4169-01	.5045-01	.1463-02	.1770-02	556.3	13.57	1.104
63	.80000	.20000	16.000	.2828-01	.3418-01	.9924-03	.1199-02	551.1	7.438	.7538
63	.80000	.30000	17.000	.2083-01	.2517-01	.7309-03	.8831-03	550.6	6.167	.5555
63	.80000	.40000	18.000	.2064-01	.2494-01	.7244-03	.8753-03	550.5	6.113	.5506
63	.80000	.50000	19.000	.2137-01	.2583-01	.7499-03	.9062-03	550.7	6.660	.5699
63	.80000	.70000	20.000	.1753-01	.2117-01	.6150-03	.7430-03	549.6	5.199	.4681
63	.80000	.90000	21.000	.1178-01	.1423-01	.4135-03	.4994-03	548.4	3.504	.3152
63	.85000	.00000	22.000	.3671-01	.4450-01	.1288-02	.1562-02	561.4	13.32	.9653
63	.85000	.10000+00	23.000	.2905-01	.3518-01	.1019-02	.1234-02	558.4	10.60	.7668

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV07)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
63	.85000	.20000	24.000	.2376-01	.2872-01	.8338-03	.1008-02	551.8	6.686	.6327
63	.85000	.30000	25.000	.1790-01	.2162-01	.6281-03	.7588-03	550.0	5.585	.4778
63	.85000	.50000	27.000	.1700-01	.2054-01	.5964-03	.7207-03	550.6	5.592	.4533
63	.85000	.70000	28.000	.1491-01	.1801-01	.5233-03	.6321-03	549.6	4.424	.3982
63	.90000	.00000	29.000	.4402-01	.5329-01	.1545-02	.1870-02	557.1	12.88	1.164
63	.90000	.30000	31.000	.2786-01	.3369-01	.9776-03	.1182-02	553.0	8.645	.7407
63	.90000	.50000	32.000	.1989-01	.2406-01	.6980-03	.8444-03	554.8	7.306	.5276
63	.90000	.70000	33.000	.1420-01	.1716-01	.4984-03	.6022-03	550.5	4.428	.3788
63	.90000	.90000	34.000	.9376-02	.1132-01	.3290-03	.3973-03	548.5	2.654	.2508
63	.92500	.60000	37.000	.1586-01	.1917-01	.5564-03	.6729-03	553.1	5.499	.4216
63	.93700	.10000+00	35.000	.5012-01	.6083-01	.1759-02	.2134-02	565.9	18.04	1.310
63	.94100	.38000	36.000	.4016-01	.4860-01	.1409-02	.1705-02	555.9	10.24	1.064
63	.94900	.80000	39.000	.9850-02	.1190-01	.3457-03	.4175-03	549.1	3.000	.2633
63	.97300	-.13000	40.000	.8230-01	.1005	.2888-02	.3526-02	586.1	41.50	2.093
63	.97300	.00000	41.000	.6914-01	.8365-01	.2426-02	.2935-02	554.7	16.26	1.834
63	.97300	.18000	42.000	.3582-01	.4334-01	.1257-02	.1521-02	555.4	10.51	.9493
63	1.0000	.10000+00	43.000	.1058-01	.1276-01	.3712-03	.4478-03	545.0	4.520	.2842

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.900 BETA = -.7158-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
54	3.689	30.16	-.9525-02	8.000	850.1	1348.	97.66	.8707-01	3.901	3876.	.2406-02	.7858-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
54	.4901-01	.2108-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
54	.70000	.10000+00	1.0000	.3394-01	.4100-01	.1663-02	.2009-02	565.7	19.11	1.300
54	.70000	.30000	2.0000	.2933-01	.3539-01	.1438-02	.1734-02	560.2	11.91	1.132
54	.70000	.50000	3.0000	.2552-01	.3078-01	.1251-02	.1508-02	559.0	10.38	.9863
54	.70000	.70000	4.0000	.1586-01	.1911-01	.7773-03	.9366-03	555.3	6.497	.6159
54	.70000	.90000	5.0000	.9547-02	.1150-01	.4679-03	.5634-03	553.0	4.123	.3718
54	.75000	.00000	6.0000	.5091-01	.6159-01	.2495-02	.3018-02	570.4	23.69	1.939
54	.75000	.10000+00	7.0000	.4261-01	.5147-01	.2088-02	.2522-02	564.5	18.03	1.635
54	.75000	.20000	8.0000	.3014-01	.3634-01	.1477-02	.1781-02	558.8	12.27	1.165
54	.75000	.30000	9.0000	.2553-01	.3078-01	.1251-02	.1509-02	557.4	10.94	.9889
54	.75000	.40000	10.000	.2738-01	.3302-01	.1342-02	.1618-02	559.0	11.14	1.058
54	.75000	.50000	11.000	.2513-01	.3031-01	.1231-02	.1486-02	560.0	10.72	.9699
54	.75000	.70000	12.000	.1387-01	.1672-01	.6798-03	.8191-03	555.4	5.965	.5386
54	.75000	.90000	13.000	.1045-01	.1258-01	.5120-03	.6167-03	553.7	4.507	.4066
54	.80000	.00000	14.000	.5334-01	.6451-01	.2614-02	.3161-02	569.4	24.86	2.034
54	.80000	.20000	16.000	.3331-01	.4018-01	.1632-02	.1969-02	559.6	12.64	1.286
54	.80000	.30000	17.000	.2527-01	.3049-01	.1239-02	.1494-02	559.5	10.79	.9761
54	.80000	.40000	18.000	.2449-01	.2954-01	.1200-02	.1448-02	558.9	10.47	.9467
54	.80000	.50000	19.000	.2297-01	.2770-01	.1126-02	.1357-02	558.2	10.35	.8888
54	.80000	.70000	20.000	.1512-01	.1822-01	.7410-03	.8929-03	555.5	6.501	.5870
54	.80000	.90000	21.000	.9396-02	.1132-01	.4605-03	.5545-03	553.4	4.055	.3657
54	.85000	.00000	22.000	.5610-01	.6801-01	.2750-02	.3333-02	577.9	28.97	2.116
54	.85000	.10000+00	23.000	.3850-01	.4659-01	.1887-02	.2283-02	571.8	20.10	1.464

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV07)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
54	.85000	.20000	24.000	.2785-01	.3360-01	.1365-02	.1647-02	560.2	11.31	1.075
54	.85000	.30000	25.000	.2053-01	.2475-01	.1006-02	.1213-02	557.3	9.260	.7951
54	.85000	.50000	27.000	.1926-01	.2322-01	.9439-03	.1138-02	558.2	9.156	.7451
54	.85000	.70000	28.000	.1505-01	.1814-01	.7374-03	.8888-03	556.4	6.459	.5835
54	.90000	.00000	29.000	.6281-01	.7602-01	.3078-02	.3725-02	571.9	26.23	2.388
54	.90000	.30000	31.000	.3687-01	.4454-01	.1807-02	.2183-02	565.0	16.41	1.414
54	.90000	.50000	32.000	.3045-01	.3682-01	.1492-02	.1804-02	568.6	15.99	1.163
54	.90000	.70000	33.000	.2151-01	.2594-01	.1054-02	.1271-02	559.4	9.668	.8309
54	.90000	.90000	34.000	.1359-01	.1638-01	.6660-03	.8025-03	555.6	5.564	.5275
54	.92500	.60000	37.000	.2457-01	.2968-01	.1204-02	.1454-02	563.9	12.25	.9438
54	.93700	.10000+00	35.000	.6117-01	.7433-01	.2998-02	.3643-02	586.3	31.12	2.283
54	.94100	.38000	36.000	.6182-01	.7480-01	.3029-02	.3666-02	571.3	22.47	2.352
54	.94900	.80000	39.000	.1429-01	.1723-01	.7005-03	.8443-03	556.2	6.295	.5544
54	.97300	-.13000	40.000	.1013	.1241	.4965-02	.6079-02	612.5	71.46	3.650
54	.97300	.00000	41.000	.7013-01	.8470-01	.3437-02	.4151-02	563.9	23.77	2.694
54	.97300	.18000	42.000	.3982-01	.4810-01	.1952-02	.2357-02	564.2	16.86	1.529
54	1.0000	.10000+00	43.000	.9857-02	.1186-01	.4830-03	.5813-03	550.4	6.109	.3851

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV08)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 8.000 BETA = .2023-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
51	3.692	35.07	.2023-02	8.000	853.7	1351.	97.87	.8744-01	3.917	3880.	.2411-02	.7876-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
51	.4913-01	.2106-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
51	.70000	.10000+00	1.0000	.3352-01	.4035-01	.1647-02	.1983-02	553.2	19.42	1.313
51	.70000	.30000	2.0000	.3573-01	.4302-01	.1755-02	.2113-02	553.7	14.77	1.399
51	.70000	.50000	3.0000	.3824-01	.4604-01	.1879-02	.2262-02	553.7	15.81	1.497
51	.70000	.70000	4.0000	.2365-01	.2845-01	.1162-02	.1398-02	550.7	9.828	.9295
51	.70000	.90000	5.0000	.1647-01	.1982-01	.8093-03	.9735-03	550.2	7.193	.6478
51	.75000	.00000	6.0000	.6546-01	.7905-01	.3216-02	.3884-02	565.1	30.94	2.526
51	.75000	.10000+00	7.0000	.3876-01	.4665-01	.1904-02	.2292-02	552.1	16.87	1.521
51	.75000	.20000	8.0000	.2860-01	.3441-01	.1405-02	.1691-02	550.7	11.89	1.124
51	.75000	.30000	9.0000	.2628-01	.3161-01	.1291-02	.1553-02	550.5	11.47	1.033
51	.75000	.40000	10.000	.3213-01	.3867-01	.1578-02	.1900-02	552.3	13.31	1.260
51	.75000	.50000	11.000	.3256-01	.3921-01	.1600-02	.1926-02	554.1	14.12	1.274
51	.75000	.70000	12.000	.2075-01	.2496-01	.1019-02	.1226-02	551.0	9.047	.8150
51	.75000	.90000	13.000	.1870-01	.2250-01	.9189-03	.1106-02	550.8	8.159	.7350
51	.80000	.00000	14.000	.6442-01	.7772-01	.3165-02	.3818-02	561.8	30.63	2.497
51	.80000	.20000	16.000	.3072-01	.3696-01	.1509-02	.1816-02	550.6	11.92	1.208
51	.80000	.30000	17.000	.2660-01	.3202-01	.1307-02	.1573-02	551.9	11.58	1.044
51	.80000	.40000	18.000	.2616-01	.3149-01	.1285-02	.1547-02	551.6	11.40	1.027
51	.80000	.50000	19.000	.2580-01	.3104-01	.1267-02	.1525-02	551.3	11.84	1.013
51	.80000	.70000	20.000	.1994-01	.2399-01	.9798-03	.1179-02	550.3	8.708	.7842
51	.80000	.90000	21.000	.1618-01	.1947-01	.7951-03	.9563-03	549.4	7.077	.6371
51	.85000	.00000	22.000	.5677-01	.6861-01	.2789-02	.3371-02	568.1	30.02	2.183
51	.85000	.10000+00	23.000	.3425-01	.4127-01	.1683-02	.2027-02	556.0	18.51	1.337

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV08)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
51	.85000	.20000	24.000	.2457-01	.2957-01	.1207-02	.1453-02	551.7	10.19	.9646
51	.85000	.30000	25.000	.1949-01	.2345-01	.9575-03	.1152-02	550.6	8.953	.7661
51	.85000	.50000	27.000	.1928-01	.2320-01	.9472-03	.1140-02	550.5	9.350	.7579
51	.85000	.70000	28.000	.1596-01	.1920-01	.7842-03	.9434-03	550.1	6.972	.6278
51	.90000	.00000	29.000	.4614-01	.5556-01	.2267-02	.2730-02	554.3	20.01	1.805
51	.90000	.30000	31.000	.3428-01	.4130-01	.1684-02	.2029-02	555.6	15.61	1.339
51	.90000	.50000	32.000	.3105-01	.3742-01	.1525-02	.1839-02	558.0	16.72	1.209
51	.90000	.70000	33.000	.1966-01	.2365-01	.9660-03	.1162-02	550.3	9.038	.7732
51	.90000	.90000	34.000	.1248-01	.1501-01	.6133-03	.7375-03	548.7	5.205	.4918
51	.92500	.60000	37.000	.2846-01	.3428-01	.1398-02	.1684-02	554.6	14.51	1.113
51	.93700	.10000+00	35.000	.5935-01	.7167-01	.2916-02	.3521-02	565.1	31.56	2.291
51	.94100	.38000	36.000	.5154-01	.6206-01	.2532-02	.3049-02	554.3	19.43	2.016
51	.94900	.80000	39.000	.1682-01	.2023-01	.8261-03	.9937-03	549.5	7.541	.6619
51	.97300	-.13000	40.000	.1150	.1398	.5652-02	.6869-02	568.0	85.41	4.311
51	.97300	.00000	41.000	.4721-01	.5679-01	.2319-02	.2790-02	550.0	16.50	1.857
51	.97300	.18000	42.000	.3841-01	.4625-01	.1887-02	.2272-02	553.7	16.67	1.504
51	1.0000	.10000+00	43.000	.7106-02	.8540-02	.3491-03	.4196-03	546.4	4.462	.2808

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = -.8059-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
80	.5784	35.03	-.6200-02	7.900	115.3	1252.	92.84	.1282-01	.5599	3732.	.3726-03	.7471-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
80	.1833-01	.5317-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
80	.70000	.10000+00	1.0000	.1457-01	.1766-01	.2671-03	.3237-03	535.8	2.851	.1912
80	.70000	.30000	2.0000	.9126-02	.1105-01	.1673-03	.2026-03	534.1	1.280	.1200
80	.70000	.50000	3.0000	.7461-02	.9037-02	.1368-03	.1656-03	534.0	1.047	.9815-01
80	.70000	.70000	4.0000	.4782-02	.5791-02	.8765-04	.1062-03	533.6	.6712	.6294-01
80	.70000	.90000	5.0000	.2829-02	.3426-02	.5186-04	.6280-04	532.8	.4177	.3728-01
80	.75000	.00000	6.0000	.3429-01	.4160-01	.6285-03	.7625-03	539.6	5.552	.4476
80	.75000	.10000+00	7.0000	.2173-01	.2634-01	.3983-03	.4827-03	535.9	3.189	.2851
80	.75000	.20000	8.0000	.1327-01	.1608-01	.2433-03	.2947-03	534.5	1.860	.1745
80	.75000	.30000	9.0000	.9438-02	.1143-01	.1730-03	.2095-03	533.9	1.390	.1242
80	.75000	.40000	10.000	.9446-02	.1144-01	.1731-03	.2097-03	534.1	1.325	.1242
80	.75000	.50000	11.000	.8588-02	.1040-01	.1574-03	.1907-03	534.3	1.264	.1129
80	.75000	.70000	12.000	.5013-02	.6071-02	.9188-04	.1113-03	533.9	.7384	.6595-01
80	.75000	.90000	13.000	.4208-02	.5096-02	.7713-04	.9341-04	533.3	.6206	.5541-01
80	.80000	.00000	14.000	.3400-01	.4124-01	.6231-03	.7559-03	539.1	5.509	.4440
80	.80000	.20000	16.000	.1627-01	.1971-01	.2982-03	.3612-03	534.0	2.130	.2140
80	.80000	.30000	17.000	.1061-01	.1285-01	.1944-03	.2355-03	533.9	1.562	.1395
80	.80000	.40000	18.000	.1054-01	.1276-01	.1931-03	.2339-03	533.8	1.552	.1386
80	.80000	.50000	19.000	.9623-02	.1165-01	.1764-03	.2136-03	533.6	1.493	.1267
80	.80000	.70000	20.000	.7027-02	.8509-02	.1288-03	.1560-03	533.3	1.036	.9253-01
80	.80000	.90000	21.000	.5006-02	.6063-02	.9177-04	.1111-03	533.4	.7382	.6591-01
80	.85000	.00000	22.000	.3171-01	.3849-01	.5812-03	.7055-03	541.5	5.754	.4127
80	.85000	.10000+00	23.000	.1988-01	.2410-01	.3643-03	.4418-03	538.0	3.631	.2600

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV09)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
80	.85000	.20000	24.000	.1537-01	.1862-01	.2818-03	.3414-03	535.1	2.151	.2019
80	.85000	.30000	25.000	.1139-01	.1380-01	.2088-03	.2530-03	534.7	1.764	.1497
80	.85000	.50000	27.000	.1083-01	.1312-01	.1985-03	.2405-03	534.5	1.771	.1424
80	.85000	.70000	28.000	.9281-02	.1124-01	.1701-03	.2061-03	533.9	1.367	.1221
80	.90000	.00000	29.000	.3393-01	.4114-01	.6220-03	.7540-03	536.9	4.971	.4446
80	.90000	.30000	31.000	.1675-01	.2029-01	.3070-03	.3720-03	534.9	2.593	.2201
80	.90000	.50000	32.000	.1284-01	.1555-01	.2353-03	.2851-03	535.2	2.358	.1686
80	.90000	.70000	33.000	.9749-02	.1181-01	.1787-03	.2165-03	534.6	1.510	.1281
80	.90000	.90000	34.000	.8128-02	.9843-02	.1490-03	.1804-03	533.6	1.141	.1070
80	.92500	.60000	37.000	.1024-01	.1241-01	.1878-03	.2275-03	535.4	1.770	.1345
80	.93700	.10000+00	35.000	.2387-01	.2895-01	.4375-03	.5306-03	538.2	4.359	.3121
80	.94100	.38000	36.000	.2099-01	.2544-01	.3848-03	.4663-03	535.6	2.680	.2755
80	.94900	.80000	39.000	.8342-02	.1010-01	.1529-03	.1852-03	533.8	1.260	.1098
80	.97300	-.13000	40.000	.5982-01	.7292-01	.1096-02	.1337-02	555.0	15.39	.7639
80	.97300	.00000	41.000	.5524-01	.6697-01	.1013-02	.1227-02	536.8	6.474	.7238
80	.97300	.18000	42.000	.2195-01	.2661-01	.4024-03	.4878-03	536.4	3.218	.2878
80	1.0000	.10000+00	43.000	.1085-01	.1314-01	.1989-03	.2408-03	532.5	2.289	.1430

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV09)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = -.8059-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
65	1.008	35.04	.4798-02	7.940	203.6	1252.	91.98	.2190-01	.9666	3733.	.6427-03	.7401-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
65	.2408-01	.4048-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
65	.70000	.10000+00	1.0000	.2274-01	.2767-01	.5477-03	.6663-03	548.3	5.710	.3853
65	.70000	.30000	2.0000	.1493-01	.1814-01	.3595-03	.4370-03	545.7	2.690	.2538
65	.70000	.50000	3.0000	.1353-01	.1644-01	.3258-03	.3960-03	545.6	2.438	.2300
65	.70000	.70000	4.0000	.9301-02	.1130-01	.2240-03	.2722-03	545.2	1.678	.1583
65	.70000	.90000	5.0000	.5304-02	.6444-02	.1277-03	.1552-03	544.2	1.006	.9036-01
65	.75000	.00000	6.0000	.4869-01	.5929-01	.1173-02	.1428-02	551.2	10.13	.8215
65	.75000	.10000+00	7.0000	.3796-01	.4619-01	.9141-03	.1112-02	549.3	7.133	.6420
65	.75000	.20000	8.0000	.2376-01	.2889-01	.5723-03	.6957-03	546.2	4.278	.4037
65	.75000	.30000	9.0000	.1668-01	.2027-01	.4016-03	.4882-03	545.8	3.155	.2835
65	.75000	.40000	10.000	.1644-01	.1998-01	.3958-03	.4812-03	546.1	2.960	.2793
65	.75000	.50000	11.000	.1547-01	.1881-01	.3727-03	.4531-03	546.6	2.923	.2628
65	.75000	.70000	12.000	.9681-02	.1177-01	.2331-03	.2834-03	545.9	1.831	.1646
65	.75000	.90000	13.000	.8366-02	.1017-01	.2015-03	.2449-03	545.3	1.584	.1423
65	.80000	.00000	14.000	.4860-01	.5915-01	.1170-02	.1424-02	550.0	10.13	.8212
65	.80000	.20000	15.000	.3456-01	.4203-01	.8322-03	.1012-02	547.5	5.793	.5861
65	.80000	.30000	17.000	.2277-01	.2769-01	.5485-03	.6669-03	546.8	4.301	.3866
65	.80000	.40000	18.000	.2019-01	.2456-01	.4864-03	.5914-03	546.9	3.813	.3428
65	.80000	.50000	19.000	.1756-01	.2135-01	.4230-03	.5143-03	546.4	3.494	.2983
65	.80000	.70000	20.000	.1308-01	.1589-01	.3149-03	.3828-03	545.7	2.475	.2223
65	.80000	.90000	21.000	.1031-01	.1253-01	.2482-03	.3017-03	545.7	1.950	.1752
65	.85000	.00000	22.000	.4943-01	.6031-01	.1192-02	.1452-02	554.1	11.52	.8313
65	.85000	.10000+00	23.000	.4182-01	.5095-01	.1007-02	.1227-02	553.1	9.751	.7035

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV09)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
65	.85000	.20000	24.000	.3335-01	.4058-01	.8032-03	.9774-03	549.3	5.969	.5642
65	.85000	.30000	25 000	.2459-01	.2991-01	.5923-03	.7204-03	547.9	4.878	.4168
65	.85000	.50000	27.000	.1968-01	.2394-01	.4740-03	.5765-03	547.3	4.126	.3339
65	.85000	.70000	28.000	.1586-01	.1928-01	.3819-03	.4644-03	546.8	2.995	.2692
65	.90000	.00000	29.000	.5046-01	.6143-01	.1215-02	.1480-02	550.8	9.456	.8518
65	.90000	.30000	31.000	.3284-01	.3997-01	.7910-03	.9626-03	549.5	6.494	.5554
65	.90000	.50000	32.000	.2339-01	.2846-01	.5632-03	.6855-03	549.9	5.487	.3953
65	.90000	.70000	33.000	.1672-01	.2033-01	.4026-03	.4897-03	548.0	3.315	.2833
65	.90000	.90000	34.000	.1315-01	.1599-01	.3168-03	.3852-03	546.6	2.367	.2234
65	.92500	.60000	37.000	.2037-01	.2479-01	.4906-03	.5970-03	549.3	4.504	.3446
65	.93700	.10000+00	35.000	.6640-01	.8101-01	.1599-02	.1951-02	557.6	15.35	1.110
65	.94100	.38000	36.000	.5003-01	.6090-01	.1205-02	.1467-02	550.6	8.154	.8447
65	.94900	.80000	39.000	.1421-01	.1728-01	.3422-03	.4161-03	547.1	2.750	.2411
65	.97300	-.13000	40.000	.8349-01	.1022	.2011-02	.2460-02	566.8	27.57	1.377
65	.97300	.00000	41.000	.7669-01	.9335-01	.1847-02	.2248-02	550.0	11.51	1.296
65	.97300	.18000	42.000	.4801-01	.5845-01	.1156-02	.1408-02	551.2	8.988	.8098
65	1.0000	.10000+00	43.000	.1130-01	.1372-01	.2720-03	.3305-03	543.9	3.064	.1925

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = -.8059-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
61	1.995	35.08	-.2683-02	7.980	435.0	1305.	94.98	.4529-01	2.019	3813.	.1287-02	.7643-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
61	.3506-01	.2873-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
61	.70000	.10000+00	1.0000	.3708-01	.4492-01	.1300-02	.1575-02	557.4	14.33	.9712
61	.70000	.30000	2.0000	.3171-01	.3837-01	.1112-02	.1345-02	552.4	8.834	.8363
61	.70000	.50000	3.0000	.3044-01	.3681-01	.1067-02	.1291-02	551.1	8.500	.8041
61	.70000	.70000	4.0000	.1699-01	.2053-01	.5955-03	.7195-03	547.9	4.771	.4506
61	.70000	.90000	5.0000	.7926-02	.9572-02	.2778-03	.3355-03	545.9	2.346	.2108
61	.75000	.00000	6.0000	.5910-01	.7165-01	.2072-02	.2512-02	560.1	18.94	1.543
61	.75000	.10000+00	7.0000	.5134-01	.6221-01	.1800-02	.2181-02	557.6	14.88	1.345
61	.75000	.20000	8.0000	.3673-01	.4444-01	.1288-02	.1558-02	552.5	10.23	.9686
61	.75000	.30000	9.0000	.3009-01	.3639-01	.1055-02	.1276-02	551.1	8.822	.7948
61	.75000	.40000	10.000	.3380-01	.4089-01	.1185-02	.1434-02	552.3	9.418	.8915
61	.75000	.50000	11.000	.3347-01	.4050-01	.1173-02	.1420-02	553.0	9.779	.8819
61	.75000	.70000	12.000	.1819-01	.2199-01	.6378-03	.7709-03	549.1	5.354	.4819
61	.75000	.90000	13.000	.1232-01	.1488-01	.4318-03	.5217-03	547.6	3.635	.3269
61	.80000	.00000	14.000	.5213-01	.6312-01	.1828-02	.2213-02	555.2	16.86	1.370
61	.80000	.20000	16.000	.4392-01	.5316-01	.1540-02	.1863-02	553.7	11.39	1.153
61	.80000	.30000	17.000	.3385-01	.4096-01	.1187-02	.1436-02	553.6	9.878	.8911
61	.80000	.40000	18.000	.3265-01	.3951-01	.1145-02	.1385-02	553.1	9.539	.8603
61	.80000	.50000	19.000	.3291-01	.3982-01	.1154-02	.1396-02	552.3	10.14	.8680
61	.80000	.70000	20.000	.2376-01	.2872-01	.8328-03	.1007-02	550.3	6.976	.6282
61	.80000	.90000	21.000	.1536-01	.1856-01	.5385-03	.6506-03	547.7	4.532	.4076
61	.85000	.00000	22.000	.5053-01	.6130-01	.1771-02	.2149-02	562.3	18.14	1.315
61	.85000	.10000+00	23.000	.3974-01	.4820-01	.1393-02	.1690-02	561.6	14.29	1.035

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
61	.85000	.20000	24.000	.3375-01	.4085-01	.1183-02	.1432-02	554.0	9.375	.8882
61	.85000	.30000	25.000	.2780-01	.3364-01	.9746-03	.1179-02	552.6	8.556	.7329
61	.85000	.50000	27.000	.2798-01	.3386-01	.9809-03	.1187-02	553.0	9.084	.7373
61	.85000	.70000	28.000	.2365-01	.2861-01	.8292-03	.1003-02	551.7	6.928	.6244
61	.90000	.00000	29.000	.5271-01	.6385-01	.1848-02	.2238-02	557.2	15.28	1.381
61	.90000	.30000	31.000	.3568-01	.4320-01	.1251-02	.1514-02	555.6	10.92	.9368
61	.90000	.50000	32.000	.2717-01	.3291-01	.9525-03	.1154-02	556.3	9.864	.7128
61	.90000	.70000	33.000	.1950-01	.2359-01	.6835-03	.8268-03	552.1	6.006	.5143
61	.90000	.90000	34.000	.1475-01	.1783-01	.5171-03	.6250-03	549.2	4.133	.3906
61	.92500	.60000	37.000	.2261-01	.2738-01	.7927-03	.9598-03	555.3	7.740	.5940
61	.93700	.10000+00	35.000	.6388-01	.7767-01	.2239-02	.2723-02	569.6	22.63	1.646
61	.94100	.38000	36.000	.4953-01	.6001-01	.1736-02	.2104-02	558.0	12.47	1.296
61	.94900	.80000	39.000	.1407-01	.1700-01	.4931-03	.5961-03	549.8	4.240	.3722
61	.97300	-.13000	40.000	.8931-01	.1091	.3131-02	.3824-02	584.7	44.74	2.254
61	.97300	.00000	41.000	.7381-01	.8937-01	.2587-02	.3133-02	555.5	17.17	1.938
61	.97300	.18000	42.000	.4460-01	.5404-01	.1564-02	.1895-02	557.8	12.92	1.168
61	1.0000	.10000+00	43.000	.9816-02	.1185-01	.3441-03	.4155-03	545.0	4.158	.2614

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV09)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = -.8059-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
58	3.004	35.11	-.2633-02	7.990	670.1	1322.	96.00	.6920-01	3.092	3838.	.1946-02	.7725-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
58	.4349-01	.2340-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
58	.70000	.10000+00	1.0000	.3958-01	.4802-01	.1721-02	.2088-02	569.6	18.98	1.295
58	.70000	.30000	2.0000	.3789-01	.4591-01	.1648-02	.1997-02	565.7	13.07	1.246
58	.70000	.50000	3.0000	.3726-01	.4514-01	.1620-02	.1963-02	564.9	12.87	1.226
58	.70000	.70000	4.0000	.2315-01	.2800-01	.1007-02	.1218-02	559.3	8.078	.7674
58	.70000	.90000	5.0000	.1227-01	.1483-01	.5337-03	.6451-03	556.4	4.521	.4084
58	.75000	.00000	6.0000	.5806-01	.7051-01	.2525-02	.3066-02	573.1	23.05	1.890
58	.75000	.10000+00	7.0000	.4652-01	.5642-01	.2023-02	.2454-02	568.3	16.77	1.524
58	.75000	.20000	8.0000	.3686-01	.4465-01	.1603-02	.1942-02	564.1	12.75	1.214
58	.75000	.30000	9.0000	.3282-01	.3974-01	.1427-02	.1728-02	563.2	11.94	1.082
58	.75000	.40000	10.000	.3701-01	.4484-01	.1609-02	.1950-02	565.1	12.78	1.218
58	.75000	.50000	11.000	.3554-01	.4308-01	.1545-02	.1873-02	566.4	12.86	1.167
58	.75000	.70000	12.000	.2161-01	.2616-01	.9399-03	.1138-02	561.4	7.890	.7145
58	.75000	.90000	13.000	.1702-01	.2059-01	.7403-03	.8954-03	558.6	6.246	.5649
58	.80000	.00000	14.000	.4990-01	.6050-01	.2170-02	.2631-02	567.1	20.03	1.637
58	.80000	.20000	16.000	.3717-01	.4503-01	.1616-02	.1958-02	564.9	11.98	1.223
58	.80000	.30000	17.000	.3116-01	.3776-01	.1355-02	.1642-02	565.6	11.29	1.025
58	.80000	.40000	18.000	.3150-01	.3817-01	.1370-02	.1660-02	565.3	11.42	1.036
58	.80000	.50000	19.000	.3126-01	.3788-01	.1360-02	.1647-02	564.7	11.94	1.029
58	.80000	.70000	20.000	.2377-01	.2877-01	.1034-02	.1251-02	561.3	8.681	.7861
58	.80000	.90000	21.000	.1813-01	.2193-01	.7882-03	.9535-03	559.4	6.641	.6008
58	.85000	.00000	22.000	.4833-01	.5875-01	.2101-02	.2555-02	576.5	21.45	1.566
58	.85000	.10000+00	23.000	.3236-01	.3931-01	.1407-02	.1709-02	573.7	14.44	1.053

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
58	.85000	.20000	24.000	.2698-01	.3268-01	.1173-02	.1421-02	564.8	9.322	.8879
58	.85000	.30000	25.000	.2277-01	.2757-01	.9900-03	.1199-02	563.3	8.718	.7509
58	.85000	.50000	27.000	.2354-01	.2852-01	.1024-02	.1240-02	564.6	9.494	.7750
58	.85000	.70000	28.000	.1978-01	.2395-01	.8602-03	.1042-02	563.0	7.201	.6526
58	.90000	.00000	29.000	.5294-01	.6425-01	.2302-02	.2794-02	571.0	18.99	1.728
58	.90000	.30000	31.000	.3468-01	.4208-01	.1508-02	.1830-02	569.5	13.13	1.134
58	.90000	.50000	32.000	.2666-01	.3235-01	.1159-02	.1407-02	570.3	11.97	.8710
58	.90000	.70000	33.000	.1674-01	.2028-01	.7281-03	.8818-03	563.6	6.409	.5520
58	.90000	.90000	34.000	.1129-01	.1367-01	.4911-03	.5943-03	560.3	3.935	.3739
58	.92500	.60000	37.000	.2261-01	.2742-01	.9833-03	.1192-02	567.6	9.603	.7415
58	.93700	.10000+00	35.000	.5448-01	.6640-01	.2369-02	.2887-02	585.2	23.80	1.745
58	.94100	.38000	36.000	.4599-01	.5583-01	.2000-02	.2428-02	572.4	14.31	1.498
58	.94900	.80000	39.000	.1217-01	.1473-01	.5292-03	.6404-03	560.8	4.561	.4026
58	.97300	-.13000	40.000	.8963-01	.1099	.3898-02	.4779-02	605.1	54.87	2.793
58	.97300	.00000	41.000	.7066-01	.8567-01	.3073-02	.3726-02	567.6	20.40	2.317
58	.97300	.18000	42.000	.3963-01	.4809-01	.1723-02	.2091-02	570.2	14.24	1.295
58	1.0000	.10000+00	43.000	.9384-02	.1134-01	.4081-03	.4931-03	554.8	4.953	.3129

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV09)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = -.8059-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
53	3.673	35.07	.2689-02	8.000	852.2	1354.	98.09	.8729-01	3.910	3984.	.2402-02	.7893-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
53	.4910-01	.2111-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
53	.70000	.10000+00	1.0000	.3588-01	.4327-01	.1762-02	.2125-02	561.2	20.56	1.396
53	.70000	.30000	2.0000	.3601-01	.4341-01	.1768-02	.2132-02	559.2	14.79	1.405
53	.70000	.50000	3.0000	.3865-01	.4658-01	.1898-02	.2287-02	559.0	15.88	1.508
53	.70000	.70000	4.0000	.2417-01	.2911-01	.1187-02	.1429-02	555.0	10.00	.9480
53	.70000	.90000	5.0000	.1610-01	.1939-01	.7907-03	.9519-03	554.3	7.004	.6320
53	.75000	.00000	6.0000	.6446-01	.7783-01	.3165-02	.3822-02	565.5	30.55	2.495
53	.75000	.10000+00	7.0000	.4199-01	.5062-01	.2062-02	.2486-02	560.1	18.08	1.636
53	.75000	.20000	8.0000	.2995-01	.3607-01	.1471-02	.1771-02	556.5	12.36	1.172
53	.75000	.30000	9.0000	.2725-01	.3282-01	.1338-02	.1611-02	555.9	11.82	1.067
53	.75000	.40000	10.000	.3286-01	.3959-01	.1613-02	.1944-02	557.8	13.53	1.284
53	.75000	.50000	11.000	.3310-01	.3990-01	.1625-02	.1959-02	559.6	14.27	1.291
53	.75000	.70000	12.000	.2102-01	.2532-01	.1032-02	.1243-02	555.6	9.125	.8239
53	.75000	.90000	13.000	.1849-01	.2226-01	.9077-03	.1093-02	555.5	8.025	.7246
53	.80000	.00000	14.000	.6268-01	.7565-01	.3078-02	.3715-02	563.7	29.80	2.432
53	.80000	.20000	16.000	.3207-01	.3864-01	.1575-02	.1897-02	556.8	12.35	1.255
53	.80000	.30000	17.000	.2667-01	.3213-01	.1310-02	.1578-02	557.5	11.54	1.043
53	.80000	.40000	18.000	.2661-01	.3206-01	.1307-02	.1574-02	557.1	11.52	1.041
53	.80000	.50000	19.000	.2646-01	.3187-01	.1299-02	.1565-02	556.6	12.07	1.036
53	.80000	.70000	20.000	.2043-01	.2460-01	.1003-02	.1208-02	555.0	8.875	.8012
53	.80000	.90000	21.000	.1629-01	.1961-01	.7998-03	.9629-03	554.3	7.085	.6394
53	.85000	.00000	22.000	.5780-01	.6966-01	.2838-02	.3431-02	569.7	30.58	2.225
53	.85000	.10000+00	23.000	.3494-01	.4218-01	.1716-02	.2071-02	565.1	18.64	1.353

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV09)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
53	.85000	.20000	24.000	.2532-01	.3051-01	.1243-02	.1498-02	557.8	10.42	.9895
53	.85000	.30000	25.000	.1995-01	.2402-01	.9795-03	.1180-02	556.0	9.107	.7813
53	.85000	.50000	27.000	.1978-01	.2382-01	.9712-03	.1170-02	556.0	9.531	.7747
53	.85000	.70000	28.000	.1641-01	.1977-01	.8060-03	.9706-03	555.5	7.125	.6433
53	.90000	.00000	29.000	.5022-01	.6062-01	.2466-02	.2977-02	564.5	21.46	1.946
53	.90000	.30000	31.000	.3498-01	.4219-01	.1718-02	.2072-02	562.3	15.79	1.359
53	.90000	.50000	32.000	.3023-01	.3649-01	.1484-02	.1792-02	564.7	16.14	1.171
53	.90000	.70000	33.000	.1911-01	.2302-01	.9383-03	.1130-02	556.6	8.715	.7479
53	.90000	.90000	34.000	.1174-01	.1413-01	.5763-03	.6937-03	554.4	4.861	.4606
53	.92500	.60000	37.000	.2756-01	.3324-01	.1353-02	.1632-02	561.5	13.92	1.072
53	.93700	.10000+00	35.000	.5842-01	.7070-01	.2869-02	.3472-02	574.3	30.66	2.236
53	.94100	.38000	36.000	.5200-01	.6272-01	.2553-02	.3080-02	562.1	19.40	2.021
53	.94900	.80000	39.000	.1608-01	.1936-01	.7894-03	.9507-03	555.9	7.152	.6298
53	.97300	-.13000	40.000	.1009	.1222	.4952-02	.6002-02	579.7	76.26	3.833
53	.97300	.00000	41.000	.5452-01	.6569-01	.2677-02	.3226-02	558.2	18.84	2.129
53	.97300	.18000	42.000	.3957-01	.4772-01	.1943-02	.2343-02	560.7	17.02	1.541
53	1.0000	.10000+00	43.000	.7019-02	.8446-02	.3447-03	.4147-03	552.4	4.376	.2762

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV10)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 8.000 BETA = -.2574-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
55	3.686	35.16	-.2574-02	8.000	850.4	1349.	97.73	.8710-01	3.902	3877.	.2406-02	.7864-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
55	.4902-01	.2109-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
55	.70000	.10000+00	1.0000	.3568-01	.4317-01	.1749-02	.2116-02	571.4	19.92	1.359
55	.70000	.30000	2.0000	.3745-01	.4528-01	.1836-02	.2220-02	568.1	15.02	1.433
55	.70000	.50000	3.0000	.3826-01	.4625-01	.1875-02	.2267-02	567.9	15.35	1.464
55	.70000	.70000	4.0000	.2454-01	.2962-01	.1203-02	.1452-02	562.5	9.940	.9457
55	.70000	.90000	5.0000	.1455-01	.1755-01	.7133-03	.8605-03	560.3	6.213	.5623
55	.75000	.00000	6.0000	.5894-01	.7141-01	.2890-02	.3501-02	576.0	27.20	2.233
55	.75000	.10000+00	7.0000	.4251-01	.5142-01	.2084-02	.2521-02	570.2	17.84	1.622
55	.75000	.20000	8.0000	.3239-01	.3913-01	.1588-02	.1918-02	565.5	13.05	1.243
55	.75000	.30000	9.0000	.2964-01	.3579-01	.1453-02	.1755-02	564.7	12.56	1.139
55	.75000	.40000	10.000	.3461-01	.4183-01	.1697-02	.2050-02	567.1	13.90	1.326
55	.75000	.50000	11.000	.3414-01	.4129-01	.1674-02	.2024-02	569.1	14.35	1.305
55	.75000	.70000	12.000	.2105-01	.2541-01	.1032-02	.1246-02	563.3	8.941	.8104
55	.75000	.90000	13.000	.1846-01	.2229-01	.9051-03	.1092-02	562.4	7.854	.7116
55	.80000	.00000	14.000	.5597-01	.6775-01	.2744-02	.3321-02	573.2	25.95	2.127
55	.80000	.20000	16.000	.3333-01	.4028-01	.1634-02	.1974-02	566.8	12.50	1.277
55	.80000	.30000	17.000	.2689-01	.3250-01	.1318-02	.1593-02	567.2	11.34	1.030
55	.80000	.40000	18.000	.2754-01	.3328-01	.1350-02	.1632-02	566.8	11.63	1.056
55	.80000	.50000	19.000	.2811-01	.3397-01	.1378-02	.1665-02	566.7	12.49	1.078
55	.80000	.70000	20.000	.2195-01	.2650-01	.1076-02	.1299-02	563.8	9.315	.8446
55	.80000	.90000	21.000	.1751-01	.2113-01	.8583-03	.1036-02	562.3	7.449	.6749
55	.85000	.00000	22.000	.5076-01	.6157-01	.2488-02	.3018-02	580.2	26.15	1.912
55	.85000	.10000+00	23.000	.3167-01	.3836-01	.1552-02	.1881-02	576.1	16.43	1.199

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV10)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
55	.85000	.20000	24.000	.2536-01	.3064-01	.1243-02	.1502-02	566.8	10.19	.9719
55	.85000	.30000	25.000	.2030-01	.2452-01	.9950-03	.1202-02	565.1	9.046	.7797
55	.85000	.50000	27.000	.2044-01	.2471-01	.1002-02	.1211-02	566.9	9.586	.7835
55	.85000	.70000	28.000	.1716-01	.2073-01	.8410-03	.1016-02	565.4	7.260	.6588
55	.90000	.00000	29.000	.5576-01	.6752-01	.2733-02	.3310-02	574.3	23.22	2.116
55	.90000	.30000	31.000	.3622-01	.4385-01	.1775-02	.2149-02	573.7	15.89	1.376
55	.90000	.50000	32.000	.2975-01	.3604-01	.1458-02	.1767-02	576.4	15.43	1.126
55	.90000	.70000	33.000	.1806-01	.2183-01	.8852-03	.1070-02	567.4	8.014	.6916
55	.90000	.90000	34.000	.1095-01	.1322-01	.5367-03	.6478-03	562.5	4.435	.4220
55	.92500	.60000	37.000	.2518-01	.3048-01	.1234-02	.1494-02	572.9	12.37	.9577
55	.93700	.10000+00	35.000	.5646-01	.6871-01	.2768-02	.3368-02	592.6	28.44	2.093
55	.94100	.38000	36.000	.4939-01	.5985-01	.2421-02	.2934-02	576.9	17.80	1.868
55	.94900	.80000	39.000	.1356-01	.1637-01	.6646-03	.8026-03	564.3	5.895	.5213
55	.97300	-.13000	40.000	.9393-01	.1149	.4604-02	.5635-02	611.2	66.52	3.396
55	.97300	.00000	41.000	.7083-01	.8567-01	.3472-02	.4199-02	569.7	23.80	2.705
55	.97300	.18000	42.000	.3943-01	.4772-01	.1933-02	.2339-02	572.8	16.46	1.500
55	1.0000	.10000+00	43.000	.9625-02	.1160-01	.4719-03	.5685-03	555.6	5.920	.3742

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV11)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = .2821-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
81	.5798	40.02	.9489-02	7.900	115.5	1251.	92.77	.1283-01	.5606	3730.	.3734-03	.7465-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
81	.1834-01	.5311-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
81	.70000	.10000+00	1.0000	.1367-01	.1657-01	.2506-03	.3038-03	535.9	2.672	.1791
81	.70000	.30000	2.0000	.6825-02	.8270-02	.1252-03	.1517-03	534.5	.9555	.8964-01
81	.70000	.50000	3.0000	.4046-02	.4902-02	.7421-04	.8990-04	534.3	.5667	.5316-01
81	.70000	.70000	4.0000	.2931-02	.3551-02	.5376-04	.6512-04	534.0	.4108	.3853-01
81	.70000	.90000	5.0000	.3403-02	.4122-02	.6240-04	.7559-04	533.8	.5009	.4473-01
81	.75000	.00000	6.0000	.2544-01	.3087-01	.4666-03	.5661-03	539.2	4.119	.3320
81	.75000	.10000+00	7.0000	.2099-01	.2545-01	.3850-03	.4667-03	536.1	3.077	.2751
81	.75000	.20000	8.0000	.1253-01	.1518-01	.2298-03	.2784-03	534.5	1.754	.1646
81	.75000	.30000	9.0000	.7968-02	.9652-02	.1461-03	.1770-03	533.8	1.173	.1047
81	.75000	.40000	10.000	.6916-02	.8380-02	.1268-03	.1537-03	534.6	.9682	.9083-01
81	.75000	.50000	11.000	.5675-02	.6877-02	.1041-03	.1261-03	534.8	.8338	.7451-01
81	.75000	.70000	12.000	.3111-02	.3769-02	.5706-04	.6912-04	534.2	.4576	.4088-01
81	.75000	.90000	13.000	.4296-02	.5204-02	.7878-04	.9544-04	534.2	.6318	.5644-01
81	.80000	.00000	14.000	.2427-01	.2944-01	.4450-03	.5399-03	538.6	3.933	.3169
81	.80000	.20000	16.000	.1520-01	.1842-01	.2788-03	.3378-03	534.1	1.988	.1998
81	.80000	.30000	17.000	.9160-02	.1110-01	.1680-03	.2035-03	534.0	1.348	.1204
81	.80000	.40000	18.000	.8029-02	.9726-02	.1472-03	.1784-03	533.9	1.182	.1055
81	.80000	.50000	19.000	.7083-02	.8579-02	.1299-03	.1573-03	533.7	1.098	.9312-01
81	.80000	.70000	20.000	.4821-02	.5841-02	.8841-04	.1071-03	534.1	.7093	.6335-01
81	.80000	.90000	21.000	.4551-02	.5513-02	.8345-04	.1011-03	534.3	.6692	.5978-01
81	.85000	.00000	22.000	.2432-01	.2953-01	.4461-03	.5416-03	541.3	4.412	.3164
81	.85000	.10000+00	23.000	.1845-01	.2237-01	.3383-03	.4103-03	538.2	3.366	.2410

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XVII)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
81	.85000	.20000	24.000	.1446-01	.1752-01	.2651-03	.3213-03	535.3	2.021	.1896
81	.85000	.30000	25.000	.1042-01	.1263-01	.1911-03	.2316-03	534.9	1.612	.1368
81	.85000	.50000	27.000	.8343-02	.1011-01	.1530-03	.1854-03	534.7	1.362	.1095
81	.85000	.70000	28.000	.6928-02	.8393-02	.1270-03	.1539-03	534.5	1.018	.9099-01
81	.90000	.00000	29.000	.3027-01	.3670-01	.5551-03	.6731-03	537.0	4.428	.3961
81	.90000	.30000	31.000	.1294-01	.1568-01	.2373-03	.2876-03	535.3	1.999	.1697
81	.90000	.50000	32.000	.8725-02	.1058-01	.1600-03	.1939-03	535.7	1.600	.1144
81	.90000	.70000	33.000	.6890-02	.8350-02	.1264-03	.1531-03	535.3	1.065	.9040-01
81	.90000	.90000	34.000	.5844-02	.7081-02	.1072-03	.1299-03	535.0	.8173	.7669-01
81	.92500	.60000	37.000	.6087-02	.7377-02	.1116-03	.1353-03	535.7	1.050	.7981-01
81	.93700	.10000+00	35.000	.1295-01	.1571-01	.2375-03	.2880-03	537.6	2.366	.1694
81	.94100	.38000	36.000	.1180-01	.1430-01	.2164-03	.2623-03	535.8	1.505	.1547
81	.94900	.80000	39.000	.5536-02	.6708-02	.1015-03	.1230-03	535.1	.8337	.7264-01
81	.97300	-.13000	40.000	.3001-01	.3656-01	.5504-03	.6704-03	552.3	7.752	.3843
81	.97300	.00000	41.000	.3775-01	.4575-01	.6922-03	.8390-03	535.8	4.428	.4948
81	.97300	.18000	42.000	.1146-01	.1389-01	.2101-03	.2547-03	536.0	1.680	.1502
81	1.0000	.10000+00	43.000	.9490-02	.1149-01	.1740-03	.2108-03	532.9	1.999	.1249

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XVII)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = .2821-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
66	1.013	40.02	-.7371-02	7.940	205.6	1256.	92.27	.2212-01	.9761	3739.	.6470-03	.7425-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
66	.2422-01	.4036-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
66	.70000	.10000+00	1.0000	.1518-01	.1845-01	.3677-03	.4467-03	546.0	3.871	.2609
66	.70000	.30000	2.0000	.8714-02	.1058-01	.2110-03	.2562-03	543.9	1.594	.1502
66	.70000	.50000	3.0000	.5926-02	.7195-02	.1435-03	.1742-03	543.9	1.083	.1021
66	.70000	.70000	4.0000	.3821-02	.4639-02	.9252-04	.1123-03	543.8	.6987	.6586-01
66	.70000	.90000	5.0000	.3621-02	.4396-02	.8767-04	.1064-03	543.7	.6955	.6242-01
66	.75000	.00000	6.0000	.3105-01	.3776-01	.7520-03	.9144-03	548.7	6.565	.5317
66	.75000	.10000+00	7.0000	.2436-01	.2960-01	.5899-03	.7168-03	546.3	4.656	.4185
66	.75000	.20000	8.0000	.1467-01	.1781-01	.3552-03	.4313-03	544.1	2.681	.2527
66	.75000	.30000	9.0000	.1003-01	.1218-01	.2428-03	.2948-03	543.9	1.925	.1728
66	.75000	.40000	10.000	.9179-02	.1115-01	.2223-03	.2699-03	544.4	1.677	.1581
66	.75000	.50000	11.000	.8047-02	.9773-02	.1948-03	.2366-03	544.8	1.542	.1385
66	.75000	.70000	12.000	.4184-02	.5081-02	.1013-03	.1230-03	544.4	.8026	.7206-01
66	.75000	.90000	13.000	.4849-02	.5889-02	.1174-03	.1426-03	544.6	.9299	.8350-01
66	.80000	.00000	14.000	.3893-01	.4733-01	.9427-03	.1146-02	548.0	8.240	.6671
66	.80000	.20000	16.000	.1925-01	.2338-01	.4661-03	.5661-03	545.0	3.278	.3312
66	.80000	.30000	17.000	.1168-01	.1418-01	.2828-03	.3435-03	544.3	2.241	.2012
66	.80000	.40000	18.000	.1088-01	.1322-01	.2636-03	.3201-03	544.3	2.088	.1875
66	.80000	.50000	19.000	.1005-01	.1220-01	.2433-03	.2954-03	544.1	2.030	.1731
66	.80000	.70000	20.000	.6608-02	.8024-02	.1600-03	.1943-03	544.2	1.268	.1138
66	.80000	.90000	21.000	.5314-02	.6454-02	.1287-03	.1563-03	544.3	1.020	.9154-01
66	.85000	.00000	22.000	.3261-01	.3970-01	.7898-03	.9614-03	552.5	7.700	.5553
66	.85000	.10000+00	23.000	.2308-01	.2807-01	.5588-03	.6798-03	550.1	5.473	.3943

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV11)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
66	.85000	.20000	24.000	.1827-01	.2220-01	.4425-03	.5376-03	546.4	3.325	.3138
66	.85000	.30000	25.000	.1397-01	.1697-01	.3382-03	.4109-03	545.4	2.815	.2402
66	.85000	.50000	27.000	.1360-01	.1652-01	.3293-03	.4001-03	545.6	2.892	.2338
66	.85000	.70000	28.000	.1001-01	.1216-01	.2423-03	.2943-03	545.6	1.915	.1720
66	.90000	.00000	29.000	.4223-01	.5137-01	.1023-02	.1244-02	549.8	8.018	.7219
66	.90000	.30000	31.000	.2085-01	.2534-01	.5049-03	.6136-03	546.7	4.192	.3580
66	.90000	.50000	32.000	.1603-01	.1949-01	.3881-03	.4719-03	548.4	3.814	.2745
66	.90000	.70000	33.000	.1144-01	.1390-01	.2770-03	.3366-03	546.7	2.299	.1964
66	.90000	.90000	34.000	.7785-02	.9458-02	.1885-03	.2290-03	545.7	1.419	.1338
66	.92500	.60000	37.000	.1243-01	.1511-01	.3010-03	.3659-03	548.1	2.785	.2130
66	.93700	.10000+00	35.000	.2136-01	.2600-01	.5173-03	.6295-03	551.5	5.053	.3642
66	.94100	.38000	36.000	.2154-01	.2619-01	.5216-03	.6342-03	548.6	3.564	.3688
66	.94900	.80000	39.000	.7799-02	.9477-02	.1889-03	.2295-03	546.2	1.529	.1340
66	.97300	-.13000	40.000	.7763-01	.9492-01	.1880-02	.2298-02	566.4	25.95	1.296
66	.97300	.00000	41.000	.5134-01	.6241-01	.1243-02	.1511-02	547.9	7.826	.8799
66	.97300	.18000	42.000	.1640-01	.1994-01	.3972-03	.4828-03	547.4	3.128	.2813
66	1.0000	.10000+00	43.000	.1071-01	.1300-01	.2594-03	.3148-03	542.5	2.946	.1850

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV11)

.0175 VERTICAL PARAMETRIC DATA

MACH = 7.962 BETA = .2821-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
62	1.986	40.09	.3236-02	7.980	434.1	1307.	95.13	.4519-01	2.014	3815.	.1282-02	.7655-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
62	.3503-01	.2879-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.5	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
62	.70000	.10000+00	1.0000	.2220-01	.2689-01	.7775-03	.9418-03	557.7	8.589	.5823
62	.70000	.30000	2.0000	.1820-01	.2203-01	.6376-03	.7716-03	554.5	5.061	.4795
62	.70000	.50000	3.0000	.1329-01	.1609-01	.4656-03	.5635-03	554.4	3.697	.3503
62	.70000	.70000	4.0000	.7396-02	.8945-02	.2591-03	.3133-03	552.1	2.065	.1955
62	.70000	.90000	5.0000	.4384-02	.5302-02	.1536-03	.1857-03	551.5	1.287	.1160
62	.75000	.00000	6.0000	.4850-01	.5886-01	.1699-02	.2062-02	564.3	15.45	1.261
62	.75000	.10000+00	7.0000	.3560-01	.4315-01	.1247-02	.1511-02	559.3	10.30	.9320
62	.75000	.20000	8.0000	.2607-01	.3156-01	.9131-03	.1106-02	555.9	7.229	.6855
62	.75000	.30000	9.0000	.2074-01	.2510-01	.7265-03	.8793-03	554.6	6.054	.5464
62	.75000	.40000	10.000	.2029-01	.2456-01	.7107-03	.8603-03	555.4	5.632	.5339
62	.75000	.50000	11.000	.1737-01	.2103-01	.6086-03	.7368-03	555.8	5.060	.4570
62	.75000	.70000	12.000	.7696-02	.9311-02	.2696-03	.3261-03	553.1	2.253	.2032
62	.75000	.90000	13.000	.6283-02	.7602-02	.2201-03	.2663-03	553.2	1.839	.1658
62	.80000	.00000	14.000	.5284-01	.6407-01	.1851-02	.2244-02	561.0	16.94	1.380
62	.80000	.20000	16.000	.3402-01	.4120-01	.1192-02	.1443-02	557.0	8.788	.8933
62	.80000	.30000	17.000	.2594-01	.3143-01	.9088-03	.1101-02	557.7	7.530	.6807
62	.80000	.40000	18.000	.2494-01	.3021-01	.8737-03	.1058-02	557.2	7.246	.6548
62	.80000	.50000	19.000	.2203-01	.2667-01	.7715-03	.9342-03	556.4	6.745	.5788
62	.80000	.70000	20.000	.1279-01	.1547-01	.4479-03	.5420-03	554.6	3.732	.3368
62	.80000	.90000	21.000	.8431-02	.1020-01	.2953-03	.3573-03	553.4	2.466	.2224
62	.85000	.00000	22.000	.5519-01	.6708-01	.1933-02	.2350-02	569.1	19.61	1.426
62	.85000	.10000+00	23.000	.3775-01	.4585-01	.1322-02	.1606-02	566.4	13.48	.9789

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV11)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	CTWDT DEG/ SEC	QDOT BTU/ FT2/S
62	.85000	.20000	24.000	.3137-01	.3801-01	.1099-02	.1332-02	558.7	8.657	.8220
62	.85000	.30000	25.000	.2724-01	.3299-01	.9540-03	.1156-02	557.7	8.321	.7146
62	.85000	.50000	27.000	.2660-01	.3223-01	.9319-03	.1129-02	558.3	8.570	.6974
62	.85000	.70000	28.000	.1826-01	.2211-01	.6396-03	.7745-03	556.7	5.309	.4797
62	.90000	.00000	29.000	.6365-01	.7726-01	.2230-02	.2706-02	564.8	18.23	1.654
62	.90000	.30000	31.000	.3588-01	.4351-01	.1257-02	.1524-02	561.6	10.88	.9364
62	.90000	.50000	32.000	.2929-01	.3554-01	.1026-02	.1245-02	563.1	10.52	.7629
62	.90000	.70000	33.000	.2013-01	.2439-01	.7050-03	.8542-03	558.8	6.136	.5272
62	.90000	.90000	34.000	.1287-01	.1558-01	.4507-03	.5457-03	556.0	3.568	.3383
62	.92500	.60000	37.000	.2538-01	.3077-01	.8889-03	.1078-02	561.3	8.608	.6626
62	.93700	.10000+00	35.000	.5297-01	.6444-01	.1855-02	.2257-02	573.0	18.68	1.361
62	.94100	.38000	36.000	.5552-01	.6740-01	.1945-02	.2361-02	565.4	13.81	1.442
62	.94900	.80000	39.000	.1539-01	.1864-01	.5392-03	.6529-03	556.8	4.589	.4043
62	.97300	-.13000	40.000	.9801-01	.1200	.3433-02	.4203-02	593.3	48.40	2.449
62	.97300	.00000	41.000	.7159-01	.8682-01	.2508-02	.3041-02	561.7	16.50	1.868
62	.97300	.18000	42.000	.3741-01	.4538-01	.1310-02	.1589-02	562.3	10.77	.9754
62	1.0000	.10000+00	43.000	.1143-01	.1382-01	.4004-03	.4842-03	552.2	4.787	.3021

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV11)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = .2821-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
59	3.021	40.13	.4365-02	7.990	670.8	1318.	95.71	.6927-01	3.096	3832.	.1954-02	.7701-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
59	.4349-01	.2334-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
59	.70000	.10000+00	1.0000	.3054-01	.3700-01	.1328-02	.1609-02	563.1	14.74	1.002
59	.70000	.30000	2.0000	.2478-01	.2998-01	.1078-02	.1304-02	557.4	8.635	.8194
59	.70000	.50000	3.0000	.1998-01	.2417-01	.8687-03	.1051-02	557.6	6.957	.6603
59	.70000	.70000	4.0000	.1072-01	.1296-01	.4661-03	.5634-03	554.4	3.754	.3558
59	.70000	.90000	5.0000	.6211-02	.7504-02	.2701-03	.3263-03	552.6	2.292	.2066
59	.75000	.00000	6.0000	.6791-01	.8245-01	.2953-02	.3586-02	570.8	26.93	2.205
59	.75000	.10000+00	7.0000	.4653-01	.5638-01	.2024-02	.2452-02	563.2	16.84	1.527
59	.75000	.20000	8.0000	.3225-01	.3902-01	.1403-02	.1697-02	557.8	11.23	1.066
59	.75000	.30000	9.0000	.2581-01	.3121-01	.1122-02	.1357-02	556.1	9.463	.8547
59	.75000	.40000	10.000	.2656-01	.3213-01	.1155-02	.1397-02	557.4	9.252	.8780
59	.75000	.50000	11.000	.2401-01	.2906-01	.1044-02	.1264-02	558.4	8.769	.7929
59	.75000	.70000	12.000	.1124-01	.1359-01	.4890-03	.5910-03	554.7	4.134	.3731
59	.75000	.90000	13.000	.9421-02	.1139-01	.4097-03	.4951-03	554.2	3.467	.3128
59	.80000	.00000	14.000	.6508-01	.7897-01	.2830-02	.3434-02	568.5	25.92	2.120
59	.80000	.20000	16.000	.4346-01	.5262-01	.1890-02	.2288-02	560.4	14.06	1.431
59	.80000	.30000	17.000	.3159-01	.3824-01	.1374-02	.1663-02	559.7	11.51	1.041
59	.80000	.40000	18.000	.2969-01	.3593-01	.1291-02	.1563-02	558.9	10.83	.9797
59	.80000	.50000	19.000	.2710-01	.3279-01	.1178-02	.1426-02	558.1	10.42	.8952
59	.80000	.70000	20.000	.1665-01	.2014-01	.7242-03	.8757-03	556.1	6.106	.5515
59	.80000	.90000	21.000	.1246-01	.1506-01	.5417-03	.6548-03	554.4	4.582	.4135
59	.85000	.00000	22.000	.5825-01	.7081-01	.2533-02	.3079-02	575.1	25.78	1.881
59	.85000	.10000+00	23.000	.4640-01	.5636-01	.2018-02	.2451-02	571.8	20.67	1.505

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XVII)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
59	.85000	.20000	24.000	.3984-01	.4826-01	.1733-02	.2099-02	562.2	13.76	1.309
59	.85000	.30000	25.000	.3185-01	.3855-01	.1383-02	.1677-02	560.2	12.20	1.049
59	.85000	.50000	27.000	.2874-01	.3480-01	.1250-02	.1513-02	561.0	11.61	.9458
59	.85000	.70000	28.000	.2055-01	.2487-01	.8936-03	.1081-02	558.9	7.496	.6780
59	.90000	.00000	29.000	.6484-01	.7869-01	.2820-02	.3422-02	568.9	23.23	2.111
59	.90000	.30000	31.000	.4574-01	.5547-01	.1989-02	.2412-02	565.9	17.34	1.496
59	.90000	.50000	32.000	.3461-01	.4200-01	.1505-02	.1826-02	568.3	15.51	1.128
59	.90000	.70000	33.000	.2245-01	.2718-01	.9762-03	.1182-02	560.2	8.599	.7394
59	.90000	.90000	34.000	.1525-01	.1844-01	.6630-03	.8019-03	556.9	5.317	.5044
59	.92500	.60000	37.000	.2935-01	.3559-01	.1277-02	.1547-02	565.2	12.45	.9605
59	.93700	.10000+00	35.000	.7181-01	.8751-01	.3123-02	.3806-02	583.5	31.30	2.293
59	.94100	.38000	36.000	.6938-01	.8422-01	.3017-02	.3663-02	570.1	21.56	2.255
59	.94900	.80000	39.000	.1725-01	.2087-01	.7501-03	.9076-03	558.4	6.460	.5695
59	.97300	-.13000	40.000	.1023	.1255	.4449-02	.5457-02	604.2	62.39	3.174
59	.97300	.00000	41.000	.7641-01	.9257-01	.3323-02	.4026-02	563.0	22.13	2.507
59	.97300	.18000	42.000	.4547-01	.5511-01	.1977-02	.2396-02	564.0	16.43	1.490
59	1.0000	.10000+00	43.000	.1014-01	.1224-01	.4408-03	.5322-03	550.4	5.365	.3383

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XVII)

.0175 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = .2821-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
56	3.681	40.14	.4385-02	8.000	852.0	1352.	97.95	.8727-01	3.910	3881.	.2405-02	.7882-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
56	.4909-01	.2110-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
56	.70000	.10000+00	1.0000	.3258-01	.3933-01	.1599-02	.1931-02	564.4	18.51	1.259
56	.70000	.30000	2.0000	.2632-01	.3172-01	.1292-02	.1557-02	558.0	10.80	1.025
56	.70000	.50000	3.0000	.2314-01	.2788-01	.1136-02	.1369-02	557.5	9.504	.9020
56	.70000	.70000	4.0000	.1208-01	.1455-01	.5930-03	.7141-03	554.5	4.988	.4727
56	.70000	.90000	5.0000	.7176-02	.8638-02	.3522-03	.4240-03	553.2	3.118	.2813
56	.75000	.00000	6.0000	.6831-01	.8266-01	.3353-02	.4058-02	573.3	31.83	2.610
56	.75000	.10000+00	7.0000	.5050-01	.6099-01	.2479-02	.2994-02	565.7	21.47	1.948
56	.75000	.20000	8.0000	.3434-01	.4139-01	.1685-02	.2032-02	558.6	14.08	1.337
56	.75000	.30000	9.0000	.2692-01	.3244-01	.1322-02	.1592-02	556.3	11.64	1.051
56	.75000	.40000	10.000	.2799-01	.3373-01	.1374-02	.1656-02	558.0	11.49	1.090
56	.75000	.50000	11.000	.2602-01	.3137-01	.1277-02	.1540-02	559.4	11.18	1.012
56	.75000	.70000	12.000	.1215-01	.1463-01	.5965-03	.7183-03	555.0	5.264	.4752
56	.75000	.90000	13.000	.1060-01	.1276-01	.5203-03	.6265-03	554.2	4.598	.4149
56	.80000	.00000	14.000	.6531-01	.7903-01	.3206-02	.3879-02	572.8	30.46	2 497
56	.80000	.20000	16.000	.4602-01	.5551-01	.2259-02	.2725-02	560.7	17.55	1.787
56	.80000	.30000	17.000	.3322-01	.4006-01	.1631-02	.1967-02	560.8	14.24	1.290
56	.80000	.40000	18.000	.3039-01	.3664-01	.1492-02	.1799-02	559.8	13.05	1.181
56	.80000	.50000	19.000	.2770-01	.3339-01	.1359-02	.1639-02	559.0	12.54	1.078
56	.80000	.70000	20.000	.1697-01	.2045-01	.8332-03	.1004-02	556.6	7.332	.6624
56	.80000	.90000	21.000	.1288-01	.1551-01	.6324-03	.7615-03	554.5	5.596	.5041
56	.85000	.00000	22.000	.5795-01	.7023-01	.2844-02	.3447-02	578.8	30.08	2.198
56	.85000	.10000+00	23.000	.4939-01	.5981-01	.2424-02	.2936-02	575.5	25.79	1.882

OH400 (AEDC V41B-65) .0175 VERTICAL/SILTS POD (R4XV11)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
56	.85000	.20000	24.000	.4182-01	.5047-01	.2053-02	.2477-02	562.5	17.03	1.620
56	.85000	.30000	25.000	.3295-01	.3975-01	.1618-02	.1951-02	561.3	14.86	1.279
56	.85000	.50000	27.000	.2925-01	.3529-01	.1436-02	.1732-02	562.7	13.89	1.133
56	.85000	.70000	28.000	.2049-01	.2470-01	.1006-02	.1212-02	558.7	8.818	.7975
56	.90000	.00000	29.000	.6454-01	.7807-01	.3168-02	.3832-02	571.6	27.15	2.471
56	.90000	.30000	31.000	.5118-01	.6188-01	.2512-02	.3038-02	569.8	22.74	1.964
56	.90000	.50000	32.000	.3879-01	.4692-01	.1904-02	.2303-02	571.4	20.41	1.486
56	.90000	.70000	33.000	.2334-01	.2816-01	.1146-02	.1382-02	561.2	10.53	.9058
56	.90000	.90000	34.000	.1543-01	.1859-01	.7573-03	.9125-03	557.0	6.343	.6018
56	.92500	.60000	37.000	.3219-01	.3890-01	.1580-02	.1909-02	567.5	16.05	1.239
56	.93700	.10000+00	35.000	.8105-01	.9854-01	.3979-02	.4837-02	589.8	41.25	3.031
56	.94100	.38000	36.000	.7737-01	.9367-01	.3798-02	.4598-02	575.0	28.13	2.949
56	.94900	.80000	39.000	.1745-01	.2104-01	.8568-03	.1033-02	558.5	7.708	.6796
56	.97300	-.13000	40.000	.9993-01	.1223	.4905-02	.6005-02	613.5	70.84	3.621
56	.97300	.00000	41.000	.7792-01	.9408-01	.3825-02	.4618-02	564.9	26.54	3.009
56	.97300	.18000	42.000	.4835-01	.5840-01	.2373-02	.2867-02	566.0	20.54	1.865
56	1.0000	.10000+00	43.000	.1001-01	.1204-01	.4914-03	.5910-03	549.4	6.257	.3943

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV12)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.2762-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
33	.5080	-4.958	-.4144-02	7.900	100.4	1245.	92.32	.1116-01	.4877	3721.	.3263-03	.7429-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
33	.9867-02	.3278-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
33	.81700	.00000	1.0000	.5640	.6894	.5565-02	.6802-02	560.3	35.07	3.809
33	.81700	.52000-01	2.0000	.1738	.2114	.1715-02	.2086-02	544.9	13.16	1.200
33	.81700	.10400	3.0000	.7655-01	.9290-01	.7553-03	.9166-03	537.3	5.942	.5343
33	.81700	.15600	4.0000	.5685-01	.6894-01	.5609-03	.6802-03	534.9	4.284	.3981
33	.81700	.20900	5.0000	.4439-01	.5381-01	.4380-03	.5309-03	533.3	3.102	.3116
33	.81700	.28700	6.0000	.1863-01	.2256-01	.1838-03	.2226-03	531.0	1.268	.1312
33	.83300	.00000	7.0000	.7395	.9055	.7297-02	.8934-02	565.6	49.64	4.955
33	.83300	.10400	8.0000	.9257-01	.1123	.9134-03	.1108-02	536.7	7.054	.6467
33	.83300	.20900	9.0000	.5551-01	.6726-01	.5477-03	.6637-03	532.6	3.767	.3900
33	.85000	.00000	10.000	.7828	.9585	.7723-02	.9458-02	565.9	52.51	5.243
33	.85000	.52000-01	11.000	.1874	.2278	.1849-02	.2248-02	542.8	14.47	1.298
33	.85000	.10400	12.000	.9257-01	.1123	.9134-03	.1108-02	536.1	6.960	.6472
33	.85000	.15600	13.000	.7483-01	.9069-01	.7383-03	.8948-03	532.9	5.075	.5255
33	.85000	.28700	15.000	.3306-01	.4005-01	.3261-03	.3951-03	531.8	2.316	.2325
33	.86700	.00000	16.000	.8718	1.068	.8602-02	.1054-01	567.2	57.55	5.828
33	.86700	.10400	17.000	.1019	.1235	.1005-02	.1219-02	534.9	7.325	.7134
33	.86700	.20900	18.000	.6316-01	.7550-01	.6231-03	.7548-03	531.2	4.242	.4446
33	.88300	.00000	19.000	.8107	.9931	.7999-02	.9798-02	567.0	59.68	5.420
33	.88300	.52000-01	20.000	.2272	.2759	.2241-02	.2722-02	540.1	15.00	1.579
33	.88300	.10400	21.000	.1026	.1244	.1012-02	.1227-02	533.9	7.324	.7195
33	.88300	.15600	22.000	.7802-01	.9454-01	.7698-03	.9328-03	532.7	5.339	.5481
33	.88300	.20900	23.000	.6024-01	.7298-01	.5944-03	.7200-03	531.5	4.168	.4239

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV12)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
33	.88300	.28700	24.000	.3410-01	.4131-01	.3365-03	.4076-03	531.4	2.381	.2400
33	.90000	.00000	25.000	.7674	.9415	.7572-02	.9290-02	571.7	58.93	5.096
33	.90000	.52000-01	26.000	.2319	.2817	.2288-02	.2779-02	540.8	15.62	1.610
33	.90000	.10400	27.000	.1004	.1217	.9904-03	.1201-02	534.1	7.879	.7038
33	.90000	.15600	28.000	.7353-01	.8910-01	.7255-03	.8791-03	532.5	5.262	.5166
33	.90000	.20900	29.000	.5955-01	.7214-01	.5876-03	.7118-03	531.2	4.312	.4192
33	.91700	.00000	30.000	.7989	.9798	.7883-02	.9668-02	570.6	58.41	5.314
33	.91700	.52000-01	31.000	.2487	.3023	.2454-02	.2983-02	542.8	17.86	1.722
33	.91700	.10400	32.000	.1027	.1245	.1013-02	.1228-02	534.7	8.254	.7191
33	.91700	.15600	33.000	.7322-01	.8870-01	.7224-03	.8752-03	531.6	5.500	.5152
33	.91700	.20900	34.000	.6318-01	.7652-01	.6234-03	.7550-03	530.3	4.647	.4454
33	.93300	.00000	35.000	.9110	1.117	.8989-02	.1[illegible]-01	568.7	59.96	6.076
33	.93300	.52000-01	36.000	.3119	.3792	.3077-02	.3[illegible]-02	543.6	21.75	2.157
33	.93300	.10400	37.000	.1200	.1454	.1184-02	.14[illegible]-02	532.3	9.001	.8435
33	.93300	.20900	39.000	.2919	.3554	.2880-02	.3506-02	548.0	19.56	2.006
33	.95000	.00000	40.000	1.029	1.264	.1016-01	.1247-01	574.4	79.46	6.808
33	.95000	.52000-01	41.000	.4830	.5897	.4765-02	.5818-02	557.0	30.60	3.277
33	.95000	.10400	42.000	.3287	.4006	.3243-02	.3953-02	551.7	23.41	2.247
33	.95000	.15600	43.000	.2575	.3130	.2540-02	.3088-02	542.8	18.07	1.783
33	.95000	.20900	44.000	.1610	.1954	.1589-02	.1928-02	538.1	11.51	1.123
33	.95000	.28700	45.000	.7677-01	.9308-01	.7575-03	.9184-03	534.1	5.605	.5382
33	.95600	.00000	46.000	1.593	1.973	.1572-01	.1947-01	598.2	104.9	10.16

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.2762-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
29	1.010	-4.958	-.4144-02	7.940	204.5	1254.	92.12	.2200-01	.9709	3736.	.6446-03	.7413-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
29	.1394-01	.2334-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
29	.81700	.00000	1.0000	.5203	.6402	.7253-02	.8923-02	584.1	44.19	4.856
29	.81700	.52000-01	2.0000	.1746	.2131	.2434-02	.2970-02	559.1	18.41	1.691
29	.81700	.10400	3.0000	.7550-01	.9179-01	.1052-02	.1279-02	547.2	8.227	.7435
29	.81700	.15600	4.0000	.5537-01	.6726-01	.7718-03	.9376-03	544.6	5.860	.5472
29	.81700	.20900	5.0000	.4425-01	.5370-01	.6167-03	.7486-03	541.8	4.352	.4391
29	.81700	.28700	6.0000	.1792-01	.2173-01	.2498-03	.3029-03	539.1	1.718	.1785
29	.83300	.00000	7.0000	.6890	.8519	.9605-02	.1187-01	597.9	62.09	6.298
29	.83300	.10400	8.0000	.9270-01	.1127	.1292-02	.1571-02	546.8	9.913	.9134
29	.83300	.20900	9.0000	.5609-01	.6807-01	.7818-03	.9488-03	541.2	5.357	.5570
29	.85000	.00000	10.000	.7310	.9043	.1019-01	.1261-01	599.3	65.69	6.668
29	.85000	.52000-01	11.000	.1916	.2336	.2671-02	.3257-02	557.3	20.58	1.860
29	.85000	.10400	12.000	.9278-01	.1128	.1293-02	.1572-02	546.2	9.790	.9150
29	.85000	.15600	13.000	.7553-01	.9170-01	.1053-02	.1278-02	542.6	7.194	.7486
29	.85000	.28700	15.000	.3412-01	.4140-01	.4756-03	.5772-03	540.9	3.362	.3390
29	.86700	.00000	16.000	.8170	1.012	.1139-01	.1410-01	602.6	71.95	7.415
29	.86700	.10400	17.000	.1012	.1229	.1410-02	.1713-02	545.2	10.20	.9991
29	.86700	.20900	18.000	.6234-01	.7564-01	.8689-03	.1054-02	540.9	5.881	.6193
29	.88300	.00000	19.000	.7600	.9412	.1059-01	.1312-01	602.6	74.61	6.897
29	.88300	.52000-01	20.000	.2341	.2854	.3263-02	.3978-02	555.7	21.47	2.278
29	.88300	.10400	21.000	.1026	.1246	.1431-02	.1737-02	543.9	10.28	1.015
29	.88300	.15600	22.000	.7871-01	.9558-01	.1097-02	.1332-02	543.3	7.552	.7794
29	.88300	.20900	23.000	.6062-01	.7357-01	.8450-03	.1025-02	541.5	5.888	.6018

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV12)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
29	.88300	.28700	24.000	.3428-01	.4160-01	.4779-03	.5799-03	541.2	3.361	.3405
29	.90000	.00000	25.000	.7096	.8810	.9891-02	.1228-01	609.2	72.36	6.374
29	.90000	.52000-01	26.000	.2401	.2928	.3347-02	.4081-02	557.1	22.43	2.331
29	.90000	.10400	27.000	.1015	.1234	.1415-02	.1720-02	546.0	11.14	1.001
29	.90000	.15600	28.000	.7327-01	.8897-01	.1021-02	.1240-02	543.4	7.348	.7254
29	.90000	.20900	29.000	.5884-01	.7141-01	.8202-03	.9954-03	541.4	5.977	.5841
29	.91700	.00000	30.000	.7452	.9248	.1039-01	.1289-01	608.3	72.32	6.703
29	.91700	.52000-01	31.000	.2559	.3124	.3567-02	.4355-02	561.1	25.38	2.470
29	.91700	.10400	32.000	.1040	.1265	.1450-02	.1763-02	547.7	11.68	1.024
29	.91700	.15600	33.000	.7191-01	.8731-01	.1002-02	.1217-02	542.7	7.566	.7127
29	.91700	.20900	34.000	.7302-01	.8863-01	.1018-02	.1235-02	541.5	7.522	.7250
29	.93300	.00000	35.000	.8568	1.063	.1194-01	.1481-01	606.4	74.88	7.731
29	.93300	.52000-01	36.000	.3206	.3910	.4469-02	.5461-02	563.9	30.76	3.082
29	.93300	.10400	37.000	.1329	.1615	.1852-02	.2251-02	545.4	13.91	1.312
29	.93300	.20900	39.000	.3037	.3723	.4234-02	.5190-02	573.1	27.75	2.881
29	.95000	.00000	40.000	1.032	1.287	.1438-01	.1794-01	621.0	103.8	9.101
29	.95000	.52000-01	41.000	.4978	.6126	.6940-02	.8539-02	584.5	42.77	4.644
29	.95000	.10400	42.000	.3050	.3740	.4251-02	.5213-02	574.0	29.77	2.889
29	.95000	.15600	43.000	.2398	.2928	.3342-02	.4081-02	561.3	23.23	2.314
29	.95000	.20900	44.000	.1533	.1867	.2136-02	.2603-02	554.0	15.20	1.495
29	.95000	.28700	45.000	.7247-01	.8811-01	.1010-02	.1228-02	547.5	7.380	.7134
29	.95600	.00000	46.000	1.553	1.969	.2164-01	.2744-01	660.5	128.6	12.84

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV12)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.2762-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
22	2.016	-4.984	.5569-06	7.980	437.1	1300.	94.62	.4551-01	2.028	3805.	.1298-02	.7614-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
22	.2027-01	.1651-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
22	.81700	.00000	1.0000	.5454	.6702	.1106-01	.1359-01	601.9	69.58	7.715
22	.81700	.52000-01	2.0000	.1742	.2118	.3532-02	.4294-02	567.5	28.05	2.586
22	.81700	.10400	3.0000	.7282-01	.8809-01	.1476-02	.1786-02	550.1	12.23	1.107
22	.81700	.15600	4.0000	.3754-01	.4533-01	.7612-03	.9190-03	542.7	6.176	.5762
22	.81700	.20900	5.0000	.2297-01	.2772-01	.4658-03	.5620-03	540.4	3.508	.3537
22	.81700	.28700	6.0000	.3062-01	.3699-01	.6208-03	.7501-03	545.4	4.493	.4683
22	.83300	.00000	7.0000	.7209	.8919	.1462-01	.1808-01	621.8	96.54	9.908
22	.83300	.10400	8.0000	.9190-01	.1112	.1863-02	.2255-02	550.9	15.11	1.395
22	.83300	.20900	9.0000	.3320-01	.4005-01	.6732-03	.8119-03	539.1	4.929	.5120
22	.85000	.00000	10.000	.7666	.9495	.1554-01	.1925-01	624.9	102.0	10.49
22	.85000	.52000-01	11.000	.1878	.2281	.3808-02	.4626-02	564.6	30.86	2.799
22	.85000	.10400	12.000	.9315-01	.1127	.1889-02	.2285-02	550.9	15.09	1.414
22	.85000	.15600	13.000	.7146-01	.8630-01	.1449-02	.1750-02	543.9	10.52	1.095
22	.85000	.28700	15.000	.1748-01	.2108-01	.3543-03	.4275-03	539.9	2.671	.2692
22	.86700	.00000	16.000	.8416	1.044	.1706-01	.2117-01	629.8	109.4	11.43
22	.86700	.10400	17.000	.1023	.1238	.2075-02	.2510-02	549.5	15.86	1.557
22	.86700	.20900	18.000	.5828-01	.7035-01	.1182-02	.1426-02	541.9	8.498	.8955
22	.88300	.00000	19.000	.7815	.9696	.1585-01	.1966-01	629.7	113.3	10.62
22	.88300	.52000-01	20.000	.2313	.2809	.4690-02	.5695-02	562.7	32.46	3.456
22	.88300	.10400	21.000	.1025	.1238	.2077-02	.2510-02	546.5	15.82	1.564
22	.88300	.15600	22.000	.7854-01	.9488-01	.1592-02	.1924-02	545.0	11.63	1.202
22	.88300	.20900	23.000	.5862-01	.7076-01	.1188-02	.1435-02	542.1	8.806	.9003

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV12)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
22	.88300	.28700	24.000	.2822-01	.3405-01	.5721-03	.6903-03	540.7	4.287	.4342
22	.90000	.00000	25.000	.7244	.9025	.1469-01	.1830-01	641.1	108.1	9.672
22	.90000	.52000-01	26.000	.2361	.2868	.4787-02	.5815-02	564.4	33.75	3.520
22	.90000	.10400	27.000	.1020	.1233	.2067-02	.2500-02	549.4	17.23	1.551
22	.90000	.15600	28.000	.7410-01	.8952-01	.1502-02	.1815-02	545.0	11.48	1.134
22	.90000	.20900	29.000	.5864-01	.7078-01	.1189-02	.1435-02	542.1	9.213	.9006
22	.91700	.00000	30.000	.7649	.9520	.1551-01	.1930-01	638.2	109.1	10.26
22	.91700	.52000-01	31.000	.2541	.3091	.5152-02	.6268-02	569.8	38.46	3.760
22	.91700	.10400	32.000	.1055	.1277	.2139-02	.2589-02	551.7	18.20	1.600
22	.91700	.15600	33.000	.7162-01	.8648-01	.1452-02	.1753-02	543.6	11.65	1.098
22	.91700	.20900	34.000	.8051-01	.9721-01	.1632-02	.1971-02	543.4	12.80	1.234
22	.93300	.00000	35.000	.8739	1.086	.1772-01	.2203-01	635.2	112.4	11.77
22	.93300	.52000-01	36.000	.3179	.3872	.6446-02	.7850-02	573.3	46.51	4.682
22	.93300	.10400	37.000	.1415	.1712	.2870-02	.3471-02	549.2	22.79	2.154
22	.93300	.20900	39.000	.3201	.3919	.5489-02	.7946-02	590.8	43.91	4.600
22	.95000	.00000	40.000	1.131	1.420	.2292-01	.2879-01	661.9	163.5	14.62
22	.95000	.52000-01	41.000	.5429	.6695	.1101-01	.1357-01	612.5	68.72	7.564
22	.95000	.10400	42.000	.3155	.3862	.6397-02	.7831-02	589.7	46.43	4.542
22	.95000	.15600	43.000	.2373	.2888	.4811-02	.5856-02	571.0	35.03	3.506
22	.95000	.20900	44.000	.1506	.1827	.3053-02	.3705-02	560.4	22.88	2.257
22	.95000	.28700	45.000	.7589-01	.9183-01	.1539-02	.1862-02	550.8	11.90	1.152
22	.95600	.00000	46.000	1.777	2.298	.3602-01	.4658-01	726.4	200.6	20.65

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

.0525 VERTICAL (R4XV13)

PARAMETRIC DATA

MACH = 7.980 BETA = -.4155-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
25	2.012	-4.990	-.4155-02	7.980	436.2	1300.	94.62	.4541-01	2.024	3805.	.1295-02	.7614-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
25	.2025-01	.1653-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
25	.81700	.00000	1.0000	.5619	.6890	.1138-01	.1396-01	595.0	72.58	8.021
25	.81700	.52000-01	2.0000	.1739	.2111	.3522-02	.4276-02	562.2	28.25	2.598
25	.81700	.10400	3.0000	.7321-01	.8844-01	.1483-02	.1791-02	545.2	12.39	1.119
25	.81700	.15600	4.0000	.3743-01	.4513-01	.7582-03	.9141-03	537.8	6.206	.5776
25	.81700	.20900	5.0000	.2306-01	.2779-01	.4671-03	.5628-03	535.3	3.551	.3570
25	.81700	.28700	6.0000	.3160-01	.3812-01	.6400-03	.7721-03	540.0	4.679	.4862
25	.83300	.00000	7.0000	.7256	.8926	.1470-01	.1808-01	605.0	100.3	10.21
25	.83300	.10400	8.0000	.9163-01	.1107	.1856-02	.2243-02	545.9	15.19	1.399
25	.83300	.20900	9.0000	.3308-01	.3984-01	.6699-03	.8069-03	534.1	4.950	.5129
25	.85000	.00000	10.000	.7747	.9539	.1569-01	.1932-01	607.8	106.5	10.86
25	.85000	.52000-01	11.000	.1864	.2261	.3775-02	.4579-02	559.1	30.91	2.796
25	.85000	.10400	12.000	.9306-01	.1124	.1885-02	.2277-02	545.8	15.20	1.421
25	.85000	.15600	13.000	.7133-01	.8603-01	.1445-02	.1742-02	538.8	10.58	1.099
25	.85000	.28700	15.000	.1852-01	.2230-01	.3750-03	.4517-03	534.3	2.856	.2870
25	.86700	.00000	16.000	.8483	1.046	.1718-01	.2118-01	611.9	114.1	11.82
25	.86700	.10400	17.000	.1022	.1235	.2070-02	.2501-02	544.2	15.98	1.564
25	.86700	.20900	18.000	.5891-01	.7100-01	.1193-02	.1438-02	536.4	8.666	.9107
25	.88300	.00000	19.000	.7876	.9712	.1595-01	.1967-01	611.9	118.2	10.97
25	.88300	.52000-01	20.000	.2292	.2779	.4643-02	.5628-02	556.9	32.48	3.449
25	.88300	.10400	21.000	.1021	.1232	.2068-02	.2496-02	541.3	15.91	1.569
25	.88300	.15600	22.000	.7852-01	.9472-01	.1590-02	.1918-02	539.7	11.73	1.209
25	.88300	.20900	23.000	.5847-01	.7047-01	.1184-02	.1427-02	536.7	8.861	.9035

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV13)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
25	.88300	.28700	24.000	.2841-01	.3423-01	.5755-03	.6933-03	534.9	4.359	.4401
25	.90000	.00000	25.000	.7350	.9098	.1489-01	.1843-01	623.3	113.5	10.07
25	.90000	.52000-01	26.000	.2343	.2841	.4745-02	.5754-02	558.4	33.82	3.517
25	.90000	.10400	27.000	.1014	.1225	.2054-02	.2481-02	543.9	17.29	1.552
25	.90000	.15600	28.000	.7417-01	.8947-01	.1502-02	.1812-02	539.5	11.59	1.142
25	.90000	.20900	29.000	.5891-01	.7100-01	.1193-02	.1438-02	536.5	9.340	.9105
25	.91700	.00000	30.000	.7731	.9559	.1566-01	.1936-01	620.2	114.1	10.64
25	.91700	.52000-01	31.000	.2521	.3062	.5106-02	.6201-02	563.5	38.57	3.759
25	.91700	.10400	32.000	.1054	.1273	.2134-02	.2579-02	546.1	18.35	1.608
25	.91700	.15600	33.000	.7149-01	.8620-01	.1448-02	.1746-02	538.1	11.73	1.103
25	.91700	.20900	34.000	.7943-01	.9576-01	.1609-02	.1940-02	537.6	12.74	1.226
25	.93300	.00000	35.000	.8819	1.089	.1786-01	.2206-01	617.2	117.4	12.19
25	.93300	.52000-01	36.000	.3130	.3804	.6339-02	.7705-02	566.5	46.32	4.647
25	.93300	.10400	37.000	.1389	.1678	.2814-02	.3398-02	543.0	22.60	2.129
25	.93300	.20900	38.000	.3239	.3958	.6561-02	.8016-02	583.9	44.98	4.696
25	.95000	.00000	40.000	1.126	1.403	.2281-01	.2842-01	641.1	169.7	15.03
25	.95000	.52000-01	41.000	.5389	.6610	.1091-01	.1339-01	596.3	70.31	7.677
25	.95000	.10400	42.000	.3165	.3867	.6411-02	.7832-02	583.3	47.10	4.593
25	.95000	.15600	43.000	.2386	.2899	.4833-02	.5871-02	564.6	35 61	3.553
25	.95000	.20900	44.000	.1510	.1829	.3059-02	.3704-02	554.0	23.19	2.281
25	.95000	.28700	45.000	.7643-01	.9231-01	.1548-02	.1870-02	544.2	12.12	1.169
25	.95600	.00000	46.000	1.800	2.304	.3645-01	.4666-01	705.6	212.4	21.66

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV14)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.6085-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
32	.5080	.3200-01	-.2426-02	7.900	100.6	1246.	92.40	.1118-01	.4882	3723.	.3265-03	.7435-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
32	.9874-02	.3278-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
32	.81700	.00000	1.0000	.3137	.3824	.3097-02	.3776-02	552.6	19.84	2.147
32	.81700	.52000-01	2.0000	.1175	.1428	.1161-02	.1410-02	542.0	8.973	.8167
32	.81700	.10400	3.0000	.5277-01	.6400-01	.5210-03	.6319-03	536.0	4.115	.3697
32	.81700	.15600	4.0000	.3929-01	.4764-01	.3880-03	.4704-03	534.6	2.969	.2759
32	.81700	.20900	5.0000	.3302-01	.4001-01	.3260-03	.3951-03	533.2	2.313	.2323
32	.81700	.28700	6.0000	.1675-01	.2029-01	.1654-03	.2004-03	531.4	1.142	.1182
32	.83300	.00000	7.0000	.4169	.5093	.4116-02	.5029-02	559.7	28.37	2.824
32	.83300	.10400	8.0000	.6567-01	.7964-01	.6484-03	.7863-03	535.4	5.027	.4605
32	.83300	.20900	9.0000	.4081-01	.4945-01	.4030-03	.4883-03	532.3	2.777	.2875
32	.85000	.00000	10.000	.4659	.5696	.4600-02	.5624-02	561.3	31.61	3.148
32	.85000	.52000-01	11.000	.1373	.1668	.1356-02	.1647-02	540.8	10.66	.9559
32	.85000	.10400	12.000	.6809-01	.8257-01	.6724-03	.8153-03	535.0	5.141	.4778
32	.85000	.15600	13.000	.5458-01	.6614-01	.5390-03	.6531-03	532.9	3.710	.3842
32	.85000	.28700	15.000	.2643-01	.3202-01	.2610-03	.3162-03	532.2	1.855	.1862
32	.86700	.00000	16.000	.5480	.6705	.5411-02	.6621-02	563.9	36.49	3.689
32	.86700	.10400	17.000	.7583-01	.9192-01	.7488-03	.9076-03	534.0	5.473	.5329
32	.86700	.20900	18.000	.4544-01	.5505-01	.4487-03	.5435-03	531.4	3.058	.3205
32	.88300	.00000	19.000	.5535	.6769	.5465-02	.6684-02	562.5	41.20	3.734
32	.88300	.52000-01	20.000	.1751	.2126	.1729-02	.2099-02	539.6	11.60	1.221
32	.88300	.10400	21.000	.7785-01	.9436-01	.7697-03	.9317-03	533.5	5.573	.5474
32	.88300	.15600	22.000	.5942-01	.7200-01	.5867-03	.7109-03	532.4	4.077	.4185
32	.88300	.20900	23.000	.4567-01	.5533-01	.4510-03	.5463-03	531.8	3.165	.3219

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV14)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
32	.88300	.28700	24.000	.2562-01	.3103-01	.2529-03	.3064-03	531.5	1.792	.1806
32	.90000	.00000	25.000	.5284	.6472	.5218-02	.6390-02	566.8	41.06	3.542
32	.90000	.52000-01	26.000	.1810	.2199	.1787-02	.2171-02	540.5	12.23	1.260
32	.90000	.10400	27.000	.7773-01	.9424-01	.7675-03	.9306-03	534.6	6.108	.5458
32	.90000	.15600	28.000	.5535-01	.6732-01	.5485-03	.6647-03	532.9	3.981	.3910
32	.90000	.20900	29.000	.4544-01	.5504-01	.4486-03	.5434-03	531.6	3.294	.3203
32	.91700	.00000	30.000	.5639	.6906	.5568-02	.6819-02	566.7	41.64	3.781
32	.91700	.52000-01	31.000	.1961	.2383	.1936-02	.2353-02	542.6	14.12	1.361
32	.91700	.10400	32.000	.8032-01	.9740-01	.7931-03	.9618-03	535.4	6.464	.5633
32	.91700	.15600	33.000	.5665-01	.6863-01	.5594-03	.6777-03	531.9	4.262	.3993
32	.91700	.20900	34.000	.4739-01	.5740-01	.4680-03	.5668-03	531.2	3.487	.3343
32	.93300	.00000	35.000	.6557	.8029	.6475-02	.7927-02	566.0	43.48	4.401
32	.93300	.52000-01	36.000	.2427	.2950	.2396-02	.2913-02	543.0	16.98	1.684
32	.93300	.10400	37.000	.9730-01	.1179	.9607-03	.1165-02	534.0	7.291	.6837
32	.93300	.20900	39.000	.1989	.2419	.1964-02	.2388-02	544.1	13.46	1.378
32	.95000	.00000	40.000	.7838	.9622	.7739-02	.9501-02	573.9	60.70	5.199
32	.95000	.52000-01	41.000	.3812	.4650	.3764-02	.4591-02	554.7	24.32	2.601
32	.95000	.10400	42.000	.2629	.3205	.2596-02	.3165-02	552.7	18.73	1.799
32	.95000	.15600	43.000	.2231	.2714	.2203-02	.2680-02	545.9	15.59	1.541
32	.95000	.20900	44.000	.1443	.1752	.1425-02	.1730-02	539.6	10.31	1.006
32	.95000	.28700	45.000	.6525-01	.7911-01	.6443-03	.7812-03	534.6	4.770	.4581
32	.95600	.00000	46.000	1.212	1.501	.1197-01	.1482-01	598.4	79.97	7.746

OH400 (AEDC V418-65) .0525 VERTICAL/SILTS POD (R4XV14)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.8085-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
28	1.019	.3000-01	.3255-06	7.940	206.0	1252.	91.98	.2216-01	.9780	3733.	.6503-03	.7401-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
28	.1399-01	.2324-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
28	.81700	.00000	1.0000	.3137	.3837	.4388-02	.5367-02	565.5	27.65	3.011
28	.81700	.52000-01	2.0000	.1144	.1393	.1600-02	.1948-02	550.9	12.27	1.122
28	.81700	.10400	3.0000	.4987-01	.6057-01	.6975-03	.8472-03	543.1	5.481	.4943
28	.81700	.15600	4.0000	.3479-01	.4222-01	.4865-03	.5906-03	541.1	3.708	.3457
28	.81700	.20900	5.0000	.2739-01	.3323-01	.3831-03	.4648-03	539.4	2.708	.2729
28	.81700	.28700	6.0000	.1297-01	.1573-01	.1815-03	.2201-03	537.9	1.248	.1295
28	.83300	.00000	7.0000	.4244	.5204	.5936-02	.7279-02	572.9	40.22	4.029
28	.83300	.10400	8.0000	.6358-01	.7721-01	.8892-03	.1080-02	542.9	6.853	.6302
28	.83300	.20900	9.0000	.3698-01	.4486-01	.5172-03	.6274-03	538.8	3.550	.3687
28	.85000	.00000	10.000	.4701	.5769	.6575-02	.8069-02	575.6	44.31	4.445
28	.85000	.52000-01	11.000	.1338	.1629	.1871-02	.2278-02	550.6	14.57	1.312
28	.85000	.10400	12.000	.6661-01	.8089-01	.9316-03	.1131-02	542.9	7.077	.6603
28	.85000	.15600	13.000	.5276-01	.6401-01	.7380-03	.8953-03	539.4	5.060	.5257
28	.85000	.28700	15.000	.2456-01	.2979-01	.3435-03	.4167-03	539.1	2.430	.2448
28	.86700	.00000	16.000	.5539	.6806	.7747-02	.9520-02	579.6	51.10	5.207
28	.86700	.10400	17.000	.7491-01	.9095-01	.1048-02	.1272-02	542.1	7.606	.7435
28	.86700	.20900	18.000	.4518-01	.5480-01	.6319-03	.7664-03	538.3	4.286	.4508
28	.88300	.00000	19.000	.5406	.6647	.7560-02	.9296-02	581.4	55.41	5.068
28	.88300	.52000-01	20.000	.1693	.2060	.2368-02	.2881-02	548.8	15.74	1.665
28	.88300	.10400	21.000	.7686-01	.9331-01	.1075-02	.1305-02	541.5	7.741	.7635
28	.88300	.15600	22.000	.5864-01	.7116-01	.8202-03	.9953-03	540.2	5.664	.5836
28	.88300	.20900	23.000	.4535-01	.5501-01	.6342-03	.7693-03	538.9	4.429	.4521

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV14)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
28	.88300	.28700	24.000	.2532-01	.3071-01	.3541-03	.4296-03	538.9	2.495	.2524
28	.90000	.00000	25.000	.5186	.6390	.7253-02	.8937-02	587.5	55.27	4.817
28	.90000	.52000-01	26.000	.1765	.2148	.2468-02	.3004-02	550.0	16.72	1.732
28	.90000	.10400	27.000	.7542-01	.9157-01	.1055-02	.1281-02	542.0	8.346	.7485
28	.90000	.15600	28.000	.5486-01	.6658-01	.7674-03	.9312-03	540.3	5.539	.5459
28	.90000	.20900	29.000	.4433-01	.5377-01	.6200-03	.7520-03	538.8	4.529	.4420
28	.91700	.00000	30.000	.5517	.6800	.7717-02	.9510-02	587.9	55.82	5.122
28	.91700	.52000-01	31.000	.1908	.2324	.2668-02	.3251-02	553.1	19.22	1.864
28	.91700	.10400	32.000	.7781-01	.9451-01	.1088-02	.1322-02	543.2	8.813	.7710
28	.91700	.15600	33.000	.5522-01	.6700-01	.7724-03	.9371-03	539.6	5.849	.5500
28	.91700	.20900	34.000	.4835-01	.5865-01	.6763-03	.8203-03	538.6	5.011	.4822
28	.93300	.00000	35.000	.6420	.7911	.8980-02	.1106-01	587.3	58.33	5.966
28	.93300	.52000-01	36.000	.2393	.2917	.3347-02	.4081-02	555.4	23.36	2.330
28	.93300	.10400	37.000	.9595-01	.1165	.1342-02	.1629-02	541.7	10.12	.9529
28	.93300	.20900	39.000	.2153	.2628	.3011-02	.3676-02	559.5	20.21	2.084
28	.95000	.00000	40.000	.7858	.9727	.1099-01	.1360-01	600.1	82.53	7.162
28	.95000	.52000-01	41.000	.3870	.4744	.5413-02	.6636-02	572.7	34.05	3.675
28	.95000	.10400	42.000	.2539	.3109	.3551-02	.4348-02	569.4	25.02	2.423
28	.95000	.15600	43.000	.2129	.2599	.2978-02	.3634-02	558.7	20.75	2.064
28	.95000	.20900	44.000	.1364	.1662	.1908-02	.2324-02	551.8	13.60	1.336
28	.95000	.28700	45.000	.6064-01	.7371-01	.8482-03	.1031-02	545.6	6.200	.5988
28	.95600	.00000	46.000	1.211	1.521	.1694-01	.2128-01	636.9	105.5	10.42

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.8085-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
21	2.027	.6000-02	.3266-06	7.980	435.8	1293.	94.11	.4537-01	2.022	3795.	.1301-02	.7573-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
21	.2023-01	.1648-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
21	.81700	.00000	1.0000	.3270	.3991	.6614-02	.8071-02	576.9	43.22	4.734
21	.81700	.52000-01	2.0000	.1081	.1311	.2185-02	.2652-02	558.0	17.50	1.606
21	.81700	.10400	3.0000	.4545-01	.5500-01	.9193-03	.1112-02	547.9	7.573	.6846
21	.81700	.15600	4.0000	.2651-01	.3204-01	.5361-03	.6480-03	543.7	4.301	.4015
21	.81700	.20900	5.0000	.1793-01	.2166-01	.3626-03	.4380-03	542.1	2.697	.2721
21	.81700	.28700	6.0000	.1325-01	.1601-01	.2680-03	.3239-03	542.9	1.931	.2010
21	.83300	.00000	7.0000	.4295	.5263	.8687-02	.1065-01	590.1	60.39	6.103
21	.83300	.10400	8.0000	.6003-01	.7263-01	.1214-02	.1469-02	547.8	9.809	.9043
21	.83300	.20900	9.0000	.2673-01	.3229-01	.5406-03	.6531-03	542.2	3.900	.4057
21	.85000	.00000	10.000	.4838	.5938	.9785-02	.1201-01	595.0	67.40	6.827
21	.85000	.52000-01	11.000	.1292	.1569	.2614-02	.3173-02	559.3	21.19	1.917
21	.85000	.10400	12.000	.6436-01	.7789-01	.1302-02	.1575-02	548.6	10.35	.9686
21	.85000	.15600	13.000	.4921-01	.5949-01	.9953-03	.1203-02	544.5	7.148	.7446
21	.85000	.28700	15.000	.1871-01	.2261-01	.3784-03	.4573-03	542.7	2.812	.2838
21	.86700	.00000	16.000	.5748	.7072	.1163-01	.1430-01	602.0	77.95	8.031
21	.86700	.10400	17.000	.7442-01	9006-01	.1505-02	.1822-02	548.3	11.42	1.120
21	.86700	.20900	18.000	.4237-01	.5120-01	.8569-03	.1036-02	543.2	6.091	.6423
21	.88300	.00000	19.000	.5544	.6826	.1121-01	.1381-01	604.3	83.44	7.719
21	.88300	.52000-01	20.000	.1691	.2052	.3420-02	.4151-02	559.2	23.60	2.508
21	.88300	.10400	21.000	.7620-01	.9218-01	.1541-02	.1864-02	547.2	11.62	1.149
21	.88300	.15600	22.000	.5860-01	.7086-01	.1185-02	.1433-02	545.4	8.574	.8858
21	.88300	.20900	23.000	.4369-01	.5281-01	.8837-03	.1068-02	544.1	6.464	.6615

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV14)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
21	.88300	.28700	24.000	.2190-01	.2646-01	.4429-03	.5352-03	543.1	3.274	.3320
21	.90000	.00000	25.000	.5288	.6531	.1070-01	.1321-01	613.7	82.26	7.262
21	.90000	.52000-01	26.000	.1745	.2119	.3529-02	.4286-02	560.8	24.81	2.583
21	.90000	.10400	27.000	.7579-01	.9174-01	.1533-02	.1855-02	549.3	12.66	1.140
21	.90000	.15600	28.000	.5472-01	.6616-01	.1107-02	.1338-02	545.2	8.372	.8272
21	.90000	.20900	29.000	.4368-01	.5279-01	.8834-03	.1068-02	543.9	6.760	.6614
21	.91700	.00000	30.000	.5634	.6959	.1139-01	.1407-01	613.8	83.23	7.735
21	.91700	.52000-01	31.000	.1889	.2297	.3820-02	.4645-02	565.2	28.49	2.779
21	.91700	.10400	32.000	.7810-01	.9458-01	.1580-02	.1913-02	551.0	13.34	1.172
21	.91700	.15600	33.000	.5429-01	.6563-01	.1098-02	.1327-02	544.3	8.717	.8218
21	.91700	.20900	34.000	.5406-01	.6533-01	.1093-02	.1321-02	543.5	8.489	.8191
21	.93300	.00000	35.000	.6511	.8039	.1317-01	.1626-01	612.7	86.47	8.955
21	.93300	.52000-01	36.000	.2353	.2862	.4758-02	.5788-02	566.4	34.45	3.456
21	.93300	.10400	37.000	.9986-01	.1208	.2020-02	.2444-02	548.0	15.92	1.504
21	.93300	.20900	39.000	.2254	.2751	.4559-02	.5565-02	577.5	31.33	3.260
21	.95000	.00000	40.000	.8320	1.035	.1683-01	.2094-01	634.6	125.5	11.07
21	.95000	.52000-01	41.000	.4067	.4996	.8226-02	.1010-01	597.5	52.33	5.718
21	.95000	.10400	42.000	.2509	.3071	.5075-02	.6211-02	585.7	36.75	3.588
21	.95000	.15600	43.000	.2069	.2522	.4185-02	.5100-02	572.6	30.08	3.014
21	.95000	.20900	44.000	.1318	.1601	.2666-02	.3238-02	561.2	19.76	1.950
21	.95000	.28700	45.000	.6137-01	.7435-01	.1241-02	.1504-02	552.4	9.480	.9187
21	.95600	.00000	46.000	1.358	1.733	.2747-01	.3504-01	694.4	162.0	16.43

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.980 BETA = .3267-06

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-P	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
24	2.022	.4000-02	.3267-06	7.980	436.9	1297.	94.40	.4549-01	2.028	3801.	.1300-02	.7596-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
24	.2026-01	.1649-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
24	.81700	.00000	1.0000	.3209	.3912	.6503-02	.7926-02	574.4	42.94	4.697
24	.81700	.52000-01	2.0000	.1099	.1331	.2227-02	.2698-02	554.0	18.06	1.654
24	.81700	.10400	3.0000	.4565-01	.5514-01	.9250-03	.1117-02	543.1	7.730	.6971
24	.81700	.15600	4.0000	.2691-01	.3247-01	.5454-03	.6578-03	538.3	4.442	.4136
24	.81700	.20900	5.0000	.1823-01	.2198-01	.3695-03	.4454-03	536.4	2.792	.2809
24	.81700	.28700	6.0000	.1389-01	.1674-01	.2814-03	.3392-03	536.2	2.063	.2140
24	.83300	.00000	7.0000	.4153	.5069	.8415-02	.1027-01	578.7	60.13	6.042
24	.83300	.10400	8.0000	.6019-01	.7269-01	.1220-02	.1473-02	542.2	10.01	.9202
24	.83300	.20900	9.0000	.2698-01	.3252-01	.5467-03	.6589-03	535.5	4.013	.4161
24	.85000	.00000	10.000	.4718	.5767	.9560-02	.1168-01	583.5	67.69	6.817
24	.85000	.52000-01	11.000	.1310	.1587	.2655-02	.3217-02	554.1	21.85	1.971
24	.85000	.10400	12.000	.6450-01	.7790-01	.1307-02	.1578-02	542.6	10.56	.9855
24	.85000	.15600	13.000	.4941-01	.5960-01	.1001-02	.1208-02	538.3	7.313	.7593
24	.85000	.28700	15.000	.1811-01	.2183-01	.3670-03	.4424-03	536.1	2.775	.2791
24	.86700	.00000	16.000	.5586	.6843	.1132-01	.1386-01	590.6	78.01	7.992
24	.86700	.10400	17.000	.7408-01	.8945-01	.1501-02	.1812-02	542.1	11.59	1.133
24	.86700	.20900	18.000	.4278-01	.5158-01	.8668-03	.1045-02	536.6	6.269	.6588
24	.88300	.00000	19.000	.5416	.6639	.1097-01	.1345-01	592.9	83.94	7.722
24	.88300	.52000-01	20.000	.1709	.2070	.3462-02	.4194-02	553.5	24.28	2.573
24	.88300	.10400	21.000	.7684-01	.9275-01	.1557-02	.1879-02	540.7	11.94	1.177
24	.88300	.15600	22.000	.5869-01	.7080-01	.1189-02	.1435-02	538.7	8.753	.9013
24	.88300	.20900	23.000	.4403-01	.5310-01	.8922-03	.1076-02	537.4	6.642	.6774

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV15)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
24	.88300	.28700	24.000	.2191-01	.2642-01	.4440-03	.5352-03	536.1	3.342	.3377
24	.90000	.00000	25.000	.5154	.6337	.1044-01	.1284-01	601.8	82.68	7.257
24	.90000	.52000-01	26.000	.1759	.2131	.3564-02	.4319-02	555.0	25.46	2.643
24	.90000	.10400	27.000	.7571-01	.9144-01	.1534-02	.1853-02	542.8	12.89	1.156
24	.90000	.15600	28.000	.5530-01	.6671-01	.1121-02	.1352-02	538.6	8.626	.8495
24	.90000	.20900	29.000	.4404-01	.5310-01	.8923-03	.1076-02	537.1	6.950	.6777
24	.91700	.00000	30.000	.5495	.6757	.1113-01	.1369-01	602.1	83.70	7.734
24	.91700	.52000-01	31.000	.1908	.2315	.3866-02	.4691-02	559.6	29.29	2.849
24	.91700	.10400	32.000	.7901-01	.9547-01	.1601-02	.1934-02	544.6	13.75	1.204
24	.91700	.15600	33.000	.5454-01	.6577-01	.1105-02	.1333-02	537.5	8.929	.8389
24	.91700	.20900	34.000	.5484-01	.6613-01	.1111-02	.1340-02	536.7	8.784	.8445
24	.93300	.00000	35.000	.6355	.7812	.1288-01	.1583-01	601.3	86.94	8.954
24	.93300	.52000-01	36.000	.2385	.2895	.4832-02	.5866-02	560.9	35.54	3.555
24	.93300	.10400	37.000	.1003	.1210	.2031-02	.2452-02	541.6	16.29	1.534
24	.93300	.20900	39.000	.2245	.2734	.4548-02	.5539-02	571.9	31.76	3.296
24	.95000	.00000	40.000	.8151	1.010	.1652-01	.2046-01	624.7	126.4	11.10
24	.95000	.52000-01	41.000	.4009	.4902	.8124-02	.9932-02	584.3	53.31	5.787
24	.95000	.10400	42.000	.2501	.3054	.5067-02	.6187-02	580.7	37.25	3.627
24	.95000	.15600	43.000	.2068	.2514	.4189-02	.5095-02	566.8	30.61	3.058
24	.95000	.20900	44.000	.1327	.1608	.2689-02	.3259-02	554.6	20.29	1.996
24	.95000	.28700	45.000	.6134-01	.7412-01	.1243-02	.1502-02	544.8	9.678	.9344
24	.95600	.00000	46.000	1.315	1.670	.2664-01	.3384-01	686.9	160.7	16.25

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV16)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.980 BETA = .6848-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
19	2.009	5.038	.6848-03	7.980	435.9	1301.	94.69	.4538-01	2.023	3807.	.1294-02	.7620-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
19	.2025-01	.1654-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
19	.81700	.00000	1.0000	.4060	.4937	.8221-02	.9996-02	568.5	55.19	6.019
19	.81700	.52000-01	2.0000	.9467-01	.1143	.1917-02	.2315-02	544.0	15.92	1.451
19	.81700	.10400	3.0000	.5229-01	.6307-01	.1059-02	.1277-02	539.6	8.953	.8059
19	.81700	.15600	4.0000	.3698-01	.4461-01	.7489-03	.9034-03	540.2	6.112	.5695
19	.81700	.20900	5.0000	.2903-01	.3501-01	.5879-03	.7089-03	538.8	4.447	.4479
19	.81700	.28700	6.0000	.1559-01	.1879-01	.3157-03	.3804-03	535.9	2.328	.2415
19	.83300	.00000	7.0000	.4425	.5388	.8960-02	.1091-01	573.4	65.02	6.516
19	.83300	.10400	8.0000	.5445-01	.6567-01	.1103-02	.1330-02	539.4	9.143	.8394
19	.83300	.20900	9.0000	.3408-01	.4108-01	.6901-03	.8319-03	537.3	5.076	.5268
19	.85000	.00000	10.000	.4050	.4927	.8200-02	.9976-02	569.9	59.90	5.992
19	.85000	.52000-01	11.000	.8422-01	.1016	.1705-02	.2058-02	542.0	14.43	1.294
19	.85000	.10400	12.000	.5081-01	.6128-01	.1029-02	.1241-02	539.2	8.412	.7834
19	.85000	.15600	13.000	.4358-01	.5253-01	.8825-03	.1064-02	537.7	6.486	.6733
19	.85000	.28700	15.000	.2079-01	.2505-01	.4209-03	.5072-03	536.4	3.197	.3217
19	.86700	.00000	16.000	.4142	.5038	.8388-02	.1020-01	569.4	60.50	6.133
19	.86700	.10400	17.000	.5245-01	.6323-01	.1062-02	.1280-02	537.7	8.309	.8105
19	.86700	.20900	18.000	.3473-01	.4186-01	.7034-03	.8476-03	536.1	5.119	.5378
19	.88300	.00000	19.000	.3658	.4447	.7407-02	.9005-02	568.0	59.73	5.427
19	.88300	.52000-01	20.000	.9578-01	.1155	.1940-02	.2340-02	540.3	14.01	1.475
19	.88300	.10400	21.000	.5201-01	.6267-01	.1053-02	.1269-02	536.4	8.182	.8049
19	.88300	.15600	22.000	.4071-01	.4907-01	.8243-03	.9937-03	537.6	6.113	.6290
19	.88300	.20900	23.000	.3154-01	.3801-01	.6387-03	.7697-03	536.5	4.787	.4881

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV16)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
19	.88300	.28700	24.000	.1875-01	.2259-01	.3797-03	.4575-03	535.8	2.875	.2904
19	.90000	.00000	25.000	.3627	.4420	.7344-02	.8951-02	576.1	61.40	5.322
19	.90000	.52000-01	26.000	.9854-01	.1189	.1995-02	.2407-02	540.3	14.72	1.517
19	.90000	.10400	27.000	.5234-01	.6310-01	.1060-02	.1278-02	537.8	9.035	.8085
19	.90000	.15600	28.000	.3909-01	.4713-01	.7916-03	.9543-03	537.5	6.138	.6041
19	.90000	.20900	29.000	.3157-01	.3804-01	.6393-03	.7704-03	535.9	5.017	.4889
19	.91700	.00000	30.000	.3940	.4804	.7979-02	.9727-02	577.2	63.24	5.772
19	.91700	.52000-01	31.000	.1119	.1350	.2265-02	.2734-02	542.4	17.82	1.718
19	.91700	.10400	32.000	.5469-01	.6595-01	.1107-02	.1335-02	539.0	9.660	.8434
19	.91700	.15600	33.000	.3878-01	.4674-01	.7853-03	.9465-03	536.6	6.390	.6001
19	.91700	.20900	34.000	.3241-01	.3904-01	.6562-03	.7906-03	535.3	5.227	.5022
19	.93300	.00000	35.000	.4628	.5644	.9372-02	.11[illegible]3-01	577.8	66.55	6.775
19	.93300	.52000-01	36.000	.1374	.1658	.2782-02	.3358-02	542.1	21.29	2.110
19	.93300	.10400	37.000	.5352-01	.6449-01	.1084-02	.1306-02	535.9	8.830	.8289
19	.93300	.20900	39.000	.1468	.1773	.2974-02	.3590-02	543.3	22.01	2.252
19	.95000	.00000	40.000	.5494	.6714	.1113-01	.1360-01	584.7	92.49	7.965
19	.95000	.52000-01	41.000	.2791	.3377	.5652-02	.6839-02	551.0	39.69	4.237
19	.95000	.10400	42.000	.2382	.2887	.4823-02	.5846-02	557.4	37.24	3.585
19	.95000	.15600	43.000	.1902	.2300	.3852-02	.4657-02	547.8	29.31	2.900
19	.95000	.20900	44.000	.1216	.1467	.2462-02	.2972-02	542.5	19.09	1.867
19	.95000	.28700	45.000	.7056-01	.8512-01	.1429-02	.1724-02	540.1	11.28	1.087
19	.95600	.00000	46.000	1.045	1.304	.2116-01	.2641-01	646.3	139.7	13.85

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV17)

.0525 VERTICAL PARAMETRIC DATA

MACH = 7.940 BETA = -.6886-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
31	.5054	5.014	-.6931-03	7.900	100.2	1247.	92.47	.1113-01	.4863	3724.	.3249-03	.7441-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
31	.9856-02	.3286-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
31	.81700	.00000	1.0000	.3977	.4848	.3920-02	.4778-02	552.3	25.16	2.722
31	.81700	.52000-01	2.0000	.1223	.1485	.1205-02	.1464-02	541.0	9.346	.8504
31	.81700	.10400	3.0000	.5469-01	.6632-01	.5390-03	.6536-03	535.6	4.267	.3833
31	.81700	.15600	4.0000	.4181-01	.5068-01	.4120-03	.4995-03	534.4	3.159	.2935
31	.81700	.20900	5.0000	.3815-01	.4623-01	.3760-03	.4556-03	533.3	2.670	.2682
31	.81700	.28700	6.0000	.2357-01	.2854-01	.2323-03	.2813-03	531.9	1.604	.1660
31	.83300	.00000	7.0000	.4474	.5461	.4410-02	.5382-02	556.8	30.60	3.042
31	.83300	.10400	8.0000	.6390-01	.7750-01	.6298-03	.7638-03	535.8	4.886	.4477
31	.83300	.20900	9.0000	.4306-01	.5217-01	.4243-03	.5141-03	532.9	2.925	.3029
31	.85000	.00000	10.000	.4173	.5092	.4113-02	.5018-02	555.8	28.60	2.841
31	.85000	.52000-01	11.000	.1148	.1394	.1131-02	.1373-02	539.9	8.925	.7995
31	.85000	.10400	12.000	.5826-01	.7064-01	.5742-03	.6962-03	535.6	4.392	.4083
31	.85000	.15600	13.000	.4933-01	.5979-01	.4862-03	.5893-03	533.8	3.346	.3466
31	.85000	.28700	15.000	.2676-01	.3242-01	.2638-03	.3195-03	532.2	1.877	.1884
31	.86700	.00000	16.000	.4016	.4900	.3958-02	.4829-02	555.1	27.20	2.738
31	.86700	.10400	17.000	.6025-01	.7303-01	.5938-03	.7198-03	534.3	4.344	.4230
31	.86700	.20900	18.000	.3806-01	.4609-01	.3751-03	.4543-03	531.5	2.559	.2682
31	.88300	.00000	19.000	.3524	.4299	.3474-02	.4237-02	554.7	26.63	2.404
31	.88300	.52000-01	20.000	.1278	.1551	.1260-02	.1529-02	538.3	8.483	.8922
31	.88300	.10400	21.000	.5941-01	.7200-01	.5855-03	.7097-03	533.9	4.248	.4173
31	.88300	.15600	22.000	.4667-01	.5655-01	.4599-03	.5573-03	533.0	3.197	.3282
31	.88300	.20900	23.000	.3520-01	.4263-01	.3469-03	.4201-03	531.5	2.440	.2481

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV17)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
31	.88300	.28700	24.000	.1942-01	.2352-01	.1914-03	.2318-03	530.4	1.361	.1371
31	.90000	.00000	25.000	.3304	.4034	.3256-02	.3976-02	558.0	26.11	2.243
31	.90000	.52000-01	26.000	.1323	.1606	.1304-02	.1583-02	538.9	8.963	.9229
31	.90000	.10400	27.000	.5840-01	.7080-01	.5756-03	.6978-03	534.5	4.589	.4100
31	.90000	.15600	28.000	.4215-01	.5107-01	.4155-03	.5033-03	532.6	3.022	.2967
31	.90000	.20900	29.000	.3438-01	.4164-01	.3389-03	.4104-03	531.2	2.494	.2425
31	.91700	.00000	30.000	.3666	.4477	.3614-02	.4413-02	558.4	27.51	2.487
31	.91700	.52000-01	31.000	.1437	.1745	.1417-02	.1720-02	540.4	10.39	1.000
31	.91700	.10400	32.000	.6097-01	.7392-01	.6009-03	.7285-03	534.8	4.910	.4278
31	.91700	.15600	33.000	.4357-01	.5277-01	.4294-03	.5201-03	532.1	3.275	.3068
31	.91700	.20900	34.000	.3567-01	.4319-01	.3515-03	.4256-03	530.6	2.626	.2517
31	.93300	.00000	35.000	.4384	.5354	.4320-02	.5277-02	558.7	29.47	2.972
31	.93300	.52000-01	36.000	.1808	.2197	.1782-02	.2165-02	541.5	12.69	1.257
31	.93300	.10400	37.000	.7270-01	.8811-01	.7166-03	.8684-03	533.7	5.448	.5109
31	.93300	.20900	39.000	.1275	.1547	.1257-02	.1525-02	538.1	8.727	.8904
31	.95000	.00000	40.000	.5557	.6796	.5477-02	.6698-02	562.8	43.97	3.746
31	.95000	.52000-01	41.000	.2831	.3447	.2790-02	.3398-02	549.2	18.25	1.946
31	.95000	.10400	42.000	.2038	.2484	.2009-02	.2448-02	551.4	14.56	1.397
31	.95000	.15600	43.000	.1902	.2313	.1874-02	.2279-02	545.6	13.30	1.314
31	.95000	.20900	44.000	.1350	.1639	.1331-02	.1615-02	539.5	9.638	.9410
31	.95000	.28700	45.000	.6510-01	.7892-01	.6417-03	.7778-03	534.4	4.759	.4570
31	.95600	.00000	46.000	.9172	1.131	.9040-02	.1115-01	587.6	61.84	5.958

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV17)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.6886-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
27	1.023	5.034	-.6861-03	7.940	206.3	1250.	91.83	.2219-01	.9794	3730.	.6523-03	.7389-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
27	.1399-01	.2320-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
27	.81700	.00000	1.0000	.3692	.4516	.5166-02	.6320-02	565.0	32.49	3.537
27	.81700	.52000-01	2.0000	.1171	.1425	.1638-02	.1994-02	549.6	12.55	1.147
27	.81700	.10400	3.0000	.5024-01	.6102-01	.7030-03	.8539-03	542.4	5.516	.4972
27	.81700	.15600	4.0000	.3887-01	.4719-01	.5440-03	.6604-03	540.7	4.138	.3857
27	.81700	.20900	5.0000	.3429-01	.4162-01	.4798-03	.5824-03	540.2	3.377	.3404
27	.81700	.28700	6.0000	.2212-01	.2684-01	.3096-03	.3756-03	538.6	2.120	.2201
27	.83300	.00000	7.0000	.4401	.5392	.6158-02	.7544-02	569.5	41.87	4.188
27	.83300	.10400	8.0000	.6003-01	.7293-01	.8399-03	.1020-02	543.3	6.450	.5933
27	.83300	.20900	9.0000	.3890-01	.4722-01	.5444-03	.6607-03	540.1	3.716	.3862
27	.85000	.00000	10.000	.3910	.4791	.5471-02	.6704-02	570.2	37.15	3.717
27	.85000	.52000-01	11.000	.1069	.1301	.1496-02	.1820-02	548.6	11.65	1.049
27	.85000	.10400	12.000	.5465-01	.6639-01	.7647-03	.9290-03	543.0	5.791	.5404
27	.85000	.15600	13.000	.4593-01	.5575-01	.6427-03	.7802-03	540.4	4.385	.4558
27	.85000	.28700	15.000	.2481-01	.3011-01	.3472-03	.4213-03	539.4	2.447	.2466
27	.86700	.00000	16.000	.3826	.4689	.5354-02	.6561-02	570.1	35.88	3.639
27	.86700	.10400	17.000	.5653-01	.6866-01	.7910-03	.9607-03	542.4	5.722	.5595
27	.86700	.20900	18.000	.3444-01	.4179-01	.4819-03	.5848-03	539.3	3.253	.3423
27	.88300	.00000	19.000	.3412	.4181	.4774-02	.5850-02	570.4	35.65	3.243
27	.88300	.52000-01	20.000	.1225	.1490	.1714-02	.2085-02	547.7	11.38	1.203
27	.88300	.10400	21.000	.5658-01	.6871-01	.7917-03	.9614-03	542.0	5.679	.5603
27	.88300	.15600	22.000	.4296-01	.5215-01	.6011-03	.7297-03	540.7	4.135	.4262
27	.88300	.20900	23.000	.3341-01	.4055-01	.4676-03	.5674-03	539.6	3.251	.3320

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV17)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
27	.88300	.28700	24.000	.1827-01	.2216-01	.2556-03	.3101-03	538.6	1.798	.1817
27	.90000	.00000	25.000	.3245	.3983	.4541-02	.5574-02	575.3	35.35	3.063
27	.90000	.52000-01	26.000	.1273	.1549	.1781-02	.2167-02	548.9	12.06	1.248
27	.90000	.10400	27.000	.5617-01	.6824-01	.7859-03	.9548-03	543.2	6.188	.5552
27	.90000	.15600	28.000	.4029-01	.4892-01	.5638-03	.6845-03	540.5	4.056	.3998
27	.90000	.20900	29.000	.3241-01	.3933-01	.4536-03	.5504-03	539.5	3.299	.3221
27	.91700	.00000	30.000	.3636	.4462	.5088-02	.6243-02	574.2	37.71	3.437
27	.91700	.52000-01	31.000	.1398	.1703	.1957-02	.2383-02	551.6	14.10	1.366
27	.91700	.10400	32.000	.5891-01	.7160-01	.8244-03	.1002-02	544.2	6.644	.5816
27	.91700	.15600	33.000	.4088-01	.4962-01	.5720-03	.6943-03	540.2	4.314	.4058
27	.91700	.20900	34.000	.3642-01	.4419-01	.5096-03	.6184-03	539.3	3.760	.3620
27	.93300	.00000	35.000	.4351	.5340	.6089-02	.7472-02	574.8	40.42	4.109
27	.93300	.52000-01	36.000	.1754	.2137	.2454-02	.2990-02	552.8	17.16	1.710
27	.93300	.10400	37.000	.7059-01	.8574-01	.9878-03	.1200-02	542.3	7.420	.6988
27	.93300	.20900	39.000	.1404	.1710	.1964-02	.2393-02	552.4	13.33	1.370
27	.95000	.00000	40.000	.5441	.6700	.7614-02	.9375-02	584.5	58.80	5.064
27	.95000	.52000-01	41.000	.2891	.3538	.4045-02	.4951-02	567.2	25.65	2.761
27	.95000	.10400	42.000	.2041	.2499	.2856-02	.3497-02	567.7	20.13	1.948
27	.95000	.15600	43.000	.1860	.2271	.2603-02	.3178-02	559.2	18.06	1.797
27	.95000	.20900	44.000	.1263	.1539	.1767-02	.2153-02	552.2	12.55	1.233
27	.95000	.28700	45.000	.5870-01	.7137-01	.8214-03	.9987-03	545.8	5.985	.5782
27	.95600	.00000	46.000	.9256	1.156	.1295-01	.1617-01	622.2	82.95	8.128

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV17)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.6886-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
20	2.030	5.032	-.6868-03	7.980	438.1	1296.	94.33	.4561-01	2.033	3799.	.1305-02	.7590-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
20	.2029-01	.1646-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
20	.81700	.00000	1.0000	.3932	.4797	.7978-02	.9733-02	577.0	52.35	5.733
20	.81700	.52000-01	2.0000	.1118	.1355	.2268-02	.2750-02	556.7	18.27	1.676
20	.81700	.10400	3.0000	.4934-01	.5966-01	.1001-02	.1210-02	546.7	8.299	.7497
20	.81700	.15600	4.0000	.3655-01	.4418-01	.7415-03	.8962-03	545.2	5.957	.5565
20	.81700	.20900	5.0000	.2921-01	.3529-01	.5926-03	.7159-03	543.1	4.418	.4460
20	.81700	.28700	6.0000	.1336-01	.1613-01	.2711-03	.3273-03	541.2	1.967	.2045
20	.83300	.00000	7.0000	.4380	.5357	.8886-02	.1087-01	585.3	62.01	6.312
20	.83300	.10400	8.0000	.5530-01	.6687-01	.1122-02	.1357-02	546.9	9.115	.8400
20	.83300	.20900	9.0000	.3415-01	.4125-01	.6929-03	.8369-03	542.7	5.013	.5217
20	.85000	.00000	10.000	.3996	.4882	.8106-02	.9904-02	582.0	57.48	5.785
20	.85000	.52000-01	11.000	.1016	.1232	.2062-02	.2499-02	554.7	16.93	1.528
20	.85000	.10400	12.000	.5283-01	.6388-01	.1072-02	.1296-02	546.9	8.582	.8025
20	.85000	.15600	13.000	.4370-01	.5280-01	.8865-03	.1071-02	544.2	6.396	.6662
20	.85000	.28700	15.000	.1905-01	.2300-01	.3864-03	.4666-03	542.0	2.886	.2912
20	.86700	.00000	16.000	.4037	.4933	.8190-02	.1001-01	582.5	57.24	5.841
20	.86700	.10400	17.000	.5542-01	.6700-01	.1124-02	.1359-02	546.1	8.603	.8427
20	.86700	.20900	18.000	.3386-01	.4090-01	.6870-03	.8297-03	542.4	4.910	.5175
20	.88300	.00000	19.000	.3597	.4396	.7298-02	.8917-02	582.2	56.90	5.207
20	.88300	.52000-01	20.000	.1156	.1401	.2346-02	.2842-02	553.1	16.44	1.742
20	.88300	.10400	21.000	.5430-01	.6563-01	.1102-02	.1331-02	545.0	8.371	.8270
20	.88300	.15600	22.000	.4218-01	.5098-01	.8558-03	.1034-02	544.4	6.227	.6430
20	.88300	.20900	23.000	.3221-01	.3890-01	.6534-03	.7892-03	542.4	4.813	.4922

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV17)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
20	.88300	.28700	24.000	.1680-01	.2028-01	.3407-03	.4114-03	541.2	2.538	.2571
20	.90000	.00000	25.000	.3393	.4155	.6883-02	.8429-02	589.0	55.77	4.865
20	.90000	.52000-01	26.000	.1212	.1468	.2458-02	.2979-02	554.5	17.56	1.822
20	.90000	.10400	27.000	.5388-01	.6515-01	.1093-02	.1322-02	546.5	9.111	.8190
20	.90000	.15600	28.000	.3944-01	.4766-01	.8002-03	.9669-03	544.2	6.089	.6013
20	.90000	.20900	29.000	.3116-01	.3763-01	.6321-03	.7633-03	542.2	4.871	.4762
20	.91700	.00000	30.000	.3730	.4570	.7567-02	.9272-02	590.9	56.04	5.333
20	.91700	.52000-01	31.000	.1340	.1626	.2719-02	.3298-02	558.2	20.63	2.005
20	.91700	.10400	32.000	.5683-01	.6874-01	.1153-02	.1395-02	548.1	9.827	.6619
20	.91700	.15600	33.000	.3973-01	.4801-01	.8061-03	.9739-03	543.7	6.431	.6061
20	.91700	.20900	34.000	.3902-01	.4713-01	.7915-03	.9561-03	542.9	6.177	.5958
20	.93300	.00000	35.000	.4456	.5461	.9040-02	.1108-01	591.7	62.08	6.364
20	.93300	.52000-01	36.000	.1700	.2064	.3448-02	.4187-02	561.1	25.32	2.533
20	.93300	.10400	37.000	.7146-01	.8640-01	.1450-02	.1753-02	546.5	11.51	1.086
20	.93300	.20900	39.000	.1483	.1801	.3008-02	.3654-02	562.6	21.35	2.205
20	.95000	.00000	40.000	.5637	.6941	.1144-01	.1408-01	606.0	90.63	7.887
20	.95000	.52000-01	41.000	.2923	.3572	.5931-02	.7246-02	581.7	39.06	4.234
20	.95000	.10400	42.000	.2001	.2446	.4060-02	.4961-02	582.4	29.71	2.896
20	.95000	.15600	43.000	.1806	.2198	.3653-02	.4460-02	570.1	26.57	2.658
20	.95000	.20900	44.000	.1201	.1457	.2436-02	.2956-02	559.5	18.18	1.793
20	.95000	.28700	45.000	.5739-01	.6948-01	.1164-02	.1410-02	551.3	8.947	.8667
20	.95600	.00000	46.000	1.026	1.291	.2081-01	.2620-01	665.4	131.1	13.12

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV18)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.1142-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
34	.5071	5.004	-.6965-03	7.900	100.1	1244.	92.25	.1113-01	.4862	3720.	.3256-03	.7423-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
34	.9851-02	.3281-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
34	.81700	.00000	1.0000	.4071	.4965	.4010-02	.4891-02	553.4	25.57	2.768
34	.81700	.52000-01	2.0000	.1240	.1508	.1222-02	.1485-02	542.5	9.407	.8565
34	.81700	.10400	3.0000	.5577-01	.6768-01	.5493-03	.6667-03	537.0	4.318	.3882
34	.81700	.15600	4.0000	.4260-01	.5167-01	.4196-03	.5090-03	535.7	3.195	.2971
34	.81700	.20900	5.0000	.3836-01	.4652-01	.3779-03	.4583-03	534.6	2.666	.2680
34	.81700	.28700	6.0000	.2433-01	.2949-01	.2397-03	.2905-03	533.3	1.644	.1702
34	.83300	.00000	7.0000	.4578	.5589	.4510-02	.5506-02	556.4	31.19	3.099
34	.83300	.10400	8.0000	.6560-01	.7957-01	.6462-03	.7839-03	535.3	4.996	.4577
34	.83300	.20900	9.0000	.4400-01	.5333-01	.4334-03	.5253-03	532.9	2.975	.3081
34	.85000	.00000	10.000	.4267	.5207	.4203-02	.5129-02	554.6	29.17	2.896
34	.85000	.52000-01	11.000	.1145	.1391	.1128-02	.1370-02	538.5	8.887	.7956
34	.85000	.10400	12.000	.5935-01	.7196-01	.5846-03	.7089-03	534.0	4.467	.4149
34	.85000	.15600	13.000	.5052-01	.6123-01	.4977-03	.6032-03	532.5	3.419	.3539
34	.85000	.28700	15.000	.2602-01	.3396-01	.2760-03	.3345-03	533.3	1.952	.1961
34	.86700	.00000	16.000	.4132	.5040	.4070-02	.4965-02	553.3	27.94	2.810
34	.86700	.10400	17.000	.6136-01	.7437-01	.6045-03	.7326-03	532.3	4.420	.4300
34	.86700	.20900	18.000	.3764-01	.4560-01	.3708-03	.4492-03	531.0	2.522	.2643
34	.88300	.00000	19.000	.3620	.4414	.3566-02	.4348-02	552.6	27.33	2.464
34	.88300	.52000-01	20.000	.1281	.1554	.1262-02	.1531-02	536.1	8.496	.8926
34	.88300	.10400	21.000	.6037-01	.7315-01	.5946-03	.7206-03	532.1	4.311	.4231
34	.88300	.15600	22.000	.4633-01	.5614-01	.4563-03	.5530-03	532.0	3.165	.3248
34	.88300	.20900	23.000	.3597-01	.4358-01	.3543-03	.4293-03	531.3	2.482	.2524

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV18)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
34	.88300	.28700	24.000	.1947-01	.2360-01	.1918-03	.2324-03	531.6	1.355	.1366
34	.90000	.00000	25.000	.3417	.4171	.3366-02	.4109-02	555.8	26.99	2.315
34	.90000	.52000-01	26.000	.1318	.1600	.1299-02	.1576-02	536.9	8.922	.9178
34	.90000	.10400	27.000	.5880-01	.7127-01	.5792-03	.7021-03	533.0	4.611	.4116
34	.90000	.15600	28.000	.4261-01	.5164-01	.4198-03	.5087-03	532.1	3.043	.2987
34	.90000	.20900	29.000	.3495-01	.4234-01	.3443-03	.4171-03	531.3	2.523	.2452
34	.91700	.00000	30.000	.3751	.4579	.3695-02	.4511-02	556.4	28.11	2.539
34	.91700	.52000-01	31.000	.1439	.1747	.1418-02	.1721-02	538.7	10.38	.9993
34	.91700	.10400	32.000	.6121-01	.7421-01	.6029-03	.7310-03	533.8	4.916	.4280
34	.91700	.15600	33.000	.4391-01	.5320-01	.4325-03	.5241-03	531.8	3.286	.3079
34	.91700	.20900	34.000	.3570-01	.4325-01	.3517-03	.4260-03	530.8	2.615	.2507
34	.93300	.00000	35.000	.4510	.5508	.4443-02	.5426-02	557.0	30.28	3.051
34	.93300	.52000-01	36.000	.1820	.2211	.1793-02	.2178-02	540.0	12.74	1.262
34	.93300	.10400	37.000	.7234-01	.8768-01	.7126-03	.8637-03	532.7	5.406	.5067
34	.93300	.20900	39.000	.1269	.1540	.1250-02	.1517-02	538.1	8.640	.8816
34	.95000	.00000	40.000	.5665	.6926	.5581-02	.6822-02	560.4	44.82	3.813
34	.95000	.52000-01	41.000	.2817	.3428	.2775-02	.3377-02	546.8	18.15	1.934
34	.95000	.10400	42.000	.2058	.2507	.2027-02	.2470-02	549.5	14.68	1.407
34	.95000	.15600	43.000	.1913	.2327	.1884-02	.2292-02	544.7	13.33	1.317
34	.95000	.20900	44.000	.1348	.1637	.1328-02	.1613-02	539.7	9.573	.9347
34	.95000	.28700	45.000	.6592-01	.7996-01	.6493-03	.7877-03	535.4	4.786	.4599
34	.95600	.00000	46.000	.9521	1.173	.9379-02	.1156-01	583.4	64.41	6.192

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV18)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.1142-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
30	1.012	5.048	-.6812-03	7.940	205.8	1257.	92.34	.2214-01	.9770	3740.	.6471-03	.7431-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
30	.1399-01	.2330-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
30	.81700	.00000	1.0000	.3697	.4523	.5172-02	.6327-02	568.1	32.66	3.561
30	.81700	.52000-01	2.0000	.1179	.1435	.1649-02	.2007-02	551.9	12.70	1.162
30	.81700	.10400	3.0000	.5138-01	.6238-01	.7187-03	.8726-03	544.1	5.677	.5122
30	.81700	.15600	4.0000	.3895-01	.4725-01	.5448-03	.6611-03	541.9	4.175	.3294
30	.81700	.20900	5.0000	.3499-01	.4245-01	.4895-03	.5939-03	541.4	3.472	.3502
30	.81700	.28700	6.0000	.2258-01	.2738-01	.3158-03	.3830-03	540.3	2.177	.2263
30	.83300	.00000	7.0000	.4417	.5408	.6179-02	.7566-02	571.3	42.30	4.235
30	.83300	.10400	8.0000	.6157-01	.7472-01	.8613-03	.1045-02	542.5	6.690	.6152
30	.83300	.20900	9.0000	.4008-01	.4860-01	.5607-03	.6799-03	539.5	3.871	.4022
30	.85000	.00000	10.000	.4066	.4974	.5688-02	.6959-02	568.3	39.17	3.916
30	.85000	.52000-01	11.000	.1088	.1322	.1522-02	.1849-02	547.0	12.01	1.080
30	.85000	.10400	12.000	.5593-01	.6783-01	.7824-03	.9489-03	540.5	6.012	.5603
30	.85000	.15600	13.000	.4694-01	.5689-01	.6567-03	.7958-03	537.9	4.546	.4720
30	.85000	.28700	15.000	.2571-01	.3118-01	.3597-03	.4362-03	540.1	2.557	.2577
30	.86700	.00000	16.000	.3848	.4709	.5383-02	.6587-02	569.6	36.48	3.698
30	.86700	.10400	17.000	.5864-01	.7108-01	.8203-03	.9944-03	538.9	6.033	.5888
30	.86700	.20900	18.000	.3647-01	.4419-01	.5102-03	.6181-03	537.2	3.492	.3671
30	.88300	.00000	19.000	.3424	.4189	.4789-02	.5860-02	569.1	36.22	3.293
30	.88300	.52000-01	20.000	.1246	.1513	.1743-02	.2116-02	544.3	11.77	1.242
30	.88300	.10400	21.000	.5786-01	.7013-01	.8094-03	.9810-03	538.1	5.907	.5816
30	.88300	.15600	22.000	.4460-01	.5405-01	.6239-03	.7561-03	537.5	4.361	.4487
30	.88300	.20900	23.000	.3456-01	.4189-01	.4835-03	.5859-03	537.6	3.408	.3477

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV1B)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
30	.89300	.28700	24.000	.1841-01	.2232-01	.2575-03	.3122-03	539.0	1.827	.1848
30	.90000	.00000	25.000	.3259	.3993	.4559-02	.5586-02	573.4	35.99	3.115
30	.90000	.52000-01	26.000	.1290	.1567	.1805-02	.2192-02	545.3	12.43	1.284
30	.90000	.10400	27.000	.5729-01	.6946-01	.8015-03	.9717-03	539.4	6.419	.5749
30	.90000	.15600	28.000	.4103-01	.4972-01	.5740-03	.6955-03	537.6	4.193	.4127
30	.90000	.20900	29.000	.3295-01	.3993-01	.4610-03	.5585-03	537.3	3.400	.3316
30	.91700	.00000	30.000	.3654	.4476	.5112-02	.6262-02	572.2	38.43	3.499
30	.91700	.52000-01	31.000	.1414	.1719	.1979-02	.2405-02	547.9	14.80	1.402
30	.91700	.10400	32.000	.5950-01	.7217-01	.8324-03	.1010-02	540.4	6.824	.5962
30	.91700	.15600	33.000	.4173-01	.5056-01	.5837-03	.7073-03	537.0	4.472	.4201
30	.91700	.20900	34.000	.3735-01	.4525-01	.5225-03	.6330-03	536.3	3.916	.3764
30	.93300	.00000	35.000	.4395	.5384	.6148-02	.7531-02	572.6	41.42	4.206
30	.93300	.52000-01	36.000	.1758	.2138	.2460-02	.2991-02	548.7	17.51	1.741
30	.93300	.10400	37.000	.7092-01	.8594-01	.9921-03	.1202-02	537.9	7.589	.7131
30	.93300	.20900	39.000	.1414	.1720	.1978-02	.2406-02	550.1	13.81	1.398
30	.95000	.00000	40.000	.5431	.6674	.7598-02	.9336-02	581.7	59.64	5.129
30	.95000	.52000-01	41.000	.2911	.3554	.4072-02	.4972-02	562.2	26.34	2.828
30	.95000	.10400	42.000	.2052	.2506	.2871-02	.3506-02	563.2	20.62	1.991
30	.95000	.15600	43.000	.1858	.2264	.2599-02	.3167-02	555.9	18.33	1.821
30	.95000	.20900	44.000	.1266	.1540	.1771-02	.2155-02	550.5	12.74	1.251
30	.95000	.28700	45.000	.5896-01	.7162-01	.8248-03	.1002-02	545.5	6.073	.5866
30	.95600	.00000	46.000	.9240	1.151	.1293-01	.1610-01	619.4	84.18	8.237

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV18)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.940 BETA = -.1142-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
23	2.016	5.044	-.2048-02	7.980	435.1	1296.	94.33	.4530-01	2.019	3799.	.1296-02	.7590-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
23	.2022-01	.1652-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
23	.81700	.00000	1.0000	.3972	.4839	.8031-02	.9783-02	572.5	53.15	5.808
23	.81700	.52000-01	2.0000	.1120	.1356	.2264-02	.2742-02	552.1	18.40	1.684
23	.81700	.10400	3.0000	.4956-01	.5985-01	.1002-02	.1210-02	541.7	8.383	.7554
23	.81700	.15600	4.0000	.3671-01	.4431-01	.7422-03	.8957-03	539.9	6.021	.5609
23	.81700	.20900	5.0000	.2979-01	.3593-01	.6022-03	.7263-03	537.6	4.535	.4565
23	.81700	.28700	6.0000	.1409-01	.1698-01	.2848-03	.3433-03	534.4	2.092	.2168
23	.83300	.00000	7.0000	.4377	.5330	.8849-02	.1078-01	571.2	64.04	6.411
23	.83300	.10400	8.0000	.5538-01	.6687-01	.1120-02	.1352-02	541.9	9.182	.8440
23	.83300	.20900	9.0000	.3464-01	.4178-01	.7004-03	.8447-03	536.9	5.122	.5315
23	.85000	.00000	10.000	.4012	.4881	.8112-02	.9869-02	568.0	59.06	5.903
23	.85000	.52000-01	11.000	.1023	.1238	.2068-02	.2503-02	549.7	17.14	1.543
23	.85000	.10400	12.000	.5263-01	.6355-01	.1064-02	.1285-02	541.8	8.601	.8022
23	.85000	.15600	13.000	.4352-01	.5251-01	.8799-03	.1062-02	538.7	6.413	.6660
23	.85000	.28700	15.000	.1884-01	.2271-01	.3810-03	.4592-03	535.1	2.882	.2898
23	.86700	.00000	16.000	.4025	.4897	.8137-02	.9901-02	568.2	58.43	5.920
23	.86700	.10400	17.000	.5544-01	.6692-01	.1121-02	.1353-02	540.7	8.663	.8462
23	.86700	.20900	18.000	.3496-01	.4215-01	.7068-03	.8521-03	536.0	5.111	.5369
23	.88300	.00000	19.000	.3593	.4371	.7263-02	.8837-02	568.0	58.17	5.285
23	.88300	.52000-01	20.000	.1161	.1405	.2348-02	.2840-02	547.7	16.62	1.756
23	.88300	.10400	21.000	.5406-01	.6524-01	.1093-02	.1319-02	539.2	8.393	.8268
23	.88300	.15600	22.000	.4212-01	.5081-01	.8516-03	.1027-02	538.2	6.266	.6450
23	.88300	.20900	23.000	.3230-01	.3894-01	.6530-03	.7872-03	535.7	4.870	.4963

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

(R4XV18)

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
23	.88300	.28700	24.000	.1699-01	.2047-01	.3434-03	.4138-03	533.4	2.595	.2618
23	.90000	.00000	25.000	.3373	.4111	.6819-02	.8312-02	574.2	56.82	4.920
23	.90000	.52000-01	26.000	.1209	.1463	.2445-02	.2958-02	548.7	17.65	1.826
23	.90000	.10400	27.000	.5377-01	.6491-01	.1087-02	.1312-02	540.4	9.163	.8211
23	.90000	.15600	28.000	.3938-01	.4750-01	.7962-03	.9603-03	537.5	6.132	.6036
23	.90000	.20900	29.000	.3139-01	.3783-01	.6346-03	.7649-03	535.1	4.955	.4827
23	.91700	.00000	30.000	.3689	.4499	.7458-02	.9095-02	575.7	58.87	5.369
23	.91700	.52000-01	31.000	.1342	.1625	.2713-02	.3286-02	552.0	20.82	2.018
23	.91700	.10400	32.000	.5660-01	.6834-01	.1144-02	.1382-02	541.6	9.871	.8629
23	.91700	.15600	33.000	.3975-01	.4793-01	.8036-03	.9690-03	536.7	6.494	.6099
23	.91700	.20900	34.000	.3895-01	.4694-01	.7874-03	.9491-03	535.2	6.232	.5988
23	.93300	.00000	35.000	.4430	.5404	.8957-02	.1092-01	576.4	63.33	6.443
23	.93300	.52000-01	36.000	.1719	.2084	.3476-02	.4213-02	554.5	25.84	2.576
23	.93300	.10400	37.000	.7158-01	.8638-01	.1447-02	.1746-02	539.6	11.63	1.094
23	.93300	.20900	39.000	.1492	.1808	.3016-02	.3654-02	554.5	21.72	2.235
23	.95000	.00000	40.000	.5631	.6899	.1138-01	.1395-01	590.7	92.93	8.027
23	.95000	.52000-01	41.000	.2898	.3523	.5858-02	.7123-02	566.2	39.73	4.274
23	.95000	.10400	42.000	.2021	.2464	.4085-02	.4982-02	575.6	30.28	2.942
23	.95000	.15600	43.000	.1820	.2210	.3679-02	.4469-02	562.4	27.07	2.698
23	.95000	.20900	44.000	.1211	.1456	.2449-02	.2965-02	550.6	18.58	1.825
23	.95000	.28700	45.000	.5733-01	.6922-01	.1159-02	.1399-02	541.3	9.073	.8744
23	.95600	.00000	46.000	1.022	1.279	.2067-01	.2586-01	650.5	134.2	13.33

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.980 BETA = .9305-07

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
26	2.015	5.012	.9305-07	7.980	437.8	1302.	94.76	.4558-01	2.032	3808.	.1298-02	.7626-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
26	.2030-01	.1651-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
26	.81700	.00000	1.0000	.3832	.4675	.7778-02	.9488-02	579.4	51.24	5.618
26	.81700	.52000-01	2.0000	.1140	.1381	.2314-02	.2804-02	555.9	18.83	1.726
26	.81700	.10400	3.0000	.5023-01	.6066-01	.1020-02	.1231-02	544.4	8.555	.7720
26	.81700	.15600	4.0000	.3688-01	.4451-01	.7486-03	.9034-03	542.3	6.094	.5685
26	.81700	.20900	5.0000	.2989-01	.3605-01	.6067-03	.7318-03	540.1	4.584	.4620
26	.81700	.28700	6.0000	.1428-01	.1722-01	.2899-03	.3495-03	537.9	2.133	.2214
26	.83300	.00000	7.0000	.4262	.5196	.8650-02	.1055-01	577.4	62.39	6.265
26	.83300	.10400	8.0000	.5710-01	.6891-01	.1159-02	.1399-02	542.2	9.574	.8802
26	.83300	.20900	9.0000	.3530-01	.4255-01	.7164-03	.8636-03	537.8	5.271	.5472
26	.85000	.00000	10.000	.3896	.4744	.7908-02	.9629-02	573.2	57.49	5.761
26	.85000	.52000-01	11.000	.1049	.1269	.2130-02	.2576-02	549.9	17.78	1.601
26	.85000	.10400	12.000	.5389-01	.6500-01	.1094-02	.1319-02	540.7	8.930	.8323
26	.85000	.15600	13.000	.4470-01	.5388-01	.9073-03	.1094-02	537.8	6.676	.6930
26	.85000	.28700	15.000	.1948-01	.2349-01	.3955-03	.4767-03	538.1	2.999	.3020
26	.86700	.00000	16.000	.3898	.4746	.7912-02	.9632-02	572.6	56.81	5.769
26	.86700	.10400	17.000	.5624-01	.6781-01	.1141-02	.1376-02	538.9	8.921	.8706
26	.86700	.20900	18.000	.3603-01	.4340-01	.7312-03	.8810-03	535.9	5.330	.5599
26	.88300	.00000	19.000	.3483	.4240	.7070-02	.8605-02	572.1	56.66	5.158
26	.88300	.52000-01	20.000	.1202	.1453	.2440-02	.2948-02	546.5	17.45	1.843
26	.88300	.10400	21.000	.5537-01	.6673-01	.1124-02	.1354-02	537.3	8.728	.8590
26	.88300	.15600	22.000	.4321-01	.5208-01	.8770-03	.1057-02	537.1	6.518	.6705
26	.88300	.20900	23.000	.3310-01	.3988-01	.6719-03	.8095-03	536.0	5.047	.5145

OH400 (AEDC V418-65) .0525 VERTICAL/SILTS POD (R4XV19)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
26	.88300	.28700	24.000	.1697-01	.2045-01	.3444-03	.4150-03	536.6	2.607	.2635
26	.90000	.00000	25.000	.3263	.3978	.6622-02	.8074-02	577.9	55.25	4.793
26	.90000	.52000-01	26.000	.1254	.1516	.2546-02	.3077-02	547.7	18.56	1.919
26	.90000	.10400	27.000	.5509-01	.6642-01	.1118-02	.1348-02	538.8	9.526	.8529
26	.90000	.15600	28.000	.4038-01	.4866-01	.8195-03	.9877-03	537.0	6.368	.6267
26	.90000	.20900	29.000	.3182-01	.3834-01	.6459-03	.7781-03	535.5	5.080	.4949
26	.91700	.00000	30.000	.3595	.4386	.7296-02	.8901-02	579.8	57.62	5.267
26	.91700	.52000-01	31.000	.1376	.1665	.2793-02	.3379-02	551.6	21.62	2.095
26	.91700	.10400	32.000	.5806-01	.7004-01	.1178-02	.1421-02	540.4	10.27	.8971
26	.91700	.15600	33.000	.4082-01	.4919-01	.8286-03	.9984-03	536.2	6.755	.6342
26	.91700	.20900	34.000	.4015-01	.4837-01	.8149-03	.9818-03	536.0	6.491	.6239
26	.93300	.00000	35.000	.4318	.5269	.8763-02	.1069-01	580.8	61.96	6.317
26	.93300	.52000-01	36.000	.1763	.2135	.3579-02	.4333-02	554.4	26.81	2.674
26	.93300	.10400	37.000	.7374-01	.8890-01	.1497-02	.1804-02	538.4	12.15	1.142
26	.93300	.20900	39.000	.1486	.1801	.3017-02	.3656-02	557.0	21.81	2.247
26	.95000	.00000	40.000	.5508	.6755	.1118-01	.1371-01	596.7	90.97	7.881
26	.95000	.52000-01	41.000	.2928	.3558	.5943-02	.7222-02	566.6	40.60	4.369
26	.95000	.10400	42.000	.1999	.2436	.4058-02	.4945-02	576.1	30.30	2.944
26	.95000	.15600	43.000	.1808	.2196	.3671-02	.4457-02	564.1	27.14	2.707
26	.95000	.20900	44.000	.1206	.1461	.2449-02	.2964-02	553.8	18.62	1.831
26	.95000	.28700	45.000	.5646-01	.6820-01	.1146-02	.1384-02	545.9	8.966	.8660
26	.95600	.00000	46.000	.9705	1.217	.1970-01	.2470-01	659.2	126.9	12.66

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.970 BETA = .2407-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
15	1.025	30.08	.7233-02	7.940	207.3	1253.	92.05	.2230-01	.9842	3734.	.6539-03	.7407-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
15	.1403-01	.2317-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
15	.81700	.00000	1.0000	.7813-01	.9483-01	.1096-02	.1331-02	541.3	7.249	.7799
15	.81700	.52000-01	2.0000	.2170-01	.2631-01	.3045-03	.3691-03	537.6	2.397	.2177
15	.81700	.10400	3.0000	.1214-01	.1471-01	.1704-03	.2065-03	536.3	1.356	.1220
15	.81700	.15600	4.0000	.1079-01	.1308-01	.1515-03	.1835-03	535.2	1.169	.1087
15	.81700	.20900	5.0000	.9554-02	.1157-01	.1341-03	.1624-03	534.2	.9586	.9633-01
15	.81700	.28700	6.0000	.4646-02	.5626-02	.6520-04	.7894-04	533.0	.4531	.4592-01
15	.83300	.00000	7.0000	.8894-01	.1080	.1248-02	.1516-02	544.2	8.953	.8842
15	.83300	.10400	8.0000	.1592-01	.1931-01	.2234-03	.2709-03	538.1	1.740	.1597
15	.83300	.20900	9.0000	.1306-01	.1583-01	.1833-03	.2221-03	535.3	1.268	.1315
15	.85000	.00000	10.000	.8665-01	.1053	.1216-02	.1477-02	543.9	8.727	.8618
15	.85000	.52000-01	11.000	.2554-01	.3099-01	.3584-03	.4348-03	540.0	2.851	.2554
15	.85000	.10400	12.000	.1764-01	.2139-01	.2475-03	.3002-03	539.0	1.897	.1766
15	.85000	.15600	13.000	.1713-01	.2076-01	.2403-03	.2913-03	537.3	1.656	.1719
15	.85000	.28700	15.000	.9765-02	.1183-01	.1370-03	.1660-03	534.7	.9788	.9839-01
15	.86700	.00000	16.000	.8884-01	.1079	.1247-02	.1514-02	543.8	8.830	.8838
15	.86700	.10400	17.000	.2305-01	.2796-01	.3235-03	.3923-03	538.5	2.368	.2310
15	.86700	.20900	18.000	.1852-01	.2245-01	.2599-03	.3150-03	536.5	1.772	.1862
15	.88300	.00000	19.000	.7889-01	.9581-01	.1107-02	.1344-02	543.4	8.749	.7852
15	.88300	.52000-01	20.000	.3635-01	.4411-01	.5101-03	.6190-03	540.4	3.451	.3633
15	.88300	.10400	21.000	.2775-01	.3366-01	.3894-03	.4723-03	539.1	2.821	.2779
15	.88300	.15600	22.000	.2553-01	.3095-01	.3582-03	.4343-03	538.2	2.486	.2559
15	.88300	.20900	23.000	.2145-01	.2600-01	.3010-03	.3648-03	536.9	2.112	.2154

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV20)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
15	.88300	.28700	24.000	.1588-01	.1924-01	.2228-03	.2700-03	535.8	1.581	.1597
15	.90000	.00000	25.000	.7157-01	.8695-01	.1004-02	.1220-02	544.6	8.335	.7111
15	.90000	.52000-01	26.000	.4082-01	.4954-01	.5728-03	.6952-03	541.2	3.953	.4076
15	.90000	.10400	27.000	.3053-01	.3704-01	.4285-03	.5198-03	539.9	3.409	.3054
15	.90000	.15600	28.000	.2765-01	.3354-01	.3880-03	.4706-03	538.7	2.813	.2770
15	.90000	.20900	29.000	.2611-01	.3165-01	.3663-03	.4442-03	537.7	2.685	.2619
15	.91700	.00000	30.000	.7285-01	.8850-01	.1022-02	.1242-02	544.3	8.065	.7241
15	.91700	.52000-01	31.000	.4489-01	.5447-01	.6299-03	.7644-03	541.0	4.652	.4483
15	.91700	.10400	32.000	.3127-01	.3794-01	.4388-03	.5325-03	540.2	3.579	.3127
15	.91700	.15600	33.000	.3238-01	.3927-01	.4543-03	.5511-03	539.1	3.448	.3242
15	.91700	.20900	34.000	.3126-01	.3790-01	.4386-03	.5319-03	538.2	3.257	.3134
15	.93300	.00000	35.000	.8210-01	.9973-01	.1152-02	.1400-02	544.3	8.152	.8161
15	.93300	.52000-01	36.000	.5258-01	.6380-01	.7378-03	.8953-03	540.6	5.306	.5254
15	.93300	.10400	37.000	.3961-01	.4805-01	.5558-03	.6742-03	539.5	4.215	.3964
15	.93300	.20900	39.000	.3877-01	.4701-01	.5440-03	.6596-03	538.0	3.810	.3888
15	.95000	.00000	40 000	.9443-01	.1147	.1325-02	.1609-02	542.9	11.15	.9404
15	.95000	.52000-01	41.000	.6451-01	.7830-01	.9053-03	.1099-02	541.0	6.065	.6442
15	.95000	.10400	42.000	.5250-01	.6371-01	.7367-03	.8941-03	540.9	5.494	.5244
15	.95000	.15600	43.000	.4887-01	.5928-01	.6858-03	.8319-03	539.4	4.965	.4891
15	.95000	.20900	44.000	.4386-01	.5319-01	.6154-03	.7463-03	538.4	4.506	.4396
15	.95000	.28700	45.000	.3307-01	.4009-01	.4641-03	.5626-03	537.2	3.452	.3320
15	.95600	.00000	46.000	.1164	.1415	.1634-02	.1985-02	544.6	12.27	1.157

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV20)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.970 BETA = .2407-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
1	3.707	30.05	-.2419-02	8.000	855.3	1349.	97.73	.8761-01	3.925	3877.	.2419-02	.7864-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
1	.2838-01	.1214-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
1	.81700	.00000	1.0000	.6220-01	.7464-01	.1766-02	.2119-02	539.6	13.29	1.428
1	.81700	.52000-01	2.0000	.2430-01	.2912-01	.6896-03	.8267-03	535.0	6.186	.5611
1	.81700	.10400	3.0000	.1770-01	.2121-01	.5025-03	.6021-03	533.5	4.564	.4096
1	.81700	.15600	4.0000	.1732-01	.2075-01	.4915-03	.5890-03	533.7	4.313	.4006
1	.81700	.20900	5.0000	.1924-01	.2305-01	.5460-03	.6543-03	533.8	4.428	.4449
1	.81700	.28700	6.0000	.1748-01	.2095-01	.4960-03	.5945-03	534.6	3.896	.4038
1	.83300	.00000	7.0000	.7947-01	.9542-01	.2256-02	.2708-02	541.7	18.46	1.820
1	.83300	.10400	8.0000	.2461-01	.2949-01	.6984-03	.8371-03	534.6	6.208	.5686
1	.83300	.20900	9.0000	.2333-01	.2796-01	.6623-03	.7936-03	533.8	5.209	.5396
1	.85000	.00000	10.000	.9349-01	.1123	.2654-02	.3188-02	543.7	21.63	2.136
1	.85000	.52000-01	11.000	.4292-01	.5148-01	.1218-02	.1461-02	537.7	11.04	.9880
1	.85000	.10400	12.000	.3201-01	.3839-01	.9087-03	.1090-02	537.0	7.928	.7376
1	.85000	.15600	13.000	.2974-01	.3565-01	.8442-03	.1012-02	535.1	6.626	.6869
1	.85000	.28700	15.000	.2614-01	.3134-01	.7420-03	.8896-03	536.2	5.993	.6028
1	.86700	.00000	16.000	.1141	.1372	.3240-02	.3894-02	545.9	25.96	2.601
1	.86700	.10400	17.000	.4302-01	.5159-01	.1221-02	.1464-02	536.5	10.17	.9917
1	.86700	.20900	18.000	.3329-01	.3991-01	.9450-03	.1133-02	535.6	7.315	.7684
1	.88300	.00000	19.000	.1045	.1256	.2967-02	.3566-02	545.8	26.51	2.382
1	.88300	.52000-01	20.000	.6311-01	.7571-01	.1791-02	.2149-02	538.7	13.79	1.451
1	.88300	.10400	21.000	.4733-01	.5675-01	.1344-02	.1611-02	535.9	11.10	1.092
1	.88300	.15600	22.000	.4273-01	.5124-01	.1213-02	.1454-02	536.8	9.572	.9845
1	.88300	.20900	23.000	.3480-01	.4173-01	.9877-03	.1184-02	536.7	7.865	.8020

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV20)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
1	.88300	.28700	24.000	.2951-01	.3539-01	.8377-03	.1004-02	536.4	6.733	.6804
1	.90000	.00000	25.000	.9787-01	.1177	.2778-02	.3341-02	548.8	25.99	2.222
1	.90000	.52000-01	26.000	.6356-01	.7627-01	.1804-02	.2165-02	539.3	14.18	1.460
1	.90000	.10400	27.000	.4603-01	.5521-01	.1307-02	.1567-02	537.5	11.84	1.060
1	.90000	.15600	28.000	.4129-01	.4952-01	.1172-02	.1406-02	536.8	9.671	.9515
1	.90000	.20900	29.000	.4050-01	.4855-01	.1149-02	.1378-02	535.8	9.588	.9343
1	.91700	.00000	30.000	.9695-01	.1166	.2752-02	.3310-02	548.5	24.47	2.202
1	.91700	.52000-01	31.000	.6177-01	.7413-01	.1753-02	.2104-02	539.6	14.73	1.419
1	.91700	.10400	32.000	.5578-01	.6695-01	.1583-02	.1900-02	540.4	14.65	1.260
1	.91700	.15600	33.000	.3393-01	.4066-01	.9632-03	.1154-02	533.1	8.380	.7855
1	.91700	.20900	34.000	.5716-01	.6858-01	.1622-02	.1947-02	539.1	13.64	1.313
1	.93300	.00000	35.000	.1295	.1558	.3674-02	.4422-02	550.6	29.19	2.932
1	.93300	.52000-01	36.000	.1050	.1261	.2981-02	.3580-02	542.6	24.24	2.403
1	.93300	.10400	37.000	.8305-01	.9969-01	.2357-02	.2830-02	540.9	20.23	1.904
1	.93300	.20900	39.000	.6453-01	.7742-01	.1832-02	.2197-02	538.9	14.53	1.483
1	.95000	.00000	40.000	.2020	.2437	.5735-02	.6917-02	560.0	53.17	4.523
1	.95000	.52000-01	41.000	.1053	.1264	.2988-02	.3588-02	541.8	22.69	2.411
1	.95000	.10400	42.000	.7524-01	.9034-01	.2136-02	.2564-02	541.5	18.06	1.724
1	.95000	.15600	43.000	.6999-01	.8399-01	.1987-02	.2384-02	539.2	16.32	1.608
1	.95000	.20900	44.000	.6304-01	.7565-01	.1789-02	.2147-02	539.9	14.82	1.447
1	.95000	.28700	45.000	.4700-01	.5638-01	.1334-02	.1600-02	538.5	11.23	1.081
1	.95600	.00000	46.000	.2215	.2674	.6287-02	.7590-02	562.7	51.94	4.942

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV21)

.0525 VERTICAL PARAMETRIC DATA

MACH = 7.962 BETA = -.2395-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
16	.5041	30.05	.2419-02	7.900	98.70	1237.	91.73	.1097-01	.4792	3709.	.3228-03	.7381-07

RUN NUMBER	HREF	STN NO SPHERE *.0175
16	.9770-02	.3294-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
16	.81700	.00000	1.0000	.6671-01	.8099-01	.6518-03	.7913-03	535.3	4.263	.4572
16	.81700	.52000-01	2.0000	.1930-01	.2342-01	.1886-03	.2288-03	534.0	1.461	.1325
16	.81700	.10400	3.0000	.8977-02	.1089-01	.8771-04	.1064-03	533.4	.6874	.6168-01
16	.81700	.15600	4.0000	.7982-02	.9685-02	.7798-04	.9462-04	533.4	.5906	.5485-01
16	.81700	.20900	5.0000	.7669-02	.9306-02	.7493-04	.9092-04	533.3	.5247	.5270-01
16	.81700	.28700	6.0000	.4293-02	.5208-02	.4194-04	[illegible]	532.9	.2851	.2952-01
16	.83300	.00000	7.0000	.7844-01	.9526-01	.7663-03	.9307-03	536.5	5.454	.5366
16	.83300	.10400	8.0000	.1263-01	.1533-01	.1234-03	.1498-03	534.3	.9469	.8670-01
16	.83300	.20900	9.0000	.1083-01	.1314-01	.1058-03	.1284-03	534.0	.7174	.7432-01
16	.85000	.00000	10.000	.7951-01	.9657-01	.7768-03	.9435-03	536.9	5.525	.5436
16	.85000	.52000-01	11.000	.2137-01	.2594-01	.2088-03	.2534-03	535.1	1.639	.1465
16	.85000	.10400	12.000	.1370-01	.1663-01	.1339-03	.1625-03	534.9	1.011	.9395-01
16	.85000	.15600	13.000	.1301-01	.1580-01	.1271-03	.1543-03	534.6	.8613	.8927-01
16	.85000	.28700	15.000	.6173-02	.7492-02	.6031-04	.7320-04	534.2	.4216	.4237-01
16	.86700	.00000	16.000	.8347-01	.1014	.8155-03	.9905-03	536.8	5.722	.5707
16	.86700	.10400	17.000	.1505-01	.1826-01	.1470-03	.1784-03	534.0	1.061	.1033
16	.86700	.20900	18.000	.1330-01	.1614-01	.1300-03	.1577-03	534.2	.8699	.9130-01
16	.88300	.00000	19.000	.7431-01	.9027-01	.7261-03	.8819-03	537.0	5.679	.5080
16	.88300	.52000-01	20.000	.2748-01	.3336-01	.2685-03	.3259-03	535.4	1.792	.1883
16	.88300	.10400	21.000	.1662-01	.2017-01	.1624-03	.1971-03	534.7	1.160	.1140
16	.88300	.15600	22.000	.1495-01	.1815-01	.1461-03	.1773-03	534.7	.9979	.1025
16	.88300	.20900	23.000	.1226-01	.1488-01	.1197-03	.1454-03	534.8	.8250	.8404-01

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV21)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
16	.98300	.28700	24.000	.5582-02	.6775-02	.5453-04	.6619-04	534.5	.3793	.3829-01
16	.90000	.00000	25.000	.6883-01	.8364-01	.6725-03	.8172-03	538.2	5.523	.4697
16	.90000	.52000-01	26.000	.2964-01	.3600-01	.2896-03	.3517-03	536.3	1.972	.2028
16	.90000	.10400	27.000	.1696-01	.2059-01	.1657-03	.2012-03	535.5	1.300	.1162
16	.90000	.15600	28.000	.1352-01	.1642-01	.1321-03	.1604-03	535.5	.9423	.9265-01
16	.90000	.20900	29.000	.1202-01	.1460-01	.1175-03	.1426-03	535.2	.8457	.8239-01
16	.91700	.00000	30.000	.6989-01	.8493-01	.6829-03	.8298-03	538.1	5.329	.4770
16	.91700	.52000-01	31.000	.3181-01	.3864-01	.3108-03	.3775-03	536.5	2.264	.2176
16	.91700	.10400	32.000	.1715-01	.2083-01	.1676-03	.2035-03	535.8	1.348	.1175
16	.91700	.15600	33.000	.1542-01	.1873-01	.1507-03	.1830-03	535.5	1.126	.1057
16	.91700	.20900	34.000	.1720-01	.2088-01	.1680-03	.2040-03	535.3	1.227	.1179
16	.93300	.00000	35.000	.7634-01	.9277-01	.7458-03	.9064-03	538.7	5.215	.5206
16	.93300	.52000-01	36.000	.4010-01	.4932-01	.3967-03	.4819-03	537.2	2.807	.2775
16	.93300	.10400	37.000	.2447-01	.2972-01	.2391-03	.2904-03	536.6	1.783	.1674
16	.93300	.20900	39.000	.2882-01	.3500-01	.2816-03	.3420-03	536.3	1.935	.1972
16	.95000	.00000	40.000	.7086-01	.8615-01	.6923-03	.8417-03	540.0	5.727	.4823
16	.95000	.52000-01	41.000	.5772-01	.7015-01	.5639-03	.6853-03	536.6	3.711	.3937
16	.95000	.10400	42.000	.3577-01	.4346-01	.3495-03	.4246-03	537.8	2.563	.2442
16	.95000	.15600	43.000	.3188-01	.3873-01	.3115-03	.3784-03	537.1	2.215	.2179
16	.95000	.20900	44.000	.2412-01	.2930-01	.2357-03	.2863-03	537.0	1.691	.1649
16	.95000	.28700	45.000	.9476-02	.1151-01	.9258-04	.1124-03	535.9	.6751	.6488-01
16	.95600	.00000	46.000	.1014	.1234	.9905-03	.1205-02	542.6	7.300	.6876

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV21)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = -.2395-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
12	1.022	30.08	-.4821-02	7.940	204.8	1245.	91.46	.2203-01	.9723	3722.	.6502-03	.7360-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
12	.1393-01	.2322-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
12	.81700	.00000	1.0000	.6448-01	.7810-01	.8983-03	.1088-02	531.3	5.987	.6408
12	.81700	.52000-01	2.0000	.2198-01	.2661-01	.3062-03	.3707-03	528.8	2.424	.2192
12	.81700	.10400	3.0000	.1160-01	.1404-01	.1617-03	.1956-03	527.6	1.296	.1159
12	.81700	.15600	4.0000	.9864-02	.1193-01	.1374-03	.1663-03	527.3	1.065	.9859-01
12	.81700	.20900	5.0000	.8218-02	.9943-02	.1145-03	.1385-03	527.3	.8202	.8213-01
12	.81700	.28700	6.0000	.4076-02	.4931-02	.5679-04	.6870-04	526.4	.3953	.4079-01
12	.83300	.00000	7.0000	.7615-01	.9229-01	.1061-02	.1286-02	532.9	7.690	.7551
12	.83300	.10400	8.0000	.1623-01	.1964-01	.2261-03	.2736-03	528.6	1.773	.1619
12	.83300	.20900	9.0000	.1225-01	.1483-01	.1707-03	.2066-03	527.5	1.186	.1224
12	.85000	.00000	10.000	.7438-01	.9015-01	.1036-02	.1256-02	533.2	7.508	.7373
12	.85000	.52000-01	11.000	.2680-01	.3245-01	.3734-03	.4521-03	530.1	2.993	.2668
12	.85000	.10400	12.000	.1823-01	.2207-01	.2540-03	.3075-03	529.3	1.961	.1817
12	.85000	.15600	13.000	.1652-01	.1999-01	.2301-03	.2785-03	528.5	1.595	.1648
12	.85000	.28700	15.000	.7897-02	.9558-02	.1100-03	.1332-03	528.4	.7866	.7881-01
12	.86700	.00000	16.000	.7711-01	.9346-01	.1074-02	.1302-02	533.2	7.678	.7643
12	.86700	.10400	17.000	.2238-01	.2709-01	.3118-03	.3774-03	528.7	2.299	.2232
12	.86700	.20900	18.000	.1815-01	.2197-01	.2529-03	.3061-03	528.4	1.731	.1812
12	.88300	.00000	19.000	.6842-01	.8293-01	.9533-03	.1155-02	533.3	7.594	.6781
12	.88300	.52000-01	20.000	.3883-01	.4703-01	.5410-03	.6552-03	530.9	3.685	.3861
12	.88300	.10400	21.000	.2699-01	.3268-01	.3761-03	.4554-03	529.6	2.743	.2699
12	.98300	.15600	22.000	.2461-01	.2979-01	.3429-03	.4151-03	529.5	2.393	.2452
12	.88300	.20900	23.000	.2078-01	.2516-01	.2895-03	.3505-03	528.9	2.041	.2073

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV21)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
12	.88300	.28700	24.000	.1300-01	.1574-01	.1812-03	.2193-03	529.0	1.288	.1297
12	.90000	.00000	25.000	.6312-01	.7654-01	.8794-03	.1066-02	534.7	7.356	.6243
12	.90000	.52000-01	26.000	.4289-01	.5195-01	.5975-03	.7238-03	531.6	4.153	.4261
12	.90000	.10400	27.000	.2867-01	.3472-01	.3994-03	.4837-03	530.8	3.197	.2851
12	.90000	.15600	28.000	.2617-01	.3169-01	.3646-03	.4415-03	530.2	2.657	.2605
12	.90000	.20900	29.000	.2469-01	.2989-01	.3440-03	.4165-03	529.8	2.531	.2459
12	.91700	.00000	30.000	.6546-01	.7937-01	.9120-03	.1106-02	534.5	7.249	.6476
12	.91700	.52000-01	31.000	.4643-01	.5627-01	.6469-03	.7840-03	532.6	4.801	.4606
12	.91700	.10400	32.000	.3002-01	.3637-01	.4182-03	.5067-03	531.6	3.429	.2982
12	.91700	.15600	33.000	.3071-01	.3720-01	.4279-03	.5183-03	531.2	3.260	.3053
12	.91700	.20900	34.000	.3030-01	.3670-01	.4222-03	.5114-03	531.0	3.143	.3013
12	.93300	.00000	35.000	.7267-01	.8813-01	.1012-02	.1228-02	535.0	7.211	.7185
12	.93300	.52000-01	36.000	.5681-01	.6887-01	.7915-03	.9595-03	533.7	5.703	.5627
12	.93300	.10400	37.000	.3958-01	.4795-01	.5514-03	.6681-03	532.0	4.194	.3929
12	.93300	.20900	39.000	.3713-01	.4498-01	.5173-03	.6266-03	531.4	3.629	.3690
12	.95000	.00000	40.000	.7599-01	.9219-01	.1059-02	.1284-02	536.6	8.917	.7497
12	.95000	.52000-01	41.000	.7563-01	.9172-01	.1054-02	.1278-02	535.3	7.057	.7474
12	.95000	.10400	42.000	.5174-01	.6273-01	.7208-03	.8739-03	534.3	5.382	.5120
12	.95000	.15600	43.000	.4806-01	.5826-01	.6696-03	.8116-03	533.2	4.851	.4764
12	.95000	.20900	44.000	.3897-01	.4723-01	.5429-03	.6581-03	533.3	3.969	.3863
12	.95000	.28700	45.000	.2143-01	.2595-01	.2986-03	.3617-03	531.5	2.221	.2130
12	.95600	.00000	46.000	.1047	.1271	.1458-02	.1771-02	539.4	10.94	1.028

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV21)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = -.2395-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
9	2.021	30.09	-.2405-02	7.980	439.6	1303.	94.84	.4577-01	2.040	3810.	.1303-02	.7631-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
9	.2034-01	.1649-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
9	.81700	.00000	1.0000	.5424-01	.6552-01	.1103-02	.1333-02	546.1	7.741	.8348
9	.81700	.52000-01	2.0000	.2608-01	.3148-01	.5304-03	.6403-03	543.3	4.422	.4028
9	.81700	.10400	3.0000	.1652-01	.1993-01	.3360-03	.4054-03	541.8	2.837	.2557
9	.81700	.15600	4.0000	.1582-01	.1909-01	.3218-03	.3883-03	542.0	2.624	.2448
9	.81700	.20900	5.0000	.1678-01	.2025-01	.3413-03	.4119-03	542.3	2.572	.2595
9	.81700	.28700	6.0000	.1150-01	.1388-01	.2340-03	.2824-03	542.6	1.709	.1779
9	.83300	.00000	7.0000	.6957-01	.8408-01	.1415-02	.1710-02	547.8	10.80	1.068
9	.83300	.10400	8.0000	.2651-01	.3200-01	.5393-03	.6509-03	542.8	4.456	.4098
9	.83300	.20900	9.0000	.3046-01	.3677-01	.6196-03	.7479-03	543.5	4.518	.4704
9	.85000	.00000	10.000	.7106-01	.8589-01	.1445-02	.1747-02	548.3	11.02	1.090
9	.85000	.52000-01	11.000	.3949-01	.4770-01	.8032-03	.9702-03	546.0	6.763	.6077
9	.85000	.10400	12.000	.3376-01	.4077-01	.6868-03	.8293-03	544.5	5.576	.5207
9	.85000	.15600	13.000	.3811-01	.4601-01	.7751-03	.9359-03	544.3	5.644	.5878
9	.85000	.28700	15.000	.3899-01	.4713-01	.7930-03	.9586-03	548.6	5.908	.5980
9	.86700	.00000	16.000	.7861-01	.9504-01	.1599-02	.1933-02	549.1	12.01	1.205
9	.86700	.10400	17.000	.3976-01	.4802-01	.8088-03	.9767-03	545.2	6.257	.6126
9	.86700	.20900	18.000	.4502-01	.5440-01	.9158-03	.1107-02	546.9	6.553	.6922
9	.88300	.00000	19.000	.7286-01	.8810-01	.1482-02	.1792-02	549.5	12.40	1.116
9	.88300	.52000-01	20.000	.5133-01	.6202-01	.1044-02	.1262-02	546.9	7.471	.7892
9	.88300	.10400	21.000	.4143-01	.5005-01	.8428-03	.1018-02	545.7	6.455	.6380
9	.88300	.15600	22.000	.4514-01	.5456-01	.9182-03	.1110-02	547.8	6.701	.6931
9	.88300	.20900	23.000	.4356-01	.5265-01	.8861-03	.1071-02	548.3	6.518	.6685

OH400 (AEDC V418-65) .0525 VERTICAL/SILTS POD (R4XV21)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
9	.88300	.28700	24.000	.3537-01	.4277-01	.7194-03	.8700-03	549.8	5.324	.5417
9	.90000	.00000	25.000	.6845-01	.8281-01	.1392-02	.1684-02	551.7	12.21	1.046
9	.90000	.52000-01	26.000	.5098-01	.6162-01	.1037-02	.1253-02	548.3	7.561	.7823
9	.90000	.10400	27.000	.3585-01	.4332-01	.7291-03	.8811-03	547.4	6.124	.5507
9	.90000	.15600	28.000	.3844-01	.4647-01	.7820-03	.9453-03	548.7	5.957	.5896
9	.90000	.20900	29.000	.3916-01	.4734-01	.7966-03	.9630-03	548.9	6.121	.6005
9	.91700	.00000	30.000	.7119-01	.8614-01	.1448-02	.1752-02	552.0	12.06	1.087
9	.91700	.52000-01	31.000	.5239-01	.6334-01	.1066-02	.1288-02	549.4	8.295	.8027
9	.91700	.10400	32.000	.3843-01	.4647-01	.7818-03	.9453-03	549.8	6.704	.5885
9	.91700	.15600	33.000	.4459-01	.5393-01	.9070-03	.1097-02	550.5	7.214	.6822
9	.91700	.20900	34.000	.4550-01	.5504-01	.9255-03	.1120-02	551.0	7.184	.6957
9	.93300	.00000	35.000	.8696-01	.1053	.1769-02	.2141-02	553.7	13.17	1.325
9	.93300	.52000-01	36.000	.8071-01	.9772-01	.1642-02	.1988-02	554.3	12.32	1.229
9	.93300	.10400	37.000	.6296-01	.7618-01	.1281-02	.1550-02	552.4	10.15	.9608
9	.93300	.20900	39.000	.5597-01	.6770-01	.1138-02	.1377-02	551.4	8.326	.8553
9	.95000	.00000	40.000	.1138	.1381	.2316-02	.2809-02	561.0	20.18	1.718
9	.95000	.52000-01	41.000	.9862-01	.1195	.2006-02	.2430-02	556.6	13.98	1.497
9	.95000	.10400	42.000	.6415-01	.7769-01	.1305-02	.1580-02	554.8	10.15	.9759
9	.95000	.15600	43.000	.5992-01	.7254-01	.1219-02	.1476-02	553.8	9.197	.9127
9	.95000	.20900	44.000	.5065-01	.6133-01	.1030-02	.1248-02	555.0	7.829	.7703
9	.95000	.28700	45.000	.3231-01	.3911-01	.6572-03	.7955-03	553.3	5.079	.4925
9	.95600	.00000	46.000	.1432	.1739	.2913-02	.3537-02	564.9	22.56	2.149

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV21)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = -.2395-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
6	3.017	30.14	-.7169-02	7.990	669.9	1318.	95.71	.6917-01	3.091	3832.	.1951-02	.7701-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
6	.2509-01	.1349-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
6	.81700	.00000	1.0000	.5322-01	.6420-01	.1335-02	.1611-02	547.4	9.532	1.029
6	.81700	.52000-01	2.0000	.2323-01	.2801-01	.5828-03	.7027-03	545.8	4.933	.4498
6	.81700	.10400	3.0000	.1842-01	.2221-01	.4622-03	.5572-03	544.4	3.961	.3574
6	.81700	.15600	4.0000	.2237-01	.2697-01	.5614-03	.6767-03	544.5	4.648	.4340
6	.81700	.20900	5.0000	.2644-01	.3187-01	.6633-03	.7996-03	544.5	5.077	.5128
6	.81700	.28700	6.0000	.2058-01	.2480-01	.5163-03	.6223-03	543.7	3.838	.3996
6	.83300	.00000	7.0000	.6569-01	.7933-01	.1648-02	.1990-02	551.1	12.75	1.264
6	.83300	.10400	8.0000	.2622-01	.3162-01	.6577-03	.7933-03	546.3	5.507	.5074
6	.83300	.20900	9.0000	.3773-01	.4551-01	.9466-03	.1142-02	546.7	6.998	.7298
6	.85000	.00000	10.000	.7373-01	.8906-01	.1850-02	.2234-02	552.3	14.28	1.416
6	.85000	.52000-01	11.000	.3388-01	.4089-01	.8500-03	.1026-02	549.4	7.254	.6530
6	.85000	.10400	12.000	.2835-01	.3420-01	.7112-03	.8580-03	547.7	5.855	.5476
6	.85000	.15600	13.000	.3636-01	.4387-01	.9123-03	.1101-02	547.4	6.737	.7028
6	.85000	.28700	15.000	.3816-01	.4606-01	.9574-03	.1155-02	548.9	7.270	.7360
6	.86700	.00000	16.000	.8630-01	.1043	.2165-02	.2616-02	553.5	16.45	1.655
6	.86700	.10400	17.000	.3369-01	.4065-01	.8453-03	.1020-02	548.1	6.634	.6505
6	.86700	.20900	18.000	.4168-01	.5029-01	.1046-02	.1262-02	548.4	7.609	.8044
6	.88300	.00000	19.000	.8266-01	.9986-01	.2074-02	.2505-02	552.8	17.59	1.586
6	.88300	.52000-01	20.000	.5475-01	.6610-01	.1374-02	.1658-02	550.3	9.962	1.054
6	.88300	.10400	21.000	.3922-01	.4733-01	.9839-03	.1187-02	548.7	7.644	.7567
6	.88300	.15600	22.000	.3874-01	.4676-01	.9720-03	.1173-02	549.5	7.211	.7466
6	.88300	.20900	23.000	.3935-01	.4750-01	.9873-03	.1192-02	549.3	7.393	.7587

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV21)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(ETO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
6	.88300	.28700	24.000	.3377-01	.4076-01	.8472-03	.1023-02	549.2	6.400	.6510
6	.90000	.00000	25.000	.7937-01	.9596-01	.1991-02	.2407-02	555.4	17.70	1.518
6	.90000	.52000-01	26.000	.6119-01	.7391-01	.1535-02	.1854-02	552.1	11.34	1.175
6	.90000	.10400	27.000	.4029-01	.4864-01	.1011-02	.1220-02	550.2	8.615	.7758
6	.90000	.15600	28.000	.3905-01	.4715-01	.9796-03	.1183-02	551.2	7.577	.7509
6	.90000	.20900	29.000	.4147-01	.5006-01	.1040-02	.1256-02	550.0	8.137	.7986
6	.91700	.00000	30.000	.8291-01	.1003	.2080-02	.2515-02	556.0	17.54	1.584
6	.91700	.52000-01	31.000	.6578-01	.7950-01	.1650-02	.1995-02	554.2	12.99	1.260
6	.91700	.10400	32.000	.5173-01	.6252-01	.1298-02	.1569-02	554.0	11.27	.9912
6	.91700	.15600	33.000	.5714-01	.6905-01	.1434-02	.1732-02	553.8	11.56	1.095
6	.91700	.20900	34.000	.5456-01	.6641-01	.1379-02	.1666-02	553.4	10.87	1.054
6	.93300	.00000	35.000	.1097	.1327	.2752-02	.3329-02	557.4	20.76	2.092
6	.93300	.52000-01	36.000	.1089	.1318	.2732-02	.3307-02	560.3	20.69	2.069
6	.93300	.10400	37.000	.7954-01	.9623-01	.1996-02	.2414-02	558.0	15.97	1.516
6	.93300	.20900	39.000	.6035-01	.7293-01	.1514-02	.1830-02	553.7	11.25	1.157
6	.95000	.00000	40.000	.1546	.1875	.3878-02	.4703-02	567.0	34.10	2.911
6	.95000	.52000-01	41.000	.1136	.1375	.2849-02	.3451-02	562.0	20.05	2.153
6	.95000	.10400	42.000	.7130-01	.8330-01	.1789-02	.2165-02	559.8	14.07	1.356
6	.95000	.15600	43.000	.6623-01	.8011-01	.1662-02	.2010-02	557.2	12.71	1.264
6	.95000	.20900	44.000	.5552-01	.6714-01	.1393-02	.1684-02	555.9	10.78	1.061
6	.95000	.28700	45.000	.3106-01	.3753-01	.7793-03	.9415-03	552.7	6.150	.5962
6	.95600	.00000	46.000	.1771	.2152	.4444-02	.5398-02	572.0	34.67	3.314

.0525 VERTICAL PARAMETRIC DATA

MACH = 7.962 BETA = -.2395-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
2	3.681	30.05	.3246-06	8.000	854.9	1355.	98.16	.8757-01	3.923	3886.	.2408-02	.7899-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
2	.2840-01	.1217-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
2	.81700	.00000	1.0000	.7640-01	.9171-01	.2170-02	.2605-02	543.2	16.35	1.761
2	.81700	.52000-01	2.0000	.2576-01	.3090-01	.7315-03	.8776-03	540.8	6.544	.5953
2	.81700	.10400	3.0000	.1678-01	.2011-01	.4764-03	.5712-03	538.2	4.324	.3890
2	.81700	.15600	4.0000	.1669-01	.2001-01	.4740-03	.5683-03	538.4	4.156	.3869
2	.81700	.20900	5.0000	.1907-01	.2286-01	.5415-03	.6493-03	538.6	4.387	.4419
2	.81700	.28700	6.0000	.1670-01	.2003-01	.4744-03	.5689-03	539.4	3.723	.3868
2	.83300	.00000	7.0000	.9171-01	.1101	.2605-02	.3128-02	544.5	21.36	2.110
2	.83300	.10400	8.0000	.2462-01	.2953-01	.6993-03	.8388-03	539.9	6.205	.5698
2	.83300	.20900	9.0000	.2426-01	.2909-01	.6890-03	.8262-03	539.0	5.410	.5620
2	.85000	.00000	10.000	.1013	.1217	.2877-02	.3455-02	545.6	23.55	2.327
2	.85000	.52000-01	11.000	.4462-01	.5357-01	.1267-02	.1521-02	544.1	11.44	1.027
2	.85000	.10400	12.000	.3141-01	.3769-01	.8919-03	.1070-02	542.2	7.769	.7247
2	.85000	.15600	13.000	.2978-01	.3572-01	.8456-03	.1014-02	540.2	6.627	.6888
2	.85000	.28700	15.000	.2567-01	.3080-01	.7289-03	.8746-03	541.6	5.876	.5927
2	.86700	.00000	16.000	.1175	.1411	.3336-02	.4008-02	546.6	26.89	2.696
2	.86700	.10400	17.000	.4226-01	.5072-01	.1200-02	.1440-02	542.2	9.973	.9750
2	.86700	.20900	18.000	.3320-01	.3983-01	.9429-03	.1131-02	541.0	7.284	.7672
2	.88300	.00000	19.000	.1066	.1281	.3028-02	.3638-02	546.7	27.21	2.446
2	.88300	.52000-01	20.000	.6622-01	.7954-01	.1881-02	.2259-02	545.8	14.41	1.521
2	.88300	.10400	21.000	.4821-01	.5785-01	.1369-02	.1643-02	541.9	11.28	1.113
2	.88300	.15600	22.000	.4224-01	.5070-01	.1200-02	.1440-02	542.6	9.443	.9742
2	.88300	.20900	23.000	.3470-01	.4164-01	.9853-03	.1183-02	542.4	7.827	.8004

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

(R4XV21)

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
2	.88300	.28700	24.000	.2869-01	.3443-01	.8147-03	.9778-03	542.6	8.526	.6816
2	.90000	.00000	25.000	.1033	.1242	.2934-02	.3528-02	549.8	27.61	2.361
2	.90000	.52000-01	26.000	.6743-01	.8101-01	.1915-02	.2301-02	546.7	14.97	1.547
2	.90000	.10400	27.000	.4610-01	.5534-01	.1309-02	.1572-02	543.8	11.83	1.062
2	.90000	.15600	28.000	.4142-01	.4971-01	.1176-02	.1412-02	543.0	9.673	.9547
2	.90000	.20900	29.000	.4079-01	.4896-01	.1159-02	.1390-02	542.4	9.625	.9411
2	.91700	.00000	30.000	.1053	.1266	.2990-02	.3595-02	549.9	26.72	2.406
2	.91700	.52000-01	31.000	.6603-01	.7935-01	.1875-02	.2253-02	547.6	15.65	1.513
2	.91700	.10400	32.000	.5620-01	.6753-01	.1596-02	.1918-02	547.4	14.70	1.289
2	.91700	.15600	33.000	.6184-01	.7430-01	.1756-02	.2110-02	547.1	15.02	1.418
2	.91700	.20900	34.000	.5681-01	.6826-01	.1613-02	.1938-02	546.8	13.49	1.303
2	.93300	.00000	35.000	.1340	.1611	.3804-02	.4576-02	551.1	30.43	3.057
2	.93300	.52000-01	36.000	.1132	.1362	.3214-02	.3867-02	552.4	25.88	2.578
2	.93300	.10400	37.000	.8462-01	.1017	.2403-02	.2889-02	549.6	20.47	1.935
2	.93300	.20900	39.000	.6430-01	.7726-01	.1826-02	.2194-02	547.2	14.38	1.474
2	.95000	.00000	40.000	.1934	.2329	.5492-02	.6613-02	555.5	51.71	4.389
2	.95000	.52000-01	41.000	.1164	.1401	.3306-02	.3979-02	553.2	24.79	2.650
2	.95000	.10400	42.000	.7380-01	.8876-01	.2096-02	.2521-02	550.9	17.56	1.685
2	.95000	.15600	43.000	.6934-01	.8336-01	.1969-02	.2367-02	549.5	16.01	1.585
2	.95000	.20900	44.000	.6147-01	.7389-01	.1746-02	.2098-02	548.8	14.34	1.407
2	.95000	.28700	45.000	.4291-01	.5155-01	.1219-02	.1464-02	546.5	10.19	.9849
2	.95600	.00000	46.000	.2372	.2861	.6735-02	.8124-02	562.4	56.09	5.336

.0525 VERTICAL

PARAMETRIC DATA

MACH = 8.000 BETA = .4761-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
3	3.654	30.16	.4761-02	8.000	850.5	1357.	98.31	.8712-01	3.903	3888.	.2392-02	.7911-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
3	.2833-01	.1222-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
3	.81700	.00000	1.0000	.5698-01	.6843-01	.1615-02	.1939-02	545.5	12.15	1.310
3	.81700	.52000-01	2.0000	.2475-01	.2971-01	.7012-03	.8417-03	544.1	6.253	.5698
3	.81700	.10400	3.0000	.1494-01	.1792-01	.4233-03	.5078-03	541.6	3.829	.3450
3	.81700	.15600	4.0000	.1460-01	.1751-01	.4137-03	.4962-03	541.5	3.616	.3372
3	.81700	.20900	5.0000	.1646-01	.1974-01	.4663-03	.5594-03	541.6	3.768	.3801
3	.81700	.28700	6.0000	.1408-01	.1689-01	.3990-03	.4787-03	541.3	3.129	.3254
3	.83300	.00000	7.0000	.7570-01	.9098-01	.2145-02	.2578-02	548.5	17.51	1.733
3	.83300	.10400	8.0000	.2499-01	.2999-01	.7080-03	.8497-03	543.4	6.259	.5757
3	.83300	.20900	9.0000	.2312-01	.2774-01	.6549-03	.7859-03	542.2	5.127	.5334
3	.85000	.00000	10.000	.8581-01	.1032	.2431-02	.2323-02	549.9	19.81	1.962
3	.85000	.52000-01	11.000	.4595-01	.5521-01	.1302-02	.1564-02	548.1	11.70	1.053
3	.85000	.10400	12.000	.3240-01	.3891-01	.9180-03	.1102-02	545.8	7.966	.7444
3	.85000	.15600	13.000	.2980-01	.3577-01	.8444-03	.1014-02	543.8	6.592	.6864
3	.85000	.28700	15.000	.2150-01	.2581-01	.6091-03	.7313-03	545.2	4.891	.4943
3	.86700	.00000	16.000	.1003	.1207	.2842-02	.3419-02	551.6	22.77	2.288
3	.86700	.10400	17.000	.4355-01	.5230-01	.1234-02	.1482-02	546.0	10.21	1.000
3	.86700	.20900	18.000	.3285-01	.3944-01	.9307-03	.1118-02	545.0	7.158	.7554
3	.88300	.00000	19.000	.9081-01	.1092	.2573-02	.3095-02	551.8	22.98	2.071
3	.88300	.52000-01	20.000	.6873-01	.8262-01	.1947-02	.2341-02	549.7	14.85	1.571
3	.88300	.10400	21.000	.4880-01	.5861-01	.1383-02	.1661-02	546.0	11.34	1.121
3	.88300	.15600	22.000	.4301-01	.5166-01	.1219-02	.1464-02	546.9	9.543	.9867
3	.88300	.20900	23.000	.3488-01	.4190-01	.9884-03	.1187-02	546.8	7.811	.8005

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV22)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
3	.88300	.28700	24.000	.2406-01	.2890-01	.6817-03	.8189-03	547.0	5.433	.5520
3	.90000	.00000	25.000	.8499-01	.1023	.2408-02	.2898-02	554.7	22.52	1.931
3	.90000	.52000-01	26.000	.6844-01	.8231-01	.1939-02	.2332-02	551.2	15.08	1.562
3	.90000	.10400	27.000	.4556-01	.5475-01	.1291-02	.1551-02	548.7	11.59	1.043
3	.90000	.15600	28.000	.3957-01	.4755-01	.1121-02	.1347-02	548.3	9.158	.9063
3	.90000	.20900	29.000	.3907-01	.4695-01	.1107-02	.1330-02	548.1	9.129	.8951
3	.91700	.00000	30.000	.8784-01	.1057	.2489-02	.2996-02	555.0	22.10	1.995
3	.91700	.52000-01	31.000	.6664-01	.8017-01	.1888-02	.2272-02	552.7	15.66	1.518
3	.91700	.10400	32.000	.5543-01	.6669-01	.1570-02	.1889-02	553.2	14.35	1.262
3	.91700	.15600	33.000	.6181-01	.7437-01	.1751-02	.2107-02	553.3	14.85	1.407
3	.91700	.20900	34.000	.5681-01	.6835-01	.1610-02	.1937-02	553.1	13.34	1.293
3	.93300	.00000	35.000	.1148	.1382	.3252-02	.3916-02	556.8	25.82	2.601
3	.93300	.52000-01	36.000	.1153	.1389	.3266-02	.3937-02	560.5	26.00	2.600
3	.93300	.10400	37.000	.8566-01	.1032	.2427-02	.2923-02	557.0	20.45	1.941
3	.93300	.20900	39.000	.6445-01	.7756-01	.1826-02	.2197-02	554.0	14.25	1.466
3	.95000	.00000	40.000	.1742	.2105	.4935-02	.5963-02	569.4	45.46	3.886
3	.95000	.52000-01	41.000	.1172	.1413	.3320-02	.4003-02	562.3	24.56	2.637
3	.95000	.10400	42.000	.7290-01	.8784-01	.2066-02	.2489-02	558.8	17.11	1.648
3	.95000	.15600	43.000	.6857-01	.8259-01	.1943-02	.2340-02	557.6	15.61	1.552
3	.95000	.20900	44.000	.5838-01	.7067-01	.1663-02	.2002-02	557.0	13.50	1.330
3	.95000	.28700	45.000	.3306-01	.3979-01	.9368-03	.1127-02	554.2	7.750	.7518
3	.95600	.00000	46.000	.1920	.2323	.5441-02	.6583-02	575.0	44.42	4.253

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV23)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = -.6716-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
17	.5095	35.02	.0000	7.900	99.88	1238.	91.80	.1110-01	.4849	3711.	.3264-03	.7387-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
17	.9830-02	.3276-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
17	.81700	.00000	1.0000	.5237-01	.6353-01	.5148-03	.6245-03	532.9	3.387	.3628
17	.81700	.52000-01	2.0000	.1539-01	.1867-01	.1513-03	.1835-03	531.6	1.180	.1068
17	.81700	.10400	3.0000	.5765-02	.6988-02	.5667-04	.6869-04	530.8	.4469	.4005-01
17	.81700	.15600	4.0000	.3305-02	.4007-02	.3249-04	.3939-04	530.7	.2477	.2297-01
17	.81700	.20900	5.0000	.2845-02	.3449-02	.2797-04	.3390-04	530.8	.1970	.1977-01
17	.81700	.28700	6.0000	.1117-02	.1355-02	.1098-04	.1332-04	531.0	.7503-01	.7762-02
17	.83300	.00000	7.0000	.5991-01	.7267-01	.5889-03	.7143-03	533.0	4.226	.4150
17	.83300	.10400	8.0000	.9303-02	.1128-01	.9145-04	.1109-03	530.8	.7072	.6464-01
17	.83300	.20900	9.0000	.5644-02	.6842-02	.5548-04	.6725-04	530.8	.3791	.3922-01
17	.85000	.00000	10.000	.6251-01	.7583-01	.6144-03	.7453-03	533.1	4.408	.4329
17	.85000	.52000-01	11.000	.1792-01	.2173-01	.1762-03	.2136-03	531.3	1.395	.1244
17	.85000	.10400	12.000	.1036-01	.1256-01	.1019-03	.1235-03	530.9	.7761	.7199-01
17	.85000	.15600	13.000	.9038-02	.1096-01	.8884-04	.1077-03	530.8	.6071	.6280-01
17	.85000	.28700	15.000	.4097-02	.4969-02	.4027-04	.4884-04	532.1	.2831	.2842-01
17	.86700	.00000	16.000	.6529-01	.7920-01	.6418-03	.7785-03	532.9	4.544	.4523
17	.86700	.10400	17.000	.1284-01	.1556-01	.1262-03	.1530-03	530.5	.9182	.8924-01
17	.86700	.20900	18.000	.9264-02	.1123-01	.9106-04	.1104-03	531.1	.6140	.6434-01
17	.88300	.00000	19.000	.6072-01	.7366-01	.5969-03	.7241-03	533.0	4.712	.4206
17	.88300	.52000-01	20.000	.2290-01	.2777-01	.2251-03	.2730-03	531.5	1.517	.1590
17	.88300	.10400	21.000	.1404-01	.1702-01	.1380-03	.1673-03	531.5	.9329	.9743-01
17	.88300	.15600	22.000	.1224-01	.1485-01	.1204-03	.1460-03	531.9	.8279	.8495-01
17	.88300	.20900	23.000	.1034-01	.1254-01	.1016-03	.1232-03	532.1	.7050	.7171-01

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV23)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
17	.88300	.28700	24.000	.6692-02	.8118-02	.6578-04	.7980-04	533.0	.4595	.4635-01
17	.90000	.00000	25.000	.5624-01	.6825-01	.5528-03	.6709-03	534.4	4.581	.3888
17	.90000	.52000-01	26.000	.2389-01	.2898-01	.2348-03	.2848-03	532.7	1.613	.1656
17	.90000	.10400	27.000	.1356-01	.1645-01	.1333-03	.1617-03	532.2	1.054	.9406-01
17	.90000	.15600	28.000	.1357-01	.1646-01	.1334-03	.1618-03	533.0	.9571	.9399-01
17	.90000	.20900	29.000	.1556-01	.1888-01	.1530-03	.1856-03	532.9	1.108	.1078
17	.91700	.00000	30.000	.5712-01	.6933-01	.5615-03	.6815-03	534.8	4.417	.3947
17	.91700	.52000-01	31.000	.2540-01	.3082-01	.2497-03	.3030-03	533.8	1.831	.1758
17	.91700	.10400	32.000	.1782-01	.2162-01	.1752-03	.2126-03	533.4	1.417	.1234
17	.91700	.15600	33.000	.2332-01	.2830-01	.2292-03	.2782-03	534.0	1.720	.1613
17	91700	.20900	34.000	.2227-01	.2702-01	.2189-03	.2656-03	533.8	1.605	.1541
17	.93300	.00000	35.000	.6297-01	.7645-01	.6189-03	.7515-03	535.8	4.358	.4344
17	.93300	.52000-01	36.000	.3940-01	.4783-01	.3873-03	.4701-03	535.0	2.756	.2722
17	.93300	.10400	37.000	.3066-01	.3721-01	.3014-03	.3658-03	534.4	2.260	.2120
17	.93300	.20900	39.000	.2256-01	.2737-01	.2217-03	.2691-03	534.2	1.532	.1560
17	.95000	.00000	40.000	.6903-01	.8386-01	.6785-03	.8243-03	537.8	5.645	.4749
17	.95000	.52000-01	41.000	.4767-01	.5788-01	.4686-03	.5689-03	535.8	3.104	.3289
17	.95000	.10400	42.000	.2798-01	.3397-01	.2751-03	.3339-03	535.3	2.030	.1932
17	.95000	.15600	43.000	.2554-01	.3100-01	.2510-03	.3048-03	535.7	1.792	.1762
17	.95000	.20900	44.000	.2037-01	.2473-01	.2002-03	.2431-03	535.7	1.442	.1406
17	.95000	.28700	45.000	.7784-02	.9448-02	.7651-04	.9287-04	535.2	.5594	.5374-01
17	.95600	.00000	46.000	.8891-01	.1081	.8739-03	.1062-02	539.7	6.486	.6100

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV23)

.0525 VERTICAL PARAMETRIC DATA

MACH = 7.962 BETA = -.6716-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
13	1.030	35.05	-.1364-02	7.940	205.9	1243.	91.31	.2215-01	.9775	3719.	.6547-03	.7348-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
13	.1397-01	.23.4-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
13	.81700	.00000	1.0000	.5193-01	.6291-01	.7252-03	.8786-03	530.8	4.825	.5163
13	.81700	.52000-01	2.0000	.1348-01	.1632-01	.1882-03	.2279-03	528.8	1.486	.1344
13	.81700	.10400	3.0000	.5346-02	.6470-02	.7466-04	.9036-04	527.5	.5968	.5339-01
13	.81700	.15600	4.0000	.4010-02	.4853-02	.5601-04	.6778-04	527.2	.4329	.4007-01
13	.81700	.20900	5.0000	.3445-02	.4168-02	.4811-04	.5821-04	526.9	.3439	.3443-01
13	.81700	.28700	6.0000	.1555-02	.1881-02	.2171-04	.2627-04	526.4	.1507	.1555-01
13	.83300	.00000	7.0000	.6388-01	.7742-01	.8921-03	.1081-02	532.0	6.460	.6340
13	.83300	.10400	8.0000	.9527-02	.1153-01	.1331-03	.1610-03	527.7	1.042	.9513-01
13	.83300	.20900	9.0000	.7267-02	.8796-02	.1015-03	.1228-03	527.6	.7027	.7257-01
13	.85000	.00000	10.000	.6837-01	.8287-01	.9548-03	.1157-02	532.4	6.909	.6782
13	.85000	.52000-01	11.000	.1815-01	.2197-01	.2534-03	.3069-03	529.0	2.030	.1809
13	.85000	.10400	12.000	.1197-01	.1449-01	.1671-03	.2024-03	528.4	1.289	.1194
13	.85000	.15600	13.000	.1156-01	.1399-01	.1614-03	.1953-03	528.0	1.116	.1153
13	.85000	.28700	15.000	.6527-02	.7902-02	.9115-04	.1104-03	528.6	.6495	.6509-01
13	.86700	.00000	16.000	.7425-01	.9001-01	.1037-02	.1257-02	532.7	7.398	.7362
13	.86700	.10400	17.000	.1693-01	.2050-01	.2364-03	.2862-03	528.7	1.738	.1688
13	.86700	.20900	18.000	.1390-01	.1683-01	.1941-03	.2350-03	528.8	1.324	.1386
13	.88300	.00000	19.000	.7082-01	.8586-01	.9891-03	.1199-02	533.4	7.057	.7015
13	.88300	.52000-01	20.000	.3226-01	.3907-01	.4505-03	.5457-03	530.6	3.062	.3208
13	.88300	.10400	21.000	.2217-01	.2685-01	.3096-03	.3750-03	530.0	2.250	.2206
13	.88300	.15600	22.000	.1922-01	.2329-01	.2684-03	.3252-03	530.7	1.864	.1911
13	.88300	.20900	23.000	.1767-01	.2140-01	.2467-03	.2989-03	530.6	1.728	.1757

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV23)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
13	.88300	.28700	24.000	.1374-01	.1664-01	.1910-03	.2324-03	530.4	1.356	.1366
13	.90000	.00000	25.000	6680-01	.8101-01	.9329-03	.1131-02	534.5	7.783	.6606
13	.90000	.52000-01	26.000	.4010-01	.4861-01	.5600-03	.6788-03	532.9	3.871	.3974
13	.90000	.10400	27.000	.2647-01	.3208-01	.3696-03	.4480-03	532.4	2.942	.2626
13	.90000	.15600	28.000	.2526-01	.3062-01	.3528-03	.4276-03	532.7	2.551	.2505
13	.90000	.20900	29.000	.2582-01	.3129-01	.3605-03	.4370-03	532.5	2.632	.2561
13	.91700	.00000	30.000	.7341-01	.8907-01	.1025-02	.1244-02	535.6	8.109	.7249
13	.91700	.52000-01	31.000	.4918-01	.5966-01	.6868-03	.8332-03	535.0	5.059	.4860
13	.91700	.10400	32.000	.3630-01	.4403-01	.5069-03	.6149-03	535.0	4.117	.3587
13	.91700	.15600	33.000	.3985-01	.4833-01	.5565-03	.6750-03	535.0	4.197	.3939
13	.91700	.20900	34.000	.3737-01	.4532-01	.5219-03	.6330-03	534.7	3.847	.3695
13	.93300	.00000	35.000	.8806-01	.1069	.1230-02	.1493-02	537.3	8.696	.8675
13	.93300	.52000-01	36.000	.7424-01	.9016-01	.1037-02	.1259-02	538.8	7.376	.7298
13	.93300	.10400	37.000	.5920-01	.7187-01	.8268-03	.1004-02	537.8	6.203	.5828
13	.93300	.20900	39.000	.4799-01	.5821-01	.6702-03	.8130-03	535.2	4.654	.4741
13	.95000	.00000	40.000	.1072	.1304	.1498-02	.1821-02	541.7	12.46	1.050
13	.95000	.52000-01	41.000	.9948-01	.1209	.1389-02	.1688-02	540.2	9.191	.9759
13	.95000	.10400	42.000	.7017-01	.8527-01	.9800-03	.1191-02	540.7	7.207	.6879
13	.95000	.15600	43.000	.6146-01	.7463-01	.8583-03	.1042-02	538.6	6.136	.6043
13	.95000	.20900	44.000	.5110-01	.6207-01	.7136-03	.8662-03	537.3	5.162	.5034
13	.95000	.28700	45.000	.2905-01	.3526-01	.4057-03	.4920-03	534.8	2.989	.2871
13	.95600	.00000	46.000	.1401	.1704	.1956-02	.2380-02	544.3	14.49	1.366

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = -.6716-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
10	1.988	35.08	-.1340-02	7.980	436.0	1310.	95.35	.4539-01	2.023	3820.	.1285-02	.7672-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
10	.2028-01	.1661-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
10	.81700	.00000	1.0000	.4505-01	.5433-01	.9134-03	.1102-02	543.3	6.500	.7000
10	.81700	.52000-01	2.0000	.1811-01	.2183-01	.3672-03	.4426-03	540.9	3.103	.2823
10	.81700	.10400	3.0000	.1080-01	.1301-01	.2190-03	.2638-03	539.7	1.873	.1686
10	.81700	.15600	4.0000	.9772-02	.1177-01	.1981-03	.2387-03	539.8	1.637	.1525
10	.81700	.20900	5.0000	.9104-02	.1097-01	.1846-03	.2224-03	540.0	1.410	.1421
10	.81700	.28700	6.0000	.5437-02	.6553-02	.1102-03	.1329-03	540.6	.8157	.8479-01
10	.83300	.00000	7.0000	.6353-01	.7666-01	.1288-02	.1554-02	545.4	9.961	.9844
10	.83300	.10400	8.0000	.1998-01	.2408-01	.4051-03	.4882-03	540.6	3.391	.3115
10	.83300	.20900	9.0000	.1682-01	.2027-01	.3411-03	.4111-03	540.6	2.523	.2623
10	.85000	.00000	10.000	.7645-01	.9230-01	.1550-02	.1871-02	547.1	11.95	1.182
10	.85000	.52000-01	11.000	.3672-01	.4429-01	.7445-03	.8981-03	543.9	6.350	.5701
10	.85000	.10400	12.000	.2624-01	.3405-01	.5726-03	.6904-03	542.1	4.713	.4395
10	.85000	.15600	13.000	.2720-01	.3278-01	.5514-03	.6647-03	541.4	4.074	.4236
10	.85000	.28700	15.000	.1656-01	.1997-01	.3357-03	.4050-03	544.1	2.545	.2570
10	.86700	.00000	16.000	.9617-01	.1162	.1950-02	.2355-02	549.0	14.78	1.483
10	.86700	.10400	17.000	.3984-01	.4806-01	.8078-03	.9744-03	543.7	6.324	.6188
10	.86700	.20900	18.000	.3428-01	.4135-01	.6950-03	.8384-03	544.0	5.045	.5321
10	.88300	.00000	19.000	.9732-01	.1176	.1973-02	.2384-02	549.3	16.67	1.500
10	.88300	.52000-01	20.000	.6118-01	.7384-01	.1240-02	.1497-02	545.9	8.973	.9474
10	.88300	.10400	21.000	.4794-01	.5785-01	.9720-03	.1173-02	545.5	7.517	.7428
10	.88300	.15600	22.000	.4727-01	.5707-01	.9584-03	.1157-02	547.1	7.069	.7309
10	.88300	.20900	23.000	.4156-01	.5017-01	.8426-03	.1017-02	547.0	6.270	.6426

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV23)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
10	.88300	.28700	24.000	.2944-01	.3555-01	.5969-03	.7208-03	547.7	4.475	.4548
10	.90000	.00000	25.000	.9709-01	.1174	.1969-02	.2380-02	552.2	17.41	1.491
10	.90000	.52000-01	26.000	.6807-01	.8222-01	.1380-02	.1667-02	548.5	10.15	1.051
10	.90000	.10400	27.000	.4787-01	.5781-01	.9707-03	.1172-02	547.6	8.225	.7397
10	.90000	.15600	28.000	.4702-01	.5681-01	.9533-03	.1152-02	549.8	7.314	.7244
10	.90000	.20900	29.000	.4793-01	.5791-01	.9718-03	.1174-02	549.8	7.524	.7384
10	.91700	.00000	30.000	.9887-01	.1196	.2005-02	.2424-02	552.7	16.83	1.517
10	.91700	.52000-01	31.000	.7382-01	.8924-01	.1497-02	.1810-02	551.7	11.71	1.135
10	.91700	.10400	32.000	.5227-01	.6318-01	.1060-02	.1281-02	551.2	9.150	.8038
10	.91700	.15600	33.000	.5500-01	.6649-01	.1115-02	.1348-02	551.3	8.940	.8458
10	.91700	.20900	34.000	.5468-01	.6610-01	.1109-02	.1340-02	551.6	8.676	.8405
10	.93300	.00000	35.000	.1122	.1357	.2274-02	.2751-02	554.0	17.08	1.719
10	.93300	.52000-01	36.000	.1064	.1288	.2157-02	.2611-02	556.2	16.29	1.625
10	.93300	.10400	37.000	.7863-01	.9513-01	.1594-02	.1929-02	554.4	12.71	1.204
10	.93300	.20900	39.000	.6574-01	.7950-01	.1333-02	.1612-02	553.1	9.808	1.008
10	.95000	.00000	40.000	.1342	.1627	.2721-02	.3298-02	561.6	23.91	2.035
10	.95000	.52000-01	41.000	.1107	.1340	.2245-02	.2718-02	557.0	15.78	1.690
10	.95000	.10400	42.000	.7604-01	.9205-01	.1542-02	.1867-02	556.7	12.06	1.161
10	.95000	.15600	43.000	.7218-01	.8736-01	.1464-02	.1771-02	555.9	11.10	1.103
10	.95000	.20900	44.000	.6592-01	.7980-01	.1337-02	.1618-02	556.8	10.22	1.006
10	.95000	.28700	45.000	.4593-01	.5560-01	.9313-03	.1127-02	556.7	7.221	.7013
10	.95600	.00000	46.000	.1466	.1778	.2972-02	.3604-02	563.4	23.30	2.218

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV23)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = -.6716-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
7	3.008	35.14	-.1301-02	7.990	673.3	1325.	96.21	.6952-01	3.107	3842.	.1950-02	.7742-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
7	.2518-01	.1350-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
7	.81700	.00000	1.0000	.5463-01	.6583-01	.1375-02	.1657-02	546.3	9.926	1.071
7	.81700	.52000-01	2.0000	.3161-01	.3809-01	.7959-03	.9589-03	545.3	6.803	.6203
7	.81700	.10400	3.0000	.1900-01	.2287-01	.4782-03	.5757-03	542.2	4.151	.3742
7	.81700	.15600	4.0000	.1537-01	.1850-01	.3870-03	.4658-03	542.1	3.247	.3028
7	.81700	.20900	5.0000	.1276-01	.1535-01	.3211-03	.3865-03	541.6	2.493	.2515
7	.81700	.28700	6.0000	.5377-02	.6471-02	.1354-03	.1629-03	541.3	1.020	.1060
7	.83300	.00000	7.0000	.8058-01	.9718-01	.2029-02	.2447-02	549.2	15.89	1.573
7	.83300	.10400	8.0000	.3538-01	.4262-01	.8907-03	.1073-02	545.0	7.543	.6945
7	.83300	.20900	9.0000	.2433-01	.2930-01	.6126-03	.7377-03	543.1	4.600	.4788
7	.85000	.00000	10.000	.9389-01	.1133	.2364-02	.2853-02	551.5	18.44	1.828
7	.85000	.52000-01	11.000	.6109-01	.7369-01	.1538-02	.1855-02	549.6	13.24	1.192
7	.85000	.10400	12.000	.4723-01	.5692-01	.1189-02	.1433-02	546.7	9.894	.9250
7	.85000	.15600	13.000	.4444-01	.5353-01	.1119-02	.1348-02	544.8	8.375	.8725
7	.85000	.28700	15.000	.2287-01	.2756-01	.5757-03	.6938-03	546.4	4.431	.4481
7	.86700	.00000	16.000	.1120	.1352	.2819-02	.3403-02	553.0	21.63	2.175
7	.86700	.10400	17.000	.5891-01	.7103-01	.1483-02	.1788-02	548.4	11.74	1.151
7	.86700	.20900	18.000	.5066-01	.6107-01	.1275-02	.1537-02	547.8	9.374	.9907
7	.88300	.00000	19.000	.1029	.1242	.2589-02	.3127-02	553.6	22.13	1.997
7	.88300	.52000-01	20.000	.8206-01	.9904-01	.2066-02	.2493-02	551.7	15.08	1.597
7	.88300	.10400	21.000	.6397-01	.7715-01	.1610-02	.1942-02	549.0	12.62	1.249
7	.88300	.15600	22.000	.6233-01	.7521-01	.1569-02	.1894-02	551.4	11.71	1.213
7	.88300	.20900	23.000	.5521-01	.6662-01	.1390-02	.1677-02	551.0	10.47	1.075

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV23)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
7	.88300	.28700	24.000	.4208-01	.5079-01	.1059-02	.1279-02	552.3	8.032	.8182
7	.90000	.00000	25.000	.9509-01	.1149	.2394-02	.2893-02	556.5	21.43	1.839
7	.90000	.52000-01	26.000	.7882-01	.9518-01	.1984-02	.2396-02	554.0	14.74	1.529
7	.90000	.10400	27.000	.6017-01	.7264-01	.1515-02	.1829-02	553.3	12.95	1.168
7	.90000	.15600	28.000	.5520-01	.6666-01	.1390-02	.1678-02	554.1	10.79	1.071
7	.90000	.20900	29.000	.5251-01	.6341-01	.1322-02	.1596-02	553.7	10.37	1.019
7	.91700	.00000	30.000	.9375-01	.1133	.2360-02	.2853-02	557.3	20.04	1.811
7	.91700	.52000-01	31.000	.7189-01	.8686-01	.1810-02	.2187-02	556.2	14.32	1.391
7	.91700	.10400	32.000	.5913-01	.7146-01	.1489-02	.1799-02	556.8	12.98	1.143
7	.91700	.15600	33.000	.6094-01	.7363-01	.1534-02	.1854-02	556.2	12.43	1.179
7	.91700	.20900	34.000	.5730-01	.6923-01	.1442-02	.1743-02	556.1	11.42	1.109
7	.93300	.00000	35.000	.1122	.1356	.2824-02	.3414-02	557.9	21.48	2.165
7	.93300	.52000-01	36.000	.1125	.1362	.2832-02	.3428-02	562.8	21.55	2.158
7	.93300	.10400	37.000	.8752-01	.1059	.2203-02	.2665-02	560.1	17.73	1.685
7	.93300	.20900	39.000	.7331-01	.8863-01	.1846-02	.2231-02	558.5	13.72	1.414
7	.95000	.00000	40.000	.1427	.1730	.3592-02	.4355-02	569.1	31.76	2.714
7	.95000	.52000-01	41.000	.1078	.1306	.2715-02	.3287-02	563.5	19.23	2.066
7	.95000	.10400	42.000	.7808-01	.9454-01	.1966-02	.2380-02	563.6	15.50	1.496
7	.95000	.15600	43.000	.7672-01	.9285-01	.1932-02	.2338-02	562.1	14.78	1.473
7	.95000	.20900	44.000	.6886-01	.8333-01	.1733-02	.2098-02	562.1	13.39	1.322
7	.95000	.28700	45.000	.4811-01	.5818-01	.1211-02	.1465-02	559.5	9.529	.9268
7	.95600	.00000	46.000	.1522	.1847	.3833-02	.4651-02	571.7	30.20	2.886

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = -.6716-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
4	3.692	35.15	.6471-03	8.000	855.6	1353.	98.02	.8764-01	3.926	3883.	.2413-02	.7888-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
4	.2840-01	.1216-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
4	.81700	.00000	1.0000	.5531-01	.6643-01	.1571-02	.1887-02	544.6	11.78	1.270
4	.81700	.52000-01	2.0000	.4564-01	.5483-01	.1296-02	.1557-02	545.8	11.47	1.046
4	.81700	.10400	3.0000	.3002-01	.3604-01	.8527-03	.1024-02	542.6	7.662	.6908
4	.81700	.15600	4.0000	.2375-01	.2850-01	.6746-03	.8096-03	541.4	5.869	.5472
4	.81700	.20900	5.0000	.1886-01	.2263-01	.5357-03	.6427-03	540.4	4.316	.4351
4	.81700	.28700	6.0000	.7864-02	.9434-02	.2234-03	.2680-03	539.7	1.748	.1816
4	.83300	.00000	7.0000	.8085-01	.9720-01	.2296-02	.2761-02	548.7	18.65	1.846
4	.83300	.10400	8.0000	.4813-01	.5781-01	.1367-02	.1642-02	544.8	12.00	1.104
4	.83300	.20900	9.0000	.3476-01	.4173-01	.9874-03	.1185-02	542.9	7.682	.7996
4	.85000	.00000	10.000	.8878-01	.1068	.2522-02	.3033-02	550.3	20.42	2.023
4	.85000	.52000-01	11.000	.6763-01	.8134-01	.1921-02	.2311-02	550.1	17.12	1.542
4	.85000	.10400	12.000	.5606-01	.6738-01	.1592-02	.1914-02	547.8	13.70	1.282
4	.85000	.15600	13.000	.5507-01	.6615-01	.1564-02	.1879-02	545.1	12.12	1.263
4	.85000	.28700	15.000	.2963-01	.3560-01	.8415-03	.1011-02	546.6	6.708	.6783
4	.86700	.00000	16.000	.1051	.1265	.2985-02	.3592-02	552.3	23.77	2.389
4	.86700	.10400	17.000	.6332-01	.7614-01	.1799-02	.2163-02	548.9	14.74	1.446
4	.86700	.20900	18.000	.5837-01	.7017-01	.1658-02	.1993-02	547.8	12.63	1.335
4	.88300	.00000	19.000	.9753-01	.1174	.2770-02	.3334-02	552.6	24.58	2.216
4	.88300	.52000-01	20.000	.7440-01	.8947-01	.2113-02	.2541-02	549.9	16.03	1.696
4	.88300	.10400	21.000	.6269-01	.7536-01	.1781-02	.2141-02	548.2	14.48	1.433
4	.88300	.15600	22.000	.6431-01	.7736-01	.1827-02	.2197-02	550.9	14.14	1.465
4	.88300	.20900	23.000	.5869-01	.7059-01	.1667-02	.2005-02	550.3	13.03	1.338

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV23)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
4	.88300	.28700	24.000	.4603-01	.5538-01	.1308-02	.1573-02	551.0	10.30	1.048
4	.90000	.00000	25.000	.9284-01	.1118	.2637-02	.3176-02	555.5	24.51	2.102
4	.90000	.52000-01	26.000	.6774-01	.8151-01	.1924-02	.2315-02	552.4	14.85	1.540
4	.90000	.10400	27.000	.5204-01	.6261-01	.1478-02	.1778-02	551.5	13.14	1.184
4	.90000	.15600	28.000	.5206-01	.6264-01	.1479-02	.1779-02	552.1	11.94	1.184
4	.90000	.20900	29.000	.5092-01	.6126-01	.1446-02	.1740-02	551.6	11.79	1.159
4	.91700	.00000	30.000	.9404-01	.1133	.2671-02	.3217-02	555.6	23.58	2.129
4	.91700	.52000-01	31.000	.6321-01	.7610-01	.1795-02	.2162-02	554.3	14.78	1.433
4	.91700	.10400	32.000	.5712-01	.6879-01	.1623-02	.1954-02	555.3	14.70	1.294
4	.91700	.15600	33.000	.6271-01	.7551-01	.1781-02	.2145-02	554.9	14.99	1.421
4	.91700	.20900	34.000	.5987-01	.7209-01	.1700-02	.2048-02	555.1	13.98	1.356
4	.93300	.00000	35.000	.1125	.1355	.3194-02	.3848-02	556.3	25.26	2.544
4	.93300	.52000-01	36.000	.1110	.1339	.3152-02	.3803-02	562.5	24.87	2.490
4	.93300	.10400	37.000	.9003-01	.1085	.2557-02	.3083-02	559.5	21.35	2.028
4	.93300	.20900	39.000	.7739-01	.9325-01	.2198-02	.2649-02	557.2	16.97	1.749
4	.95000	.00000	40.000	.1513	.1828	.4298-02	.5193-02	567.8	39.50	3.373
4	.95000	.52000-01	41.000	.1072	.1294	.3045-02	.3675-02	563.7	22.36	2.402
4	.95000	.10400	42.000	.7454-01	.8993-01	.2117-02	.2554-02	562.0	17.35	1.674
4	.95000	.15600	43.000	.7325-01	.9835-01	.2080-02	.2510-02	561.6	16.52	1.646
4	.95000	.20900	44.000	.6476-01	.7812-01	.1839-02	.2219-02	561.7	14.74	1.455
4	.95000	.28700	45.000	.4321-01	.5208-01	.1227-02	.1479-02	558.7	10.02	.9744
4	.95600	.00000	46.000	.1651	.1997	.4689-02	.5671-02	571.6	30.32	3.662

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = .1509-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
18	.5099	40.01	-.2099-02	7.900	99.96	1238.	91.80	.1111-01	.4853	3711.	.3266-03	.7387-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
18	.9834-02	.3275-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
18	.81700	.00000	1.0000	.3337-01	.4046-01	.3282-03	.3979-03	531.4	2.165	.2318
18	.81700	.52000-01	2.0000	.1203-01	.1458-01	.1183-03	.1434-03	531.1	.9231	.8356-01
18	.81700	.10400	3.0000	.3308-02	.4010-02	.3253-04	.3943-04	529.8	.2571	.2303-01
18	.81700	.15600	4.0000	.2142-02	.2596-02	.2106-04	.2552-04	529.9	.1608	.1491-01
18	.81700	.20900	5.0000	.2376-02	.2880-02	.2336-04	.2832-04	530.2	.1648	.1653-01
18	.81700	.28700	6.0000	.1075-02	.1303-02	.1057-04	.1281-04	530.4	.7230-01	.7477-02
18	.83300	.00000	7.0000	.4368-01	.5298-01	.4296-03	.5209-03	532.1	3.088	.3031
18	.83300	.10400	8.0000	.6254-02	.7579-02	.6150-04	.7453-04	530.0	.4764	.4352-01
18	.83300	.20900	9.0000	.4612-02	.5590-02	.4535-04	.5497-04	530.2	.3103	.3208-01
18	.85000	.00000	10.000	.4794-01	.5815-01	.4714-03	.5718-03	532.5	3.386	.3324
18	.85000	.52000-01	11.000	.1451-01	.1760-01	.1427-03	.1730-03	530.7	1.132	.1009
18	.85000	.10400	12.000	.6847-02	.8299-02	.6733-04	.8161-04	530.1	.5139	.4764-01
18	.85000	.15600	13.000	.5354-02	.6489-02	.5265-04	.6381-04	530.0	.3603	.3726-01
18	.35000	.28700	15.000	.9668-03	.1172-02	.9508-05	.1153-04	531.5	.6691-01	.6714-02
18	.86700	.00000	16.000	.5201-01	.6309-01	.5115-03	.6204-03	532.5	3.624	.3607
18	.86700	.10400	17.000	.8452-02	.1024-01	.8311-04	.1007-03	529.8	.6056	.5884-01
18	.86700	.20900	18.000	.4201-02	.5092-02	.4131-04	.5008-04	530.4	.2789	.2922-01
18	.88300	.00000	19.000	.4927-01	.5976-01	.4845-03	.5877-03	532.9	3.825	.3415
18	.88300	.52000-01	20.000	.1990-01	.2412-01	.1957-03	.2372-03	531.2	1.319	.1382
18	.88300	.10400	21.000	.9657-02	.1171-01	.9496-04	.1151-03	530.9	.6842	.6712-01
18	.88300	.15600	22.000	.6683-02	.8102-02	.6572-04	.7968-04	531.2	.4526	.4643-01
18	.88300	.20900	23.000	.5478-02	.6643-02	.5387-04	.6532-04	531.5	.3741	.3804-01

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV24)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
18	.88300	.28700	24.000	.1257-02	.1525-02	.1236-04	.1500-04	532.3	.8648-01	.8721-02
18	.90000	.00000	25.000	.4749-01	.5763-01	.4670-03	.5667-03	534.5	3.869	.3284
18	.90000	.52000-01	26.000	.2292-01	.2780-01	.2254-03	.2734-03	532.5	1.549	.1590
18	.90000	.10400	27.000	.1180-01	.1431-01	.1160-03	.1407-03	532.5	.9168	.8182-01
18	.90000	.15600	28.000	.9334-02	.1132-01	.9179-04	.1113-03	532.6	.6592	.6472-01
18	.90000	.20900	29.000	.8528-02	.1034-01	.8386-04	.1017-03	532.8	.6076	.5911-01
18	.91700	.00000	30.000	.5055-01	.6136-01	.4971-03	.6034-03	535.1	3.909	.3493
18	.91700	.52000-01	31.000	.2696-01	.3271-01	.2651-03	.3217-03	534.0	1.943	.1865
18	.91700	.10400	32.000	.1545-01	.1874-01	.1519-03	.1843-03	533.4	1.229	.1070
18	.91700	.15600	33.000	.1341-01	.1627-01	.1319-03	.1600-03	533.5	.9905	.9286-01
18	.91700	.20900	34.000	.1158-01	.1405-01	.1139-03	.1382-03	533.6	.8353	.8019-01
18	.93300	.00000	35.000	.6057-01	.7353-01	.5956-03	.7231-03	535.9	4.193	.4179
18	.93300	.52000-01	36.000	.3578-01	.4343-01	.3518-03	.4270-03	535.1	2.503	.2472
18	.93300	.10400	37.000	.1813-01	.2200-01	.1782-03	.2163-03	534.4	1.336	.1254
18	.93300	.20900	39.000	.1045-01	.1269-01	.1028-03	.1248-03	534.1	.7103	.7233-01
18	.95000	.00000	40.000	.6014-01	.7307-01	.5914-03	.7186-03	538.1	4.918	.4137
18	.95000	.52000-01	41.000	.3259-01	.3956-01	.3204-03	.3890-03	535.6	2.124	.2250
18	.95000	.10400	42.000	.1465-01	.1779-01	.1441-03	.1749-03	535.7	1.062	.1011
18	.95000	.15600	43.000	.1090-01	.1323-01	.1072-03	.1301-03	535.6	.7655	.7527-01
18	.95000	.20900	44.000	.7410-02	.8996-02	.7287-04	.8847-04	535.6	.5251	.5116-01
18	.95000	.28700	45.000	.9965-03	.1209-02	.9799-05	.1189-04	534.7	.7171-01	.6888-02
18	.95600	.00000	46.000	.6622-01	.8049-01	.6511-03	.7915-03	539.8	4.831	.4544

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV24)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = .1509-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
14	1.027	40.03	.3172-02	7.940	205.2	1243.	91.31	.2208-01	.9742	3719.	.6525-03	.7348-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
14	.1394-01	.2318-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
14	.81700	.00000	1.0000	.4047-01	.4901-01	.5642-03	.6834-03	529.9	3.760	.4021
14	.81700	.52000-01	2.0000	.1194-01	.1446-01	.1665-03	.2016-03	528.6	1.315	.1189
14	.81700	.10400	3.0000	.3802-02	.4601-02	.5300-04	.6415-04	527.5	.4236	.3790-01
14	.81700	.15600	4.0000	.3249-02	.3933-02	.4530-04	.5483-04	527.6	.3499	.3240-01
14	.81700	.20900	5.0000	.3469-02	.4199-02	.4837-04	.5854-04	527.8	.3452	.3458-01
14	.81700	.28700	6.0000	.1846-02	.2234-02	.2573-04	.3115-04	527.7	.1782	.1840-01
14	.83300	.00000	7.0000	.4976-01	.6028-01	.6938-03	.8404-03	530.5	5.038	.4941
14	.83300	.10400	8.0000	.6847-02	.8289-02	.9547-04	.1156-03	528.1	.7474	.6822-01
14	.83300	.20900	9.0000	.5908-02	.7152-02	.8236-04	.9971-04	528.3	.5695	.5884-01
14	.85000	.00000	10.000	.5278-01	.6394-01	.7358-03	.8914-03	530.8	5.340	.5238
14	.85000	.52000-01	11.000	.1653-01	.2002-01	.2305-03	.2791-03	529.4	1.845	.1644
14	.85000	.10400	12.000	.7934-02	.9605-02	.1106-03	.1339-03	528.7	.8525	.7898-01
14	.85000	.15600	13.000	.6485-02	.7852-02	.9042-04	.1095-03	528.6	.6248	.6456-01
14	.85000	.28700	15.000	.2715-02	.3288-02	.3785-04	.4584-04	529.8	.2691	.2698-01
14	.86700	.00000	16.000	.5742-01	.6957-01	.8005-03	.9699-03	531.2	5.728	.5696
14	.86700	.10400	17.000	.1020-01	.1235-01	.1423-03	.1722-03	529.0	1.045	.1015
14	.86700	.20900	18.000	.7383-02	.8942-02	.1029-03	.1247-03	529.8	.7006	.7337-01
14	.88300	.00000	19.000	.5316-01	.6442-01	.7411-03	.8981-03	531.8	5.905	.5268
14	.88300	.52000-01	20.000	.2405-01	.2913-01	.3353-03	.4062-03	530.4	2.280	.2388
14	.88300	.10400	21.000	.1211-01	.1467-01	.1688-03	.2045-03	530.5	1.226	.1203
14	.88300	.15600	22.000	.1051-01	.1273-01	.1465-03	.1775-03	531.0	1.017	.1043
14	.88300	.20900	23.000	.1009-01	.1222-01	.1406-03	.1704-03	531.9	.9828	.9997-01

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV24)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
14	.88300	.28700	24.000	.5648-02	.6845-02	.7875-04	.9543-04	531.9	.5551	.5597-01
14	.90000	.00000	25.000	.5116-01	.6205-01	.7133-03	.8651-03	534.2	5.955	.5054
14	.90000	.52000-01	26.000	.2792-01	.3384-01	.3893-03	.4718-03	532.7	2.692	.2764
14	.90000	.10400	27.000	.1560-01	.1891-01	.2174-03	.2636-03	533.0	1.728	.1543
14	.90000	.15600	28.000	.1522-01	.1845-01	.2122-03	.2573-03	533.6	1.532	.1505
14	90000	.20900	29.000	.1535-01	.1861-01	.2140-03	.2594-03	533.8	1.558	.1517
14	.91700	.00000	30.000	.5592-01	.6785-01	.7797-03	.9460-03	535.8	6.164	.5511
14	.91700	.52000-01	31.000	.3492-01	.4236-01	.4868-03	.5906-03	535.6	3.582	.3442
14	.91700	.10400	32.000	.2289-01	.2776-01	.3191-03	.3871-03	535.5	2.589	.2256
14	.91700	.15600	33.000	.2304-01	.2795-01	.3212-03	.3897-03	535.7	2.419	.2271
14	.91700	.20900	34.000	.2032-01	.2465-01	.2834-03	.3437-03	535.2	2.087	.2005
14	.93300	.00000	35.000	.7354-01	.8930-01	.1025-02	.1245-02	538.5	7.232	.7219
14	.93300	.52000-01	36.000	.5311-01	.6450-01	.7405-03	.8993-03	539.7	5.270	.5213
14	.93300	.10400	37.000	.3142-01	.3815-01	.4381-03	.5319-03	537.9	3.286	.3068
14	.93300	.20900	39.000	.2033-01	.2467-01	.2834-03	.3440-03	536.6	1.963	.2001
14	.95000	.00000	40.000	.9315-01	.1132	.1299-02	.1579-02	542.4	10.79	.9094
14	.95000	.52000-01	41.000	.5526-01	.6714-01	.7705-03	.9361-03	540.5	5.095	.5410
14	.95000	.10400	42.000	.2598-01	.3156-01	.3623-03	.4401-03	539.6	2.670	.2547
14	.95000	.15600	43.000	.2232-01	.2710-01	.3111-03	.3778-03	538.8	2.224	.2190
14	.95000	.20900	44.000	.1724-01	.2093-01	.2403-03	.2918-03	538.4	1.734	.1692
14	.95000	.28700	45.000	.5471-02	.6639-02	.7628-04	.9256-04	536.3	.5605	.5388-01
14	.95600	.00000	46.000	.1188	.1446	.1657-02	.2016-02	545.3	12.25	1.155

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV24)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = .1509-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
11	1.998	40.07	.3218-02	7.980	437.6	1309.	95.27	.4556-01	2.031	3818.	.1291-02	.7667-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
11	.2031-01	.1657-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
11	.81700	.00000	1.0000	.4257-01	.5134-01	.8647-03	.1043-02	542.6	6.153	.6624
11	.81700	.52000-01	2.0000	.1374-01	.1656-01	.2790-03	.3364-03	540.8	2.355	.2143
11	.81700	.10400	3.0000	.4419-02	.5325-02	.8975-04	.1082-03	539.6	.7667	.6902-01
11	.81700	.15600	4.0000	.3473-02	.4185-02	.7053-04	.8500-04	539.9	.5820	.5422-01
11	.81700	.20900	5.0000	.3709-02	.4470-02	.7533-04	.9080-04	540.6	.5739	.5786-01
11	.81700	.28700	6.0000	.2268-02	.2734-02	.4606-04	.5553-04	541.1	.3400	.3536-01
11	.83300	.00000	7.0000	.5844-01	.7053-01	.1187-02	.1432-02	544.7	9.180	.9069
11	.83300	.10400	8.0000	.8934-02	.1077-01	.1815-03	.2187-03	540.5	1.517	.1394
11	.83300	.20900	9.0000	.7520-02	.9066-02	.1527-03	.1841-03	541.3	1.127	.1172
11	.85000	.00000	10.000	.6273-01	.7572-01	.1274-02	.1538-02	545.9	9.833	.9719
11	.85000	.52000-01	11.000	.2167-01	.2614-01	.4401-03	.5309-03	543.3	3.753	.3368
11	.85000	.10400	12.000	.1173-01	.1415-01	.2383-03	.2874-03	541.9	1.959	.1827
11	.85000	.15600	13.000	.1035-01	.1247-01	.2101-03	.2534-03	541.8	1.549	.1611
11	.85000	.28700	15.000	.4721-02	.5697-02	.9589-04	.1157-03	544.9	.7248	.7323-01
11	.86700	.00000	16.000	.7285-01	.8798-01	.1480-02	.1787-02	547.6	11.23	1.126
11	.86700	.10400	17.000	.1657-01	.1999-01	.3366-03	.4060-03	542.5	2.638	.2579
11	.86700	.20900	18.000	.1255-01	.1515-01	.2549-03	.3076-03	544.4	1.847	.1949
11	.88300	.00000	19.000	.7161-01	.8652-01	.1454-02	.1757-02	549.3	12.27	1.104
11	.88300	.52000-01	20.000	.3792-01	.4577-01	.7702-03	.9296-03	545.8	5.565	.5875
11	.88300	.10400	21.000	.2320-01	.2800-01	.4713-03	.5688-03	545.2	3.641	.3598
11	.88300	.15600	22.000	.1990-01	.2403-01	.4042-03	.4880-03	546.2	2.982	.3082
11	.88300	.20900	23.000	.1689-01	.2039-01	.3430-03	.4141-03	546.7	2.550	.2613

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV24)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
11	.88300	.28700	24.000	.8822-02	.1066-01	.1792-03	.2164-03	548.2	1.340	.1363
11	.90000	.00000	25.000	.7404-01	.8955-01	.1504-02	.1819-02	553.1	13.26	1.136
11	.90000	.52000-01	26.000	.4701-01	.5680-01	.9548-03	.1154-02	549.4	7.003	.7250
11	.90000	.10400	27.000	.3029-01	.3660-01	.6153-03	.7433-03	548.9	5.195	.4675
11	.90000	.15600	28.000	.2622-01	.3169-01	.5326-03	.6436-03	549.6	4.083	.4043
11	.90000	.20900	29.000	.2389-01	.2887-01	.4852-03	.5864-03	550.2	3.750	.3680
11	.91700	.00000	30.000	.8608-01	.1042	.1748-02	.2116-02	555.4	14.59	1.317
11	.91700	.52000-01	31.000	.5849-01	.7074-01	.1188-02	.1437-02	552.7	9.266	.8981
11	.91700	.10400	32.000	.4320-01	.5225-01	.8773-03	.1061-02	553.8	7.528	.6622
11	.91700	.15600	33.000	.4155-01	.5026-01	.8439-03	.1021-02	553.6	6.728	.6372
11	.91700	.20900	34.000	.3494-01	.4226-01	.7096-03	.8583-03	553.0	5.531	.5362
11	.93300	.00000	35.000	.1100	.1332	.2235-02	.2706-02	556.9	16.68	1.680
11	.93300	.52000-01	36.000	.8680-01	.1051	.1763-02	.2135-02	558.3	13.24	1.323
11	.93300	.10400	37.000	.6331-01	.7664-01	.1286-02	.1557-02	556.4	10.20	.9673
11	.93300	.20900	39.000	.4296-01	.5199-01	.8726-03	.1056-02	555.1	6.390	.6576
11	.95000	.00000	40.000	.1470	.1785	.2986-02	.3625-02	566.5	25.97	2.216
11	.95000	.52000-01	41.000	.1068	.1295	.2170-02	.2631-02	561.7	15.10	1.621
11	.95000	.10400	42.000	.6849-01	.8299-01	.1391-02	.1686-02	559.9	10.81	1.042
11	.95000	.15600	43.000	.5874-01	.7115-01	.1193-02	.1445-02	558.4	8.999	.8951
11	.95000	.20900	44.000	.4509-01	.5462-01	.9158-03	.1109-02	558.8	6.965	.6867
11	.95000	.28700	45.000	.1877-01	.2272-01	.3813-03	.4615-03	556.1	2.955	.2869
11	.95600	.00000	46.000	.1871	.2275	.3801-02	.4621-02	571.5	29.31	2.802

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV24)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = .1509-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
8	3.009	40.11	.3253-02	7.990	670.4	1321.	95.92	.6923-01	3.094	3836.	.1948-02	.7719-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
8	.2511-01	.1350-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
8	.81700	.00000	1.0000	.4528-01	.5457-01	.1137-02	.1370-02	545.0	8.181	.8818
8	.81700	.52000-01	2.0000	.1533-01	.1846-01	.3849-03	.4635-03	542.1	3.292	.2997
8	.81700	.10400	3.0000	.4870-02	.5861-02	.1223-03	.1472-03	539.5	1.061	.9552-01
8	.81700	.15600	4.0000	.4538-02	.5462-02	.1139-03	.1371-03	540.0	.9546	.8894-01
8	.81700	.20900	5.0000	.5151-02	.6200-02	.1293-03	.1557-03	540.0	1.002	.1010
8	.81700	.28700	6.0000	.3061-02	.3685-02	.7687-04	.9253-04	540.5	.5769	.5997-01
8	.83300	.00000	7.0000	.6729-01	.8117-01	.1690-02	.2038-02	547.9	13.20	1.306
8	.83300	.10400	8.0000	.1160-01	.1397-01	.2913-03	.3507-03	541.2	2.471	.2271
8	.83300	.20900	9.0000	.1000-01	.1204-01	.2512-03	.3024-03	541.4	1.882	.1957
8	.85000	.00000	10.000	.7878-01	.9507-01	.1978-02	.2387-02	550.0	15.39	1.524
8	.85000	.52000-01	11.000	.2700-01	.3254-01	.6780-03	.8171-03	544.8	5.857	.5260
8	.85000	.10400	12.000	.1571-01	.1891-01	.3943-03	.4749-03	542.4	3.290	.3069
8	.85000	.15600	13.000	.1445-01	.1740-01	.3628-03	.4368-03	541.5	2.718	.2827
8	.85000	.28700	15.000	.6356-02	.7658-02	.1596-03	.1923-03	543.9	1.227	.1240
8	.86700	.00000	16.000	.9802-01	.1183	.2461-02	.2971-02	551.0	18.86	1.894
8	.86700	.10400	17.000	.2290-01	.2759-01	.5750-03	.6926-03	543.0	4.572	.4472
8	.86700	.20900	18.000	.1703-01	.2052-01	.4277-03	.5152-03	543.3	3.153	.3325
8	.88300	.00000	19.000	.9933-01	.1200	.2494-02	.3012-02	552.4	21.25	1.916
8	.88300	.52000-01	20.000	.4705-01	.5672-01	.1191-02	.1424-02	546.3	8.662	.9148
8	.88300	.10400	21.000	.3204-01	.3862-01	.8046-03	.9696-03	544.9	6.318	.6242
8	.88300	.15600	22.000	.2753-01	.3319-01	.6913-03	.8333-03	545.5	5.187	.5359
8	.88300	.20900	23.000	.2239-01	.2698-01	.5621-03	.6775-03	545.3	4.256	.4358

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV24)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
8	.88300	.28700	24.000	.1182-01	.1426-01	.2069-03	.3580-03	546.8	2.262	.2298
8	.90000	.00000	25.000	.1019	.1232	.2559-02	.3094-02	556.2	22.80	1.956
8	.90000	.52000-01	26.000	.5564-01	.6713-01	.1397-02	.1686-02	549.4	10.41	1.077
8	.90000	.10400	27.000	.3929-01	.4739-01	.9864-03	.1190-02	548.4	8.467	.7618
8	.90000	.15600	28.000	.3639-01	.4391-01	.9137-03	.1103-02	549.8	7.112	.7044
8	.90000	.20900	29.000	.3215-01	.3879-01	.8071-03	.9739-03	549.5	6.343	.6224
8	.91700	.00000	30.000	.1112	.1345	.2792-02	.3377-02	557.7	23.57	2.130
8	.91700	.52000-01	31.000	.6723-01	.8121-01	.1688-02	.2039-02	553.2	13.36	1.296
8	.91700	.10400	32.000	.5470-01	.6606-01	.1373-02	.1659-02	553.0	11.99	1.054
8	.91700	.15600	33.000	.5421-01	.6546-01	.1361-02	.1644-02	552.3	11.05	1.046
8	.91700	.20900	34.000	.4624-01	.5584-01	.1161-02	.1402-02	551.9	9.212	.8926
8	.93300	.00000	35.000	.1280	.1549	.3215-02	.3888-02	557.8	24.33	2.452
8	.93300	.52000-01	36.000	.1103	.1335	.2771-02	.3352-02	559.3	21.10	2.109
8	.93300	.10400	37.000	.7936-01	.9593-01	.1993-02	.2409-02	556.1	16.06	1.523
8	.93300	.20900	39.000	.5369-01	.6486-01	.1348-02	.1628-02	554.0	10.05	1.033
8	.95000	.00000	40.000	.1768	.2145	.4439-02	.5386-02	569.7	39.00	3.333
8	.95000	.52000-01	41.000	.1309	.1585	.3286-02	.3980-02	563.7	23.15	2.487
8	.95000	.10400	42.000	.8185-01	.9908-01	.2055-02	.2488-02	561.3	16.18	1.561
8	.95000	.15600	43.000	.7187-01	.8694-01	.1804-02	.2183-02	559.1	13.81	1.374
8	.95000	.20900	44.000	.5836-01	.7060-01	.1465-02	.1773-02	558.9	11.32	1.116
8	.95000	.28700	45.000	.2730-01	.3300-01	.6854-03	.8285-03	556.2	5.396	.5240
8	.95600	.00000	46.000	.2031	.2469	.5100-02	.6198-02	575.3	39.70	3.801

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV24)

.0525 VERTICAL

PARAMETRIC DATA

MACH = 7.962 BETA = .1509-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
5	3.666	40.14	.0000	8.000	852.3	1356.	98.24	.8730-01	3.911	3887.	.2399-02	.7905-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
5	.2836-01	.1220-01

TEST DATA

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
5	.81700	.00000	1.0000	.5600-01	.6723-01	.1588-02	.1907-02	543.9	11.97	1.289
5	.81700	.52000-01	2.0000	.1560-01	.1871-01	.4424-03	.5307-03	541.2	3.960	.3603
5	.81700	.10400	3.0000	.5316-02	.6375-02	.1508-03	.1808-03	539.0	1.368	.1231
5	.81700	.15600	4.0000	.4940-02	.5923-02	.1401-03	.1680-03	539.2	1.228	.1144
5	.81700	.20900	5.0000	.5474-02	.6564-02	.1552-03	.1862-03	539.7	1.257	.1267
5	.81700	.28700	6.0000	.3095-02	.3711-02	.8777-04	.1053-03	539.8	.6891	.7161-01
5	.83300	.00000	7.0000	.7989-01	.9599-01	.2266-02	.2722-02	547.5	18.51	1.831
5	.83300	.10400	8.0000	.1332-01	.1598-01	.3777-03	.4531-03	540.6	3.351	.3079
5	.83300	.20900	9.0000	.1183-01	.1419-01	.3355-03	.4024-03	540.4	2.631	.2735
5	.85000	.00000	10.000	.9675-01	.1163	.2744-02	.3299-02	549.8	22.33	2.211
5	.85000	.52000-01	11.000	.2948-01	.3540-01	.8360-03	.1004-02	544.8	7.549	.6779
5	.85000	.10400	12.000	.1828-01	.2193-01	.5183-03	.6219-03	541.5	4.526	.4220
5	.85000	.15600	13.000	.1746-01	.2094-01	.4951-03	.5939-03	541.1	3.878	.4033
5	.85000	.28700	15.000	.6780-02	.8139-02	.1923-03	.2308-03	543.8	1.546	.1561
5	.86700	.00000	16.000	.1170	.1407	.3317-02	.3991-02	552.5	26.51	2.664
5	.86700	.10400	17.000	.2776-01	.3332-01	.7872-03	.9449-03	543.0	6.542	.6398
5	.86700	.20900	18.000	.2054-01	.2466-01	.5826-03	.6992-03	542.6	4.494	.4737
5	.88300	.00000	19.000	.1174	.1413	.3331-02	.4009-02	554.1	29.59	2.670
5	.88300	.52000-01	20.000	.5145-01	.6180-01	.1459-02	.1753-02	546.0	11.19	1.181
5	.88300	.10400	21.000	.3829-01	.4596-01	.1086-02	.1304-02	543.8	8.929	.8816
5	.88300	.15600	22.000	.3380-01	.4059-01	.9585-03	.1151-02	546.1	7.508	.7759
5	.88300	.20900	23.000	.2621-01	.3148-01	.7433-03	.8927-03	545.7	5.878	.6020

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XV24)

RUN NUMBER	Z/BV	X/CV	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
5	.88300	.28700	24.000	.1300-01	.1562-01	.3687-03	.4430-03	547.0	2.935	.2982
5	.90000	.00000	25.000	.1129	.1360	.3201-02	.3857-02	558.0	29.73	2.554
5	.90000	.52000-01	26.000	.6065-01	.7292-01	.1720-02	.2068-02	549.9	13.38	1.386
5	.90000	.10400	27.000	.4365-01	.5247-01	.1238-02	.1488-02	549.1	11.09	.9984
5	.90000	.15600	28.000	.4149-01	.4989-01	.1177-02	.1415-02	550.0	9.571	.9480
5	.90000	.20900	29.000	.3689-01	.4435-01	.1046-02	.1258-02	549.8	8.592	.8432
5	.91700	.00000	30.000	.1168	.1407	.3312-02	.3991-02	559.1	29.16	2.638
5	.91700	.52000-01	31.000	.7470-01	.8989-01	.2118-02	.2549-02	553.7	17.52	1.699
5	.91700	.10400	32.000	.5828-01	.7016-01	.1653-02	.1990-02	554.6	15.05	1.324
5	.91700	.15600	33.000	.5884-01	.7081-01	.1669-02	.2008-02	553.9	14.12	1.338
5	.91700	.20900	34.000	.5142-01	.6188-01	.1458-02	.1755-02	553.7	12.06	1.169
5	.93300	.00000	35.000	.1320	.1590	.3742-02	.4509-02	558.9	29.57	2.982
5	.93300	.52000-01	36.000	.1261	.1522	.3577-02	.4315-02	562.6	28.33	2.837
5	.93300	.10400	37.000	.8882-01	.1070	.2519-02	.3035-02	558.6	21.15	2.008
5	.93300	.20900	39.000	.6178-01	.7438-01	.1752-02	.2109-02	555.4	13.62	1.402
5	.95000	.00000	40.000	.1920	.2322	.5445-02	.6586-02	572.8	49.79	4.263
5	.95000	.52000-01	41.000	.1490	.1800	.4226-02	.5104-02	567.0	30.97	3.333
5	.95000	.10400	42.000	.9543-01	.1151	.2707-02	.3265-02	562.9	22.23	2.146
5	.95000	.15600	43.000	.8511-01	.1026	.2414-02	.2910-02	560.2	19.29	1.920
5	.95000	.20900	44.000	.7019-01	.8463-01	.1991-02	.2400-02	560.9	16.03	1.582
5	.95000	.28700	45.000	.3293-01	.3966-01	.9338-03	.1125-02	557.3	7.673	.7455
5	.95600	.00000	46.000	.2102	.2546	.5961-02	.7220-02	578.7	48.28	4.631

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS12)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.940 BETA = -.2762-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
33	.5080	-4.958	-.4144-02	7.900	100.4	1245.	92.32	.1116-01	.4877	3721.	.3263-03	.7429-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
33	.9867-02	.3278-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
33	.00000	.00000	50.000	1.047	1.294	.1033-01	.1277-01	592.5	66.61	6.739
33	.00000	.39300	51.000	.5735	.7025	.5659-02	.6931-02	566.6	40.25	3.837
33	.00000	.78500	52.000	.3014	.3681	.2974-02	.3632-02	558.0	32.27	2.042
33	.00000	1.1780	53.000	.1682	.2045	.1660-02	.2017-02	542.6	20.78	1.165
33	.00000	1.5710	75.000	.1275	.1542	.1258-02	.1521-02	525.8	9.457	.9043
33	.00000	2.5420	76.000	.5102-01	.6165-01	.5034-03	.6082-03	522.7	3.720	.3634
33	.00000	3.6370	77.000	.3283-01	.3970-01	.3239-03	.3917-03	525.3	2.279	.2330
33	90.000	.00000	50.000	1.047	1.294	.1033-01	.1277-01	592.5	66.61	6.739
33	90.000	.39300	57.000	.8056	.9895	.7949-02	.9764-02	575.1	50.76	5.322
33	90.000	.78500	58.000	.6801	.8338	.6711-02	.8227-02	569.4	43.34	4.532
33	90.000	1.1780	59.000	.3678	.4479	.3629-02	.4419-02	548.7	28.07	2.526
33	90.000	1.6300	70.000	.1655	.2003	.1633-02	.1977-02	529.6	13.10	1.167
33	90.000	1.9960	71.000	.1204	.1457	.1188-02	.1437-02	528.2	9.651	.8509
33	90.000	2.5420	72.000	.1031	.1248	.1018-02	.1232-02	528.3	8.186	.7290
33	90.000	3.0900	73.000	.7830-01	.9476-01	.7726-03	.9350-03	528.1	5.406	.5536
33	90.000	3.6190	74.000	.4717-01	.5708-01	.4654-03	.5632-03	528.2	3.228	.3335
33	135.00	.00000	50.000	1.047	1.294	.1033-01	.1277-01	592.5	66.61	6.739
33	135.00	.39300	60.000	2.203	2.713	.2174-01	.2676-01	581.8	131.3	14.41
33	135.00	.78500	61.000	1.633	2.030	.1612-01	.2003-01	607.7	92.32	10.27
33	135.00	1.1780	62.000	.4802	.5848	.4738-02	.5770-02	548.5	30.55	3.299
33	135.00	2.2690	66.000	.7756-01	.9388-01	.7653-03	.9263-03	528.7	6.001	.5479
33	135.00	2.8900	67.000	.6365-01	.7706-01	.6280-03	.7604-03	529.6	5.361	.4491

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
33	135.00	3.5130	68.000	.4693-01	.5680-01	.4630-03	.5605-03	528.6	3.650	.3316
33	135.00	4.1140	69.000	.3332-01	.4033-01	.3288-03	.3979-03	528.3	2.383	.2356
33	180.00	.00000	50.000	1.047	1.294	.1033-01	.1277-01	592.5	66.61	6.739
33	180.00	.39300	49.000	1.737	2.171	.1714-01	.2142-01	621.7	208.1	10.68
33	180.00	.78500	48.000	1.431	1.782	.1412-01	.1758-01	612.7	120.1	8.922
33	180.00	1.1780	47.000	1.308	1.612	.1291-01	.1590-01	583.8	88.70	8.529
33	225.00	.00000	50.000	1.047	1.294	.1033-01	.1277-01	592.5	66.61	6.739
33	225.00	.39300	63.000	2.307	2.865	.2277-01	.2827-01	605.6	174.6	14.55
33	225.00	.78500	64.000	1.475	1.847	.1455-01	.1823-01	627.1	96.08	8.987
33	225.00	1.1780	65.000	.4309	.5250	.4251-02	.5180-02	550.7	29.78	2.950
33	270.00	.00000	50.000	1.047	1.294	.1033-01	.1277-01	592.5	66.61	6.739
33	270.00	.39300	56.000	.8923	1.102	.8804-02	.1088-01	591.3	56.89	5.752
33	270.00	.78500	55.000	.6545	.8015	.6458-02	.7908-02	565.9	42.00	4.384
33	270.00	1.1780	54.000	.3122	.3795	.3080-02	.3744-02	543.0	24.09	2.161

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS12)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.940 BETA = -.2762-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
29	1.010	-4.958	-.4144-02	7.940	204.5	1254.	92.12	.2200-01	.9709	3736.	.6446-03	.7413-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
29	.1394-01	.2334-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
29	.00000	.00000	50.000	1.164	1.469	.1622-01	.2047-01	649.6	94.22	9.801
29	.00000	.39300	51.000	.7731	.9622	.1078-01	.1341-01	615.7	70.39	6.876
29	.00000	.78500	52.000	.3936	.4861	.5486-02	.6776-02	595.3	56.02	3.612
29	.00000	1.1780	53.000	.2092	.2560	.2916-02	.3569-02	568.3	35.19	1.999
29	.00000	1.5710	75.000	.1545	.1874	.2153-02	.2612-02	539.9	15.96	1.537
29	.00000	2.5420	76.000	.6009-01	.7275-01	.8376-03	.1014-02	533.2	6.145	.6035
29	.00000	3.6370	77.000	.2947-01	.3570-01	.4108-03	.4976-03	535.1	2.872	.2952
29	90.000	.00000	50.000	1.164	1.469	.1622-01	.2047-01	649.6	94.22	9.801
29	90.000	.39300	57.000	.9058	1.130	.1263-01	.1575-01	621.3	74.43	7.985
29	90.000	.78500	58.000	.6733	.8352	.9386-02	.1164-01	606.9	56.99	6.070
29	90.000	1.1780	59.000	.3528	.4321	.4918-02	.6023-02	570.3	36.94	3.361
29	90.000	1.6300	70.000	.1485	.1802	.2070-02	.2512-02	541.5	16.44	1.474
29	90.000	1.9960	71.000	.1025	.1243	.1429-02	.1733-02	539.1	11.52	1.021
29	90.000	2.5420	72.000	.7552-01	.9155-01	.1053-02	.1276-02	537.7	8.422	.7537
29	90.000	3.0900	73.000	.5725-01	.6939-01	.7980-03	.9673-03	537.2	5.557	.5717
29	90.000	3.6190	74.000	.3509-01	.4254-01	.4892-03	.5930-03	537.5	3.375	.3503
29	135.00	.00000	50.000	1.164	1.469	.1622-01	.2047-01	649.6	94.22	9.801
29	135.00	.39300	60.000	2.257	2.840	.3146-01	.3958-01	642.8	169.9	19.22
29	135.00	.78500	61.000	1.824	2.328	.2543-01	.3245-01	674.0	128.4	14.74
29	135.00	1.1780	62.000	.5231	.6417	.7292-02	.8945-02	575.3	45.21	4.947
29	135.00	2.2690	66.000	.8370-01	.1015	.1167-02	.1416-02	540.4	9.060	.8321
29	135.00	2.8900	67.000	.6882-01	.8355-01	.9592-03	.1165-02	542.7	8.088	.6820

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS12)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
29	135.00	3.5130	68.000	.5421-01	.6577-01	.7557-03	.9167-03	539.9	5.903	.5394
29	135.00	4.1140	69.000	.3692-01	.4479-01	.5147-03	.6244-03	539.8	3.695	.3674
29	180.00	.00000	50.000	1.164	1.469	.1622-01	.2047-01	649.6	94.22	9.801
29	180.00	.39300	49.000	1.846	2.399	.2574-01	.3344-01	709.3	261.9	14.01
29	180.00	.78500	48.000	1.473	1.903	.2053-01	.2653-01	699.6	146.8	11.37
29	180.00	1.1780	47.000	1.489	1.880	.2076-01	.2620-01	650.1	126.2	12.53
29	225.00	.00000	50.000	1.164	1.469	.1622-01	.2047-01	649.6	94.22	9.801
29	225.00	.39300	63.000	2.340	2.997	.3261-01	.4177-01	681.8	215.8	18.65
29	225.00	.78500	64.000	1.636	2.117	.2280-01	.2950-01	701.8	129.8	12.58
29	225.00	1.1780	65.000	.4764	.5855	.6641-02	.8161-02	580.6	44.44	4.470
29	270.00	.00000	50.000	1.164	1.469	.1622-01	.2047-01	649.6	94.22	9.801
29	270.00	.39300	56.000	.9267	1.166	.1292-01	.1625-01	642.9	76.09	7.890
29	270.00	.78500	55.000	.7137	.8846	.9948-02	.1233-01	605.0	60.64	6.453
29	270.00	1.1780	54.000	.3046	.3721	.4246-02	.5187-02	562.7	32.37	2.933

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS12)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.940 BETA = -.2762-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
22	2.016	-4.984	.5569-06	7.980	437.1	1300.	94.62	.4551-01	2.028	3805.	.1298-02	.7614-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
22	.2027-01	.1651-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
22	.00000	.00000	50.000	1.335	1.722	.2706-01	.3492-01	722.0	145.3	15.63
22	.00000	.39300	51.000	.7864	.9906	.1594-01	.2008-01	669.4	100.2	10.05
22	.00000	.78500	52.000	.4009	.4983	.8128-02	.1010-01	634.6	82.26	5.406
22	.00000	1.1780	53.000	.2145	.2628	.4349-02	.5328-02	592.6	53.49	3.075
22	.00000	1.5710	75.000	.1600	.1934	.3243-02	.3921-02	548.1	25.20	2.437
22	.00000	2.5420	76.000	.5824-01	.7015-01	.1181-02	.1422-02	534.2	9.199	.9039
22	.00000	3.6370	77.000	.2684-01	.3233-01	.5442-03	.6555-03	534.0	4.057	.4167
22	90.000	.00000	50.000	1.335	1.722	.2706-01	.3492-01	722.0	145.3	15.63
22	90.000	.39300	57.000	.9985	1.260	.2024-01	.2556-01	674.4	115.0	12.66
22	90.000	.78500	58.000	.7368	.9190	.1494-01	.1863-01	644.2	90.28	9.792
22	90.000	1.1780	59.000	.3542	.4335	.7182-02	.8789-02	588.8	55.61	5.105
22	90.000	1.6300	70.000	.1468	.1774	.2977-02	.3598-02	546.8	24.93	2.241
22	90.000	1.9960	71.000	.1015	.1225	.2058-02	.2484-02	542.0	17.56	1.559
22	90.000	2.5420	72.000	.7903-01	.9538-01	.1602-02	.1934-02	541.6	13.55	1.215
22	90.000	3.0900	73.000	.6240-01	.7527-01	.1265-02	.1526-02	539.3	9.341	.9620
22	90.000	3.6190	74.000	.4042-01	.4874-01	.8195-03	.9883-03	538.7	6.005	.6236
22	135.00	.00000	50.000	1.335	1.722	.2706-01	.3492-01	722.0	145.3	15.63
22	135.00	.39300	60.000	2.254	2.877	.4569-01	.5832-01	699.4	236.1	27.43
22	135.00	.78500	61.000	1.950	2.595	.3954-01	.5262-01	777.0	171.6	20.66
22	135.00	1.1780	62.000	.7085	.8744	.1436-01	.1773-01	614.5	88.23	9.843
22	135.00	2.2690	66.000	.1173	.1418	.2379-02	.2876-02	547.4	19.41	1.789
22	135.00	2.8900	67.000	.1010	.1222	.2048-02	.2477-02	550.2	18.13	1.535

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
22	135.00	3.5130	68.000	.8102-01	.9792-01	.1643-02	.1985-02	546.3	13.50	1.238
22	135.00	4.1140	69.000	.5248-01	.6338-01	.1064-02	.1285-02	544.2	8.066	.8038
22	180.00	.00000	50.000	1.335	1.722	.2706-01	.3492-01	722.0	145.3	15.63
22	180.00	.39300	49.000	1.292	1.720	.2619-01	.3487-01	778.0	247.4	13.66
22	180.00	.78500	48.000	1.504	2.016	.3050-01	.4087-01	787.5	193.7	15.62
22	180.00	1.1780	47.000	1.712	2.202	.3471-01	.4464-01	715.5	197.9	20.28
22	225.00	.00000	50.000	1.335	1.722	.2706-01	.3492-01	722.0	145.3	15.63
22	225.00	.39300	63.000	2.145	2.817	.4349-01	.5712-01	755.2	264.8	23.68
22	225.00	.78500	64.000	1.055	1.450	.2139-01	.2939-01	822.1	99.78	10.22
22	225.00	1.1780	65.000	.6236	.7700	.1264-01	.1561-01	616.0	84.46	8.644
22	270.00	.00000	50.000	1.335	1.722	.2706-01	.3492-01	722.0	145.3	15.63
22	270.00	.39300	56.000	1.084	1.389	.2199-01	.2815-01	706.1	122.2	13.05
22	270.00	.78500	55.000	.7600	.9482	.1541-01	.1922-01	644.9	92.99	10.09
22	270.00	1.1780	54.000	.3158	.3851	.6402-02	.7807-02	577.3	50.67	4.625

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS13)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.980 BETA = -.4155-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
25	2.012	-4.990	-.4155-02	7.980	436.2	1300.	94.62	.4541-01	2.024	3805.	.1295-02	.7614-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
25	.2025-01	.1653-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
25	.00000	.00000	50.000	1.330	1.702	.2694-01	.3448-01	705.1	150.0	16.02
25	.00000	.39300	51.000	.7810	.9774	.1582-01	.1980-01	653.0	102.9	10.23
25	.00000	.78500	52.000	.4004	.4948	.8110-02	.1002-01	618.5	84.72	5.524
25	.00000	1.1780	53.000	.2121	.2586	.4296-02	.5238-02	577.2	54.41	3.104
25	.00000	1.5710	75.000	.1582	.1910	.3204-02	.3868-02	542.4	25.16	2.427
25	.00000	2.5420	76.000	.5780-01	.6952-01	.1171-02	.1408-02	528.6	9.213	.9027
25	.00000	3.6370	77.000	.2674-01	.3216-01	.5416-03	.6513-03	527.7	4.084	.4182
25	90.000	.00000	50.000	1.330	1.702	.2694-01	.3448-01	705.1	150.0	16.02
25	90.000	.39300	57.000	.9937	1.246	.2013-01	.2524-01	657.8	118.3	12.92
25	90.000	.78500	58.000	.7308	.9063	.1480-01	.1836-01	628.4	92.31	9.936
25	90.000	1.1780	59.000	.3490	.4251	.7069-02	.8611-02	573.7	56.32	5.132
25	90.000	1.6300	70.000	.1458	.1759	.2953-02	.3564-02	541.3	24.98	2.239
25	90.000	1.9960	71.000	.1024	.1234	.2074-02	.2493-02	536.6	17.87	1.582
25	90.000	2.5420	72.000	.7868-01	.9481-01	.1594-02	.1920-02	536.0	13.61	1.217
25	90.000	3.0900	73.000	.6272-01	.7552-01	.1270-02	.1530-02	533.4	9.479	.9733
25	90.000	3.6190	74.000	.4020-01	.4839-01	.8142-03	.9802-03	532.3	6.035	.6248
25	135.00	.00000	50.000	1.330	1.702	.2694-01	.3448-01	705.1	150.0	16.02
25	135.00	.39300	60.000	2.217	2.803	.4491-01	.5677-01	677.6	242.9	27.93
25	135.00	.78500	61.000	2.060	2.714	.4173-01	.5496-01	759.9	188.5	22.52
25	135.00	1.1780	62.000	.6957	.8539	.1409-01	.1729-01	598.1	89.33	9.886
25	135.00	2.2690	66.000	.1164	.1402	.2358-02	.2840-02	532.7	19.77	1.809
25	135.00	2.8900	67.000	.1029	.1243	.2084-02	.2517-02	544.1	18.66	1.575

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS13)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
25	135.00	3.5130	68.000	.8196-01	.9888-01	.1660-02	.2003-02	540.1	13.80	1.261
25	135.00	4.1140	69.000	.5297-01	.6387-01	.1073-02	.1294-02	537.8	8.229	.8175
25	180.00	.00000	50.000	1.330	1.702	.2694-01	.3448-01	705.1	150.0	16.02
25	180.00	.39300	49.000	1.817	2.417	.3680-01	.4896-01	776.6	348.8	19.25
25	180.00	.78500	48.000	2.108	2.808	.4269-01	.5688-01	778.7	276.8	22.24
25	180.00	1.1780	47.000	1.721	2.204	.3485-01	.4465-01	707.4	202.3	20.64
25	225.00	.00000	50.000	1.330	1.702	.2694-01	.3448-01	705.1	150.0	16.02
25	225.00	.39300	63.000	2.280	2.960	.4619-01	.5996-01	733.7	295.2	26.14
25	225.00	.78500	64.000	1.998	2.732	.4048-01	.5533-01	815.5	192.0	19.60
25	225.00	1.1780	65.000	.6088	.7475	.1233-01	.1514-01	599.1	85.11	8.639
25	270.00	.00000	50.000	1.330	1.702	.2694-01	.3448-01	705.1	150.0	16.02
25	270.00	.39300	56.000	1.080	1.372	.2187-01	.2778-01	689.4	125.9	13.35
25	270.00	.78500	55.000	.7530	.9338	.1525-01	.1891-01	628.5	95.09	10.24
25	270.00	1.1780	54.000	.3117	.3782	.6312-02	.7661-02	561.4	51.46	4.660

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS14)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.940 BETA = -.8085-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
32	.5080	.3200-01	-.2426-02	7.900	100.6	1246.	92.40	.1118-01	.4882	3723.	.3265-03	.7435-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
32	.9874-02	.3278-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
32	.00000	.00000	50.000	1.088	1.351	.1074-01	.1334-01	605.1	67.60	6.882
32	.00000	.39300	51.000	.8309	1.027	.8204-02	.1014-01	593.1	55.42	5.354
32	.00000	.78500	52.000	.4163	.5110	.4111-02	.5046-02	573.4	43.33	2.763
32	.00000	1.1780	53.000	.2052	.2501	.2027-02	.2470-02	551.1	25.00	1.408
32	.00000	1.5710	75.000	.1385	.1676	.1367-02	.1655-02	529.1	10.23	.9799
32	.00000	2.5420	76.000	.5297-01	.6403-01	.5230-03	.6322-03	524.8	3.855	.3770
32	.00000	3.6370	77.000	.2781-01	.3364-01	.2746-03	.3321-03	526.7	1.929	.1974
32	90.000	.00000	50.000	1.088	1.351	.1074-01	.1334-01	605.1	67.60	6.882
32	90.000	.39300	57.000	.8823	1.088	.8712-02	.1075-01	588.0	54.29	5.730
32	90.000	.78500	58.000	.6253	.7667	.6174-02	.7571-02	570.3	39.86	4.170
32	90.000	1.1780	59.000	.3169	.3860	.3129-02	.3811-02	549.6	24.19	2.178
32	90.000	1.6300	70.000	.1241	.1502	.1225-02	.1483-02	530.2	9.833	.8766
32	90.000	1.9960	71.000	.7809-01	.9451-01	.7711-03	.9332-03	528.5	6.271	.5530
32	90.000	2.5420	72.000	.6398-01	.7742-01	.6317-03	.7645-03	528.4	5.087	.4531
32	90.000	3.0900	73.000	.5800-01	.7019-01	.5727-03	.6930-03	528.3	4.011	.4108
32	90.000	3.6190	74.000	.4010-01	.4853-01	.3959-03	.4792-03	528.6	2.748	.2839
32	135.00	.00000	50.000	1.088	1.351	.1074-01	.1334-01	605.1	67.60	6.882
32	135.00	.39300	60.000	1.201	1.473	.1186-01	.1454-01	569.4	73.52	8.022
32	135.00	.78500	61.000	.7215	.8876	.7124-02	.8764-02	580.0	43.24	4.742
32	135.00	1.1780	62.000	.3313	.4033	.3272-02	.3982-02	547.5	21.16	2.284
32	135.00	2.2690	66.000	.6042-01	.7314-01	.5966-03	.7222-03	529.4	4.678	.4273
32	135.00	2.8900	67.000	.4336-01	.5250-01	.4281-03	.5184-03	530.1	3.656	.3064

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
32	135.00	3.5130	68.000	.3683-01	.4458-01	.3636-03	.4401-03	529.3	2.866	.2605
32	135.00	4.1140	69.000	.3064-01	.3709-01	.3026-03	.3663-03	529.4	2.191	.2167
32	180.00	.00000	50.000	1.088	1.351	.1074-01	.1334-01	605.1	67.60	6.882
32	180.00	.39300	49.000	.7162	.8856	.7072-02	.8744-02	594.3	90.99	4.607
32	180.00	.78500	48.000	.7824	.9676	.7725-02	.9554-02	595.0	68.23	5.026
32	180.00	1.1780	47.000	.8942	1.099	.8829-02	.1086-01	578.3	61.45	5.892
32	225.00	.00000	50.000	1.088	1.351	.1074-01	.1334-01	605.1	67.60	6.882
32	225.00	.39300	63.000	1.103	1.360	.1089-01	.1342-01	584.9	87.30	7.199
32	225.00	.78500	64.000	.6818	.8439	.6733-02	.8333-02	597.0	47.38	4.367
32	225.00	1.1780	65.000	.3115	.3794	.3076-02	.3746-02	549.4	21.63	2.142
32	270.00	.00000	50.000	1.088	1.351	.1074-01	.1334-01	605.1	67.60	6.882
32	270.00	.39300	56.000	.8958	1.109	.8845-02	.1095-01	596.8	56.60	5.739
32	270.00	.78500	55.000	.6760	.8301	.6675-02	.8197-02	574.8	42.71	4.478
32	270.00	1.1780	54.000	.2894	.3521	.2858-02	.3476-02	545.3	22.28	2.002

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS14)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.940 BETA = -.8085-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
28	1.019	.3000-01	.3255-06	7.940	206.0	1252.	91.98	.2216-01	.9780	3733.	.6503-03	.7401-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
28	.1399-01	.2324-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
28	.00000	.00000	50.000	1.085	1.367	.1518-01	.1912-01	645.3	88.66	9.204
28	.00000	.39300	51.000	.8327	1.042	.1165-01	.1458-01	628.6	73.83	7.257
28	.00000	.78500	52.000	.4168	.5160	.5829-02	.7218-02	601.0	58.67	3.793
28	.00000	1.1780	53.000	.2051	.2510	.2868-02	.3511-02	567.9	34.54	1.961
28	.00000	1.5710	75.000	.1374	.1667	.1922-02	.2331-02	539.5	14.21	1.368
28	.00000	2.5420	76.000	.5053-01	.6118-01	.7068-03	.8557-03	532.5	5.177	.5083
28	.00000	3.6370	77.000	.2633-01	.3190-01	.3682-03	.4461-03	535.0	2.568	.2639
28	90.000	.00000	50.000	1.085	1.367	.1518-01	.1912-01	645.3	88.66	9.204
28	90.000	.39300	57.000	.8848	1.104	.1238-01	.1544-01	621.6	72.68	7.797
28	90.000	.78500	58.000	.6279	.7763	.8782-02	.1086-01	596.7	54.27	5.752
28	90.000	1.1780	59.000	.3157	.3861	.4415-02	.5400-02	565.0	33.42	3.032
28	90.000	1.6300	70.000	.1239	.1503	.1733-02	.2102-02	539.7	13.77	1.234
28	90.000	1.9960	71.000	.7615-01	.9229-01	.1065-02	.1291-02	536.2	8.608	.7620
28	90.000	2.5420	72.000	.6439-01	.7807-01	.9006-03	.1092-02	537.4	7.189	.6432
28	90.000	3.0900	73.000	.5956-01	.7221-01	.8330-03	.1010-02	537.5	5.781	.5949
28	90.000	3.6190	74.000	.4080-01	.4949-01	.5707-03	.6921-03	538.3	3.921	.4071
28	135.00	.00000	50.000	1.085	1.367	.1518-01	.1912-01	645.3	88.66	9.204
28	135.00	.39300	60.000	1.200	1.484	.1679-01	.2076-01	597.5	99.27	10.98
28	135.00	.78500	61.000	.7322	.9096	.1024-01	.1272-01	609.9	59.05	6.572
28	135.00	1.1780	62.000	.3409	.4168	.4768-02	.5830-02	564.3	30.12	3.278
28	135.00	2.2690	66.000	.5808-01	.7043-01	.8124-03	.9850-03	537.6	6.325	.5801
28	135.00	2.8900	67.000	.4423-01	.5364-01	.6186-03	.7503-03	538.5	5.243	.4412

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS14)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
28	135.00	3.5130	68.000	.3432-01	.4161-01	.4800-03	.5820-03	537.9	3.753	.3426
28	135.00	4.1140	69.000	.2647-01	.3210-01	.3702-03	.4490-03	538.2	2.659	.2641
28	180.00	.00000	50.000	1.085	1.367	.1518-01	.1912-01	645.3	88.66	9.204
28	180.00	.39300	49.000	.6957	.8715	.9730-02	.1219-01	631.2	117.1	6.038
28	180.00	.78500	48.000	.9404	1.185	.1315-01	.1658-01	645.6	105.6	7.972
28	180.00	1.1780	47.000	.9025	1.121	.1262-01	.1568-01	609.3	83.28	8.109
28	225.00	.00000	50.000	1.085	1.367	.1518-01	.1912-01	645.3	88.66	9.204
28	225.00	.39300	63.000	1.088	1.356	.1522-01	.1897-01	618.7	114.9	9.632
28	225.00	.78500	64.000	.7071	.8870	.9890-02	.1241-01	634.5	65.01	6.103
28	225.00	1.1780	65.000	.3239	.3965	.4530-02	.5546-02	567.9	31.00	3.098
28	270.00	.00000	50.000	1.085	1.367	.1518-01	.1912-01	645.3	88.66	9.204
28	270.00	.39300	56.000	.8952	1.123	.1252-01	.1570-01	633.8	74.94	7.736
28	270.00	.76500	55.000	.6800	.8427	.9511-02	.1179-01	603.2	58.01	6.168
28	270.00	1.1780	54.000	.2894	.3535	.4048-02	.4945-02	561.7	30.83	2.793

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS14)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.940 BETA = -.8085-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
21	2.027	.6000-02	.3266-06	7.980	435.8	1293.	94.11	.4537-01	2.022	3795.	.1301-02	.7573-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
21	.2023-01	.1648-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
21	.00000	.00000	50.000	1.078	1.379	.2181-01	.2789-01	699.6	121.4	12.94
21	.00000	.39300	51.000	.8404	1.064	.1700-01	.2153-01	678.3	103.8	10.44
21	.00000	.78500	52.000	.4190	.5224	.8474-02	.1057-01	639.8	83.97	5.532
21	.00000	1.1780	53.000	.2087	.2560	.4220-02	.5177-02	593.2	51.34	2.952
21	.00000	1.5710	75.000	.1405	.1701	.2842-02	.3441-02	550.1	21.80	2.110
21	.00000	2.5420	76.000	.5065-01	.6114-01	.1025-02	.1237-02	538.7	7.844	.7725
21	.00000	3.6370	77.000	.2612-01	.3154-01	.5284-03	.6380-03	540.2	3.859	.3976
21	90.000	.00000	50.000	1.078	1.379	.2181-01	.2789-01	699.6	121.4	12.94
21	90.000	.39300	57.000	.8882	1.120	.1797-01	.2265-01	667.8	102.3	11.23
21	90.000	.78500	58.000	.6310	.7848	.1276-01	.1587-01	632.8	78.07	8.422
21	90.000	1.1780	59.000	.3189	.3904	.6450-02	.7897-02	587.0	49.63	4.552
21	90.000	1.6300	70.000	.1238	.1498	.2504-02	.3030-02	548.5	20.70	1.863
21	90.000	1.9960	71.000	.7579-01	.9161-01	.1533-02	.1853-02	544.1	12.91	1.147
21	90.000	2.5420	72.000	.6543-01	.7909-01	.1323-02	.1600-02	544.0	11.04	.9909
21	90.000	3.0900	73.000	.6117-01	.7393-01	.1237-02	.1495-02	543.7	8.977	.9267
21	90.000	3.6190	74.000	.4459-01	.5390-01	.9019-03	.1090-02	544.3	6.480	.6749
21	135.00	.00000	50.000	1.078	1.379	.2181-01	.2789-01	699.6	121.4	12.94
21	135.00	.39300	60.000	1.197	1.489	.2421-01	.3011-01	632.7	142.0	15.98
21	135.00	.78500	61.000	.7539	.9443	.1525-01	.1910-01	651.5	86.08	9.777
21	135.00	1.1780	62.000	.3704	.4531	.7492-02	.9164-02	584.2	48.29	5.308
21	135.00	2.2690	66.000	.6496-01	.7852-01	.1314-02	.1588-02	543.9	10.69	.9878
21	135.00	2.8900	67.000	.4974-01	.6014-01	.1006-02	.1216-02	545.2	8.906	.752[illegible]

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS14)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
21	135.00	3.5130	68.000	.4225-01	.5108-01	.8545-03	.1033-02	544.9	6.975	.6390
21	135.00	4.1140	69.000	.3487-01	.4216-01	.7053-03	.8528-03	545.6	5.284	.5269
21	180.00	.00000	50.000	1.078	1.379	.2181-01	.2789-01	699.6	121.4	12.94
21	180.00	.39300	49.000	.6869	.8700	.1389-01	.1760-01	678.8	61.7	8.528
21	180.00	.78500	48.000	1.195	1.546	.2416-01	.3127-01	723.6	175.5	13.75
21	180.00	1.1780	47.000	1.212	1.529	.2452-01	.3093-01	668.4	152.8	15.31
21	225.00	.00000	50.000	1.078	1.379	.2181-01	.2789-01	699.6	121.4	12.94
21	225.00	.39300	63.000	1.078	1.356	.2180-01	.2742-01	661.5	160.8	13.76
21	225.00	.78500	64.000	.7665	.9762	.1550-01	.1974-01	691.0	96.72	9.328
21	225.00	1.1780	65.000	.3644	.4468	.7370-02	.9036-02	591.5	51.10	5.167
21	270.00	.00000	50.000	1.078	1.379	.2181-01	.2789-01	699.6	121.4	12.94
21	270.00	.39300	56.000	.8990	1.142	.1818-01	.2310-01	685.0	104.4	11.05
21	270.00	.78500	55.000	.6840	.8536	.1383-01	.1726-01	641.9	83.10	9.003
21	270.00	1.1780	54.000	.2883	.3521	.5831-02	.7121-02	579.0	45.55	4.162

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS15)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.980 BETA = .3267-06

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
24	2.022	.4000-02	.3267-06	7.980	436.9	1297.	94.40	.4549-01	2.028	3801.	.1300-02	.7596-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
24	.2026-01	.1649-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
24	.00000	.00000	50.000	1.065	1.355	.2158-01	.2745-01	691.0	123.2	13.07
24	.00000	.39300	51.000	.8280	1.043	.1678-01	.2114-01	668.1	105.3	10.54
24	.00000	.78500	52.000	.4150	.5149	.8410-02	.1043-01	628.1	85.82	5.622
24	.00000	1.1780	53.000	.2061	.2515	.4176-02	.5096-02	578.9	52.49	2.997
24	.00000	1.5710	75.000	.1411	.1705	.2860-02	.3454-02	542.4	22.37	2.157
24	.00000	2.5420	76.000	.5134-01	.6179-01	.1040-02	.1252-02	530.0	8.134	.7975
24	.00000	3.6370	77.000	.2614-01	.3148-01	.5297-03	.6378-03	531.4	3.952	.4054
24	90.000	.00000	50.000	1.065	1.355	.2158-01	.2745-01	691.0	123.2	13.07
24	90.000	.39300	57.000	.8763	1.099	.1776-01	.2228-01	657.6	103.9	11.35
24	90.000	.78500	58.000	.6239	.7720	.1264-01	.1564-01	621.0	79.64	8.541
24	90.000	1.1780	59.000	.3162	.3852	.6406-02	.7805-02	573.2	50.88	4.635
24	90.000	1.6300	70.000	.1244	.1502	.2520-02	.3043-02	541.7	21.22	1.903
24	90.000	1.9960	71.000	.7665-01	.9242-01	.1553-02	.1873-02	536.8	13.33	1.180
24	90.000	2.5420	72.000	.6560-01	.7909-01	.1329-02	.1603-02	536.4	11.30	1.011
24	90.000	3.0900	73.000	.6266-01	.7553-01	.1270-02	.1530-02	535.7	9.397	.9661
24	90.000	3.6190	74.000	.4478-01	.5398-01	.9073-03	.1094-02	536.0	6.655	.6902
24	135.00	.00000	50.000	1.065	1.355	.2158-01	.2745-01	691.0	123.2	13.07
24	135.00	.39300	60.000	1.188	1.471	.2407-01	.2980-01	622.7	144.8	16.22
24	135.00	.78500	61.000	.7464	.9302	.1512-01	.1885-01	640.5	87.83	9.923
24	135.00	1.1780	62.000	.3677	.4476	.7451-02	.9069-02	570.2	49.59	5.413
24	135.00	2.2690	66.000	.6481-01	.7796-01	.1313-02	.1580-02	527.9	11.05	1.010
24	135.00	2.8900	67.000	.4875-01	.5880-01	.9878-03	.1191-02	537.8	8.912	.7497

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS15)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
24	135.00	3.5130	68.000	.4246-01	.5120-01	.8602-03	.1037-02	537.2	7.160	.6533
24	135.00	4.1140	69.000	.3458-01	.4170-01	.7007-03	.8450-03	537.5	5.356	.5320
24	180.00	.00000	50.000	1.065	1.355	.2158-01	.2745-01	691.0	123.2	13.07
24	180.00	.39300	49.000	.6705	.8456	.1358-01	.1713-01	670.7	161.9	8.504
24	180.00	.78500	48.000	1.157	1.490	.2344-01	.3019-01	716.5	174.2	13.60
24	180.00	1.1780	47.000	1.162	1.465	.2355-01	.2969-01	670.0	147.1	14.75
24	225.00	.00000	50.000	1.065	1.355	.2158-01	.2745-01	691.0	123.2	13.07
24	225.00	.39300	63.000	1.065	1.334	.2158-01	.2703-01	653.2	162.9	13.89
24	225.00	.78500	64.000	.7545	.9557	.1529-01	.1936-01	680.6	98.13	9.418
24	225.00	1.1780	65.000	.3615	.4410	.7324-02	.8935-02	577.3	52.47	5.268
24	270.00	.00000	50.000	1.065	1.355	.2158-01	.2745-01	691.0	123.2	13.07
24	270.00	.39300	56.000	.8861	1.120	.1796-01	.2269-01	675.0	106.0	11.16
24	270.00	.78500	55.000	.6782	.8421	.1374-01	.1706-01	630.2	85.01	9.159
24	270.00	1.1780	54.000	.2887	.3508	.5650-02	.7109-02	564.1	47.26	4.286

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS16)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.980 BETA = .6848-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
19	2.009	5.038	.6848-03	7.980	435.9	1301.	94.69	.4538-01	2.023	3807.	.1294-02	.7620-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
19	.2025-01	.1654-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
19	.00000	.00000	50.000	.8469	1.038	.1715-01	.2103-01	595.2	119.4	12.10
19	.00000	.39300	51.000	.6553	.8024	.1327-01	.1625-01	591.0	97.60	9.418
19	.00000	.78500	52.000	.3287	.4001	.6656-02	.8101-02	571.7	76.15	4.852
19	.00000	1.1780	53.000	.1530	.1853	.3098-02	.3752-02	554.1	41.02	2.313
19	.00000	1.5710	75.000	.8705-01	.1050	.1763-02	.2125-02	538.0	13.97	1.344
19	.00000	2.5420	76.000	.3281-01	.3952-01	.6644-03	.8002-03	534.7	5.177	.5088
19	.00000	3.6370	77.000	.1626-01	.1959-01	.3292-03	.3966-03	535.4	2.451	.2519
19	90.000	.00000	50.000	.8469	1.038	.1715-01	.2103-01	595.2	119.4	12.10
19	90.000	.39300	57.000	.7105	.8678	.1439-01	.1757-01	583.3	98.02	10.32
19	90.000	.78500	58.000	.4965	.6041	.1005-01	.1223-01	570.5	70.16	7.341
19	90.000	1.1780	59.000	.2338	.2829	.4734-02	.5729-02	551.5	39.36	3.547
19	90.000	1.6300	70.000	.8631-01	.1040	.1748-02	.2106-02	535.4	14.97	1.338
19	90.000	1.9960	71.000	.5729-01	.6901-01	.1160-02	.1398-02	534.8	10.04	.8885
19	90.000	2.5420	72.000	.5078-01	.6117-01	.1028-02	.1239-02	534.6	8.816	.7877
19	90.000	3.0900	73.000	.4665-01	.5620-01	.9446-03	.1138-02	535.5	7.031	.7227
19	90.000	3.6190	74.000	.3589-01	.4325-01	.7268-03	.8758-03	535.9	5.359	.5558
19	135.00	.00000	50.000	.8469	1.038	.1715-01	.2103-01	595.2	119.4	12.10
19	135.00	.39300	60.000	.9327	1.144	.1889-01	.2316-01	595.2	120.6	13.32
19	135.00	.78500	61.000	.5878	.7166	.1190-01	.1451-01	577.1	78.63	8.612
19	135.00	1.1780	62.000	.2427	.2932	.4914-02	.5936-02	545.6	34.41	3.710
19	135.00	2.2690	66.000	.4994-01	.6014-01	.1011-02	.1218-02	533.7	8.475	.7757
19	135.00	2.8900	67.000	.4092-01	.4931-01	.8287-03	.9985-03	535.9	7.541	.6337

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
19	135.00	3.5130	68.000	.3395-01	.4090-01	.6875-03	.8283-03	535.7	5.768	.5259
19	135.00	4.1140	69.000	.3448-01	.4156-01	.6982-03	.8415-03	537.1	5.369	.5331
19	180.00	.00000	50.000	.8469	1.038	.1715-01	.2103-01	595.2	119.4	12.10
19	180.00	.39300	49.000	.5869	.7274	.1188-01	.1473-01	627.9	155.3	7.994
19	180.00	.78500	48.000	.8711	1.088	.1764-01	.2204-01	649.3	151.9	11.49
19	180.00	1.1780	47.000	.8386	1.033	.1698-01	.2092-01	609.8	120.5	11.73
19	225.00	.00000	50.000	.8469	1.038	.1715-01	.2103-01	595.2	119.4	12.10
19	225.00	.39300	63.000	.8742	1.079	.1770-01	.2185-01	615.3	144.9	12.13
19	225.00	.78500	64.000	.6498	.7968	.1316-01	.1614-01	596.0	100.6	9.272
19	225.00	1.1780	65.000	.2322	.2807	.4701-02	.5684-02	548.6	35.72	3.536
19	270.00	.00000	50.000	.8469	1.038	.1715-01	.2103-01	595.2	119.4	12.10
19	270.00	.39300	56.000	.7281	.8925	.1474-01	.1807-01	594.3	102.9	10.41
19	270.00	.78500	55.000	.5272	.6422	.1068-01	.1300-01	574.5	73.95	7.752
19	270.00	1.1780	54.000	.2014	.2434	.4078-02	.4929-02	546.9	34.20	3.074

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS17)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.940 BETA = -.6886-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
31	.5054	5.014	-.6931-03	7.900	100.2	1247.	92.47	.1113-01	.4863	3724.	.3249-03	.7441-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
31	.9856-02	.3286-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
31	.00000	.00000	50.000	.8697	1.077	.8571-02	.1061-01	598.7	54.73	5.554
31	.00000	.39300	51.000	.6409	.7904	.6317-02	.7790-02	587.5	43.22	4.164
31	.00000	.78500	52.000	.3129	.3840	.3084-02	.3784-02	573.0	32.59	2.078
31	.00000	1.1780	53.000	.1514	.1845	.1492-02	.1818-02	552.8	18.37	1.035
31	.00000	1.5710	75.000	.1017	.1233	.1002-02	.1215-02	536.5	7.401	.7115
31	.00000	2.5420	76.000	.3659-01	.4431-01	.3607-03	.4367-03	530.3	2.635	.2584
31	.00000	3.6370	77.000	.1958-01	.2359-01	.1930-03	.2335-03	528.1	1.354	.1386
31	90.000	.00000	50.000	.8697	1.077	.8571-02	.1061-01	598.7	54.73	5.554
31	90.000	.39300	57.000	.6979	.8598	.6878-02	.8474-02	584.4	43.24	4.555
31	90.000	.78500	58.000	.5035	.6175	.4962-02	.6086-02	571.8	31.99	3.349
31	90.000	1.1780	59.000	.2562	.3123	.2526-02	.3078-02	552.5	19.45	1.753
31	90.000	1.6300	70.000	.1018	.1234	.1003-02	.1217-02	535.7	7.978	.7132
31	90.000	1.9960	71.000	.5335-01	.7677-01	.6243-03	.7566-03	533.7	5.035	.4452
31	90.000	2.5420	72.000	.5128-01	.6211-01	.5054-03	.6122-03	532.2	4.046	.3611
31	90.000	3.0900	73.000	.4579-01	.5544-01	.4512-03	.5464-03	530.9	3.149	.3230
31	90.000	3.6190	74.000	.3093-01	.3743-01	.3048-03	.3690-03	529.3	2.116	.2187
31	135.00	.00000	50.000	.8697	1.077	.8571-02	.1061-01	598.7	54.73	5.554
31	135.00	.39300	60.000	.9866	1.209	.9724-02	.1192-01	569.9	60.30	6.581
31	135.00	.78500	61.000	.5874	.7217	.5789-02	.7113-02	576.8	35.41	3.878
31	135.00	1.1780	62.000	.2716	.3307	.2677-02	.3259-02	548.7	17.30	1.869
31	135.00	2.2690	66.000	.5426-01	.6574-01	.5348-03	.6479-03	532.4	4.176	.3820
31	135.00	2.8900	67.000	.4008-01	.4856-01	.3951-03	.4786-03	532.2	3.365	.2823

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS17)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
31	135.00	3.5130	68.000	.3645-01	.4414-01	.3593-03	.4351-03	531.0	2.827	.2571
31	135.00	4.1140	69.000	.3314-01	.4012-01	.3266-03	.3954-03	530.6	2.363	.2339
31	180.00	.00000	50.000	.8697	1.077	.8571-02	.1061-01	598.7	54.73	5.554
31	180.00	.39300	49.000	.5913	.7302	.5828-02	.7196-02	591.0	75.59	3.821
31	180.00	.78500	48.000	.6211	.7659	.6122-02	.7549-02	587.1	55.02	4.038
31	180.00	1.1780	47.000	.7357	.9028	.7251-02	.8898-02	573.2	51.05	4.883
31	225.00	.00000	50.000	.8697	1.077	.8571-02	.1061-01	598.7	54.73	5.554
31	225.00	.39300	63.000	.9125	1.124	.8993-02	.1107-01	583.1	72.44	5.968
31	225.00	.78500	64.000	.5539	.6836	.5460-02	.6738-02	589.6	39.06	3.587
31	225.00	1.1780	65.000	.2571	.3130	.2533-02	.3085-02	549.4	17.84	1.767
31	270.00	.00000	50.000	.8697	1.077	.8571-02	.1061-01	598.7	54.73	5.554
31	270.00	.39300	56.000	.7169	.8854	.7066-02	.8727-02	591.5	45.78	4.629
31	270.00	.78500	55.000	.5402	.6628	.5324-02	.6533-02	572.9	34.24	3.587
31	270.00	1.1780	54.000	.2343	.2852	.2310-02	.2811-02	547.9	17.94	1.614

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS17)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.940 BETA = -.6886-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
27	1.023	5.034	-.6861-03	7.940	206.3	1250.	91.83	.2219-01	.9794	3730.	.6523-03	.7389-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
27	.1399-01	.2320-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
27	.00000	.00000	50.000	.8651	1.086	.1210-01	.1519-01	634.3	72.14	7.449
27	.00000	.39300	51.000	.6423	.8009	.8988-02	.1121-01	618.7	57.98	5.671
27	.00000	.78500	52.000	.3124	.3861	.4371-02	.5402-02	595.2	44.37	2.860
27	.00000	1.1780	53.000	.1503	.1842	.2104-02	.2578-02	570.1	25.15	1.429
27	.00000	1.5710	75.000	.9804-01	.1192	.1372-02	.1668-02	546.4	9.985	.9648
27	.00000	2.5420	76.000	.3515-01	.4265-01	.4918-03	.5969-03	539.8	3.543	.3491
27	.00000	3.6370	77.000	.1832-01	.2222-01	.2564-03	.3109-03	537.8	1.773	.1825
27	90.000	.00000	50.000	.8651	1.086	.1210-01	.1519-01	634.3	72.14	7.449
27	90.000	.39300	57.000	.7013	.8732	.9814-02	.1222-01	614.7	58.28	6.231
27	90.000	.78500	58.000	.5019	.6201	.7023-02	.8677-02	594.1	43.50	4.604
27	90.000	1.1780	59.000	.2543	.3115	.3556-02	.4359-02	569.6	26.61	2.420
27	90.000	1.6300	70.000	.1002	.1218	.1401-02	.1704-02	546.7	10.96	.9852
27	90.000	1.9960	71.000	.6217-01	.7555-01	.8699-03	.1057-02	543.9	6.908	.6139
27	90.000	2.5420	72.000	.5126-01	.6226-01	.7173-03	.8712-03	542.5	5.654	.5072
27	90.000	3.0900	73.000	.4641-01	.5634-01	.6493-03	.7883-03	540.8	4.466	.4603
27	90.000	3.6190	74.000	.3140-01	.3811-01	.4394-03	.5333-03	539.7	3.002	.3119
27	135.00	.00000	50.000	.8651	1.086	.1210-01	.1519-01	634.3	72.14	7.449
27	135.00	.39300	60.000	.9789	1.210	.1370-01	.1694-01	596.1	80.97	8.952
27	135.00	.78500	61.000	.5869	.7278	.8213-02	.1018-01	604.1	47.77	5.302
27	135.00	1.1780	62.000	.2681	.3280	.3752-02	.4590-02	564.8	23.61	2.570
27	135.00	2.2690	66 000	.4945-01	.6005-01	.6920-03	.8403-03	541.7	5.330	.4899
27	135.00	2.8900	67.000	.3657-01	.4441-01	.5118-03	.6214-03	541.2	4.302	.3626

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS17)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
27	135.00	3.5130	68.000	.3143-01	.3816-01	.4399-03	.5339-03	540.4	3.413	.3120
27	135.00	4.1140	69.000	.2765-01	.3356-01	.3869-03	.4696-03	540.6	2.758	.2743
27	180.00	.00000	50.000	.8651	1.086	.1210-01	.1519-01	634.3	72.14	7.449
27	180.00	.39300	49.000	.5714	.7143	.7995-02	.9995-02	624.9	97.19	4.995
27	180.00	.78500	48.000	.6162	.7693	.8622-02	.1076-01	621.8	72.53	5.414
27	180.00	1.1780	47.000	.6835	.8460	.9564-02	.1184-01	599.0	64.24	6.223
27	225.00	.00000	50.000	.8651	1.086	.1210-01	.1519-01	634.3	72.14	7.449
27	225.00	.39300	63.000	.8964	1.116	.1254-01	.1561-01	614.2	95.28	7.971
27	225.00	.78500	64.000	.5545	.6925	.7759-02	.9690-02	622.7	52.12	4.865
27	225.00	1.1780	65.000	.2535	.3101	.3547-02	.4340-02	565.6	24.30	2.426
27	270.00	.00000	50.000	.8651	1.086	.1210-01	.1519-01	634.3	72.14	7.449
27	270.00	.39300	56.000	.7119	.8897	.9961-02	.1245-01	624.3	60.62	6.229
27	270.00	.78500	55.000	.5394	.6675	.7548-02	.9340-02	598.5	46.33	4.915
27	270.00	1.1780	54.000	.2320	.2837	.3247-02	.3970-02	563.7	24.56	2.227

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS17)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.940 BETA = -.6886-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
20	2.030	5.032	-.6868-03	7.980	438.1	1296.	94.33	.4561-01	2.033	3799.	.1305-02	.7590-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
20	.2029-01	.1646-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
20	.00000	.00000	50.000	.8564	1.082	.1737-01	.2196-01	675.0	102.4	10.78
20	.00000	.39300	51.000	.6438	.8068	.1306-01	.1637-01	654.3	84.17	8.376
20	.00000	.78500	52.000	.3128	.3871	.6346-02	.7854-02	621.1	65.57	4.281
20	.00000	1.1780	53.000	.1513	.1850	.3070-02	.3752-02	583.2	38.23	2.187
20	.00000	1.5710	75.000	.9923-01	.1201	.2013-02	.2437-02	550.3	15.50	1.500
20	.00000	2.5420	76.000	.3456-01	.4173-01	.7010-03	.8465-03	541.8	5.358	.5285
20	.00000	3.6370	77.000	.1749-01	.2111-01	.3548-03	.4282-03	540.3	2.601	.2680
20	90.000	.00000	50.000	.8564	1.082	.1737-01	.2196-01	675.0	102.4	10.78
20	90.000	.39300	57.000	.7027	.8786	.1426-01	.1782-01	648.5	84.88	9.226
20	90.000	.78500	58.000	.5020	.6210	.1018-01	.1260-01	619.6	64.23	6.885
20	90.000	1.1780	59.000	.2523	.3083	.5119-02	.6254-02	582.0	39.93	3.653
20	90.000	1.6300	70.000	.9874-01	.1195	.2003-02	.2425-02	550.6	16.57	1.492
20	90.000	1.9960	71.000	.6075-01	.7346-01	.1232-02	.1490-02	546.7	10.37	.9230
20	90.000	2.5420	72.000	.5193-01	.6277-01	.1054-02	.1274-02	545.6	8.795	.7902
20	90.000	3.0900	73.000	.4755-01	.5747-01	.9646-03	.1166-02	545.1	7.009	.7240
20	90.000	3.6190	74.000	.3344-01	.4040-01	.6784-03	.8197-03	543.7	4.900	.5102
20	135.00	.00000	50.000	.8564	1.082	.1737-01	.2196-01	675.0	102.4	10.78
20	135.00	.39300	60.000	.9727	1.203	.1973-01	.2441-01	619.9	119.2	13.34
20	135.00	.78500	61.000	.5974	.7430	.1212-01	.1507-01	634.6	71.11	8.012
20	135.00	1.1780	62.000	.2807	.3424	.5694-02	.6946-02	577.0	37.36	4.092
20	135.00	2.2690	66.000	.5045-01	.6097-01	.1024-02	.1237-02	544.7	8.350	.7686
20	135.00	2.8900	67.000	.3894-01	.4708-01	.7900-03	.9550-03	546.0	7.011	.5922

OH400 (AEDC V418-65) .0525 VERTICAL/SILTS POD (R4XS17)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
20	135.00	3.5130	68.000	.3179-01	.3841-01	.6450-03	.7793-03	544.2	5.292	.4846
20	135.00	4.1140	69.000	.2641-01	.3192-01	.5357-03	.6475-03	545.2	4.032	.4021
20	180.00	.00000	50.000	.8564	1.082	.1737-01	.2196-01	675.0	102.4	10.78
20	180.00	.39300	49.000	.5698	.7156	.1156-01	.1452-01	659.7	140.7	7.351
20	180.00	.78500	48.000	.8177	1.036	.1659-01	.2102-01	680.6	132.9	10.20
20	180.00	1.1780	47.000	.8113	1.009	.1646-01	.2048-01	635.4	110.2	10.87
20	225.00	.00000	50.000	.8564	1.082	.1737-01	.2196-01	675.0	102.4	10.78
20	225.00	.39300	63.000	.8895	1.111	.1805-01	.2253-01	644.6	138.4	11.75
20	225.00	.78500	64.000	.5947	.7484	.1206-01	.1518-01	664.8	79.91	7.611
20	225.00	1.1780	65.000	.2741	.3348	.5561-02	.6792-02	580.7	39.53	3.976
20	270.00	.00000	50.000	.8564	1.082	.1737-01	.2196-01	675.0	102.4	10.78
20	270.00	.39300	56.000	.7124	.8957	.1445-01	.1817-01	662.6	87.41	9.149
20	270.00	.78500	55.000	.5395	.6689	.1094-01	.1357-01	626.0	68.17	7.329
20	270.00	1.1780	54.000	.2296	.2799	.4659-02	.5679-02	574.4	36.87	3.361

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS18)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.940 BETA = -.1142-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
34	.5071	5.004	-.6965-03	7.900	100.1	1244.	92.25	.1113-01	.4862	3720.	.3256-03	.7423-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
34	.9851-02	.3281-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
34	.00000	.00000	50.000	.8724	1.076	.8594-02	.1060-01	587.0	55.93	5.643
34	.00000	.39300	51.000	.6465	.7944	.6368-02	.7825-02	575.6	44.43	4.255
34	.00000	.78500	52.000	.3162	.3866	.3115-02	.3808-02	560.9	33.56	2.127
34	.00000	1.1780	53.000	.1531	.1860	.1508-02	.1833-02	541.0	18.92	1.060
34	.00000	1.5710	75.000	.1046	.1265	.1031-02	.1246-02	525.5	7.742	.7401
34	.00000	2.5420	76.000	.3833-01	.4631-01	.3775-03	.4561-03	522.1	2.790	.2724
34	.00000	3.6370	77.000	.2031-01	.2456-01	.2000-03	.2419-03	525.6	1.404	.1436
34	90.000	.00000	50.000	.8724	1.076	.8594-02	.1060-01	587.0	55.93	5.643
34	90.000	.39300	57.000	.7048	.8653	.6942-02	.8524-02	573.3	44.42	4.654
34	90.000	.78500	58.000	.5057	.6185	.4981-02	.6092-02	561.7	32.61	3.397
34	90.000	1.1780	59.000	.2573	.3129	.2535-02	.3082-02	543.2	19.79	1.776
34	90.000	1.6300	70.000	.1022	.1237	.1007-02	.1219-02	527.6	8.101	.7212
34	90.000	1.9960	71.000	.6617-01	.8006-01	.6518-03	.7886-03	526.6	5.306	.4674
34	90.000	2.5420	72.000	.5188-01	.6276-01	.5110-03	.6183-03	526.8	4.117	.3664
34	90.000	3.0900	73.000	.4684-01	.5668-01	.4614-03	.5583-03	527.4	3.228	.3305
34	90.000	3.6190	74.000	.3088-01	.3737-01	.3042-03	.3681-03	527.8	2.108	.2177
34	135.00	.00000	50.000	.8724	1.076	.8594-02	.1060-01	587.0	55.93	5.643
34	135.00	.39300	60.000	.9896	1.209	.9748-02	.1191-01	558.7	61.52	6.677
34	135.00	.78500	61.000	.5913	.7248	.5825-02	.7140-02	568.7	36.05	3.932
34	135.00	1.1780	62.000	.2688	.3268	.2648-02	.3219-02	542.6	17.25	1.856
34	135.00	2.2690	66.000	.5420-01	.6563-01	.5339-03	.6465-03	529.4	4.175	.3814
34	135.00	2.8900	67.000	.4013-01	.4861-01	.3953-03	.4788-03	530.2	3.366	.2821

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS18)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
34	135.00	3.5130	68.000	.3692-01	.4472-01	.3637-03	.4405-03	530.1	2.854	.2595
34	135.00	4.1140	69.000	.3310-01	.4010-01	.3261-03	.3950-03	530.6	2.349	.2325
34	180.00	.00000	50.000	.8724	1.076	.8594-02	.1060-01	587.0	55.93	5.643
34	180.00	39300	49.000	.6034	.7425	.5944-02	.7314-02	579.8	78.50	3.946
34	180.00	.78500	48.000	.6377	.7847	.6282-02	.7730-02	579.6	57.06	4.172
34	180.00	1.1780	47.000	.7565	.9270	.7452-02	.9132-02	567.4	52.84	5.040
34	225.00	.00000	50.000	.6724	1.076	.8594-02	.1060-01	587.0	55.93	5.643
34	225.00	.39300	63.000	.9231	1.133	.9093-02	.1116-01	571.5	74.61	6.112
34	225.00	.78500	64.000	.5589	.6884	.5506-02	.6782-02	582.7	39.76	3.639
34	225.00	1.1780	65.000	.2555	.3108	.2517-02	.3062-02	544.7	17.81	1.759
34	270.00	.00000	50.000	.8724	1.076	.8594-02	.1060-01	587.0	55.93	5.643
34	270 00	.39300	56.000	.7177	.8834	.7070-02	.8702-02	580.5	46.62	4.689
34	270.00	.78500	55.000	.5440	.6656	.5359-02	.6556-02	562.6	35.03	3.650
34	270.00	1.1780	54.000	.2339	.2841	.2304-02	.2798-02	539.4	18.12	1.623

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS18)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.940 BETA = -.1142-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
30	1.012	5.048	-.6812-03	7.940	205.8	1257.	92.34	.2214-01	.9770	3740.	.6471-03	.7431-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
30	.1399-01	.2330-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
30	.00000	.00000	50.000	.8663	1.081	.1212-01	.1512-01	623.2	74.76	7.678
30	.00000	.39300	51.000	.6462	.8009	.9040-02	.1120-01	606.0	60.51	5.882
30	.00000	.78500	52.000	.3138	.3855	.4390-02	.5393-02	581.4	46.30	2.964
30	.00000	1.1780	53.000	.1523	.1855	.2130-02	.2595-02	555.4	26.47	1.494
30	.00000	1.5710	75.000	.1008	.1219	.1410-02	.1706-02	531.4	10.67	1.023
30	.00000	2.5420	76.000	.3713-01	.4487-01	.5195-03	.6277-03	527.8	3.866	.3786
30	.00000	3.6370	77.000	.1892-01	.2290-01	.2647-03	.3203-03	532.9	1.866	.1916
30	90.000	.00000	50.000	.8663	1.081	.1212-01	.1512-01	623.2	74.76	7.678
30	90.000	.39300	57.000	.7043	.8718	.9853-02	.1220-01	602.7	60.62	6.443
30	90.000	.78500	58.000	.5037	.6190	.7046-02	.8659-02	582.0	45.18	4.754
30	90.000	1.1780	59.000	.2585	.3152	.3617-02	.4409-02	557.1	28.00	2.530
30	90.000	1.6300	70.000	.1012	.1225	.1416-02	.1714-02	534.1	11.45	1.023
30	90.000	1.9960	71.000	.6426-01	.7775-01	.8990-03	.1088-02	532.4	7.370	.6511
30	90.000	2.5420	72.000	.5233-01	.6333-01	.7320-03	.8859-03	533.2	5.932	.5296
30	90.000	3.0900	73.000	.4696-01	.5685-01	.6569-03	.7952-03	534.1	4.621	.4747
30	90.000	3.6190	74.000	.3153-01	.3819-01	.4411-03	.5343-03	535.9	3.066	.3179
30	135.00	.00000	50.000	.8663	1.081	.1212-01	.1512-01	623.2	74.76	7.678
30	135.00	.39300	60.000	.9792	1.204	.1370-01	.1685-01	584.9	83.69	9.202
30	135.00	.78500	61.000	.5879	.7256	.8224-02	.1015-01	594.5	49.29	5.446
30	135.00	1.1780	62.000	.2702	.3291	.3779-02	.4605-02	555.4	24.46	2.650
30	135.00	2.2690	66.000	.4997-01	.6050-01	.6991-03	.8464-03	534.6	5.512	.5048
30	135.00	2.8900	67.000	.3509-01	.4250-01	.4908-03	.5945-03	536.0	4.209	.3537

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS18)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
30	135.00	3.5130	68.000	.3169-01	.3839-01	.4433-03	.5370-03	536.8	3.498	.3191
30	135.00	4.1140	69.000	.2765-01	.3352-01	.3868-03	.4689-03	538.6	2.795	.2777
30	180.00	.00000	50.000	.8663	1.081	.1212-01	.1512-01	623.2	74.76	7.678
30	180.00	.39300	49.000	.5698	.7086	.7971-02	.9912-02	615.0	99.99	5.114
30	180.00	.78500	48.000	.6116	.7604	.8556-02	.1064-01	614.6	73.86	5.493
30	180.00	1.1780	47.000	.6880	.8486	.9625-02	.1187-01	592.8	66.15	6.389
30	225.00	.00000	50.000	.8663	1.081	.1212-01	.1512-01	623.2	74.76	7.678
30	225.00	.39300	63.000	.8964	1.110	.1254-01	.1553-01	604.2	98.28	8.182
30	225.00	.78500	64.000	.5555	.6910	.7771-02	.9666-02	615.8	53.54	4.980
30	225.00	1.1780	65.000	.2555	.3116	.3574-02	.4360-02	559.2	25.05	2.493
30	270.00	.00000	50.000	.8663	1.081	.1212-01	.1512-01	623.2	74.76	7.678
30	270.00	.39300	56.000	.7145	.8880	.9996-02	.1242-01	613.4	62.90	6.430
30	270.00	.78500	55.000	.5417	.6670	.7579-02	.9330-02	587.3	48.09	5.073
30	270.00	1.1780	54.000	.2341	.2850	.3275-02	.3987-02	553.2	25.55	2.304

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS18)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.940 BETA = -.1142-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
23	2.016	5.044	-.2048-02	7.980	435.1	1296.	94.33	.4530-01	2.019	3799.	.1296-02	.7590-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
23	.2022-01	.1652-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
23	.00000	.00000	50.000	.8464	1.064	.1711-01	.2151-01	662.0	103.6	10.84
23	.00000	.39300	51.000	.6358	.7926	.1285-01	.1603-01	640.9	85.11	8.416
23	.00000	.78500	52.000	.3109	.3830	.6285-02	.7743-02	607.4	66.71	4.326
23	.00000	1.1780	53.000	.1505	.1832	.3043-02	.3703-02	568.8	38.94	2.212
23	.00000	1.5710	75.000	.9980-01	.1206	.2018-02	.2438-02	543.8	15.72	1.517
23	.00000	2.5420	76.000	.3484-01	.4198-01	.7044-03	.8487-03	533.6	5.464	.5368
23	.00000	3.6370	77.000	.1756-01	.2113-01	.3550-03	.4272-03	529.9	2.652	.2718
23	90.000	.00000	50.000	.8464	1.064	.1711-01	.2151-01	662.0	103.6	10.84
23	90.000	.39300	57.000	.6943	.8637	.1404-01	.1746-01	634.9	85.90	9.275
23	90.000	.78500	58.000	.4972	.6121	.1005-01	.1238-01	605.6	65.16	6.937
23	90.000	1.1780	59.000	.2503	.3045	.5061-02	.6157-02	567.5	40.57	3.685
23	90.000	1.6300	70.000	.9879-01	.1194	.1997-02	.2413-02	544.3	16.72	1.501
23	90.000	1.9960	71.000	.6313-01	.7619-01	.1276-02	.1540-02	540.0	10.87	.9644
23	90.000	2.5420	72.000	.5173-01	.6240-01	.1046-02	.1262-02	537.8	8.858	.7927
23	90.000	3.0900	73.000	.4804-01	.5793-01	.9713-03	.1171-02	536.2	7.174	.7377
23	90.000	3.6190	74.000	.3345-01	.4030-01	.6763-03	.8149-03	533.5	4.977	.5155
23	135.00	.00000	50.000	.8464	1.064	.1711-01	.2151-01	662.0	103.6	10.84
23	135.00	.39300	60.000	.9694	1.193	.1960-01	.2413-01	605.6	121.7	13.52
23	135.00	.78500	61.000	.5890	.7289	.1191-01	.1474-01	620.7	71.83	8.038
23	135.00	1.1780	62.000	.2771	.3366	.5603-02	.6805-02	562.0	37.82	4.111
23	135.00	2.2690	66.000	.4967-01	.5976-01	.1004-02	.1208-02	528.2	8.442	.7706
23	135.00	2.8900	67.000	.3741-01	.4512-01	.7563-03	.9121-03	537.5	6.816	.5733

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS18)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
23	135.00	3.5130	68.000	.3315-01	.3875-01	.6500-03	.7834-03	534.8	5.428	.4946
23	135.00	4.1140	69.000	.2739-01	.3301-01	.5538-03	.6674-03	534.3	4.252	.4217
23	180.00	.00000	50.000	.8464	1.064	.1711-01	.2151-01	662.0	103.6	10.84
23	180.00	.39300	49.000	.5678	.7093	.1148-01	.1434-01	646.2	143.6	7.456
23	180.00	.78500	48.000	.8092	1.019	.1636-01	.2061-01	666.7	134.9	10.29
23	180.00	1.1780	47.000	.7915	.9821	.1600-01	.1986-01	628.2	108.7	10.68
23	225.00	.00000	50.000	.8464	1.064	.1711-01	.2151-01	662.0	103.6	10.84
23	225.00	.39300	63.000	.8906	1.106	.1800-01	.2236-01	631.1	141.9	11.97
23	225.00	.78500	64.000	.5856	.7329	.1184-01	.1482-01	650.7	80.71	7.636
23	225.00	1.1780	65.000	.2710	.3294	.5479-02	.6660-02	564.9	40.12	4.004
23	270.00	.00000	50.000	.8464	1.064	.1711-01	.2151-01	662.0	103.6	10.84
23	270.00	.39300	56.000	.7034	.8796	.1422-01	.1778-01	648.8	88.48	9.200
23	270.00	.78500	55.000	.5334	.6581	.1078-01	.1331-01	612.0	69.04	7.373
23	270.00	1.1780	54.000	.2275	.2760	.4599-02	.5581-02	558.8	37.47	3.389

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS19)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.980 BETA = .9305-07

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
26	2.015	5.012	.9305-07	7.980	437.8	1302.	94.76	.4558-01	2.032	3808.	.1298-02	.7626-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
26	.2030-01	.1651-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
26	.00000	.00000	50.000	.8487	1.066	.1722-01	.2163-01	662.1	105.3	11.02
26	.00000	.39300	51.000	.6380	.7946	.1296-01	.1613-01	638.0	87.14	8.604
26	.00000	.78500	52.000	.3122	.3835	.6336-02	.7784-02	602.0	68.54	4.433
26	.00000	1.1780	53.000	.1525	.1850	.3095-02	.3754-02	560.7	40.53	2.293
26	.00000	1.5710	75.000	.1024	.1233	.2078-02	.2502-02	534.1	16.61	1.595
26	.00000	2.5420	76.000	.3650-01	.4387-01	.7409-03	.8904-03	526.6	5.867	.5742
26	.00000	3.6370	77.000	.1761-01	.2119-01	.3575-03	.4300-03	530.2	2.690	.2758
26	90.000	.00000	50.000	.8487	1.066	.1722-01	.2163-01	662.1	105.3	11.02
26	90.000	.39300	57.000	.6943	.8620	.1409-01	.1750-01	632.7	87.39	9.426
26	90.000	.78500	58.000	.4985	.6124	.1012-01	.1243-01	601.8	66.65	7.082
26	90.000	1.1780	59.000	.2538	.3080	.5152-02	.6251-02	561.4	42.11	3.814
26	90.000	1.6300	70.000	.1008	.1214	.2045-02	.2465-02	536.6	17.50	1.565
26	90.000	1.9960	71.000	.6322-01	.7611-01	.1283-02	.1545-02	532.9	11.16	.9865
26	90.000	2.5420	72.000	.5257-01	.6329-01	.1067-02	.1284-02	533.1	9.185	.8200
26	90.000	3.0900	73.000	.4895-01	.5895-01	.9935-03	.1196-02	534.2	7.422	.7624
26	90.000	3.6190	74.000	.3368-01	.4056-01	.6836-03	.8233-03	534.8	5.057	.5242
26	135.00	.00000	50.000	.8487	1.066	.1722-01	.2163-01	662.1	105.3	11.02
26	135.00	.39300	60.000	.9681	1.101	.1965-01	.2417-01	606.3	123.0	13.66
26	135.00	.78500	61.000	.5927	.7326	.1203-01	.1487-01	619.9	73.32	8.202
26	135.00	1.1780	62.000	.2813	.3410	.5709-02	.6921-02	558.7	39.08	4.241
26	135.00	2.2690	66.000	.4964-01	.5964-01	.1007-02	.1210-02	525.3	8.582	.7822
26	135.00	2.8900	67.000	.3891-01	.4689-01	.7898-03	.9517-03	536.6	7.187	.6042

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS19)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
26	135.00	3.5130	68.000	.3237-01	.3900-01	.6570-03	.7915-03	535.8	5.518	.5032
26	135.00	4.1140	69.000	.2659-01	.3205-01	.5397-03	.6506-03	537.8	4.150	.4123
26	180.00	.00000	50.000	.8487	1.066	.1722-01	.2163-01	662.1	105.3	11.02
26	180.00	.39300	49.000	.5508	.6883	.1118-01	.1397-01	649.8	140.1	7.288
26	180.00	.78500	48.000	.7703	.9715	.1563-01	.1972-01	673.2	128.4	9.825
26	180.00	1.1780	47.000	.7523	.9343	.1527-01	.1896-01	633.3	103.6	10.21
26	225.00	.00000	50.000	.8487	1.066	.1722-01	.2163-01	662.1	105.3	11.02
26	225.00	.39300	63.000	.8781	1.091	.1782-01	.2214-01	634.1	140.8	11.90
26	225.00	.78500	64.000	.5830	.7294	.1183-01	.1480-01	653.3	80.99	7.672
26	225.00	1.1780	65.000	.2760	.3352	.5601-02	.6803-02	564.6	41.38	4.129
26	270.00	.00000	50.000	.8487	1.066	.1722-01	.2163-01	662.1	105.3	11.02
26	270.00	.39300	56.000	.7045	.8795	.1430-01	.1785-01	647.7	89.97	9.350
26	270.00	.78500	55.000	.5380	.6625	.1092-01	.1345-01	609.1	70.91	7.562
26	270.00	1.1780	54.000	.2318	.2806	.4704-02	.5696-02	554.4	38.95	3.515

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS20)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.970 BETA = .2407-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
15	1.025	30.08	.7233-02	7.940	207.3	1253.	92.05	.2230-01	.9842	3734.	.6539-03	.7407-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
15	.1403-01	.2317-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
15	.00000	.00000	50.000	.1312	.1594	.1840-02	.2236-02	544.9	13.18	1.303
15	.00000	.39300	51.000	.9077-01	.1103	.1274-02	.1548-02	544.8	9.561	.9016
15	.00000	.78500	52.000	.4633-01	.5629-01	.6501-03	.7899-03	545.1	7.316	.4600
15	.00000	1.1780	53.000	.2322-01	.2820-01	.3258-03	.3958-03	543.7	4.117	.2310
15	.00000	1.5710	75.000	.1867-01	.2265-01	.2619-03	.3179-03	541.[illegible]	1.934	.1864
15	.00000	2.5420	76.000	.1331-01	.1614-01	.1867-03	.2265-03	539.0	1.353	.1332
15	.00000	3.6370	77.000	.1247-01	.1511-01	.1750-03	.2121-03	536.7	1.218	.1253
15	90.000	.00000	50.000	.1312	.1594	.1840-02	.2236-02	544.9	13.18	1.303
15	90.000	.39300	57.000	.1438	.1747	.2017-02	.2452-02	545.7	13.80	1.426
15	90.000	.78500	58.000	.1626	.1977	.2281-02	.2774-02	546.8	15.58	1.610
15	90.000	1.1780	59.000	.1105	.1343	.1551-02	.1885-02	545.8	12.20	1.096
15	90.000	1.6300	70.000	.5371-01	.6520-01	.7537-03	.9150-03	541.9	5.974	.5357
15	90.000	1.9960	71.000	.4343-01	.5272-01	.6095-03	.7398-03	541.4	4.884	.4335
15	90.000	2.5420	72.000	.4260-01	.5169-01	.5978-03	.7254-03	540.5	4.751	.4258
15	90.000	3.0900	73.000	.4668-01	.5663-01	.6551-03	.7947-03	539.4	4.536	.4672
15	90.000	3.6190	74.000	.3710-01	.4499-01	.5206-03	.6313-03	538.4	3.581	.3719
15	135.00	.00000	50.000	.1312	.1594	.1840-02	.2236-02	544.9	13.18	1.303
15	135.00	.39300	60.000	.2447	.2977	.3434-02	.4177-02	548.3	22.41	2.419
15	135.00	.78500	61.000	.3038	.3699	.4263-02	.5190-02	551.3	27.66	2.990
15	135.00	1.1780	62.000	.1994	.2424	.2799-02	.3401-02	545.8	18.34	1.978
15	135.00	2.2690	66.000	.1008	.1223	.1414-02	.1717-02	541.5	10.95	1.006
15	135.00	2.8900	67.000	.1118	.1357	.1568-02	.1904-02	542.7	13.20	1.113

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS20)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
15	135.00	3.5130	68.000	.1048	.1272	.1471-02	.1785-02	541.5	11.44	1.046
15	135.00	4.1140	69.000	.1060	.1286	.1488-02	.1805-02	540.4	10.65	1.060
15	180.00	.00000	50.000	.1312	.1594	.1840-02	.2236-02	544.9	13.18	1.303
15	180.00	.39300	49.000	.1709	.2081	.2399-02	.2921-02	551.7	33.93	1.682
15	180.00	.78500	48.000	.3020	.3681	.4238-02	.5165-02	554.9	40.95	2.957
15	180.00	1.1780	47.000	.1694	.2059	.2377-02	.2889-02	545.5	17.82	1.681
15	225.00	.00000	50.000	.1312	.1594	.1840-02	.2236-02	544.9	13.18	1.303
15	225.00	.39300	63.000	.2231	.2714	.3131-02	.3809-02	548.6	27.22	2.204
15	225.00	.78500	64.000	.3138	.3821	.4403-02	.5361-02	551.9	34.24	3.086
15	225.00	1.1780	65.000	.1754	.2131	.2461-02	.2990-02	544.8	17.64	1.742
15	270.00	.00000	50.000	.1312	.1594	.1840-02	.2236-02	544.9	13.18	1.303
15	270.00	.39300	56.000	.1704	.2072	.2392-02	.2908-02	546.7	17.08	1.689
15	270.00	.78500	55.000	.1592	.1935	.2234-02	.2716-02	545.8	15.28	1.579
15	270.00	1.1780	54.000	.8775-01	.1066	.1231-02	.1495-02	542.8	9.743	.8741

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS20)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.970 BETA = .2407-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
1	3.707	30.05	-.2419-02	8.000	855.3	1349.	97.73	.8761-01	3.925	3877.	.2419-02	.7864-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
1	.2838-01	.1214-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
1	.00000	.00000	50.000	.3878	.4699	.1101-01	.1334-01	576.4	84.70	8.501
1	.00000	.39300	51.000	.1671	.2018	.4744-02	.5727-02	563.0	39.16	3.727
1	.00000	.78500	52.000	.6319-01	.7594-01	.1794-02	.2156-02	545.5	22.91	1.441
1	.00000	1.1780	53.000	.2311-01	.2772-01	.6559-03	.7869-03	538.4	9.499	.5315
1	.00000	1.5710	75.000	.1490-01	.1785-01	.4228-03	.5067-03	533.8	3.589	.3445
1	.00000	2.5420	76.000	.8516-02	.1020-01	.2417-03	.2896-03	532.9	2.008	.1972
1	.00000	3.6370	77.000	.1158-01	.1388-01	.3286-03	.3939-03	535.1	2.601	.2673
1	90.000	.00000	50.000	.3878	.4699	.1101-01	.1334-01	576.4	84.70	8.501
1	90.000	.39300	57.000	.2968	.3589	.8424-02	.1019-01	569.1	62.81	6.567
1	90.000	.78500	58.000	.2347	.2834	.6661-02	.8045-02	565.2	50.01	5.218
1	90.000	1.1780	59.000	.1217	.1465	.3453-02	.4157-02	552.5	30.49	2.749
1	90.000	1.6300	70.000	.5005-01	.6002-01	.1421-02	.1704-02	537.2	12.89	1.153
1	90.000	1.9960	71.000	.3592-01	.4307-01	.1020-02	.1223-02	536.2	9.358	.8284
1	90.000	2.5420	72.000	.3475-01	.4167-01	.9865-03	.1183-02	536.1	8.964	.8015
1	90.000	3.0900	73.000	.4060-01	.4869-01	.1152-02	.1382-02	536.8	9.096	.9356
1	90.000	3.6190	74.000	.3409-01	.4089-01	.9677-03	.1161-02	537.5	7.563	.7850
1	135.00	.00000	50.000	.3878	.4699	.1101-01	.1334-01	576.4	84.70	8.501
1	135.00	.39300	60.000	.6148	.7485	.1745-01	.2125-01	593.3	119.4	13.18
1	135.00	.78500	61.000	.5271	.6415	.1496-01	.1821-01	592.4	102.5	11.32
1	135.00	1.1780	62.000	.3024	.3650	.8582-02	.1036-01	562.7	62.03	6.746
1	135.00	2.2690	66.000	.1021	.1226	.2898-02	.3481-02	544.0	25.34	2.332
1	135.00	2.8900	67.000	.1039	.1250	.2950-02	.3549-02	549.1	27.88	2.359

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS20)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
1	135.00	3.5130	68.000	.1015	.1220	.2880-02	.3464-02	548.3	25.12	2.305
1	135.00	4.1140	69.000	.9967-01	.1199	.2829-02	.3402-02	548.2	22.68	2.265
1	180.00	.00000	50.000	.3878	.4699	.1101-01	.1334-01	576.4	84.70	8.501
1	180.00	.39300	49.000	.4948	.6132	.1404-01	.1741-01	650.4	188.5	9.805
1	180.00	.78500	48.000	.8864	1.118	.2516-01	.3172-01	696.5	212.1	16.41
1	180.00	1.1780	47.000	.5300	.6466	.1504-01	.1835-01	600.8	116.0	11.25
1	225.00	.00000	50.000	.3878	.4699	.1101-01	.1334-01	576.4	84.70	8.501
1	225.00	.39300	63.000	.6702	.8240	.1902-01	.2339-01	626.1	163.4	13.75
1	225.00	.78500	64.000	.7162	.8843	.2033-01	.2510-01	639.4	153.2	14.42
1	225.00	1.1780	65.000	.2967	.3585	.8421-02	.1018-01	567.0	65.89	6.583
1	270.00	.00000	50.000	.3878	.4699	.1101-01	.1334-01	576.4	84.70	8.501
1	270.00	.39300	56.000	.3692	.4477	.1048-01	.1271-01	580.0	80.12	8.055
1	270.00	.78500	55.000	.2547	.3075	.7231-02	.8729-02	563.1	54.50	5.681
1	270.00	1.1780	54.000	.1100	.1322	.3121-02	.3752-02	546.8	27.84	2.503

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS21)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.962 BETA = -.2395-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
16	.5041	30.05	.2419-02	7.900	98.70	1237.	91.73	.1097-01	.4792	3709.	.3228-03	.7381-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
16	.9770-02	.3294-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
16	.00000	.00000	50.000	.1406	.1716	.1374-02	.1676-02	551.2	9.502	.9417
16	.00000	.39300	51.000	.8611-01	.1048	.8413-03	.1024-02	544.5	6.176	.5823
16	.00000	.78500	52.000	.3917-01	.4763-01	.3827-03	.4654-03	540.3	4.249	.2665
16	.00000	1.1780	53.000	.2114-01	.2568-01	.2065-03	.2509-03	537.5	2.582	.1444
16	.00000	1.5710	75.000	.1921-01	.2332-01	.1877-03	.2279-03	535.3	1.370	.1316
16	.00000	2.5420	76.000	.1188-01	.1443-01	.1161-03	.1409-03	535.1	.8285	.8145-01
16	.00000	3.6370	77.000	.8480-02	.1029-01	.8285-04	.1006-03	534.8	.5660	.5816-01
16	90.000	.00000	50.000	.1406	.1716	.1374-02	.1676-02	551.2	9.502	.9417
16	90.000	.39300	57.000	.1465	.1787	.1432-02	.1746-02	549.1	9.511	.9844
16	90.000	.78500	58.000	.1742	.2124	.1702-02	.2076-02	549.9	11.29	1.169
16	90.000	1.1780	59.000	.1257	.1532	.1229-02	.1496-02	545.7	9.448	.8489
16	90.000	1.6300	70.000	.6648-01	.8081-01	.6496-03	.7895-03	538.9	5.062	.4532
16	90.000	1.9960	71.000	.5168-01	.6281-01	.5050-03	.6137-03	538.7	3.976	.3524
16	90.000	2.5420	72.000	.5132-01	.6238-01	.5014-03	.6094-03	538.8	3.908	.3499
16	90.000	3.0900	73.000	.5545-01	.6739-01	.5418-03	.6584-03	538.7	3.673	.3781
16	90.000	3.6190	74.000	.3878-01	.4711-01	.3789-03	.4603-03	537.5	2.552	.2649
16	135.00	.00000	50.000	.1406	.1716	.1374-02	.1676-02	551.2	9.502	.9417
16	135.00	.39300	60.000	.2412	.2946	.2357-02	.2878-02	553.6	14.87	1.610
16	135.00	.78500	61.000	.2348	.2874	.2294-02	.2808-02	560.7	14.27	1.551
16	135.00	1.1780	62.000	.1602	.1954	.1565-02	.1909-02	550.2	9.944	1.075
16	135.00	2.2690	66.000	.4211-01	.5121-01	.4114-03	.5003-03	540.5	3.115	.2862
16	135.00	2.8900	67.000	.4198-01	.5108-01	.4101-03	.4991-03	542.9	3.374	.2845

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS21)

RUN NUMBER	THETA	S/C	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
16	135.00	3.5130	68.000	.3618-01	.4401-01	.3535-03	.4299-03	541.5	2.687	.2457
16	135.00	4.1140	69.000	.1953-01	.2374-01	.1908-03	.2320-03	540.2	1.336	.1329
16	180.00	.00000	50.000	.1406	.1716	.1374-02	.1676-02	551.2	9.502	.9417
16	180.00	.39300	49.000	.8837-01	.1083	.8634-03	.1059-02	565.9	11.60	.5791
16	180.00	.78500	48.000	.3457-01	.4246-01	.3378-03	.4148-03	571.0	3.088	.2248
16	180.00	1.1780	47.000	.8488-01	.1036	.8293-03	.1012-02	551.0	6.011	.5686
16	225.00	.00000	50.000	.1406	.1716	.1374-02	.1676-02	551.2	9.502	.9417
16	225.00	.39300	63.000	.1816	.2223	.1775-02	.2172-02	560.6	14.73	1.200
16	225.00	.78500	64.000	.1282	.1571	.1252-02	.1535-02	564.7	9.278	.8416
16	225.00	1.1780	65.000	.9611-01	.1172	.9390-03	.1145-02	549.9	6.511	.6449
16	270.00	.00000	50.000	.1406	.1716	.1374-02	.1676-02	551.2	9.502	.9417
16	270.00	.39300	56.000	.1581	.1929	.1544-02	.1885-02	552.2	10.66	1.057
16	270.00	.78500	55.000	.1690	.2060	.1651-02	.2013-02	549.3	10.96	1.135
16	270.00	1.1780	54.000	.1201	.1462	.1173-02	.1428-02	543.6	9.058	.8130

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.962 BETA = -.2395-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
12	1.022	30.08	-.4821-02	7.940	204.8	1245.	91.46	.2203-01	.9723	3722.	.6502-03	.7360-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
12	.1393-01	.2322-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
12	.00000	.00000	50.000	.1921	.2345	.2677-02	.3268-02	556.1	18.55	1.843
12	.00000	.39300	51.000	.1079	.1312	.1503-02	.1828-02	544.4	11.17	1.053
12	.00000	.78500	52.000	.4738-01	.5751-01	.6601-03	.8013-03	538.1	7.444	.4664
12	.00000	1.1780	53.000	.2402-01	.2911-01	.3347-03	.4056-03	532.6	4.272	.2383
12	.00000	1.5710	75.000	.20[illegible]-01	.2432-01	.2799-03	.3388-03	528.7	2.093	.2004
12	.00000	2.5420	76.000	.1309-01	.1585-01	.1824-03	.2208-03	528.5	1.333	.1306
12	.00000	3.6370	77.000	.1113-01	.1347-01	.1551-03	.1877-03	528.7	1.084	.1110
12	90.000	.00000	50.000	.1921	.2345	.2677-02	.3268-02	556.1	18.55	1.843
12	90.000	.39300	57.000	.1815	.2213	.2529-02	.3083-02	551.8	16.91	1.752
12	90.000	.78500	58.000	.1932	.2356	.2692-02	.3282-02	551.9	17.99	1.865
12	90.000	1.1780	59.000	.1284	.1562	.1789-02	.2177-02	545.2	13.93	1.252
12	90.000	1.6300	70.000	.6418-01	.7783-01	.8942-03	.1084-02	534.6	7.106	.6349
12	90.000	1.9960	71.000	.4580-01	.5551-01	.6381-03	.7734-03	533.2	5.137	.4540
12	90.000	2.5420	72.000	.4710-01	.5709-01	.6562-03	.7953-03	533.2	5.229	.4669
12	90.000	3.0900	73.000	.5201-01	.6304-01	.7246-03	.8782-03	533.1	5.022	.5156
12	90.000	3.6190	74.000	.3586-01	.4345-01	.4995-03	.6053-03	532.2	3.438	.3559
12	135.00	.00000	50.000	.1921	.2345	.2677-02	.3268-02	556.1	18.55	1.843
12	135.00	.39300	60.000	.3291	.4018	.4585-02	.5597-02	556.7	29.09	3.154
12	135.00	.78500	61.000	.3348	.4108	.4664-02	.5723-02	572.0	28.72	3.137
12	135.00	1.1780	62.000	.2493	.3043	.3474-02	.4239-02	555.5	22.09	2.394
12	135.00	2.2690	66.000	.1004	.1219	.1398-02	.1699-02	541.1	10.71	.9838
12	135.00	2.8900	67.000	.9897-01	.1204	.1379-02	.1677-02	544.6	11.44	.9653

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS21)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
12	135.00	3.5130	68.000	.9122-01	.1109	.1271-02	.1545-02	542.6	9.751	.8923
12	135.00	4.1140	69.000	.7101-01	.8629-01	.9893-03	.1202-02	541.8	6.988	.8953
12	180.00	.00000	50.000	.1921	.2345	.2677-02	.3268-02	556.1	18.55	1.843
12	180.00	.39300	49.000	.1743	.2142	.2429-02	.2985-02	576.7	32.32	1.632
12	180.00	.78500	48.000	.1913	.2359	.2666-02	.3287-02	586.2	23.93	1.755
12	180.00	1.1780	47.000	.1559	.1902	.2173-02	.2651-02	554.4	15.83	1.500
12	225.00	.00000	50.000	.1921	.2345	.2677-02	.3268-02	556.1	18.55	1.843
12	225.00	.39300	63.000	.2884	.3535	.4019-02	.4925-02	568.1	33.25	2.719
12	225.00	.78500	64.000	.3140	.3872	.4375-02	.5394-02	585.6	31.46	2.884
12	225.00	1.1780	65.000	.2367	.2899	.3297-02	.4025-02	556.3	22.85	2.270
12	270.00	.00000	50.000	.1921	.2345	.2677-02	.3268-02	556.1	18.55	1.843
12	270.00	.39300	56.000	.2143	.2625	.2994-02	.3657-02	553.0	20.68	2.056
12	270.00	.78500	55.000	.2034	.2479	.2833-02	.3454-02	551.8	18.94	1.963
12	270.00	1.1780	54.000	.1220	.1483	.1700-02	.2066-02	542.2	13.31	1.194

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS21)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.962 BETA = -.2395-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
9	2.021	30.09	-.2405-02	7.980	439.6	1303.	94.84	.4577-01	2.040	3810.	.1303-02	.7631-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
9	.2034-01	.1649-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
9	.00000	.00000	50.000	.3618	.4444	.7360-02	.9039-02	601.3	50.80	5.162
9	.00000	.39300	51.000	.1836	.2236	.3735-02	.4549-02	574.7	28.40	2.719
9	.00000	.78500	52.000	.6405-01	.7760-01	.1303-02	.1578-02	556.8	15.36	.9717
9	.00000	1.1780	53.000	.2700-01	.3262-01	.5492-03	.6635-03	546.6	7.391	.4152
9	.00000	1.5710	75.000	.1922-01	.2318-01	.3909-03	.4714-03	540.0	3.096	.2981
9	.00000	2.5420	76.000	.1064-01	.1284-01	.2164-03	.2611-03	540.7	1.673	.1649
9	.00000	3.6370	77.000	.8117-02	.9800-02	.1651-03	.1994-03	544.4	1.212	.1252
9	90.000	.00000	50.000	.3618	.4444	.7360-02	.9039-02	601.3	50.80	5.162
9	90.000	.39300	57.000	.2987	.3654	.6075-02	.7432-02	589.1	41.05	4.335
9	90.000	.78500	58.000	.2729	.3335	.5551-02	.6784-02	585.7	37.76	3.980
9	90.000	1.1780	59.000	.1558	.1895	.3170-02	.3855-02	569.7	25.55	2.323
9	90.000	1.6300	70.000	.6914-01	.8362-01	.1406-02	.1701-02	550.4	11.75	1.058
9	90.000	1.9960	71.000	.4857-01	.5870-01	.9879-03	.1194-02	547.9	8.372	.7456
9	90.000	2.5420	72.000	.4503-01	.5445-01	.9160-03	.1108-02	549.4	7.665	.6900
9	90.000	3.0900	73.000	.4853-01	.5869-01	.9871-03	.1194-02	550.4	7.170	.7426
9	90.000	3.6190	74.000	.3304-01	.3996-01	.6722-03	.8128-03	549.9	4.845	.5060
9	135.00	.00000	50.000	.3618	.4444	.7360-02	.9039-02	601.3	50.80	5.162
9	135.00	.39300	60.000	.5032	.6165	.1024-01	.1254-01	594.1	65.66	7.252
9	135.00	.78500	61.000	.4768	.5897	.9698-02	.1199-01	622.2	58.93	6.599
9	135.00	1.1780	62.000	.2877	.3516	.5852-02	.7153-02	586.5	38.08	4.191
9	135.00	2.2690	66.000	.8972-01	.1089	.1825-02	.2214-02	562.1	14.55	1.352
9	135.00	2.8900	67.000	.8520-01	.1035	.1733-02	.2106-02	567.1	14.93	1.275

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS21)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
9	135.00	3.5130	68.000	.7990-01	.9705-01	.1625-02	.1974-02	565.3	12.95	1.198
9	135.00	4.1140	69.000	.6508-01	.7902-01	.1324-02	.1607-02	564.3	9.710	.9775
9	180.00	.00000	50.000	.3618	.4444	.7360-02	.9039-02	601.3	50.80	5.162
9	180.00	.39300	49.000	.3046	.3779	.6196-02	.7686-02	630.9	80.74	4.162
9	180.00	.78500	48.000	.3841	.4792	.7812-02	.9748-02	646.7	67.84	5.125
9	180.00	1.1780	47.000	.2482	.3038	.5048-02	.6180-02	591.4	37.20	3.590
9	225.00	.00000	50.000	.3618	.4444	.7360-02	.9039-02	601.3	50.80	5.162
9	225.00	.39300	63.000	.4774	.5891	.9711-02	.1198-01	615.6	79.69	6.672
9	225.00	.78500	64.000	.4441	.5545	.9033-02	.1128-01	648.7	62.49	5.907
9	225.00	1.1780	65.000	.2519	.3079	.5123-02	.6264-02	587.4	36.31	3.665
9	270.00	.00000	50.000	.3618	.4444	.7360-02	.9039-02	601.3	50.80	5.162
9	270.00	.39300	56.000	.3686	.4532	.7498-02	.9219-02	605.0	51.39	5.231
9	270.00	.78500	55.000	.2934	.3587	.5969-02	.7296-02	586.7	40.52	4.274
9	270.00	1.1780	54.000	.1459	.1772	.2968-02	.3604-02	564.7	24.15	2.190

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS21)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.962 BETA = -.2395-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
6	3.017	30.14	-.7169-02	7.990	669.9	1318.	95.71	.6917-01	3.091	3832.	.1951-02	.7701-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
6	.2509-01	.1349-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
6	.00000	.00000	50.000	.3955	.4882	.9921-02	.1225-01	623.9	67.00	6.883
6	.00000	.39300	51.000	.1845	.2250	.4630-02	.5646-02	585.3	35.24	3.391
6	.00000	.78500	52.000	.6116-01	.7411-01	.1534-02	.1859-02	563.4	18.24	1.157
6	.00000	1.1780	53.000	.2539-01	.3066-01	.6370-03	.7691-03	550.6	8.679	.4886
6	.00000	1.5710	75.000	.1752-01	.2112-01	.4397-03	.5298-03	543.3	3.529	.3405
6	.00000	2.5420	76.000	.9224-02	.1111-01	.2314-03	.2788-03	542.2	1.819	.1795
6	.00000	3.6370	77.000	.8520-02	.1027-01	.2138-03	.2576-03	543.4	1.604	.1655
6	90.000	.00000	50.000	.3955	.4882	.9921-02	.1225-01	623.9	67.00	6.883
6	90.000	.39300	57.000	.2916	.3576	.7315-02	.8971-02	603.6	49.12	5.224
6	90.000	.78500	58.000	.2471	.3023	.6199-02	.7584-02	596.1	42.22	4.473
6	90.000	1.1780	59.000	.1327	.1614	.3330-02	.4049-02	576.0	27.07	2.469
6	90.000	1.6300	70.000	.5928-01	.7165-01	.1487-02	.1798-02	554.0	12.59	1.136
6	90.000	1.9960	71.000	.4194-01	.5052-01	.1050-02	.1268-02	551.3	9.019	.8045
6	90.000	2.5420	72.000	.4004-01	.4835-01	.1005-02	.1213-02	551.0	8.549	.7702
6	90.000	3.0900	73.000	.4614-01	.5571-01	.1157-02	.1398-02	551.2	8.563	.8872
6	90.000	3.6190	74.000	.3227-01	.3895-01	.8096-03	.9773-03	549.7	5.954	.6218
6	135.00	.00000	50.000	.3955	.4882	.9921-02	.1225-01	623.9	67.00	6.883
6	135.00	.39300	60.000	.5610	.6897	.1408-01	.1730-01	611.2	89.27	9.944
6	135.00	.78500	61.000	.5078	.6318	.1274-01	.1585-01	645.9	75.55	8.559
6	135.00	1.1780	62.000	.3105	.3804	.7790-02	.9544-02	600.9	50.39	5.584
6	135.00	2.2690	66.000	.9567-01	.1160	.2400-02	.2911-02	566.2	19.38	1.804
6	135.00	2.8900	67.000	.8947-01	.1086	.2245-02	.2726-02	571.1	19.59	1.676

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
6	135.00	3.5130	68.000	.8302-01	.1007	.2083-02	.2527-02	568.7	16.82	1.560
6	135.00	4.1140	69.000	.6680-01	.8100-01	.1676-02	.2032-02	566.1	12.50	1.260
6	180.00	.00000	50.000	.3955	.4882	.9921-02	.1225-01	623.9	67.00	6.883
6	180.00	.39300	49.000	.3877	.4850	.9727-02	.1217-01	660.5	122.3	6.392
6	180.00	.78500	48.000	.5935	.7495	.1489-01	.1880-01	684.7	122.5	9.424
6	180.00	1.1780	47.000	.3680	.4523	.9232-02	.1135-01	610.6	67.00	6.528
6	225.00	.00000	50.000	.3955	.4882	.9921-02	.1225-01	623.9	67.00	6.883
6	225.00	.39300	63.000	.5694	.7066	.1429-01	.1773-01	638.8	114.6	9.699
6	225.00	.78500	64.000	.5950	.7531	.1493-01	.1889-01	690.1	97.17	9.368
6	225.00	1.1780	65.000	.2827	.3462	.7092-02	.8686-02	600.0	50.12	5.089
6	270.00	.00000	50.000	.3955	.4882	.9921-02	.1225-01	623.9	67.00	6.883
6	270.00	.39300	56.000	.3833	.4732	.9615-02	.1187-01	624.6	64.85	6.664
6	270.00	.78500	55.000	.2774	.3396	.6960-02	.8521-02	598.3	47.20	5.007
6	270.00	1.1780	54.000	.1292	.1568	.3241-02	.3935-02	570.4	26.63	2.422

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS21)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.962 BETA = -.2395-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
2	3.681	30.05	.3246-06	8.000	854.9	1355.	98.16	.8757-01	3.923	3886.	.2408-02	.7899-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
2	.2840-01	.1217-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
2	.00000	.00000	50.000	.3971	.4845	.1128-01	.1376-01	603.7	83.26	8.470
2	.00000	.39300	51.000	.1806	.2186	.5130-02	.6207-02	573.9	41.86	4.005
2	.00000	.78500	52.000	.5960-01	.7177-01	.1693-02	.2038-02	556.0	21.38	1.352
2	.00000	1.1780	53.000	.2366-01	.2841-01	.6720-03	.8069-03	544.7	9.696	.5442
2	.00000	1.5710	75.000	.1612-01	.1932-01	.4577-03	.5487-03	537.7	3.887	.3739
2	.00000	2.5420	76.000	.8764-02	.1050-01	.2489-03	.2983-03	536.7	2.069	.2036
2	.00000	3.6370	77.000	.1052-01	.1262-01	.2988-03	.3584-03	540.0	2.362	.2434
2	90.000	.00000	50.000	.3971	.4845	.1128-01	.1376-01	603.7	83.26	8.470
2	90.000	.39300	57.000	.2974	.3611	.8445-02	.1026-01	587.3	61.43	6.481
2	90.000	.78500	58.000	.2389	.2895	.6784-02	.8222-02	580.1	49.98	5.254
2	90.000	1.1780	59.000	.1241	.1497	.3525-02	.4253-02	562.7	30.81	2.792
2	90.000	1.6300	70.000	.5286-01	.6347-01	.1501-02	.1802-02	544.5	13.54	1.216
2	90.000	1.9960	71.000	.3704-01	.4445-01	.1052-02	.1262-02	542.8	9.615	.8540
2	90.000	2.5420	72.000	.3554-01	.4265-01	.1009-02	.1211-02	542.8	9.132	.8193
2	90.000	3.0900	73.000	.4116-01	.4941-01	.1169-02	.1403-02	543.5	9.187	.9482
2	90.000	3.6190	74.000	.3306-01	.3969-01	.9383-03	.1127-02	544.1	7.307	.7610
2	135.00	.00000	50.000	.3971	.4845	.1128-01	.1376-01	603.7	83.26	8.470
2	135.00	.39300	60.000	.5037	.6091	.1431-01	.1730-01	571.9	102.5	11.20
2	135.00	.78500	61.000	.5249	.6446	.1491-01	.1831-01	624.8	97.04	10.88
2	135.00	1.1780	62.000	.3156	.3827	.8962-02	.1087-01	582.4	63.02	6.921
2	135.00	2.2690	66.000	.1013	.1219	.2878-02	.3463-02	553.0	24.96	2.307
2	135.00	2.8900	67.000	.1016	.1224	.2886-02	.3477-02	558.5	27.03	2.297

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS21)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
2	135.00	3.5130	68.000	.9883-01	.1191	.2807-02	.3381-02	557.3	24.28	2.238
2	135.00	4.1140	69.000	.9219-01	.1110	.2618-02	.3154-02	557.0	20.82	2.098
2	180.00	.00000	50.000	.3971	.4845	.1128-01	.1376-01	603.7	83.26	8.470
2	180.00	.39300	49.000	.4271	.5218	.1213-01	.1482-01	608.4	177.5	9.051
2	180.00	.78500	48.000	.8415	1.040	.2390-01	.2953-01	644.2	225.0	16.98
2	180.00	1.1780	47.000	.5034	.6110	.1430-01	.1735-01	585.5	114.3	11.00
2	225.00	.00000	50.000	.3971	.4845	.1128-01	.1376-01	603.7	83.26	8.470
2	225.00	.39300	63.000	.5502	.6688	.1563-01	.1899-01	590.6	144.4	11.94
2	225.00	.78500	64.000	.6692	.8368	.1901-01	.2376-01	678.1	134.2	12.86
2	225.00	1.1780	65.000	.3068	.3724	.8713-02	.1058-01	585.9	66.43	6.699
2	270.00	.00000	50.000	.3971	.4845	.1128-01	.1376-01	603.7	83.26	8.470
2	270.00	.39300	56.000	.3679	.4491	.1045-01	.1276-01	605.7	76.86	7.826
2	270.00	.78500	55.000	.2572	.3118	.7303-02	.8856-02	582.0	53.63	5.643
2	270.00	1.1780	54.000	.1173	.1414	.3332-02	.4015-02	558.0	29.37	2.655

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS22)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 8.000 BETA = .4761-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
3	3.654	30.16	.4761-02	8.000	850.5	1357.	98.31	.8712-01	3.903	3888.	.2392-02	.7911-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
3	.2833-01	.1222-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
3	.00000	.00000	50.000	.3956	.4864	.1121-01	.1378-01	630.5	78.96	8.138
3	.00000	.39300	51.000	.1859	.2256	.5268-02	.6392-02	585.3	42.22	4.063
3	.00000	.78500	52.000	.6190-01	.7460-01	.1754-02	.2114-02	559.8	22.06	1.398
3	.00000	1.1780	53.000	.2544-01	.3055-01	.7209-03	.8656-03	545.0	10.42	.5852
3	.00000	1.5710	75.000	.1692-01	.2027-01	.4794-03	.5744-03	536.3	4.091	.3933
3	.00000	2.5420	76.000	.8917-02	.1068-01	.2527-03	.3027-03	536.4	2.107	.2072
3	.00000	3.6370	77.000	.1041-01	.1249-01	.2949-03	.3538-03	541.4	2.332	.2404
3	90.000	.00000	50.000	.3956	.4864	.1121-01	.1378-01	630.5	78.96	8.138
3	90.000	.39300	57.000	.2961	.3616	.8391-02	.1025-01	607.1	59.04	6.289
3	90.000	.78500	58.000	.2447	.2979	.6932-02	.8441-02	597.9	49.60	5.260
3	90.000	1.1780	59.000	.1288	.1558	.3650-02	.4415-02	574.4	31.32	2.855
3	90.000	1.6300	70.000	.5751-01	.6914-01	.1630-02	.1959-02	549.6	14.61	1.315
3	90.000	1.9960	71.000	.3934-01	.4726-01	.1115-02	.1339-02	546.6	10.15	.9030
3	90.000	2.5420	72.000	.3835-01	.4608-01	.1087-02	.1306-02	547.3	9.780	.8795
3	90.000	3.0900	73.000	.4420-01	.5312-01	.1252-02	.1505-02	548.8	9.776	1.012
3	90.000	3.6190	74.000	.3280-01	.3942-01	.9294-03	.1117-02	548.9	7.191	.7507
3	135.00	.00000	50.000	.3956	.4864	.1121-01	.1378-01	630.5	78.96	8.138
3	135.00	.39300	60.000	.5750	.7041	.1629-01	.1995-01	616.4	108.0	12.06
3	135.00	.78500	61.000	.5081	.6306	.1440-01	.1787-01	657.9	88.31	10.06
3	135.00	1.1780	62.000	.3069	.3746	.8696-02	.1061-01	605.5	58.81	6.532
3	135.00	2.2690	66.000	.9279-01	.1120	.2629-02	.3174-02	565.8	22.35	2.079
3	135.00	2.8900	67.000	.9097-01	.1100	.2578-02	.3117-02	573.0	23.59	2.020

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS22)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
3	135.00	3.5130	68.000	.9055-01	.1095	.2566-02	.3101-02	570.9	21.72	2.016
3	135.00	4.1140	69.000	.7243-01	.8753-01	.2052-02	.2480-02	570.4	15.98	1.614
3	180.00	.00000	50.000	.3956	.4864	.1121-01	.1378-01	630.5	78.96	8.138
3	180.00	.39300	49.000	.4058	.5067	.1150-01	.1436-01	675.3	148.8	7.834
3	180.00	.78500	48.000	.6724	.8506	.1905-01	.2410-01	709.0	158.6	12.34
3	180.00	1.1780	47.000	.4108	.5034	.1164-01	.1426-01	618.7	87.81	8.590
3	225.00	.00000	50.000	.3956	.4864	.1121-01	.1378-01	630.5	78.96	8.138
3	225.00	.39300	63.000	.5780	.7149	.1638-01	.2025-01	648.2	136.4	11.60
3	225.00	.78500	64.000	.6169	.7817	.1748-01	.2215-01	713.2	115.4	11.25
3	225.00	1.1780	65.000	.2989	.3651	.8469-02	.1034-01	608.4	62.16	6.338
3	270.00	.00000	50.000	.3956	.4864	.1121-01	.1378-01	630.5	78.96	8.138
3	270.00	.39300	56.000	.3664	.4505	.1038-01	.1277-01	629.7	73.26	7.548
3	270.00	.78500	55.000	.2623	.3196	.7432-02	.9054-02	599.3	53.04	5.629
3	270.00	1.1780	54.000	.1231	.1487	.3488-02	.4214-02	568.9	30.23	2.748

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS23)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.962 BETA = -.6716-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
17	.5095	35.02	.0000	7.900	99.88	1238.	91.80	.1110-01	.4849	3711.	.3264-03	.7387-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
17	.9830-02	.3276-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
17	.00000	.00000	50.000	.2194	.2674	.2156-02	.2629-02	549.0	15.00	1.485
17	.00000	.39300	51.000	.1076	.1308	.1058-02	.1286-02	539.6	7.850	.7383
17	.00000	.78500	52.000	.3963-01	.4811-01	.3896-03	.4729-03	535.5	4.371	.2735
17	.00000	1.1780	53.000	.1863-01	.2260-01	.1831-03	.2221-03	532.9	2.313	.1291
17	.00000	1.5710	75.000	.1573-01	.1907-01	.1546-03	.1875-03	531.3	1.139	.1092
17	.00000	2.5420	76.000	.9600-02	.1164-01	.9437-04	.1144-03	532.1	.6783	.6658-01
17	.00000	3.6370	77.000	.6675-02	.8099-02	.6561-04	.7961-04	533.6	.4498	.4619-01
17	90.000	.00000	50.000	.2194	.2674	.2156-02	.2629-02	549.0	15.00	1.485
17	90.000	.39300	57.000	.2915	.3553	.2865-02	.3492-02	548.8	19.07	1.973
17	90.000	.78500	58.000	.3120	.3804	.3066-02	.3739-02	549.9	20.37	2.109
17	90.000	1.1780	59.000	.1815	.2210	.1785-02	.2172-02	544.4	13.78	1.237
17	90.000	1.6300	70.000	.8505-01	.1033	.8360-03	.1015-02	536.7	6.552	.5860
17	90.000	1.9960	71.000	.6915-01	.8397-01	.6798-03	.8254-03	536.3	5.385	.4767
17	90.000	2.5420	72.000	.6965-01	.8460-01	.6847-03	.8316-03	537.1	5.361	.4796
17	90.000	3.0900	73.000	.7358-01	.8938-01	.7232-03	.8785-03	537.6	4.920	.5063
17	90.000	3.6190	74.000	.5131-01	.6233-01	.5044-03	.6127-03	537.8	3.401	.3530
17	135.00	.00000	50.000	.2194	.2674	.2156-02	.2629-02	549.0	15.00	1.485
17	135.00	.39300	60.000	.3388	.4132	.3331-02	.4062-02	549.9	21.20	2.291
17	135.00	.78500	61.000	.3549	.4343	.3489-02	.4269-02	560.6	21.75	2.362
17	135.00	1.1780	62.000	.1775	.2164	.1745-02	.2127-02	548.1	11.15	1.203
17	135.00	2.2690	66.000	.4603-01	.5594-01	.4525-03	.5499-03	539.1	3.443	.3161
17	135.00	2.8900	67.000	.4991-01	.6069-01	.4906-03	.5966-03	541.2	4.054	.3416

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
17	135.00	3.5130	68.000	.4454-01	.5415-01	.4378-03	.5323-03	540.7	3.338	.3051
17	135.00	4.1140	69.000	.2734-01	.3323-01	.2687-03	.3267-03	540.0	1.885	.1875
17	180.00	.00000	50.000	.2194	.2674	.2156-02	.2629-02	549.0	15.00	1.485
17	180.00	.39300	49.000	.1452	.1778	.1428-02	.1748-02	562.5	19.34	.9639
17	180.00	.78500	48.000	.4083-01	.5007-01	.4014-03	.4922-03	567.0	3.705	.2692
17	180.00	1.1780	47.000	.7272-01	.8660-01	.7148-03	.8709-03	547.1	5.229	.4937
17	225.00	.00000	50.000	.2194	.2674	.2156-02	.2629-02	549.0	15.00	1.485
17	225.00	.39300	63.000	.2305	.2817	.2266-02	.2769-02	556.2	19.00	1.544
17	225.00	.78500	64.000	.1841	.2256	.1810-02	.2218-02	564.7	13.43	1.218
17	225.00	1.1780	65.000	.1667	.2033	.1639-02	.1998-02	550.1	11.38	1.127
17	270.00	.00000	50.000	.2194	.2674	.2156-02	.2629-02	549.0	15.00	1.485
17	270.00	.39300	56.000	.1752	.2136	.1723-02	.2100-02	548.3	12.00	1.188
17	270.00	.78500	55.000	.1715	.2088	.1686-02	.2052-02	545.0	11.30	1.168
17	270.00	1.1780	54.000	.1211	.1472	.1190-02	.1447-02	540.1	9.266	.8302

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS23)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.962 BETA = -.6716-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
13	1.030	35.05	-.1364-02	7.940	205.9	1243.	91.31	.2215-01	.9775	3719.	.6547-03	.7348-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
13	.1397-01	.2314-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
13	.00000	.00000	50.000	.2644	.3235	.3693-02	.4518-02	562.7	25.19	2.511
13	.00000	.39300	51.000	.1143	.1391	.1596-02	.1943-02	547.5	11.75	1.109
13	.00000	.78500	52.000	.3873-01	.4705-01	.5409-03	.6571-03	540.2	6.058	.3800
13	.00000	1.1780	53.000	.1716-01	.2082-01	.2396-03	.2907-03	535.8	3.031	.1694
13	.00000	1.5710	75.000	.1423-01	.1725-01	.1988-03	.2409-03	532.7	1.471	.1411
13	.00000	2.5420	76.000	.8039-02	.9742-02	.1123-03	.1361-03	532.1	.8128	.7978-01
13	.00000	3.6370	77.000	.5728-02	.6940-02	.7999-04	.9692-04	531.2	.5548	.5691-01
13	90.000	.00000	50.000	.2644	.3235	.3693-02	.4518-02	562.7	25.19	2.511
13	90.000	.39300	57.000	.2989	.3657	.4175-02	.5107-02	562.2	27.26	2.841
13	90.000	.78500	58.000	.2796	.3420	.3904-02	.4776-02	561.6	25.53	2.659
13	90.000	1.1780	59.000	.1397	.1703	.1951-02	.2379-02	551.3	14.97	1.349
13	90.000	1.6300	70.000	.6072-01	.7376-01	.8480-03	.1030-02	539.9	6.652	.5959
13	90.000	1.9960	71.000	.4394-01	.5335-01	.6137-03	.7451-03	538.2	4.879	.4323
13	90.000	2.5420	72.000	.4723-01	.5734-01	.6595-03	.8008-03	538.3	5.190	.4646
13	90.000	3.0900	73.000	.5837-01	.7088-01	.8152-03	.9899-03	538.2	5.579	.5743
13	90.000	3.6190	74.000	.4105-01	.4981-01	.5732-03	.6957-03	536.6	3.902	.4048
13	135.00	.00000	50.000	.2644	.3235	.3693-02	.4518-02	562.7	25.19	2.511
13	135.00	.39300	60.000	.4708	.5761	.6576-02	.8045-02	562.4	41.14	4.473
13	135.00	.78500	61.000	.6428	.7940	.8977-02	.1109-01	589.9	53.17	5.860
13	135.00	1.1780	62.000	.4086	.5006	.5706-02	.6991-02	566.4	35.42	3.859
13	135.00	2.2690	66.000	.1639	.1997	.2290-02	.2789-02	548.8	17.22	1.589
13	135.00	2.8900	67.000	.1710	.2086	.2388-02	.2913-02	552.7	19.44	1.648

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
13	135.00	3.5130	68.000	.1696	.2067	.2369-02	.2887-02	550.1	17.86	1.641
13	135.00	4.1140	69.000	.1627	.1982	.2272-02	.2768-02	549.2	15.77	1.575
13	180.00	.00000	50.000	.2644	.3235	.3693-02	.4518-02	562.7	25.19	2.511
13	180.00	.39300	49.000	.2965	.3654	.4141-02	.5103-02	583.3	54.23	2.731
13	180.00	.78500	48.000	.4911	.6086	.6858-02	.8500-02	599.2	59.78	4.413
13	180.00	1.1780	47.000	.2855	.3491	.3988-02	.4875-02	559.8	28.66	2.723
13	225.00	.00000	50.000	.2644	.3235	.3693-02	.4518-02	562.7	25.19	2.511
13	225.00	.39300	63.000	.3917	.4807	.5470-02	.6713-02	571.6	44.81	3.671
13	225.00	.78500	64.000	.5058	.6269	.7064-02	.8755-02	599.4	49.23	4.544
13	225.00	1.1780	65.000	.3081	.3775	.4303-02	.5272-02	566.2	29.16	2.911
13	270.00	.00000	50.000	.2644	.3235	.3693-02	.4518-02	562.7	25.19	2.511
13	270.00	.39300	56.000	.2639	.3230	.3686-02	.4512-02	563.8	25.09	2.502
13	270.00	.78500	55.000	.2291	.2797	.3199-02	.3906-02	556.2	21.14	2.196
13	270.00	1.1780	54.000	.1190	.1448	.1662-02	.2022-02	545.5	12.89	1.158

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.962 BETA = -.6716-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
10	1.988	35.08	-.1340-02	7.980	436.0	1310.	95.35	.4539-01	2.023	3820.	.1285-02	.7672-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
10	.2028-01	.1661-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
10	.00000	.00000	50.000	.3175	.3884	.6437-02	.7875-02	592.4	45.64	4.617
10	.00000	.39300	51.000	.1372	.1665	.2783-02	.3377-02	565.3	21.74	2.072
10	.00000	.78500	52.000	.4493-01	.5430-01	.9110-03	.1101-02	550.7	10.97	.6914
10	.00000	1.1780	53.000	.1890-01	.2279-01	.3832-03	.4622-03	543.6	5.233	.2935
10	.00000	1.5710	75.000	.1450-01	.1747-01	.2941-03	.3543-03	539.5	2.352	.2265
10	.00000	2.5420	76.000	.8723-02	.1052-01	.1769-03	.2132-03	541.3	1.378	.1359
10	.00000	3.6370	77.000	.8108-02	.9787-02	.1644-03	.1984-03	546.0	1.215	.1255
10	90.000	.00000	50.000	.3175	.3884	.6437-02	.7875-02	592.4	45.64	4.617
10	90.000	.39300	57.000	.2682	.3272	.5438-02	.6634-02	583.1	37.53	3.951
10	90.000	.78500	58.000	.2392	.2916	.4850-02	.5912-02	580.9	33.61	3.534
10	90.000	1.1780	59.000	.1299	.1577	.2633-02	.3197-02	566.8	21.54	1.956
10	90.000	1.6300	70.000	.5985-01	.7233-01	.1214-02	.1467-02	550.1	10.24	.9218
10	90.000	1.9960	71.000	.4370-01	.5279-01	.8861-03	.1070-02	549.4	7.559	.6736
10	90.000	2.5420	72.000	.4474-01	.5408-01	.9072-03	.1097-02	551.3	7.636	.6880
10	90.000	3.0900	73.000	.5218-01	.6311-01	.1058-02	.1280-02	553.4	7.713	.8001
10	90.000	3.6190	74.000	.3448-01	.4170-01	.6992-03	.8455-03	552.8	5.059	.5292
10	135.00	.00000	50.000	.3175	.3884	.6437-02	.7875-02	592.4	45.64	4.617
10	135.00	.39300	60.000	.4933	.6034	.1000-01	.1224-01	592.3	65.01	7.174
10	135.00	.78500	61.000	.5350	.6619	.1085-01	.1342-01	626.6	66.02	7.409
10	135.00	1.1780	62.000	.3458	.4231	.7012-02	.8579-02	592.8	45.54	5.027
10	135.00	2.2690	66.000	.1419	.1723	.2877-02	.3494-02	568.6	22.89	2.132
10	135.00	2.8900	67.000	.1347	.1640	.2732-02	.3325-02	575.2	23.41	2.006

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
10	135.00	3.5130	68.000	.1275	.1550	.2584-02	.3143-02	572.4	20.51	1.905
10	135.00	4.1140	69.000	.1077	.1310	.2185-02	.2656-02	572.1	15.94	1.611
10	180.00	.00000	50.000	.3175	.3884	.6437-02	.7875-02	592.4	45.64	4.617
10	180.00	.39300	49.000	.3345	.4145	.6782-02	.8405-02	631.3	89.24	4.601
10	180.00	.78500	48.000	.5888	.7378	.1194-01	.1496-01	661.1	101.8	7.744
10	180.00	1.1780	47.000	.3429	.4195	.6952-02	.8505-02	592.5	51.63	4.986
10	225.00	.00000	50.000	.3175	.3884	.6437-02	.7875-02	592.4	45.64	4.617
10	225.00	.39300	63.000	.4736	.5831	.9603-02	.1182-01	612.4	80.10	6.695
10	225.00	.78500	64.000	.6014	.7539	.1219-01	.1529-01	662.3	82.96	7.893
10	225.00	1.1780	65.000	.3121	.3821	.6328-02	.7747-02	594.4	44.70	4.527
10	270.00	.00000	50.000	.3175	.3884	.6437-02	.7875-02	592.4	45.64	4.617
10	270.00	.39300	56.000	.2925	.3578	.5930-02	.7255-02	592.6	42.03	4.252
10	270.00	.78500	55.000	.2162	.2634	.4385-02	.5341-02	578.3	30.53	3.207
10	270.00	1.1780	54.000	.1113	.1349	.2256-02	.2734-02	561.0	18.65	1.689

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.962 BETA = -.6716-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
7	3.008	35.14	-.1301-02	7.990	673.3	1325.	96.21	.6952-01	3.107	3842.	.1950-02	.7742-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
7	.2518-01	.1350-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
7	.00000	.00000	50.000	.3470	.4260	.8737-02	.1072-01	610.1	61.17	6.243
7	.00000	.39300	51.000	.1575	.1913	.3965-02	.4817-02	575.8	31.00	2.969
7	.00000	.78500	52.000	.5342-01	.6454-01	.1345-02	.1625-02	555.9	16.35	1.034
7	.00000	1.1780	53.000	.2245-01	.2705-01	.5651-03	.6809-03	546.2	7.832	.4399
7	.00000	1.5710	75.000	.1576-01	.1896-01	.3967-03	.4774-03	541.0	3.227	.3109
7	.00000	2.5420	76.000	.8918-02	.1073-01	.2245-03	.2702-03	542.0	1.781	.1757
7	.00000	3.6370	77.000	.9920-02	.1196-01	.2498-03	.3011-03	547.0	1.879	.1942
7	90.000	.00000	50.000	.3470	.4260	.8737-02	.1072-01	610.1	61.17	6.243
7	90.000	.39300	57.000	.2827	.3455	.7116-02	.8698-02	596.2	48.92	5.184
7	90.000	.78500	58.000	.2449	.2989	.6164-02	.7526-02	592.4	42.68	4.514
7	90.000	1.1780	59.000	.1277	.1551	.3216-02	.3905-02	574.7	26.45	2.412
7	90.000	1.6300	70.000	.5864-01	.7081-01	.1476-02	.1783-02	554.0	12.61	1.138
7	90.000	1.9960	71.000	.4258-01	.5138-01	.1072-02	.1294-02	552.0	9.282	.8282
7	90.000	2.5420	72.000	.4416-01	.5332-01	.1112-02	.1342-02	553.8	9.499	.8570
7	90.000	3.0900	73.000	.5232-01	.6321-01	.1317-02	.1591-02	555.8	9.752	1.013
7	90.000	3.6190	74.000	.3577-01	.4321-01	.9006-03	.1088-02	555.3	6.616	.6929
7	135.00	.00000	50.000	.3470	.4260	.8737-02	.1072-01	610.1	61.17	6.243
7	135.00	.39300	60.000	.5295	.6493	.1333-01	.1635-01	606.9	86.07	9.567
7	135.00	.78500	61.000	.5338	.6637	.1344-01	.1671-01	648.0	80.20	9.093
7	135.00	1.1780	62.000	.2989	.3661	.7526-02	.9217-02	602.8	48.98	5.433
7	135.00	2.2690	66.000	.1017	.1234	.2560-02	.3107-02	572.2	20.64	1.927
7	135.00	2.8900	67.000	.1014	.1233	.2553-02	.3105-02	579.8	22.13	1.901

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
7	135.00	3.5130	68.000	.9559-01	.1161	.2406-02	.2923-02	575.6	19.38	1.803
7	135.00	4.1140	69.000	.7296-01	.8859-01	.1837-02	.2230-02	574.0	13.63	1.379
7	180.00	.00000	50.000	.3470	.4260	.8737-02	.1072-01	610.1	61.17	6.243
7	180.00	.39300	49.000	.3663	.4569	.9223-02	.1150-01	656.4	118.1	6.163
7	180.00	.78500	48.000	.5828	.7361	.1467-01	.1853-01	688.4	121.2	9.336
7	180.00	1.1780	47.000	.3197	.3917	.8047-02	.9862-02	604.8	59.62	5.793
7	225.00	.00000	50.000	.3470	.4260	.8737-02	.1072-01	610.1	61.17	6.243
7	225.00	.39300	63.000	.5048	.6241	.1271-01	.1571-01	631.7	104.4	8.806
7	225.00	.78500	64.000	.5794	.7318	.1459-01	.1842-01	688.8	96.28	9.275
7	225.00	1.1780	65.000	.3003	.3682	.7561-02	.9269-02	605.8	53.38	5.436
7	270.00	.00000	50.000	.3470	.4260	.8737-02	.1072-01	610.1	61.17	6.243
7	270.00	.39300	56.000	.3052	.3744	.7683-02	.9426-02	608.0	54.02	5.507
7	270.00	.78500	55.000	.2155	.2626	.5426-02	.6612-02	586.2	38.00	4.007
7	270.00	1.1780	54.000	.1081	.1309	.2720-02	.3296-02	566.5	22.72	2.063

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.962 BETA = -.6716-03

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
4	3.692	35.15	.6471-03	8.000	855.6	1353.	98.02	.8764-01	3.926	3883.	.2413-02	.7888-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
4	.2840-01	.1216-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
4	.00000	.00000	50.000	.3578	.4386	.1016-01	.1246-01	618.2	72.86	7.465
4	.00000	.39300	51.000	.1656	.2005	.4703-02	.5695-02	575.9	38.14	3.653
4	.00000	.78500	52.000	.5661-01	.6815-01	.1608-02	.1936-02	554.2	20.33	1.284
4	.00000	1.1780	53.000	.2297-01	.2757-01	.6524-03	.7831-03	542.3	9.430	.5286
4	.00000	1.5710	75.000	.1600-01	.1918-01	.4545-03	.5448-03	536.1	3.861	.3712
4	.00000	2.5420	76.000	.8612-02	.1032-01	.2446-03	.2933-03	537.4	2.026	.1994
4	.00000	3.6370	77.000	.1173-01	.1408-01	.3332-03	.4000-03	543.4	2.613	.2696
4	90.000	.00000	50.000	.3578	.4386	.1016-01	.1246-01	618.2	72.86	7.465
4	90.000	.39300	57.000	.2897	.3534	.8229-02	.1004-01	601.7	58.16	6.180
4	90.000	.78500	58.000	.2492	.3036	.7078-02	.8624-02	598.0	50.37	5.342
4	90.000	1.1780	59.000	.1318	.1596	.3744-02	.4533-02	575.6	31.90	2.910
4	90.000	1.6300	70.000	.6086-01	.7324-01	.1729-02	.2080-02	552.4	15.34	1.383
4	90.000	1.9960	71.000	.4338-01	.5217-01	.1232-02	.1482-02	549.7	11.10	.9895
4	90.000	2.5420	72.000	.4584-01	.5516-01	.1302-02	.1567-02	552.0	11.57	1.043
4	90.000	3.0900	73.000	.5263-01	.6337-01	.1495-02	.1800-02	554.5	11.50	1.193
4	90.000	3.6190	74.000	.3551-01	.4275-01	.1009-02	.1214-02	553.7	7.701	.8059
4	135.00	.00000	50.000	.3578	.4386	.1016-01	.1246-01	618.2	72.86	7.465
4	135.00	.39300	60.000	.5316	.6507	.1510-01	.1848-01	613.6	100.1	11.16
4	135.00	.78500	61.000	.5344	.6647	.1518-01	.1888-01	662.6	91.75	10.48
4	135.00	1.1780	62.000	.2953	.3611	.8388-02	.1026-01	610.1	55.95	6.229
4	135.00	2.2690	66.000	.8563-01	.1036	.2432-02	.2943-02	572.8	20.32	1.897
4	135.00	2.8900	67.000	.8374-01	.1016	.2379-02	.2885-02	581.4	21.34	1.835

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
4	135.00	3.5130	68.000	.7871-01	.9533-01	.2236-02	.2708-02	576.7	18.64	1.735
4	135.00	4.1140	69.000	.5370-01	.6499-01	.1525-02	.1846-02	573.9	11.74	1.188
4	180.00	.00000	50.000	.3578	.4386	.1016-01	.1246-01	618.2	72.86	7.465
4	180.00	.39300	49.000	.3650	.4554	.1037-01	.1293-01	670.9	134.5	7.069
4	180.00	.78500	48.000	.5806	.7343	.1649-01	.2086-01	706.3	137.2	10.66
4	180.00	1.1780	47.000	.3247	.3972	.9223-02	.1128-01	611.3	70.15	6.838
4	225.00	.00000	50.000	.3578	.4386	.1016-01	.1246-01	618.2	72.86	7.465
4	225.00	.39300	63.000	.5049	.6240	.1434-01	.1772-01	643.6	119.8	10.17
4	225.00	.78500	64.000	.5590	.7079	.1588-01	.2011-01	709.6	105.0	10.21
4	225.00	1.1780	65.000	.2801	.3431	.7957-02	.9744-02	615.2	57.36	5.868
4	270.00	.00000	50.000	.3578	.4386	.1016-01	.1246-01	618.2	72.86	7.465
4	270.00	.39300	56.000	.3099	.3797	.8802-02	.1079-01	617.5	63.18	6.471
4	270.00	.78500	55.000	.2198	.2674	.6243-02	.7595-02	592.8	44.84	4.744
4	270.00	1.1780	54.000	.1106	.1337	.3142-02	.3798-02	569.8	27.05	2.460

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS24)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.962 BETA = .1509-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
18	.5099	40.01	-.2099-02	7.900	99.96	1238.	91.80	.1111-01	.4853	3711.	.3266-03	.7387-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
18	.9834-02	.3275-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
18	.00000	.00000	50.000	.2379	.2903	.2339-02	.2854-02	551.7	16.19	1.605
18	.00000	.39300	51.000	.1482	.1803	.1457-02	.1773-02	543.4	10.74	1.012
18	.00000	.78500	52.000	.5279-01	.6414-01	.5191-03	.6307-03	538.2	5.795	.3631
18	.00000	1.1780	53.000	.2322-01	.2818-01	.2283-03	.2771-03	535.0	2.872	.1604
18	.00000	1.5710	75.000	.1887-01	.2289-01	.1856-03	.2251-03	532.8	1.363	.1308
18	.00000	2.5420	76.000	.1082-01	.1313-01	.1064-03	.1291-03	533.3	.7633	.7497-01
18	.00000	3.6370	77.000	.5930-02	.7197-02	.5832-04	.7077-04	534.3	.3993	.4102-01
18	90.000	.00000	50.000	.2379	.2903	.2339-02	.2854-02	551.7	16.19	1.605
18	90.000	.39300	57.000	.1170	.1425	.1151-02	.1402-02	545.6	7.709	.7965
18	90.000	.78500	58.000	.1073	.1307	.1055-02	.1285-02	544.9	7.079	.7311
18	90.000	1.1780	59.000	.9039-01	.1099	.8889-03	.1081-02	541.7	6.899	.6186
18	90.000	1.6300	70.000	.5632-01	.6838-01	.5538-03	.6724-03	536.0	4.347	.3886
18	90.000	1.9960	71.000	.4885-01	.5932-01	.4804-03	.5833-03	536.2	3.806	.3370
18	90.000	2.5420	72.000	.4517-01	.5485-01	.4442-03	.5394-03	536.8	3.480	.3113
18	90.000	3.0900	73.000	.4501-01	.5466-01	.4426-03	.5375-03	537.0	3.014	.3101
18	90.000	3.6190	74.000	.3231-01	.3924-01	.3177-03	.3859-03	536.9	2.146	.2227
18	135.00	.00000	50.000	.2379	.2903	.2339-02	.2854-02	551.7	16.19	1.605
18	135.00	.39300	60.000	.2180	.2660	.2143-02	.2616-02	552.3	13.58	1.469
18	135.00	.78500	61.000	.7573-01	.9243-01	.7447-03	.9089-03	552.7	4.714	.5101
18	135.00	1.1780	62.000	.4057-01	.4939-01	.3990-03	.4857-03	544.4	2.567	.2766
18	135.00	2.2690	66.000	.1363-01	.1656-01	.1340-03	.1629-03	538.5	1.021	.9372-01
18	135.00	2.8900	67.000	.1099-01	.1336-01	.1080-03	.1314-03	540.3	.8946	.7535-01

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
18	135.00	3.5130	68.000	.1036-01	.1259-01	.1018-03	.1238-03	539.7	.7779	.7108-01
18	135.00	4.1140	69.000	.3093-02	.3759-02	.3042-04	.3696-04	538.5	.2140	.2127-01
18	180.00	.00000	50.000	.2379	.2903	.2339-02	.2854-02	551.7	16.19	1.605
18	180.00	.39300	49.000	.9089-01	.1114	.8937-03	.1096-02	566.3	12.02	.6000
18	180.00	.78500	48.000	.2895-01	.3552-01	.2847-03	.3493-03	568.8	2.618	.1904
18	180.00	1.1780	47.000	.5614-01	.6841-01	.5520-03	.6727-03	547.8	4.032	.3808
18	225.00	.00000	50.000	.2379	.2903	.2339-02	.2854-02	551.7	16.19	1.605
18	225.00	.39300	63.000	.2380	.2913	.2341-02	.2864-02	560.6	19.45	1.585
18	225.00	.78500	64.000	.1068	.1308	.1050-02	.1286-02	562.0	7.835	.7098
18	225.00	1.1780	65.000	.7070-01	.8615-01	.6952-03	.8472-03	547.8	4.848	.4796
18	270.00	.00000	50.000	.2379	.2903	.2339-02	.2854-02	551.7	16.19	1.605
18	270.00	.39300	56.000	.3121	.3812	.3069-02	[illegible]	554.5	21.12	2.097
18	270.00	.78500	55.000	.2735	.3335	.2690-02	[illegible]	549.2	17.89	1.852
18	270.00	1.1780	54.000	.1465	.1782	.1440-02	[illegible]	542.2	11.17	1.002

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.962 BETA = .1509-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
14	1.027	40.03	.3172-02	7.940	205.2	1243.	91.31	.2208-01	.9742	3719.	.6525-03	.7348-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
14	.1394-01	.2318-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
14	.00000	.00000	50.000	.4279	.5247	.5965-02	.7315-02	569.3	40.16	4.017
14	.00000	.39300	51.000	.1926	.2350	.2685-02	.3276-02	553.6	19.54	1.851
14	.00000	.78500	52.000	.5976-01	.7268-01	.8331-03	.1013-02	543.7	9.268	.5823
14	.00000	1.1780	53.000	.2343-01	.2845-01	.3267-03	.3967-03	538.6	4.111	.2300
14	.00000	1.5710	75.000	.1717-01	.2083-01	.2394-03	.2904-03	535.3	1.763	.1693
14	.00000	2.5420	76.000	.9446-02	.1146-01	.1317-03	.1597-03	534.8	.9484	.9322-01
14	.00000	3.6370	77.000	.6233-02	.7560-02	.8691-04	.1054-03	534.5	.5990	.6154-01
14	90.000	.00000	50.000	.4279	.5247	.5965-02	.7315-02	569.3	40.16	4.017
14	90.000	.39300	57.000	.2976	.3641	.4149-02	.5076-02	562.4	27.09	2.822
14	90.000	.78500	58.000	.2509	.3067	.3498-02	.4276-02	559.7	22.96	2.389
14	90.000	1.1780	59.000	.1458	.1778	.2032-02	.2479-02	552.4	15.56	1.403
14	90.000	1.6300	70.000	.7215-01	.8769-01	.1006-02	.1223-02	541.4	7.868	.7054
14	90.000	1.9960	71.000	.5741-01	.6977-01	.8004-03	.9728-03	541.4	6.325	.5613
14	90.000	2.5420	72.000	.5761-01	.7002-01	.8033-03	.9762-03	541.2	6.286	.5635
14	90.000	3.0900	73.000	.5858-01	.7118-01	.8168-03	.9924-03	540.5	5.565	.5735
14	90.000	3.6190	74.000	.4078-01	.4953-01	.5685-03	.6905-03	539.4	3.848	.3998
14	135.00	.00000	50.000	.4279	.5247	.5965-02	.7315-02	569.3	40.16	4.017
14	135.00	.39300	60.000	.4065	.4972	.5667-02	.6931-02	561.5	35.52	3.860
14	135.00	.78500	61.000	.2805	.3442	.3910-02	.4799-02	571.4	24.03	2.625
14	135.00	1.1780	62.000	.1035	.1263	.1444-02	.1761-02	554.0	9.181	.9941
14	135.00	2.2690	66.000	.2390-01	.2906-01	.3332-03	.4052-03	543.3	2.533	.2330
14	135.00	2.8900	67.000	.2429-01	.2956-01	.3387-03	.4121-03	545.2	2.798	.2362

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS24)

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(STO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
14	135.00	3.5130	68.000	.2253-01	.2739-01	.3141-03	.3819-03	543.5	2.399	.2196
14	135.00	4.1140	69.000	.1155-01	.1405-01	.1611-03	.1958-03	542.4	1.133	.1128
14	180.00	.00000	50.000	.4279	.5247	.5965-02	.7315-02	569.3	40.16	4.017
14	180.00	.39300	49.000	.2683	.3303	.3740-02	.4605-02	581.0	49.20	2.475
14	180.00	.78500	48.000	.1959	.2416	.2731-02	.3368-02	586.1	24.45	1.793
14	180.00	1.1780	47.000	.1394	.1703	.1943-02	.2374-02	558.1	14.01	1.330
14	225.00	.00000	50.000	.4279	.5247	.5965-02	.7315-02	569.3	40.16	4.017
14	225.00	.39300	63.000	.4325	.5312	.6030-02	.7405-02	573.8	49.18	4.033
14	225.00	.78500	64.000	.3827	.4725	.5336-02	.6587-02	588.5	38.03	3.491
14	225.00	1.1780	65.000	.1827	.2233	.2547-02	.3113-02	559.4	17.48	1.740
14	270.00	.00000	50.000	.4279	.5247	.5965-02	.7315-02	569.3	40.16	4.017
14	270.00	.39300	56.000	.4774	.5864	.6656-02	.8175-02	573.7	44.43	4.453
14	270.00	.78500	55.000	.3488	.4268	.4863-02	.5950-02	562.2	31.76	3.309
14	270.00	1.1780	54.000	.1642	.2000	.2289-02	.2789-02	549.3	17.63	1.587

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.962 BETA = .1509-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
11	1.998	40.07	.3218-02	7.980	437.6	1309.	95.27	.4556-01	2.031	3818.	.1291-02	.7667-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
11	.2031-01	.1657-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
11	.00000	.00000	50.000	.4095	.5036	.8317-02	.1023-01	608.1	57.15	5.826
11	.00000	.39300	51.000	.1760	.2143	.3575-02	.4352-02	576.3	27.33	2.618
11	.00000	.78500	52.000	.5411-01	.6554-01	.1099-02	.1331-02	558.2	13.03	.8248
11	.00000	1.1780	53.000	.2089-01	.2524-01	.4242-03	.5126-03	549.7	5.722	.3220
11	.00000	1.5710	75.000	.1469-01	.1772-01	.2983-03	.3600-03	544.7	2.361	.2279
11	.00000	2.5420	76.000	.8534-02	.1030-01	.1733-03	.2092-03	545.7	1.338	.1322
11	.00000	3.6370	77.000	.8364-02	.1011-01	.1699-03	.2053-03	549.4	1.246	.1290
11	90.000	.00000	50.000	.4095	.5036	.8317-02	.1023-01	608.1	57.15	5.826
11	90.000	.39300	57.000	.3356	.4110	.6816-02	.8348-02	595.7	45.87	4.859
11	90.000	.78500	58.000	.3040	.3720	.6175-02	.7556-02	592.5	41.81	4.423
11	90.000	1.1780	59.000	.1654	.2013	.3359-02	.4089-02	576.1	26.97	2.461
11	90.000	1.6300	70.000	.7530-01	.9117-01	.1529-02	.1852-02	556.8	12.73	1.150
11	90.000	1.9960	71.000	.5499-01	.6655-01	.1117-02	.1352-02	555.0	9.420	.8418
11	90.000	2.5420	72.000	.5775-01	.6992-01	.1173-02	.1420-02	556.6	9.764	.8822
11	90.000	3.0900	73.000	.6590-01	.7981-01	.1338-02	.1621-02	558.0	9.664	1.005
11	90.000	3.6190	74.000	.4629-01	.5606-01	.9402-03	.1139-02	558.0	6.730	.7058
11	135.00	.00000	50.000	.4095	.5036	.8317-02	.1023-01	608.1	57.15	5.826
11	135.00	.39300	60.000	.5847	.7177	.1188-01	.1458-01	602.4	75.62	8.387
11	135.00	.78500	61.000	.5998	.7441	.1218-01	.1511-01	633.8	73.01	8.222
11	135.00	1.1780	62.000	.3088	.3777	.6271-02	.7672-02	591.7	40.75	4.496
11	135.00	2.2690	66.000	.8900-01	.1080	.1808-02	.2194-02	566.1	14.43	1.342
11	135.00	2.8900	67.000	.8477-01	.1031	.1722-02	.2093-02	571.1	14.85	1.270

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
11	135.00	3.5130	68.000	.7203-01	.8748-01	.1463-02	.1777-02	567.7	11.70	1.084
11	135.00	4.1140	69.000	.4485-01	.5444-01	.9109-03	.1106-02	565.8	6.716	.6766
11	180.00	.00000	50.000	.4095	.5036	.8317-02	.1023-01	608.1	57.15	5.826
11	180.00	.39300	49.000	.3923	.4882	.7968-02	.9915-02	642.1	102.5	5.312
11	180.00	.78500	48.000	.5645	.7067	.1147-01	.1435-01	658.1	98.19	7.459
11	180.00	1.1780	47.000	.3600	.4410	.7311-02	.8958-02	596.6	53.80	5.206
11	225.00	.00000	50.000	.4095	.5036	.8317-02	.1023-01	608.1	57.15	5.826
11	225.00	.39300	63.000	.5688	.7033	.1155-01	.1429-01	624.7	93.96	7.901
11	225.00	.78500	64.000	.7117	.8960	.1446-01	.1820-01	672.5	96.19	9.196
11	225.00	1.1780	65.000	.3637	.4464	.7387-02	.9067-02	602.3	51.33	5.218
11	270.00	.00000	50.000	.4095	.5036	.8317-02	.1023-01	608.1	57.15	5.826
11	270.00	.39300	56.000	.3623	.4456	.7358-02	.9050-02	608.5	50.52	5.152
11	270.00	.78500	55.000	.2578	.3150	.5236-02	.6399-02	588.6	35.71	3.770
11	270.00	1.1780	54.000	.1367	.1661	.2776-02	.3373-02	570.0	22.54	2.050

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.962 BETA = .1509-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
8	3.009	40.11	.3253-02	7.990	670.4	1321.	95.92	.6923-01	3.094	3836.	.1948-02	.7719-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
8	.2511-01	.1350-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
8	.00000	.00000	50.000	.3575	.4403	.8975-02	.1106-01	618.9	61.46	6.299
8	.00000	.39300	51.000	.1558	.1896	.3913-02	.4760-02	578.6	30.27	2.904
8	.00000	.78500	52.000	.4996-01	.6039-01	.1254-02	.1516-02	556.4	15.16	.9586
8	.00000	1.1780	53.000	.2000-01	.2410-01	.5020-03	.6052-03	545.7	6.928	.3891
8	.00000	1.5710	75.000	.1408-01	.1694-01	.3534-03	.4253-03	539.7	2.866	.2760
8	.00000	2.5420	76.000	.9116-02	.1098-01	.2289-03	.2756-03	541.4	1.809	.1784
8	.00000	3.6370	77.000	.1164-01	.1403-01	.2922-03	.3523-03	546.7	2.188	.2262
8	90.000	.00000	50.000	.3575	.4403	.8975-02	.1106-01	618.9	61.46	6.299
8	90.000	.39300	57.000	.2984	.3657	.7492-02	.9182-02	603.1	50.56	5.376
8	90.000	.78500	58.000	.2705	.3310	.6791-02	.8310-02	598.2	46.25	4.906
8	90.000	1.1780	59.000	.1501	.1825	.3768-02	.4582-02	577.8	30.65	2.799
8	90.000	1.6300	70.000	.7021-01	.8482-01	.1763-02	.2130-02	553.9	14.98	1.352
8	90.000	1.9960	71.000	.5156-01	.6225-01	.1295-02	.1563-02	551.6	11.16	.9956
8	90.000	2.5420	72.000	.5435-01	.6566-01	.1365-02	.1649-02	554.3	11.59	1.046
8	90.000	3.0900	73.000	.6451-01	.7800-01	.1620-02	.1958-02	556.8	11.91	1.237
8	90.000	3.6190	74.000	.4401-01	.5321-01	.1105-02	.1336-02	556.9	8.052	.8440
8	135.00	.00000	50.000	.3575	.4403	.8975-02	.1106-01	618.9	61.46	6.299
8	135.00	.39300	60.000	.5905	.7267	.1482-01	.1825-01	616.3	93.51	10.44
8	135.00	.78500	61.000	.6157	.7687	.1546-01	.1930-01	656.9	90.11	10.26
8	135.00	1.1780	62.000	.3785	.4643	.9502-02	.1166-01	606.2	61.10	6.789
8	135.00	2.2690	66.000	.1244	.1510	.3124-02	.3791-02	569.7	25.17	2.346
8	135.00	2.8900	67.000	.1140	.1386	.2862-02	.3480-02	576.7	24.82	2.129

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
8	135.00	3.5130	68.000	.5418-01	.1143	.2365-02	.2871-02	571.7	19.08	1.771
8	135.00	4.1140	69.000	.6390-01	.7753-01	.1605-02	.1947-02	569.1	11.95	1.206
8	180.00	.00000	50.000	.3575	.4403	.8975-02	.1106-01	618.9	61.46	6.299
8	180.00	.39300	49.000	.3975	.4986	.9980-02	.1252-01	669.3	123.8	6.501
8	180.00	.78500	48.000	.7009	.8908	.1760-01	.2237-01	701.2	140.6	10.90
8	180.00	1.1780	47.000	.4199	.5163	.1054-01	.1296-01	613.5	76.40	7.455
8	225.00	.00000	50.000	.3575	.4403	.8975-02	.1106-01	618.9	61.46	6.299
8	225.00	.39300	63.000	.5514	.6852	.1385-01	.1720-01	644.3	110.3	9.365
8	225.00	.78500	64.000	.6481	.8235	.1627-01	.2068-01	700.6	104.2	10.09
8	225.00	1.1780	65.000	.3448	.4239	.8656-02	.1064-01	613.1	59.93	6.125
8	270.00	.00000	50.000	.3575	.4403	.8975-02	.1106-01	618.9	61.46	6.299
8	270.00	.39300	56.000	.3058	.3763	.7677-02	.9448-02	616.2	52.84	5.408
8	270.00	.78500	55.000	.2221	.2713	.5576-02	.6811-02	592.5	38.38	4.060
8	270.00	1.1780	54.000	.1188	.1442	.2983-02	.3621-02	570.5	24.60	2.238

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD (R4XS24)

.0525 SILTS POD

PARAMETRIC DATA

MACH = 7.962 BETA = .1509-02

TEST CONDITIONS

RUN NUMBER	RN/L /FT	ALPHA DEG.	BETA DEG.	MACH NUMBER	PO PSIA	TO DEG-R	T-INF DEG-R	P-INF PSIA	Q-INF PSI	V-INF FT/SEC	RHO LBM/ FT3	MU-INF LB-SEC /FT2
5	3.666	40.14	.0000	8.000	852.3	1356.	98.24	.8730-01	3.911	3887.	.2399-02	.7905-07

RUN NUMBER	HREF	STN NO SPHERE =.0175
5	.2836-01	.1220-01

TEST DATA

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
5	.00000	.00000	50.000	.3322	.4078	.9422-02	.1157-01	624.3	67.07	6.892
5	.00000	.39300	51.000	.1489	.1804	.4224-02	.5115-02	578.0	34.26	3.285
5	.00000	.78500	52 000	.4869-01	.5861-01	.1381-02	.1662-02	554.7	17.50	1.106
5	.00000	1.1780	53.000	.1928-01	.2314-01	.5468-03	.6563-03	542.9	7.926	.4445
5	.00000	1.5710	75.000	.1451-01	.1738-01	.4114-03	.4930-03	537.0	3.502	.3368
5	.00000	2.5420	76.000	.9295-02	.1114-01	.2636-03	.3160-03	539.5	2.188	.2154
5	.00000	3.6370	77.000	.1356-01	.1629-01	.3846-03	.46[illegible]03	545.4	3.016	.3116
5	90.000	.00000	50.000	.3322	.4078	.9422-02	.1157-01	624.3	67.07	6.892
5	90.000	.39300	57.000	.2713	.3312	.7695-02	.9392-02	605.1	54.27	5.776
5	90.000	.78500	58.000	.2553	.3112	.7241-02	.8827-02	600.8	51.47	5.466
5	90.000	1.1780	59.000	.1458	.1766	.4135-02	.5008-02	577.7	35.23	3.217
5	90.000	1.6300	70.000	.6892-01	.8291-01	.1954-02	.2351-02	552.7	17.41	1.569
5	90.000	1.9960	71.000	.4803-01	.5776-01	.1362-02	.1638-02	551.2	12.29	1.096
5	90.000	2.5420	72.000	.5115-01	.6156-01	.1451-02	.1746-02	553.9	12.89	1.163
5	90.000	3.0900	73.000	.6138-01	.7392-01	.1741-02	.2096-02	556.9	13.38	1.390
5	90.000	3.6190	74.000	.4267-01	.5137-01	.1210-02	.1457-02	555.5	9.244	.9682
5	135.00	.00000	50.000	.3322	.4078	.9422-02	.1157-01	624.3	67.07	6.892
5	135.00	.39300	60.000	.5804	.7115	.1646-01	.2018-01	619.9	108.3	12.11
5	135.00	.78500	61.000	.5907	.7353	.1675-01	.2085-01	666.7	100.9	11.54
5	135.00	1.1780	62.000	.3729	.4560	.1057-01	.1293-01	612.3	70.53	7.860
5	135.00	2.2690	66.000	.1418	.1714	.4021-02	.4862-02	572.1	33.76	3.150
5	135.00	2.8900	67.000	.1355	.1643	.3843-02	.4661-02	582.9	34.51	2.970

OH400 (AEDC V41B-65) VERTICAL TAIL W/SILTS POD

OH400 (AEDC V41B-65) .0525 VERTICAL/SILTS POD

RUN NUMBER	THETA	S/R	T/C NO	H/HREF R=1.0	H/HREF R=0.90	H(TO) BTU/F2 /S/DGR	H(9TO) BTU/F2 /S/DGR	TW DEG-R	DTWDT DEG/ SEC	QDOT BTU/ FT2/S
5	135.00	3.5130	68.000	.1157	.1400	.3280-02	.3972-02	576.9	27.44	2.555
5	135.00	4.1140	69.000	.7889-01	.9543-01	.2237-02	.2707-02	573.7	17.30	1.749
5	180.00	.00000	50.000	.3322	.4078	.9422-02	.1157-01	624.3	67.07	6.692
5	180.00	.39300	49.000	.4078	.5105	.1156-01	.1448-01	682.0	147.5	7.791
5	180.00	.78500	48.000	.7514	.9572	.2131-01	.2715-01	725.0	171.4	13.44
5	180.00	1.1780	47.000	.4262	.5224	.1209-01	.1482-01	620.0	90.83	8.891
5	225.00	.00000	50.000	.3322	.4078	.9422-02	.1157-01	624.3	67.07	6.892
5	225.00	.39300	63.000	.5620	.6965	.1594-01	.1975-01	653.7	131.2	11.19
5	225.00	.78500	64.000	.6566	.8357	.1862-01	.2370-01	723.1	120.3	11.78
5	225.00	1.1780	65.000	.3177	.3895	.9011-02	.1105-01	620.1	64.64	6.628
5	270.00	.00000	50.000	.3322	.4078	.9422-02	.1157-01	624.3	67.07	6.892
5	270.00	.39300	56.000	.2954	.3625	.8378-02	.1028-01	622.9	59.79	6.140
5	270.00	.78500	55.000	.2161	.2631	.6128-02	.7460-02	596.6	43.89	4.651
5	270.00	1.1780	54.000	.1143	.1382	.3241-02	.3919-02	572.1	27.90	2.540

OH400 (AEDC V41B-65) PROBES (W/O MODEL) (R4XP25) (12 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.955 V-INF = 3781.840
RHO = .001 MU-INF = .000
Y(PP1) = .002

RUN NO. 120/ 0 RN/L = .51 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	P-ANGL	Y(PP1)	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
.505	-3.000	.00000	.88217	.87638	1220.67999	1214.96001	92.39500	.01112	1245.67000	100.03000	.48567
.505	.000	.01000	.89126	.88601	1221.53000	1216.24001	92.39500	.01112	1245.67000	100.03000	.48567
.505	3.000	.00000	.88995	.88500	1221.70000	1216.24001	92.39500	.01112	1245.67000	100.03000	.48567
.505	6.000	.00000	.88664	.86251	1221.70000	1215.89999	92.39500	.01112	1245.67000	100.03000	.48567
.505	9.000	.00000	.88373	.88062	1221.02000	1215.22000	92.39500	.01112	1245.67000	100.03000	.48567
.505	12.000	.00000	.87842	.87524	1220.25000	1214.45000	92.39500	.01112	1245.67000	100.03000	.48567
.505	15.000	-.02000	.87691	.87464	1220.08000	1212.57001	92.39500	.01112	1245.67000	100.03000	.48567
.505	18.000	-.02000	.87300	.87453	1219.14000	1212.14000	92.39500	.01112	1245.67000	100.03000	.48567
.505	21.000	.00000	.86649	.87164	1217.95000	1210.78000	92.39500	.01112	1245.67000	100.03000	.48567
	GRADIENT	.00000	.00130	.00144	.17000	.21333	.00000	.00000	.00000	.00000	.00000

RUN NO. 115/ 0 RN/L = 1.01 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	P-ANGL	Y(PP1)	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
1.011	-3.000	.01000	1.75795	1.74594	1251.69000	1248.80000	91.90210	.02195	1250.67000	204.06900	.96863
1.011	.000	.02000	1.74994	1.73798	1251.95000	1248.97000	91.90210	.02195	1250.67000	204.06900	.96863
1.011	3.000	.02000	1.75392	1.74392	1252.71001	1249.64999	91.90210	.02195	1250.67000	204.06900	.96863
1.011	6.000	.02000	1.76490	1.75086	1253.22000	1250.33000	91.90210	.02195	1250.67000	204.06900	.96863
1.011	9.000	.02000	1.76488	1.75680	1253.89999	1250.33000	91.90210	.02195	1250.67000	204.06900	.96863
1.011	12.000	.01000	1.76786	1.76175	1254.07001	1250.67000	91.90210	.02195	1250.67000	204.06900	.96863
1.011	15.000	.01000	1.76684	1.76173	1254.16000	1250.67000	91.90210	.02195	1250.67000	204.06900	.96863
1.011	18.000	.02000	1.75883	1.76469	1253.48000	1249.82001	91.90210	.02195	1250.67000	204.06900	.96863
1.011	21.000	.03000	1.74982	1.76071	1251.52000	1248.28999	91.90210	.02195	1250.67000	204.06900	.96863
	GRADIENT	.00167	-.00067	-.00034	.17000	.14167	.00000	.00000	.00000	.00000	.00000

RUN NO. 111/ 0 RN/L = 2.03 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	P-ANGL	Y(PP1)	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
2.026	-3.000	.02000	3.61728	3.59466	1321.13000	1319.94000	93.88920	.04518	1289.67000	434.02200	2.01417
2.026	.000	.02000	3.62027	3.59466	1318.75999	1317.39999	93.88920	.04518	1289.67000	434.02200	2.01417
2.026	3.000	.01000	3.62526	3.60061	1313.33000	1312.32001	93.88920	.04518	1289.67000	434.02200	2.01417
2.026	6.000	.03000	3.63125	3.60458	1311.47000	1310.28000	93.88920	.04518	1289.67000	434.02200	2.01417
2.026	9.000	.01000	3.63324	3.61550	1309.27000	1308.50000	93.88920	.04518	1289.67000	434.02200	2.01417
2.026	12.000	.01000	3.63921	3.61845	1307.39999	1306.72000	93.88920	.04518	1289.67000	434.02200	2.01417
2.026	15.000	.01000	3.63320	3.62340	1305.53999	1304.17999	93.88920	.04518	1289.67000	434.02200	2.01417
2.026	18.000	.01000	3.62120	3.63035	1301.03999	1300.62000	93.88920	.04518	1289.67000	434.02200	2.01417
2.026	21.000	.02000	3.60720	3.63232	1294.17000	1295.02000	93.88920	.04518	1289.67000	434.02200	2.01417
	GRADIENT	-.00167	.00133	.00099	-1.30000	-1.27000	.00000	.00000	.00000	00000	.00000

OH400 (AEDC V41B-65) PROBES (W/O MODEL) (R4XP25) (12 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.955 V-INF = 3781.840
RHO = .001 MU-INF = .000
Y(PP1) = .002

RUN NO. 101/ 0 RN/L = 3.66 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	P-ANGL	Y(PP1)	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
3.660	-3.000	-.02000	7.02764	7.03626	1374.25999	1374.25999	98.01960	.08687	1352.67000	848.05700	3.89158
3.660	.000	-.02000	7.02728	7.03788	1374.35001	1374.17999	98.01960	.08687	1352.67000	848.05700	3.89158
3.660	3.000	-.02000	7.02697	7.04055	1374.25999	1373.75999	98.01960	.08687	1352.67000	848.05700	3.89158
3.660	6.000	-.02000	7.03279	7.05131	1373.92000	1373.67000	98.01960	.08687	1352.67000	848.05700	3.89158
3.660	9.000	.00000	7.03666	7.05615	1374.09000	1373.75999	98.01960	.08687	1352.67000	848.05700	3.89158
3.660	12.000	-.02000	7.04849	7.07386	1374.09000	1373.92000	98.01960	.08687	1352.67000	848.05700	3.89158
3.660	15.000	-.02000	7.04834	7.08166	1373.42000	1373.50000	98.01960	.08687	1352.67000	848.05700	3.89158
3.660	18.000	-.04000	7.03021	7.09940	1369.19000	1370.37000	98.01960	.08687	1352.67000	848.05700	3.89158
3.660	21.000	-.02000	7.00213	7.10624	1364.53999	1366.64999	98.01960	.08687	1352.67000	848.05700	3.89158
	GRADIENT	.00000	-.00011	.00072	.00000	-.08333	.00000	.00000	.00000	.00000	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (R4XP26) (12 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 30.079
BETA = -.005 V-INF = 3802.675
RHO = .001 MU-INF = .000
Y(PP1) = .002

RUN NO. 121/ 0 RN/L = .50 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
.500	.600	46.96200	.03073	.02794	1016.19000	1034.80000	92.76590	.01106	1250.67000	99.48960	.48305
.500	.650	46.97200	.03282	.03369	1014.62000	1059.56000	92.76590	.01106	1250.67000	99.48960	.48305
.500	.700	42.95200	.02641	.04431	1018.28000	1090.08000	92.76590	.01106	1250.67000	99.48960	.48305
.500	.750	38.95200	.03666	.05757	1021.15000	1102.20000	92.76590	.01106	1250.67000	99.48960	.48305
.500	.800	35.86200	.04375	.07374	1025.50000	1114.22000	92.76590	.01106	1250.67000	99.48960	.48305
.500	.850	35.87200	.05034	.09240	1030.02000	1122.63000	92.76590	.01106	1250.67000	99.48960	.48305
.500	.900	34.92200	.05694	.10949	1035.32001	1127.52000	92.76590	.01106	1250.67000	99.48960	.48305
.500	.950	30.84200	.06457	.11716	1038.78999	1127.69000	92.76590	.01106	1250.67000	99.48960	.48305
.500	1.000	29.89200	.07029	.11867	1040.70000	1128.03000	92.76590	.01106	1250.67000	99.48960	.48305
.500	1.050	26.91200	.07482	.12197	1042.42999	1127.60001	92.76590	.01106	1250.67000	99.48960	.48305
.500	1.100	26.91200	.07652	.12197	1042.95000	1127.52000	92.76590	.01106	1250.67000	99.48960	.48305
	GRADIENT	-43.05993	.10866	.21842	64.98219	166.16270	.00000	.00000	.00129	.00008	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (R4XP26) (12 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 30.079
BETA = -.005 V-INF = 3802.675
RHO = .001 MU-INF = .000
Y(PP1) = .002

RUN NO. 116/ 0 RN/L = 1.01 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
1.010	.600	37.92800	.08281	.18423	1037.23000	1162.23000	92.04910	.02198	1252.67000	204.36900	.97005
1.010	.650	27.88800	.10502	.22625	1048.23000	1168.06000	92.04910	.02198	1252.67000	204.36900	.97005
1.010	.700	22.94800	.14005	.29449	1067.08000	1173.89000	92.04910	.02198	1252.67000	204.36900	.97005
1.010	.750	18.92800	.17115	.37086	1097.05000	1180.41000	92.04910	.02198	1252.67000	204.36900	.97005
1.010	.800	19.88800	.18465	.39489	1111.73000	1182.56000	92.04910	.02198	1252.67000	204.36900	.97005
1.010	.850	20.90800	.19374	.41156	1123.39999	1184.70000	92.04910	.02198	1252.67000	204.36900	.97005
1.010	.900	19.84800	.19093	.41057	1127.95000	1186.25000	92.04910	.02198	1252.67000	204.36900	.97005
1.010	.950	18.90800	.19073	.39209	1126.83000	1187.88000	92.04910	.02198	1252.67000	204.36900	.97005
1.010	1.000	20.91800	.18973	.36934	1123.39999	1189.50999	92.04910	.02198	1252.67000	204.36900	.97005
1.010	1.050	21.87800	.19112	.35524	1122.63000	1190.80000	92.04910	.02198	1252.67000	204.36900	.97005
1.010	1.100	21.88800	.19502	.34123	1122.28999	1191.39999	92.04910	.02198	1252.67000	204.36900	.97005
	GRADIENT	-20.07452	.19999	.28794	175.93542	54.96444	.00008	.00000	.00097	.00032	.00000

RUN NO. 112/ 0 RN/L = 1.96 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
1.975	.600	17.62800	.42081	.75333	1173.03000	1268.36000	95.41810	.04514	1310.67000	433.62200	2.01231
1.975	.650	15.80800	.49992	.86178	1202.67000	1277.87000	95.41810	.04514	1310.67000	433.62200	2.01231
1.975	.700	15.81800	.55323	.93954	1225.80000	1286.19000	95.41810	.04514	1310.67000	433.62200	2.01231
1.975	.750	14.91800	.56353	.96735	1237.05000	1286.36000	95.41810	.04514	1310.67000	433.62200	2.01231
1.975	.800	15.85800	.54714	.94034	1237.39000	1283.82001	95.41810	.04514	1310.67000	433.62200	2.01231
1.975	.850	16.89800	.54073	.90022	1236.88000	1285.00999	95.41810	.04514	1310.67000	433.62200	2.01231
1.975	.900	17.87800	.52662	.84192	1231.75999	1286.53000	95.41810	.04514	1310.67000	433.62200	2.01231
1.975	.950	17.87800	.52602	.79901	1228.35001	1288.06000	95.41810	.04514	1310.67000	433.62200	2.01231
1.975	1.000	17.87800	.52392	.78520	1223.41000	1289.08000	95.41810	.04514	1310.67000	433.62200	2.01231
1.975	1.050	16.90800	.53862	.79970	1219.64999	1290.95000	95.41810	.04514	1310.67000	433.62200	2.01231
1.975	1.100	15.90800	.55502	.82046	1219.91000	1290.78000	95.41810	.04514	1310.67000	433.62200	2.01231
	GRADIENT	1.62183	.11679	-.14741	49.47730	32.58262	.00008	.00000	.00129	.00065	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (R4XP26) (12 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 30.079
BETA = -.005 V-INF = 3802.675
RHO = .001 MU-INF = .000
Y(PPI) = .002

RUN NO. 107/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
2.991	.600	16.86600	.79571	1.27608	1243.17993	1282.20000	95.99560	.06891	1321.67000	667.27300	3.07925
2.991	.650	13.94600	.93020	1.37340	1256.63000	1296.46001	95.99560	.06891	1321.67000	667.27300	3.07925
2.991	.700	15.00600	.93459	1.41610	1266.66000	1313.33000	95.99560	.06891	1321.67000	667.27300	3.07925
2.991	.750	12.93600	.92058	1.38829	1266.66000	1313.67000	95.99560	.06891	1321.67000	667.27300	3.07925
2.991	.800	14.93600	.89537	1.33364	1263.77000	1309.78000	95.99560	.06891	1321.67000	667.27300	3.07925
2.991	.850	14.93600	.89246	1.27502	1259.42999	1309.10001	95.99560	.06891	1321.67000	667.27300	3.07925
2.991	.900	15.91600	.88883	1.22433	1252.88000	1308.59000	95.99560	.06891	1321.67000	667.27300	3.07925
2.991	.950	14.92600	.92020	1.24914	1246.41000	1311.22000	95.99560	.06891	1321.67000	667.27300	3.07925
2.991	1.000	15.90600	.94348	1.27395	1242.33000	1311.98000	95.99560	.06891	1321.67000	667.27300	3.07925
2.991	1.050	15.89600	.94647	1.28685	1242.16000	1310.28000	95.99560	.06891	1321.67000	667.27300	3.07925
2.991	1.100	15.90600	.94866	1.30671	1245.22000	1307.57001	95.99560	.06891	1321.67000	667.27300	3.07925
	GRADIENT	1.90183	.15441	-.18311	-31.28290	31.27128	.00008	.00000	.00129	.00065	.00000

RUN NO. 103/ 0 RN/L = 3.64 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
3.644	.600	15.94000	.92237	1.51910	1287.30000	1298.24001	98.38190	.08697	1357.67000	849.05600	3.89617
3.644	.650	12.29000	1.03187	1.64287	1295.95000	1305.20000	98.38190	.08697	1357.67000	849.05600	3.89617
3.644	.700	13.96000	1.05975	1.69741	1297.89999	1329.67999	98.38190	.08697	1357.67000	849.05600	3.89617
3.644	.750	12.31000	1.06969	1.67650	1297.39999	1349.91000	98.38190	.08697	1357.67000	849.05600	3.89617
3.644	.800	13.88000	1.09163	1.62083	1295.11000	1345.50999	98.38190	.08697	1357.67000	849.05600	3.89617
3.644	.850	12.89000	1.11655	1.57509	1291.12000	1340.60001	98.38190	.08697	1357.67000	849.05600	3.89617
3.644	.900	13.87000	1.17045	1.60185	1288.06000	1340.77000	98.38190	.08697	1357.67000	849.05600	3.89617
3.644	.950	12.95000	1.22936	1.68029	1286.19000	1346.61000	98.38190	.08697	1357.67000	849.05600	3.89617
3.644	1.000	14.89000	1.25727	1.69116	1285.77000	1346.70000	98.38190	.08697	1357.67000	849.05600	3.89617
3.644	1.050	16.94000	1.25911	1.70789	1290.44000	1345.67999	98.38190	.08697	1357.67000	849.05600	3.89617
3.644	1.100	15.86000	1.27701	1.71178	1295.70000	1343.99001	98.38190	.08697	1357.67000	849.05600	3.89617
	GRADIENT	4.04728	.66779	.21697	-8.34516	78.25342	.00008	.00000	.00065	.00065	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (R4XP27) (12 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.980 ALPHA = 30.118
BETA = -.002 V-INF = 3806.700
RHO = .001 MU-INF = .000
Y(PPI) = -.234

RUN NO. 124/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
1.997	.600	17.85200	.90341	.31553	1216.58000	1262.75000	94.69000	.04512	1300.67000	433.42200	2.01139
1.997	.650	15.88200	.95652	.40521	1228.86000	1275.58000	94.69000	.04512	1300.67000	433.42200	2.01139
1.997	.700	15.89200	.97583	.47662	1233.72000	1282.12000	94.69000	.04512	1300.67000	433.42200	2.01139
1.997	.750	14.91200	.95543	.50771	1234.49001	1283.48000	94.69000	.04512	1300.67000	433.42200	2.01139
1.997	.800	15.94200	.89543	.51457	1228.78000	1281.27000	94.69000	.04512	1300.67000	433.42200	2.01139
1.997	.850	16.92200	.83493	.51845	1225.11000	1277.70000	94.69000	.04512	1300.67000	433.42200	2.01139
1.997	.900	17.84200	.76793	.51179	1218.37000	1269.89000	94.69000	.04512	1300.67000	433.42200	2.01139
1.997	.950	17.82200	.71912	.51418	1211.28999	1259.86000	94.69000	.04512	1300.67000	433.42200	2.01139
1.997	1.000	17.83200	.70522	.52917	1208.09000	1253.56000	94.69000	.04512	1300.67000	433.42200	2.01139
1.997	1.050	16.86200	.69612	.55588	1200.34000	1249.14000	94.69000	.04512	1300.67000	433.42200	2.01139
1.997	1.100	15.89200	.70402	.58230	1198.45000	1248.12000	94.69000	.04512	1300.67000	433.42200	2.01139
	GRADIENT	1.39274	-.62736	.38261	-61.53210	-58.76480	.00008	.00000	.00129	.00016	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (R4XP28) (12 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 35.066
BETA = -.001 V-INF = 3799.543
RHO = .001 MU-INF = .000
Y(PPI) = -.000

RUN NO. 122/ 0 RN/L = .50 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
.495	.600	41.91600	.01326	.02202	998.73000	968.02400	93.35930	.01107	1258.67000	99.60970	.48363
.495	.650	41.92600	.01225	.02250	993.48100	967.40800	93.35930	.01107	1258.67000	99.60970	.48363
.495	.700	41.90600	.01264	.02746	990.67800	1017.67000	93.35930	.01107	1258.67000	99.60970	.48363
.495	.750	41.92600	.01363	.03450	991.20400	1061.81000	93.35930	.01107	1258.67000	99.60970	.48363
.495	.800	37.95600	.00702	.05345	995.05600	1102.98000	93.35930	.01107	1258.67000	99.60970	.48363
.495	.850	33.96600	.01664	.08873	1009.82000	1130.09000	93.35930	.01107	1258.67000	99.60970	.48363
.495	.900	29.94600	.03136	.14327	1024.89000	1140.28999	93.35930	.01107	1258.67000	99.60970	.48363
.495	.950	23.89600	.04210	.15582	1034.88000	1140.12000	93.35930	.01107	1258.67000	99.60970	.48363
.495	1.000	19.94600	.05723	.17531	1045.03000	1141.49001	93.35930	.01107	1258.67000	99.60970	.48363
.495	1.050	16.88600	.07365	.18417	1054.46001	1143.12000	93.35930	.01107	1258.67000	99.60970	.48363
.495	1.100	16.88600	.09235	.19033	1062.50000	1145.52000	93.35930	.01107	1258.67000	99.60970	.48363
	GRADIENT	-60.95631	.15566	.41168	153.27434	391.94925	.00008	.00000	.00097	.00004	-.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (R4XP28) (12 FEB 80)

REFERENCE DATA

SREF =	.0000 SQ.FT.	XMRP =	.0000 IN. XO		
LREF =	.0000 INCHES	YMRP =	.0000 IN. YO		
BREF =	.0000 INCHES	ZMRP =	.0000 IN. ZO		
SCALE =	.0175				

PARAMETRIC DATA

MACH =	7.962	ALPHA =	35.066
BETA =	-.001	V-INF =	3799.543
RHO =	.001	MU-INF =	.000
Y(PPI) =	-.000		

RUN NO. 117/ 0 RN/L = 1.01 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PPI	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
1.005	.600	41.96400	.05284	.20462	1041.48000	1139.17999	92.04910	.02187	1252.67000	203.37000	.96531
1.005	.650	41.95400	.06723	.27512	1065.96001	1139.42999	92.04910	.02187	1252.67000	203.37000	.96531
1.005	.700	39.87400	.11531	.36874	1130.86000	1141.83000	92.04910	.02187	1252.67000	203.37000	.96531
1.005	.750	34.97400	.19411	.43497	1161.20000	1149.28999	92.04910	.02187	1252.67000	203.37000	.96531
1.005	.800	26.90400	.29126	.49678	1177.66000	1165.49001	92 04910	.02187	1252.67000	203.37000	.96531
1.005	.850	19.94400	.37152	.53953	1174.58000	1189.50999	92.04910	.02187	1252.67000	203.37000	.96531
1.005	.900	18.97400	.40983	.54689	1170.80000	1198.71001	92.04910	.02187	1252.67000	203.37000	.96531
1.005	.950	15.93400	.42854	.53041	1165.14000	1194.75000	92.04910	.02187	1252.67000	203.37000	.96531
1.005	1.000	15.93400	.42784	.50826	1160.17000	1192.09000	92.04910	.02187	1252.67000	203.37000	.96531
1.005	1.050	14.90400	.40463	.49634	1157.00000	1191.74001	92.04910	.02187	1252.67000	203.37000	.96531
1.005	1.100	16.91400	.39023	.49108	1157.69000	1191.32001	92.04910	.02187	1252.67000	203.37000	.96531
	GRADIENT	-63.86902	.82937	.54122	188.02993	135.42925	.00008	.00000	.00097	.00016	.00000

RUN NO. 113/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PPI	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
1.997	.600	33.94600	.27838	.58161	1243.52000	1219.14000	94.61720	.04506	1299.67000	432.82300	2.00860
1.997	.650	19.89600	.44156	.65496	1263.94000	1221.53000	94.61720	.04506	1299.67000	432.82300	2.00860
1.997	.700	11.96600	.63519	.79212	1278.72000	1219.99001	94.61720	.04506	1299.67000	432.82300	2.00860
1.997	.750	7.90600	.81563	.97218	1283.64999	1229.38000	94.61720	.04506	1299.67000	432.82300	2.00860
1.997	.800	7.19600	.88275	1.04873	1278.72000	1253.73000	94.61720	.04506	1299.67000	432.82300	2.00860
1.997	.850	7.20600	.89615	1.05668	1271.92999	1281.10001	94.61720	.04506	1299.67000	432.82300	2.00860
1.997	.900	7.20600	.87915	1.03979	1264.62000	1285.52000	94.61720	.04506	1299.67000	432.82300	2.00860
1.997	.950	7.21600	.85045	1.00999	1258.41000	1277.70000	94.61720	.04506	1299.67000	432.82300	2.00860
1.997	1.000	7.19600	.81124	.97389	1252.63000	1273.03000	94.61720	.04506	1299.67000	432.82300	2.00860
1.997	1.050	7.19600	.79594	.95174	1249.82001	1271.25000	94.61720	.04506	1299.67000	432.82300	2.00860
1.997	1.100	7.20600	.77734	.92443	1246.92000	1269.21001	94.61720	.04506	1299.67000	432.82300	2.00860
	GRADIENT	-36.39632	.81936	.63876	-33.14983	133.96070	.00008	.00000	.00129	.00000	-.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (R4XP28) (12 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 35.066
BETA = -.001 V-INF = 3793.543
RHO = .001 MU-INF = .000
Y(PP1) = -.000

RUN NO. 108/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
3.000	.600	23.89200	.62315	.97263	1285.69000	1267.67999	95.92300	.06902	1320.67000	668.37200	3.08432
3.000	.650	17.93200	.86845	1.14181	1304.52000	1266.49001	95.92300	.06902	1320.67000	668.37200	3.08432
3.000	.700	13.94200	1.12534	1.35832	1314.52000	1268.78000	95.92300	.06902	1320.67000	668.37200	3.08432
3.000	.750	11.91200	1.23522	1.49241	1312.91000	1289.59000	95.92300	.06902	1320.67000	668.37200	3.08432
3.000	.800	10.91200	1.22822	1.51128	1305.88000	1314.35001	95.92300	.06902	1320.67000	668.37200	3.08432
3.000	.850	10.89200	1.20024	1.47650	1300.11000	1317.74001	95.92300	.06902	1320.67000	668.37200	3.08432
3.000	.900	10.90200	1.15927	1.42485	1294.17000	1310.20000	95.92300	.06902	1320.67000	668.37200	3.08432
3.000	.950	10.90200	1.13728	1.36722	1289.67000	1306.89000	95.92300	.06902	1320.67000	668.37200	3.08432
3.000	1.000	10.90200	1.12029	1.32648	1286.03000	1305.53999	95.92300	.06902	1320.67000	668.37200	3.08432
3.000	1.050	10.90200	1.11529	1.29072	1283.82001	1304.42999	95.92300	.06902	1320.67000	668.37200	3.08432
3.000	1.100	10.90200	1.11128	1.25693	1281.95000	1302.99001	95.92300	.06902	1320.67000	668.37200	3.08432
	GRADIENT	-18.94907	.57237	.28815	-44.57383	85.28079	.00004	-.00000	.00129	.00097	.00000

RUN NO. 104/ 0 RN/L = 3.66 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
3.662	.650	15.94000	1.21270	1.47797	1341.62000	1298.07001	97.87460	.08673	1350.67000	846.75800	3.88562
3.662	.700	15.94000	1.43744	1.73620	1346.36000	1307.39999	97.87460	.08673	1350.67000	846.75800	3.88562
3.662	.750	13.96000	1.47138	1.84743	1339.08000	1344.16000	97.87460	.08673	1350.67000	846.75800	3.88562
3.662	.800	12.86000	1.44039	1.79874	1332.99001	1354.31000	97.87460	.08673	1350.67000	846.75800	3.88562
3.662	.850	12.85000	1.42141	1.73715	1330.11000	1346.19000	97.87460	.08673	1350.67000	846.75800	3.88562
3.662	.900	13.86000	1.40040	1.66460	1326.21001	1340.86000	97.87460	.08673	1350.67000	846.75800	3.88562
3.662	.950	12.91000	1.38838	1.60696	1324.17999	1339.42000	97.87460	.08673	1350.67000	846.75800	3.88562
3.662	1.000	12.90000	1.38435	1.57216	1323.08000	1338.74001	97.87460	.08673	1350.67000	846.75800	3.88562
3.662	1.050	12.91000	1.38132	1.53239	1321.47000	1337.47000	97.87460	.08673	1350.67000	846.75800	3.88562
3.662	1.100	12.90000	1.37024	1.49853	1320.28000	1336.03000	97.87460	.08673	1350.67000	846.75800	3.88562
	GRADIENT	-6.38907	.05004	-.39586	-57.77028	57.57994	.00012	.00000	.00284	.00047	.00001

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (R4XP29) (12 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 39.984
BETA = .002 V-INF = 3801.570
RHO = .001 MU-INF = .000
Y(PP1) = .001

RUN NO. 123/ 0 RN/L = .49 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
.495	.600	37.02800	.01009	.01926	964.14900	967.05500	93.43350	.01107	1259.67000	99.56960	.48344
.495	.650	37.02800	.00957	.01915	959.65400	955.59600	93.43350	.01107	1259.67000	99.56960	.48344
.495	.700	37.02800	.00986	.01874	959.38900	950.12100	93.43350	.01107	1259.67000	99.56960	.48344
.495	.750	37.02800	.01035	.01903	960.00700	946.76200	93.43350	.01107	1259.67000	99.56960	.48344
.495	.800	37.03800	.01154	.01962	960.97700	951.09300	93.43350	.01107	1259.67000	99.56960	.48344
.495	.850	32.08800	.00492	.02098	960.62400	966.61500	93.43350	.01107	1259.67000	99.56960	.48344
.495	.900	27.98800	.01237	.02639	963.26800	988.57600	93.43350	.01107	1259.67000	99.56960	.48344
.495	.950	23.01800	.01696	.03443	967.76000	1021.41000	93.43350	.01107	1259.67000	99.56960	.48344
.495	1.000	21.93800	.02297	.05549	976.99400	1074.06000	93.43350	.01107	1259.67000	99.56960	.48344
.495	1.050	20.97800	.02898	.08420	991.55400	1106.92999	93.43350	.01107	1259.67000	99.56960	.48344
.495	1.100	19.97800	.03579	.11231	1010.61000	1126.14999	93.43350	.01107	1259.67000	99.56960	.48344
	GRADIENT	-42.14356	.04717	.15877	78.27667	356.25616	.00008	.00000	.00129	.00012	.00000

RUN NO. 118/ 0 RN/L = 1.00 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
1.003	.600	37.09200	.03181	.02375	984.71800	995.14400	91.90210	.02179	1250.67000	202.57000	.96151
1.003	.650	37.10200	.03279	.02791	979.01400	1028.46001	91.90210	.02179	1250.67000	202.57000	.96151
1.003	.700	37.12200	.03458	.03922	979.62800	1081.56000	91.90210	.02179	1250.67000	202.57000	.96151
1.003	.750	34.04200	.03037	.07257	986.91000	1136.95000	91.90210	.02179	1250.67000	202.57000	.96151
1.003	.800	28.11200	.04781	.15563	1006.77000	1166.25999	91.90210	.02179	1250.67000	202.57000	.96151
1.003	.850	27.01200	.05760	.21550	1028.63000	1175.78000	91.90210	.02179	1250.67000	202.57000	.96151
1.003	.900	24.06200	.08511	.31085	1077.67999	1180.14999	91.90210	.02179	1250.67000	202.57000	.96151
1.003	.950	21.94200	.10933	.36439	1101.77000	1182.64000	91.90210	.02179	1250.67000	202.57000	.96151
1.003	1.000	18.05200	.15936	.42817	1133.00000	1184.53000	91.90210	.02179	1250.67000	202.57000	.96151
1.003	1.050	15.93200	.22369	.49394	1163.60001	1186.92999	91.90210	.02179	1250.67000	202.57000	.96151
1.003	1.100	13.99200	.30110	.57031	1184.70000	1191.92000	91.90210	.02179	1250.67000	202.57000	.96151
	GRADIENT	-51.93448	.48720	1.18229	454.36365	369.44475	.00004	.00000	.00129	.00008	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (R4XP29) (12 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 39.984
BETA = .002 V-INF = 3801.570
RHO = .001 MU-INF = .000
Y(PP1) = .001

RUN NO. 114/ 0 RN/L = 1.99 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
1.994	.600	35.04200	.09792	.35376	1125.80000	1208.09000	94.83560	.04515	1302.67000	433.72200	2.01278
1.994	.650	34.00200	.12427	.48499	1174.83000	1209.75000	94.83560	.04515	1302.67000	433.72200	2.01278
1.994	.700	25.05200	.18578	.58788	1215.89999	1215.73000	94.83560	.04515	1302.67000	433.72200	2.01278
1.994	.750	20.90200	.29961	.67280	1241.99001	1218.12000	94.83560	.04515	1302.67000	433.72200	2.01278
1.994	.800	17.89200	.50905	.73380	1264.45000	1219.99001	94.83560	.04515	1302.67000	433.72200	2.01278
1.994	.850	14.96200	.70569	.82181	1276.35001	1221.19000	94.83560	.04515	1302.67000	433.72200	2.01278
1.994	.900	14.96200	.90961	.98040	1286.19000	1224.77000	94.83560	.04515	1302.67000	433.72200	2.01278
1.994	.950	12.00200	1.05171	1.18776	1292.39000	1246.24001	94.83560	.04515	1302.67000	433.72200	2.01278
1.994	1.000	10.96200	1.08268	1.28411	1295.70000	1276.35001	94.83560	.04515	1302.67000	433.72200	2.01278
1.994	1.050	8.98200	1.08068	1.27220	1298.92000	1295.53000	94.83560	.04515	1302.67000	433.72200	2.01278
1.994	1.100	6.98200	1.06569	1.21061	1298.24001	1285.60001	94.83560	.04515	1302.67000	433.72200	2.01278
	GRADIENT	-55.15994	2.41089	1.96332	312.81870	177.00947	.00012	.00000	.00065	.00016	.00000

RUN NO. 109/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
2.987	.600	32.99600	.17814	.64455	1227.50000	1251.52000	96.21350	.06903	1324.67000	668.47200	3.08478
2.987	.650	30.05600	.26367	.76652	1260.03000	1256.28999	96.21350	.06903	1324.67000	668.47200	3.08478
2.987	.700	23.02600	.44729	.86453	1288.32001	1261.89999	96.21350	.06903	1324.67000	668.47200	3.08478
2.987	.750	18.92600	.73949	.94346	1305.37000	1263.67999	96.21350	.06903	1324.67000	668.47200	3.08478
2.987	.800	15.99600	.98798	1.03723	1317.57001	1264.78999	96.21350	.06903	1324.67000	668.47200	3.08478
2.987	.850	12.97600	1.25997	1.31240	1324.52000	1262.58000	96.21350	.06903	1324.67000	668.47200	3.08478
2.987	.900	10.99600	1.36187	1.61635	1326.03999	1275.33000	96.21350	.06903	1324.67000	668.47200	3.08478
2.987	.950	10.00600	1.38784	1.71072	1329.60001	1315.20000	96.21350	.06903	1324.67000	668.47200	3.08478
2.987	1.000	8.98600	1.39384	1.67496	1331.80000	1330.45000	96.21350	.06903	1324.67000	668.47200	3.08478
2.987	1.050	7.96600	1.41182	1.63820	1330.53000	1322.91000	96.21350	.06903	1324.67000	668.47200	3.08478
2.987	1.100	6.99600	1.41482	1.58457	1326.03999	1321.98000	96.21350	.06903	1324.67000	668.47200	3.08478
	GRADIENT	-51.51267	2.77931	2.31487	174.92302	170.54803	.00012	.00000	.00129	.00032	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (R4XP29) (12 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 39.984
BETA = .002 V-INF = 3801.570
RHO = .001 MU-INF = .000
Y(PP1) = .001

RUN NO. 105/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
3.669	.600	32.05000	.25636	.80713	1274.99001	1292.98000	97.94710	.08699	1351.67000	849.25600	3.89709
3.669	.650	27.04000	.42594	.95705	1305.03000	1299.25999	97.94710	.08699	1351.67000	849.25600	3.89709
3.669	.700	22.03000	.67840	1.06808	1324.35001	1302.06000	97.94710	.08699	1351.67000	849.25600	3.89709
3.669	.750	16.95000	1.06720	1.21807	1343.23000	1302.39999	97.94710	.08699	1351.67000	849.25600	3.89709
3.669	.800	14.05000	1.36392	1.46344	1354.31000	1299.17999	97.94710	.08699	1351.67000	849.25600	3.89709
3.669	.850	11.01000	1.54977	1.80616	1356.34000	1299.94000	97.94710	.08699	1351.67000	849.25600	3.89709
3.669	.900	8.95000	1.63971	2.05850	1359.89000	1333.32001	97.94710	.08699	1351.67000	849.25600	3.89709
3.669	.950	8.07000	1.67068	2.06247	1361.84000	1363.44000	97.94710	.08699	1351.67000	849.25600	3.89709
3.669	1.000	8.07000	1.67965	1.99491	1360.39999	1359.38000	97.94710	.08699	1351.67000	849.25600	3.89709
3.669	1.050	8.06000	1.69359	1.93923	1356.67999	1356.00000	97.94710	.08699	1351.67000	849.25600	3.89709
3.669	1.100	8.07000	1.70055	1.89053	1352.19000	1355.32001	97.94710	.08699	1351.67000	849.25600	3.89709
	GRADIENT	-47.37450	3.05056	2.62001	135.19100	157.60769	.00004	.00000	.00129	.00032	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (R4XP30) (12 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.940 ALPHA = 39.980
BETA = .000 V-INF = 3734.430
RHO = .001 MU-INF = .000
Y(PP1) = -.244

RUN NO. 119/ 0 RN/L = 1.01 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PP1	PP2	TT1	TT2	T-INF	P-INF	TO	PO	Q-INF
1.011	.600	36.99000	.01553	.03539	997.85600	971.01600	92.04910	.02201	1252.67000	204.66900	.97147
1.011	.650	36.99000	.01792	.03558	993.65600	963.79700	92.04910	.02201	1252.67000	204.66900	.97147
1.011	.700	36.98000	.02191	.03706	996.45600	971.54300	92.04910	.02201	1252.67000	204.66900	.97147
1.011	.750	33.98000	.02119	.04220	1003.01000	998.99300	92.04910	.02201	1252.67000	204.66900	.97147
1.011	.800	28.06000	.04341	.05662	1013.14000	1039.48000	92.04910	.02201	1252.67000	204.66900	.97147
1.011	.850	27.05000	.06292	.07331	1024.20000	1076.05000	92.04910	.02201	1252.67000	204.66900	.97147
1.011	.900	23.98000	.10032	.10986	1045.38000	1121.50999	92.04910	.02201	1252.67000	204.66900	.97147
1.011	.950	21.98000	.15204	.17412	1075.62000	1157.60001	92.04910	.02201	1252.67000	204.66900	.97147
1.011	1.000	17.69000	.22747	.27604	1121.09000	1180.41000	92.04910	.02201	1252.67000	204.66900	.97147
1.011	1.050	16.00000	.28980	.32700	1148.00000	1189.34000	92.04910	.02201	1252.67000	204.66900	.97147
1.011	1.100	13.92000	.35882	.41619	1179.55000	1200.34000	92.04910	.02201	1252.67000	204.66900	.97147
	GRADIENT	-51.75632	.67986	.74612	377.67434	559.02491	.00008	.00000	.00097	.00016	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (R4XP31) (12 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.990 ALPHA = 39.990
BETA = .001 V-INF = 3839.110
RHO = .002 MU-INF = .000
Y(PPI) = -.500

RUN NO. 110/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	F-ANGL	PPI	PP2	TTI	TT2	T-INF	P-INF	TO	PO	Q-INF
2.998	.600	33.00000	.50335	.17311	1181.61000	1200.34000	96.06830	.06914	1322.67000	669.57100	3.08986
2.998	.650	30.02000	.79086	.27597	1238.41000	1243.00999	96.06830	.06914	1322.67000	669.57100	3.08986
2.998	.700	23.02000	.98447	.47945	1277.36000	1274.48000	96.06830	.06914	1322.67000	669.57100	3.08986
2.998	.750	19.00000	1.09400	.77636	1302.99001	1297.39999	96.06830	.06914	1322.67000	669.57100	3.08986
2.998	.800	15.93000	1.19994	1.08781	1310.00000	1313.50000	96.06830	.06914	1322.67000	669.57100	3.08986
2.998	.850	12.97000	1.32266	1.29546	1323.16000	1318.50000	96.06830	.06914	1322.67000	669.57100	3.08986
2.998	.900	10.98000	1.46373	1.38189	1319.00999	1321.30000	96.06830	.06914	1322.67000	669.57100	3.08986
2.998	.950	9.98000	1.66454	1.42361	1314.00999	1324.52000	96.06830	.06914	1322.67000	669.57100	3.08986
2.998	1.000	8.97000	1.76145	1.43057	1311.13000	1324.52000	96.06830	.06914	1322.67000	669.57100	3.08986
2.998	1.050	7.97000	1.75744	1.44148	1310.96001	1322.64999	96.06830	.06914	1322.67000	669.57100	3.08986
2.998	1.100	6.98000	1.73646	1.44843	1310.62000	1317.57001	96.06830	.06914	1322.67000	669.57100	3.08986
	GRADIENT	-51.53449	2.50321	2.81465	192.65738	203.06866	.00008	.00000	.00065	.00032	.00000

OH400 (AEDC V41B-65) PROBES (W/O MODEL) (R4XP32) (12 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.990 V-INF = 3844.910
RHO = .002 MU-INF = .000
Y(PPI) = .543

RUN NO. 106/ 0 RN/L = 2.98 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	P-ANGL	Y(PPI)	PPI	PP2	TTI	TT2	T-INF	P-INF	TO	PO	Q-INF
2.977	-3.000	.55000	5.58923	5.60603	1344.16000	1343.99001	96.35880	.06896	1326.67000	667.77200	3.08155
2.977	.000	.55000	5.59817	5.61591	1346.36000	1345.75999	96.35880	.06896	1326.67000	667.77200	3.08155
2.977	3.000	.54000	5.59014	5.60892	1346.70000	1346.53000	96.35880	.06896	1326.67000	667.77200	3.08155
2.977	6.000	.54000	5.59311	5.60790	1347.37000	1347.03000	96.35880	.06896	1326.67000	667.77200	3.08155
2.977	9.000	.54000	5.60208	5.61880	1347.37000	1346.78000	96.35880	.06896	1326.67000	667.77200	3.08155
2.977	12.000	.55000	5.62001	5.64358	1347.46001	1346.70000	96.35880	.06896	1326.67000	667.77200	3.08155
2.977	15.000	.54000	5.62793	5.66040	1345.67999	1345.09000	96.35880	.06896	1326.67000	667.77200	3.08155
2.977	18.000	.54000	5.61492	5.67130	1341.28000	1341.62000	96.35880	.06896	1326.67000	667.77200	3.08155
2.977	21.000	.54000	5.56893	5.65537	1336.03000	1337.39000	96.35880	.06896	1326.67000	667.77200	3.08155
	GRADIENT	-.00167	.00015	.00048	.42333	.42333	.00000	.00000	.00000	.00000	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (P4XP26) (20 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 30.079
BETA = -.005 V-INF = 3802.675
RHO = .001 MU-INF = .000
Y(PP1) = .002

RUN NO. 121/ 0 RN/L = .50 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
.500	.600	2.77900	2.52682	10.95435	11.15496	.03073	.02794	1016.19000	1034.80000	92.76590	.01106
.500	.650	2.96849	3.04729	10.93742	11.42187	.03282	.03369	1014.62000	1059.56000	92.76590	.01106
.500	.700	2.38862	4.00732	10.97688	11.75087	.02641	.04431	1018.28000	1090.08000	92.76590	.01106
.500	.750	3.31573	5.20637	11.00782	11.88152	.03666	.05757	1021.15000	1102.20000	92.76590	.01106
.500	.800	3.95695	6.66938	11.05471	12.01109	.04375	.07374	1025.50000	1114.22000	92.76590	.01106
.500	.850	4.55286	8.35683	11.10343	12.10175	.05034	.09240	1030.02000	1122.63000	92.76590	.01106
.500	.900	5.15008	9.90187	11.16157	12.15447	.05694	.10949	1035.32001	1127.52000	92.76590	.01106
.500	.950	5.83988	10.59582	11.19797	12.15630	.06457	.11716	1038.78999	1127.69000	92.76590	.01106
.500	1.000	6.35744	10.73257	11.21856	12.15996	.07029	.11867	1040.70000	1128.03000	92.76590	.01106
.500	1.050	6.76648	11.03102	11.23721	12.15533	.07482	.12197	1042.42999	1127.60001	92.76590	.01106
.500	1.100	6.92061	11.03138	11.24282	12.15447	.07652	.12197	1042.95000	1127.52000	92.76590	.01106
	GRADIENT	9.82689	19.75361	.70050	1.79120	.10866	.21842	64.98219	166.16270	.00000	.00000

RUN NO. 116/ 0 RN/L = 1.01 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
1.010	.600	3.76718	8.38104	11.26823	12.62620	.08281	.18423	1037.23000	1162.23000	92.04910	.02198
1.010	.650	4.77790	10.29275	11.38773	12.68953	.10502	.22625	1048.23000	1168.06000	92.04910	.02198
1.010	.700	6.37111	13.39728	11.59251	12.75287	.14005	.29449	1067.08000	1173.89000	92.04910	.02198
1.010	.750	7.78604	16.87140	11.91810	12.82370	.17115	.37086	1097.05000	1180.41000	92.04910	.02198
1.010	.800	8.40015	17.96460	12.07758	12.84706	.18465	.39469	1111.73000	1182.56000	92.04910	.02198
1.010	.850	8.81382	18.72328	12.20436	12.87031	.19374	.41156	1123.39999	1184.70000	92.04910	.02198
1.010	.900	8.68616	18.67784	12.25379	12.88714	.19093	.41057	1127.95000	1186.25000	92.04910	.02198
1.010	.950	8.67693	17.83735	12.24162	12.90485	.19073	.39209	1126.83000	1187.88000	92.04910	.02198
1.010	1.000	8.63121	16.80257	12.20436	12.92256	.18973	.36934	1123.39999	1189.50999	92.04910	.02198
1.010	1.050	8.69467	16.16080	12.19599	12.93657	.19112	.35524	1122.63000	1190.80000	92.04910	.02198
1.010	1.100	8.87191	15.52358	12.19230	12.94309	.19502	.34123	1122.28999	1191.39999	92.04910	.02198
	GRADIENT	9.09796	13.09925	1.91132	.59713	.19999	.28794	175.93542	54.96444	.00008	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (P4XP26) (20 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 30.079
BETA = -.005 V-INF = 3802.675
RHO = .001 MU-INF = .000
Y(PP1) = .002

RUN NO. 112/ 0 RN/L = 1.98 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
1.975	.600	9.32178	16.68771	12.29358	13.29266	.42081	.75333	1173.03000	1268.36000	95.41810	.04514
1.975	.650	11.07410	19.08989	12.60421	13.39232	.49992	.86178	1202.67000	1277.87000	95.41810	.04514
1.975	.700	12.25503	20.81251	12.84662	13.47952	.55323	.93954	1225.80000	1286.19000	95.41810	.04514
1.975	.750	12.48324	21.42848	12.96452	13.48130	.56353	.96735	1237.05000	1286.36000	95.41810	.04514
1.975	.800	12.12001	20.83020	12.96808	13.45468	.54714	.94034	1237.39000	1283.82001	95.41810	.04514
1.975	.850	11.97820	19.94143	12.96274	13.46715	.54073	.90022	1236.88000	1285.00999	95.41810	.04514
1.975	.900	11.66566	18.64996	12.90908	13.48308	.52662	.84192	1231.75999	1286.53000	95.41810	.04514
1.975	.950	11.65230	17.69956	12.87334	13.49912	.52602	.79901	1228.35001	1288.06000	95.41810	.04514
1.975	1.000	11.60567	17.39369	12.82157	13.50981	.52392	.78520	1223.41000	1289.08000	95.41810	.04514
1.975	1.050	11.93130	17.71484	12.78217	13.52940	.53862	.79970	1219.64999	1290.95000	95.41810	.04514
1.975	1.100	12.29461	18.17458	12.78489	13.52762	.55502	.82046	1219.91000	1290.78000	95.41810	.04514
	GRADIENT	2.58705	-3.26550	.51854	.34148	.11679	-.14741	49.47730	32.58262	.00008	.00000

RUN NO. 107/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
2.991	.600	11.54782	18.51930	12.95039	13.35686	.79571	1.27608	1243.17999	1282.20000	95.99560	.06891
2.991	.650	13.49962	19.93167	13.09050	13.50541	.93020	1.37340	1256.63000	1296.46001	95.99560	.06891
2.991	.700	13.56333	20.55136	13.19498	13.68115	.93459	1.41610	1265.66000	1313.33000	95.99560	.06891
2.991	.750	13.36013	20.14777	13.19498	13.68469	.92058	1.38829	1266.66000	1313.67000	95.99560	.06891
2.991	.800	12.99418	19.35465	13.16487	13.64417	.89537	1.33364	1263.77000	1309.78000	95.99560	.06891
2.991	.850	12.95190	18.50392	13.11966	13.63708	.89246	1.27502	1259.42999	1309.10001	95.99560	.06891
2.991	.900	12.89924	17.76827	13.05143	13.63177	.88883	1.22433	1252.88000	1308.59000	95.99560	.06891
2.991	.950	13.35460	18.12833	12.98403	13.65917	.92020	1.24914	1246.41000	1311.22000	95.99560	.06891
2.991	1.000	13.69242	18.48839	12.94153	13.66708	.94348	1.27395	1242.33000	1311.98000	95.99560	.06891
2.991	1.050	13.73580	18.67560	12.93976	13.64938	.94647	1.28685	1242.16000	1310.28000	95.99560	.06891
2.991	1.100	13.76761	18.96383	12.97164	13.62115	.94866	1.30671	1245.22000	1307.57001	95.99560	.06891
	GRADIENT	2.24091	-2.65742	-.32588	.32577	.15441	-.18311	-31.28290	31.27128	.00008	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (P4XP26) (20 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 30.079
BETA = -.005 V-INF = 3802.675
RHO = .001 MU-INF = .000
Y(PPI) = .002

RUN NO. 103/ 0 RN/L = 3.64 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
3.644	.600	10.60590	17.46734	13.08472	13.19592	.92237	1.51910	1287.30000	1298.24001	98.38190	.08697
3.644	.650	11.86494	18.89051	13.17265	13.26667	1.03187	1.64287	1295.95000	1305.20000	98.38190	.08697
3.644	.700	12.18552	19.51764	13.19247	13.51549	1.05975	1.69741	1297.89999	1329.67999	98.38190	.08697
3.644	.750	12.29981	19.27721	13.18738	13.72112	1.06969	1.67650	1297.39999	1349.91000	98.38190	.08697
3.644	.800	12.55209	18.63708	13.16411	13.67640	1.09163	1.62083	1295.11000	1345.50999	98.38190	.08697
3.644	.850	12.83863	18.11114	13.12355	13.62649	1.11655	1.57509	1291.12000	1340.60001	98.38190	.08697
3.644	.900	13.45840	18.41884	13.09245	13.62822	1.17045	1.60185	1288.06000	1340.77000	98.38190	.08697
3.644	.950	14.13577	19.32078	13.07344	13.68758	1.22936	1.68029	1286.19000	1346.61000	98.38190	.08697
3.644	1.000	14.45670	19.44577	13.06917	13.68849	1.25727	1.69116	1285.77000	1346.70000	98.38190	.08697
3.644	1.050	14.47785	19.63814	13.11664	13.67813	1.25911	1.70789	1290.44000	1345.67999	98.38190	.08697
3.644	1.100	14.68368	19.68287	13.17011	13.66095	1.27701	1.71178	1295.70000	1343.99001	98.38190	.08697
	GRADIENT	7.67860	2.49482	-.08482	.79541	.66779	.21697	-8.34516	78.25342	.00008	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (P4XP27) (20 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.980 ALPHA = 30.118
BETA = -.002 V-INF = 3806.700
RHO = .001 MU-INF = .000
Y(PPI) = -.234

RUN NO. 124/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
1.997	.600	20.02125	6.99271	12.84803	13.33562	.90341	.31553	1216.58000	1262.75000	94.69000	.04512
1.997	.650	21.19837	8.98028	12.97772	13.47112	.95652	.40521	1228.86000	1275.58000	94.69000	.04512
1.997	.700	21.62625	10.56280	13.02904	13.54018	.97583	.47662	1233.72000	1282.12000	94.69000	.04512
1.997	.750	21.17428	11.25186	13.03717	13.55455	.95543	.50771	1234.49001	1283.48000	94.69000	.04512
1.997	.800	19.84462	11.40394	12.97687	13.53121	.89543	.51457	1228.78000	1281.27000	94.69000	.04512
1.997	.850	18.50373	11.48982	12.93811	13.49351	.83493	.51845	1225.11000	1277.70000	94.69000	.04512
1.997	.900	17.01875	11.34237	12.86693	13.41103	.76793	.51179	1218.37000	1269.89000	94.69000	.04512
1.997	.950	15.93711	11.39516	12.79216	13.30510	.71912	.51418	1211.28999	1259.86000	94.69000	.04512
1.997	1.000	15.62901	11.72748	12.75837	13.23857	.70522	.52917	1208.09000	1253.56000	94.69000	.04512
1.997	1.050	15.42729	12.31950	12.67652	13.19189	.69612	.55588	1200.34000	1249.14000	94.69000	.04512
1.997	1.100	15.60244	12.90497	12.65656	13.18112	.70402	.58230	1198.45000	1248.12000	94.69000	.04512
	GRADIENT	-13.90366	8.47950	-.64982	-.62060	-.62736	.38261	-61.53210	-58.76480	.00008	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (P4XP28) (20 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 35.066
BETA = -.001 V-INF = 3799.543
RHO = .001 MU-INF = .000
Y(PP1) = -.000

RUN NO. 122/ 0 RN/L = .50 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
.495	.600	1.19791	1.98874	10.69770	10.36880	.01326	.02202	998.73000	968.02400	93.35930	.01107
.495	.650	1.10675	2.03279	10.64148	10.36220	.01225	.02250	993.48100	967.40800	93.35930	.01107
.495	.700	1.14198	2.48041	10.61145	10.90057	.01264	.02746	990.67800	1017.67000	93.35930	.01107
.495	.750	1.23157	3.11656	10.61709	11.37337	.01363	.03450	991.20400	1061.81000	93.35930	.01107
.495	.800	.63393	4.82855	10.65835	11.81436	.00702	.05345	995.05600	1102.98000	93.35930	.01107
.495	.850	1.50314	8.01506	10.81649	12.10474	.01664	.08873	1009.82000	1130.09000	93.35930	.01107
.495	.900	2.83311	12.94190	10.97791	12.21399	.03136	.14327	1024.89000	1140.28999	93.35930	.01107
.495	.950	3.80277	14.07519	11.08492	12.21217	.04210	.15582	1034.88000	1140.12000	93.35930	.01107
.495	1.000	5.16978	15.83628	11.19364	12.22685	.05723	.17531	1045.03000	1141.49001	93.35930	.01107
.495	1.050	6.65330	16.63662	11.29464	12.24431	.07365	.18417	1054.46001	1143.12000	93.35930	.01107
.495	1.100	8.34240	17.19251	11.38076	12.27001	.09235	.19033	1062.50000	1145.52000	93.35930	.01107
	GRADIENT	14.06065	37.18769	1.64177	4.19829	.15566	.41168	153.27434	391.94925	.00008	.00000

RUN NO. 117/ 0 RN/L = 1.01 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
1.005	.600	2.41584	9.35466	11.31440	12.37579	.05284	.20462	1041.48000	1139.17999	92.04910	.02187
1.005	.650	3.07364	12.57750	11.58034	12.37850	.06723	.27512	1065.96001	1139.42999	92.04910	.02187
1.005	.700	5.27172	16.85762	12.28540	12.40458	.11531	.36874	1130.86000	1141.83000	92.04910	.02187
1.005	.750	8.87391	19.88521	12.61501	12.48562	.19411	.43497	1161.20000	1149.28999	92.04910	.02187
1.005	.800	13.31537	22.71099	12.79382	12.66161	.29126	.49678	1177.66000	1165.49001	92.04910	.02187
1.005	.850	16.98453	24.66551	12.76036	12.92256	.37152	.53953	1174.58000	1189.50999	92.04910	.02187
1.005	.900	18.73594	25.00176	12.71930	13.02251	.40983	.54689	1170.80000	1198.71001	92.04910	.02187
1.005	.950	19.59139	24.24863	12.65781	12.97949	.42854	.53041	1165.14000	1194.75000	92.04910	.02187
1.005	1.000	19.55925	23.23605	12.60382	12.95059	.42784	.50826	1160.17000	1192.09000	92.04910	.02187
1.005	1.050	18.49839	22.69115	12.56938	12.94679	.40463	.49634	1157.00000	1191.74001	92.04910	.02187
1.005	1.100	17.83980	22.45027	12.57687	12.94222	.39023	.49108	1157.69000	1191.32001	92.04910	.02187
	GRADIENT	37.91578	24.74280	2.04271	1.47128	.82937	.54122	188.02993	135.42925	.00008	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (P4XP28) (20 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 35.066
BETA = -.001 V-INF = 3793.543
RHO = .001 MU-INF = .000
Y(PPI) = -.000

RUN NO. 113/ 0 RN/L = 2.00 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
1.997	.600	6.17802	12.90753	13.14264	12.88497	.27838	.58161	1243.52000	1219.14000	94.61720	.04506
1.997	.650	9.79931	14.53532	13.35846	12.91023	.44156	.65496	1263.94000	1221.53000	94.61720	.04506
1.997	.700	14.09666	17.57933	13.51467	12.89396	.63519	.79212	1278.72000	1219.99001	94.61720	.04506
1.997	.750	18.10093	21.57535	13.56677	12.99320	.81563	.97218	1283.64999	1229.38000	94.61720	.04506
1.997	.800	19.59050	23.27413	13.51467	13.25055	.88275	1.04873	1278.72000	1253.73000	94.61720	.04506
1.997	.850	19.88795	23.45056	13.44290	13.53982	.89615	1.05668	1271.92999	1281.10001	94.61720	.04506
1.997	.900	19.51072	23.07573	13.36565	13.58654	.87915	1.03979	1264.62000	1285.52000	94.61720	.04506
1.997	.950	18.87368	22.41439	13.30001	13.50389	.85045	1.00999	1258.41000	1277.70000	94.61720	.04506
1.997	1.000	18.00361	21.61314	13.23892	13.45453	.81124	.97389	1252.63000	1273.03000	94.61720	.04506
1.997	1.050	17.66398	21.12162	13.20923	13.43572	.79594	.95174	1249.82001	1271.25000	94.61720	.04506
1.997	1.100	17.25115	20.51554	13.17858	13.41416	.77734	.92443	1246.92000	1269.21001	94.61720	.04506
	GRADIENT	18.18380	14.17572	-.35036	1.41582	.81936	.63876	-33.14983	133.96070	.00008	.00000

RUN NO. 108/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
3.000	.600	9.02873	14.09226	13.40335	13.21560	.62315	.97263	1285.69000	1267.67999	95.92300	.06902
3.000	.650	12.58273	16.54344	13.59966	13.20319	.86845	1.14181	1304.52000	1266.49001	95.92300	.06902
3.000	.700	16.30481	19.68041	13.70391	13.22707	1.12534	1.35832	1314.52000	1268.78000	95.92300	.06902
3.000	.750	17.89684	21.62321	13.68712	13.44401	1.23522	1.49241	1312.91000	1289.59000	95.92300	.06902
3.000	.800	17.79542	21.89661	13.61384	13.70214	1.22822	1.51128	1305.88000	1314.35001	95.92300	.06902
3.000	.850	17.39002	21.39269	13.55368	13.73748	1.20024	1.47650	1300.11000	1317.74001	95.92300	.06902
3.000	.900	16.79641	20.64435	13.49176	13.65887	1.15927	1.42485	1294.17000	1310.20000	95.92300	.06902
3.000	.950	16.47781	19.80936	13.44485	13.62437	1.13728	1.36722	1289.67000	1306.89000	95.92300	.06902
3.000	1.000	16.23164	19.21908	13.40690	13.61029	1.12029	1.32648	1286.03000	1305.53999	95.92300	.06902
3.000	1.050	16.15920	18.70096	13.38386	13.59872	1.11529	1.29072	1283.82001	1304.42999	95.92300	.06902
3.000	1.100	16.10110	18.21139	13.36436	13.58371	1.11128	1.25693	1281.95000	1302.99001	95.92300	.06902
	GRADIENT	8.29294	4.17488	-.46468	.88905	.57237	.28815	-44.57383	85.28079	.00004	-.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (P4XP28) (20 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 35.066
BETA = -.001 V-INF = 3793.543
RHO = .001 MU-INF = .000
Y(PP1) = -.000

RUN NO. 104/ 0 RN/L = 3.66 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
3.662	.650	13.98206	17.04054	13.70754	13.26258	1.21270	1.47797	1341.62000	1298.07001	97.87460	.08673
3.662	.700	16.57324	20.01785	13.75597	13.35791	1.43744	1.73620	1346.36000	1307.39999	97.87460	.08673
3.662	.750	16.96456	21.30030	13.68159	13.73349	1.47138	1.84743	1339.08000	1344.16000	97.87460	.08673
3.662	.800	16.60725	20.73891	13.61937	13.83720	1.44039	1.79874	1332.99001	1354.31000	97.87460	.08673
3.662	.850	16.38842	20.02880	13.58994	13.75423	1.42141	1.73715	1330.11000	1346.19000	97.87460	.08673
3.662	.900	16.14618	19.19232	13.55009	13.69977	1.40040	1.66460	1326.21001	1340.86000	97.87460	.08673
3.662	.950	16.00759	18.52775	13.52935	13.68506	1.38838	1.60696	1324.17999	1339.42000	97.87460	.08673
3.662	1.000	15.96113	18.12652	13.51811	13.67811	1.38435	1.57216	1323.08000	1338.74001	97.87460	.08673
3.662	1.050	15.92619	17.66798	13.50156	13.66514	1.38132	1.53239	1321.47000	1337.47000	97.87460	.08673
3.662	1.100	15.79844	17.27759	13.48951	13.65043	1.37024	1.49853	1320.28000	1336.03000	97.87460	.08673
	GRADIENT	.57698	-4.56414	-.59024	.58831	.05004	-.39586	-57.77028	57.57994	.00012	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (P4XP29) (20 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 39.984
BETA = .002 V-INF = 3801.570
RHO = .001 MU-INF = .000
Y(PP1) = .001

RUN NO. 123/ 0 RN/L = .49 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
.495	.600	.91170	1.74078	10.31909	10.35020	.01009	.01926	964.14900	967.05500	33.43350	.01107
.495	.650	.86523	1.73052	10.27098	10.22755	.00957	.01915	959.65400	955.59600	93.43350	.01107
.495	.700	.89137	1 69365	10.26815	10.16895	.00986	.01874	959.38900	950.12100	93.43350	.01107
.495	.750	.93559	1.71962	10.27476	10.13300	.01035	.01903	960.00700	946.76200	93.43350	.01107
.495	.800	1.04329	1.77271	10.28514	10.17936	.01154	.01962	960.97700	951.09300	93.43350	.01107
.495	.850	.44460	1.89614	10.28137	10.34549	.00492	.02098	960.62400	966.61500	93.43350	.01107
.495	.900	1.11777	2.38513	10.30966	10.58053	.01237	.02639	963.26800	988.57600	93.43350	.01107
.495	.950	1.53258	3.11113	10.35774	10.93195	.01696	.03443	967.76000	1021.41000	93.43350	.01107
.495	1.000	2.07566	5.01449	10.45557	11.49545	.02297	.05549	976.99400	1074.06000	93.43350	.01107
.495	1.050	2.61864	7.60875	10.61240	11.84725	.02898	.08420	991.55400	1106.92999	93.43350	.01107
.495	1.100	3.23402	10.14929	10.81636	12.05296	.03579	.11231	1010.51000	1126.14999	93.43350	.01107
	GRADIENT	4.26301	14.34788	.83777	3.81294	.04717	.15877	78.27667	356.25616	.00008	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (P4XP29) (20 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 39.984
BETA = .002 V-INF = 3801.570
RHO = .001 MU-INF = .000
Y(PP1) = .001

RUN NO. 118/ 0 RN/L = 1.00 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
1.003	.600	1.45979	1.08992	10.71486	10.82831	.03181	.02375	984.71800	995.14400	91.90210	.02179
1.003	.650	1.50512	1.28078	10.65279	11.19082	.03279	.02791	979.01400	1028.46001	91.90210	.02179
1.003	.700	1.58734	1.79999	10.65947	11.76861	.03458	.03922	979.62800	1081.56000	91.90210	.02179
1.003	.750	1.39386	3.33076	10.73871	12.37132	.03037	.07257	986.91000	1136.95000	91.90210	.02179
1.003	.800	2.19417	7.14282	10.95481	12.69024	.04781	.15563	1006.77000	1166.25999	91.90210	.02179
1.003	.850	2.64366	9.89090	11.19267	12.79383	.05760	.21550	1028.63000	1175.78000	91.90210	.02179
1.003	.900	3.90635	14.26691	11.72639	12.84138	.08511	.31085	1077.67999	1180.14999	91.90210	.02179
1.003	.950	5.01774	16.72424	11.98852	12.86848	.10933	.36439	1101.77000	1182.64000	91.90210	.02179
1.003	1.000	7.31397	19.65160	12.32834	12.88904	.15936	.42817	1133.00000	1184.53000	91.90210	.02179
1.003	1.050	10.26666	22.67015	12.66130	12.91516	.22369	.49394	1163.60001	1186.92999	91.90210	.02179
1.003	1.100	13.81969	26.17549	12.89089	12.96945	.30110	.57031	1184.70000	1191.92000	91.90210	.02179
	GRADIENT	22.36098	54.26382	4.94400	4.01998	.48720	1.18229	454.36365	369.44475	.00004	.00000

RUN NO. 114/ 0 RN/L = 1.99 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
1.994	.600	2.16868	7.83463	11.87107	12.73878	.09792	.35376	1125.80000	1208.09000	94.83560	.04515
1.994	.650	2.75212	10.74087	12.38807	12.75629	.12427	.48499	1174.83000	1209.75000	94.83560	.04515
1.994	.700	4.11452	13.01963	12.82113	12.81934	.18578	.56788	1215.89999	1215.73000	94.83560	.04515
1.994	.750	6.63537	14.90037	13.09624	12.84454	.29961	.67280	1241.99001	1218.12000	94.83560	.04515
1.994	300	11.27379	16.25121	13.33307	12.86426	.50905	.73380	1264.45000	1219.99001	94.83560	.04515
1.994	.850	15.62873	18.20029	13.45855	12.87692	.70569	.82181	1276.35001	1221.19000	94.83560	.04515
1.994	.900	20.14486	21.71260	13.56231	12.91466	.90961	.98040	1286.19000	1224.77000	94.83560	.04515
1.994	.950	23.29188	26.30494	13.62769	13.14106	1.05171	1.18776	1292.39000	1246.24001	94.83560	.04515
1.994	1.000	23.97776	28.43877	13.66259	13.45855	1.08268	1.28411	1295.70000	1276.35001	94.83560	.04515
1.994	1.050	23.93347	28.17500	13.69654	13.66080	1.08068	1.27220	1298.92000	1295.53000	94.83560	.04515
1.994	1.100	23.60149	26.81099	13.68937	13.55609	1.06569	1.21061	1298.24001	1285.60001	94.83560	.04515
	GRADIENT	53.39329	43.48111	3.29854	1.86650	2.41089	1.96332	312.81870	177.00947	.00012	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (P4XP29) (20 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.962 ALPHA = 39.984
BETA = .002 V-INF = 3801.570
RHO = .001 MU-INF = .000
Y(PPI) = .001

RUN NO. 109/ 0 RN/L = 2.99 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
2.987	.600	2.58069	9.33732	12.75808	13.00774	.17814	.64455	1227.50000	1251.52000	96.21350	.06903
2.987	.650	3.81969	11.10424	13.09619	13.05732	.26367	.76652	1260.03000	1256.28999	96.21350	.06903
2.987	.700	6.47968	12.52416	13.33022	13.11562	.44729	.86453	1288.32001	1261.89999	96.21350	.06903
2.987	.750	10.71267	13.66748	13.56743	13.13412	.73949	.94346	1305.37000	1263.67999	96.21350	.06903
2.987	.800	14.31254	15.02596	13.69423	13.14566	.98798	1.03723	1317.57001	1264.78999	96.21350	.06903
2.987	.850	18.25271	19.01224	13.76647	13.12269	1.25997	1.31240	1324.52000	1262.58000	96.21350	.06903
2.987	.900	19.72890	23.41545	13.78227	13.25521	1.36187	1.61635	1326.03999	1275.33000	96.21350	.06903
2.987	.950	20.10511	24.78256	13.81927	13.66960	1.38784	1.71072	1329.60001	1315.20000	96.21350	.06903
2.987	1.000	20.19203	24.26451	13.84213	13.82810	1.39384	1.67496	1331.80000	1330.45000	96.21350	.06903
2.987	1.050	20.45250	23.73199	13.82893	13.74973	1.41182	1.63820	1330.53000	1322.91000	96.21350	.06903
2.987	1.100	20.49596	22.95507	13.78227	13.74007	1.41482	1.58457	1326.03999	1321.98000	96.21350	.06903
	GRADIENT	40.26267	33.53461	1.81806	1.77261	2.77931	2.31487	174.92302	170.54803	.00012	.00000

RUN NO. 105/ 0 RN/L = 3.67 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
3.669	.600	2.94706	9.27858	13.01713	13.20080	.25636	.80713	1274.99001	1292.98000	97.94710	.08699
3.669	.650	4.89645	11.00199	13.32382	13.26492	.42594	.95705	1305.03000	1299.25999	97.94710	.08699
3.669	.700	7.79870	12.27840	13.52107	13.29350	.67840	1.06808	1324.35001	1302.06000	97.94710	.08699
3.669	.750	12.26829	14.00266	13.71383	13.29697	1.06720	1.21807	1343.23000	1302.39999	97.94710	.08699
3.669	.800	15.67931	16.82337	13.82695	13.26410	1.36392	1.46344	1354.31000	1299.17999	97.94710	.08699
3.669	.850	17.81580	20.76320	13.84768	13.27186	1.54977	1.80616	1356.34000	1299.94000	97.94710	.08699
3.669	.900	18.84973	23.66405	13.88392	13.61265	1.63971	2.05850	1359.89000	1333.32001	97.94710	.08699
3.669	.950	19.20576	23.70969	13.90383	13.92017	1.67068	2.06247	1361.84000	1363.44000	97.94710	.08699
3.669	1.000	19.30887	22.93303	13.88913	13.87872	1.67965	1.99491	1360.39999	1359.38000	97.94710	.08699
3.669	1.050	19.46913	22.29295	13.85115	13.84421	1.69359	1.93323	1356.67999	1356.00000	97.94710	.08699
3.669	1.100	19.54914	21.73310	13.80531	13.83727	1.70055	1.89053	1352.19000	1355.32001	97.94710	.08699
	GRADIENT	35.06853	30.11908	1.38026	1.60911	3.05056	2.62001	135.19100	157.60769	.00004	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (P4XP30) (20 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.940 ALPHA = 39.980
BETA = .000 V-INF = 3734.430
RHO = .001 MU-INF = .000
Y(PPI) = -.244

RUN NO. 119/ 0 RN/L = 1.01 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
1.011	.600	.70556	1.60782	10.84048	10.54889	.01553	.03539	997.85600	971.01600	92.04910	.02201
1.011	.650	.81407	1.61631	10.79485	10.47047	.01792	.03558	993.65600	963.79700	92.04910	.02201
1.011	.700	.99527	1.68345	10.82527	10.55462	.02191	.03706	996.45600	971.54300	92.04910	.02201
1.011	.750	.96250	1.91708	10.89647	10.85283	.02119	.04220	1003.01000	998.99300	92.04910	.02201
1.011	.800	1.97204	2.57216	11.00652	11.29267	.04341	.05662	1013.14000	1039.48000	92.04910	.02201
1.011	.850	2.85804	3.33015	11.12667	11.68996	.06292	.07331	1024.20000	1076.05000	92.04910	.02201
1.011	.900	4.55727	4.99042	11.35677	12.18382	.10032	.10986	1045.38000	1121.50999	92.04910	.02201
1.011	.950	6.50659	7.90966	11.68529	12.57590	.15204	.17412	1075.62000	1157.60001	92.04910	.02201
1.011	1.000	10.33329	12.53938	12.17926	12.82370	.22747	.27604	1121.09000	1180.41000	92.04910	.02201
1.011	1.050	13.16459	14.85459	12.47160	12.92071	.28980	.32700	1148.00000	1189.34000	92.04910	.02201
1.011	1.100	16.29983	18.90613	12.81436	13.04021	.35882	.41619	1179.55000	1200.34000	92.04910	.02201
	GRADIENT	30.88378	33.89377	4.10297	6.07312	.67986	.74612	377.67434	559.02491	.00008	.00000

OH400 (AEDC V41B-65) PROBES (WITH .0175 MODEL) (P4XP31) (20 FEB 80)

REFERENCE DATA

SREF = .0000 SQ.FT. XMRP = .0000 IN. XO
LREF = .0000 INCHES YMRP = .0000 IN. YO
BREF = .0000 INCHES ZMRP = .0000 IN. ZO
SCALE = .0175

PARAMETRIC DATA

MACH = 7.990 ALPHA = 39.990
BETA = .001 V-INF = 3839.110
RHO = .002 MU-INF = .000
Y(PPI) = -.500

RUN NO. 110/ 0 RN/L = 3.00 GRADIENT INTERVAL = -5.00/ 5.00

RN/L	Z/BV	PP1/PI	PP2/PI	TT1/TI	TT2/TI	PP1	PP2	TT1	TT2	T-INF	P-INF
2.998	.600	7.27992	2.50365	12.29969	12.49465	.50335	.17311	1181.61000	1200.34000	96.06830	.06914
2.998	.650	11.43808	3.93131	12.89093	12.93882	.79086	.27597	1238.41000	1243.00999	96.06830	.06914
2.998	.700	14.23826	6.93417	13.29637	13.26639	.98447	.47945	1277.36000	1274.48000	96.06830	.06914
2.998	.750	15.82235	11.22842	13.56316	13.50497	1.09400	.77636	1302.99001	1297.39999	96.06830	.06914
2.998	.800	17.35454	15.73282	13.71941	13.67256	1.19994	1.08781	1318.00000	1313.50000	96.06830	.06914
2.998	.850	19.13232	18.73603	13.77312	13.72461	1.32286	1.29546	1323.16000	1318.50000	96.06830	.06914
2.998	.900	21.16970	19.98606	13.72992	13.75376	1.46373	1.38189	1319.00999	1321.30000	96.06830	.06914
2.998	.950	24.07398	20.58945	13.67787	13.78727	1.66454	1.42361	1314.00999	1324.52000	96.06830	.06914
2.998	1.000	25.47557	20.69011	13.64789	13.78727	1.76145	1.43057	1311.13000	1324.52000	96.06830	.06914
2.998	1.050	25.41758	20.84790	13.64612	13.76781	1.75744	1.44148	1310.96001	1322.64999	96.06830	.06914
2.998	1.100	25.11415	20.94842	13.64259	13.71493	1.73646	1.44843	1310.62000	1317.57001	96.06830	.06914
	GRADIENT	36.20352	40.70785	2.00543	2.11379	2.50321	2.81465	192.65738	203.06866	.00008	.00000