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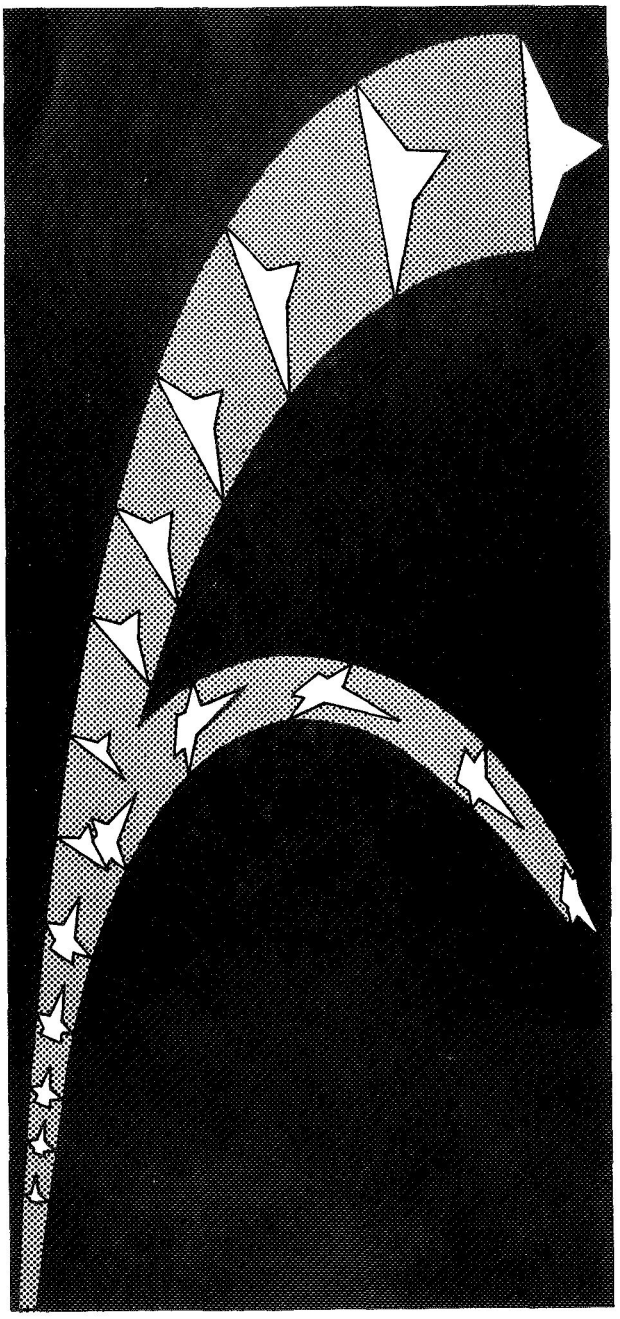

—SPACE SHUTTLE—

CASE FILE COPY

MSC ORBITER (S-5) (AUGUST 1969 CONFIGURATION) LONGITUDINAL AND LATERAL STABILITY INVESTIGATION

WIND TUNNEL TEST RESULTS

DATA REPORT

AUGUST, 1970

CONTRACT NAS8-4016

SCHEDULE II

DRL 184-58

SADSAC SPACE SHUTTLE
AEROTHERMODYNAMIC
DATA MANAGEMENT SYSTEM

OCT 1971
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SPACE DIVISION CHRYSLER CORPORATION

REPORT NUMBER: DMS-DR-1007

PUBLISHED: August, 1970

SPACE SHUTTLE
WIND TUNNEL TEST
DATA REPORT

(MSC TEST SERIES S-XVI)

TEST FACILITY: MAC/DAC LSWT

CONFIGURATION: MSC (August 1969 Configuration) Orbiter; (S-5)

MODEL SCALE: 0.01875

TEST PURPOSE: Longitudinal and Lateral Stability Investigation

MACH NUMBER RANGE: 0.16 and 0.25

TESTS CONDUCTED BY:

MANNED SPACECRAFT CENTER

TEST CONDUCTOR(S) A. M. Whitnah

TEST DATE: 19-23 January, 1970

(This report has been prepared by Chrysler Corporation Space Division, under a Data Management Contract to NASA. Chrysler assumes no responsibility for the data presented herein other than its display characteristics.)

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ABSTRACT

Information for the wind tunnel force and moment test on a 0.01875 scale, (S-5) model of the MSC Orbiter Shuttle (August configuration) at the McDonnell-Douglas Low Speed Wind Tunnel is presented in this document. This test was conducted from January 19 through January 23, 1970. The primary objective was to obtain data describing the longitudinal and lateral stability characteristics of the MSC orbiter configuration for an angle-of-attack range from -30° to 90° and a sideslip-angle range from -10° to 10°. Data were also collected for two possible wing positions and for several horizontal stabilizers. Elevator power was determined for control during subsonic cruise. These data were collected at Mach numbers 0.16 and 0.25.

TEST CONDITIONS

The model was installed in the wind tunnel on a single support system (see Figure 10). The model was attached to a sting which was connected perpendicular to, and upstream of, a single floor-mounted strut. In this arrangement the model and sting-tunnel centerline was assumed to be coincident. Upon installation, the model was rolled +90 degrees so that the wings were in the tunnel's vertical plane. In this attitude, angle of attack was achieved by rotating the model in the tunnel horizontal plane (mechanically rotating the sting-strut assembly, which is mounted on a turntable). Angle of sideslip was achieved by off-setting the sting in the tunnel's vertical plane. This was done by manually rotating the sting about the sting-strut attach point and locked at prescribed settings via a drift pin.

For the sideslip evaluation, the model was rolled back to zero placing the model in an upright position. In this attitude, angle of sideslip is measured in the tunnel's horizontal plane by mechanically rotating the sting-strut turntable. Angle of attack was achieved by off-setting the sting in the tunnel's vertical plane and locked with a drift pin.

Prior to each test, the output signal from each of the balance strain gauges were nulled and recorded as tare measurements. Additionally, the tare measurements were also recorded after each test.

It was found that an angle of attack greater than 40°, with the dynamic pressure (q) = 91 psf, produced a load which approached the balance limitations. Consequently, two sets of data were taken:

1) with q = 40 psf, α range from -10° to 90°

2) with q = 91 psf, α range from -30° to 40°

Angle of sideslip, (β), was evaluated by two methods:

1) for α from 0° to 20°, β varied from -10° to 10° at $> \Delta\beta = 1°$

2) for α from -10° to 90°, β varied from 0° to 10° at $> \Delta\beta = 5°$

TEST CONDITIONS
TEST LSWT 223

MACH NUMBER	REYNOLDS NUMBER per unit length	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.17	1.20×10^6	0.2778	35
0.25	1.80×10^6	0.6319	35

BALANCE UTILIZED: TASK CORP. MK. XXVII

	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF	400 lbs.	0.5% F.S.	
SF	400 lbs.		
AF	50 lbs.		
PM	60 in. lbs.		
YM	60 in. lbs.		
RM	60 in. lbs.		

COMMENTS:

DATA REDUCTION

Force and moment data were recorded in the body axis system and reduced to coefficient form using the following reference values;

S_{ref} = wing planform area = 46.2 in^2 = .3208 ft^2
l_{ref} = $\bar{c}$, wing mean aerodynamic chord = 2.773 in = .2317 ft.
b_{ref} = b, wing span = 18 in. = 1.5 ft.

Moments are referenced about the wing mean aerodynamic chord quarter point ($\bar{C}/4$) with the wing in either fuselage location. This longitudinal point is at fuselage station 13.837. The vertical and lateral reference points are water line 2.4 and buttock line 0.0 respectively.

Axial force correction (for base pressure to free stream pressure), sting deflection (for angular data), and tunnel correction (flow angularity and blockage) are accounted for in the data reduction program.

CONFIGURATIONS INVESTIGATED

NOMENCLATURE

B1	=	Baseline orbiter fuselage configuration of 15 August 1969 (also termed 12.5 orbiter and 242 orbiter)
W1	=	May '69 baseline orbiter wing configuration
V3	=	Aug '69 baseline orbiter vertical tail configuration
H6	=	Aug '69 baseline orbiter horizontal tail configuration
H12	=	MAC designed horizontal tail (enlarged H6)
H13	=	MAC designed tapered/split horizontal tail

Refer to the following pages for dimensional data on the above components.

COMBINATIONS TESTED

B1	B1W1V3H12
B1W1	B1W1V3H13
B1W1V3	B1W1H6
B1W1V3*	B1H6
B1W1V3H6	B1V3H6
B1W1V3H6*	B1V3H13

Figures 2 through 9 are drawings of the configurations tested. Trip strip (0.1 inch wide and grit size 100) were placed at distances of 10% of the chord from the leading edge of the wings, horizontal, and vertical stabilizer, and one-inch aft around the nose, at the base, and on both sides of the fuselage (10% of the height). The above configurations were tested at elevator deflections, positive with trailing edge down, of -20, -10, 0, 2, 10, 20, and 30 degrees at a tail incidence angle of zero degree and at tail incidence angles of -10, -5, and 0 degrees at zero elevator deflection. Data were also taken at tail dihedral angles of 0 and 15 degrees.

* Wings $\bar{c}/4$ located at 54.71% of the body length; on all other configurations tested the wings $\bar{c}/4$ was located at 53.47% of the body length.

MODEL COMPONENT: BODY - B1

GENERAL DESCRIPTION: MSC ORBITER S-5; 0.01875 SCALE

DRAWING NUMBER: SDY 37100150

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length, inches	1380.0	25.87
Max. Width, inches	230.0	4.31
Max. Depth, inches	256.0	4.8
Fineness Ratio (Length/Width)	5.565	5.565
Area		
Max. Cross-Sectional	308.0	0.1335
Planform	—	—
Wetted	—	—
Base, ft^2	160.3	0.0563

MODEL COMPONENT: WING (W1)

GENERAL DESCRIPTION: MSC ORBITER S-5, 0.01875 scale

DRAWING NUMBER: SDY 37100106

DIMENSIONS:

		FULL-SCALE	MODEL SCALE
TOTAL DATA			
Area, ft^2			
Planform		916.6	0.321
Wetted		1295.0	0.455
Span (equivalent)		80.0	1.5
Aspect Ratio		7.03	7.03
Rate of Taper $(C_R - C_T) \div b/2$		0.142	0.142
Taper Ratio		0.33	0.33
Diehedral Angle, degrees		7.0	7.0
Incidence Angle, degrees		4.0	4.0
Aerodynamic Twist, degrees		0.0	0.0
Toe-In Angle		—	—
Cant Angle		—	—
Sweep Back Angles, degrees			
Leading Edge		14.0	14.0
Trailing Edge		-2.01	-2.01
0.25 Element Line		10.05	10.05
Chords: inches			
Root (Wing Sta. 0.0)		204.8	3.84
Tip, (equivalent)		68.3	1.28
MAC, inches		148.3	2.773
Fus. Sta. of .25 MAC		738.0	13.837
W.P. of .25 MAC		200.5	3.76
Airfoil Section			
Root	NACA	0014-64	0014-64
Tip	NACA	0010-64	0010-64
EXPOSED DATA			
Area, ft^2		611.6	0.215
Span, (equivalent) ft.		60.8	1.14
Aspect Ratio		6.04	6.04
Taper Ratio		.394	.394
Chords			
Root		173.3	3.25
Tip		68.3	1.28
MAC		141.1	2.645
Fus. Sta. of .25 MAC		674.3	12.644
W.P. of .25 MAC		272.0	5.10

MODEL COMPONENT: (V3) VERTICAL TAIL

GENERAL DESCRIPTION: MSC ORBITER S-5, 0.01875 scale

DRAWING NUMBER: SG4 37100098

DIMENSIONS:

	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area, in^2		
Planform	34704.0	12.2
Wetted	—	—
Span (equivalent)	15.4 ft	3.468 in
Aspect Ratio	3.94	3.94
Rate of Taper	—	—
Taper Ratio	0.47	0.47
Diehedral Angle, degrees	0.0	0.0
Incidence Angle, degrees	0.0	0.0
Aerodynamic Twist, degrees	0.0	0.0
Toe-In Angle	—	—
Cant Angle	—	—
Sweep Back Angles, degrees		
Leading Edge	45.0	45.0
Trailing Edge	15.0	15.0
0.25 Element Line	42.5	42.5
Chords:		
Root (Wing Sta. 0.0), inches	255.5	4.99
Tip, (equivalent), inches	120.0	2.25
MAC, inches	195.8	3.672
Fus. Sta. of .25 MAC	1231.0	23.082
Z STA. [redacted] of .25 MAC	337.3	6.325
Airfoil Section		
Root	NACA 0012-64	
Tip	NACA 0012-64	

MODEL COMPONENT: HORIZONTAL TAIL (H6) INCLUDING ELEVATOR

GENERAL DESCRIPTION: 0.01875 SCALE MSC ORBITER, S-5

DRAWING NUMBER: SGY 37100086

DIMENSIONS:

	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area		
Planform	56,234.8 in²	19.77 in²
Wetted	—	—
Span (equivalent)	513.0 in	9.62
Aspect Ratio	4.68	4.68
Rate of Taper	—	—
Taper Ratio	.353	.353
Diehedral Angle, degrees	0.0	0.0
Incidence Angle, degrees	0.0	0.0
Aerodynamic Twist, degrees	0.0	0.0
Toe-In Angle	—	—
Cant Angle	—	—
Sweep Back Angles, degrees		
Leading Edge	10.2	10.2
Trailing Edge	-12.9	-12.9
0.25 Element Line	4.5	4.5
Chords:		
Root (Wing Sta. 0.0)	13.5 ft	3.04 in
Tip, (equivalent)	4.77 ft	1.073 in
MAC, inches	118.03	2.213
Fus. Sta. of .25 MAC	1327.5	24.89
W.P. of .25 MAC	108.95	2.024
Airfoil Section		
Root	NACA 0012-64	0012-64
Tip	NACA 0012-64	0012-64
EXPOSED DATA		
Area	48,128 in²	16.92 in²

MODEL COMPONENT: ELEVATOR for H6

GENERAL DESCRIPTION: 0.01875 SCALE MSC ORBITER

DRAWING NUMBER: SG437100086

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area, in^2	15724.1	5.528
Span (equivalent), in	513.1	9.62
Inb'd equivalent chord (℄) in	90.6	1.699
Outb'd equivalent chord in	32.0	0.60
Ratio Elevator chord/horizontal tail chord		
At Inb'd equiv. chord (℄)	.559	.559
At Outb'd equiv. chord	.559	.559
Sweep Back Angles, degrees		
Leading Edge	—	—
Tailing Edge	-12.9	-12.9
Hingeline	0.0	0.0
Area Moment (Normal to hinge line) in^3	81.0×10^4	5.340

MODEL COMPONENT: HORIZONTAL TAIL (H12)

GENERAL DESCRIPTION: _____

DRAWING NUMBER: _____

DIMENSIONS:

	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area		
Planform	494 ft²	24.7 in²
Wetted	47.91 ft	10
Span (equivalent)	42.91 ft	10.78 in
Aspect Ratio		
Rate of Taper		
Taper Ratio		
Diehedral Angle, degrees	0	0
Incidence Angle, degrees	0	0
Aerodynamic Twist, degrees		
Toe-In Angle		
Cant Angle		
Sweep Back Angles, degrees		
Leading Edge	10.2	10.2
Trailing Edge	12.9	12.9
0.25 Element Line		
Chords:		
Root (Wing Sta. 0.0)		
Tip, (equivalent)		
MAC, inches		
Fus. Sta. of .25 MAC		
W.P. of .25 MAC		
Airfoil Section		
Root		
Tip		
EXPOSED DATA		
Area	423.7 ft²	21.35 in²
Span, (equivalent)		
Aspect Ratio		
Taper Ratio		
Chords		
Root		
Tip		
MAC		
Fus. Sta. of .25 MAC		
W.P. of .25 MAC		

MODEL COMPONENT: HORIZONTAL TAIL (H13)

GENERAL DESCRIPTION:

DRAWING NUMBER:

DIMENSIONS:

	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area		
Planform	471.8 ft^2	23.59 in^2
Wetted		
Span (equivalent)	48.67 ft	10.94 in
Aspect Ratio		
Rate of Taper		
Taper Ratio		
Diehedral Angle, degrees	0/15	0/15
Incidence Angle, degrees	0	0
Aerodynamic Twist, degrees		
Toe-In Angle		
Cant Angle		
Sweep Back Angles, degrees		
Leading Edge	30.0	30.0
Trailing Edge	8°20'	8°20'
0.25 Element Line		
Chords:		
Root (Wing Sta. 0.0)		
Tip, (equivalent)		
MAC, inches		
Fus. Sta. of .25 MAC		
W.P. of .25 MAC		
Airfoil Section		
Root		
Tip		
EXPOSED DATA		
Area	429.6 ft^2	21.48 in^2
Span, (equivalent)		
Aspect Ratio		
Taper Ratio		
Chords		
Root		
Tip		
MAC		
Fus. Sta. of .25 MAC		
W.P. of .25 MAC		

TEST FACILITY DESCRIPTION

The McDonnell Low Speed Wind Tunnel is a closed circuit, single return, atmospheric tunnel with a test section 8 1/2-feet high, 12-feet wide, and 18-feet long. It is capable of a maximum continuous velocity of 240 mph with a clear test section.

The tunnel circuit is 412.6-feet long and consists of two 164-foot legs and two 42.3-foot legs. The entrance cone contraction ratio is 7.35 to 1 and the total diffuser angle is 7.5°. Cooling is accomplished by a spray system passing water over the outside tunnel shell.

The main drive motor, housed in a nacelle 30 feet downstream of the third leg of the circuit, is a Westinghouse 1750 hp wound rotor motor equipped with a liquid rheostat for coarse rpm control and a dynamic brake, coupled to the motor shaft, for fine rpm control. The four-bladed fan is 20 feet in diameter.

TEST LSWT 223 DATA SET COLLATION SHEET

☐ PRETEST
☒ POSTTEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	CONTROL DEFLECTION i_t	CONTROL DEFLECTION δ_e	CONTROL DEFLECTION ϕ	CONTROL DEFLECTION WING POS.	NO. of RUNS	MACH NUMBERS .17	MACH NUMBERS .25
RC1F00	B1H6V3W1	A	0	0	0	0	F	1		1
01			5					2	3	2
02		B	0	-5				1		4
03				-10						5
04		C		0	10					12
05					-10					13
06					20					15
07					30					18
08		D			0				31	
09									81	
10		C								82
11		0	AA			-90				83
12		5								84
13		8								85
14		12								86
15		20								87
16		10								88
17		E	0			90			92	
RC1F18	B1H6V3W1		-5						93	

COEFFICIENTS: 1 CL 7 CD 13 CNM 19 CY 25 CWN 31 CSL 37 43 49 55 61 NDV

α or β SCHEDULES

α: A = -30 $\xrightarrow{\Delta 5}$ -10 $\xrightarrow{\Delta 2}$ 20 $\xrightarrow{\Delta 5}$ 90 ; B = -10 $\xrightarrow{\Delta 2}$ 20

C = -10 $\xrightarrow{\Delta 2}$ 20 $\xrightarrow{\Delta 5}$ 40 ; D = -10 $\xrightarrow{\Delta 5}$ 90

E = -10 $\xrightarrow{\Delta 5}$ 90

β: AA = 10 $\xrightarrow{\Delta 2}$ 4 $\xrightarrow{\Delta 1}$ -4 $\xrightarrow{\Delta 2}$ -10

PAGE 1 OF 5

TEST LSWT 223 DATA SET COLLATION SHEET

☐ PRETEST
☒ POSTTEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	CONTROL DEFLECTION i_t	CONTROL DEFLECTION δe	CONTROL DEFLECTION ϕ	CONTROL DEFLECTION WING POS.	NO. of RUNS	MACH NUMBERS .17	MACH NUMBERS .25
RC1A00	B1H6V3W1	B	0	-10	0	0	A	1		6
01				-5						7
02		C		0						8
03			5							9
RC1A04					10					11
RC1040	B1V3W1		0	OFF	OFF					10
41							F			35
RC1042		D							36	
RC1070	B1H12V3W1	C		0	0					14
71					10					16
72					-10					17
73					-20					19
74					20					20
75					-20					29
RC1076					20					30
RC1060	B1H15V3	D			-20		OFF		61	
61		C			20				66	
62					0				67	
63			5						68	
RC1064			0		10				69	

COEFFICIENTS: 1 7 13 19 25 31 37 43 49 55 61

NDV

α or β SCHEDULES

PAGE 2 OF 5

TEST LSWT 223 DATA SET COLLATION SHEET

☐ PRETEST
☒ POSTTEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	CONTROL DEFLECTION i_t	CONTROL DEFLECTION δ_e	CONTROL DEFLECTION Φ	CONTROL DEFLECTION WING POS.	NO. of RUNS	MACH NUMBERS .17	MACH NUMBERS .25
RC1H00	B1H1513V3W1	C	0	0	2	0	F	1		21
01		D							22	
02			5						23	
03		C								24
04			10							25
05			0		10					32
06		D							33	
07					20				37	
08		C								38
09					0					41
10		D							42	
11		C			-20					48
12		D							49	
13			5		-40				73	
RC1H14		C								74
RC1030	B1H6V3	D	0		0		OFF		43	
31		C								44
32			5							45
33		D							46	
RC1034		C	10							47

COEFFICIENTS: 1 7 13 19 25 31 37 43 49 55 61

NDV

α or β SCHEDULES

TEST LSWT 223 DATA SET COLLATION SHEET

☐ PRETEST
☒ POSTTEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	CONTROL DEFLECTION i_t	CONTROL DEFLECTION δ_e	CONTROL DEFLECTION ϕ	CONTROL DEFLECTION WING POS.	NO. of RUNS	MACH NUMBERS .17	MACH NUMBERS .25
RC1G00	B1H013V3W1	C	10	0	2	0	F	1		26
01			5							27
02			0							28
03					10					34
04					20					39
05					0					40
06					-20					50
RC1G07			5		-40					75
RC1050	B1H6W1		0		0					51
51		D							52	
52			5						53	
53		C								54
54			10							55
55		10	AA			-90				89
56		5								90
RC1057		0								91
RC1010	B1W1	C	0	OFF	OFF	0				76
11		D							77	
12			5						78	
RC1013		C								79

COEFFICIENTS: 1 7 13 19 25 31 37 43 49 55 61

NDV

α or β SCHEDULES

PAGE 4 OF 5

TEST LSWT 223 DATA SET COLLATION SHEET

☐ PRETEST
☒ POSTTEST

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	CONTROL DEFLECTION i_t	CONTROL DEFLECTION δ_e	CONTROL DEFLECTION φ	CONTROL DEFLECTION WING POS.	NO. of RUNS	MACH NUMBERS .17	MACH NUMBERS .25
RC1020	B1H6	C	10	0	0	0	OFF	1		56
21			5							57
22		D							58	
23			0						59	
24		C								60
RC1000	B1	D		OFF	OFF				62	
01		C								63
02			5					2		64
RC1003		D						1	80	
RC1080	B1S1V3W1	B	0	OFF	OFF		F		70	
81	B1H1S13S1V3W1			0	0				71	
82			5						72	
83	B1H6S2V3W1	E	0			90			94	
RC1084	B1H6S3V3W1								95	

COEFFICIENTS: 1 7 13 19 25 31 37 43 49 55 61

NDV

α or β SCHEDULES

PAGE 5 OF 5

TEST LSWT 223 DATA SET DESCRIPTOR SHEET

DATA SET IDENTIFIER	DATA SET DESCRIPTOR 1 11 21 31 41	49	CURVE SLOPE RANGE 51 LOWER LIMIT	61 UPPER LIMIT
RC1F00	LSWT 223 1.875 PC MØD S5 ØRB. B1H6V3W1 (FWD)	11	-2.0	4.0
01				
02				
03				
04				
05				
06				
07				
08				
09				
10				
11		22		
12				
13				
14				
15				
16				
17		11		
RC1F 18		11		

1	11	21	31	41	51	61
0.3208	0.2317	1.50	13.837	0.0	2.40	SDY 371001150
REFERENCE AREA S_R	LONGITUDINAL ℓ_R	LATERAL b_R	LONGITUDINAL XMRP	LATERAL YMRP	VERTICAL ZMRP	SOURCE DOCUMENT
	REFERENCE LENGTH		MOMENT REFERENCE POINT			

PAGE 1 OF 5

TEST LSWT 223 DA' SET DESCRIPTOR SHEET

DATA SET IDENTIFIER	DATA SET DESCRIPTOR (1, 11, 21, 31, 41)	49	CURVE SLOPE RANGE: 51 LOWER LIMIT	CURVE SLOPE RANGE: 61 UPPER LIMIT
RC1A00	LSWT 223 11.875 PC MOD S5 ORB B1H6V3W1 (AFT)	11	-2.0	4.0
01				
02				
03				
RC1A04				
RC1040	B1V3W1			
41				
RC1042				
RC1070	B1H12V3W1			
71				
72				
73				
74				
75				
RC1076				
RC1060	B1H15V3			
61				
62				
63				
64				

1	11	21	31	41	51	61

REFERENCE AREA S_R

LONGITUDINAL ℓ_R — LATERAL b_R — REFERENCE LENGTH

LONGITUDINAL XMRP — LATERAL YMRP — VERTICAL ZMRP — MOMENT REFERENCE POINT

SOURCE DOCUMENT

PAGE 2 OF 5

TEST LSWT 223 DA' SET DESCRIPTOR SHEET

DATA SET IDENTIFIER	DATA SET DESCRIPTOR 1 11 21 31 41	49	CURVE SLOPE RANGE 51 LOWER LIMIT	61 UPPER LIMIT
RC1H00	LSWT 223 1.875 PC MØD S5 ØRB. B1H1513V3W1	1 1	-2.0	4.0
01				
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
RC1H 14				
RC1030	B1H6V3			
31				
32				
33				
RC1034				

1 11 21 31 41 51 61

REFERENCE AREA S_R | LONGITUDINAL ℓ_R | LATERAL b_R | LONGITUDINAL XMRP | LATERAL YMRP | VERTICAL ZMRP | SOURCE DOCUMENT

REFERENCE LENGTH | MOMENT REFERENCE POINT

PAGE 3 OF 5

TEST LSWT 223 DATA SET DESCRIPTOR SHEET

DATA SET IDENTIFIER	DATA SET DESCRIPTOR (1 … 11 … 21 … 31 … 41)	49	CURVE SLOPE RANGE: 51 LOWER LIMIT	CURVE SLOPE RANGE: 61 UPPER LIMIT
RC1G00	LSWT 223 11.875 PC MOD 55 ORB B1H01 3V3W1	1.1	-2.0	4.0
01				
02				
03				
04				
05				
06				
RC1G07				
RC1050	B1H6W1			
51				
52				
53				
54				
55		2.1		
56		2.1		
RC1057		2.1		
RC1010	B1W1	1.1		
11				
12				
RC1013				

1	11	21	31	41	51	61
REFERENCE AREA S_R	LONGITUDINAL ℓ_R	LATERAL b_R	LONGITUDINAL XMRP	LATERAL YMRP	VERTICAL ZMRP	SOURCE DOCUMENT
	REFERENCE LENGTH		MOMENT REFERENCE POINT			

PAGE 4 OF 5

TEST LSWT 223 DATA SET DESCRIPTOR SHEET

DATA SET IDENTIFIER	DATA SET DESCRIPTOR (1 … 11 … 21 … 31 … 41)		CURVE SLOPE RANGE: 51 LOWER LIMIT	CURVE SLOPE RANGE: 61 UPPER LIMIT
RC1020	LSWT 223 11.875 PC MØD SS ØRB B1H6	1.1	-2.0	4.0
21				
22				
23				
RC1024				
RC1000	B1			
01				
02				
RC1003				
RC1080	B1S1V13W1			
81	B1H1S1L3S1V13W1			
82	B1H1S1L3S1V13W1			
83	B1H6S2V3W1			
RC1084	S3			

1	11	21	31	41	51	61
REFERENCE AREA S_R	LONGITUDINAL ℓ_R	LATERAL b_R	LONGITUDINAL XMRP	LATERAL YMRP	VERTICAL ZMRP	SOURCE DOCUMENT
	REFERENCE LENGTH		MOMENT REFERENCE POINT			

NOMENCLATURE

SYMBOL	SADSAC SYMBOL	DEFINITION
A_b		base area; m^2, ft^2, in^2
a		speed of sound; m/sec, ft/sec
AR	ASPECT	aspect ratio, b^2/S
b	REFB	wing span or reference span; m, ft, in
c		wing chord; m, ft, in
$\bar{c}$		wing mean aerodynamic chord or reference chord; m, ft, in
c.g.		center of gravity
C.P.		center of pressure
C_A	CATOTL	axial force coefficient, $F_A/q S_{ref}$
C_{A_b}	CABASE	base axial force coefficient, $[(p_\infty - p_b/q]$ (A_b/S_{ref})
C_{A_f}	CAFORE	forebody axial force coefficient, $C_A - C_{A_b}$
C_D	CDTOTL	drag force coefficient in the wind axis system, $F_D/q\ S_{ref}$
C_D'	CD	drag force coefficient in the stability axis system, $F_D'/q\ S_{ref}$
C_L	CL	lift force coefficient (stability or wing axis) $F_L/q\ S_{ref}$
C_ℓ	CRL	rolling moment coefficient in body axis system, $M_x/q\ S_{ref}\ b$
$C_{\ell,s}$	CSL	rolling moment coefficient in the stability axis system, $M_{x,s}/q\ S_{ref}\ b$
$C_{\ell,w}$	CWL	rolling moment coefficient in the wind axis system, $M_{x,w}/q\ S_{ref}\ b$

NOMENCLATURE (Continued)

SYMBOL	SADSAC SYMBOL	DEFINITION
C_m	CNM	pitching moment coefficient in the body axis system, $M_y/q\ S_{ref}\ \ell_{ref}$
$C_{m,s}$	CNM	pitching moment coefficient in the stability axis system, $C_{m,s} = C_m$
$C_{m,w}$	CWM	pitching moment coefficient in the wind axis system, $M_{y,w}/q\ S_{ref}\ \ell_{ref}$
C_N	CN	normal force coefficient in the body axis system, $F_N/q\ S_{ref}$
C_n	CYM	yawing moment coefficient in the body axis system, $M_z/q\ S_{ref}\ b$
$C_{n,s}$	CWN	yawing moment coefficient in the stability axis system, $C_{n,s} = C_n$
$C_{n,w}$	CWN	yawing moment coefficient in the wind axis system, $M_{z,w}/q\ S_{ref}\ b$
C_p	CP	pressure coefficient, $(p - p_\infty)/q$
C_y	CY	side force coefficient (body or stability axis system), $F_y/q\ S_{ref}$
F_A		axial force; N, lb
F_D		drag force in wind axis system; N, lb
F_D'		drag force in the stability axis system; N, lb
F_L		lift force (stability or wind axis system); N, lb
F_N		normal force; N, lb
F_Y		side force; N, lb
ℓ_{ref}	REFL	reference length ; m, ft, in
L/D	L/D	lift-to-drag ratio, C_L/C_D
M	MACH	Mach number

SYMBOL	SADSAC SYMBOL	DEFINITION
MRP	MRP	abbreviation for moment reference point
M_x		rolling moment in the body axis system; N-m, ft-lb
$M_{x,s}$		rolling moment in the stability axis system; N-m, ft-lb
$M_{x,w}$		rolling moment in the wind axis system; N-m, ft-lb
M_y		pitching moment in the body (or stability) axis system; N-m, ft-lb
$M_{y,w}$		pitching moment in the wind axis system; N-m, ft-lb
M_z		yawing moment in the body axis system; N-m, ft-lb
$M_{z,w}$		yawing moment in the wind axis system; N-m, ft-lb
p		static pressure; N/m^2; psi
P		total pressure; N/m^2; psi
q	Q(PSI) Q(PSF)	dynamic pressure; N/m^2, psi, psf
RN/L	RN/L	Reynold's number per unit length; million/ft.
S		characteristic area; m^2, ft^2
S_{ref}	REFS	reference area; m^2, ft^2
T		temperature; ^oK, ^oC, ^oR, ^oF
V		speed of vehicle relative to surrounding atmosphere; m/sec, ft/sec

NOMENCLATURE (Continued)

SYMBOL	SADSAC SYMBOL	DEFINITION
$\bar{V}$		velocity of vehicle relative to surrounding atmosphere; m/sec, ft/sec
α	ALPHA	angle of attack, angle between the projection of the wind X_W-axis on the body X, Z-plane and the body X-axis; deg
β	BETA	sideslip angle, angle between the wind X_W-axis and the projection of this axis on the body X-Z-plane; deg
γ		ratio of specific heats
Γ	DIHDRL	wing dihedral angle; deg
δ		control surface deflection angle; deg positive deflections are: aileron - left aileron trailing edge down elevator - trailing edge down rudder - trailing edge to the left flap - trailing edge down tab - trailing edge down with respect to control surface
ρ		air density; K_g/m^3, slugs/ft^3
θ		pitch angle, angle of rotation about the body Y-axis, positive when the positive Z-axis is rotated toward the positive X-axis; deg
ϕ	PHI	roll angle, angle of rotation about the body X-axis, positive when the positive Y-axis is rotated toward the positive Z-axis; deg
ψ	PSI	yaw angle, angle of rotation about the body Z-axis, positive when the positive X-axis is rotated toward the positive Y-axis; deg

SUBSCRIPTS	DEFINITION
a	aileron
b	base
c	canard
e	elevator or elevon
f	flap
r	rudder or ruddervator
s	stability axis system
t	tail, or total conditions
w	wind axis system
ref	reference conditions

FIGURES

Notes:

1. Positive directions of force coefficients moment coefficients, and angles are indicated by arrows.

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

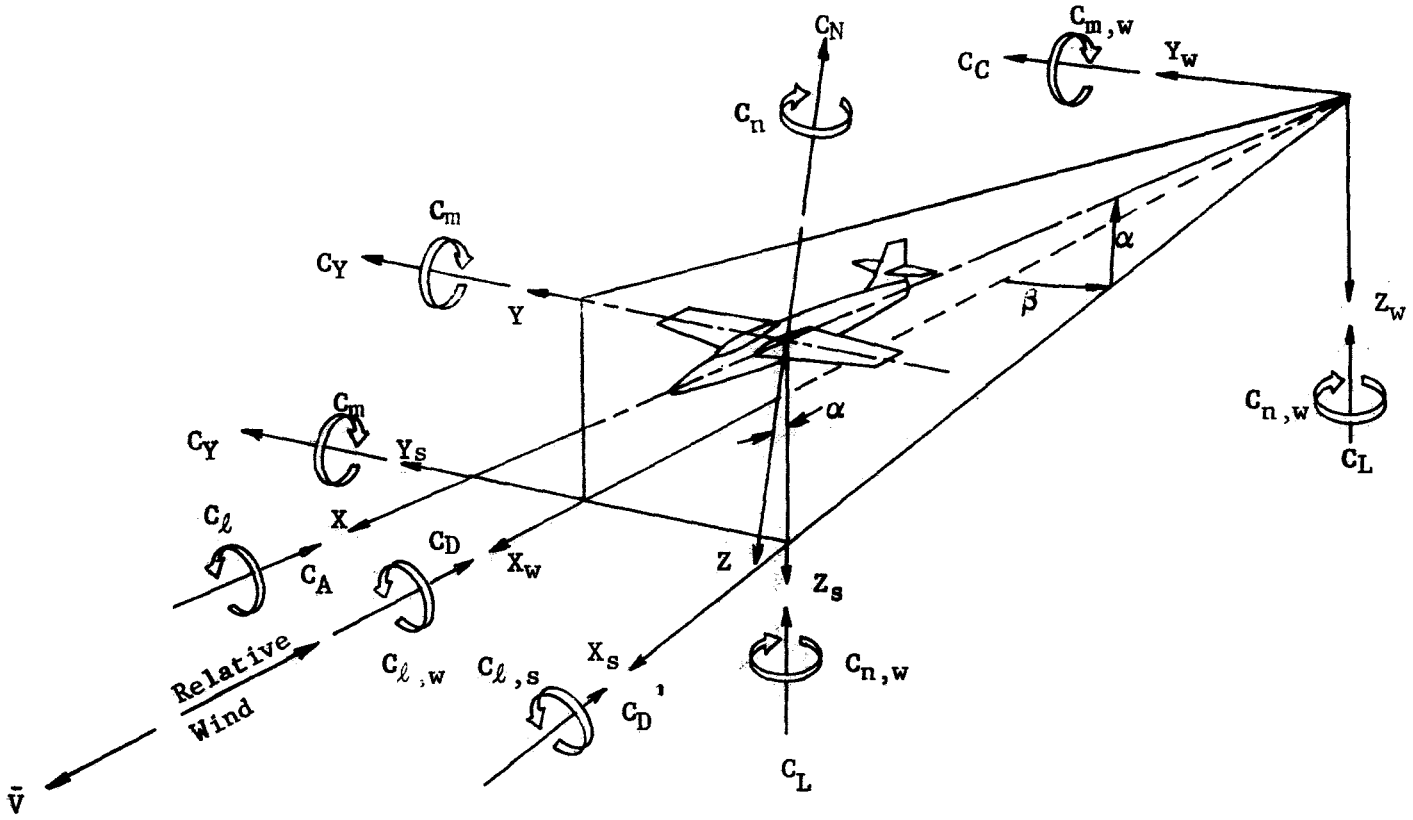
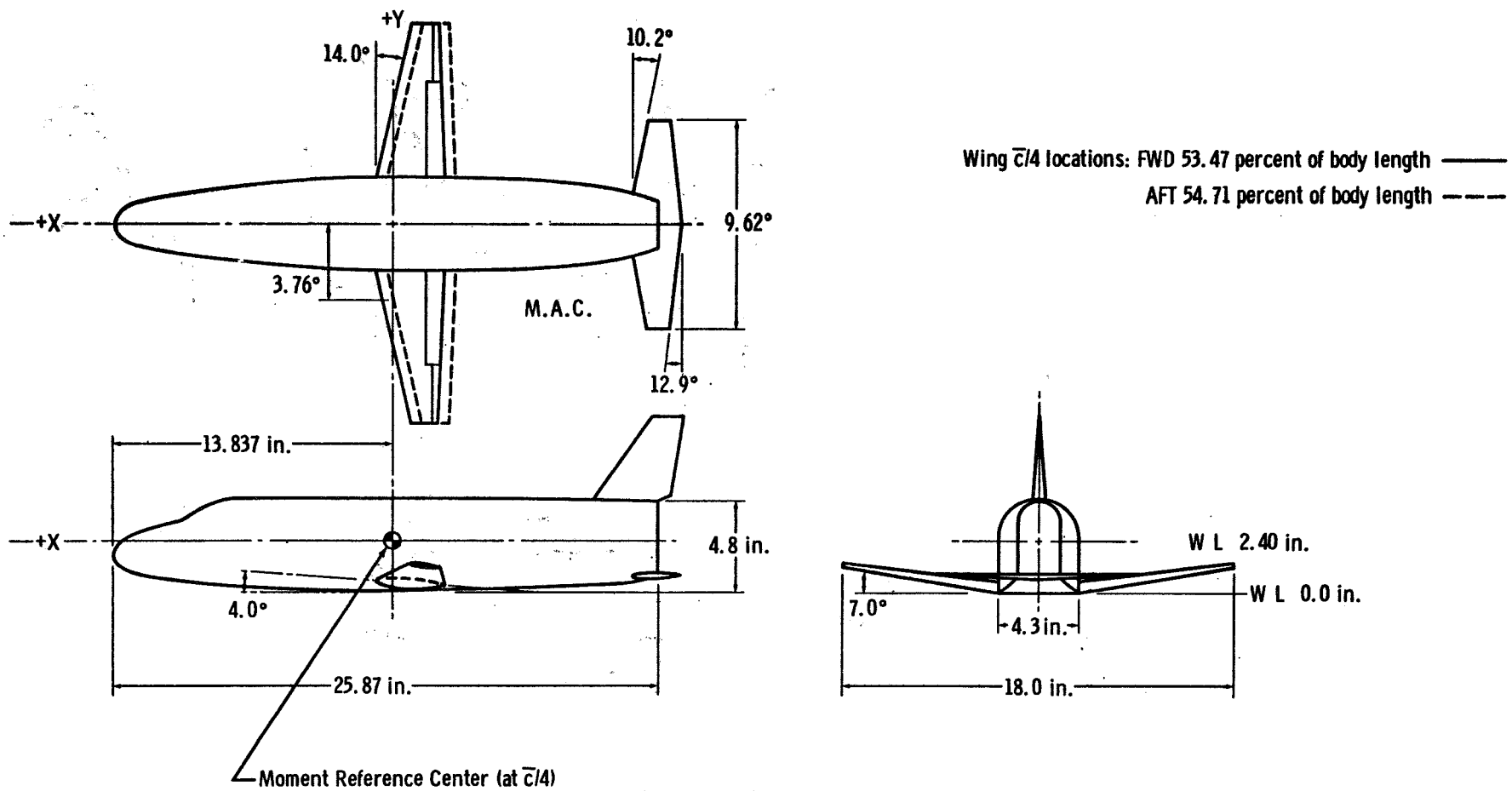


Figure 1. Axis systems, showing direction and sense of force and moment coefficients, angle of attack, and sideslip angle



(a) Configuration $B_1W_1V_3H_6$.

FIGURE 2. THE 0.0187 SCALED MODEL OF THE MSC ORBITER SHUTTLE MODEL S-5

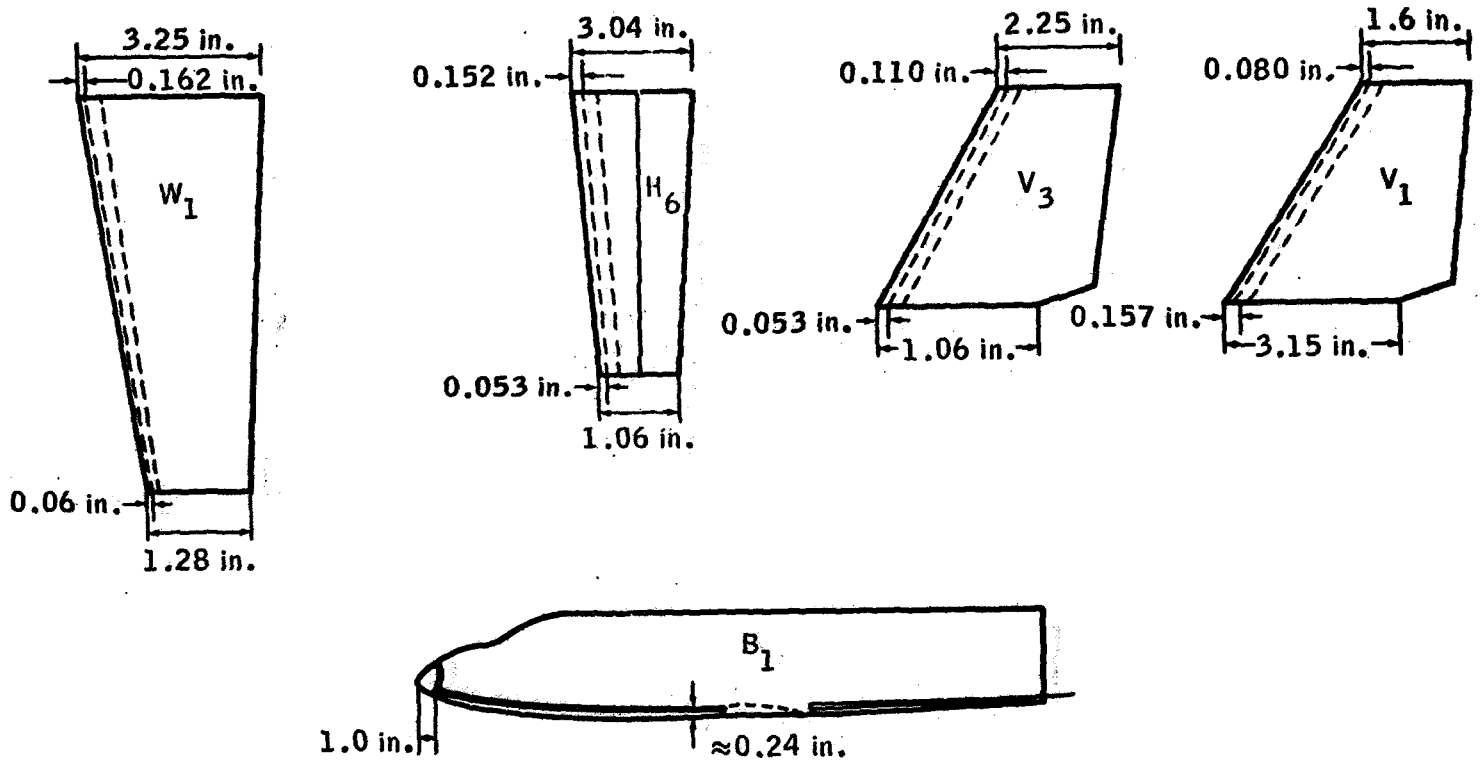


FIGURE 3. GRIT STRIPPING

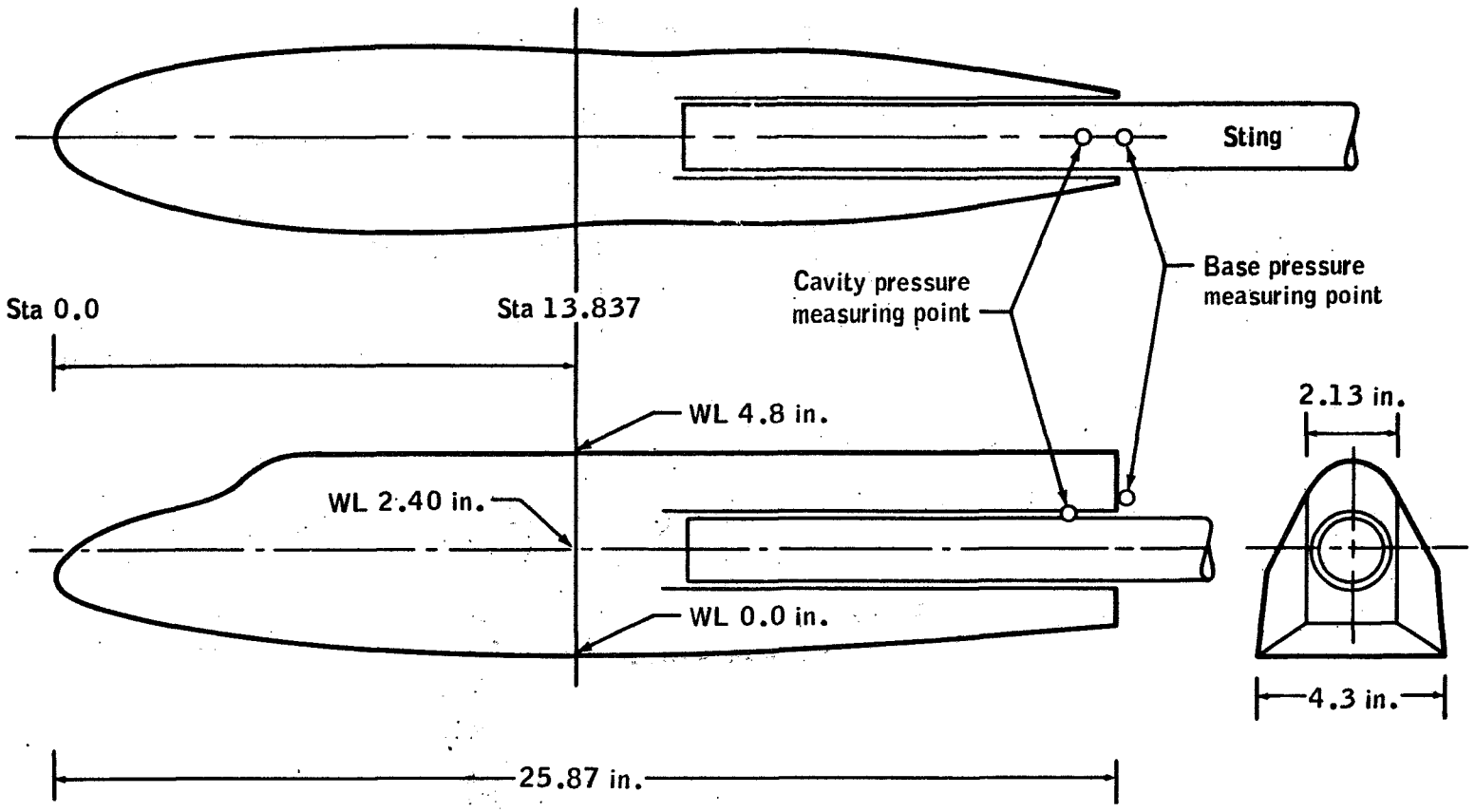


FIGURE 4. FUSELAGE B1

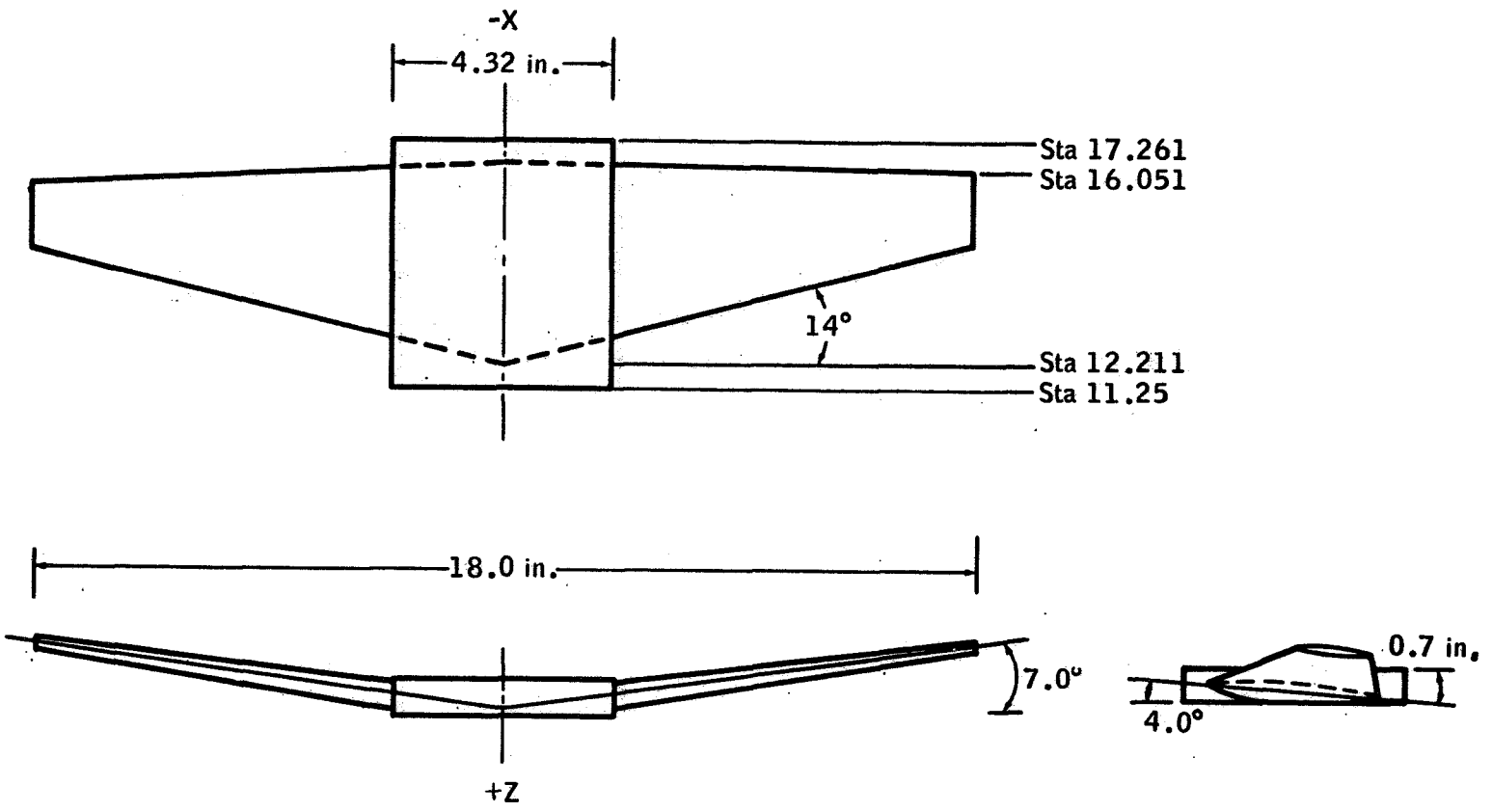


FIGURE 5. WING W1

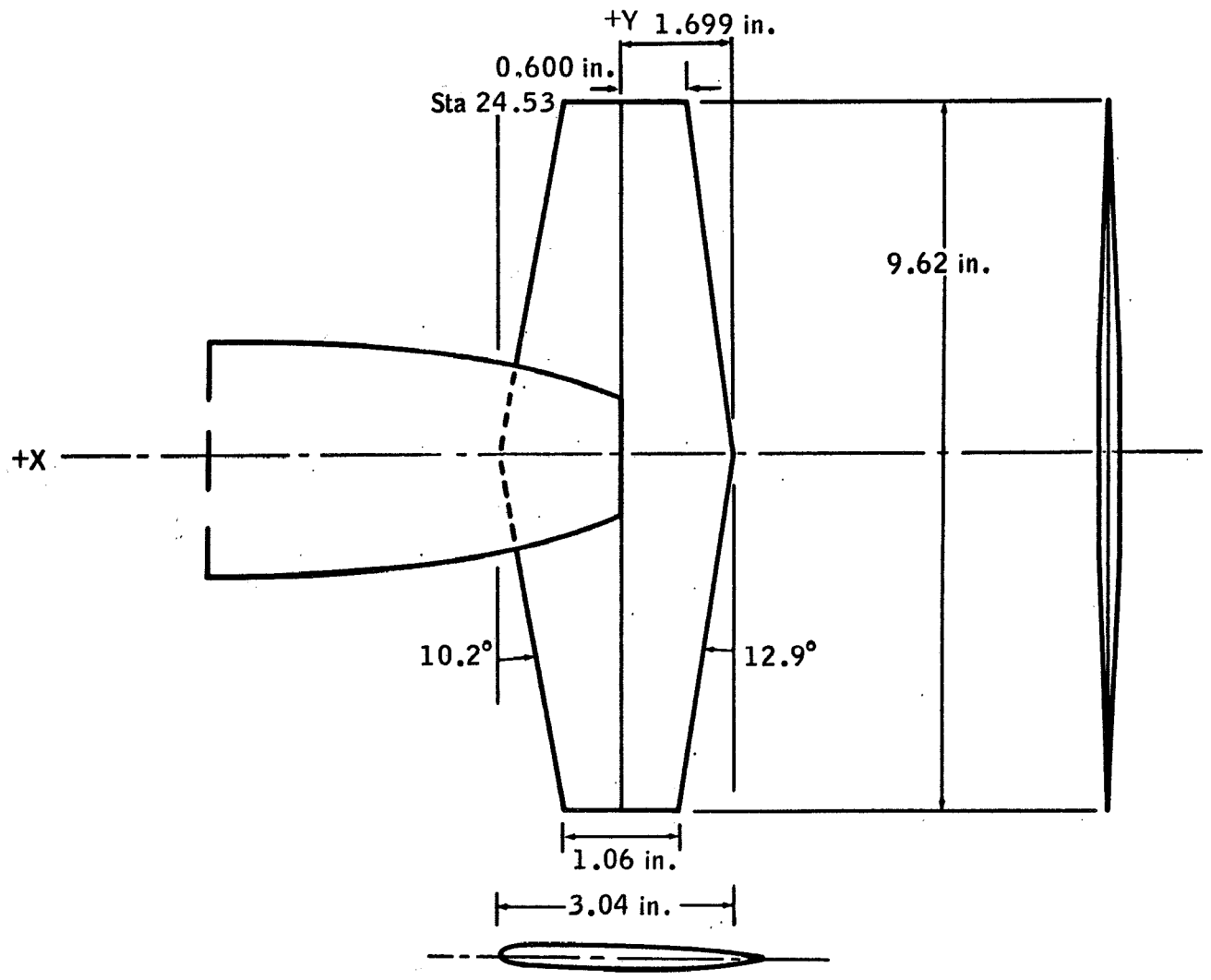


FIGURE 6. HORIZONTAL STABILIZER H6

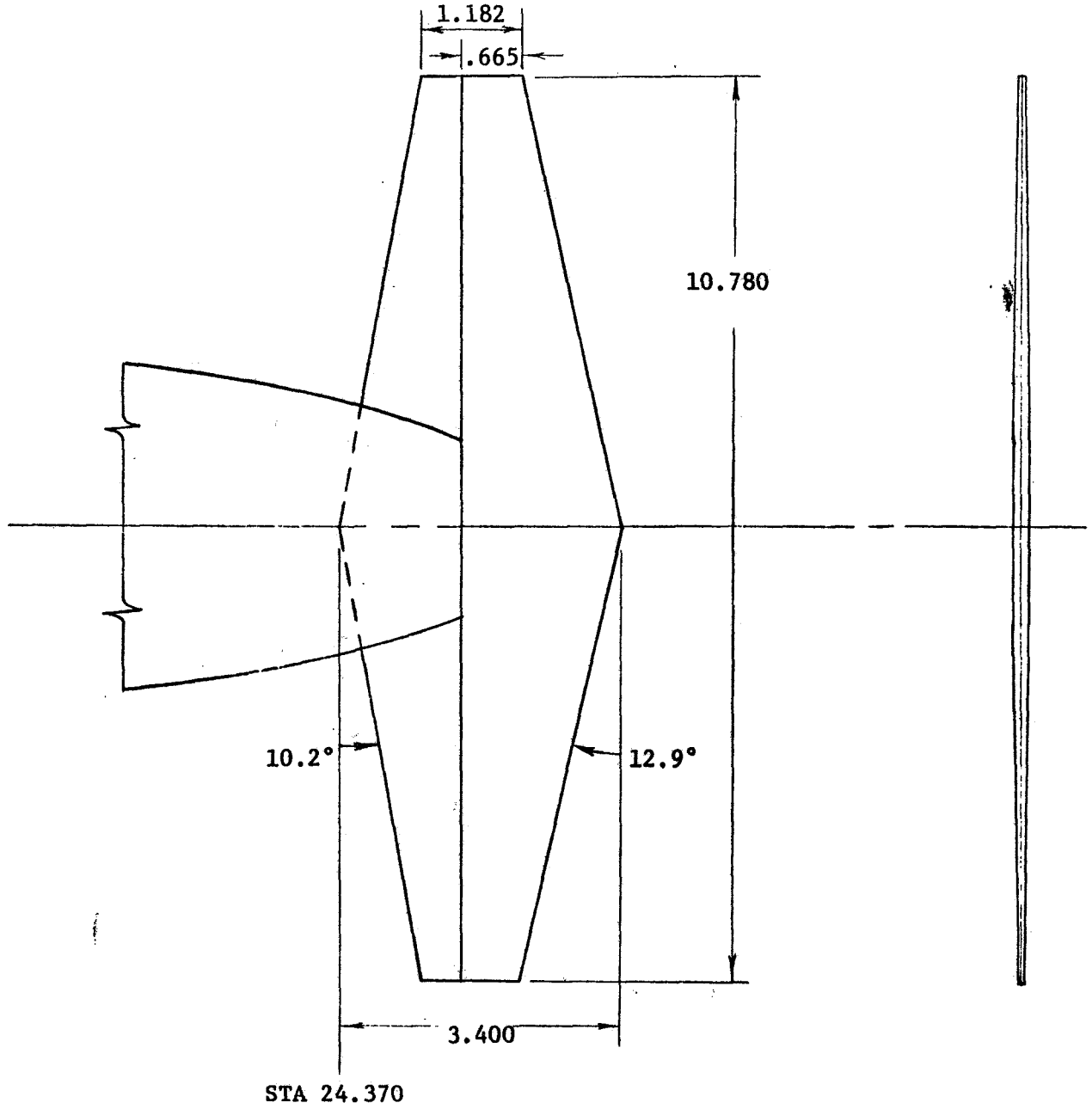
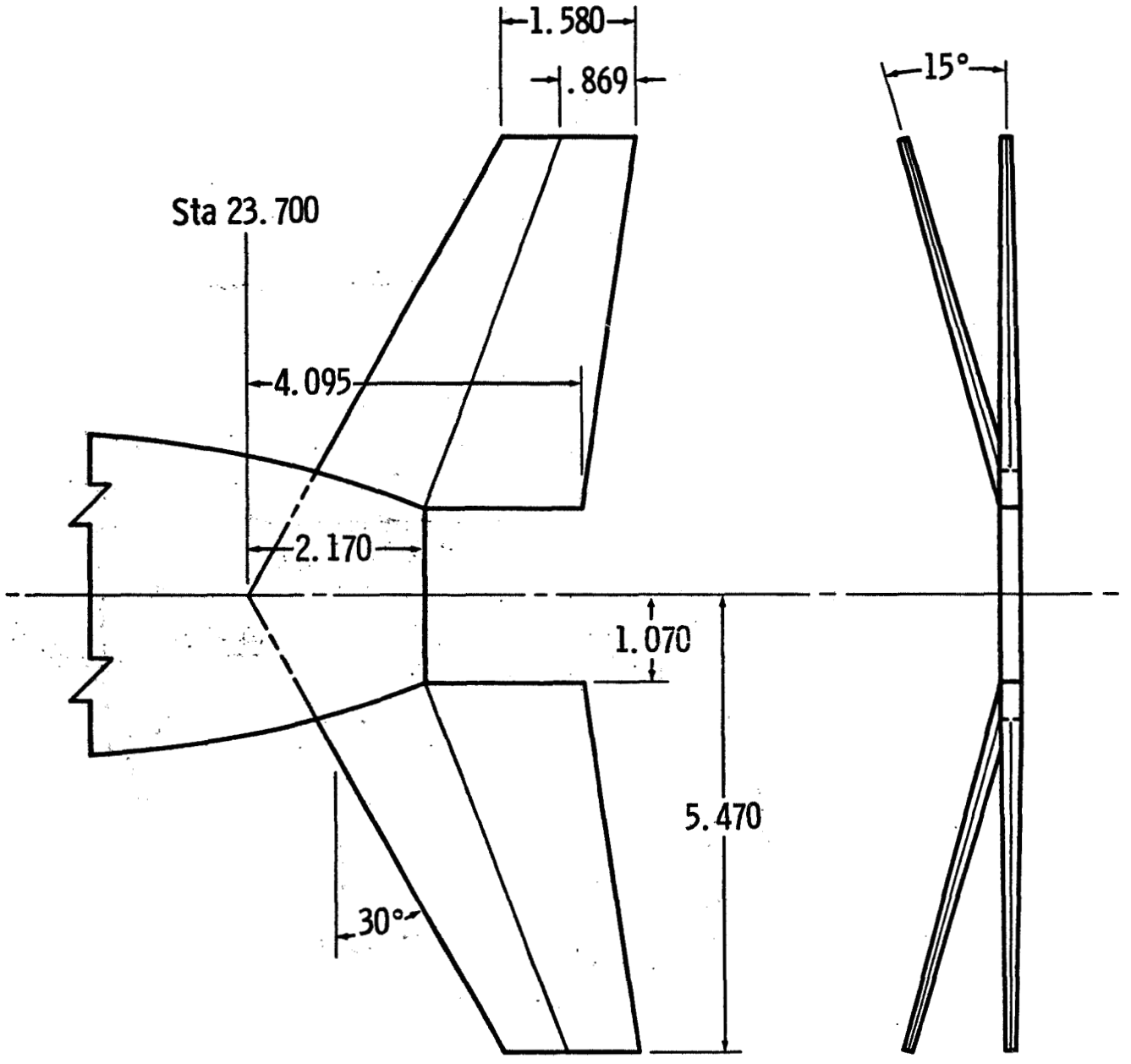


FIGURE 7. HORIZONTAL STABILIZER H12



Note: Rear view shows two possible dihedral positions of H_{13}, $\Gamma = 0.0°$ and $\Gamma = 15.0°$.

FIGURE 8. HORIZONTAL STABILIZER H13

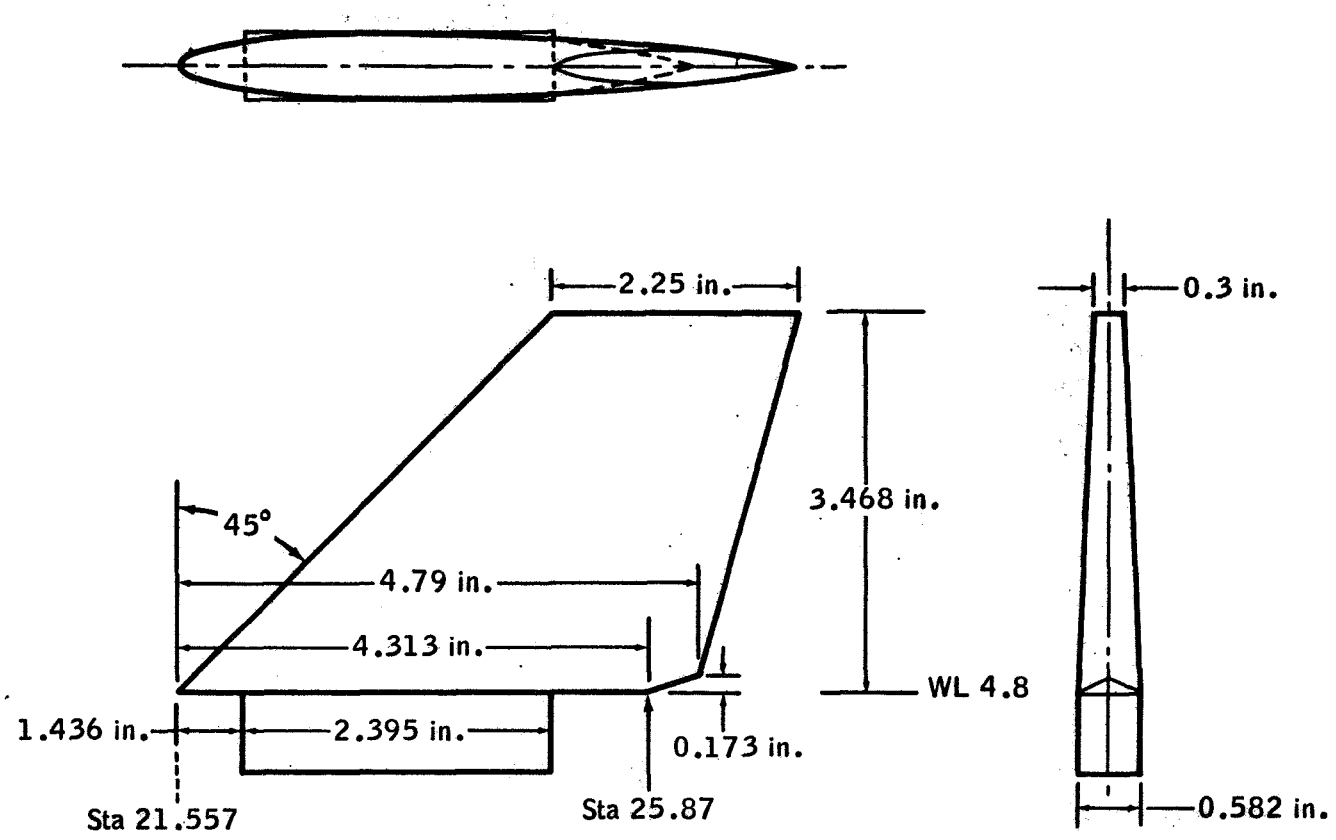


FIGURE 9. VERTICAL STABILIZER V3

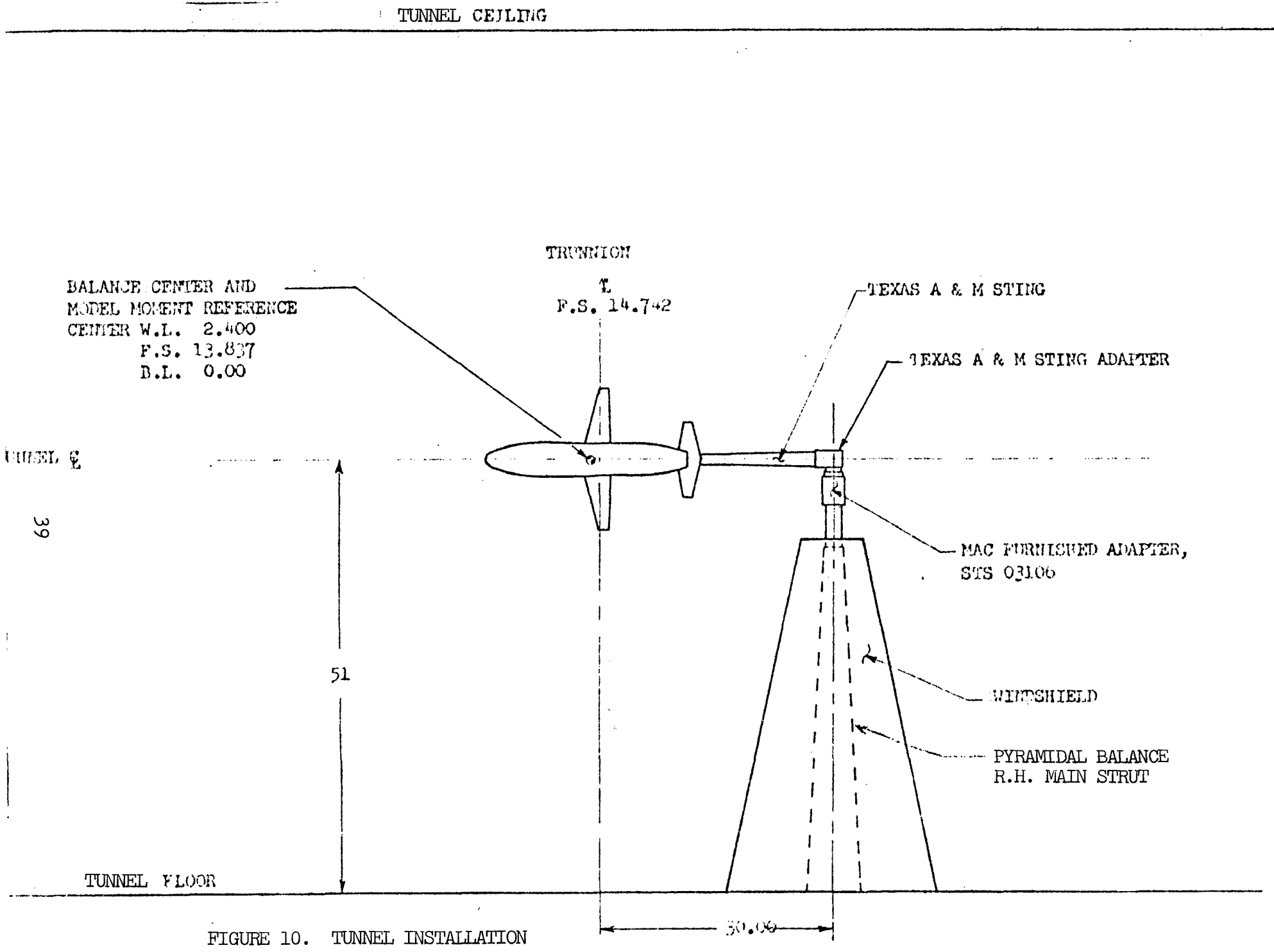
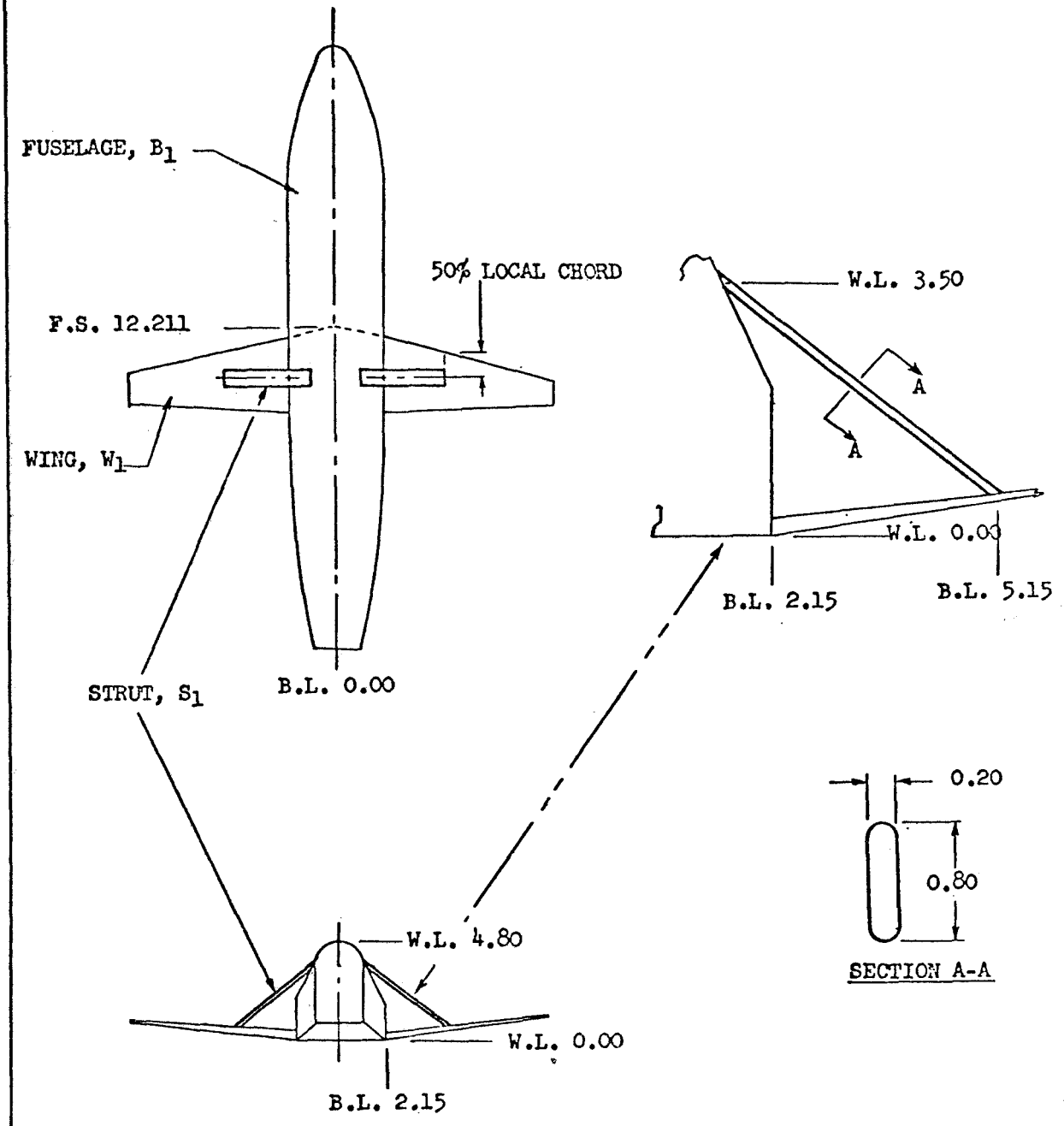


FIGURE 10. TUNNEL INSTALLATION

WING STRUT, S_1



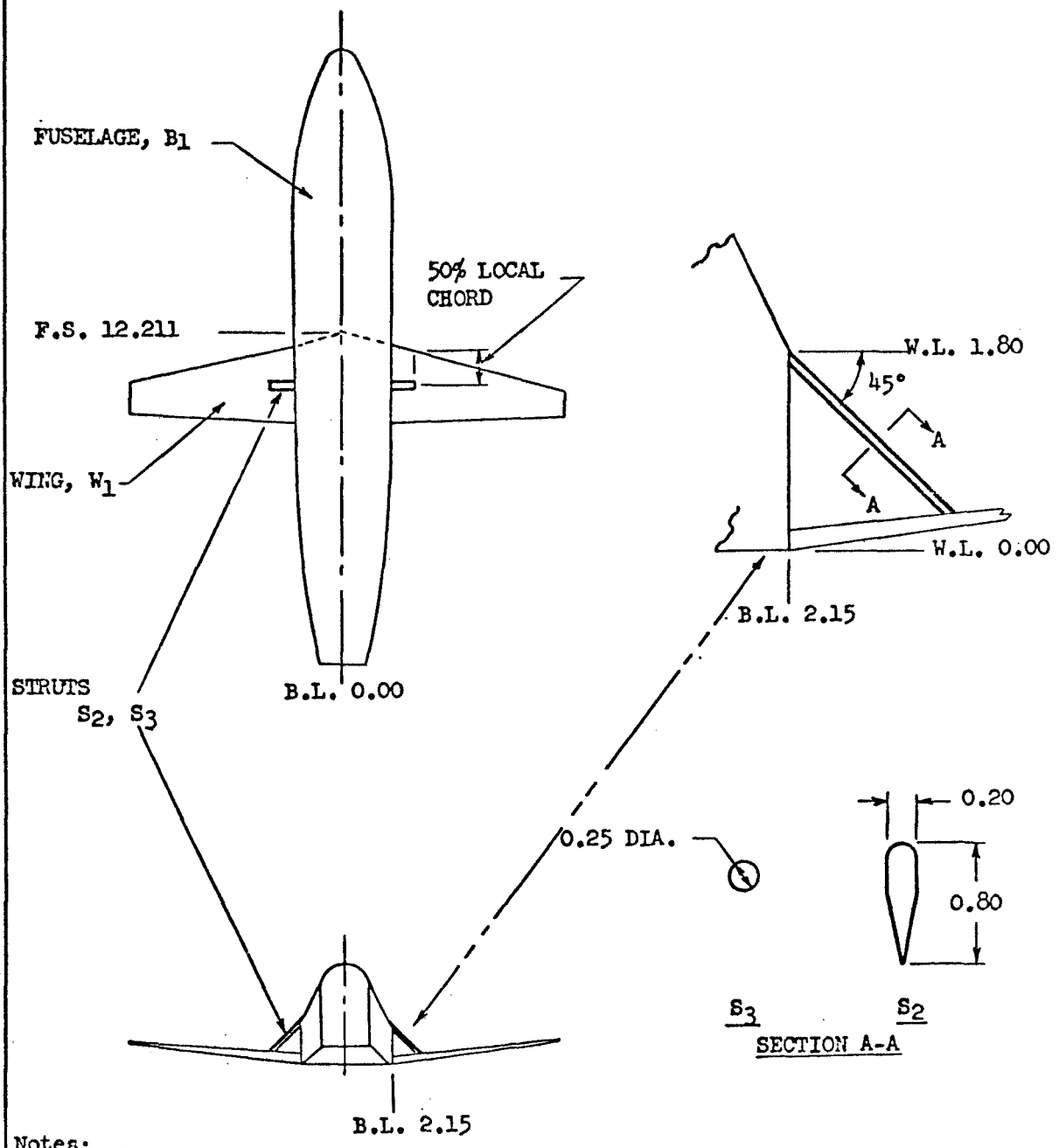
Notes:

1. All dimensions are model scale in inches.
2. Strut was fabricated from wood stock.

FIGURE 11. WING STRUT, S1

MAC 2311 (REV 1 AUG 61)

WING STRUTS, S_2, S_3



Notes:
1. All dimensions are model scale in inches.
2. S_2 and S_3 struts were fabricated from wood stock.

FIGURE 12. WING STRUTS, S2, S3

DATA DISPLAY INDEX

DATA DISPLAY INDEX

I. Multiple, Dependent Variable Cross-Plots

DATASET IDENTIFIER						DATA BEGINS ON PLOT PAGE
BC1000	BC1011	BC1042	BC1051	BC1030	BC1F06	1
BC1001	BC1010	BC1041	BC1050	BC1031	BC1F10	3
BC1002	BC1013	BC1053	BC1032	CC1F01		5
BC1F05	BC1F10	BC1F04	BC1F06	BC1F07		7
BC1073	BC1072	BC1070	BC1071	BC1074		9
BC1G07	BC1G06	BC1G05	BC1G02	BC1G03	BC1G04	11
BC1H12	BC1H10	BC1H01	BC1H06	BC1H07		13
BC1H11	BC1H09	BC1H00	BC1H05	BC1H08		15
BC1062	BC1064	BC1061				17
BC1F00	BC1F02	BC1F03				19
BC1A02	BC1A01	BC1A00				21
BC1F10	BC1A02					23
BC1041	BC1040					25
BC1G06	BC1H11	BC1G05	BC1H09	BC1G04	BC1H08	27
BC1F17	BC1083	BC1084				29
BC1050	BC1053	BC1054				31

Cross-Plot Dependent Variables

CD vs. CL
CNM vs. CL

II. Multiple, Dependent Variables vs. Angular Deflection

DATASET IDENTIFIER						DATA BEGINS ON PLOT PAGE
BC1000	BC1011	BC1042	BC1051	BC1030	BC1F08	33
AC1000	AC1011	AC1042	AC1051	AC1030	AC1F08	40
BC1001	BC1010	BC1041	BC1050	BC1031	BC1F10	41
AC1001	AC1010	AC1041	AC1050	AC1031	AC1F10	48
BC1002	BC1013	BC1053	BC1032	CC1F01		49
AC1002	AC1013	AC1053	AC1032	DC1F01		56
BC1F05	BC1F10	BC1F04	BC1F06	BC1F07		57
AC1F05	AC1F10	AC1F04	AC1F06	AC1F07		64
BC1073	BC1072	BC1070	BC1071	BC1074		65
AC1F05	AC1072	AC1070	AC1071	AC1074		72
BC1G07	BC1G06	BC1G05	BC1G02	BC1G03	BC1G04	73
AC1G07	AC1G06	AC1G05	AC1G02	AC1G03	AC1G04	80
BC1H12	BC1H10	BC1H01	BC1H06	BC1H07		81
AC1H12	AC1H10	AC1H01	AC1H06	AC1H07		88
BC1H11	BC1H09	BC1H00	BC1H05	BC1H08		89
AC1H11	AC1H09	AC1H00	AC1H05	AC1H08		96
BC1062	BC1064	BC1061				97
AC1062	AC1064	AC1061				104
BC1F00	BC1F02	BC1F03				105
AC1F00	AC1F02	AC1F03				112
BC1A02	BC1A01	BC1A00				113
AC1A02	AC1A01	AC1A00				120
BC1F10	BC1A02					121
AC1F10	AC1A02					128
BC1041	BC1040					129
AC1041	AC1040					136
BC1G06	BC1H11	BC1G05	BC1H09	BC1G04	BC1H08	137
AC1G06	AC1H11	AC1G05	AC1H09	AC1G04	AC1H08	144
BC1F17	BC1083	BC1084				145
AC1F17	AC1083	AC1084				152
RC1F11	RC1F12	RC1F13	RC1F16	RC1F14	RC1F15	153
RC1057	RC1056	RC1055				156
BC1050	BC1053	BC1054				159
AC1050	AC1053	AC1054				166

Dependent Variables

A and D sets - CN
B and C sets - CL, CNM, CY, CWN, CSL, CD, L/D
R sets - CY, CWN, CSL

DATA DISPLAY INDEX

III. Single, Dependent Variables vs. Angular Deflection

DATASET IDENTIFIER	DATA BEGINS ON PLOT PAGE
RC1F09	167
RC1F18	173
RC1A03	179
RC1A04	185
RC1012	191
RC1075	197
RC1076	203
RC1060	209
RC1063	215
RC1H02	221
RC1H03	227
RC1H04	233
RC1H13	239
RC1H14	245
RC1033	251
RC1034	257
RC1G00	263
RC1G01	269
RC1052	275
RC1022	281
RC1020	287
RC1021	293
RC1003	299
RC1080	305
RC1081	311
RC1082	317
RC1023	323
RC1024	329

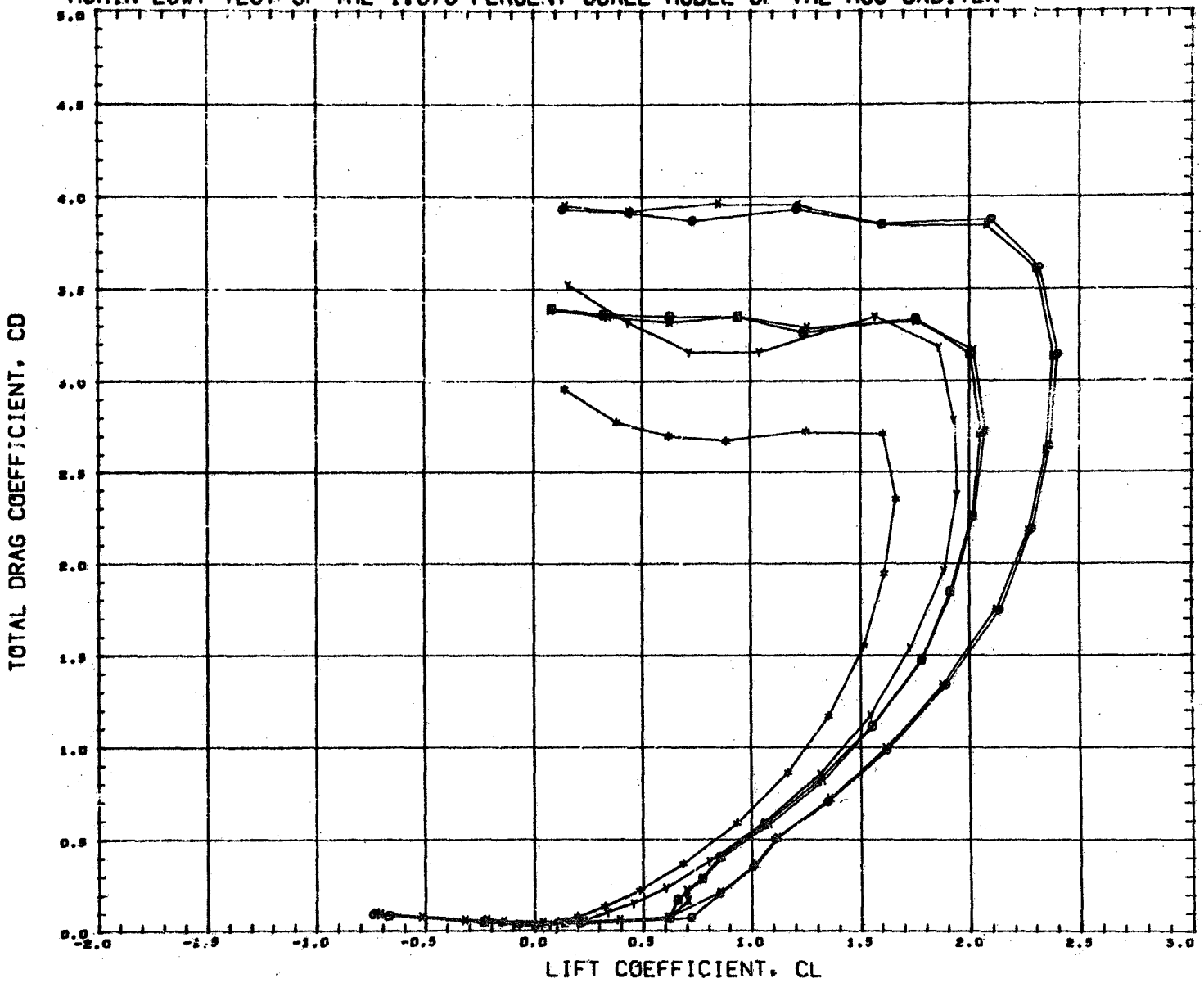
Dependent Variables

CL, CNM, CY, CWN, CSL, CD

DATA

NASA-MSFC-MAF

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



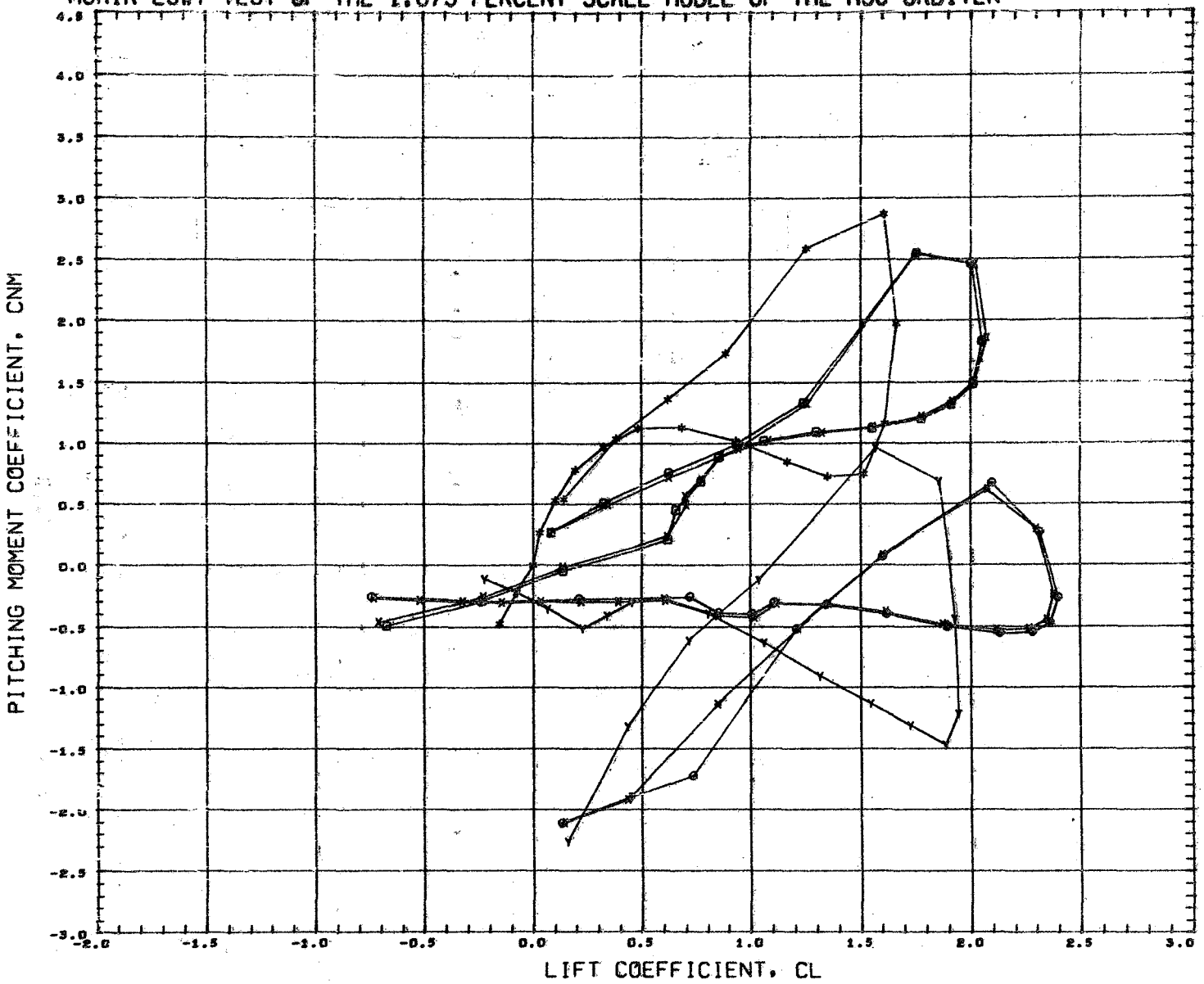
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1000)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1011)	28 JUL 70	
⊕	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1042)	28 JUL 70	
⊕	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1051)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1030)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

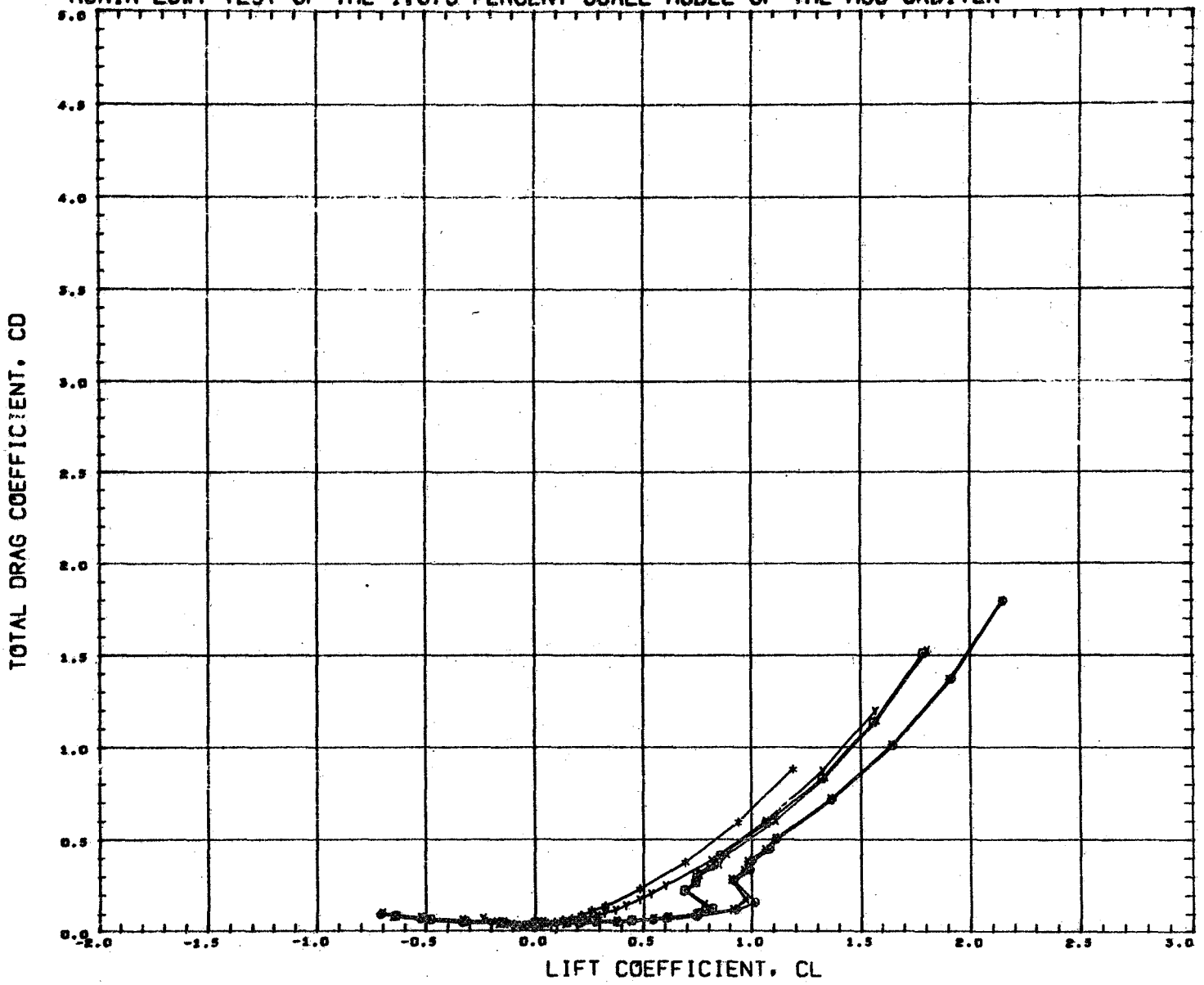


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 RC MOD S5 ORB. B1	(BC1000)	28 JUL 70	0.170
X	LSWT 223 1.875 RC MOD S5 ORB. B1W1	(BC1011)	28 JUL 70	
⊕	LSWT 223 1.875 RC MOD S5 ORB B1V3W1	(BC1042)	28 JUL 70	
⊖	LSWT 223 1.875 RC MOD S5 ORB. B1H6W1	(BC1051)	28 JUL 70	
Y	LSWT 223 1.875 RC MOD S5 ORB. B1H6V3	(BC1030)	28 JUL 70	
X	LSWT 223 1.875 RC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



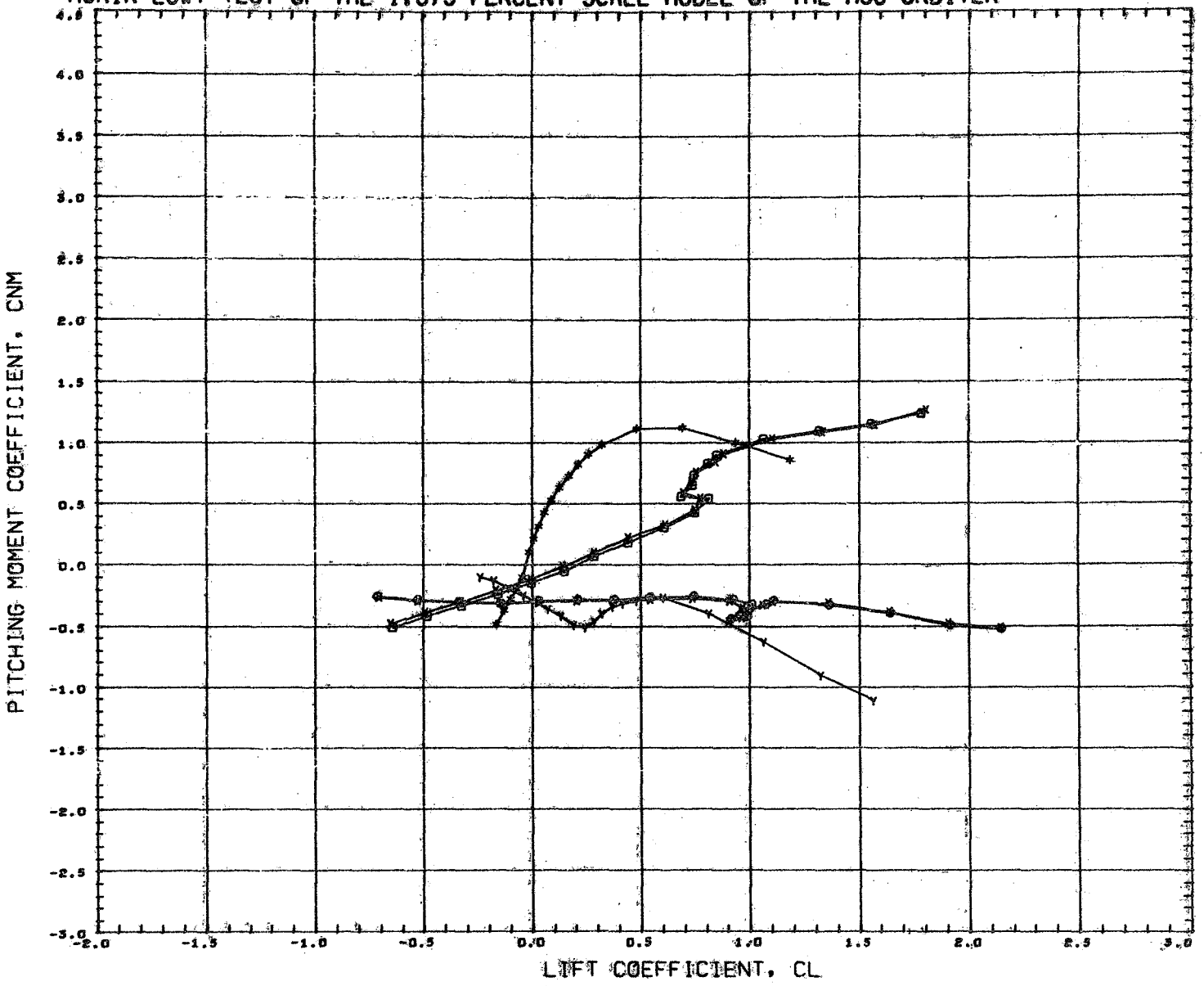
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1001)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1010)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1031)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

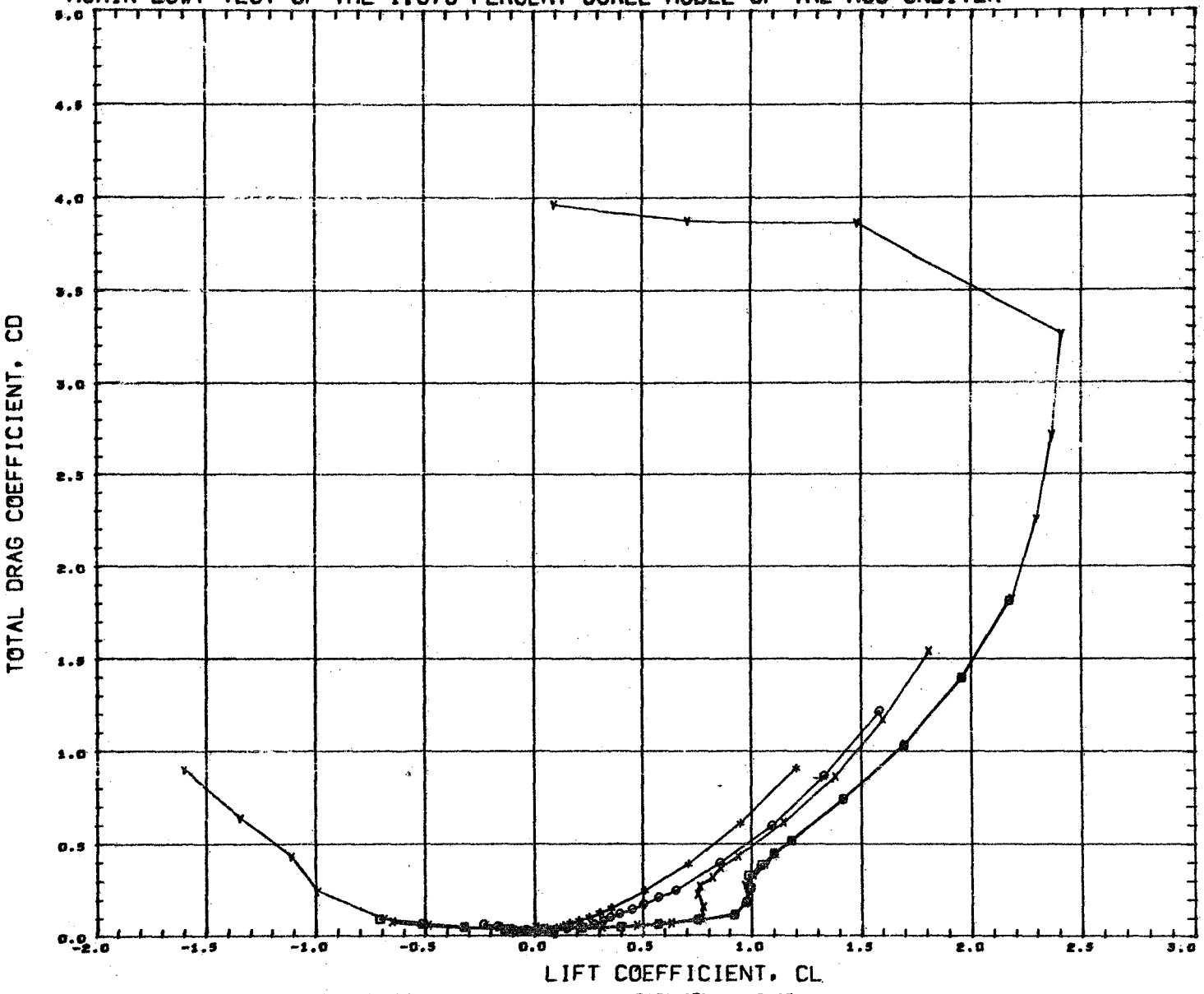


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 225 1.875 PC MOD S5 ORB. B1	(BC1001)	28 JUL 70	0.250
X	LSWT 225 1.875 PC MOD S5 ORB. B1W1	(BC1010)	28 JUL 70	
⊠	LSWT 225 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	
⊙	LSWT 225 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	
Y	LSWT 225 1.875 PC MOD S5 ORB. B1H6V3	(BC1031)	28 JUL 70	
*	LSWT 225 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+01}$	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



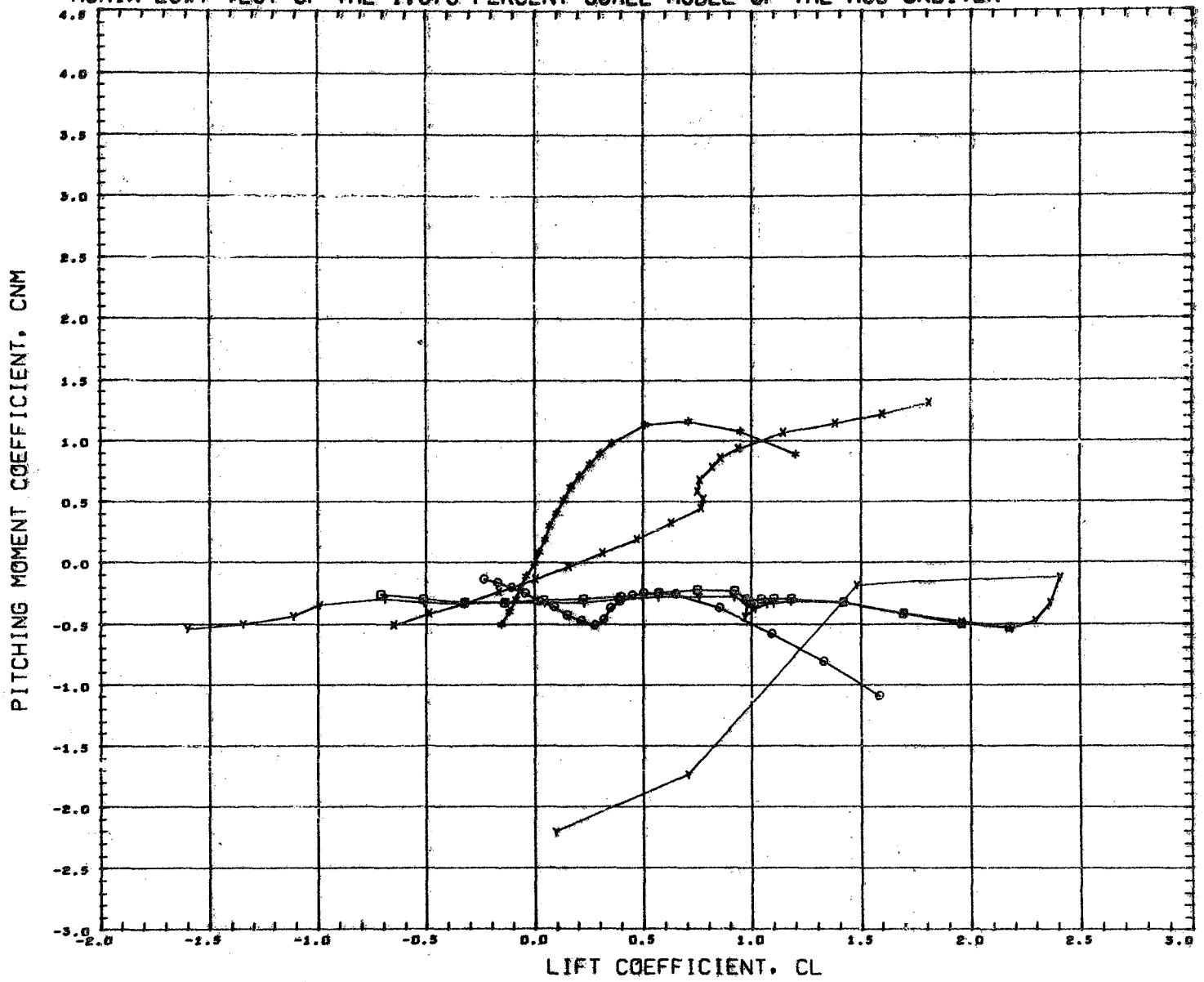
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 FC MOD S5 ORB. B1	(BC1002)	28 JUL 70	0.250
X	LSWT 223 1.875 FC MOD S5 ORB. B1W1	(BC1013)	28 JUL 70	
O	LSWT 223 1.875 FC MOD S5 ORB. B1H6W1	(BC1053)	28 JUL 70	
O	LSWT 223 1.875 FC MOD S5 ORB. B1H6V3	(BC1032)	28 JUL 70	
V	LSWT 223 1.875 FC MOD S5 ORB. B1H6B3W1 (FWD)	(CC1F01)	29 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

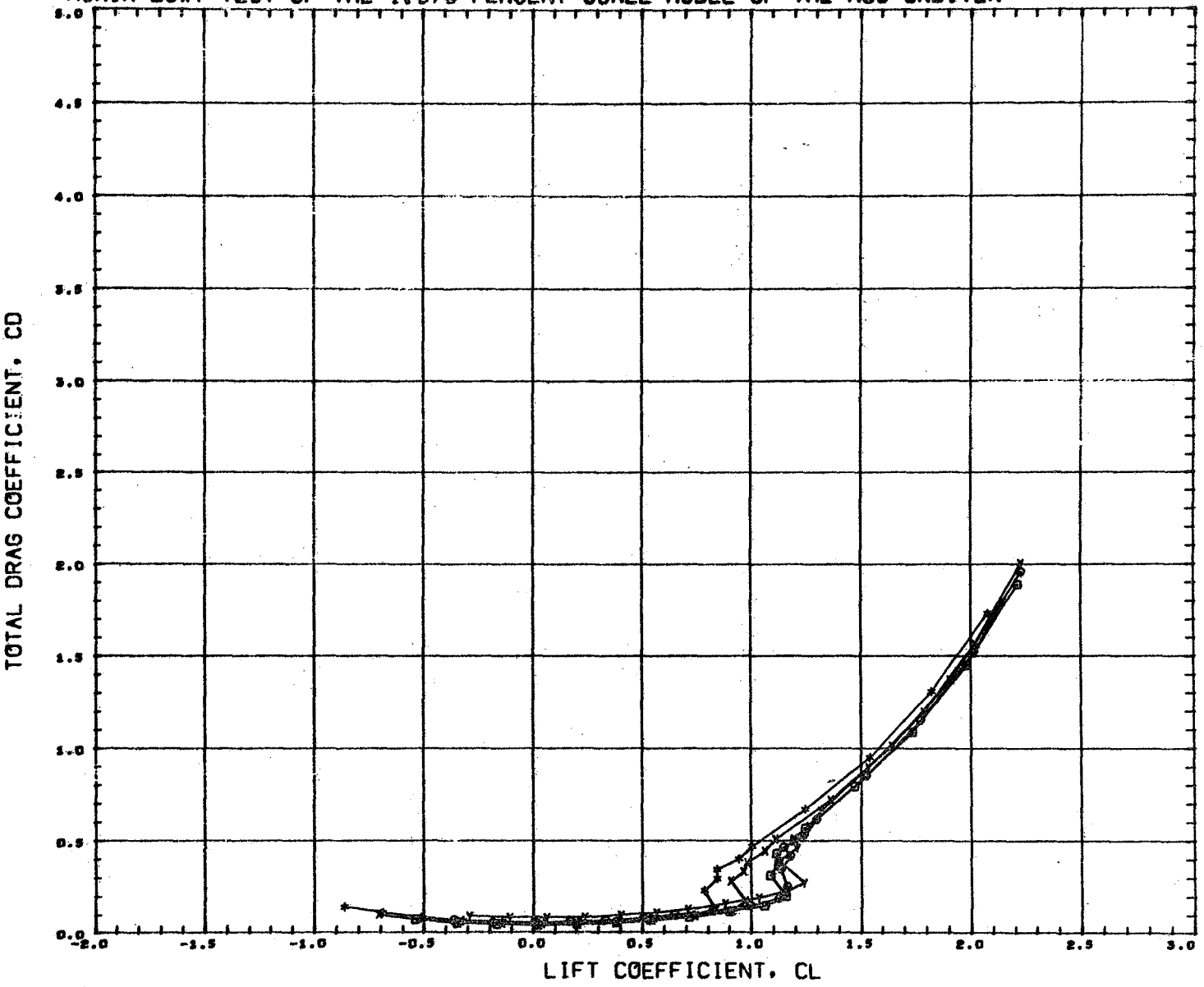


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1002)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1013)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1053)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1032)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6B3W1 (FWD)	(CC1F01)	29 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



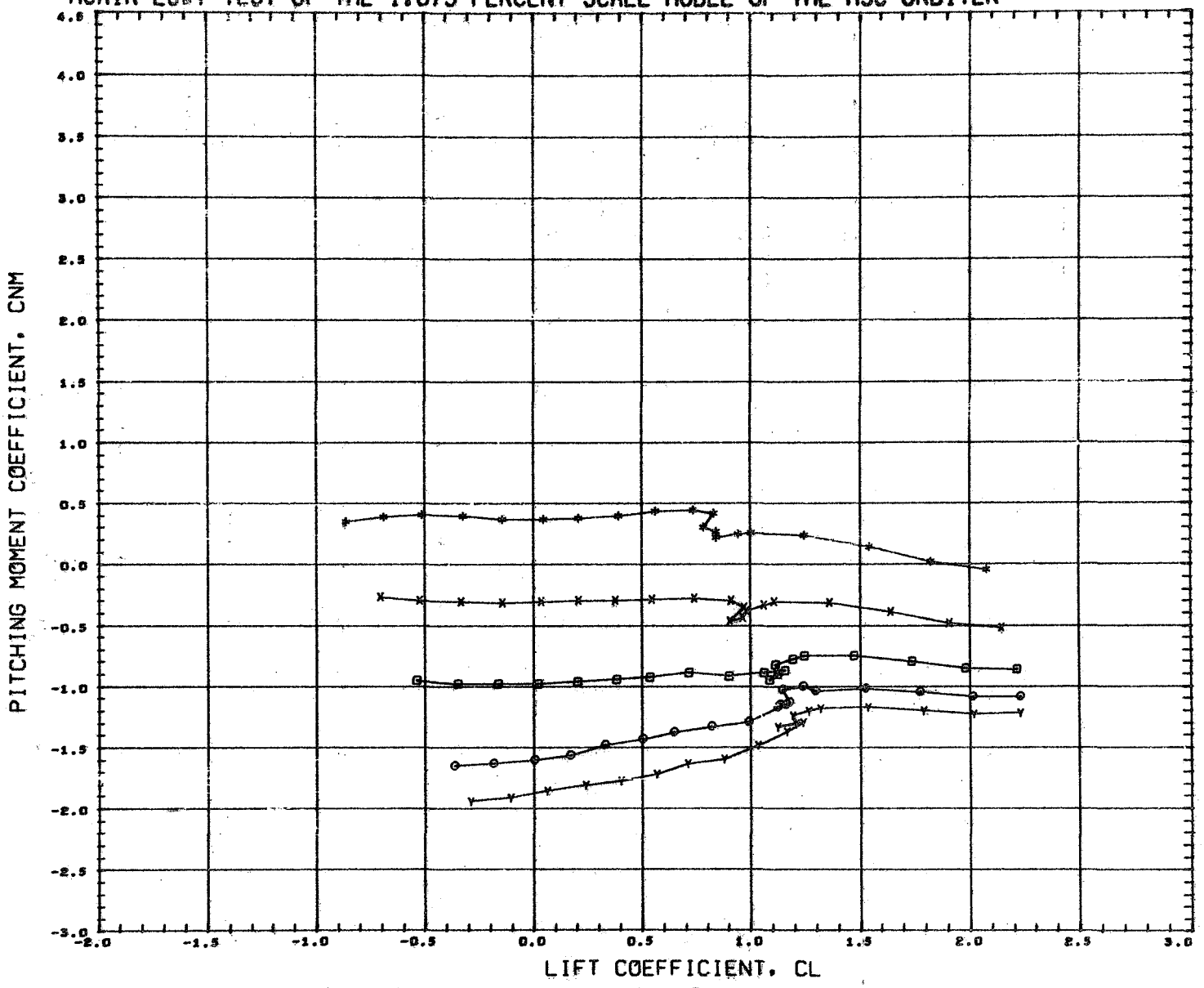
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F05)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	
⊕	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F04)	28 JUL 70	
⊕	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F07)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



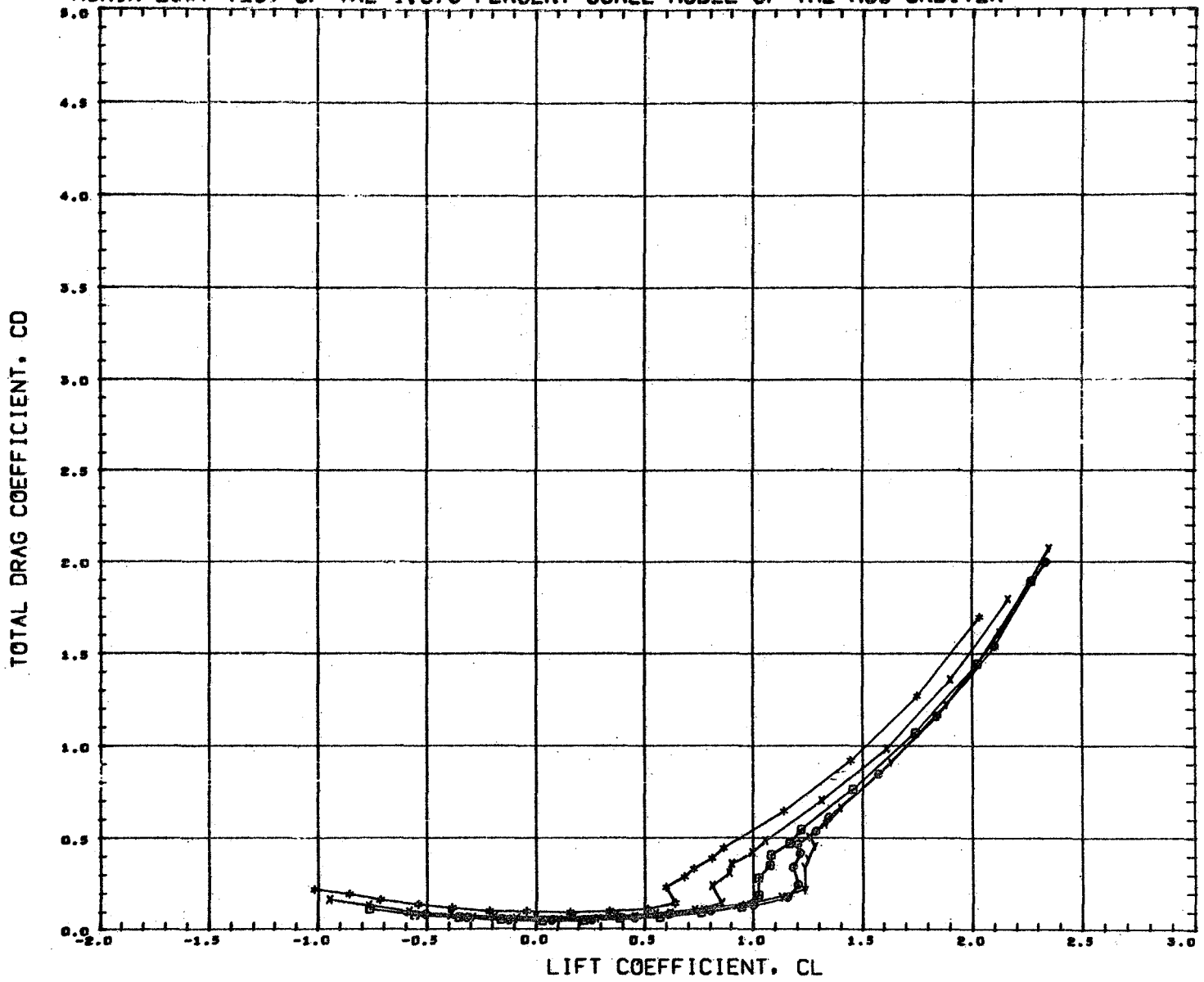
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 FC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F05)	28 JUL 70	0.250
X	LSWT 223 1.875 FC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	
⊟	LSWT 223 1.875 FC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F04)	28 JUL 70	
⊖	LSWT 223 1.875 FC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F06)	28 JUL 70	
Y	LSWT 223 1.875 FC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F07)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



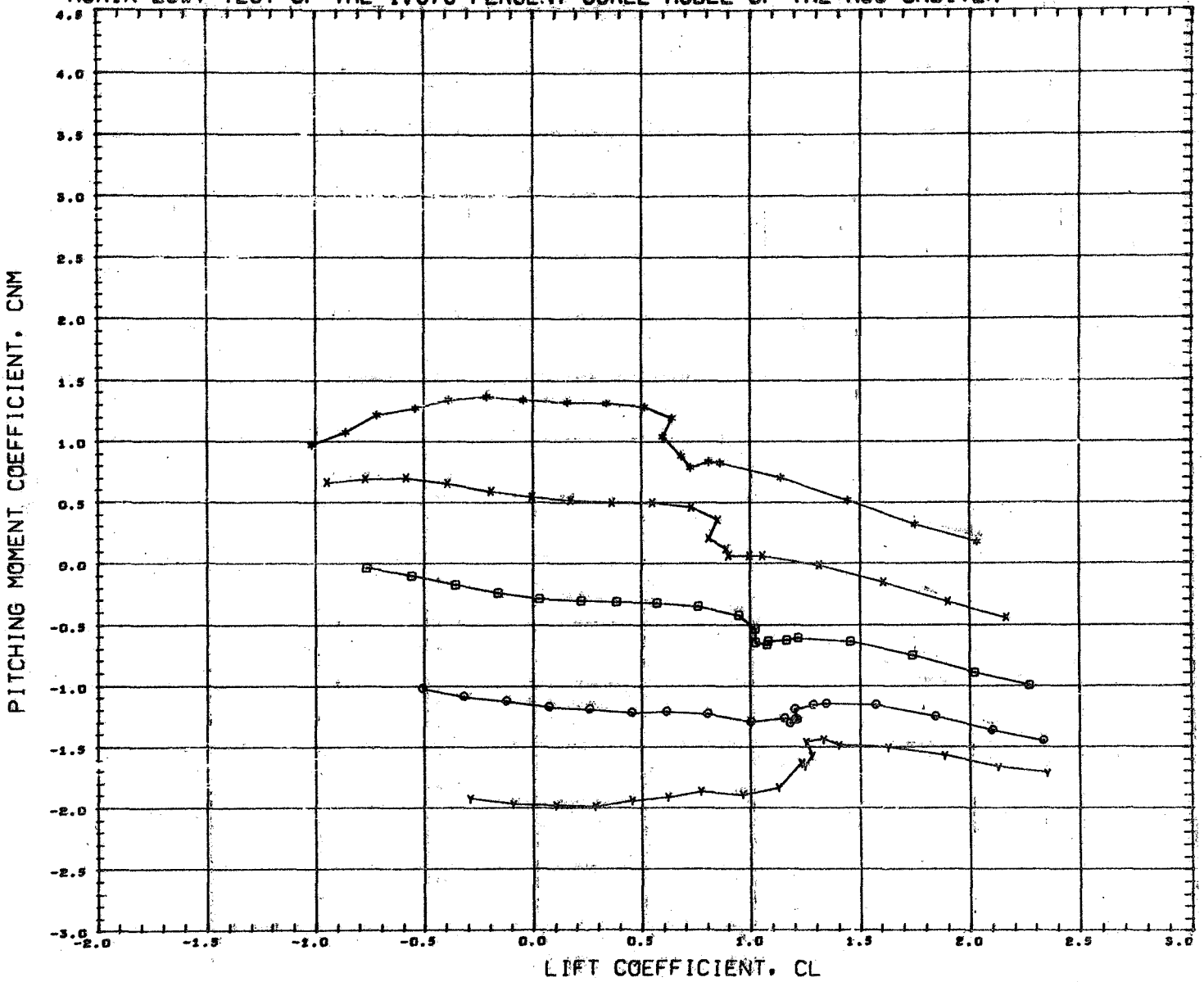
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
●	LSWT 223 1.875 FC MOD S5 ORB B1H12V3W1	(BC1073)	28 JUL 70	0.250
X	LSWT 223 1.875 FC MOD S5 ORB B1H12V3W1	(BC1072)	28 JUL 70	
⊡	LSWT 223 1.875 FC MOD S5 ORB B1H12V3W1	(BC1070)	28 JUL 70	
G	LSWT 223 1.875 FC MOD S5 ORB B1H12V3W1	(BC1071)	28 JUL 70	
Y	LSWT 223 1.875 FC MOD S5 ORB B1H12V3W1	(BC1074)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



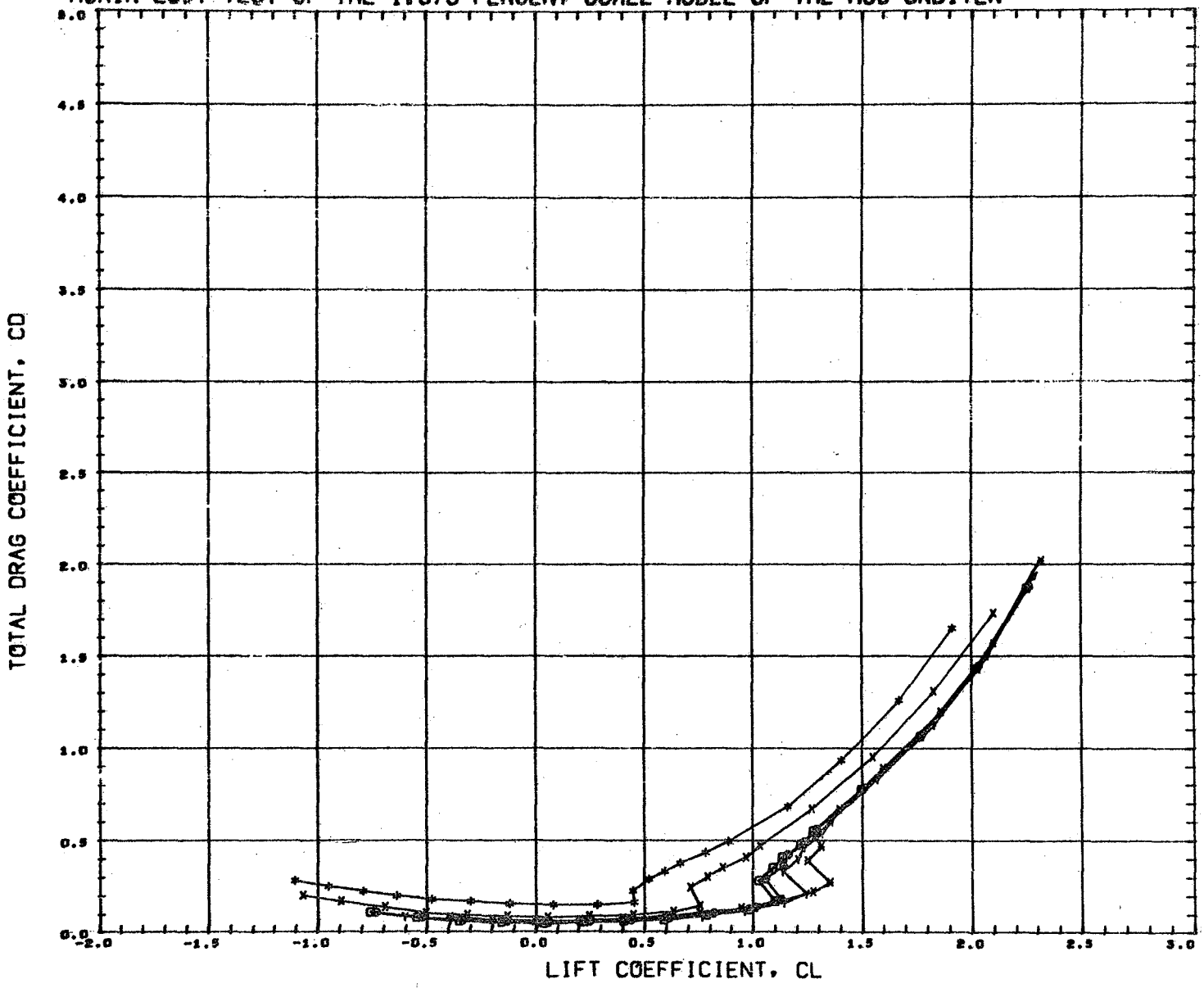
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1073)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1072)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1070)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1071)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1074)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



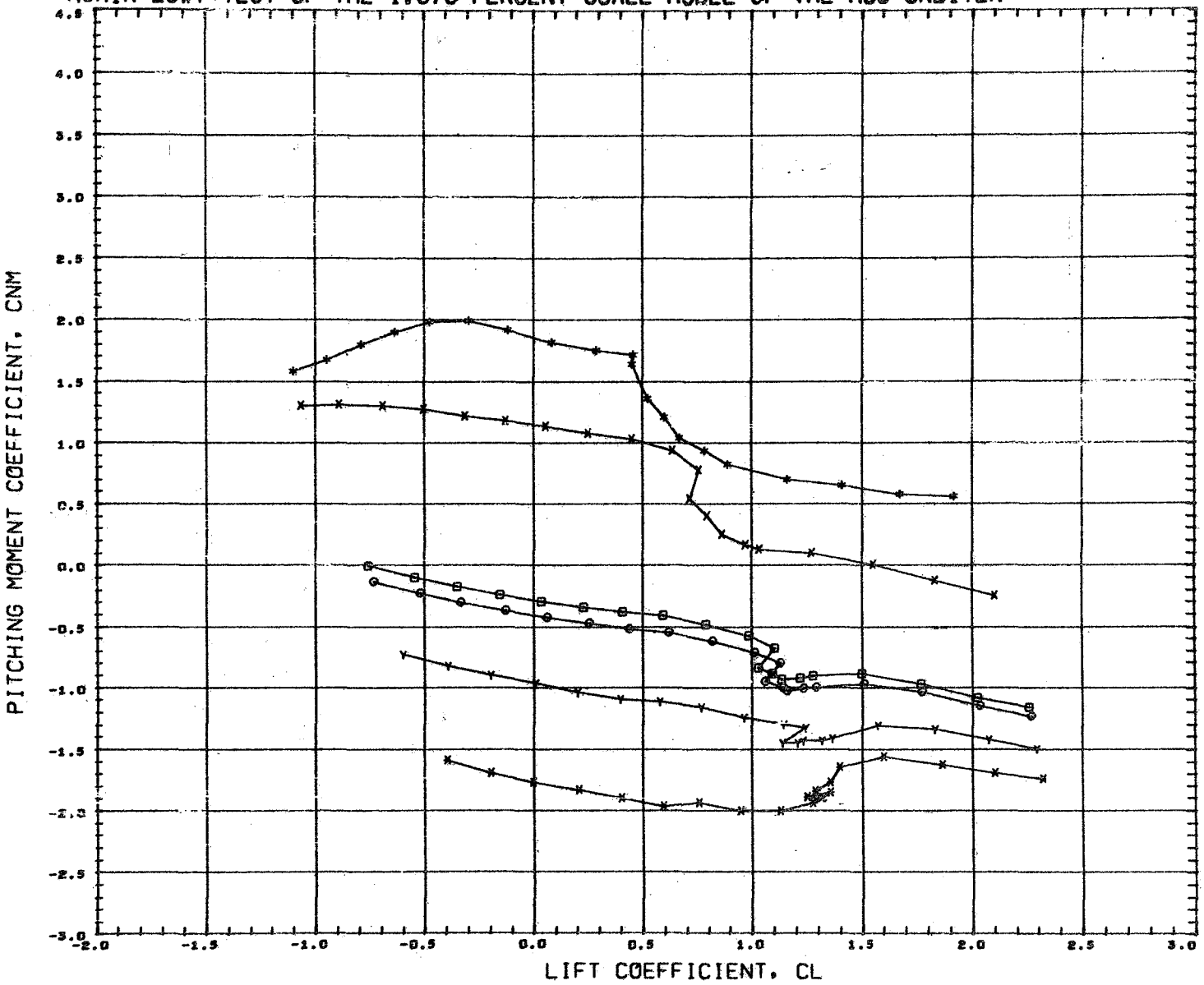
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G07)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	
⊕	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
⊖	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G02)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G03)	28 JUL 70	
✳	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



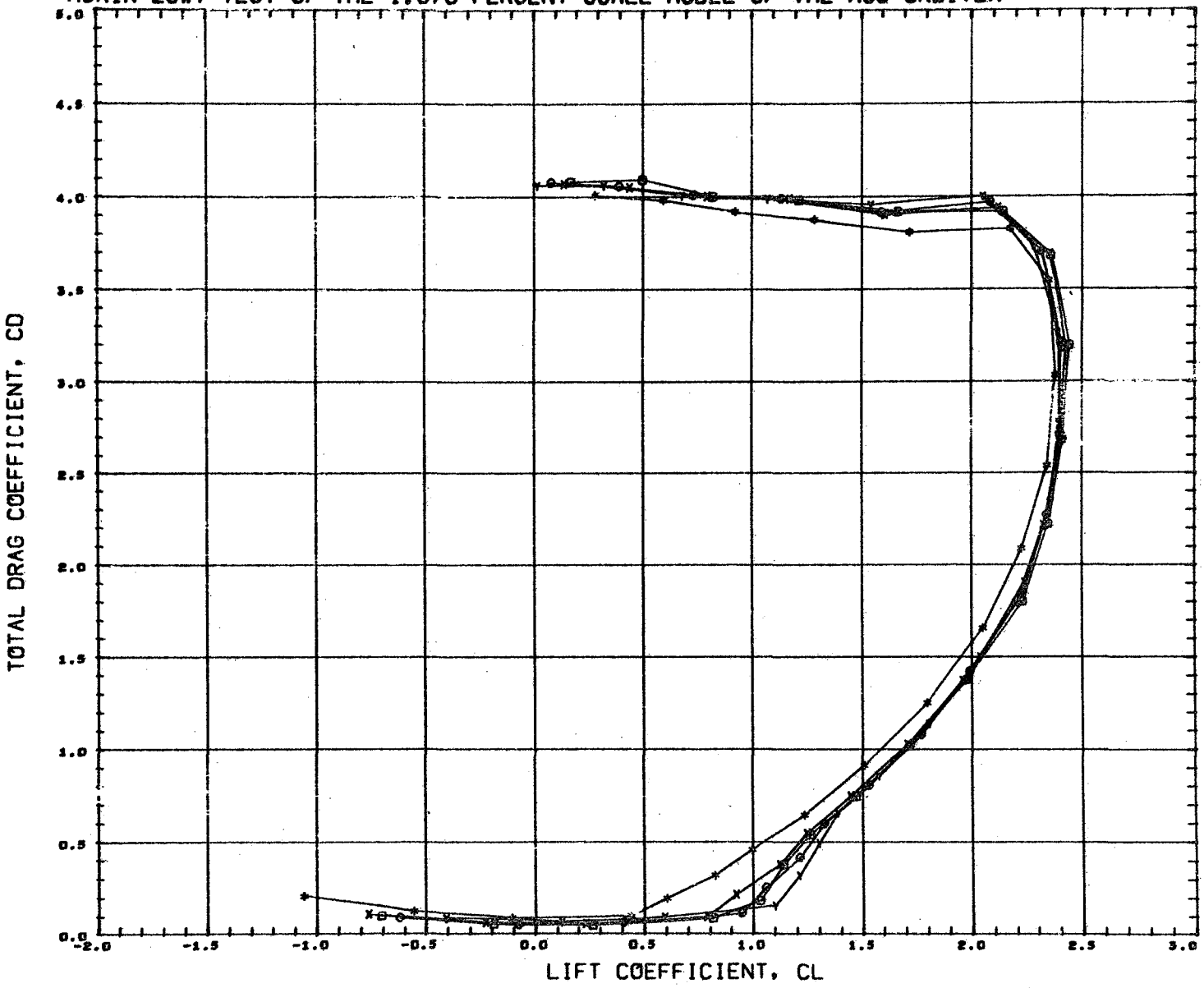
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G07)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G02)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G03)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



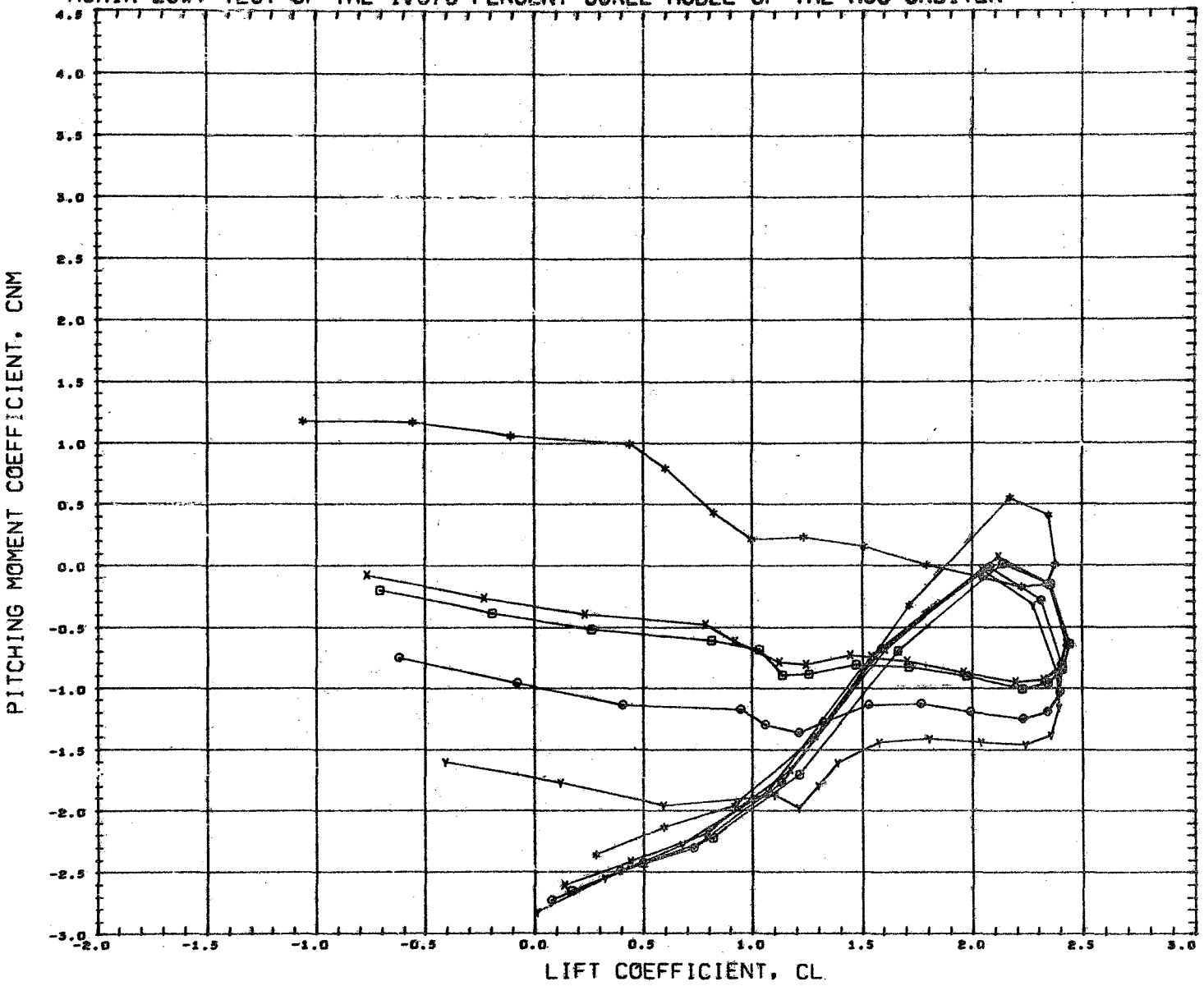
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H12)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H10)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H01)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H07)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



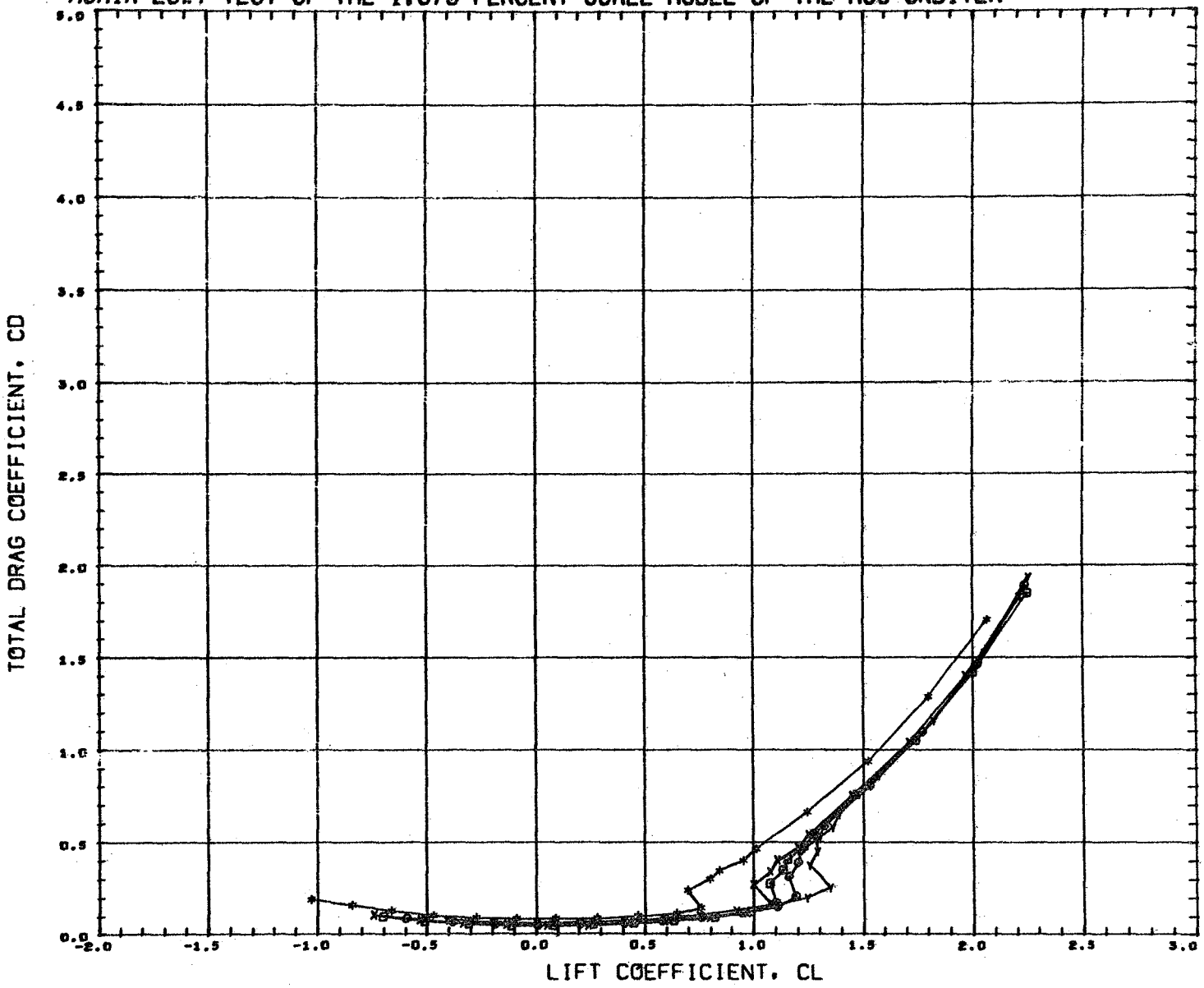
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD 55 ORB. B1H1513V3W1	(BC1H12)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD 55 ORB. B1H1513V3W1	(BC1H10)	28 JUL 70	
⊟	LSWT 223 1.875 PC MOD 55 ORB. B1H1513V3W1	(BC1H01)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD 55 ORB. B1H1513V3W1	(BC1H06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD 55 ORB. B1H1513V3W1	(BC1H07)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.58370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



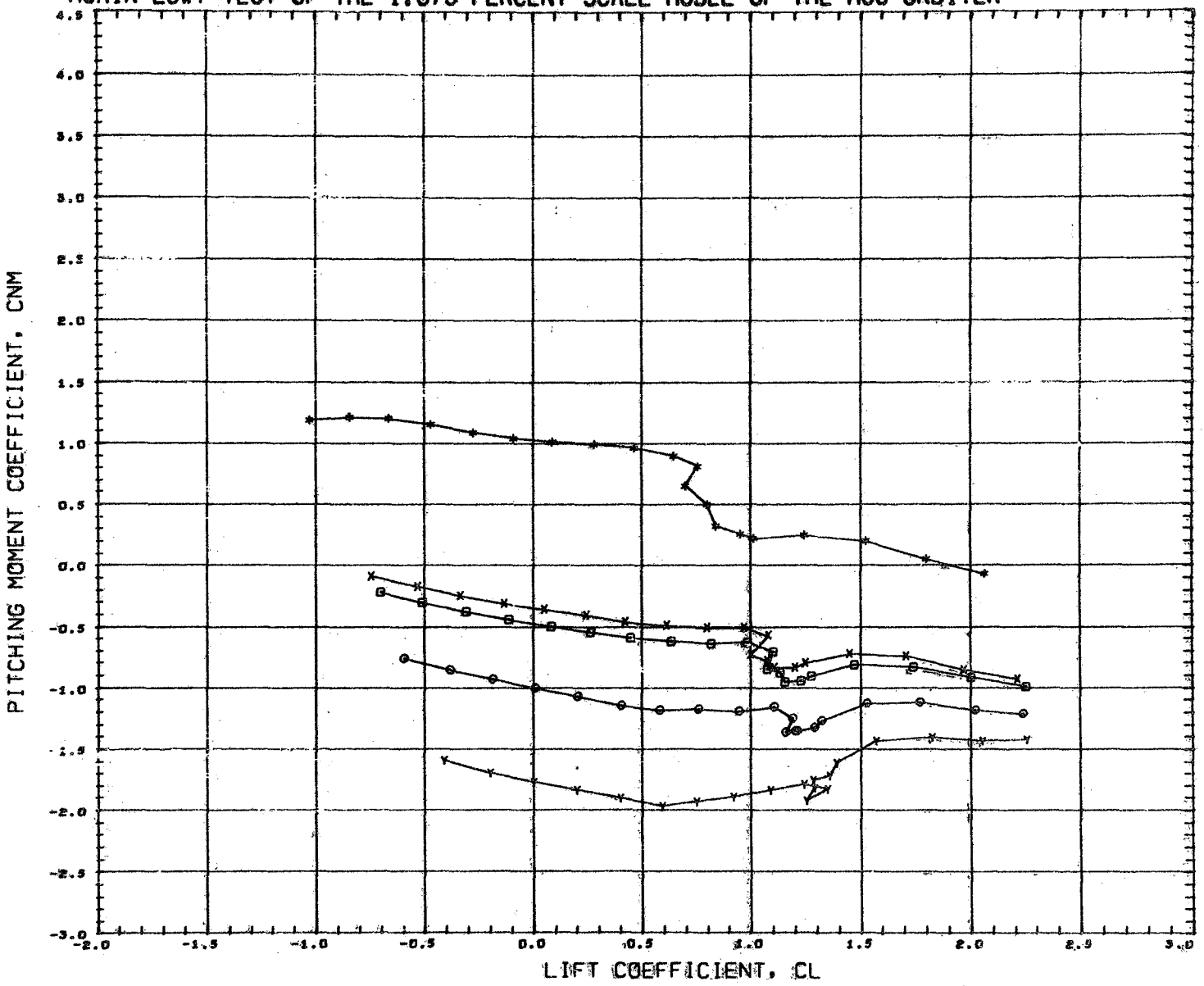
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
⊠	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H00)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H05)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H06)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



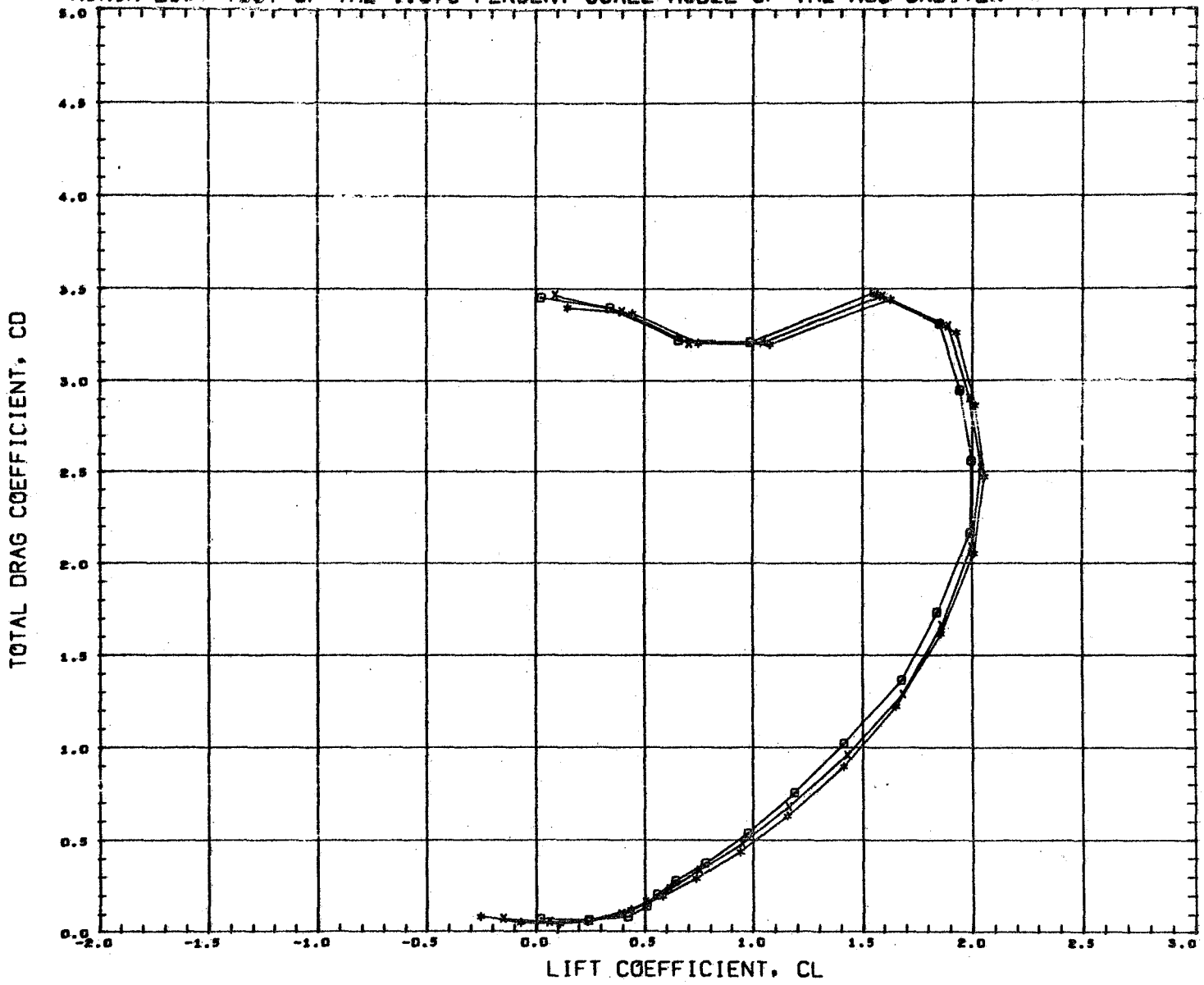
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H00)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H05)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



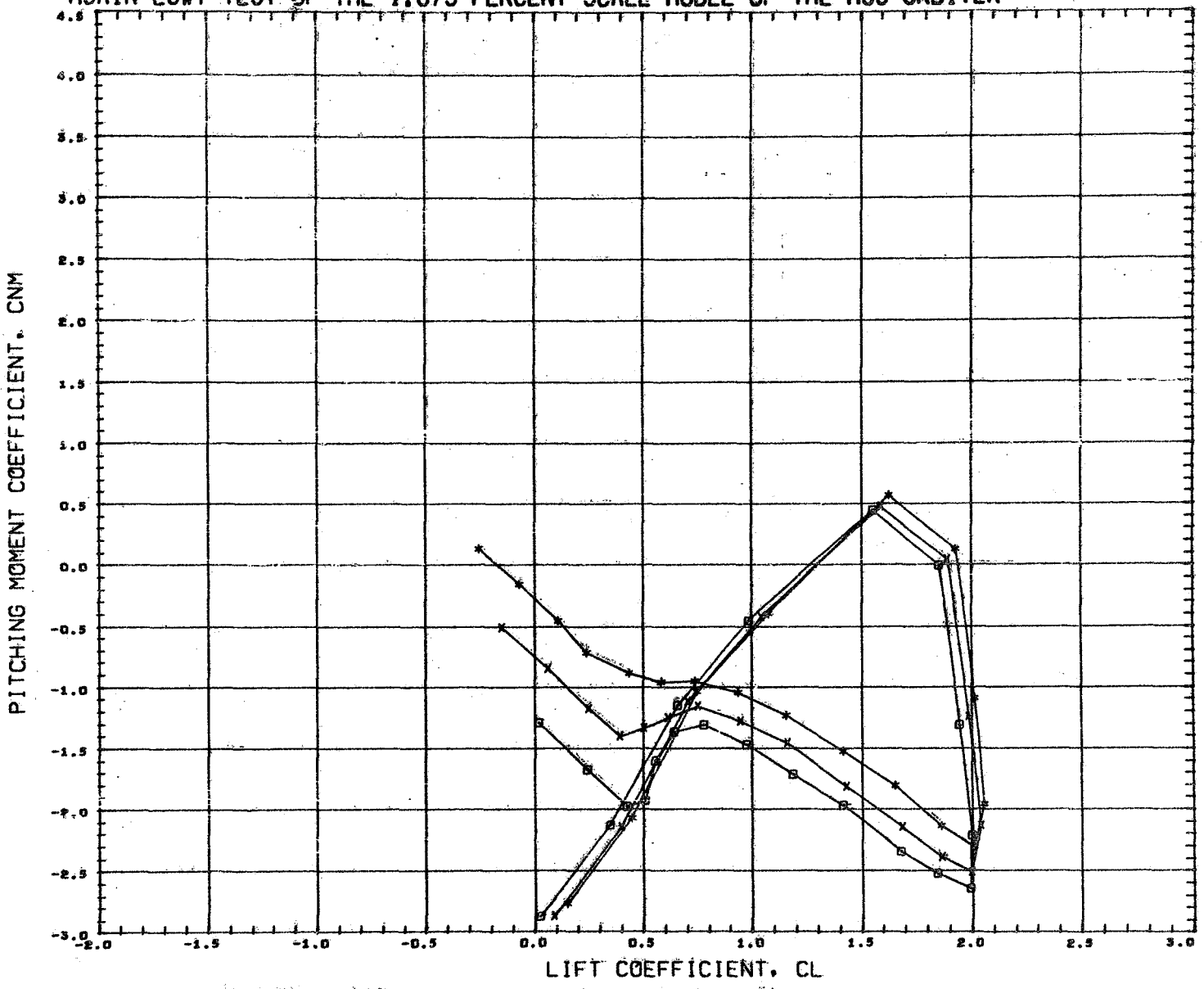
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
●	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1062)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1064)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1061)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



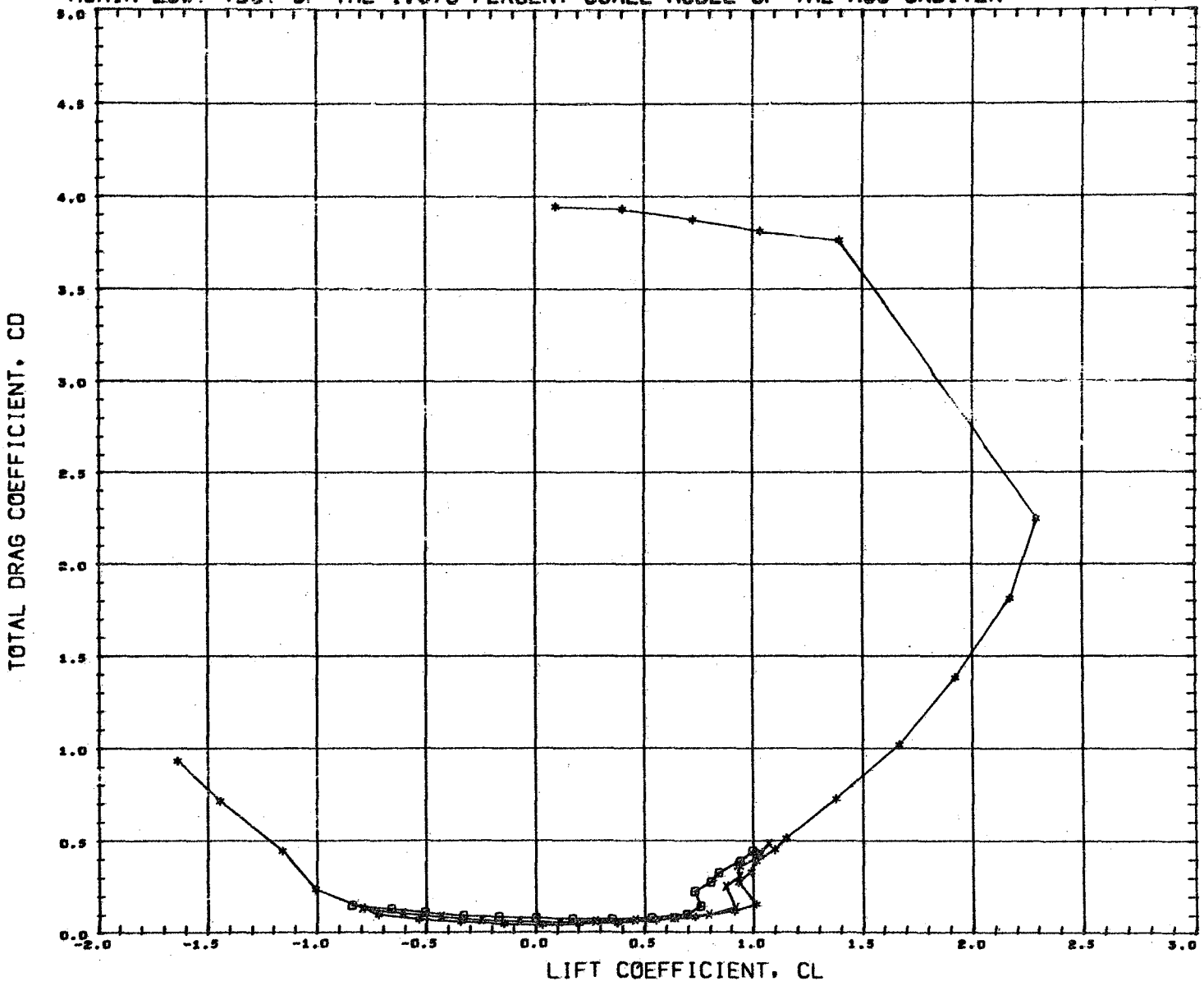
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1062)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1064)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1061)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 3710D150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



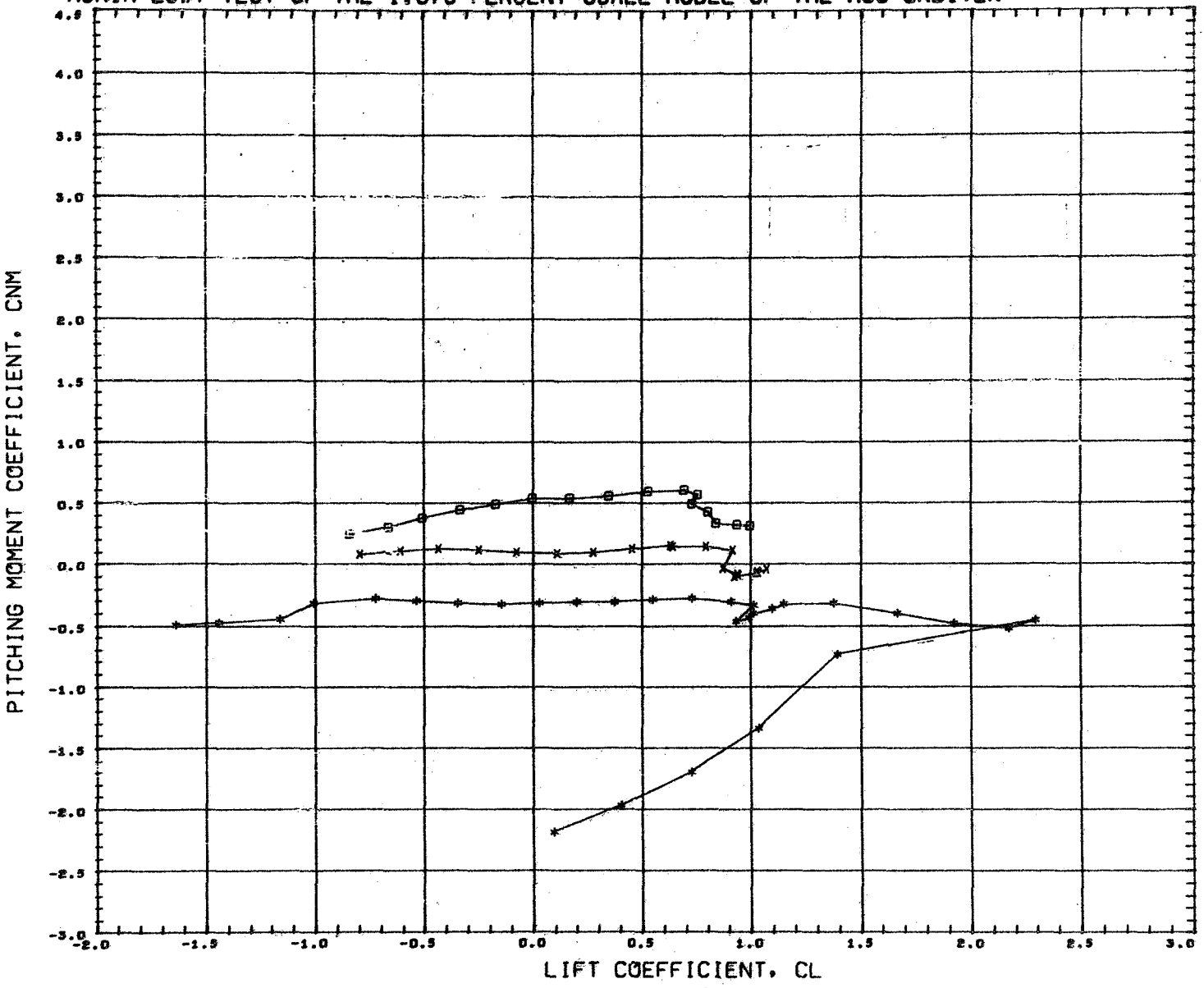
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F00)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F02)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F03)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE . SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



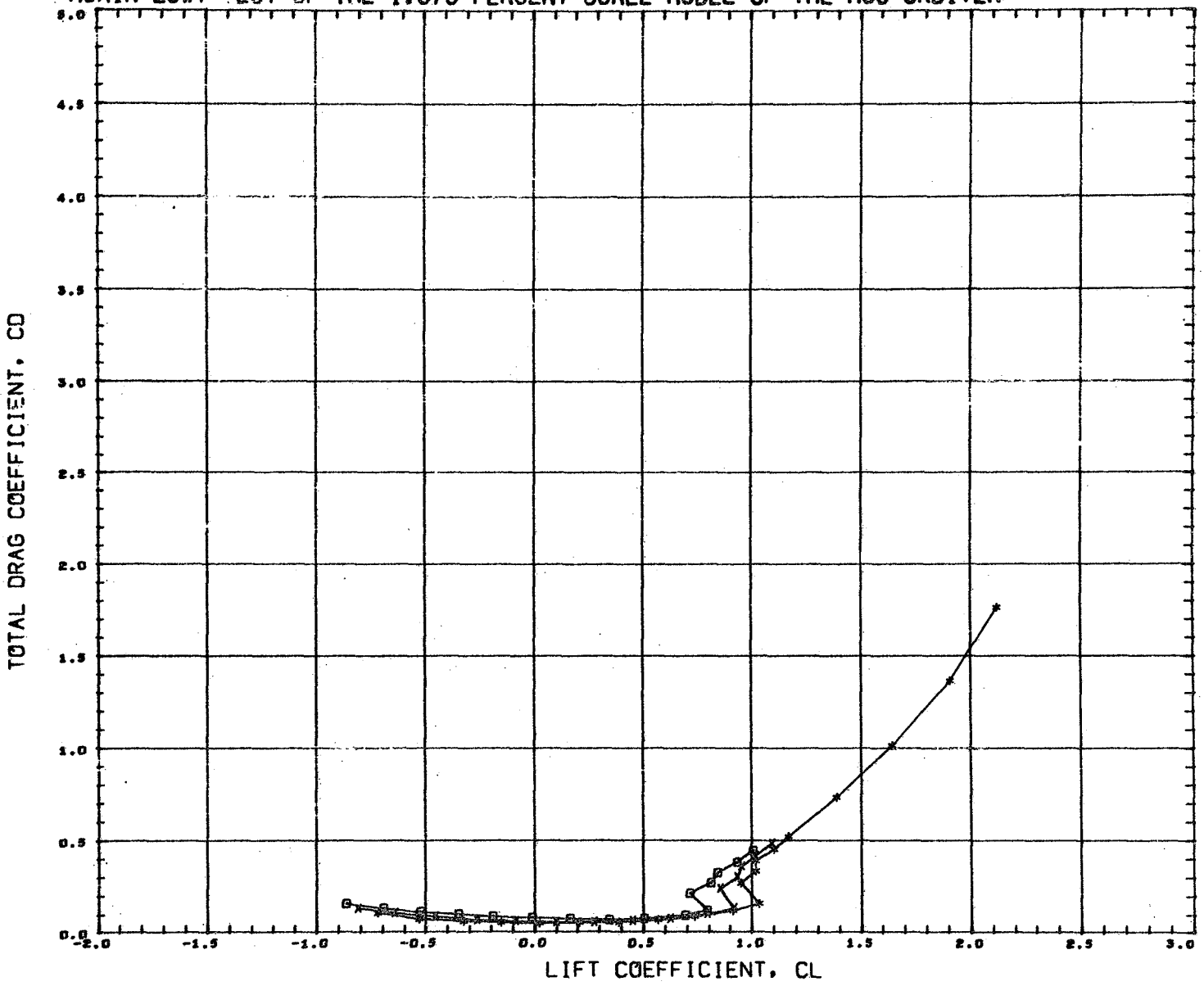
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F00)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F02)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F03)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



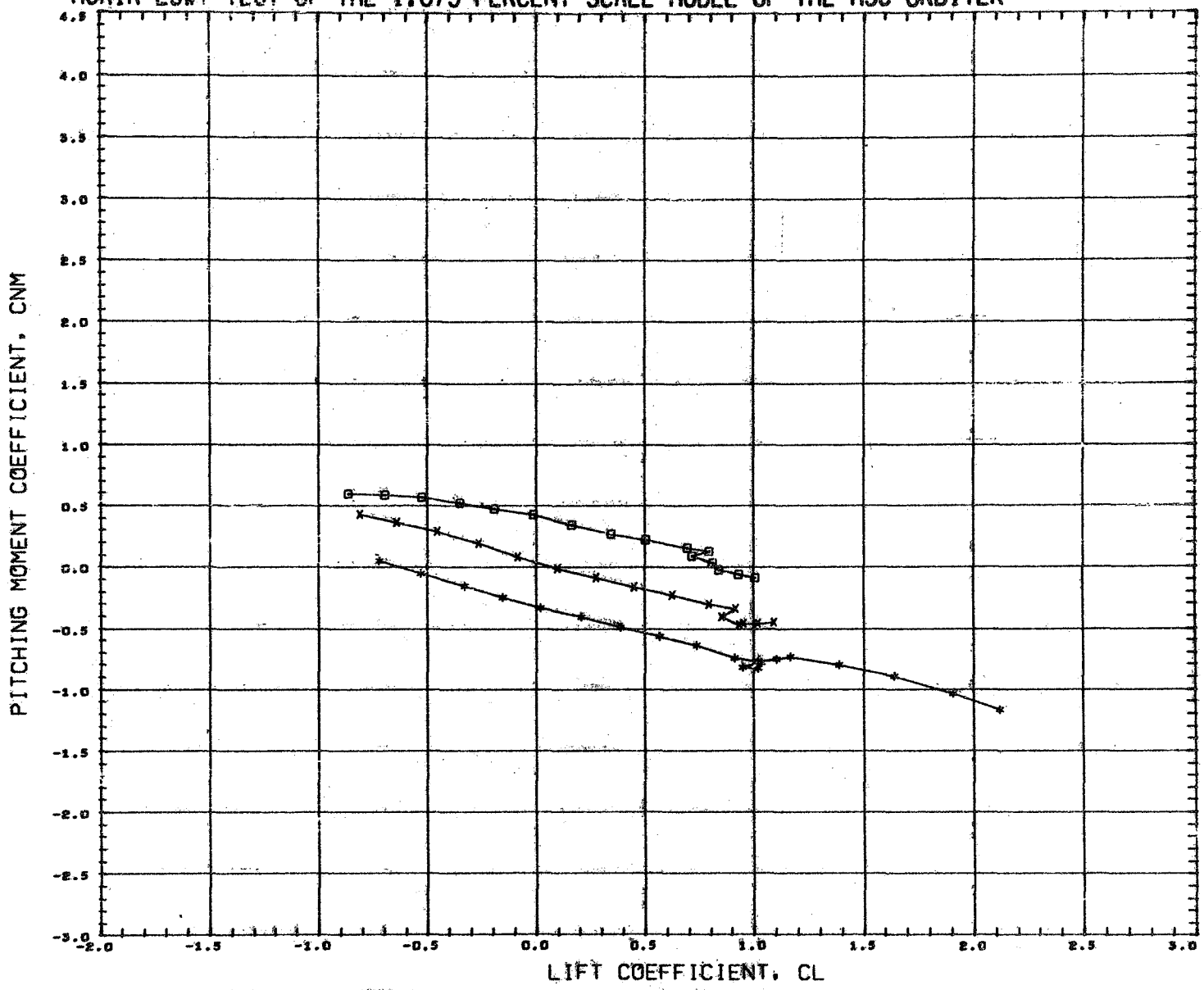
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A02)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A01)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A00)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



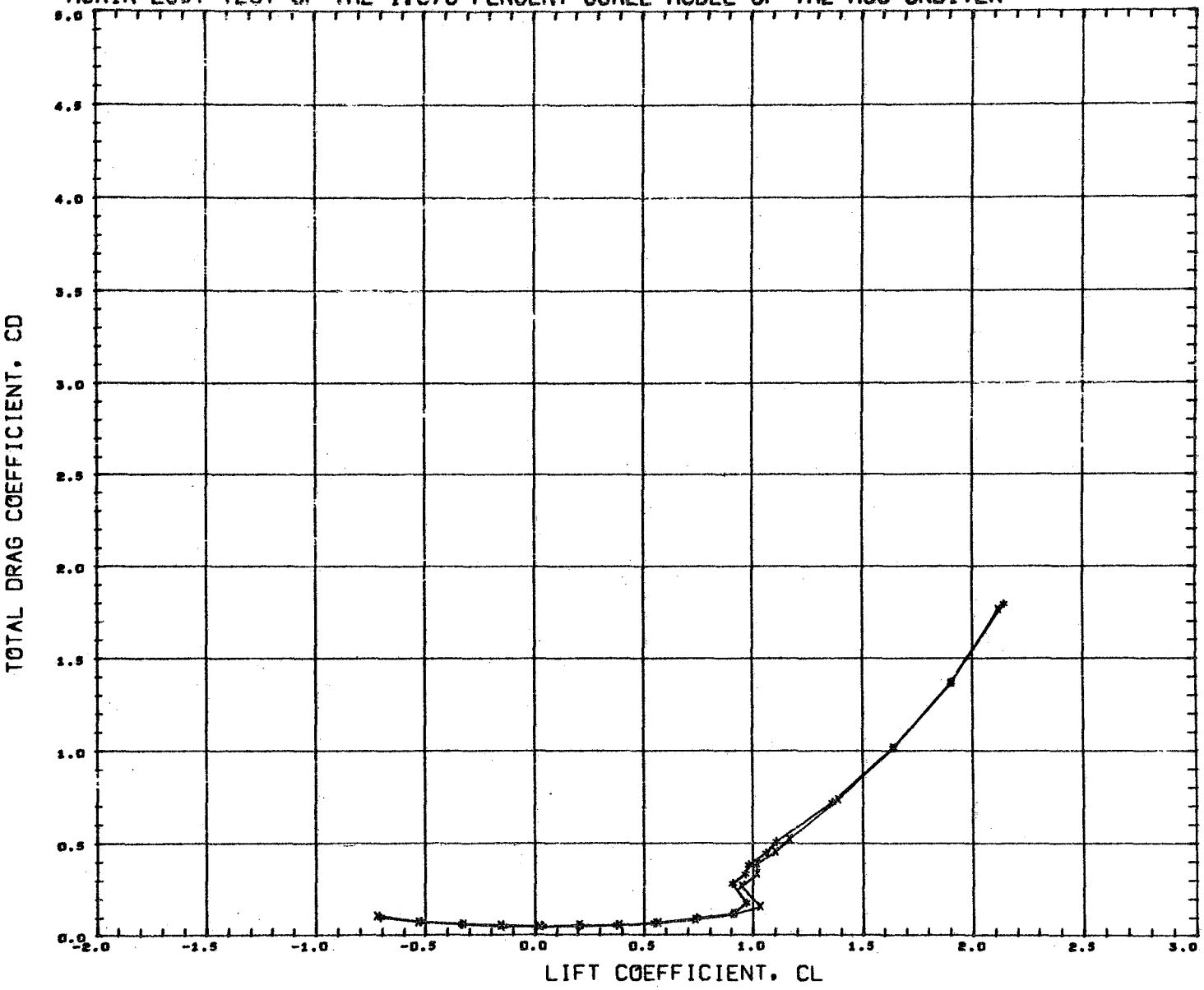
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD 55 ORB B1H6V3W1 (AFT)	(BC1AD2)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD 55 ORB B1H6V3W1 (AFT)	(BC1AD1)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD 55 ORB B1H6V3W1 (AFT)	(BC1AD0)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38570 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



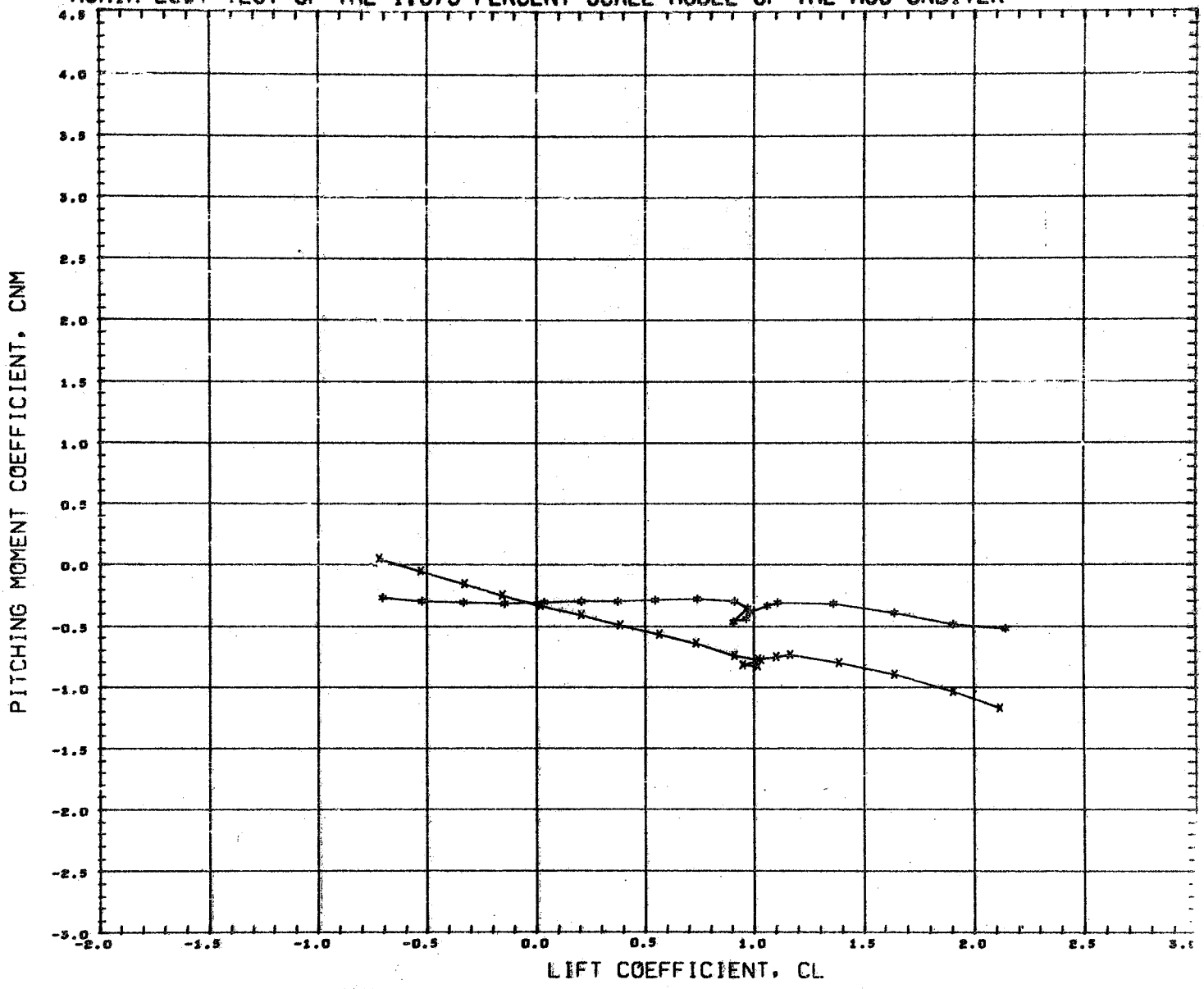
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A02)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



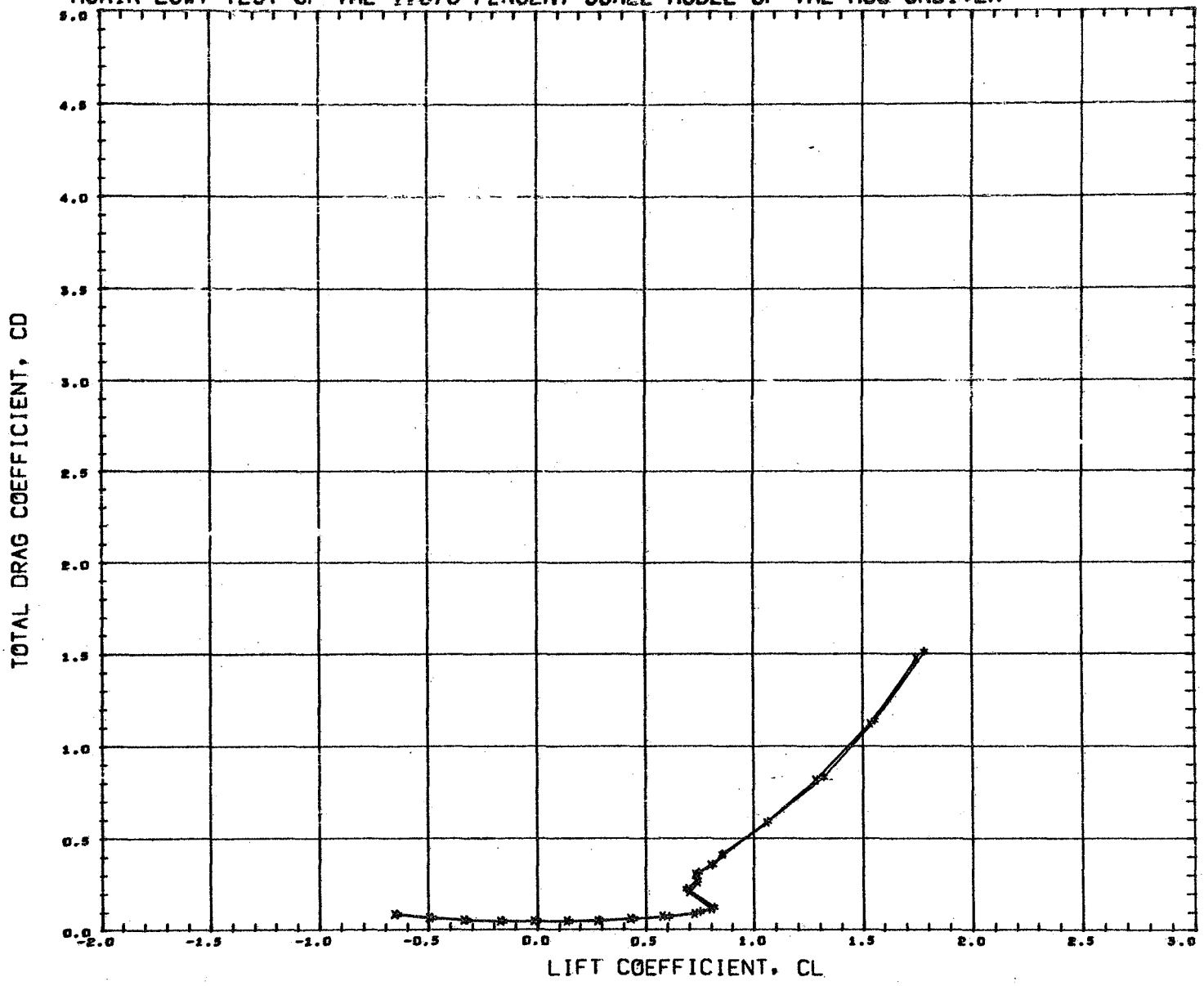
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A02)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



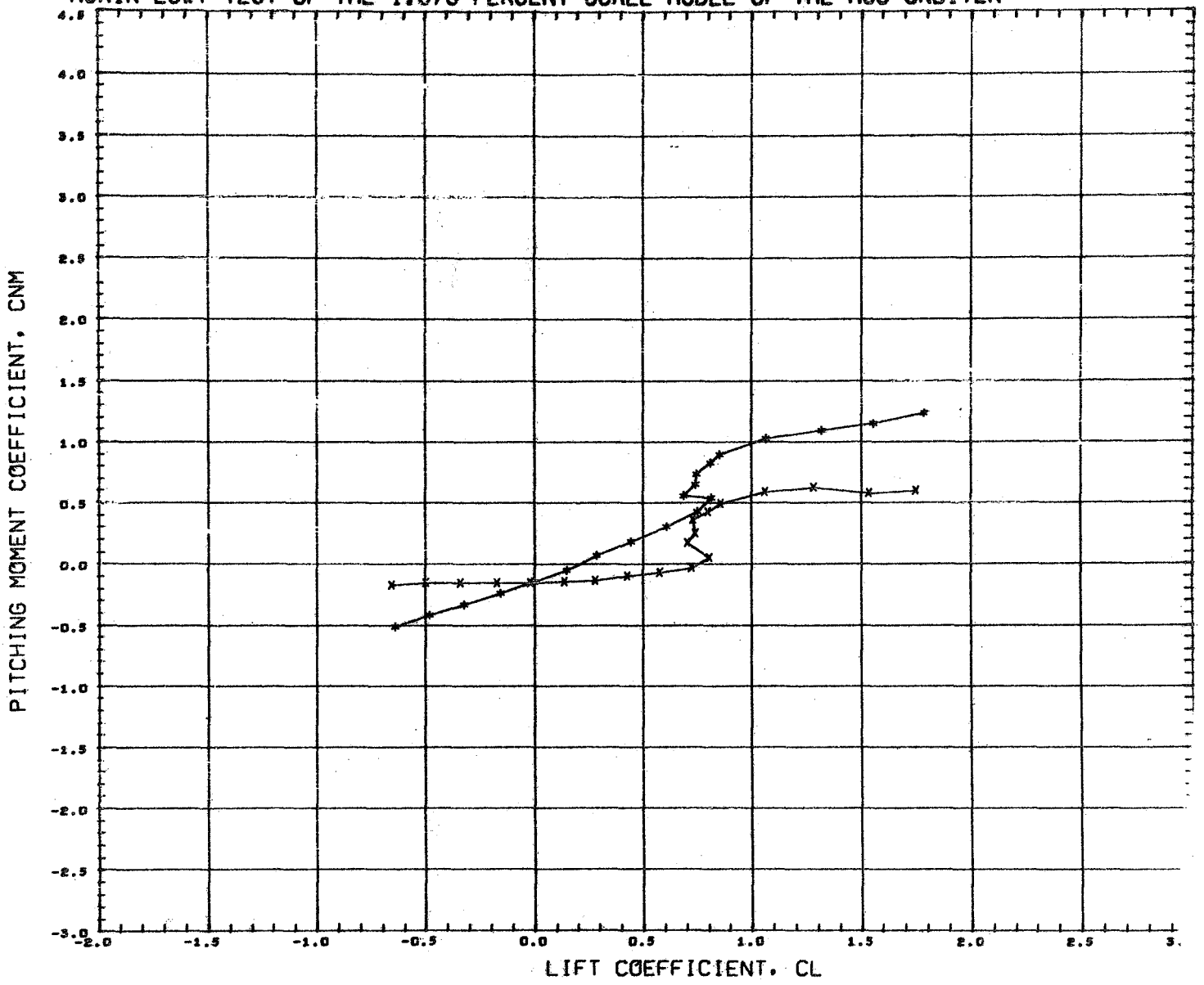
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1040)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



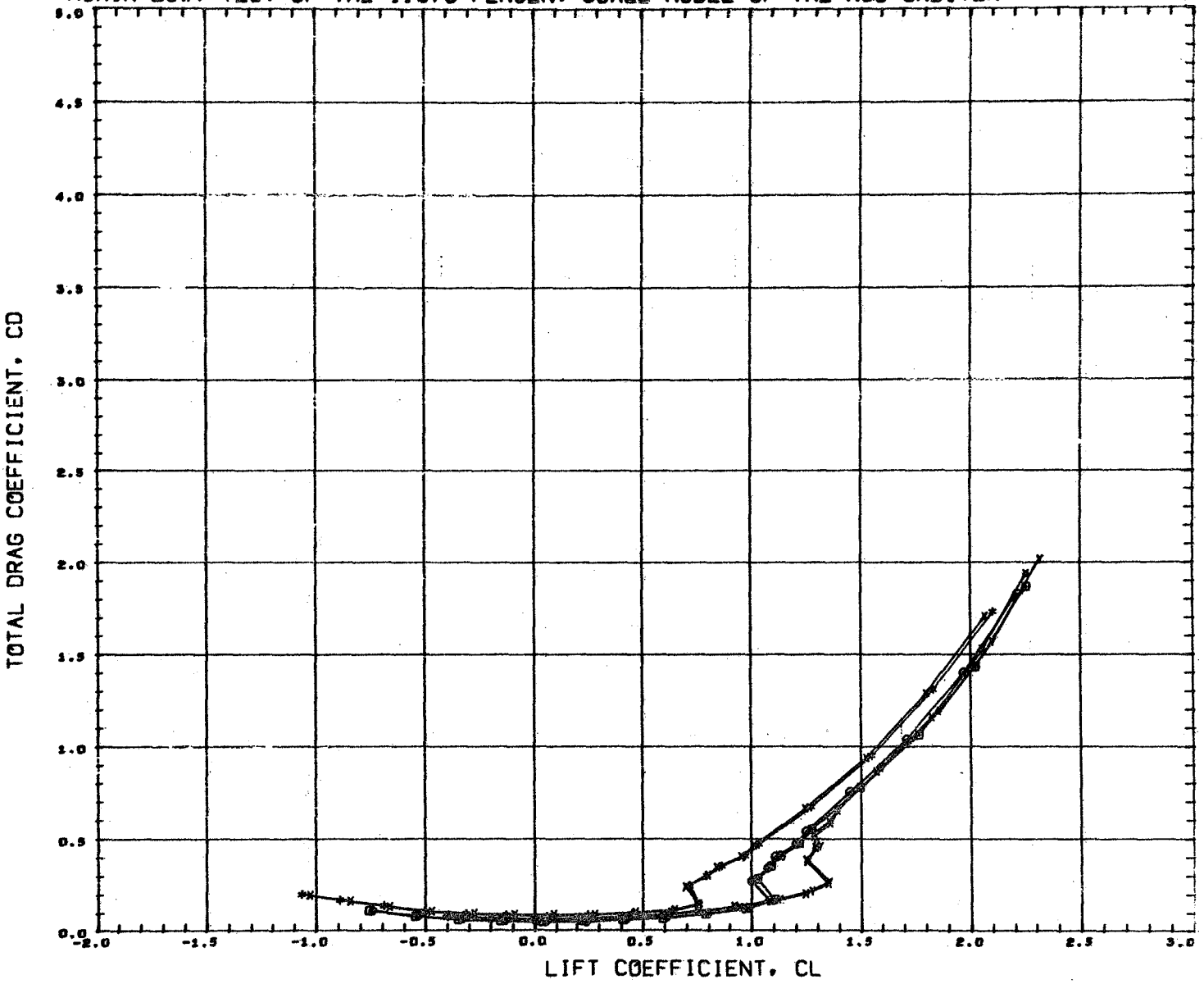
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1040)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



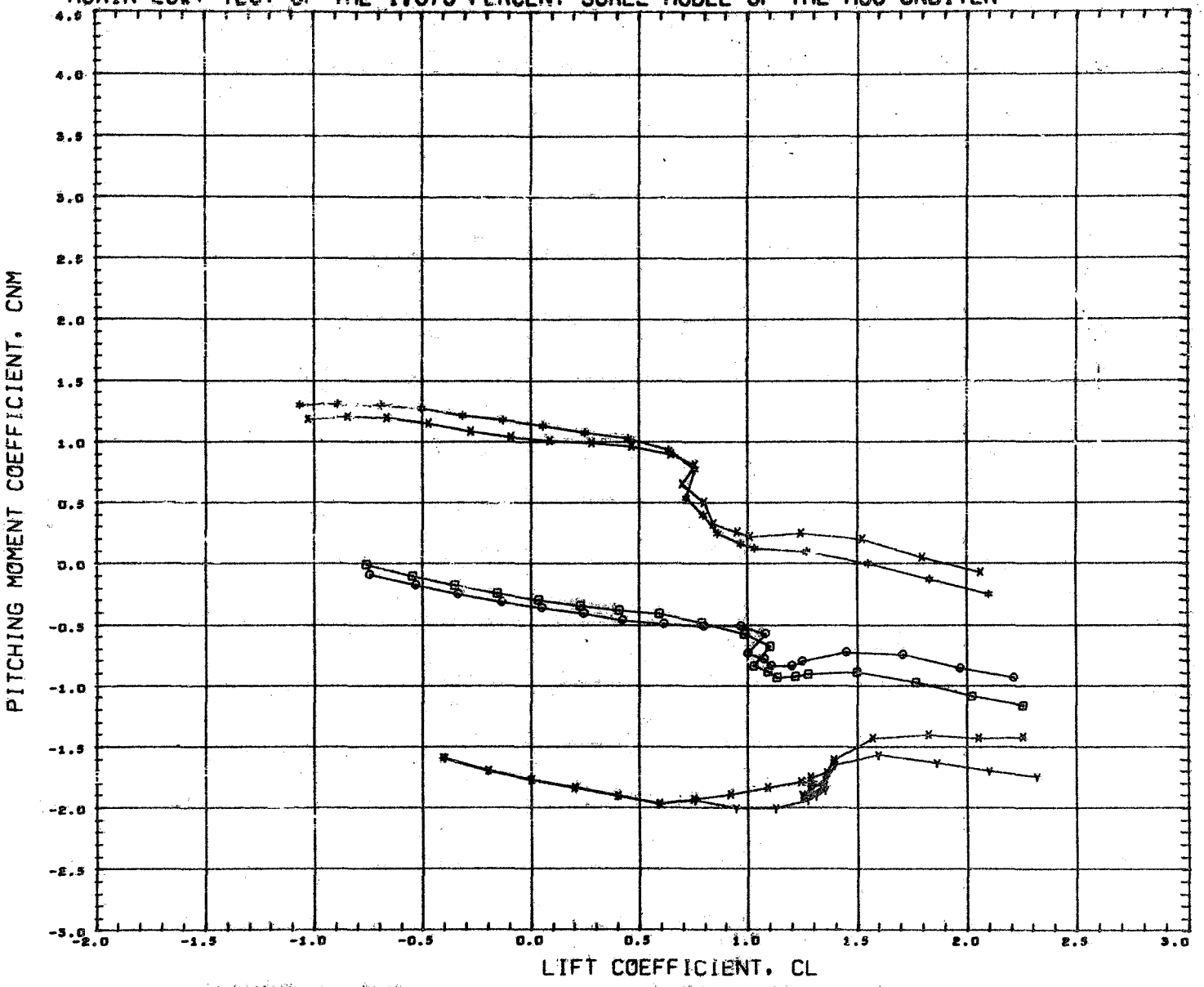
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	
N	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



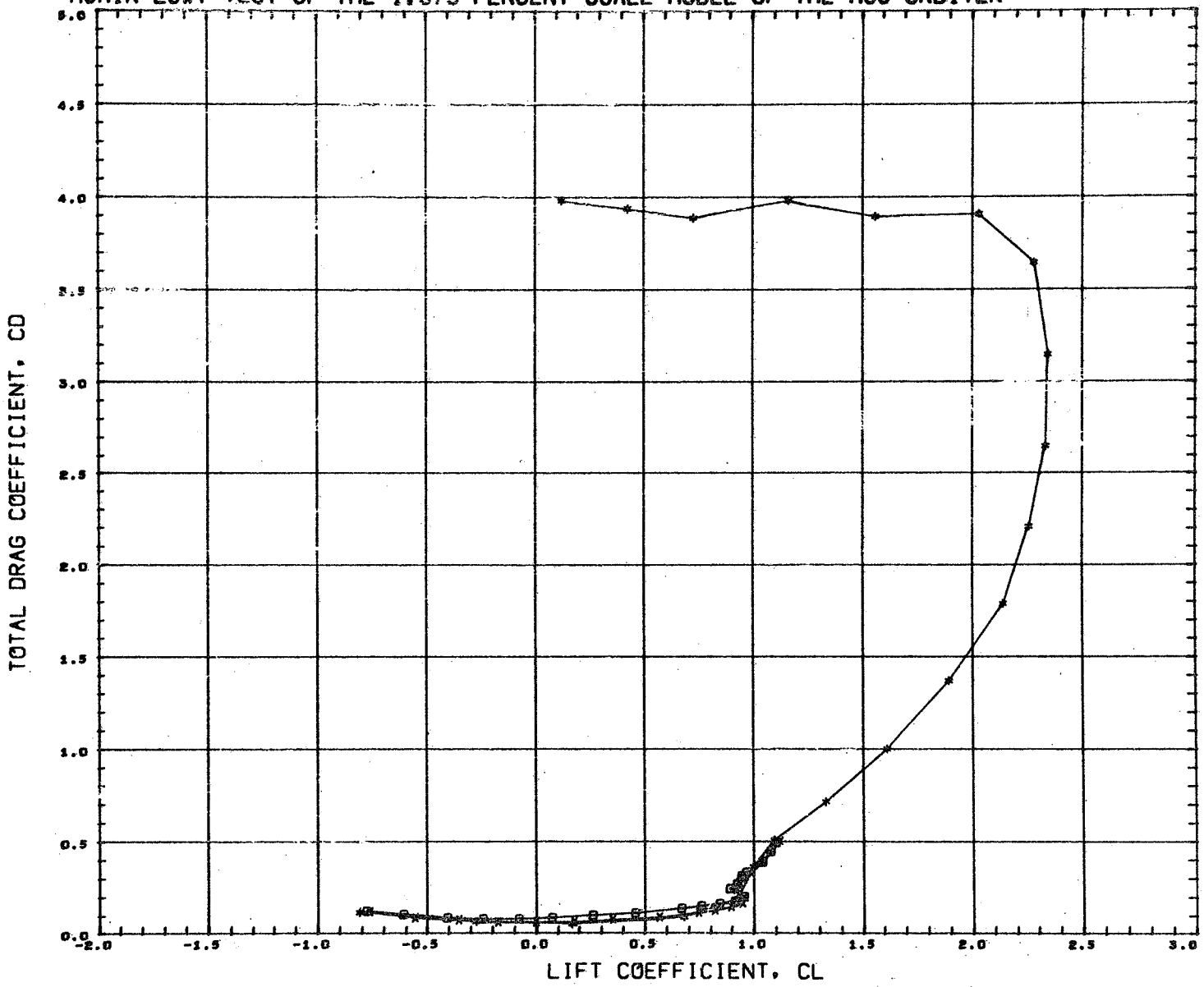
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	
#	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



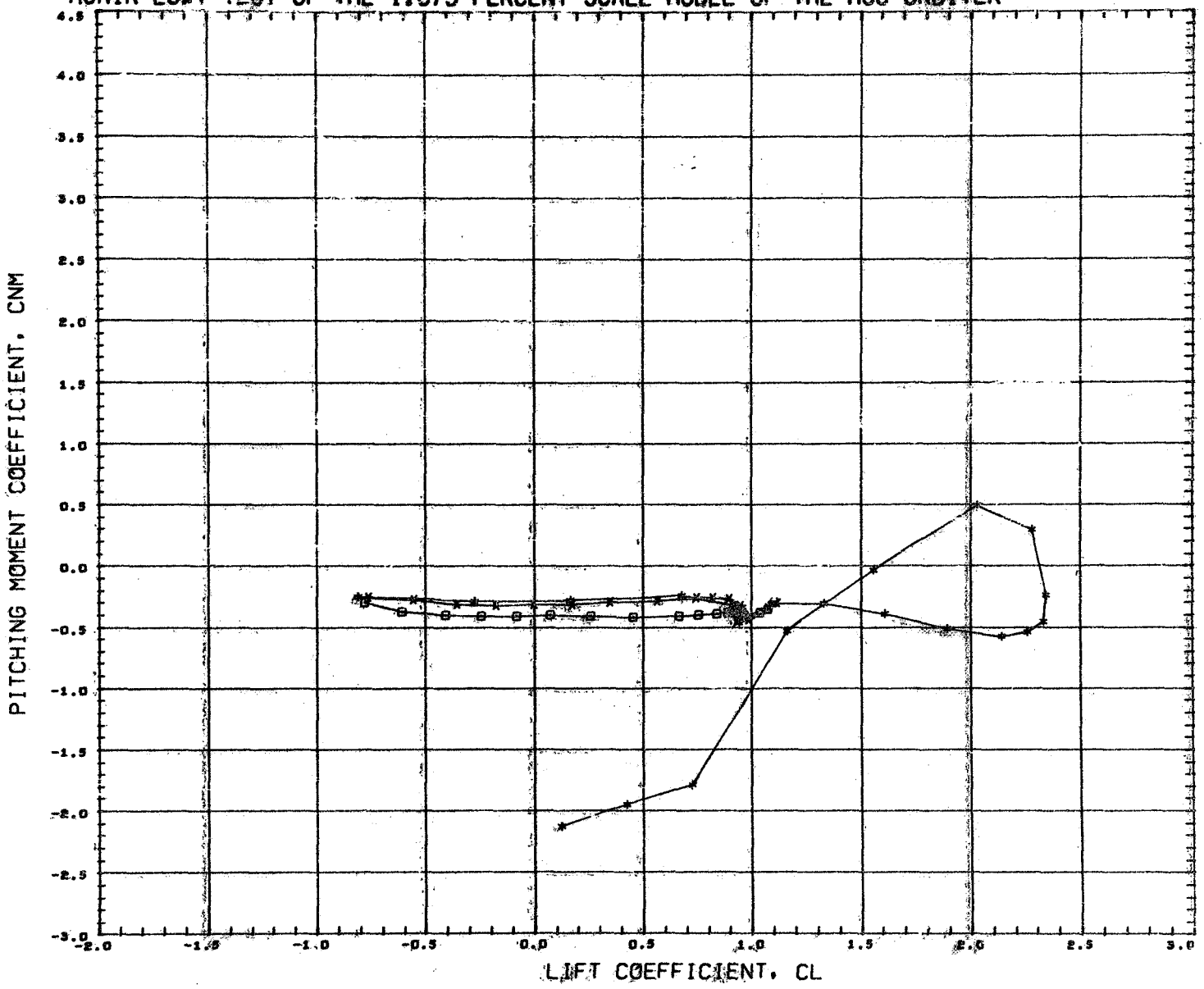
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F17)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H5S2V3W1	(BC1083)	28 JUL 70	
Ø	LSWT 223 1.875 PC MOD S5 ORB. B1H6S3V3W1	(BC1084)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



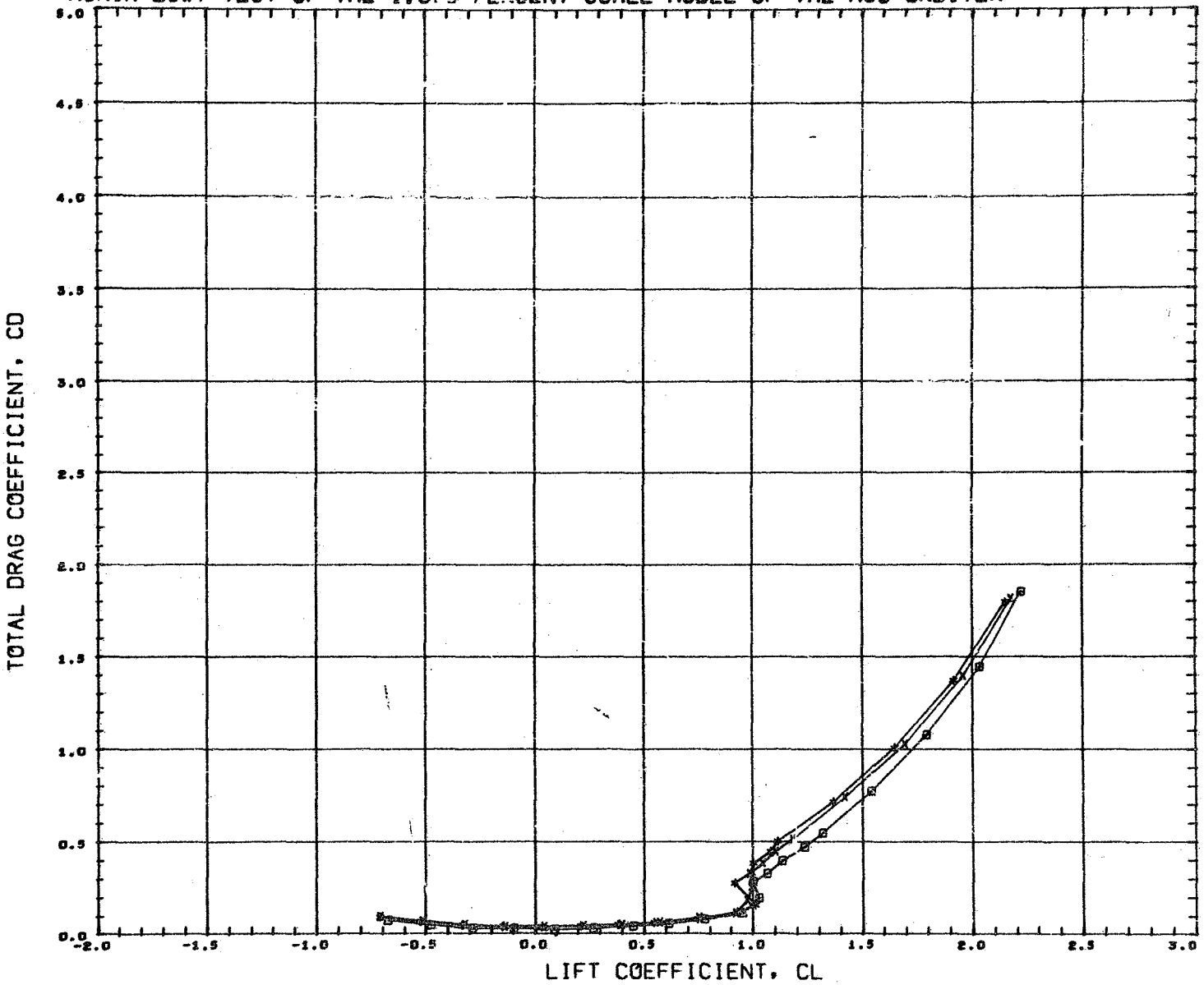
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F17)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6S2V3W1	(BC1083)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H6S3V3W1	(BC1084)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.90000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



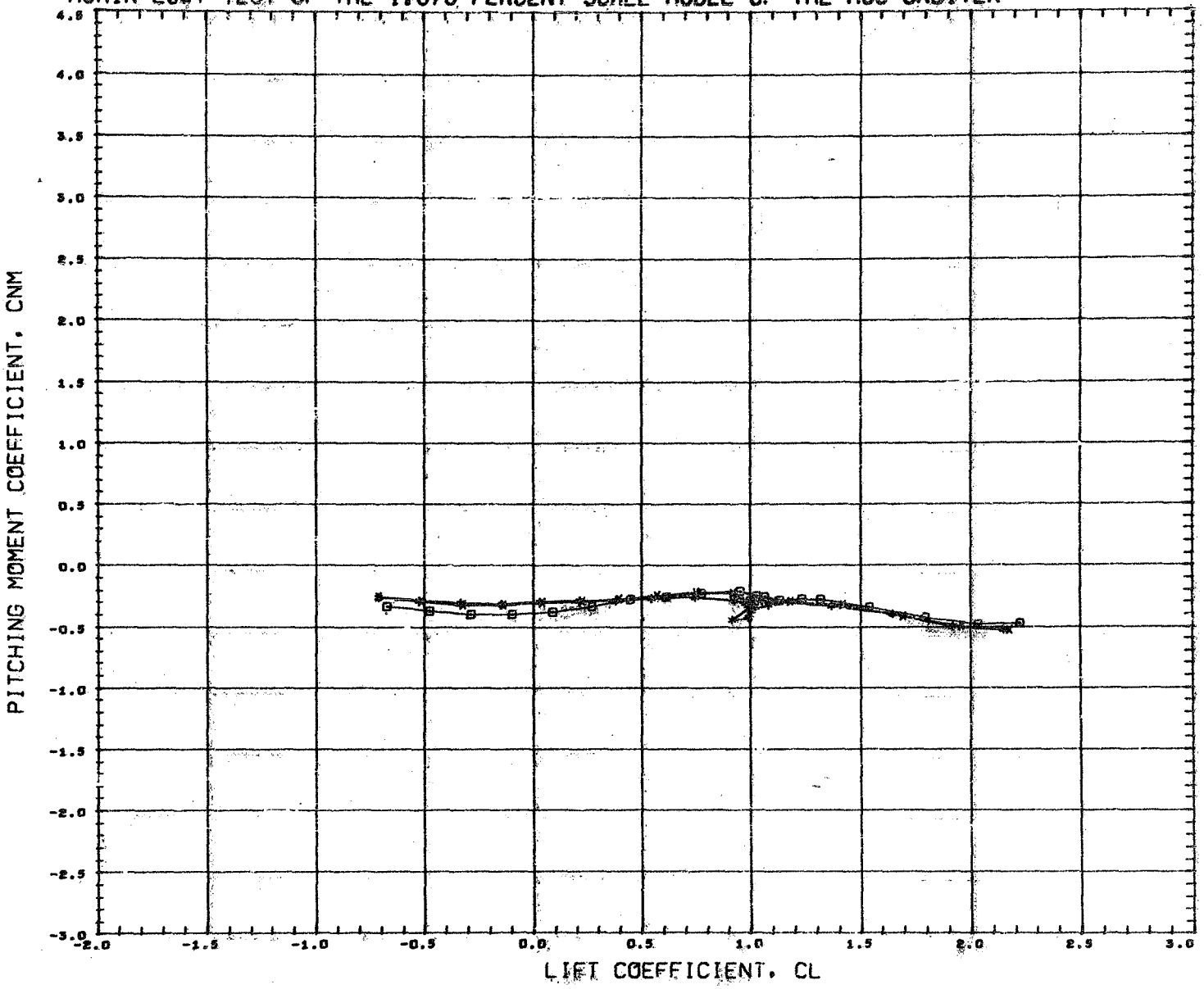
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1053)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1054)	28 JUL 70	

REFERENCE INFORMATION

REFS	5.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



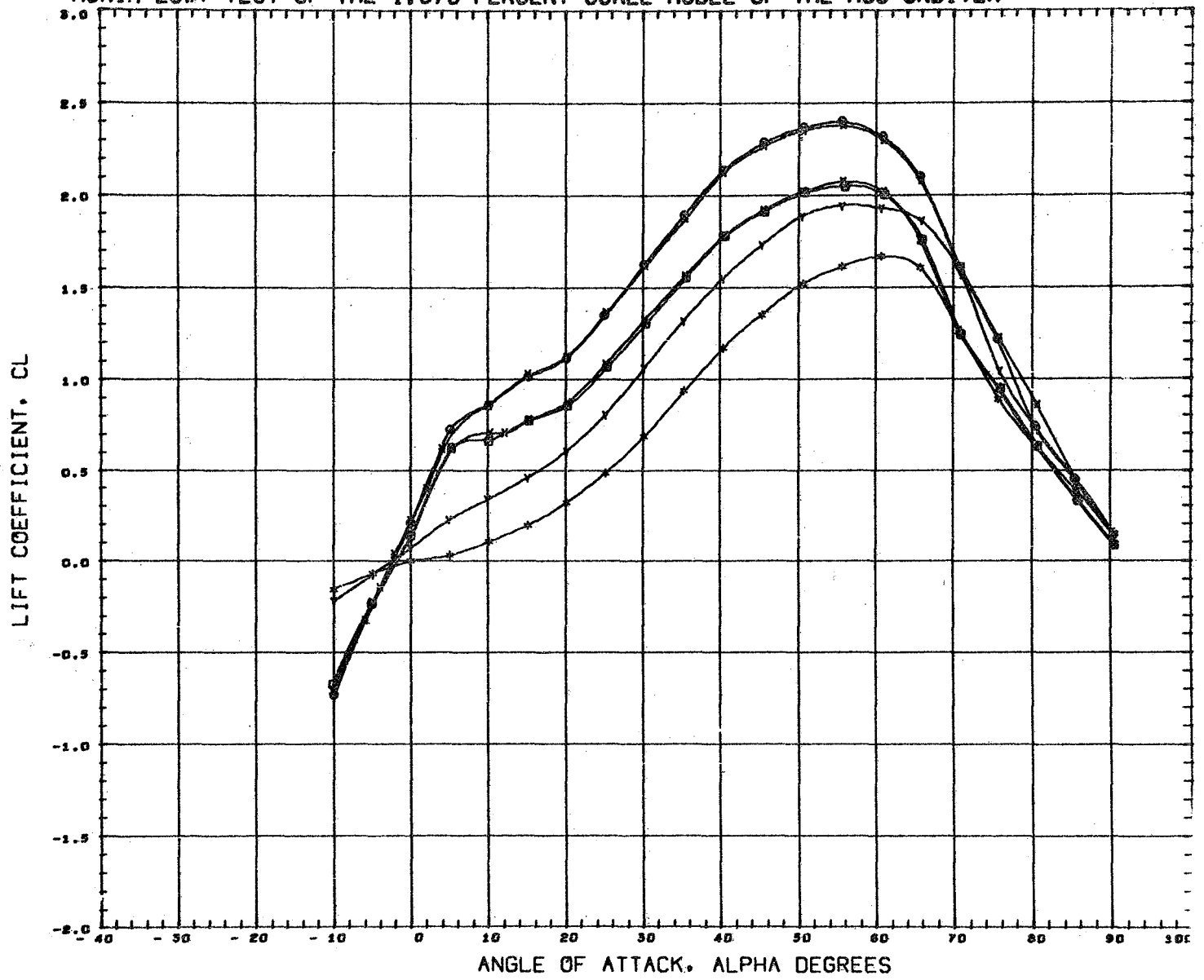
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1053)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1054)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.0000 \times 10^{+00}$	IN.
ZMRP	$2.4000 \times 10^{+00}$	IN.
SCALE	1.67500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



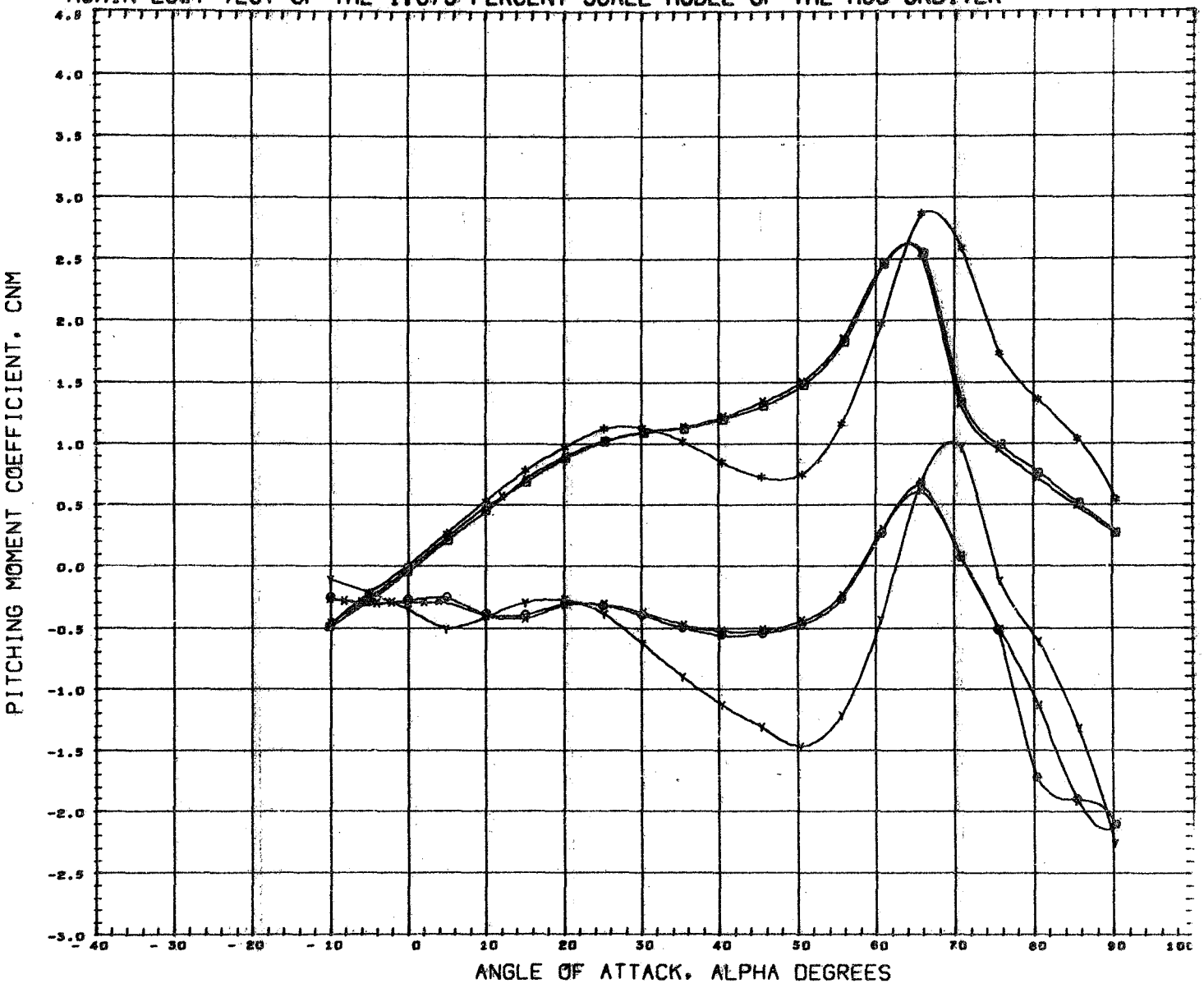
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1000)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1011)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1042)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1051)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1030)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

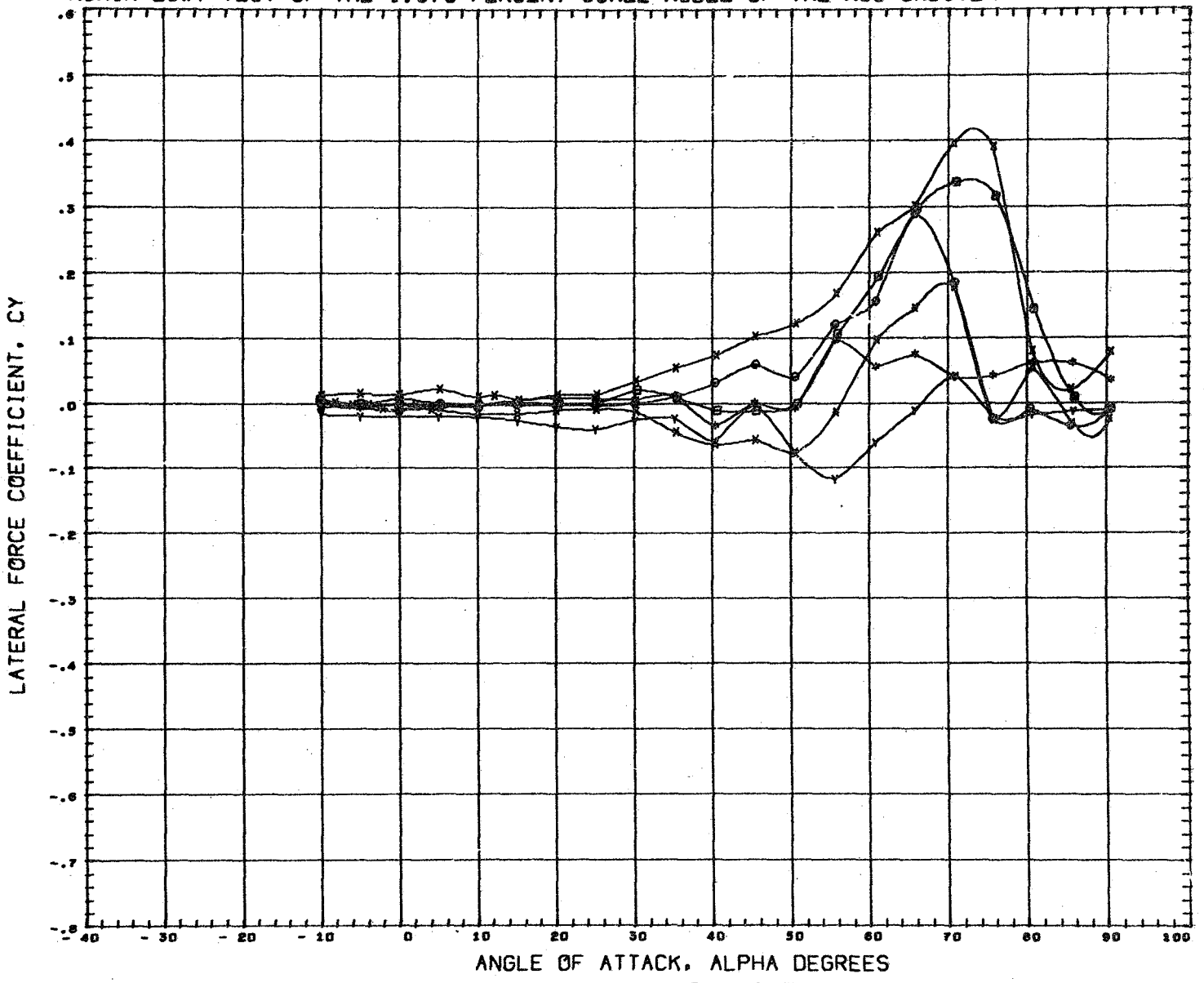


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1000)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1011)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1042)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1051)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1030)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F06)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

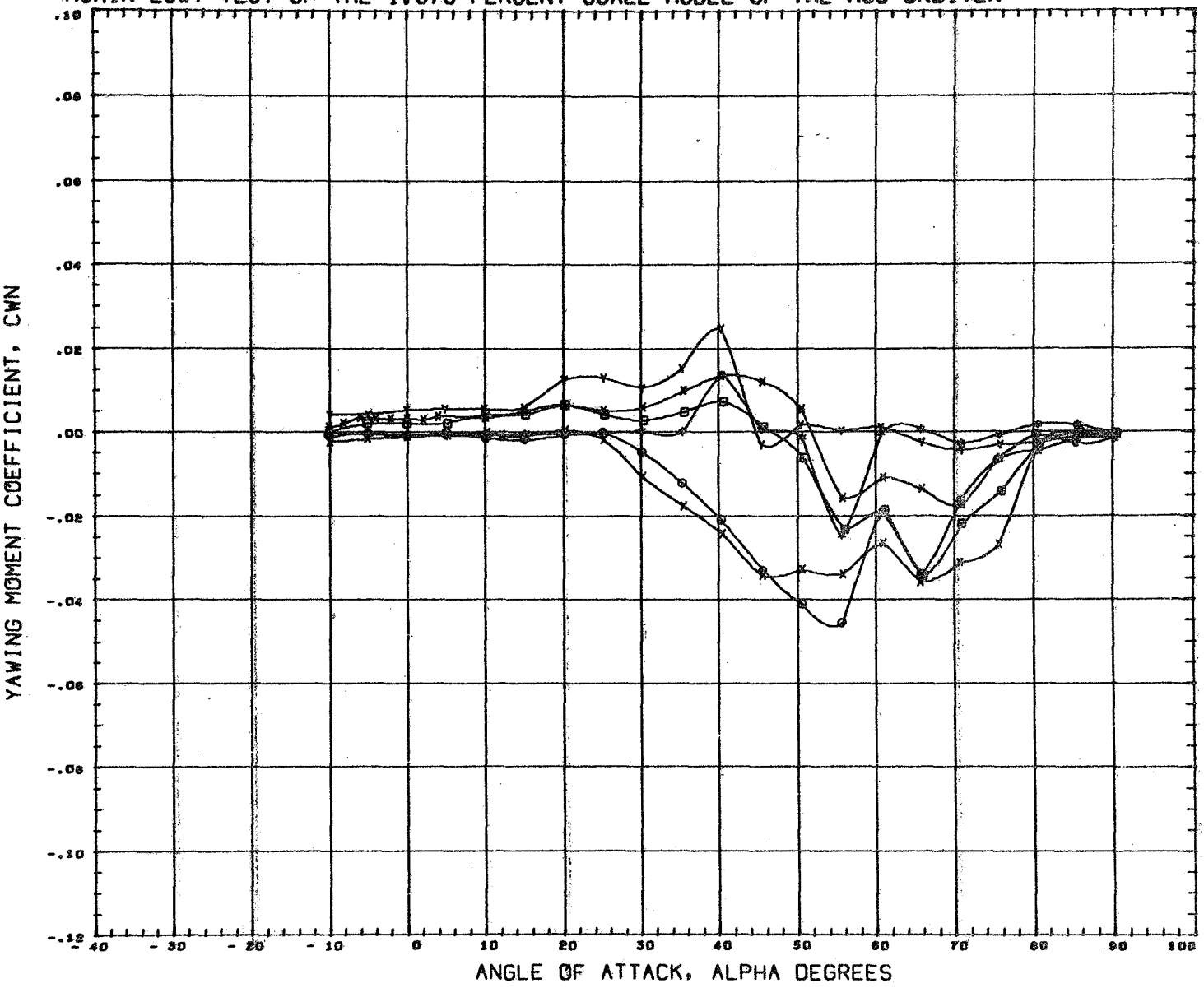


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1000)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1011)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1042)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1051)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1030)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

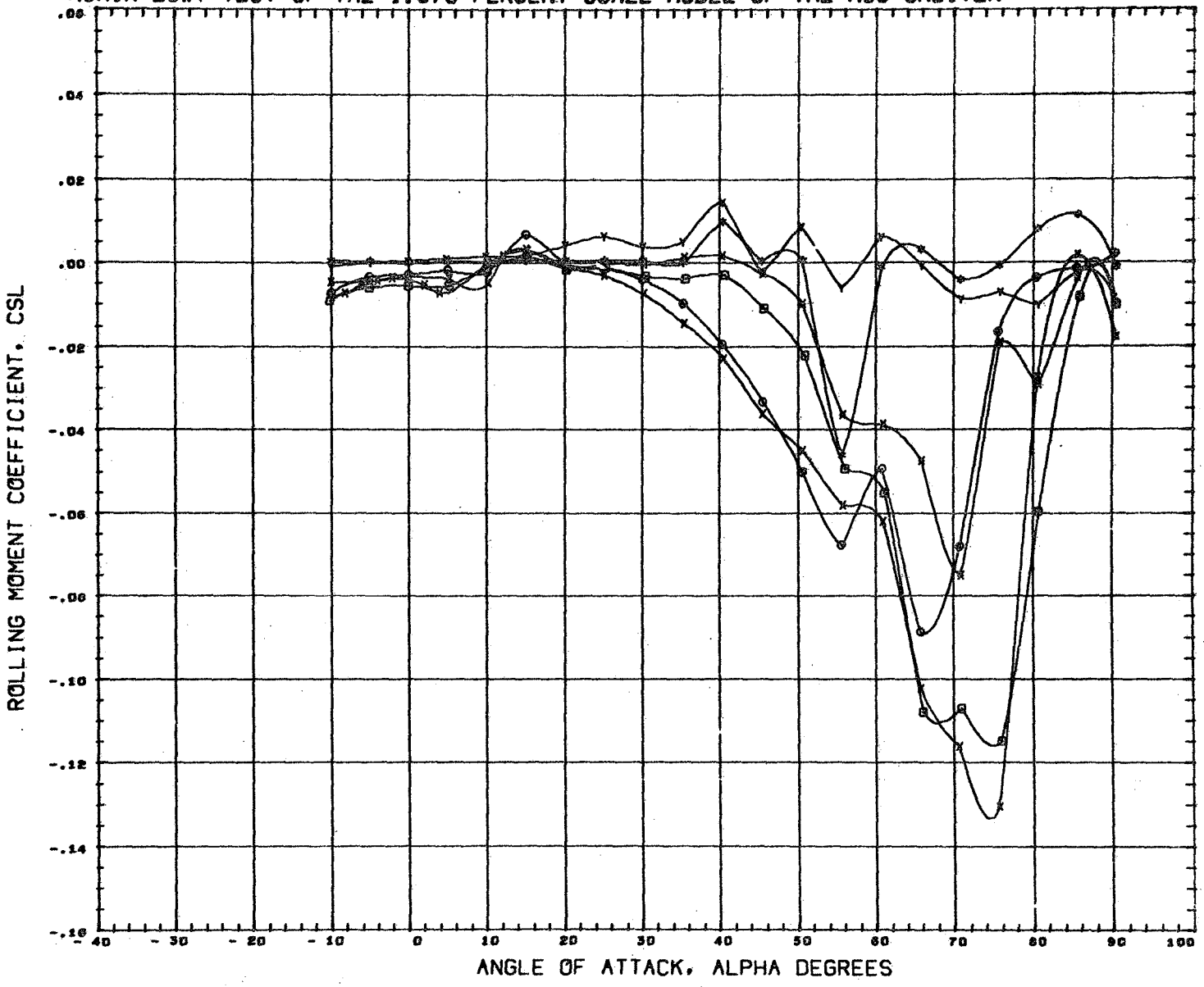


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1000)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1011)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1042)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1051)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1030)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

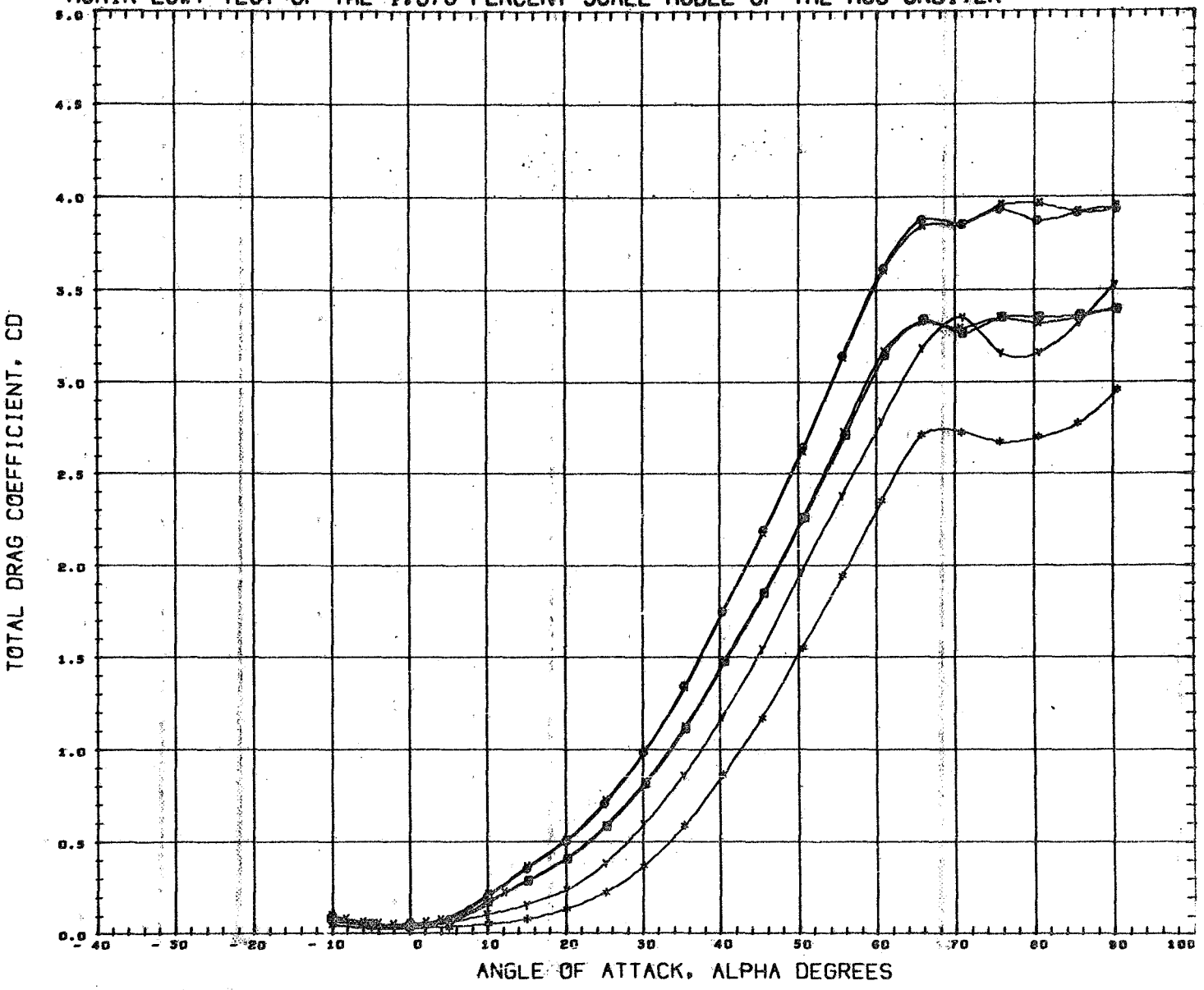


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1000)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1011)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1042)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1051)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1030)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

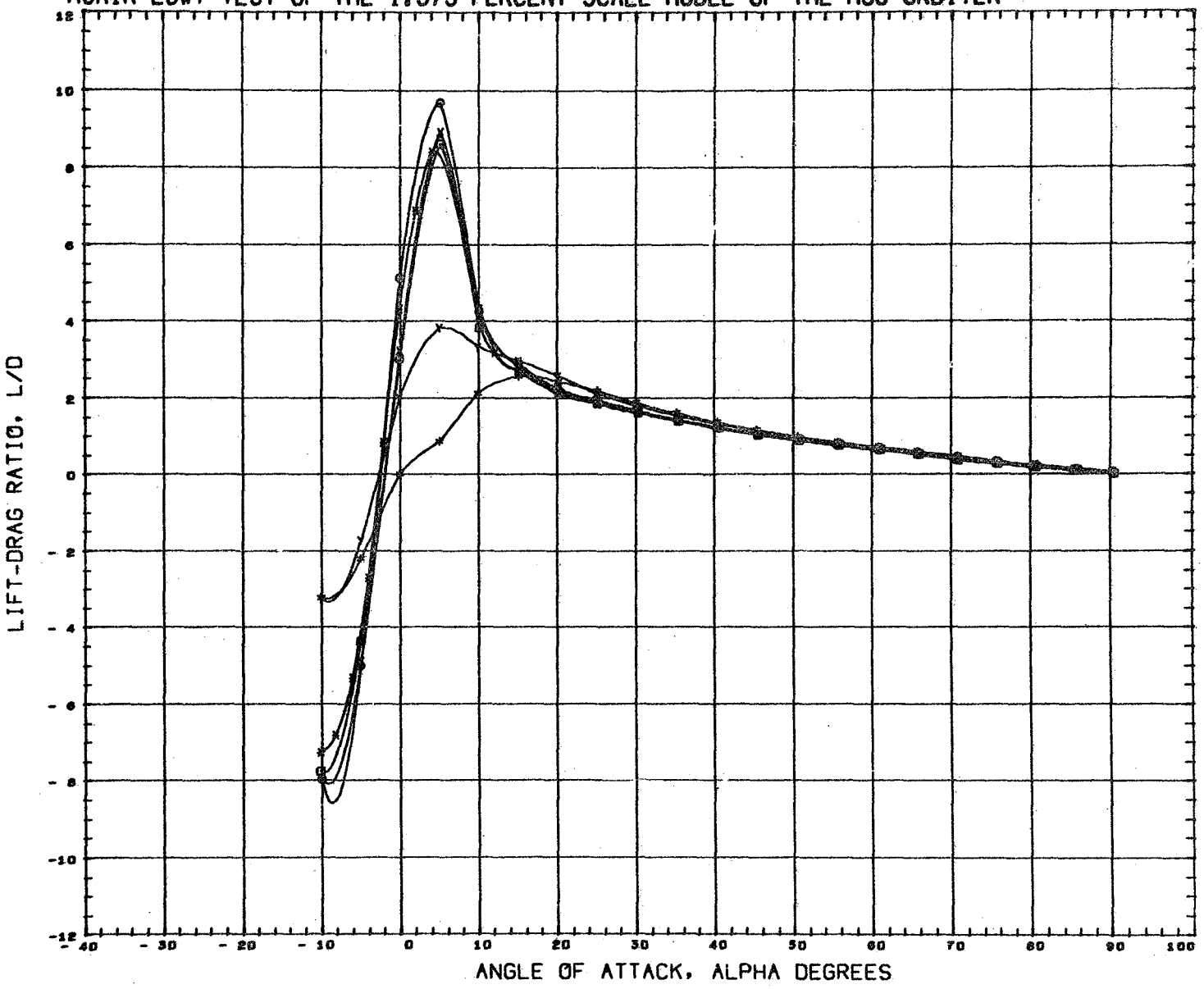


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1000)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1011)	28 JUL 70	
⊠	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1042)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1051)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1030)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



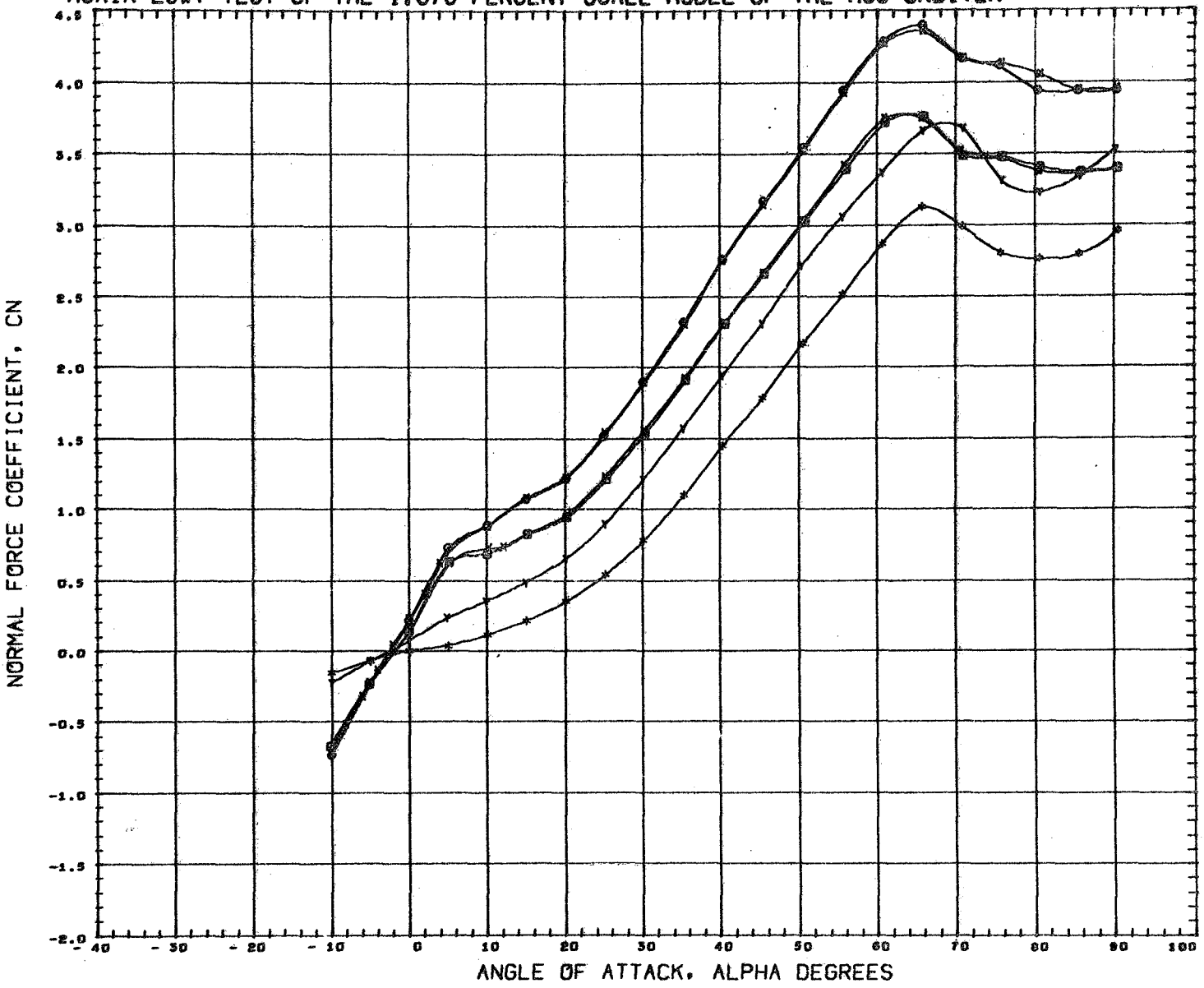
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1000)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1011)	28 JUL 70	
⊕	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1042)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1051)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1030)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

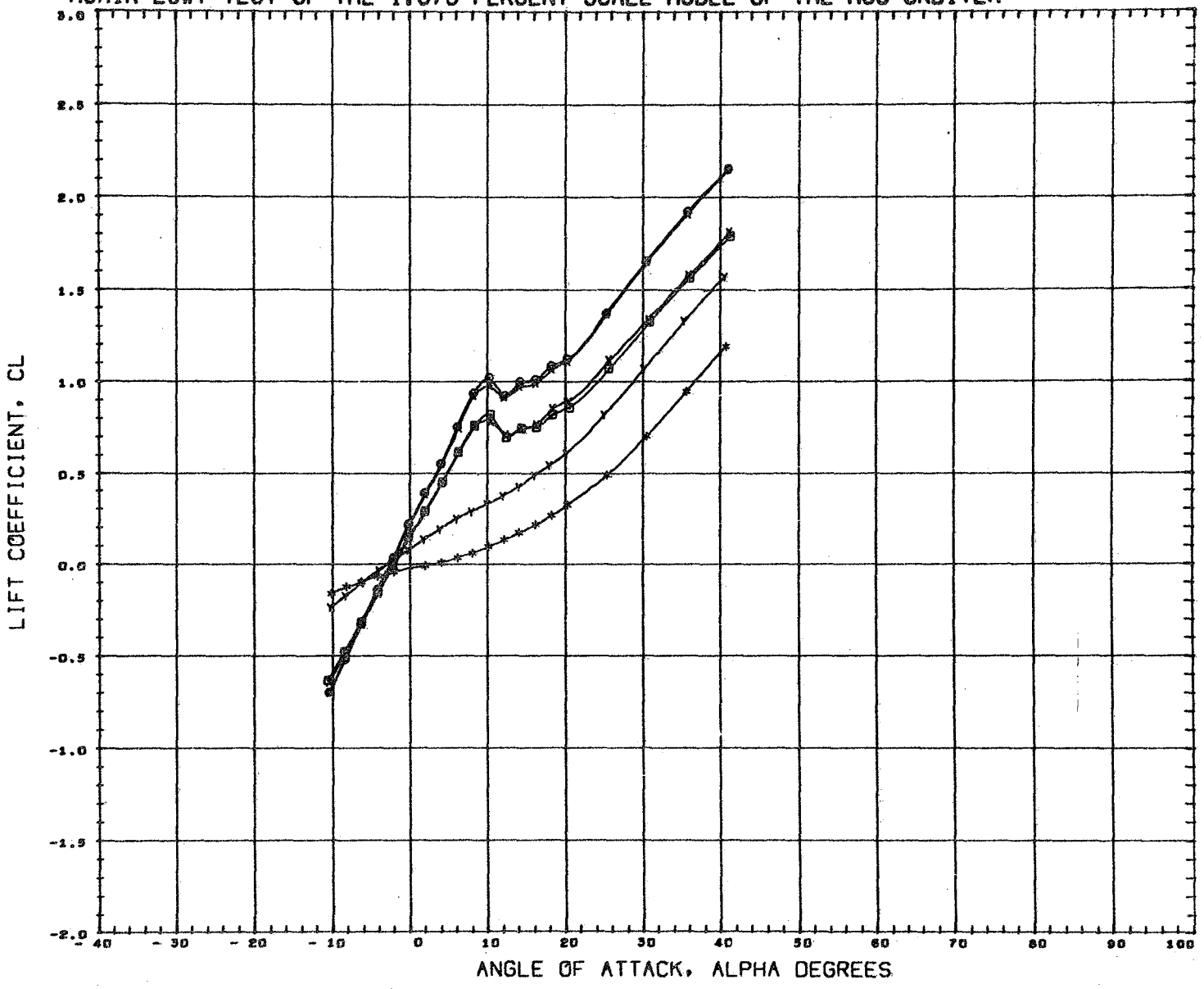


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(AC1000)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(AC1011)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(AC1042)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(AC1051)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(AC1030)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(AC1F08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

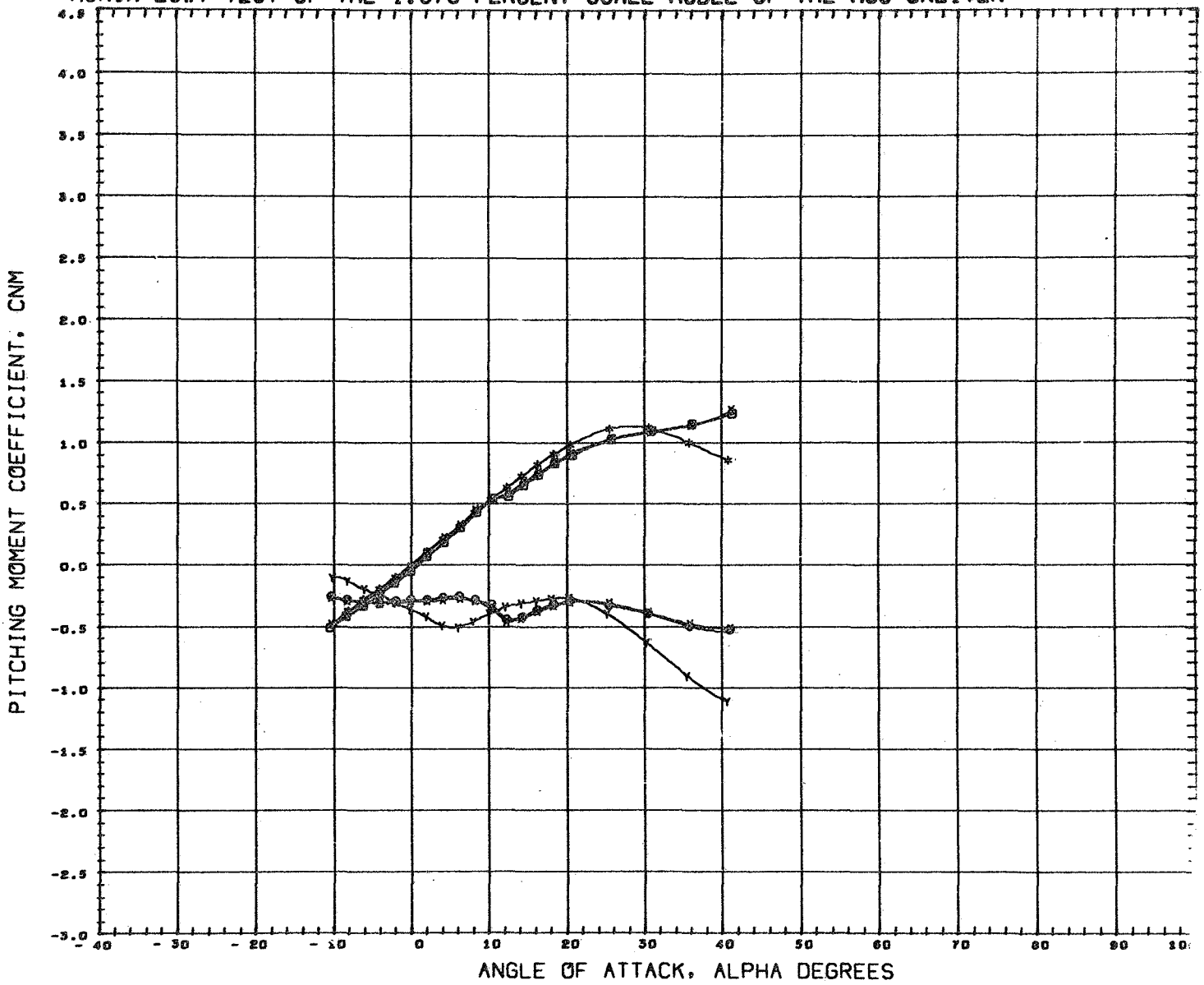


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1001)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1010)	28 JUL 70	
Ø	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	
Θ	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1031)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

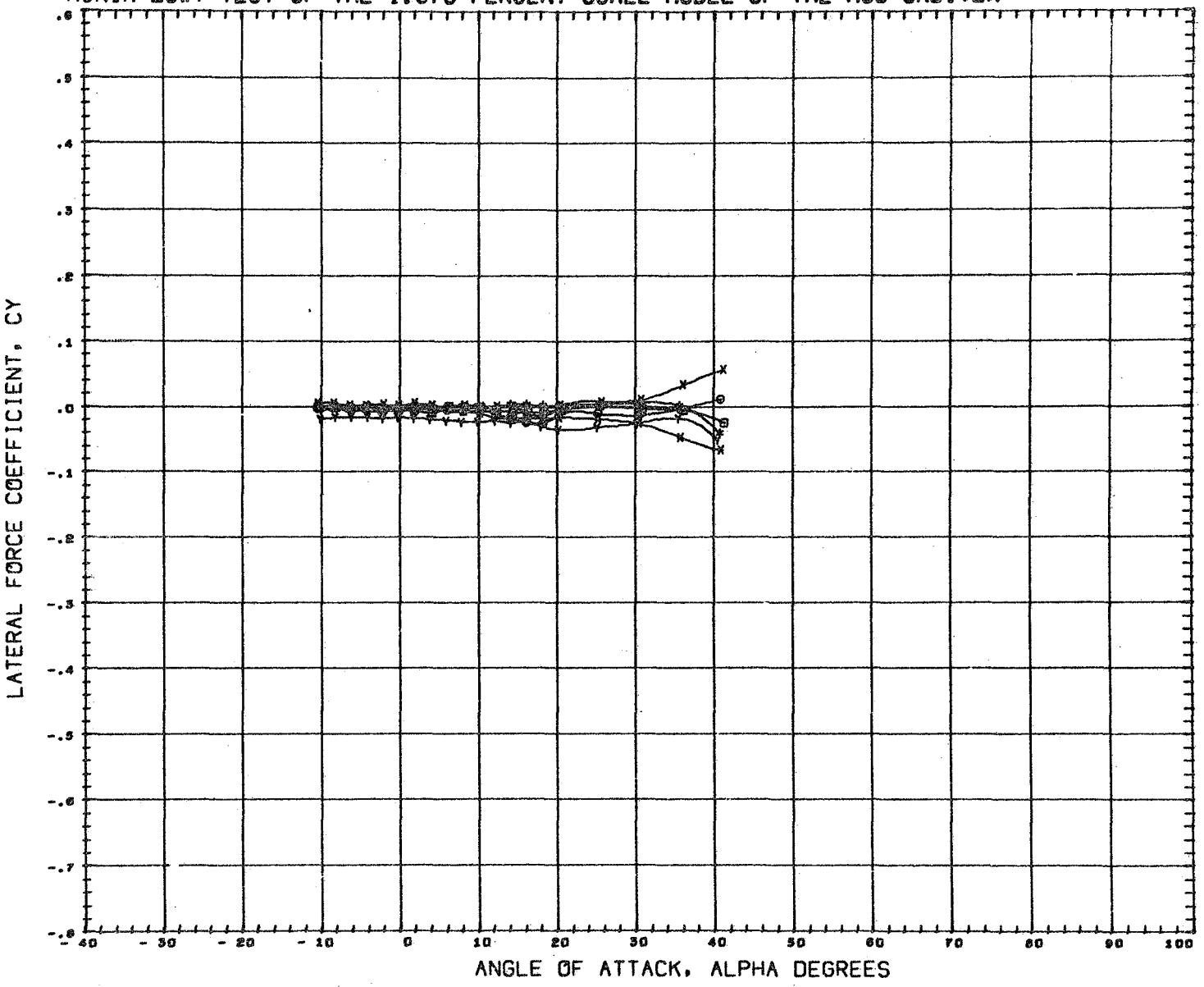


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1001)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1010)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1031)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



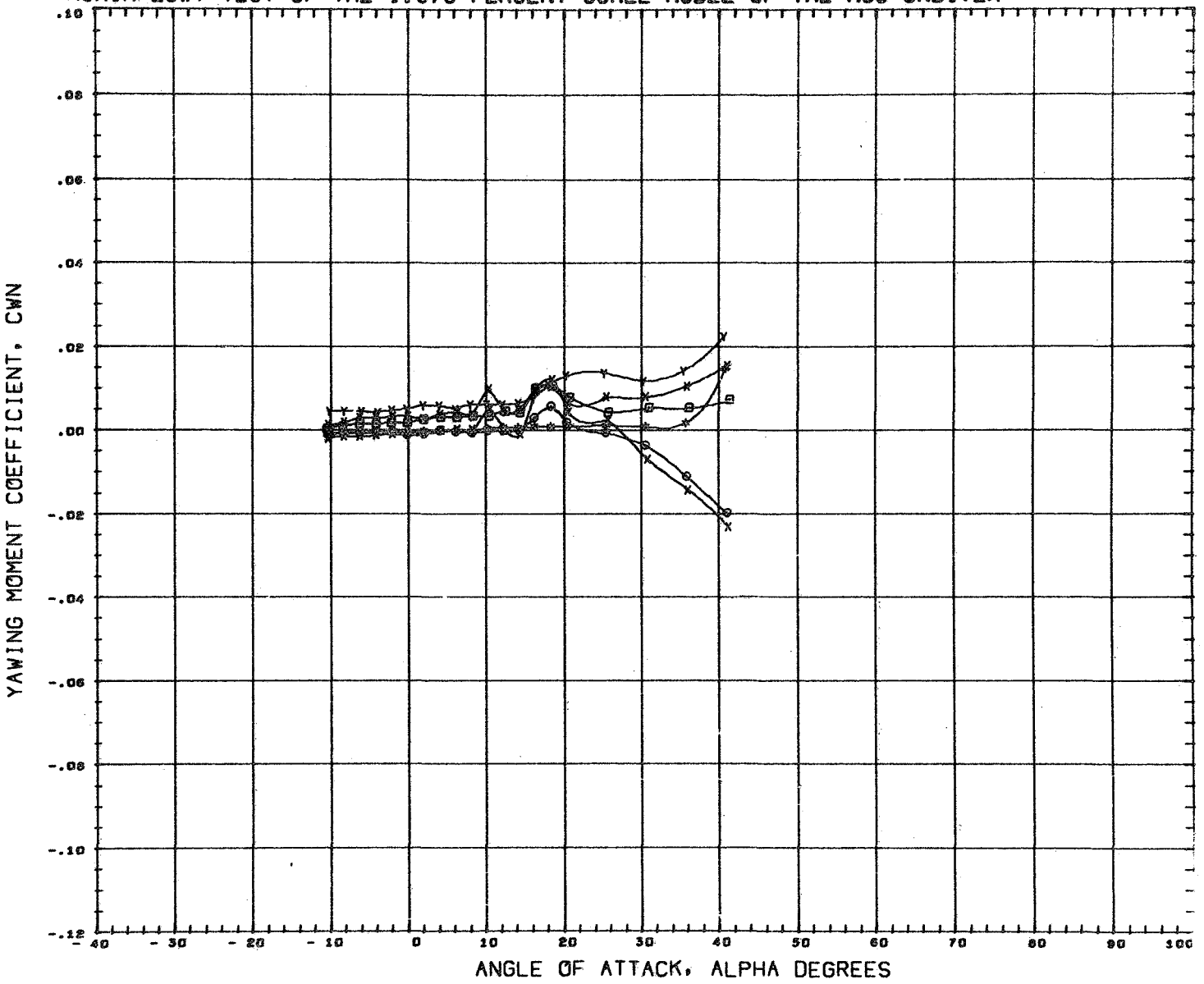
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1001)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1010)	28 JUL 70	
⊕	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1031)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.30370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1001)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1010)	28 JUL 70	
⊟	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	
⊖	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1031)	28 JUL 70	
✱	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
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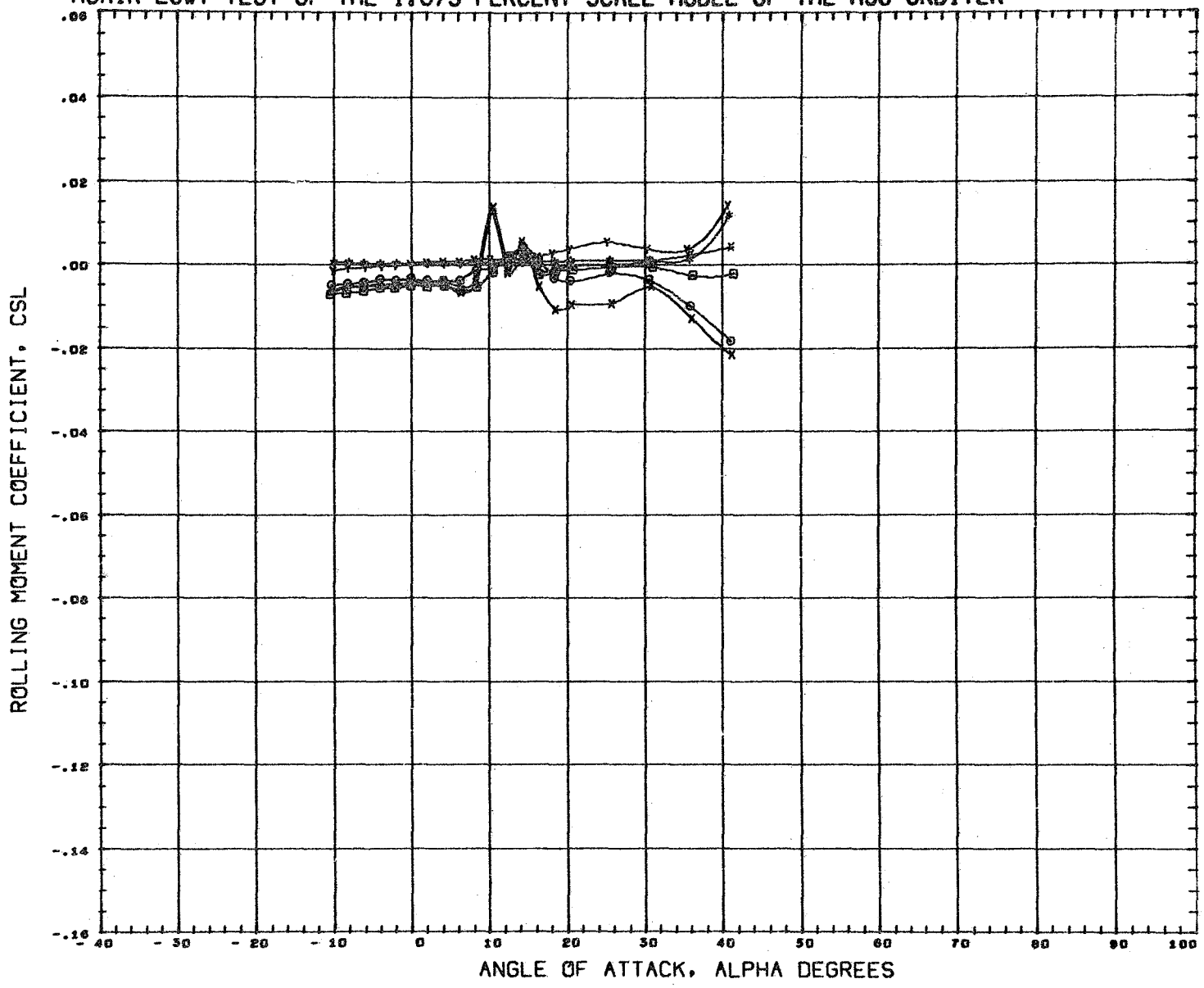
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.67500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



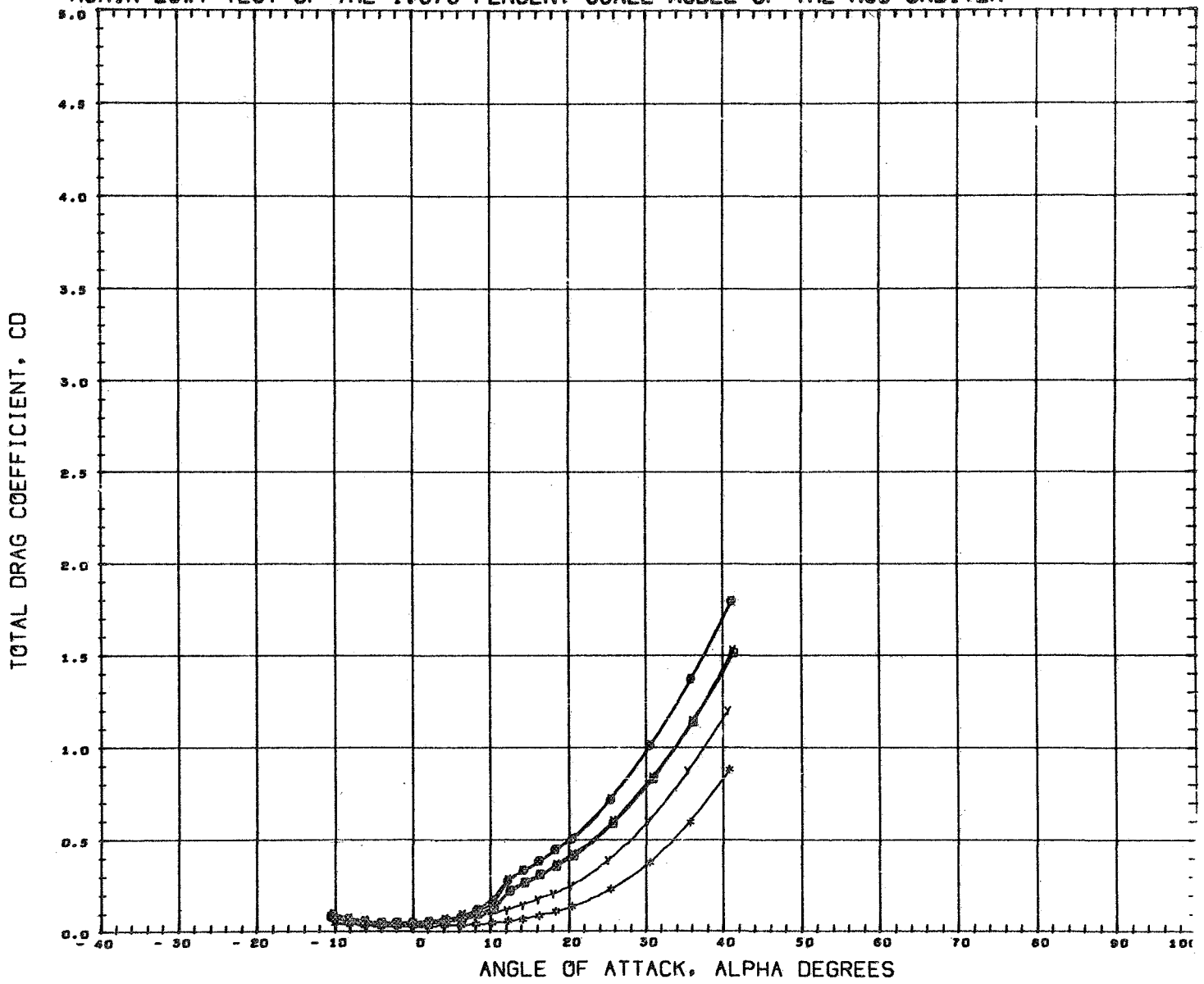
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1001)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1010)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1031)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



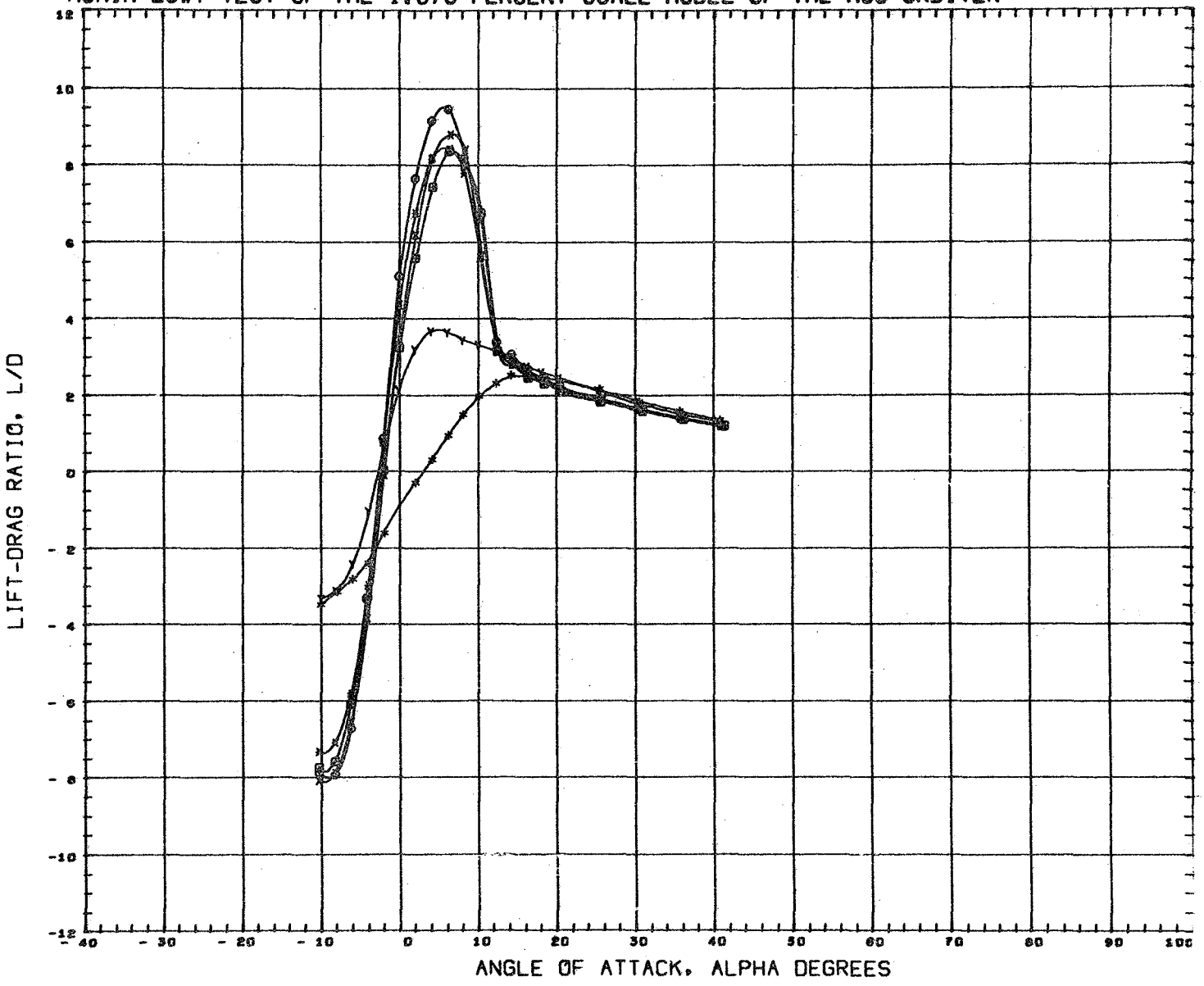
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1001)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1010)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1031)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

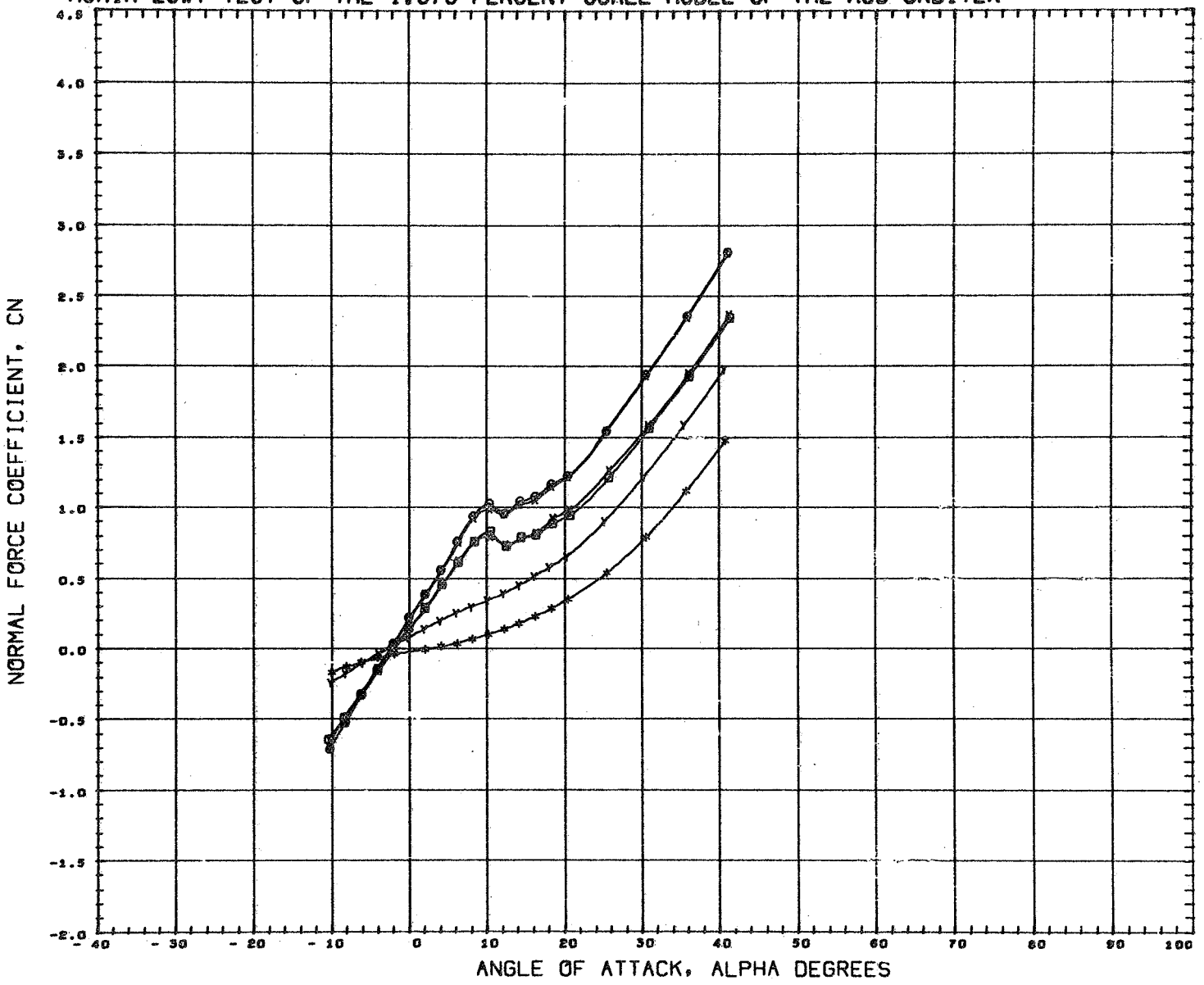


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1001)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1010)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1031)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(AC1001)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(AC1010)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(AC1041)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(AC1050)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(AC1031)	28 JUL 70	
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(AC1F10)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
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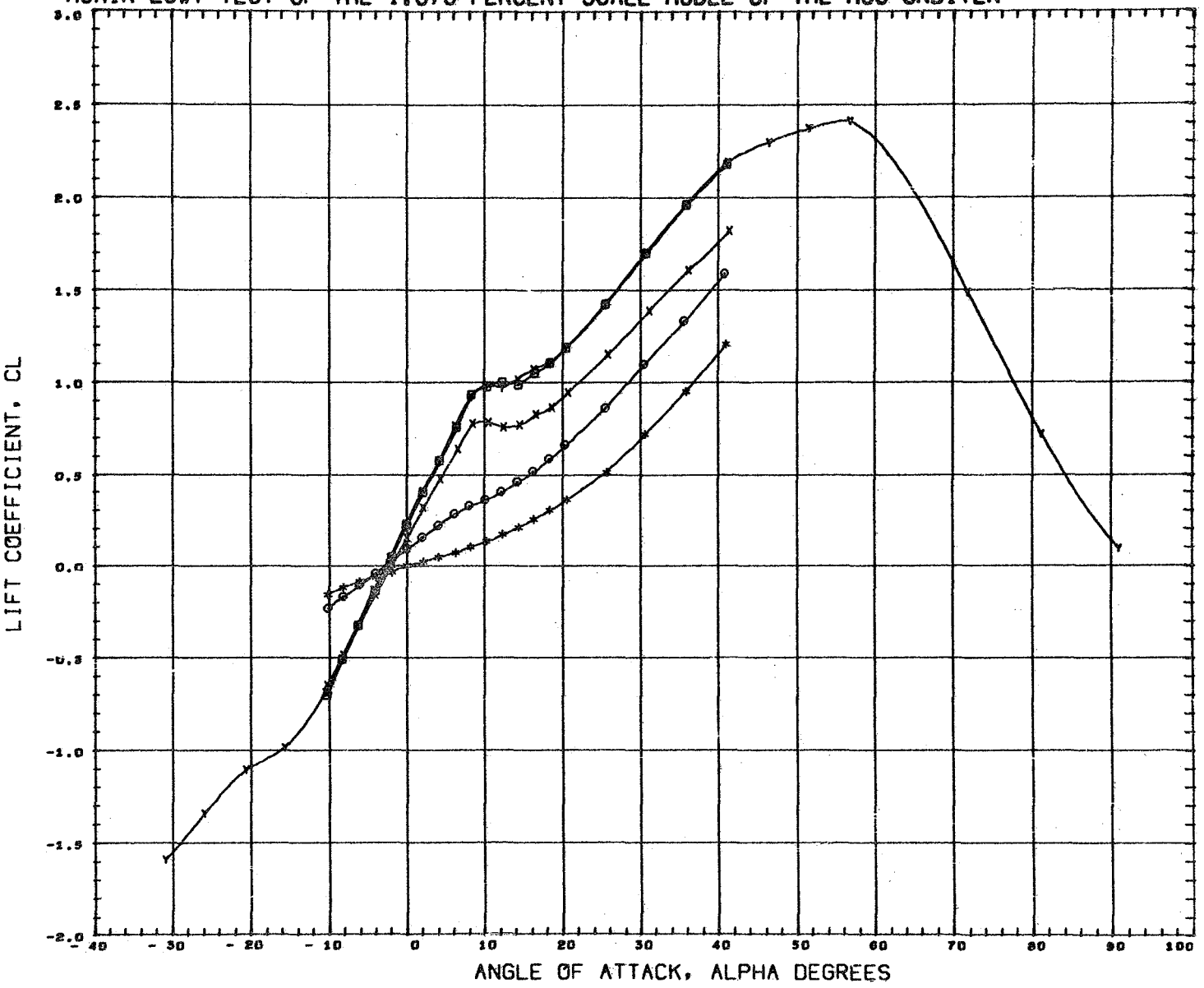
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



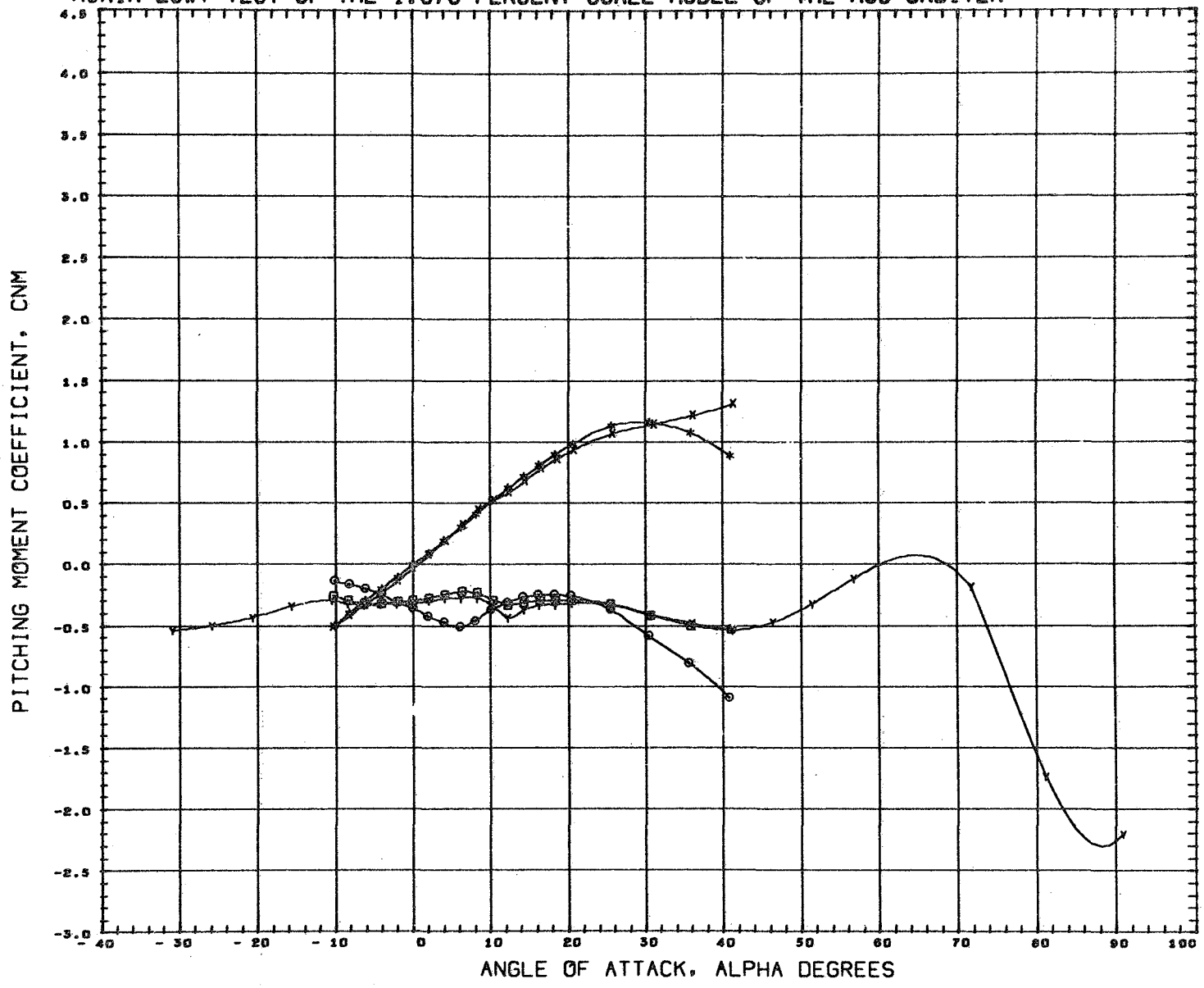
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1002)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1013)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1053)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1032)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6B3W1 (FWD)	(CC1F01)	29 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



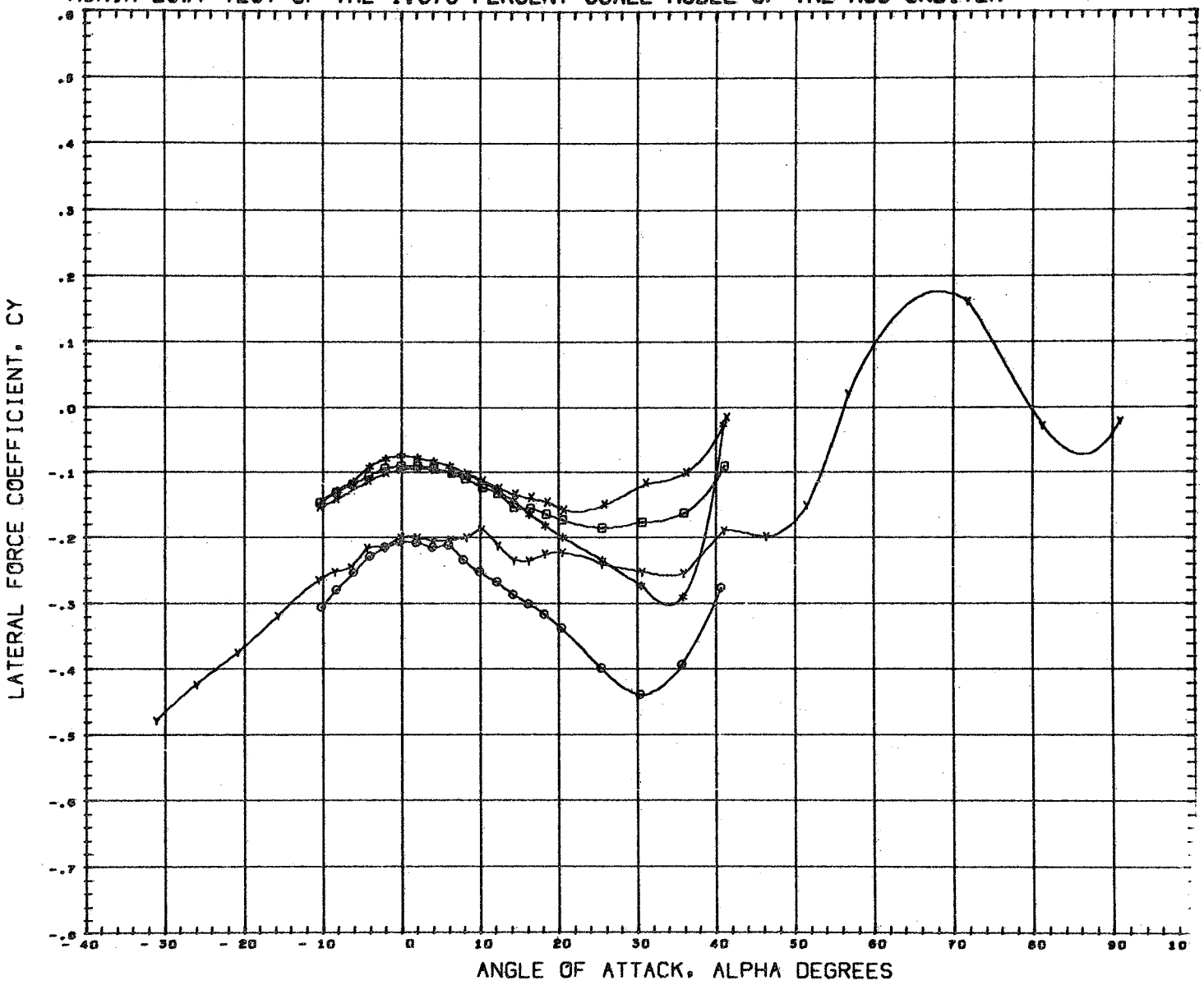
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1002)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1013)	28 JUL 70	
⊕	LSWT 223 1.875 PC MOD S5 ORB. B1H6WI	(BC1053)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1032)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6B3W1 (FWD)	(CC1F01)	29 JUL 70	

REFERENCE FILE SDV 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



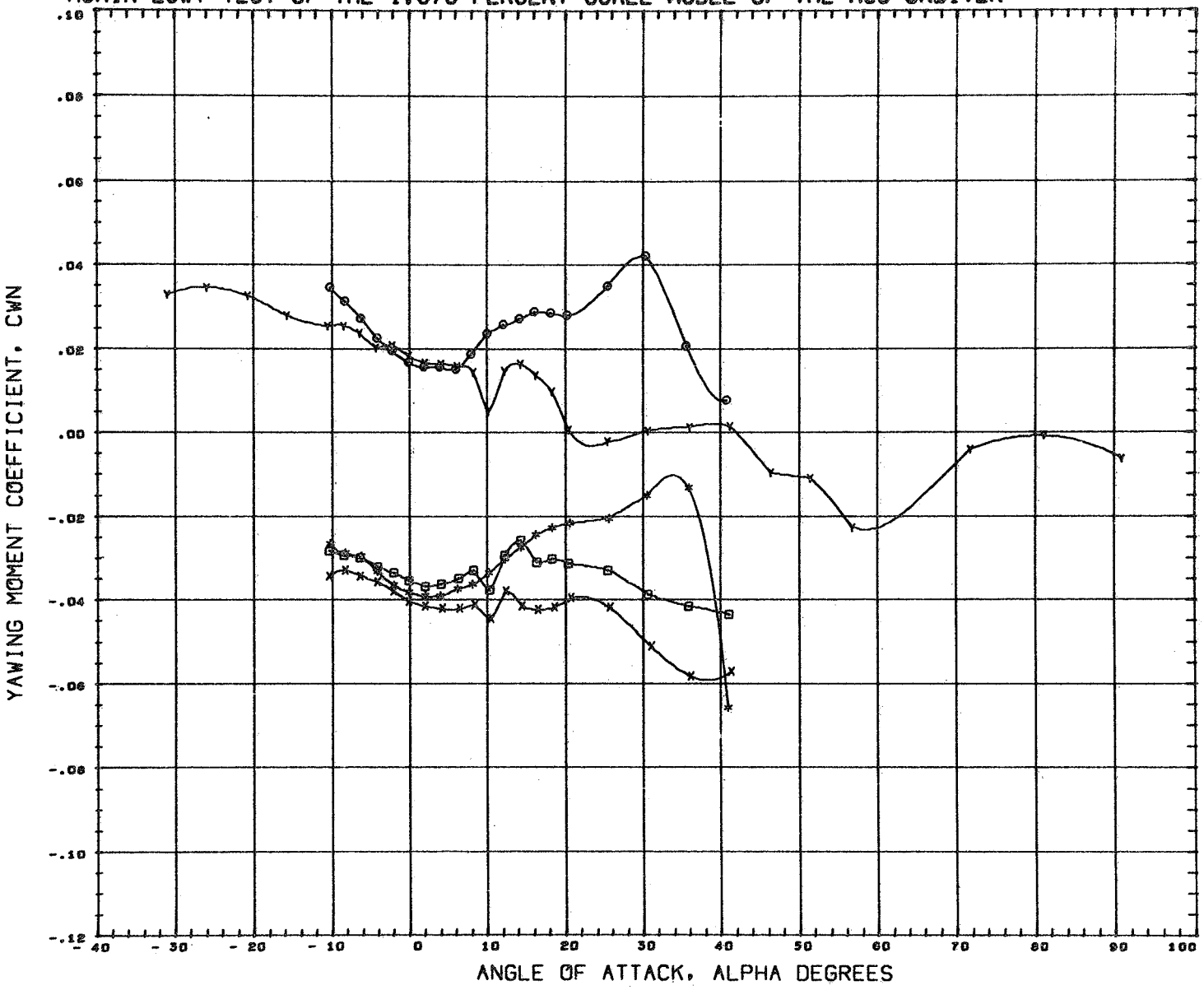
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1002)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1013)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1053)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1032)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6B3W1 (FWD)	(CC1F01)	29 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1002)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1013)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1053)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1032)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6B3W1 (FWD)	(CC1F01)	29 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20600×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
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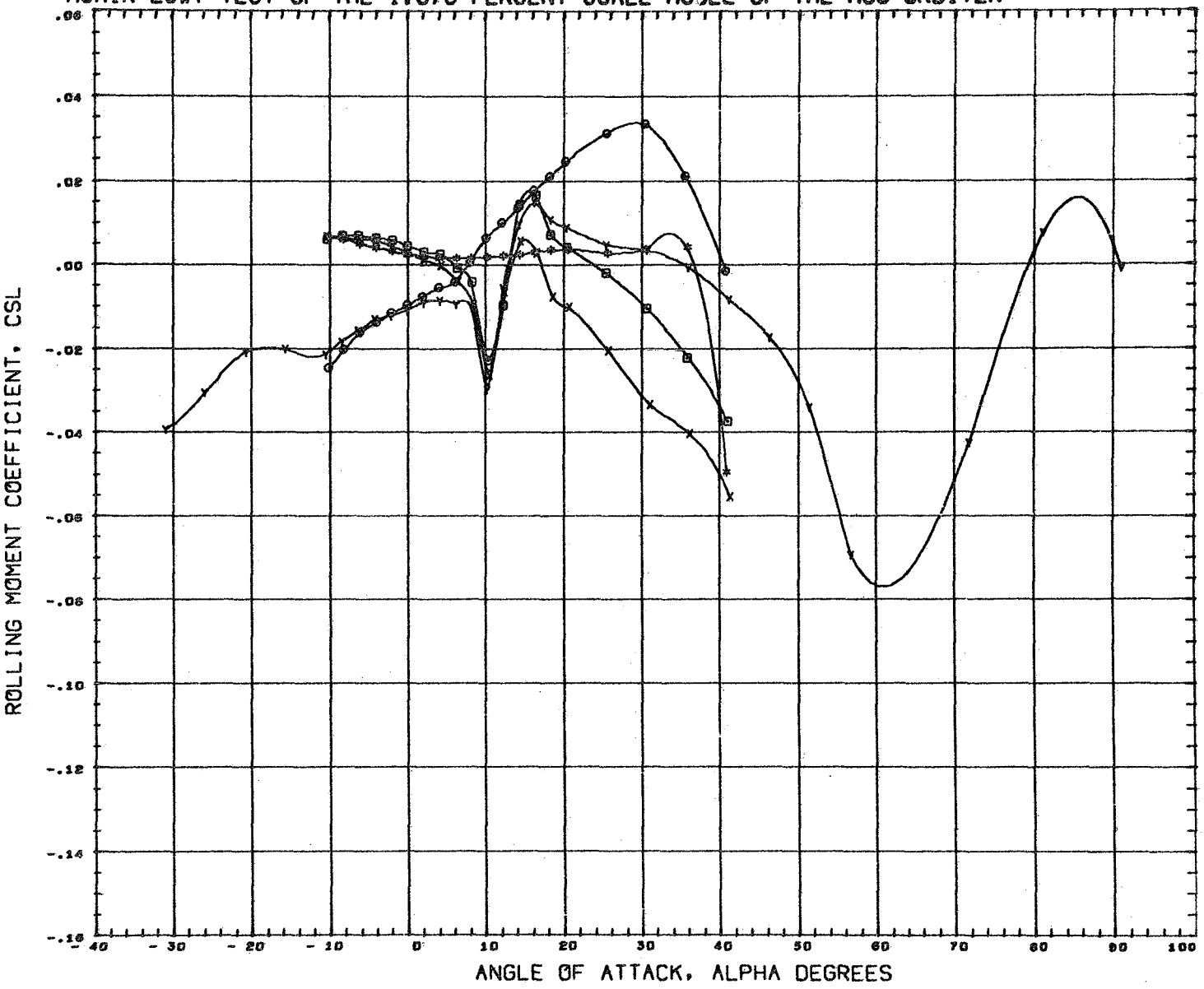
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



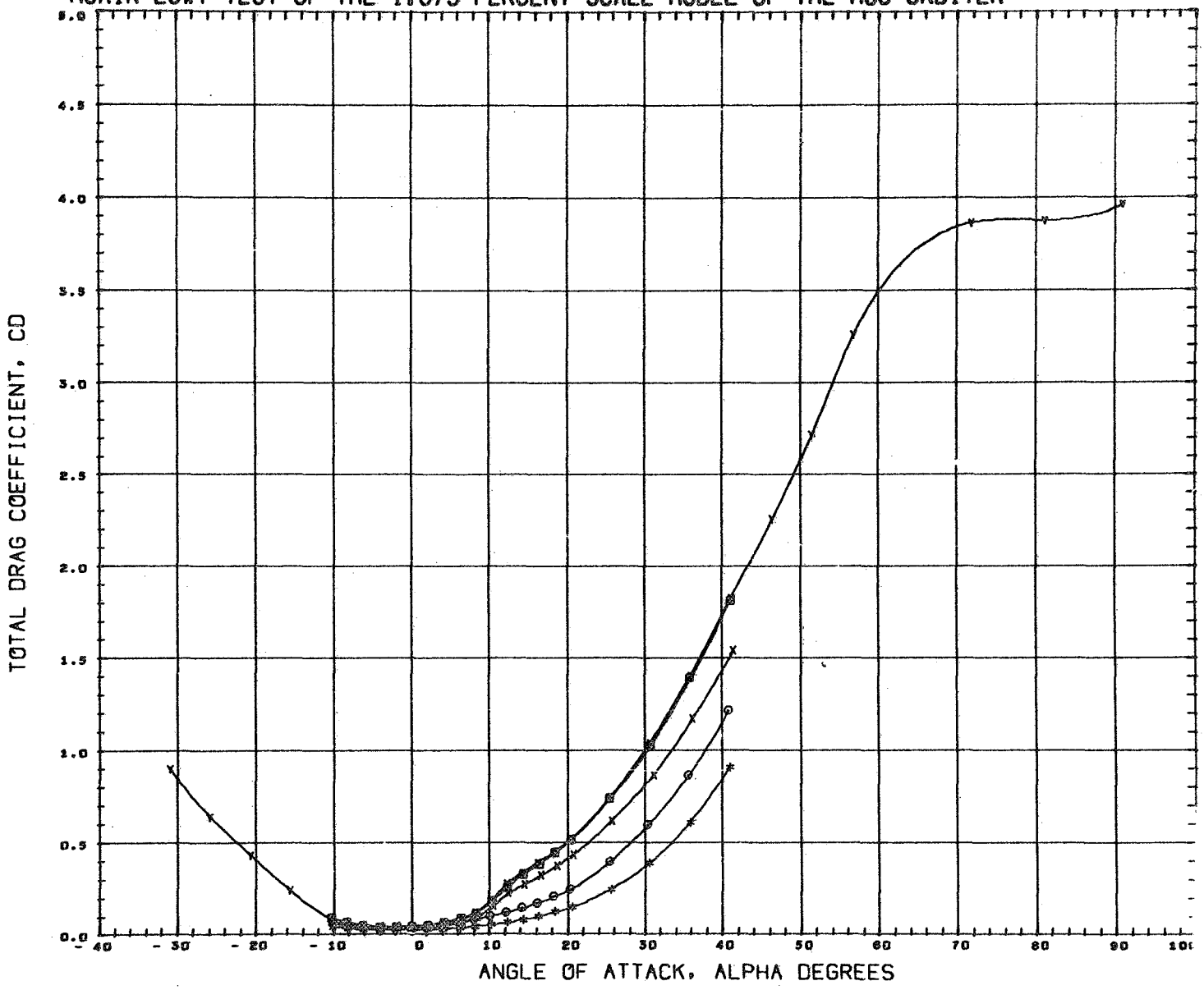
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1002)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1013)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1033)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1032)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6B3W1 (FWD)	(CC1F01)	29 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



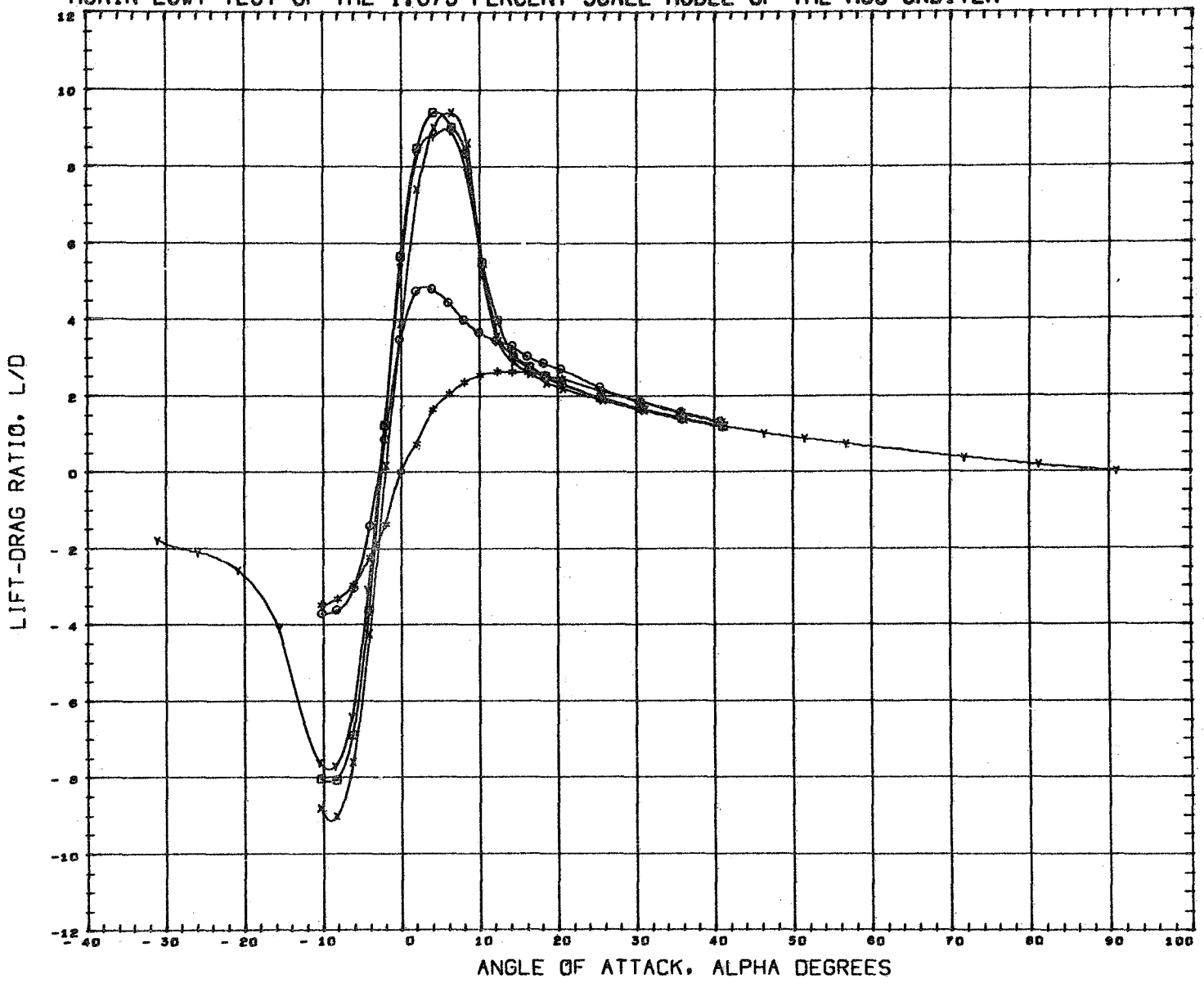
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1002)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1013)	28 JUL 70	
⊟	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1053)	28 JUL 70	
⊖	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1032)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6B3W1 (FWD)	(CC1F01)	29 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE: SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



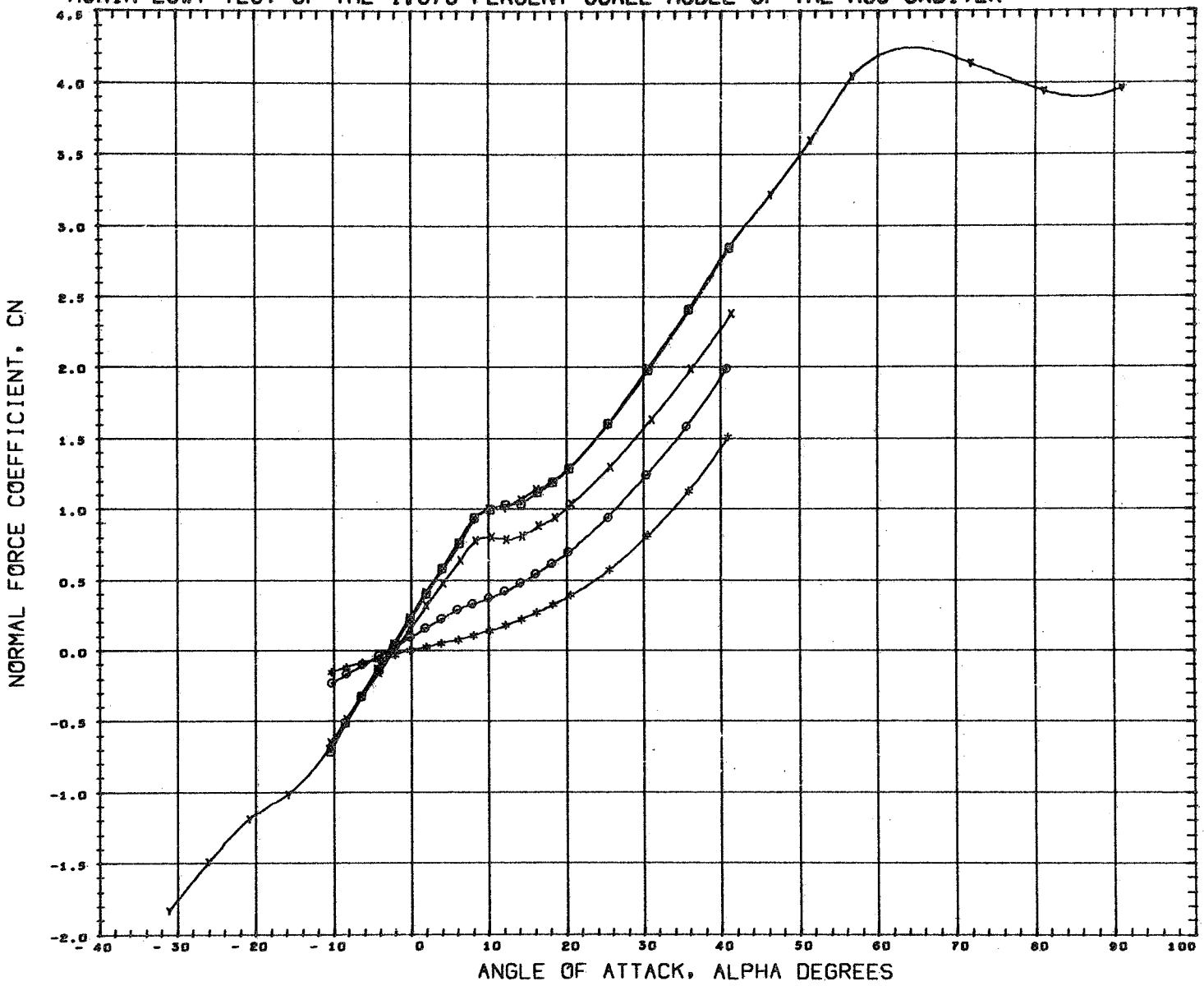
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(BC1002)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(BC1013)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1053)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(BC1032)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6B3W1 (FWD)	(CC1F01)	29 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



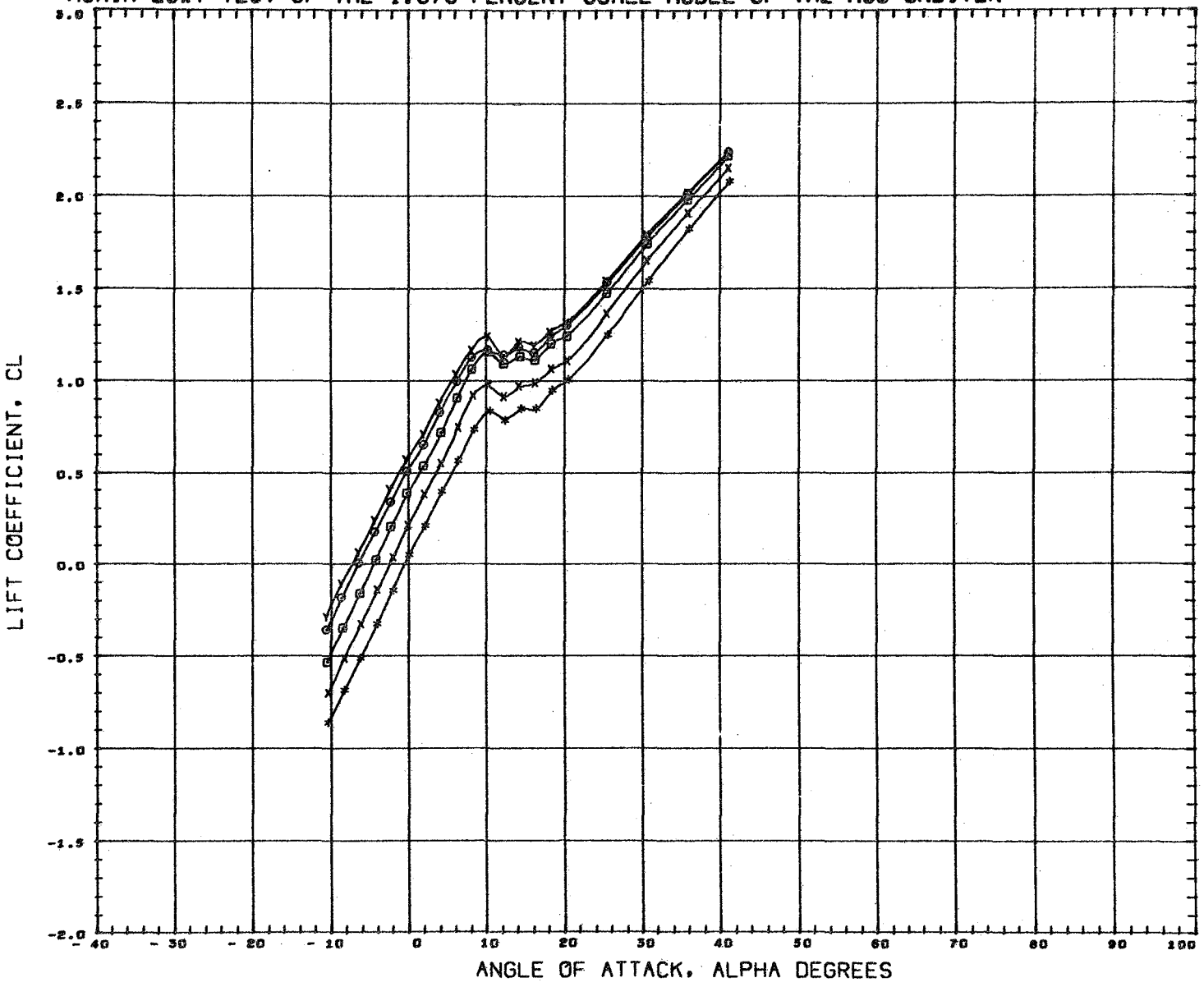
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1	(AC1002)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1W1	(AC1013)	28 JUL 70	
⊠	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(AC1053)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3	(AC1032)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6B3W1 (FWD)	(DC1F01)	29 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	5.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



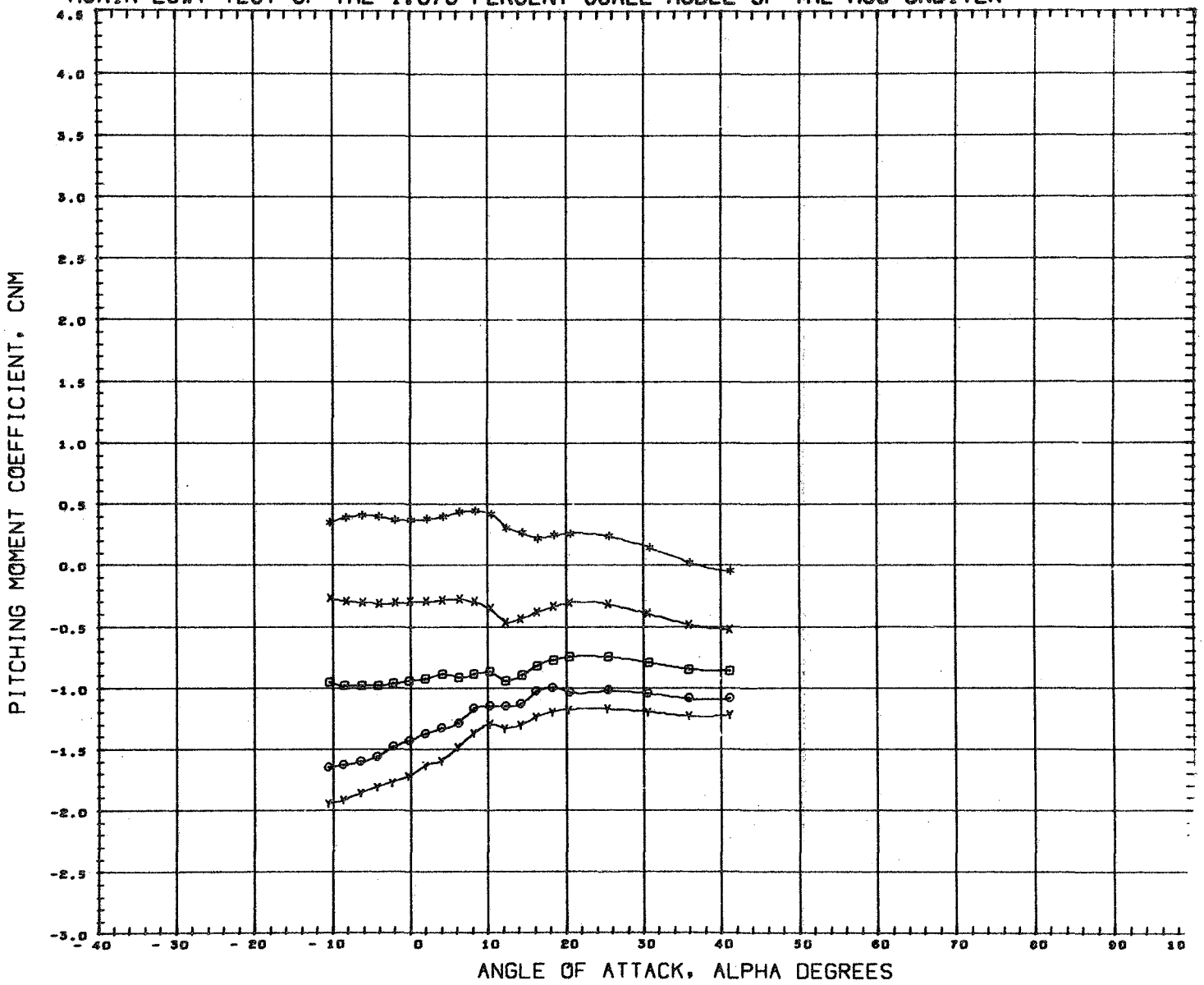
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F05)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F04)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F07)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



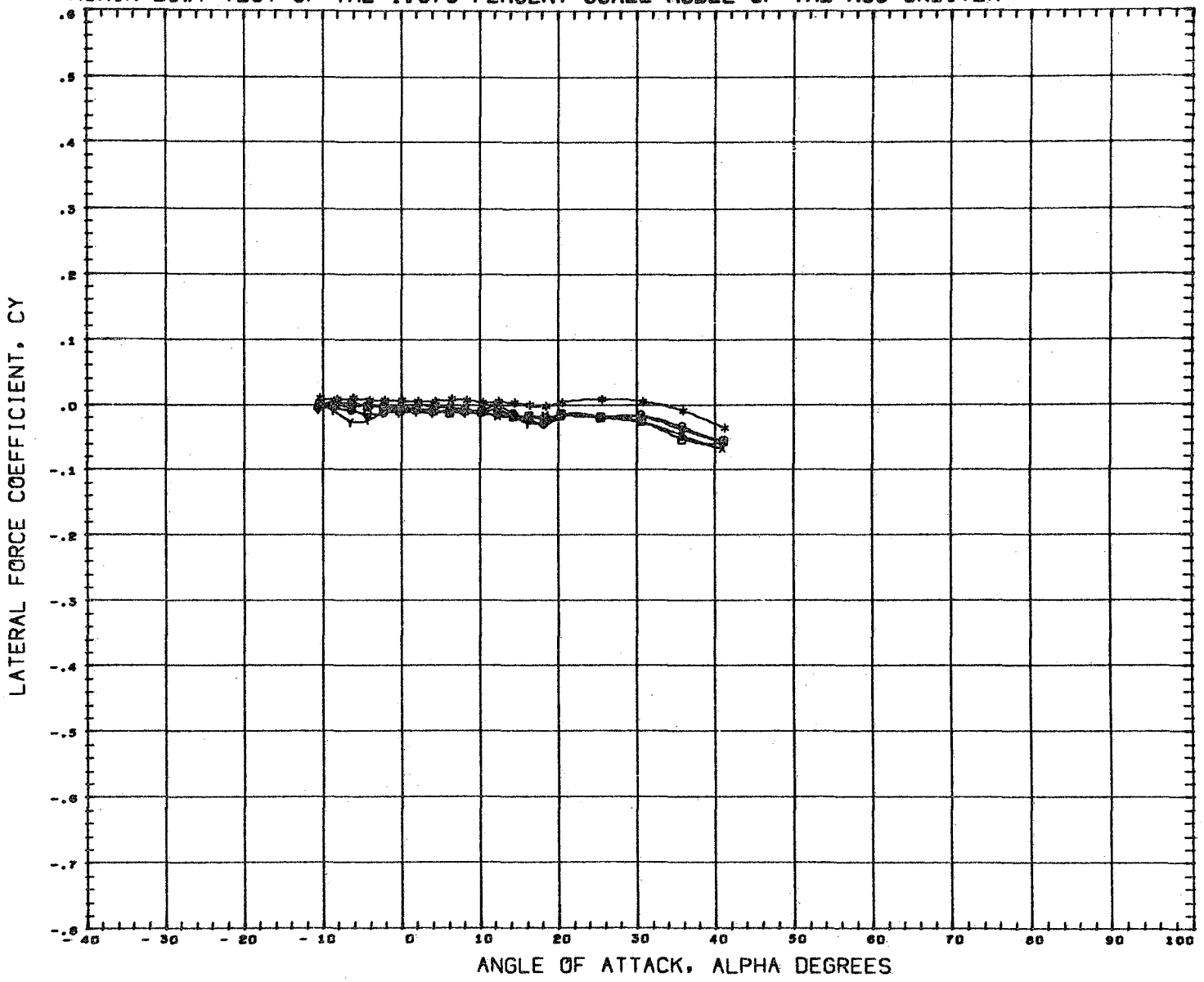
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F05)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F04)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F07)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



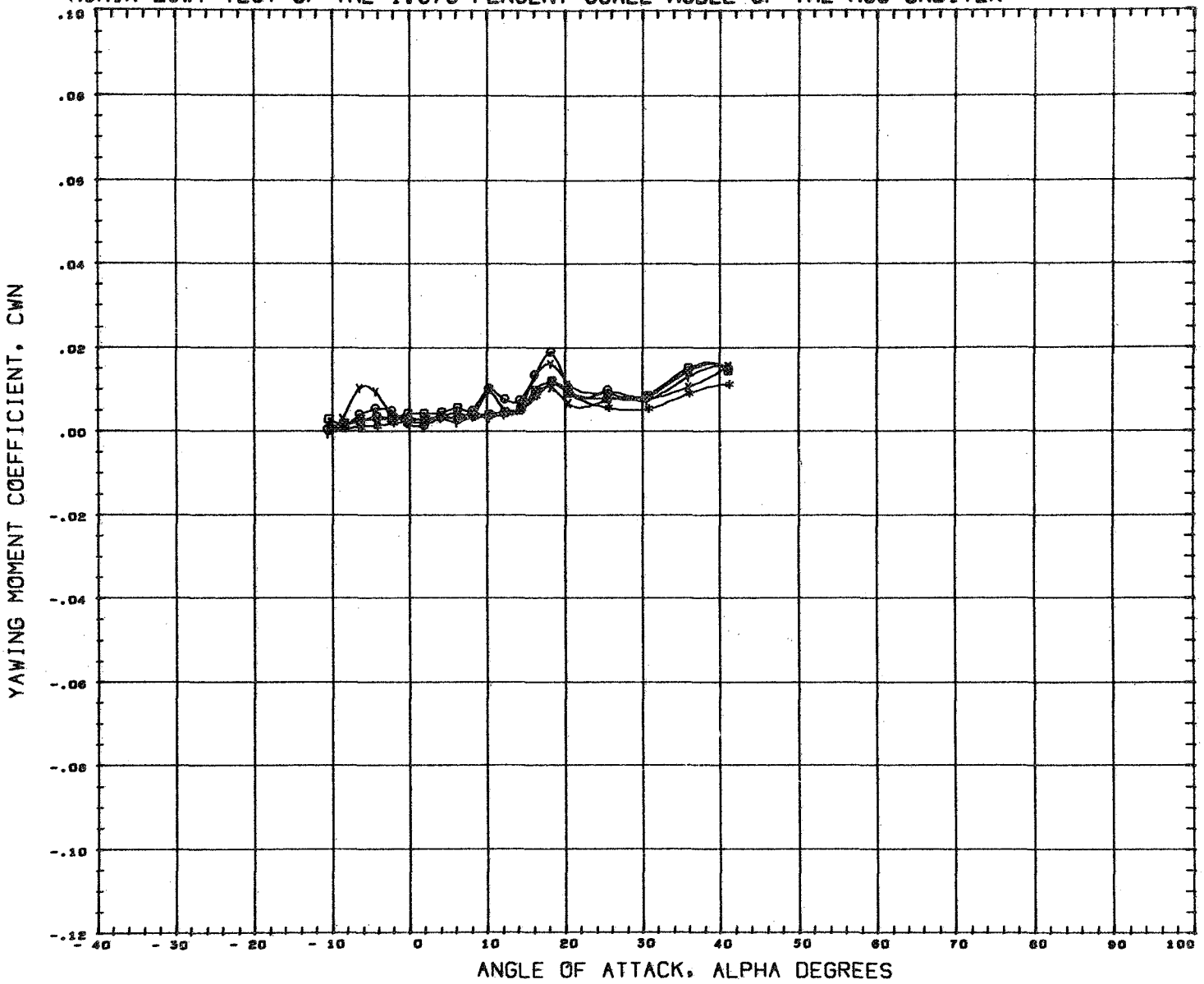
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F05)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F04)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F07)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



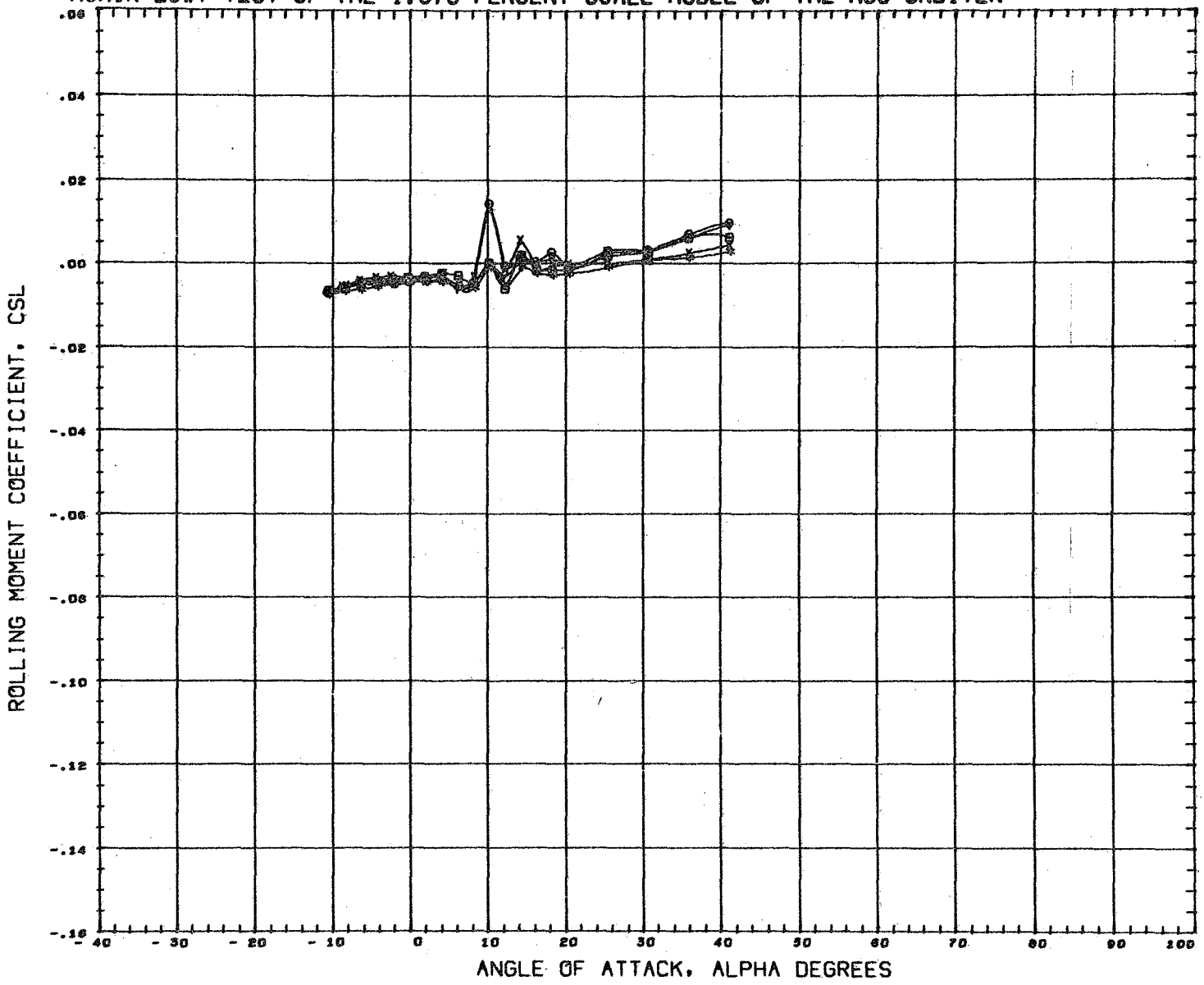
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F05)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	
⊠	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F04)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F07)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



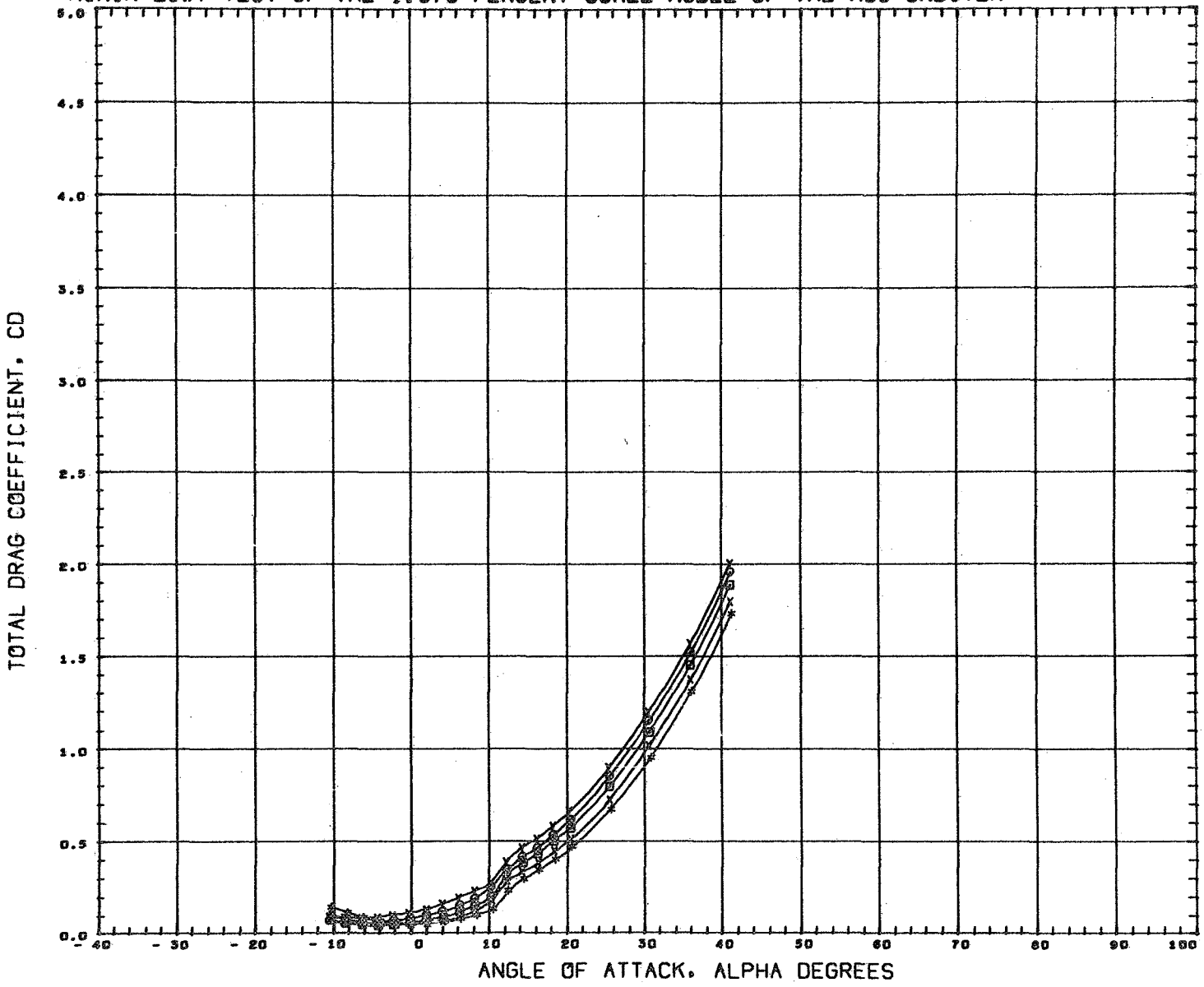
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F05)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F04)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F07)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



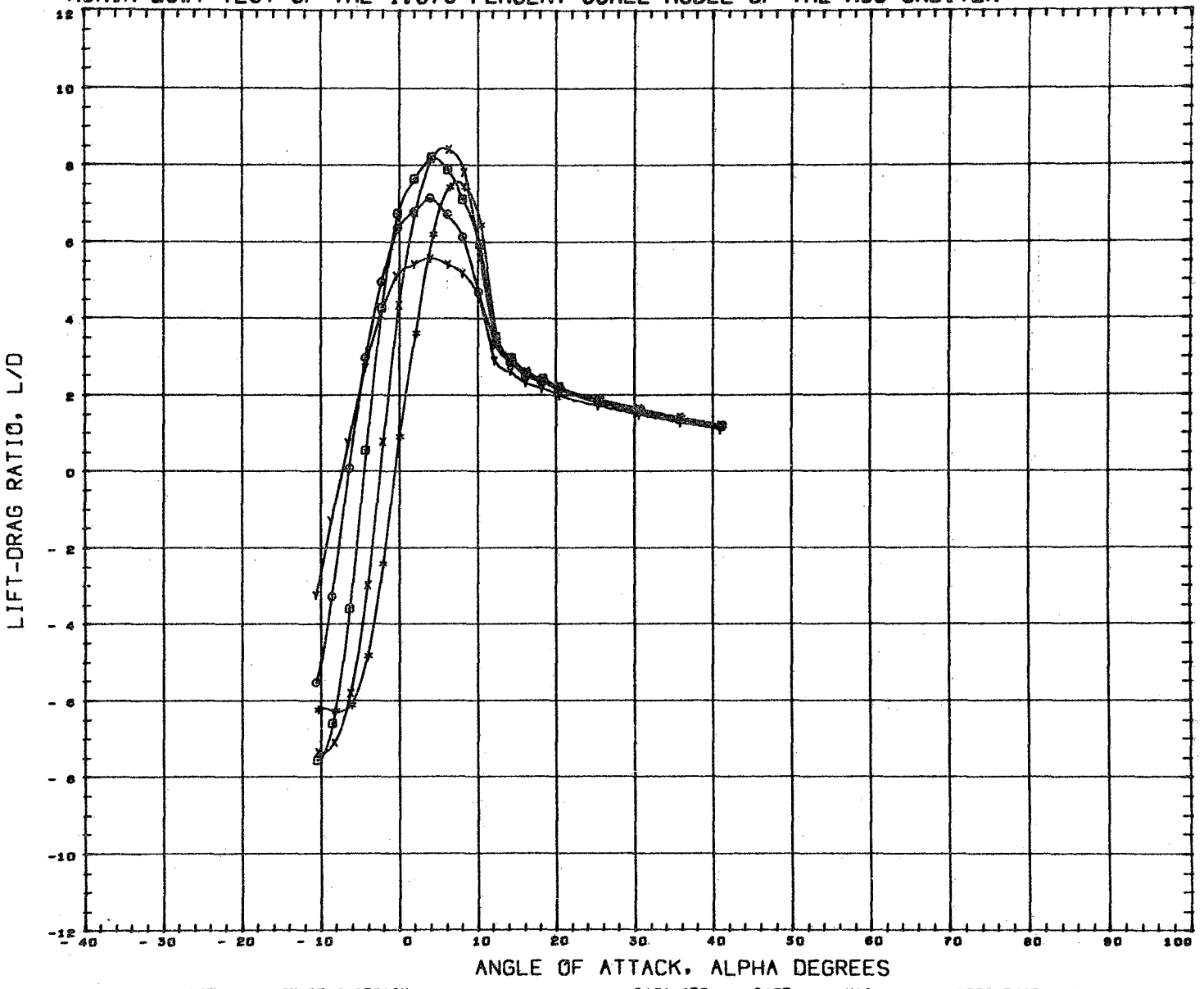
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F05)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F04)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F07)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



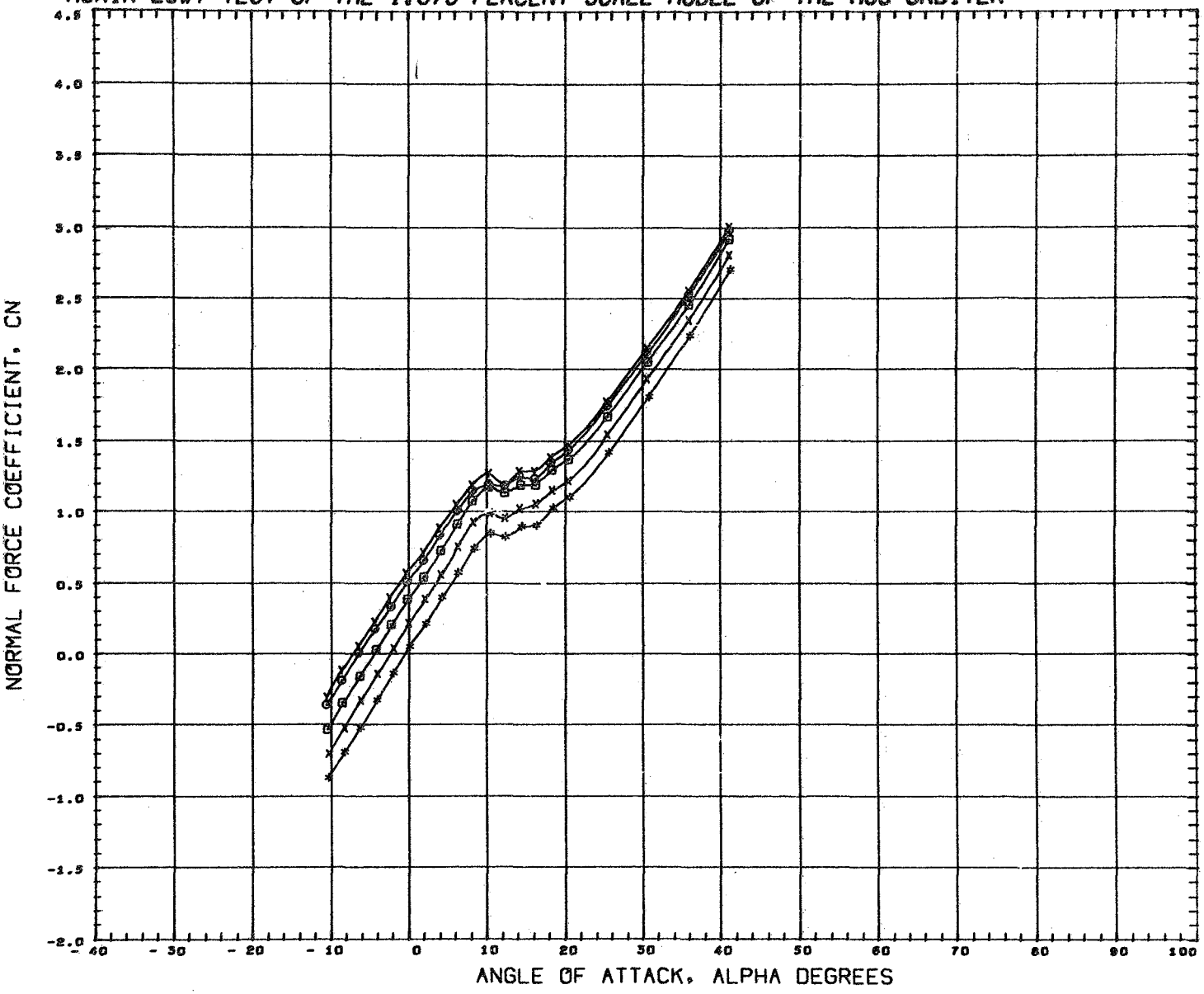
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F05)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F04)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F07)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SD: 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

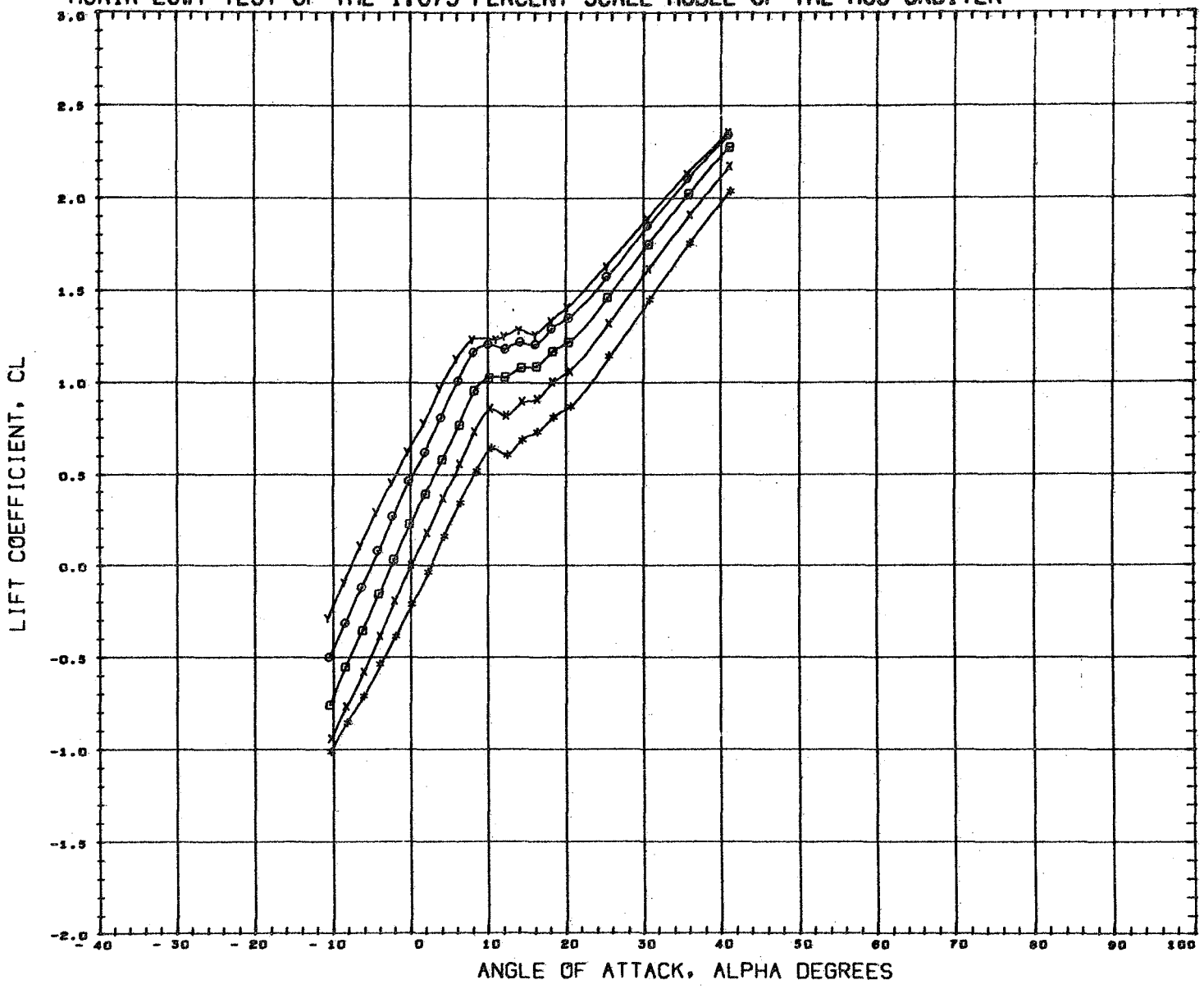


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(AC1F05)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(AC1F10)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(AC1F04)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(AC1F06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(AC1F07)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



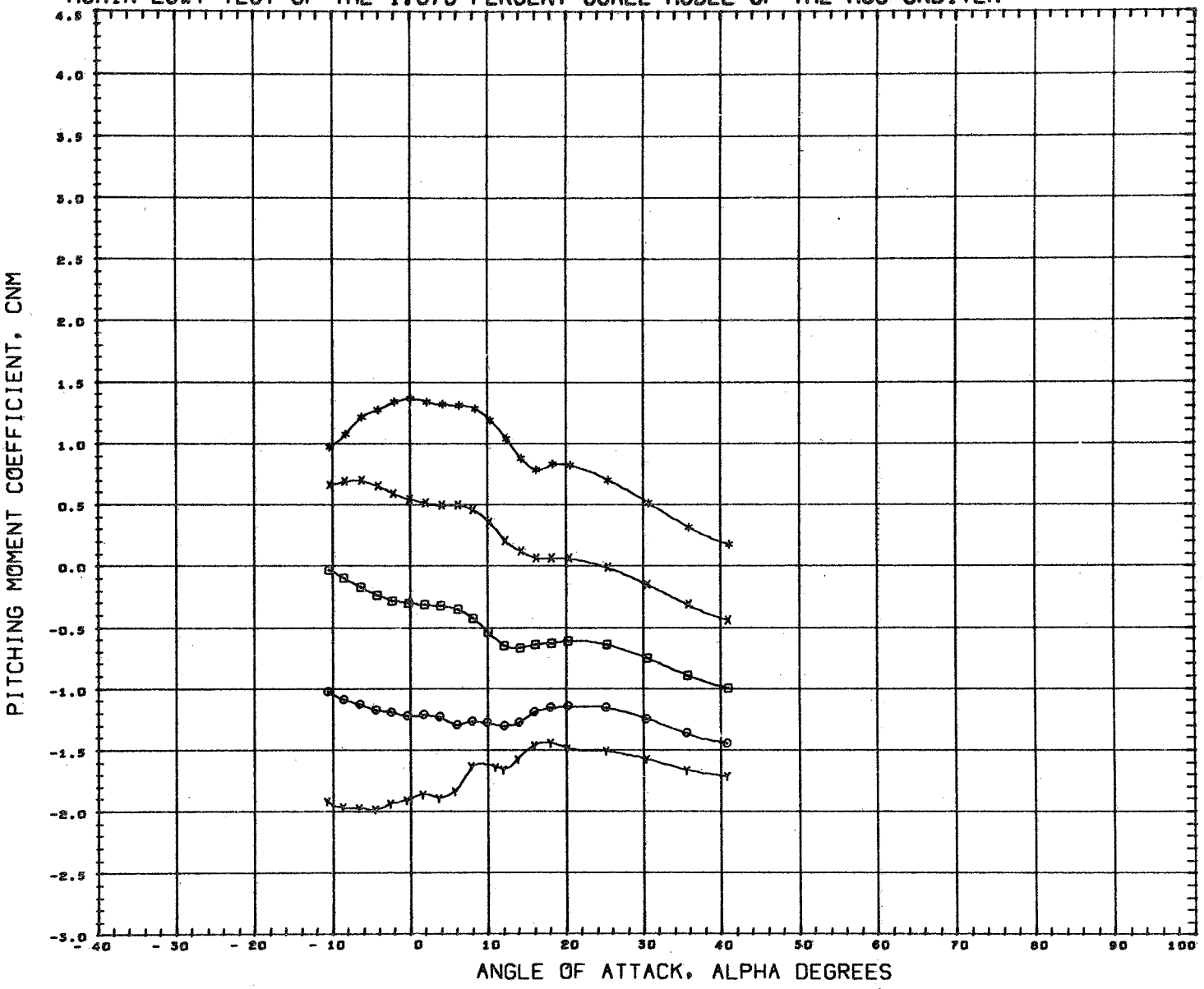
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1073)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1072)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1070)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1071)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1074)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



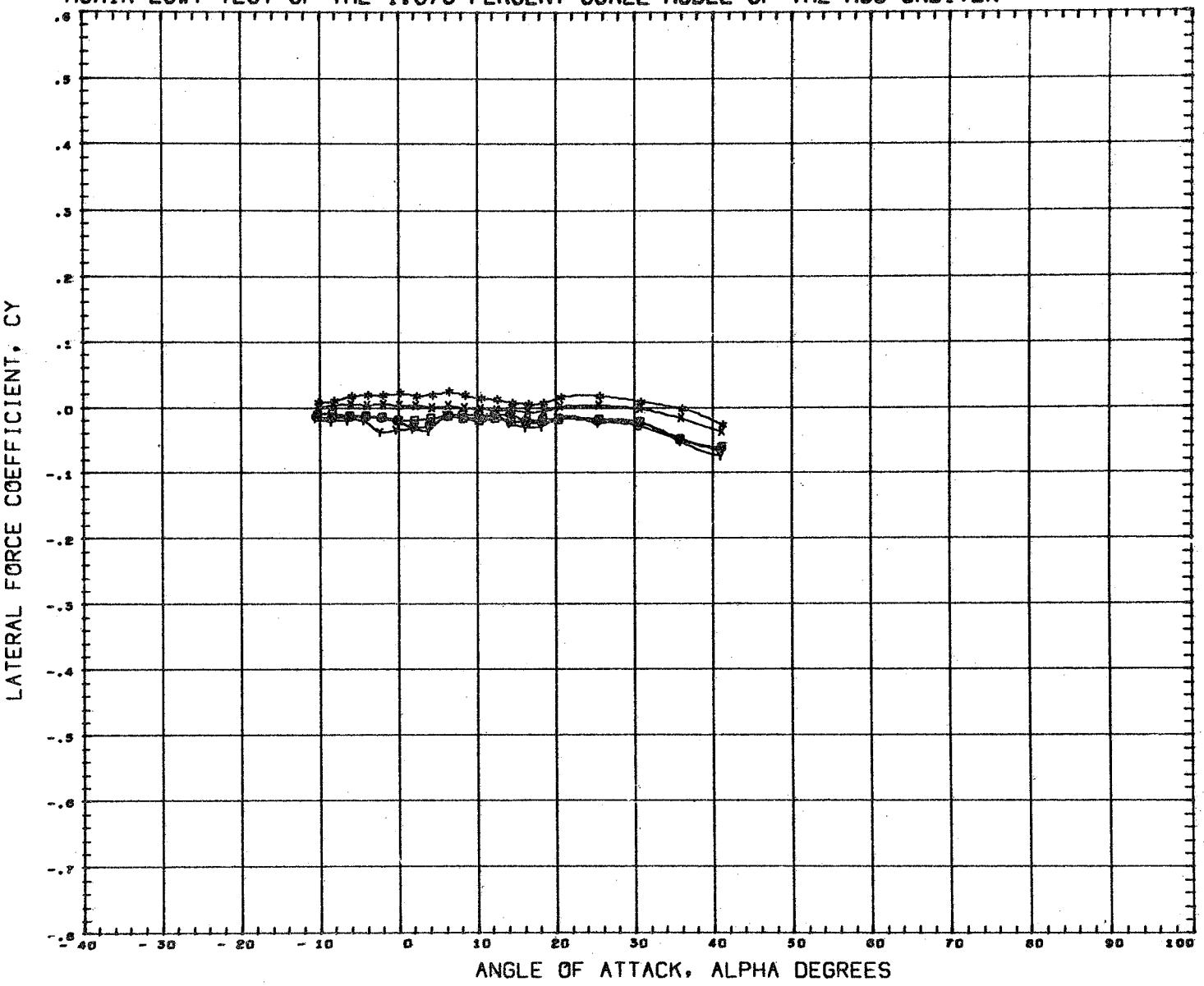
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1073)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1072)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1070)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1071)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1074)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

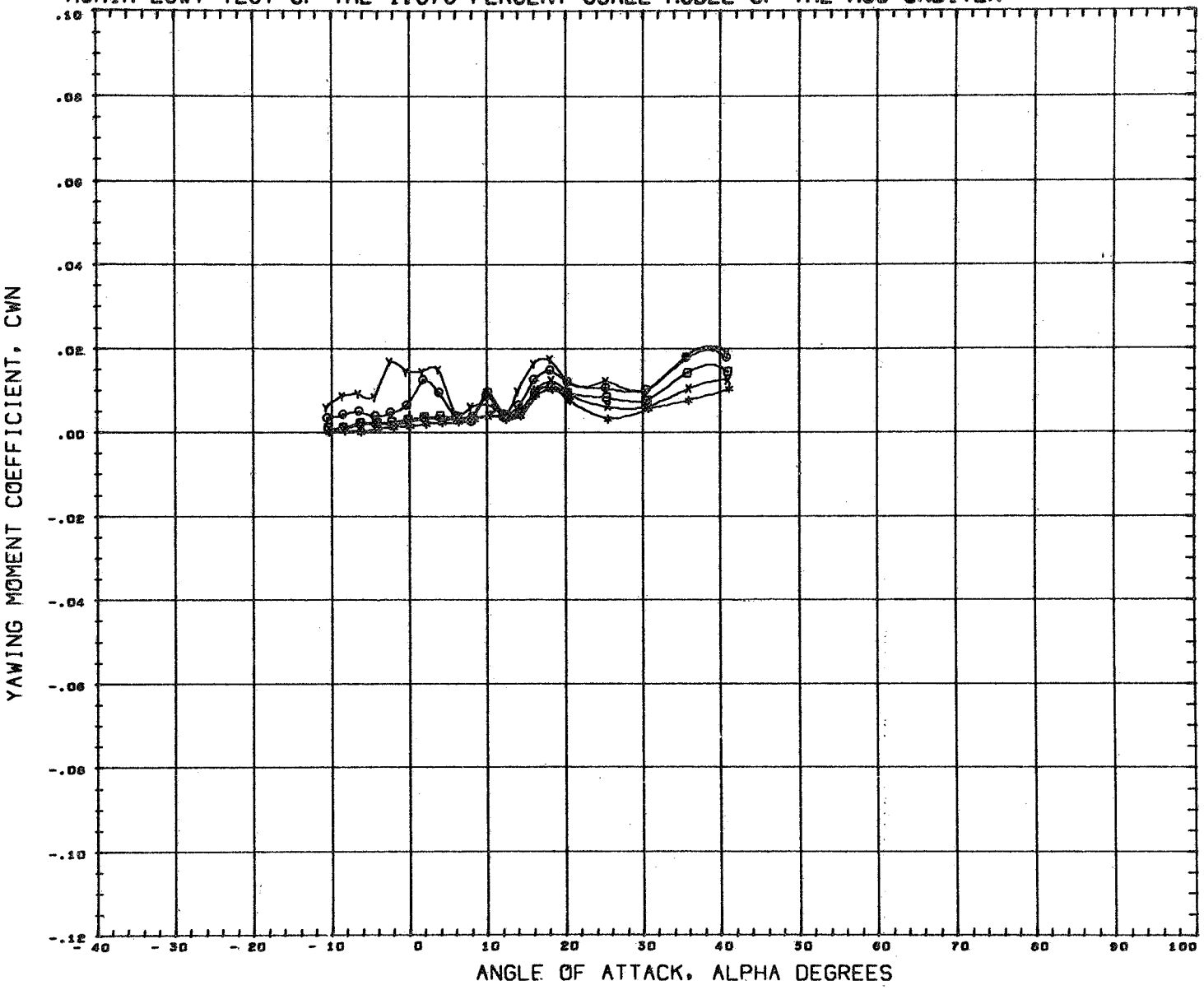


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1073)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1072)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1070)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1071)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1074)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



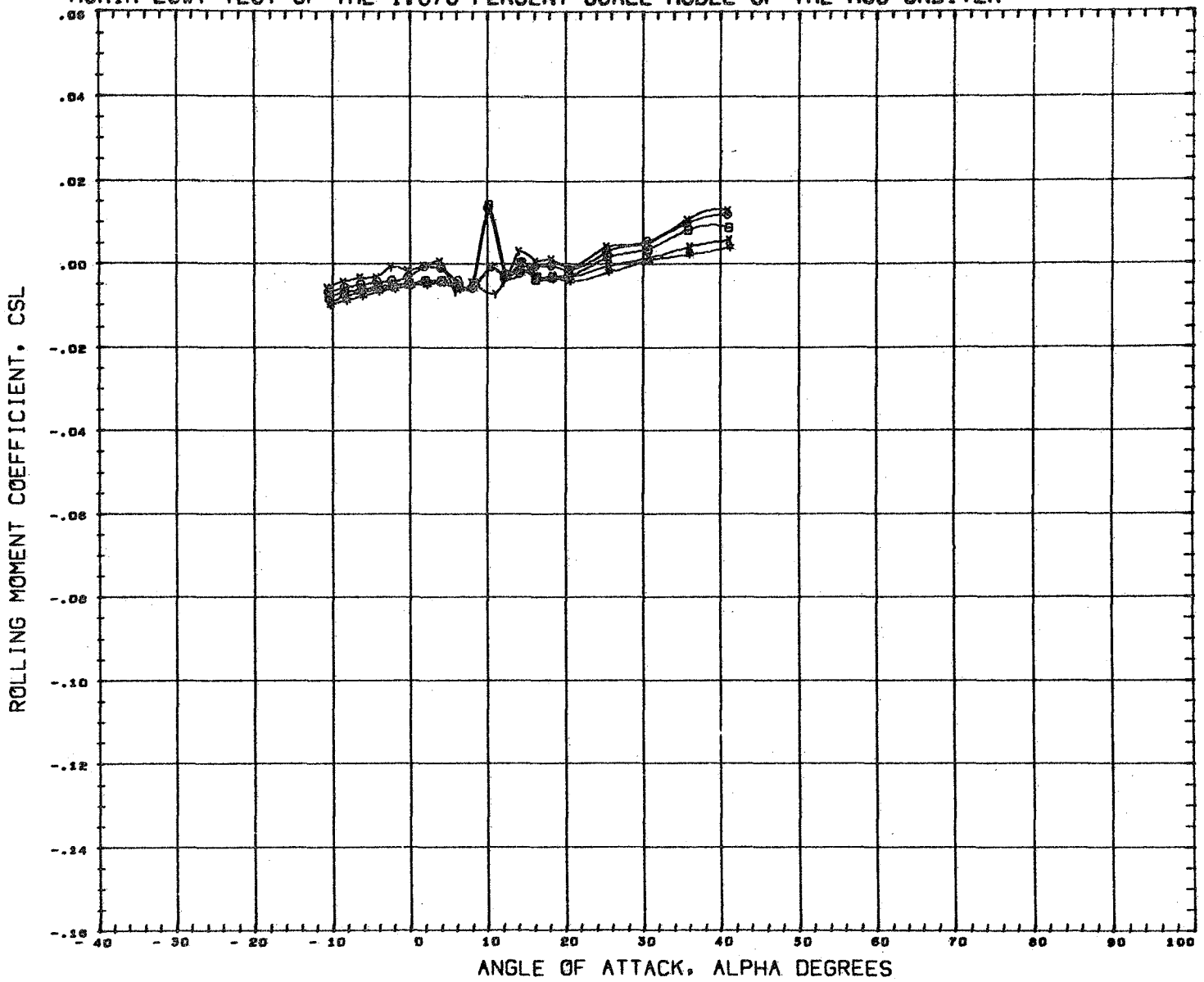
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1073)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1072)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1070)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1071)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1074)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



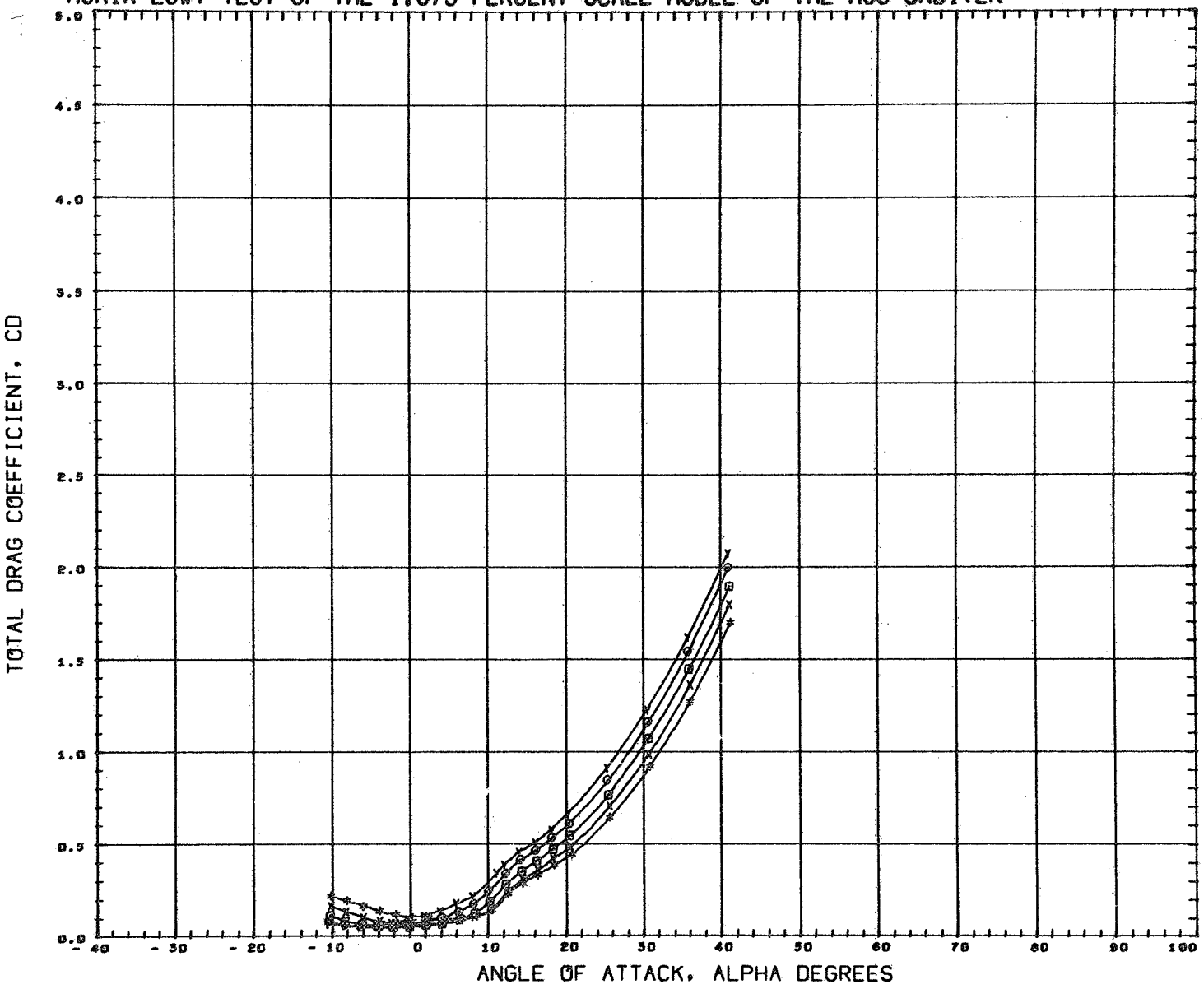
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1073)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1072)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1070)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1071)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1074)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



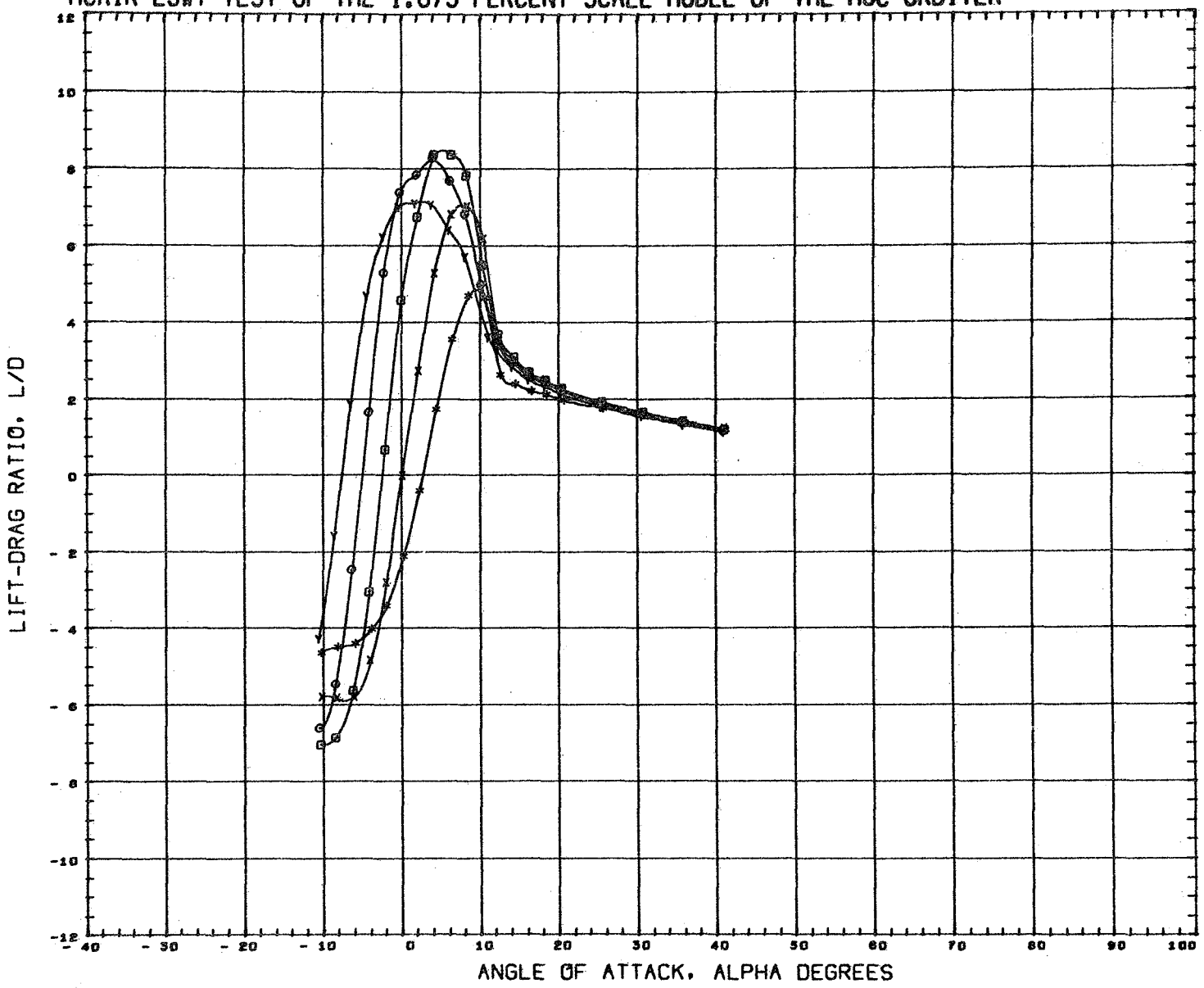
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1073)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1072)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1070)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1071)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1074)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



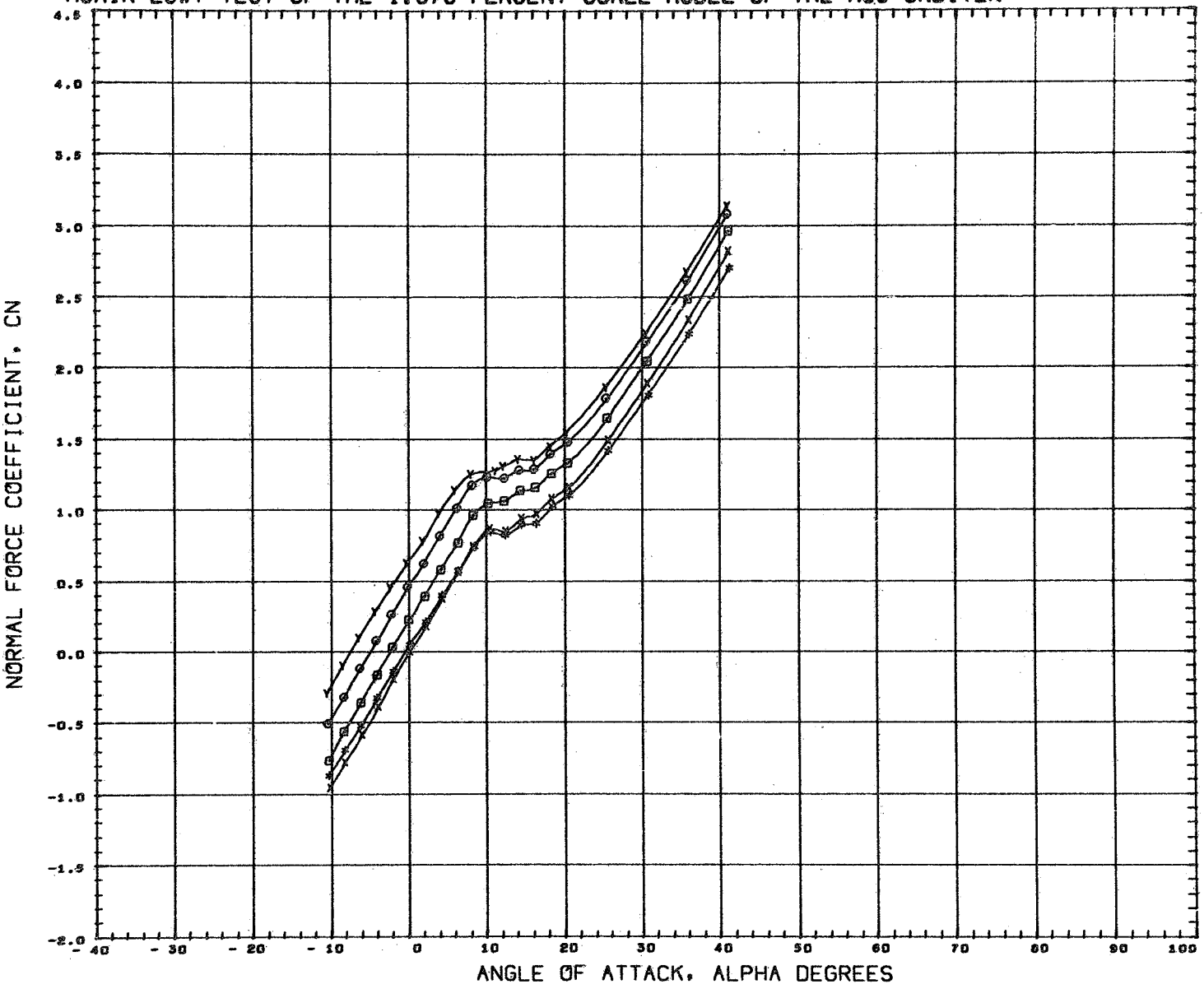
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1073)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1072)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1070)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1071)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(BC1074)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



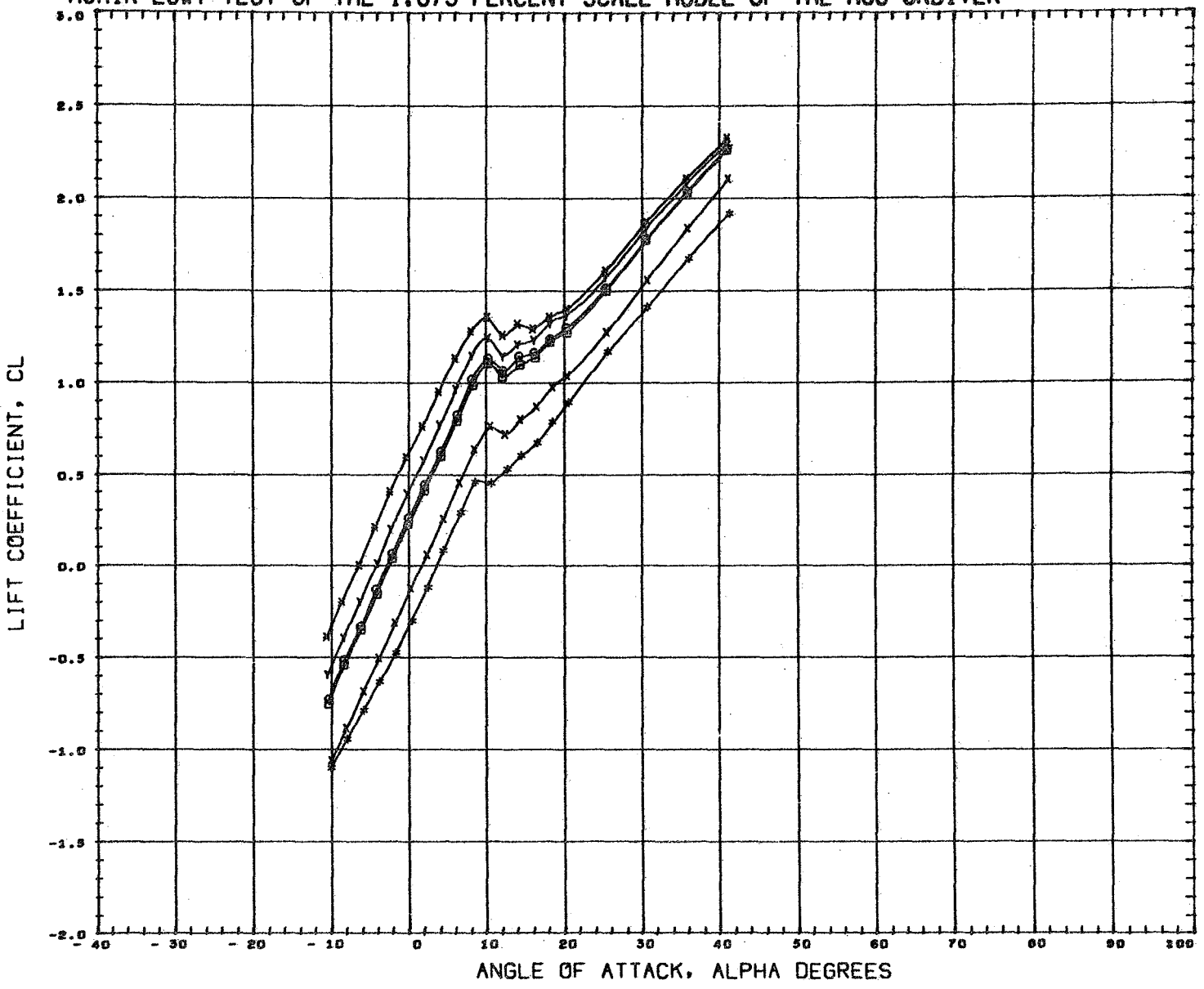
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(AC1F05)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(AC1072)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(AC1070)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(AC1071)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB B1H12V3W1	(AC1074)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



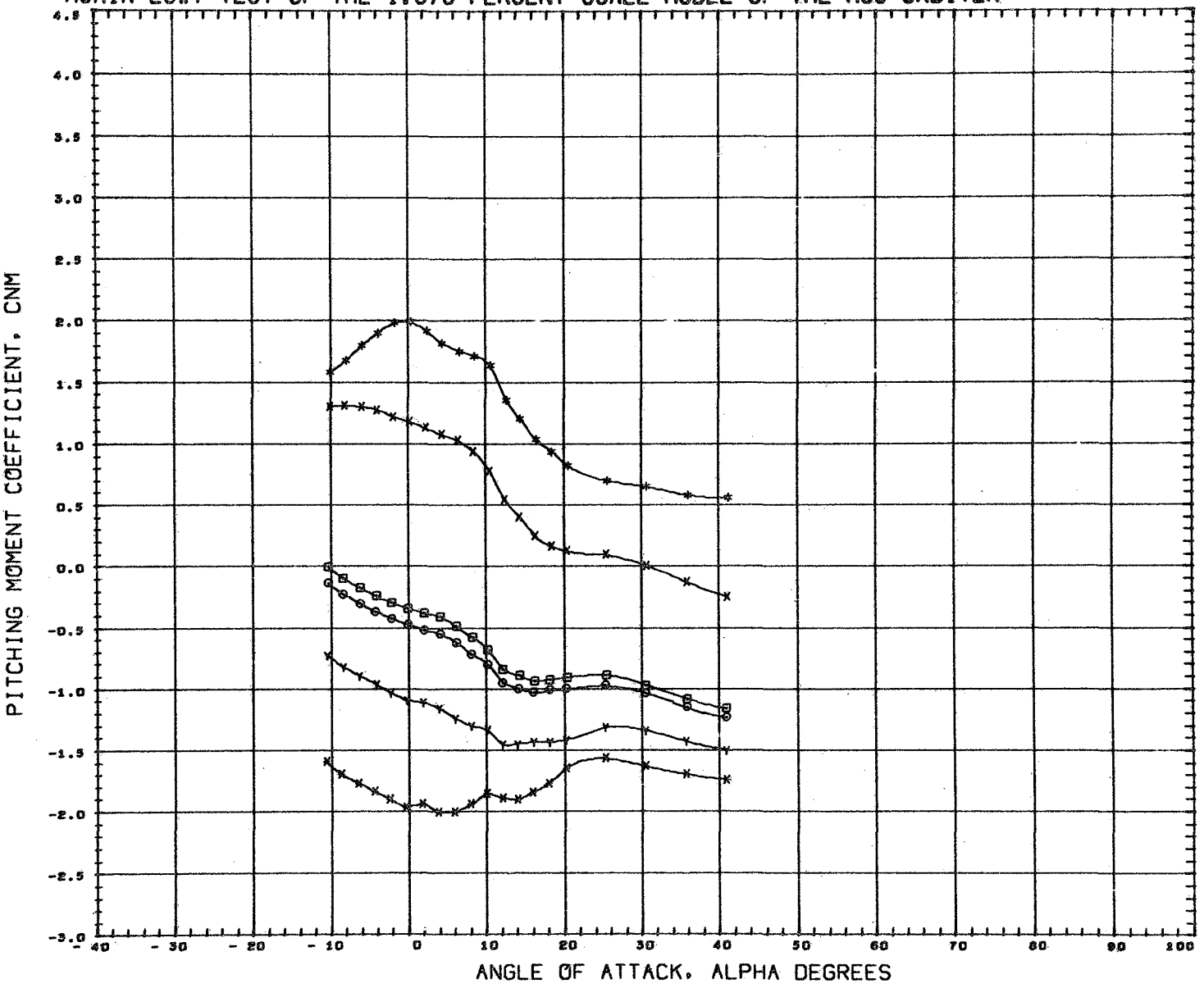
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G07)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G02)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G03)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



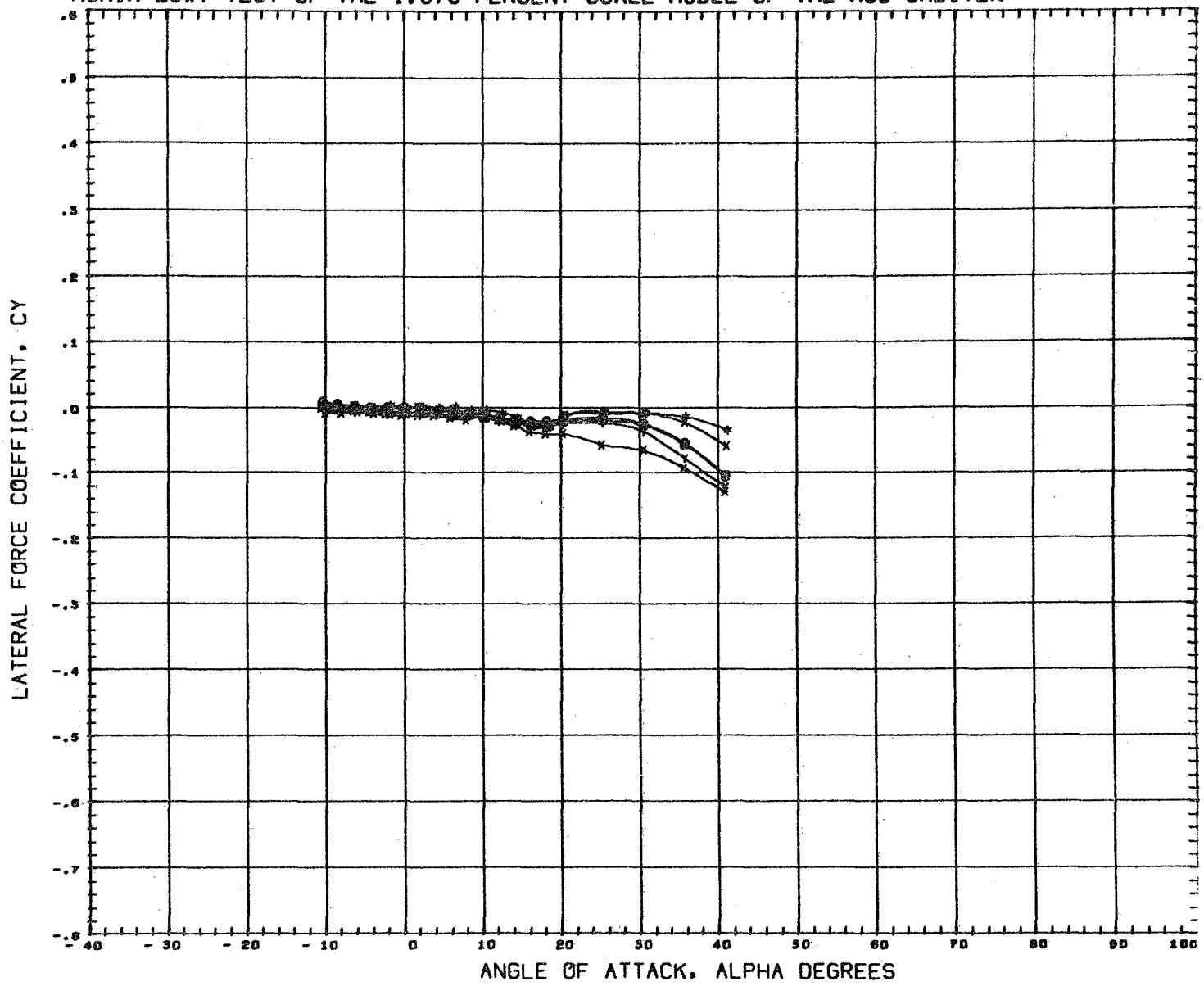
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G07)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G02)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G03)	28 JUL 70	
K	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

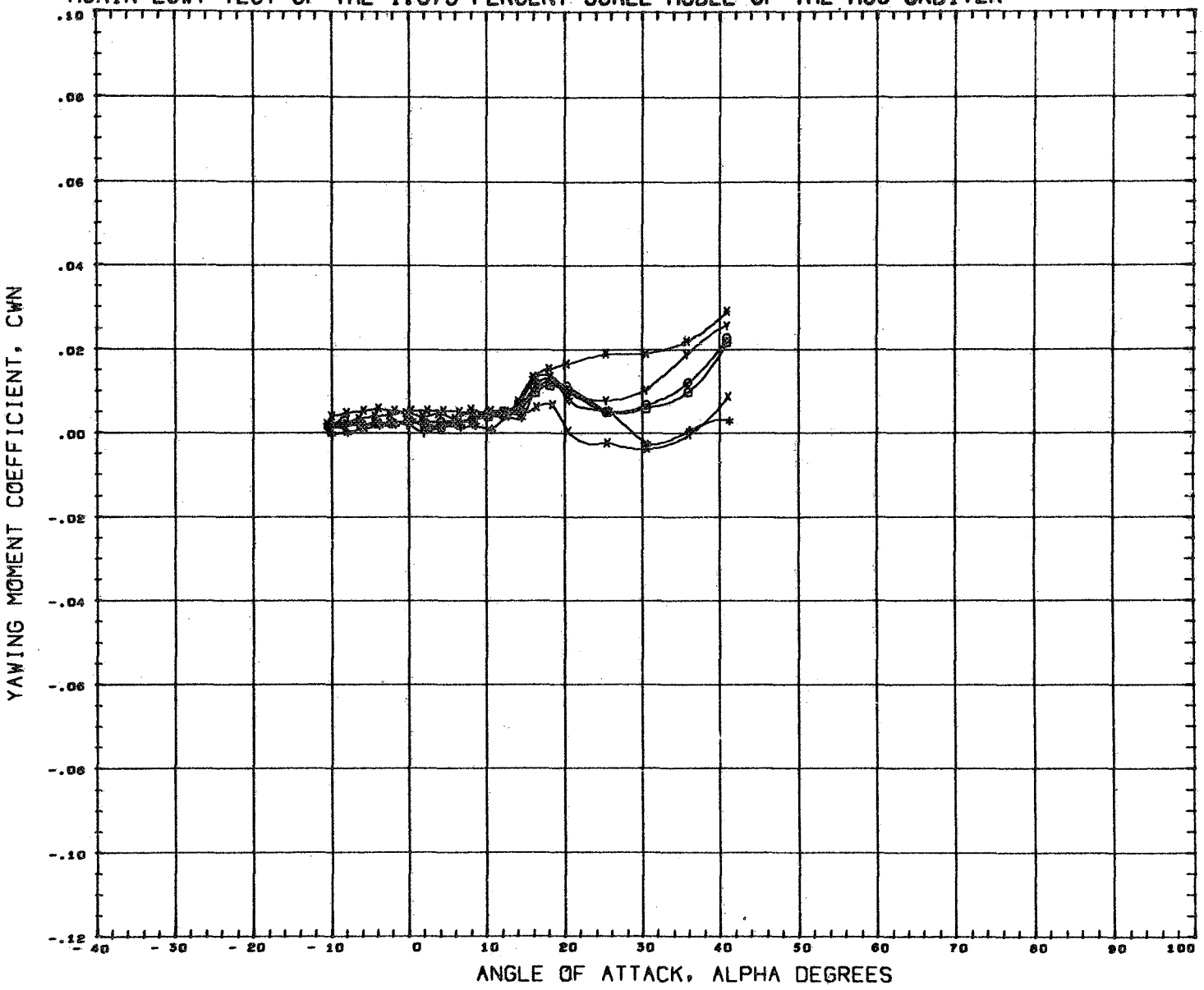


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G07)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G02)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G03)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

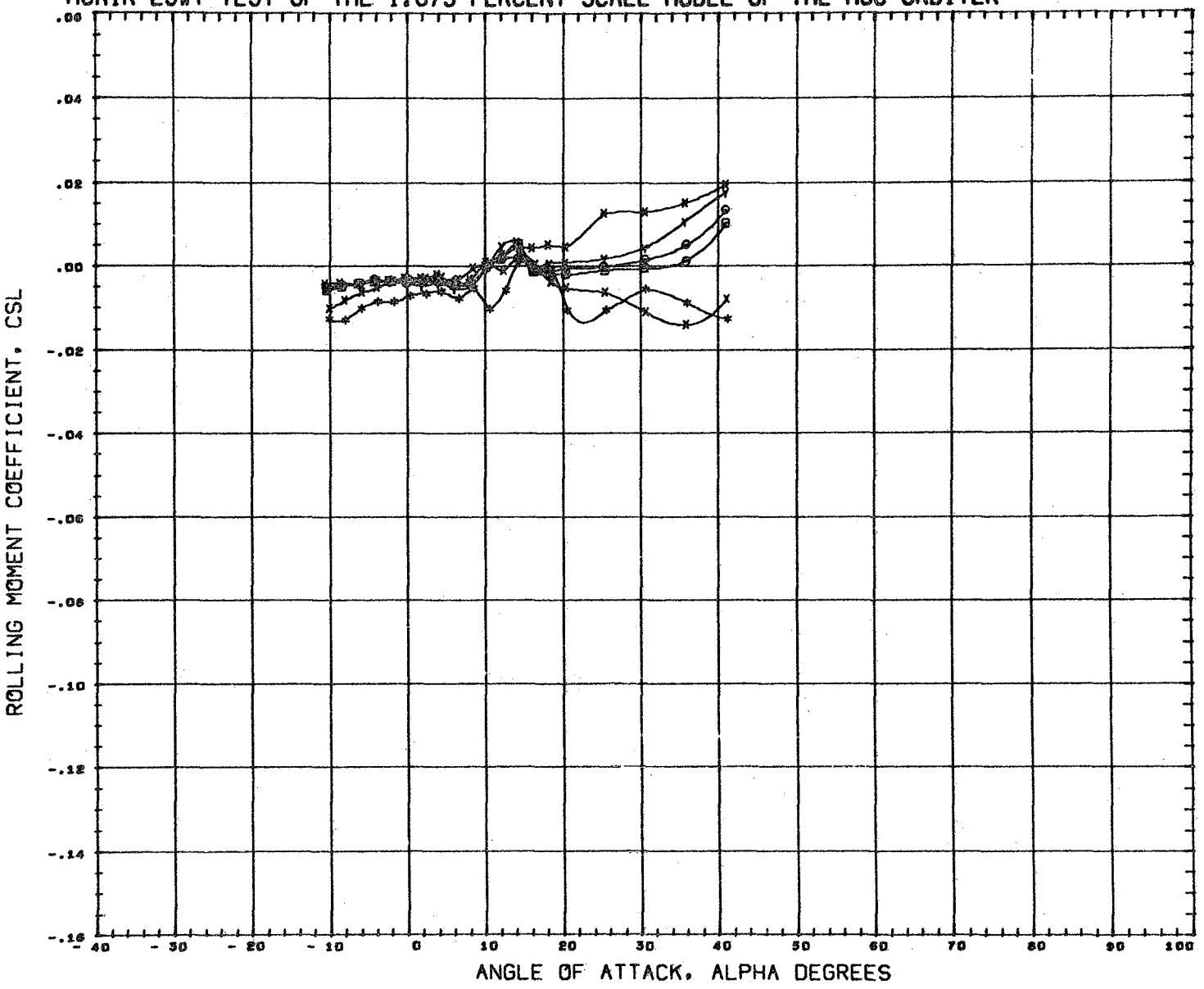


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G07)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	
@	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G02)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G03)	28 JUL 70	
#	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



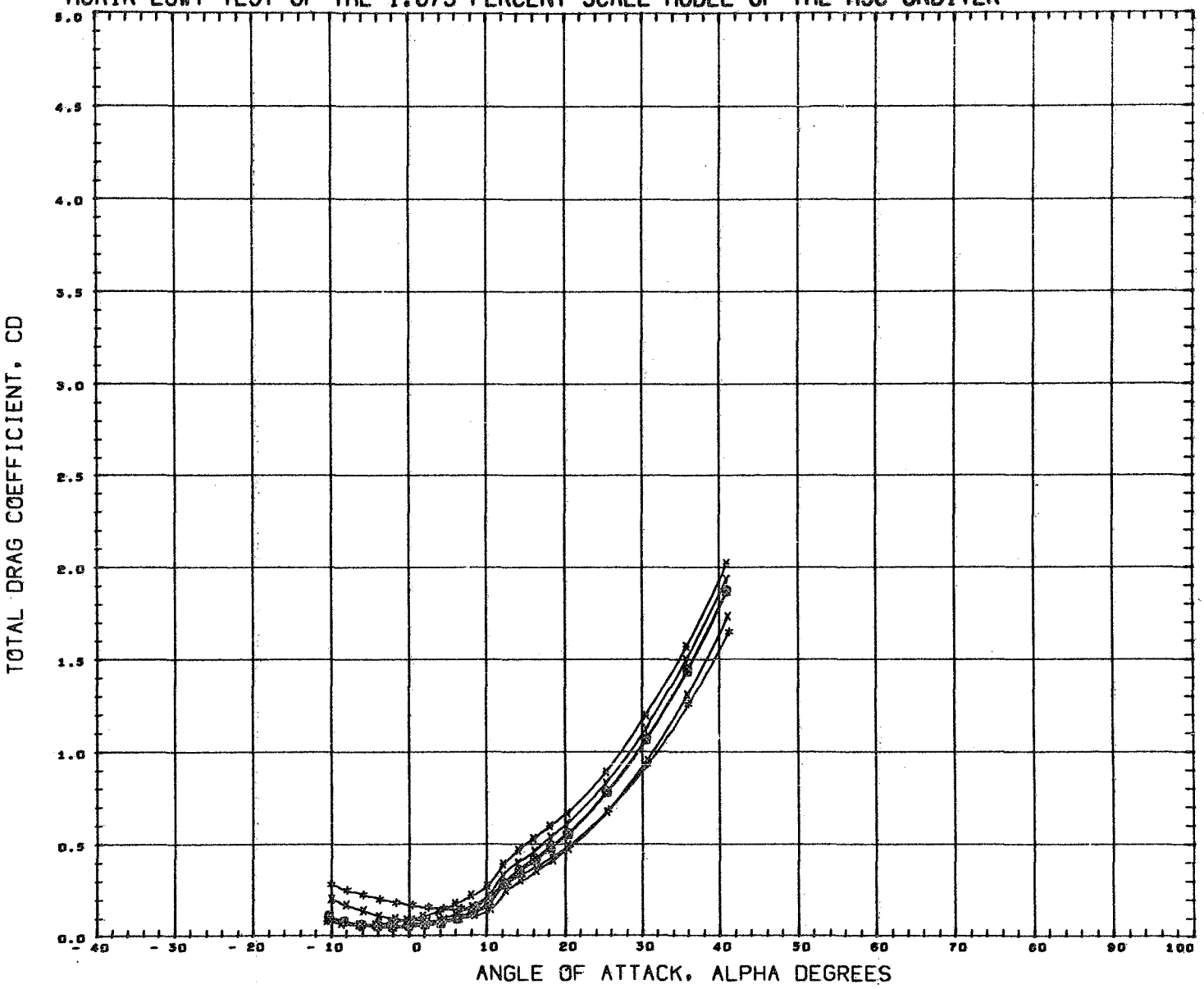
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G07)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G02)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G03)	28 JUL 70	
H	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20000×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

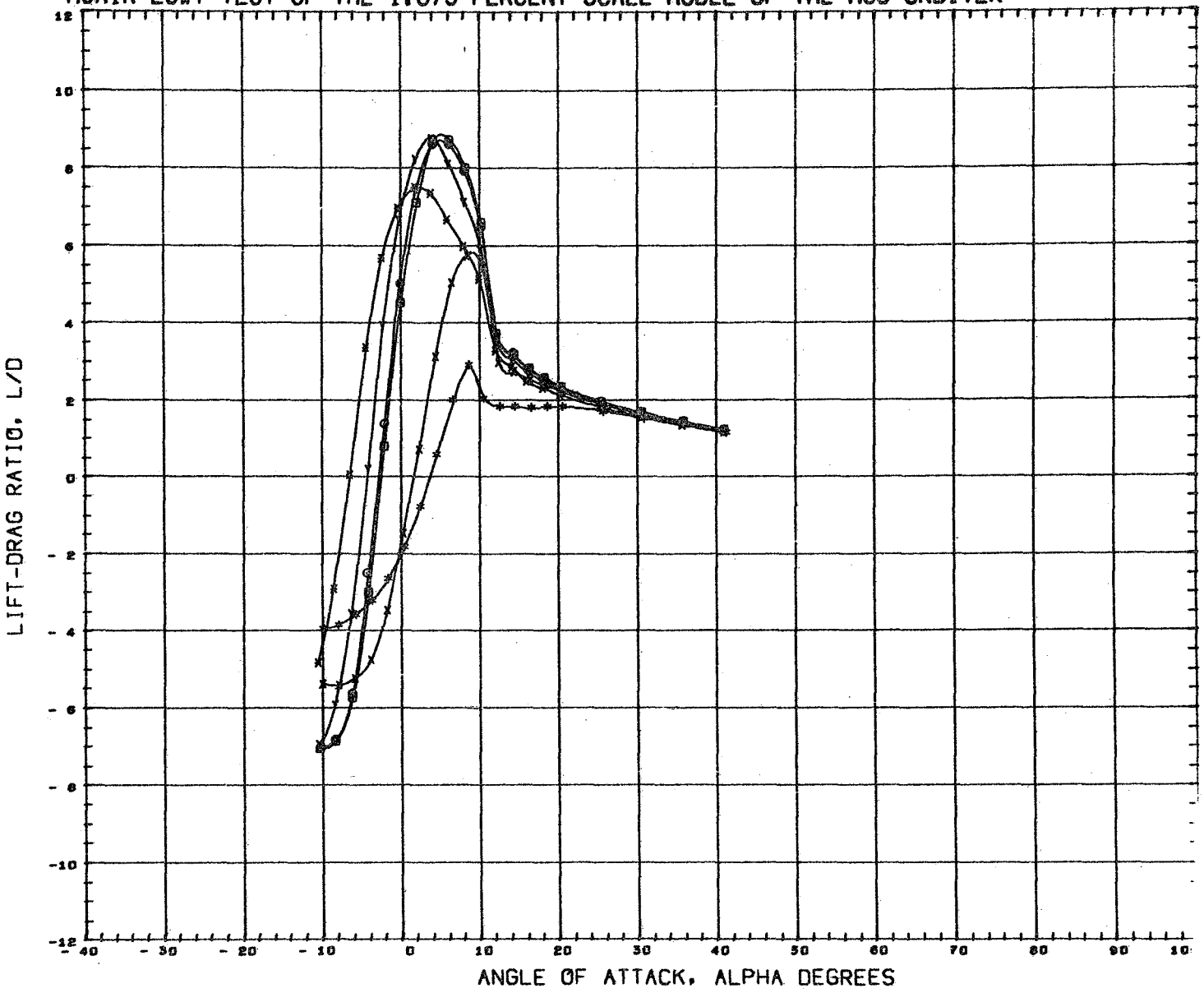


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G07)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G02)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G03)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

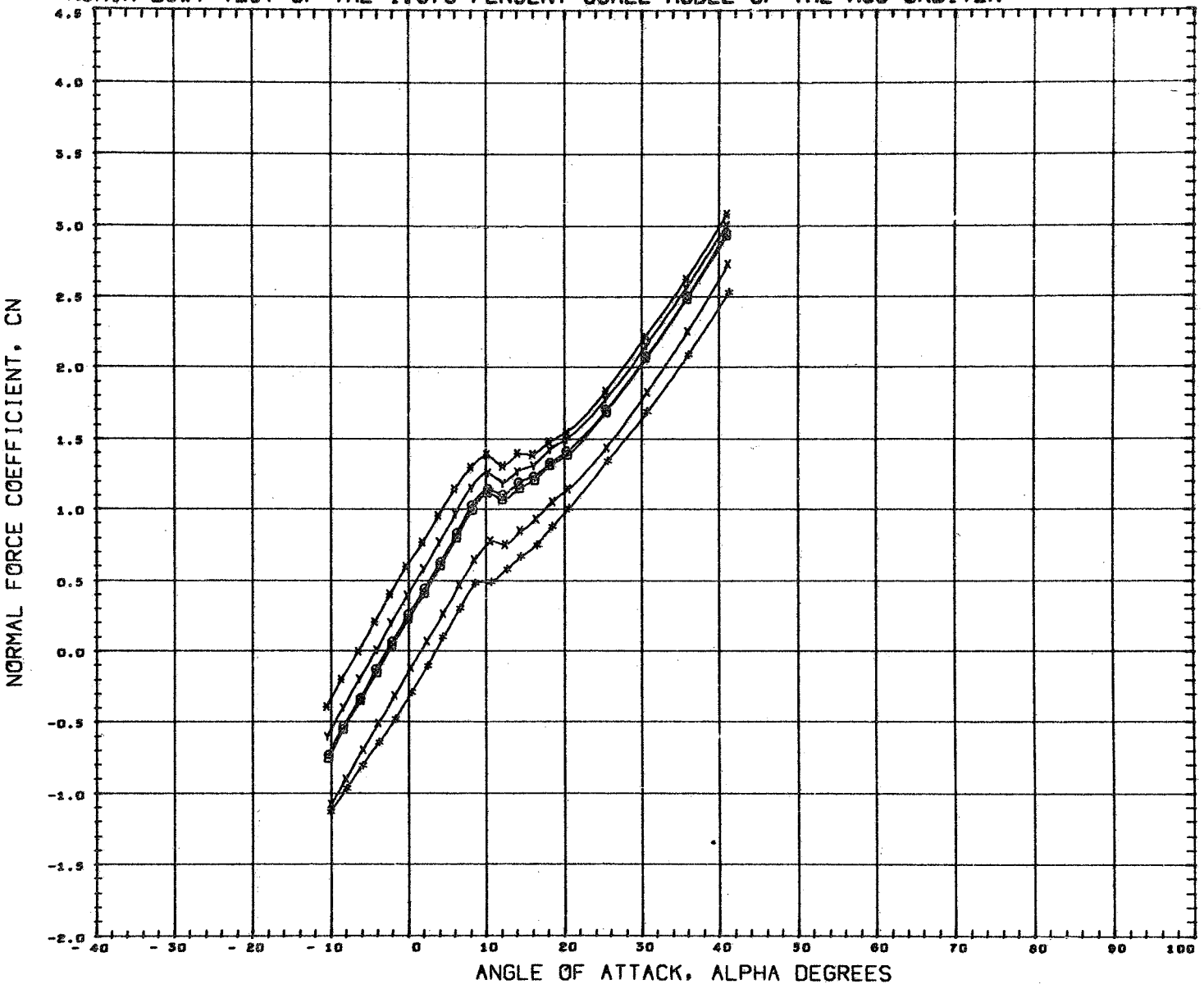


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G07)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G02)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G03)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



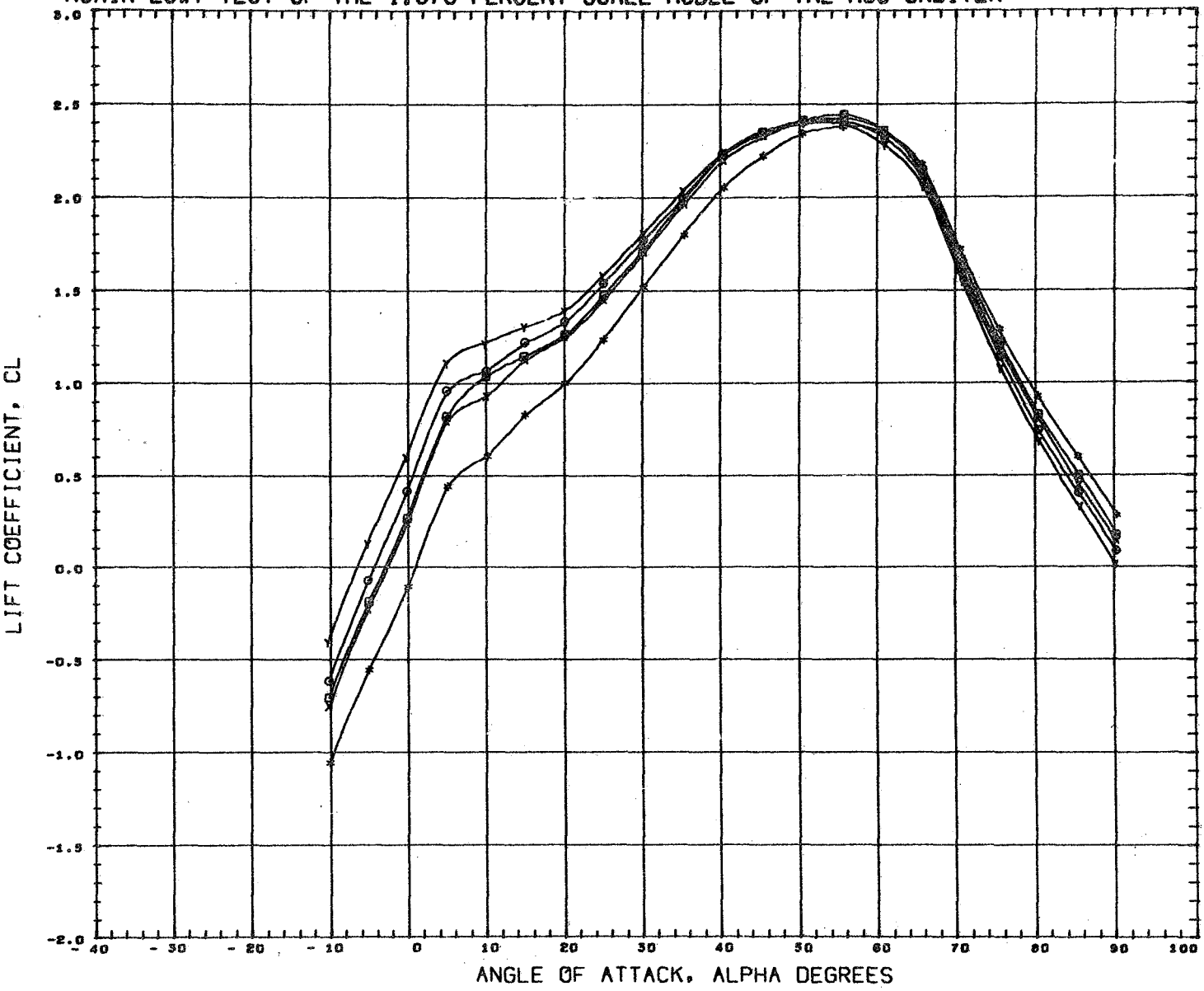
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(AC1G07)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(AC1G06)	28 JUL 70	
⊠	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(AC1G05)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(AC1G02)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(AC1G03)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(AC1G04)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



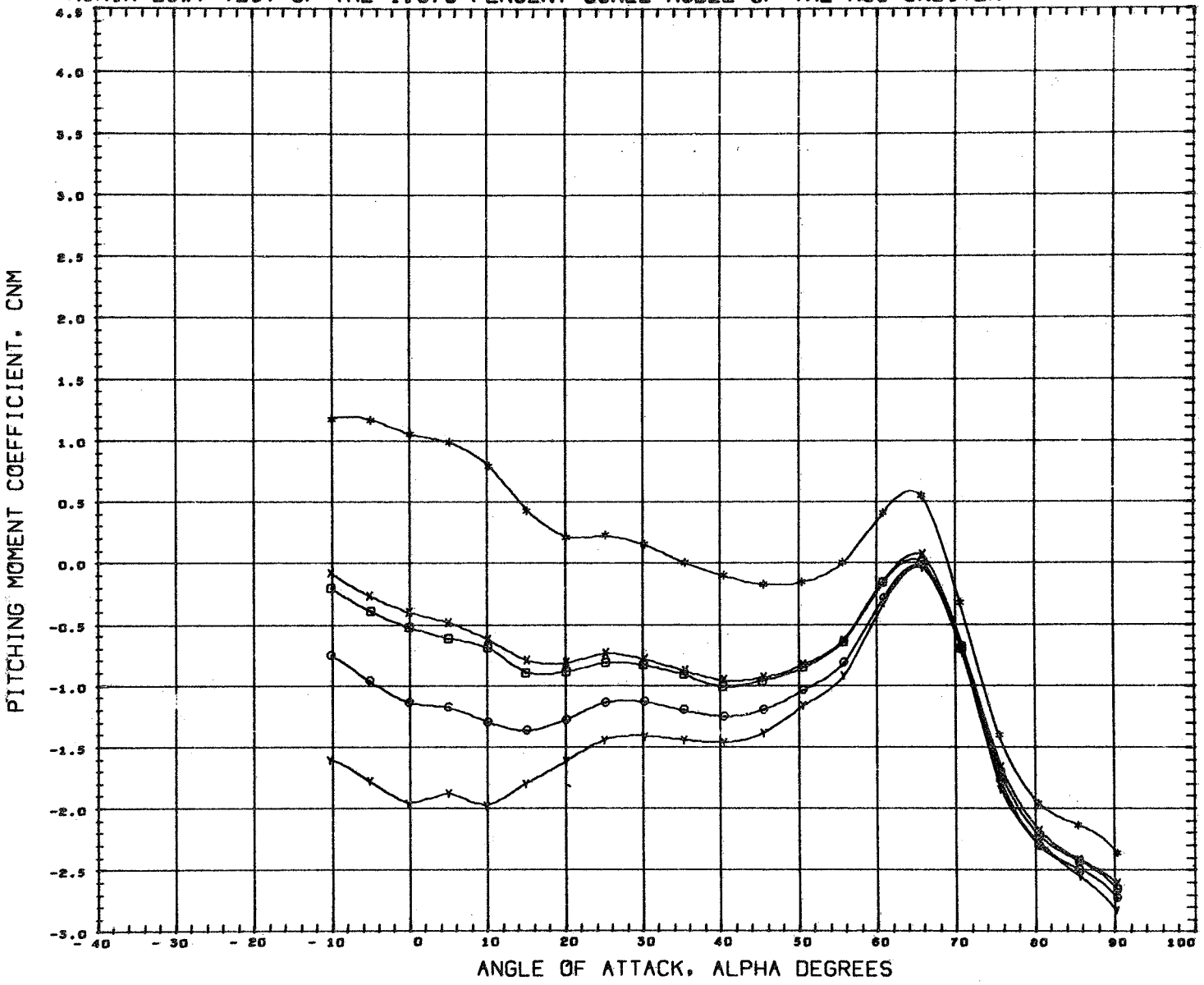
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H12)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H10)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H01)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H07)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



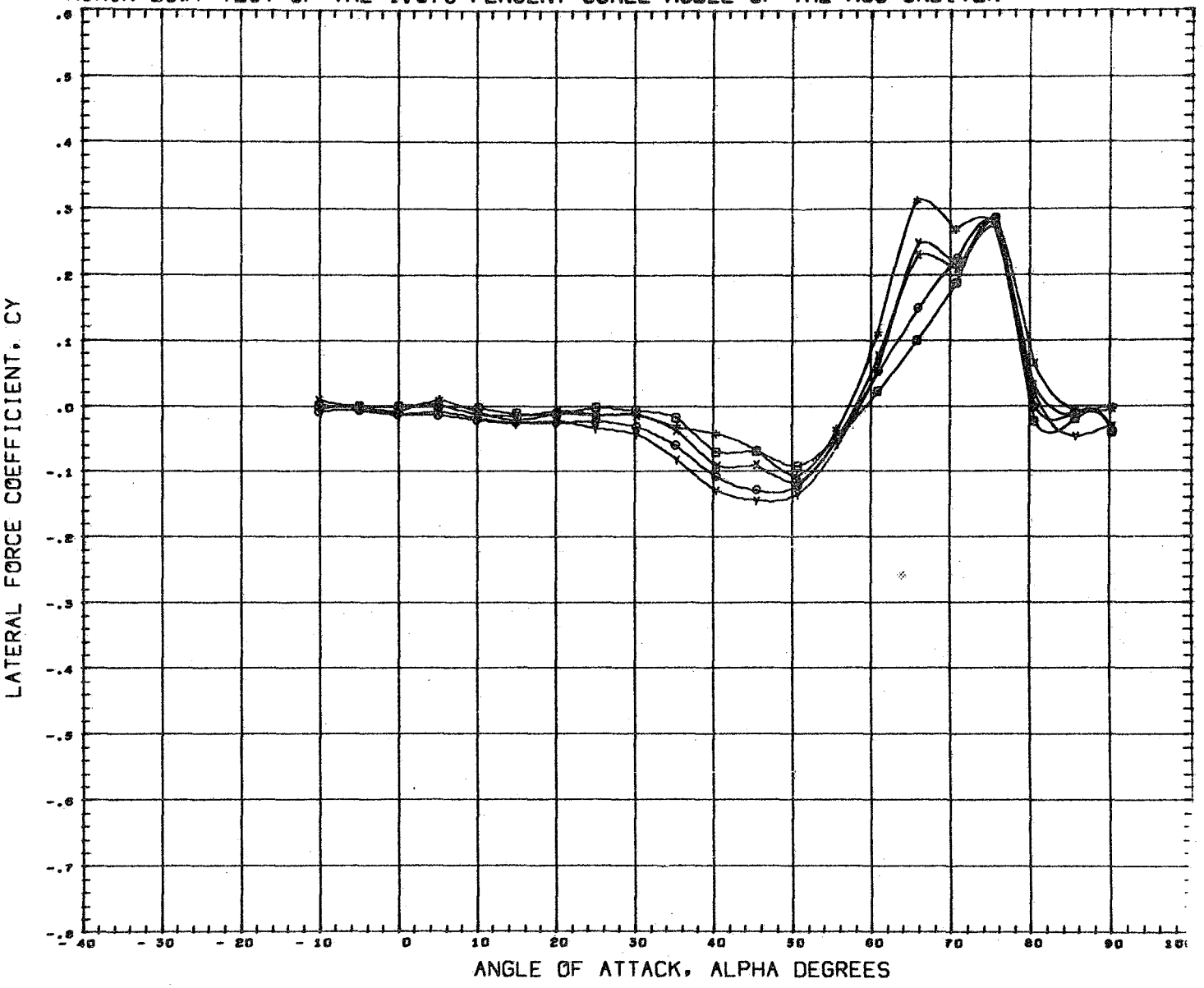
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H12)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H10)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H01)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H07)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



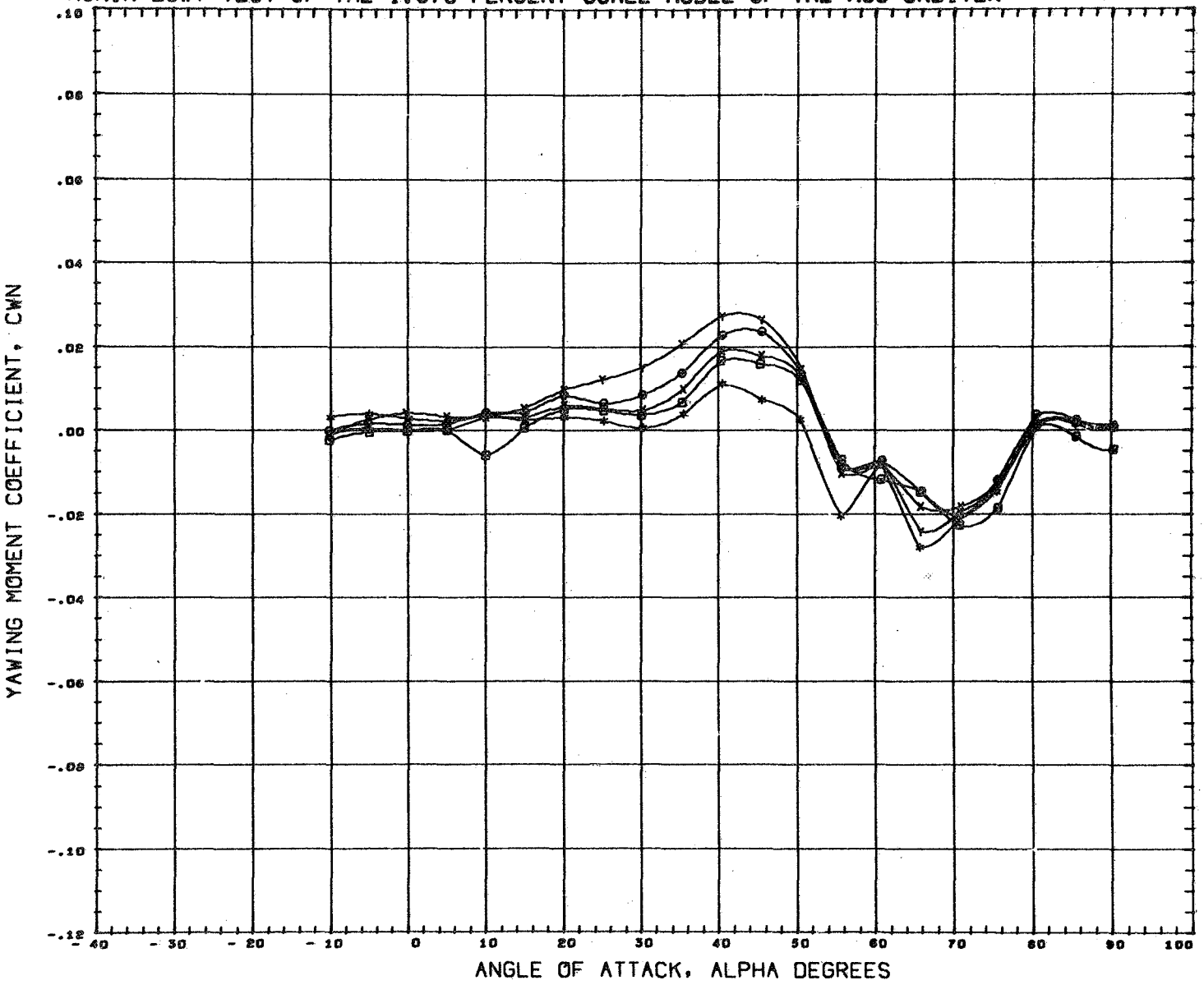
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H12)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H10)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H01)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H07)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



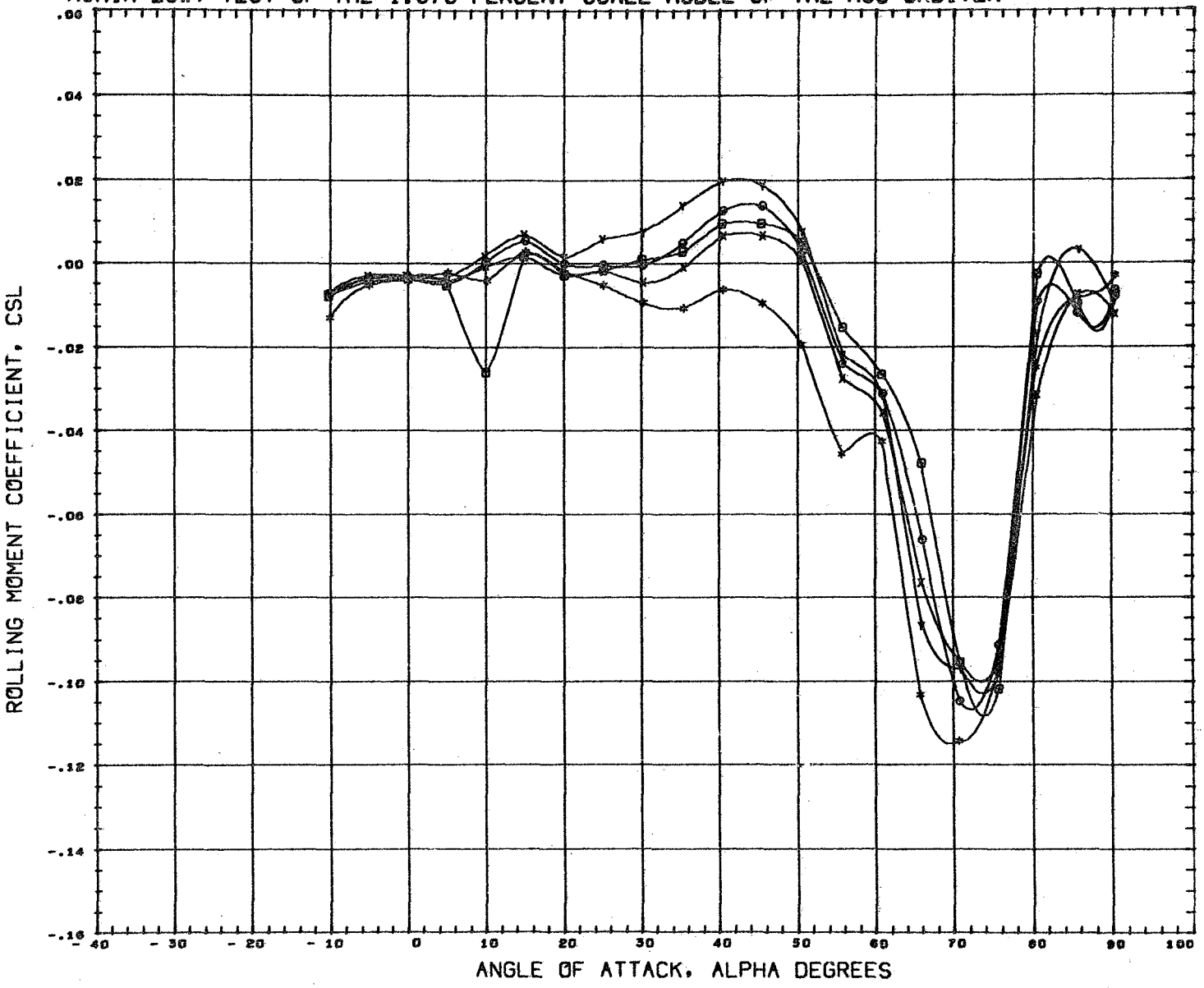
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H12)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H10)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H01)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H07)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



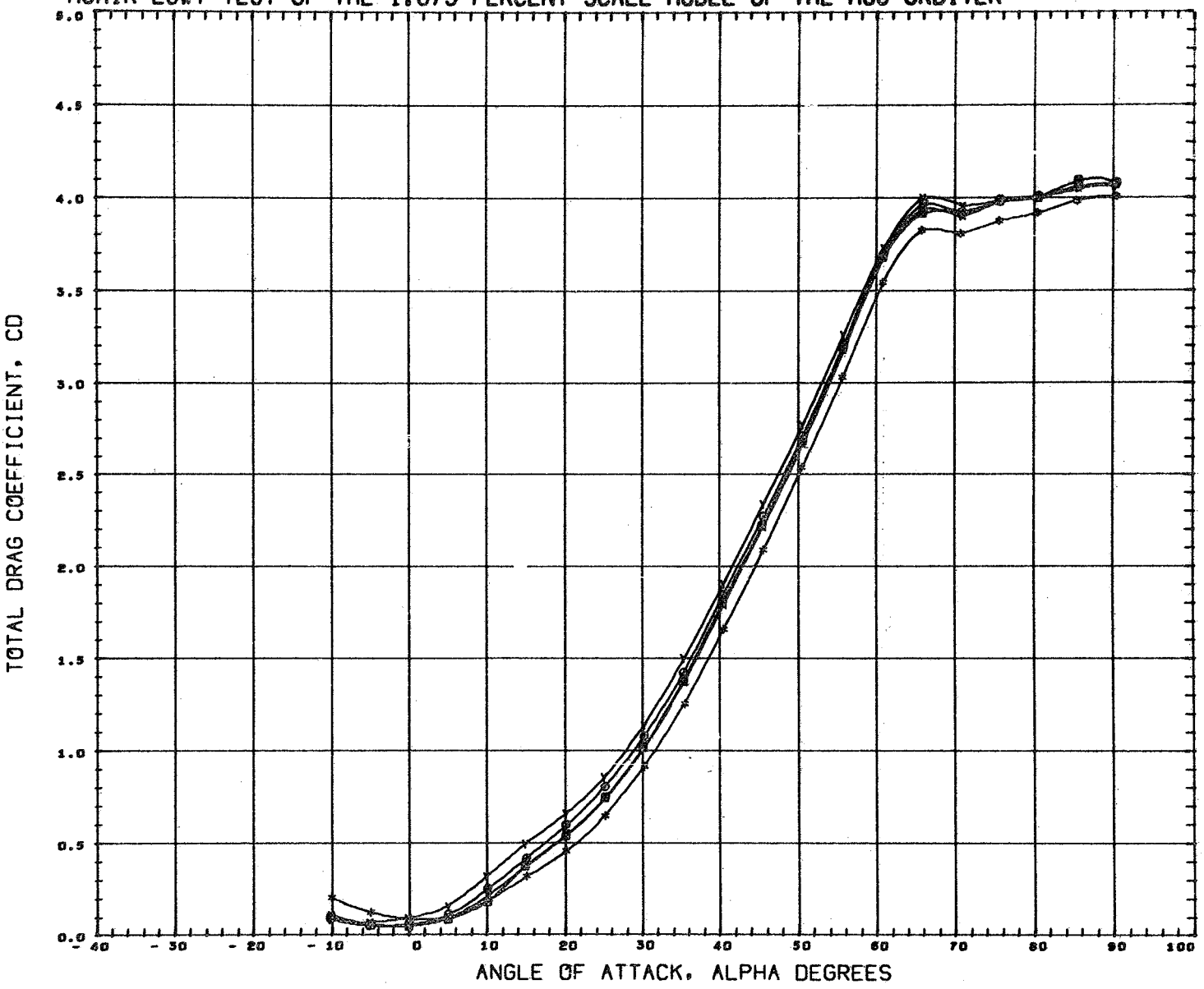
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3WI	(BC1H12)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H10)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H01)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H07)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



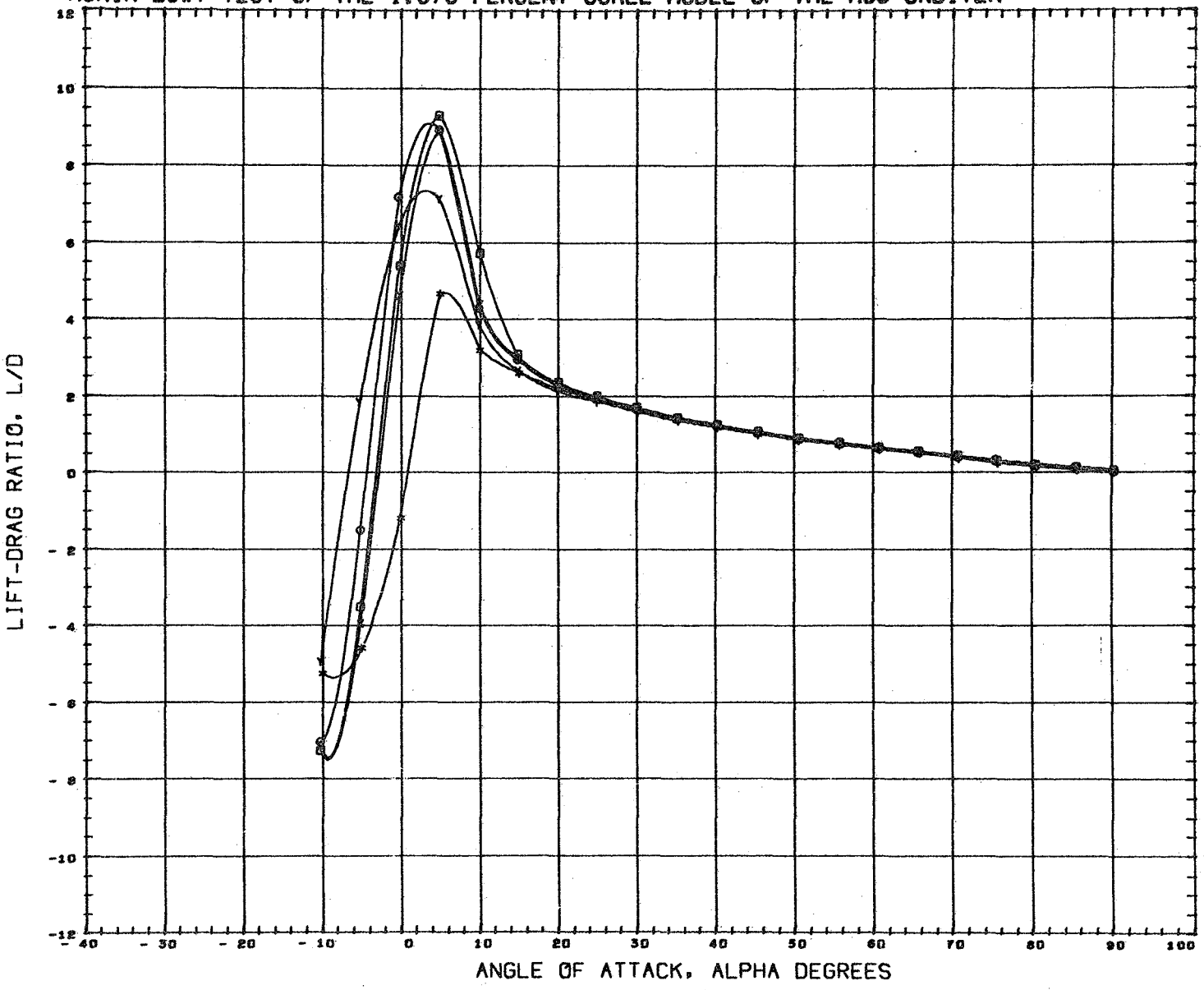
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H12)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H10)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H01)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H07)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



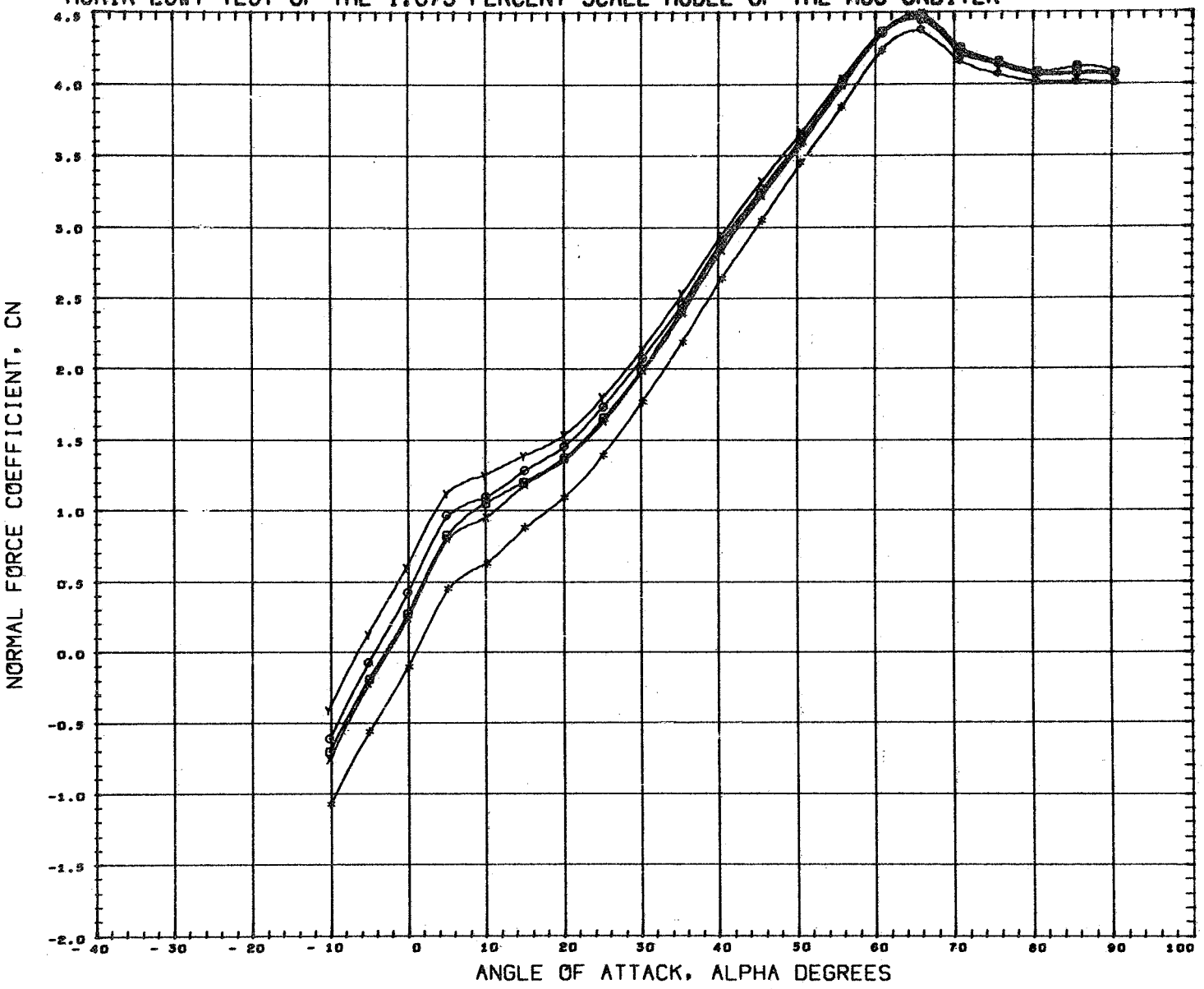
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H12)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H10)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H01)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H07)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



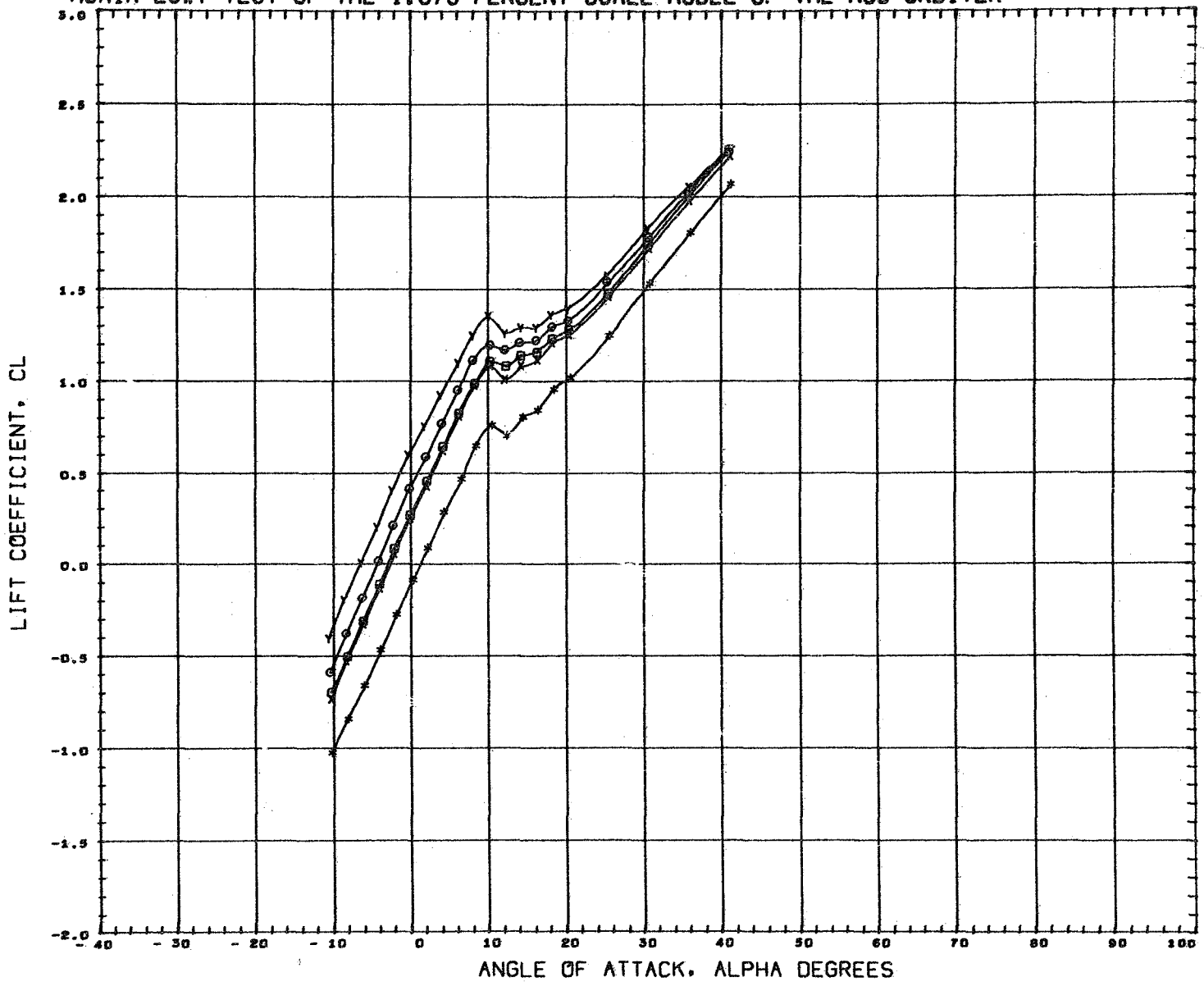
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(AC1H12)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(AC1H10)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(AC1H01)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(AC1H06)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(AC1H07)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10^{-01}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



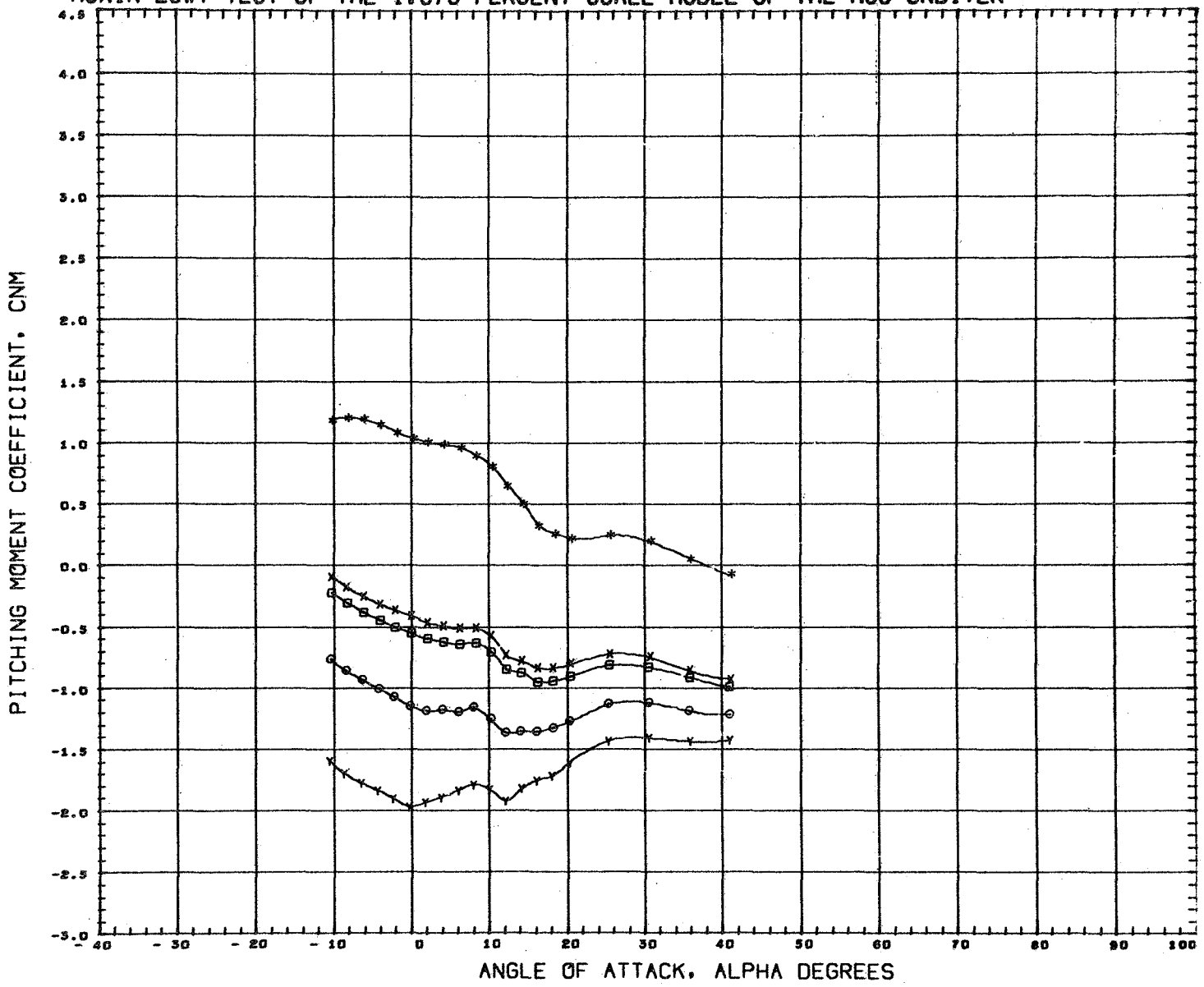
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H00)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H05)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



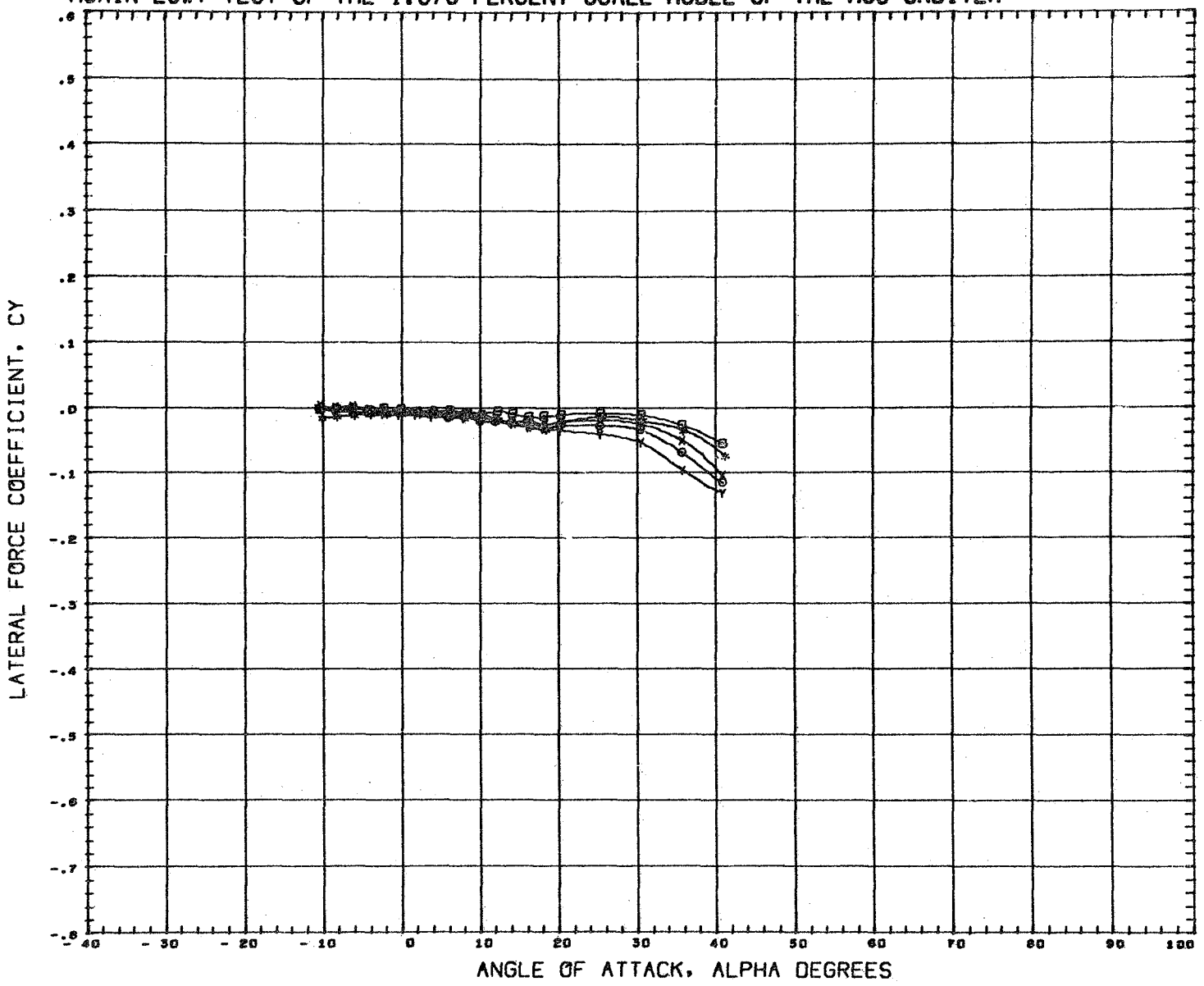
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H00)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H05)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



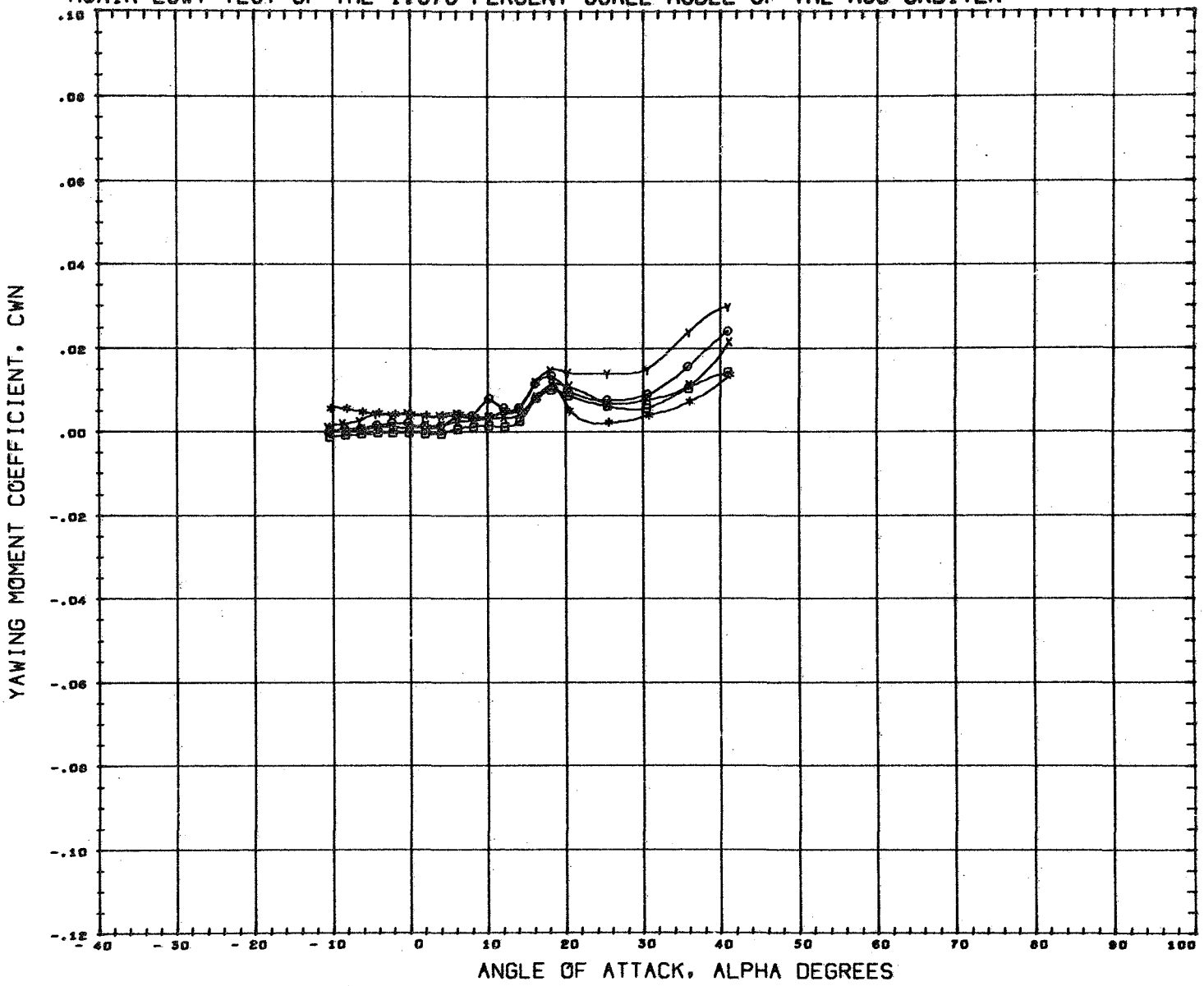
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
⊗	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H00)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H05)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H08)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20600×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



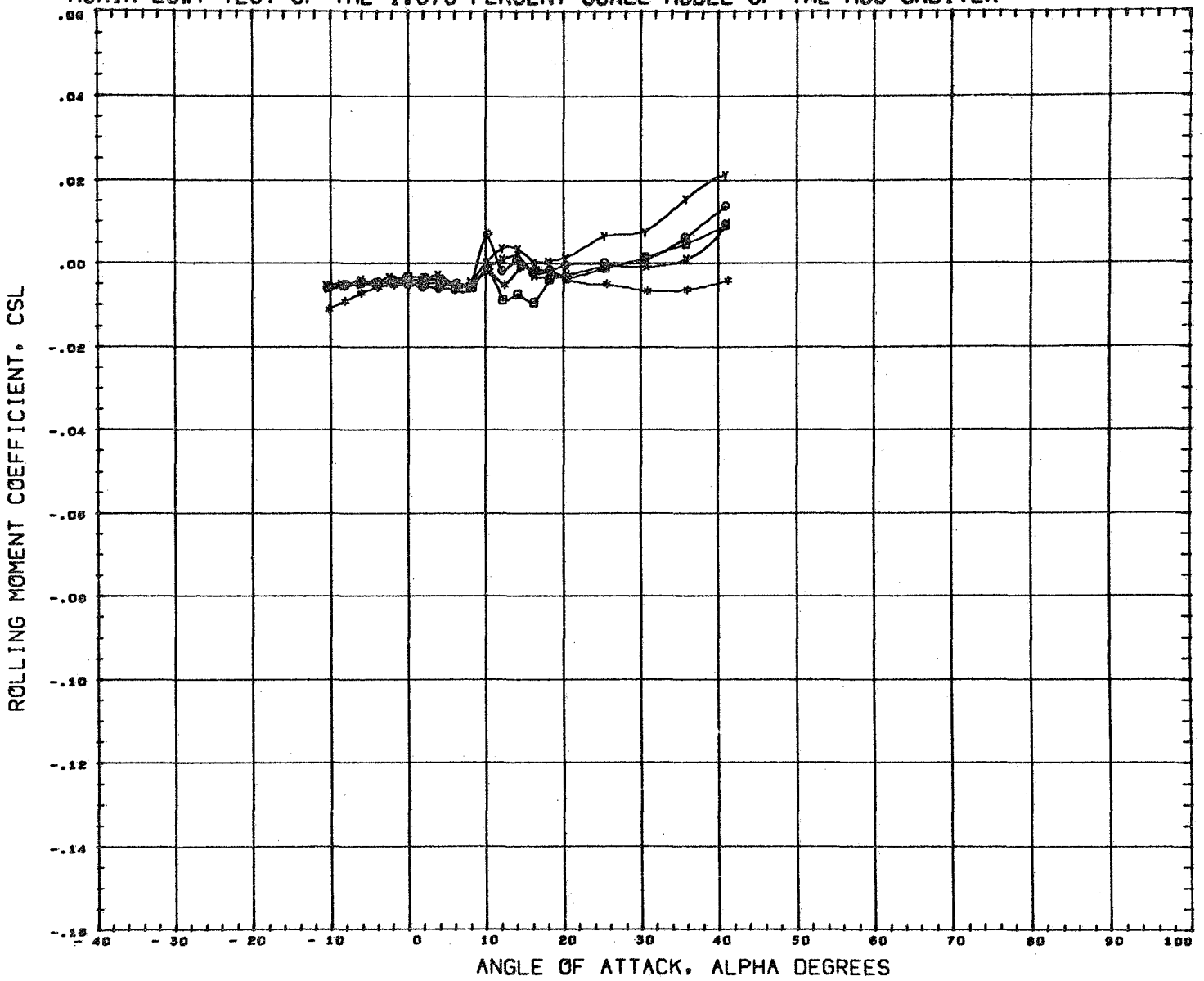
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
⊗	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H00)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H05)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



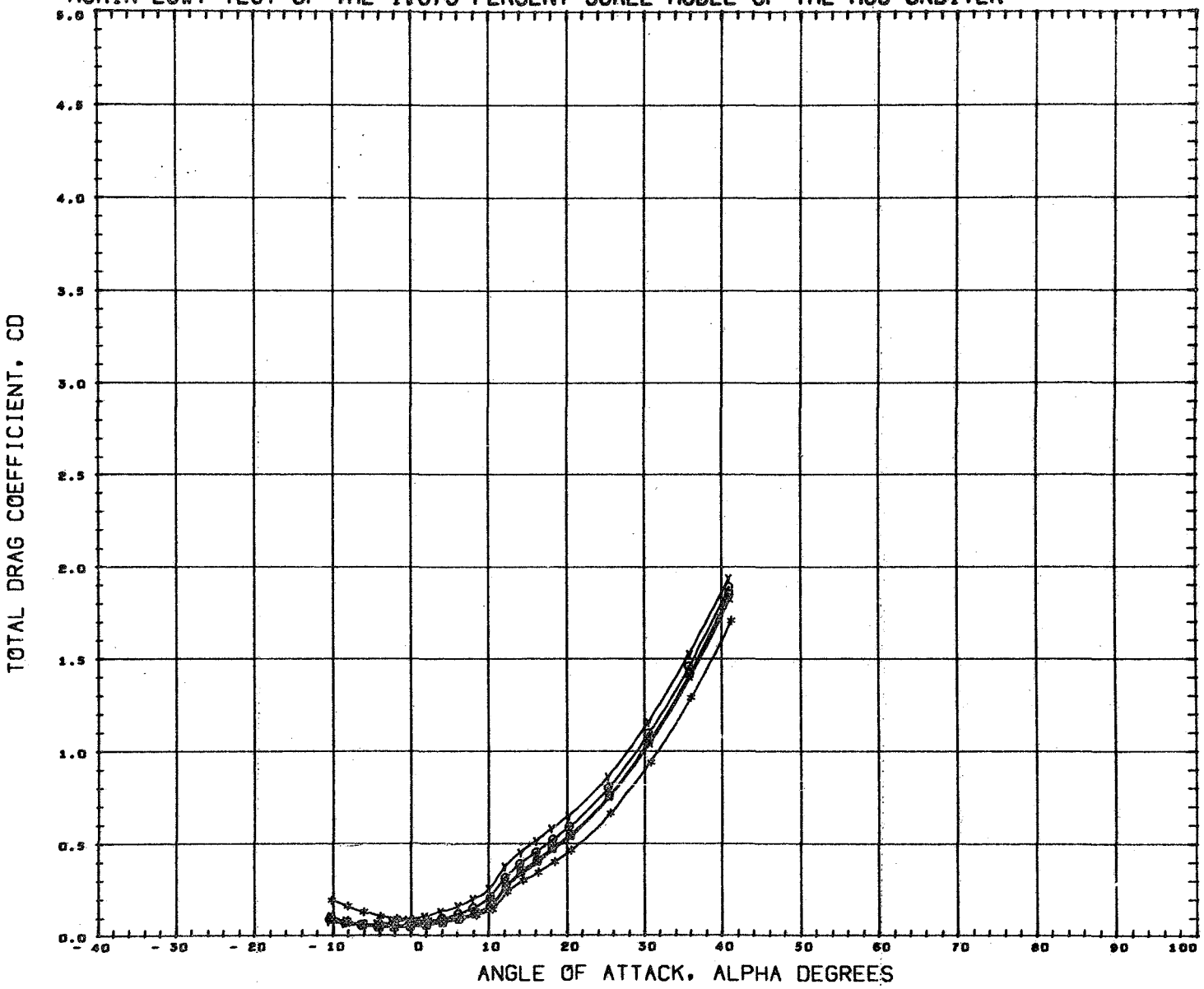
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H00)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H05)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



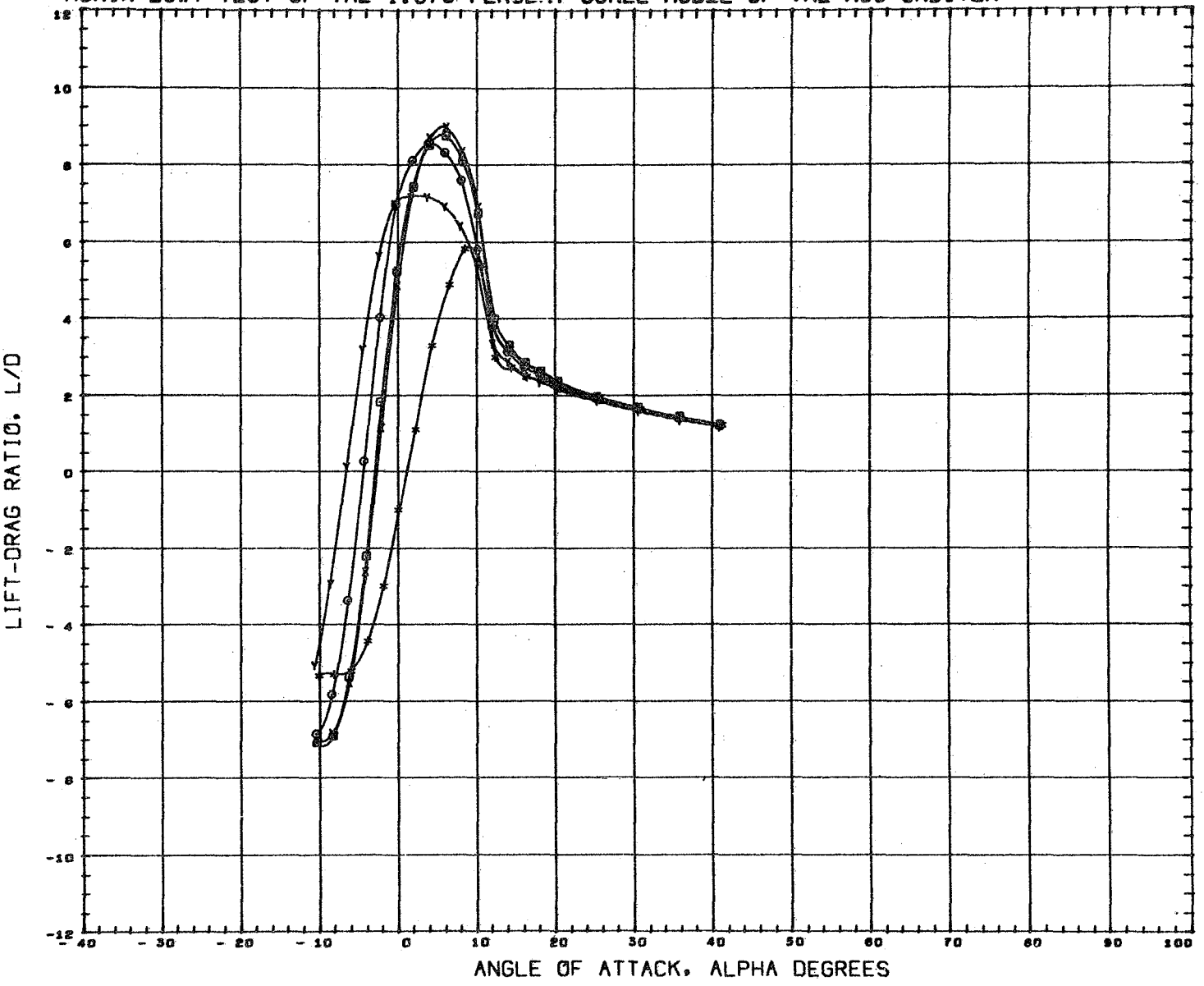
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
⊠	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H00)	28 JUL 70	
⊘	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H05)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



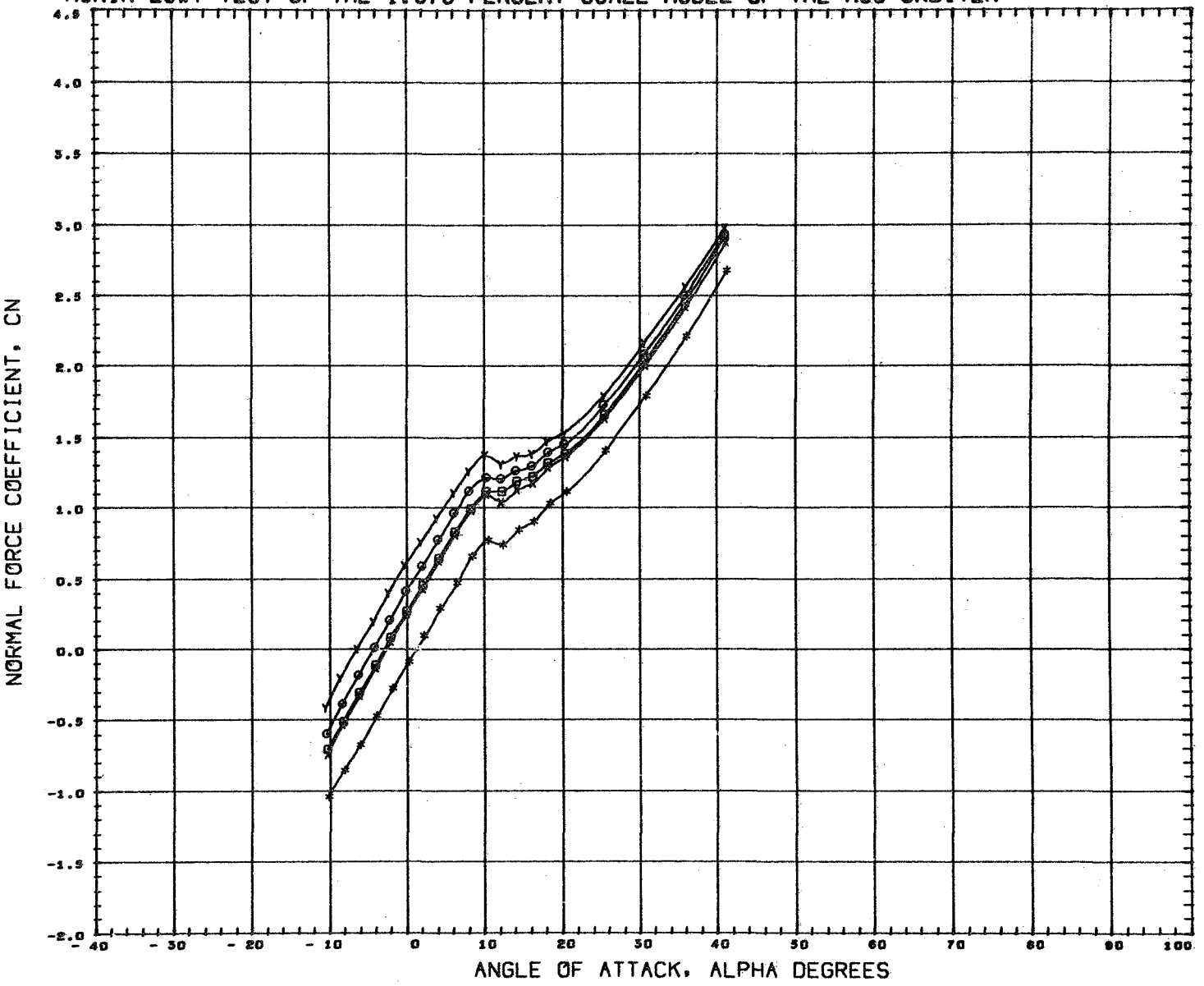
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H00)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H05)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



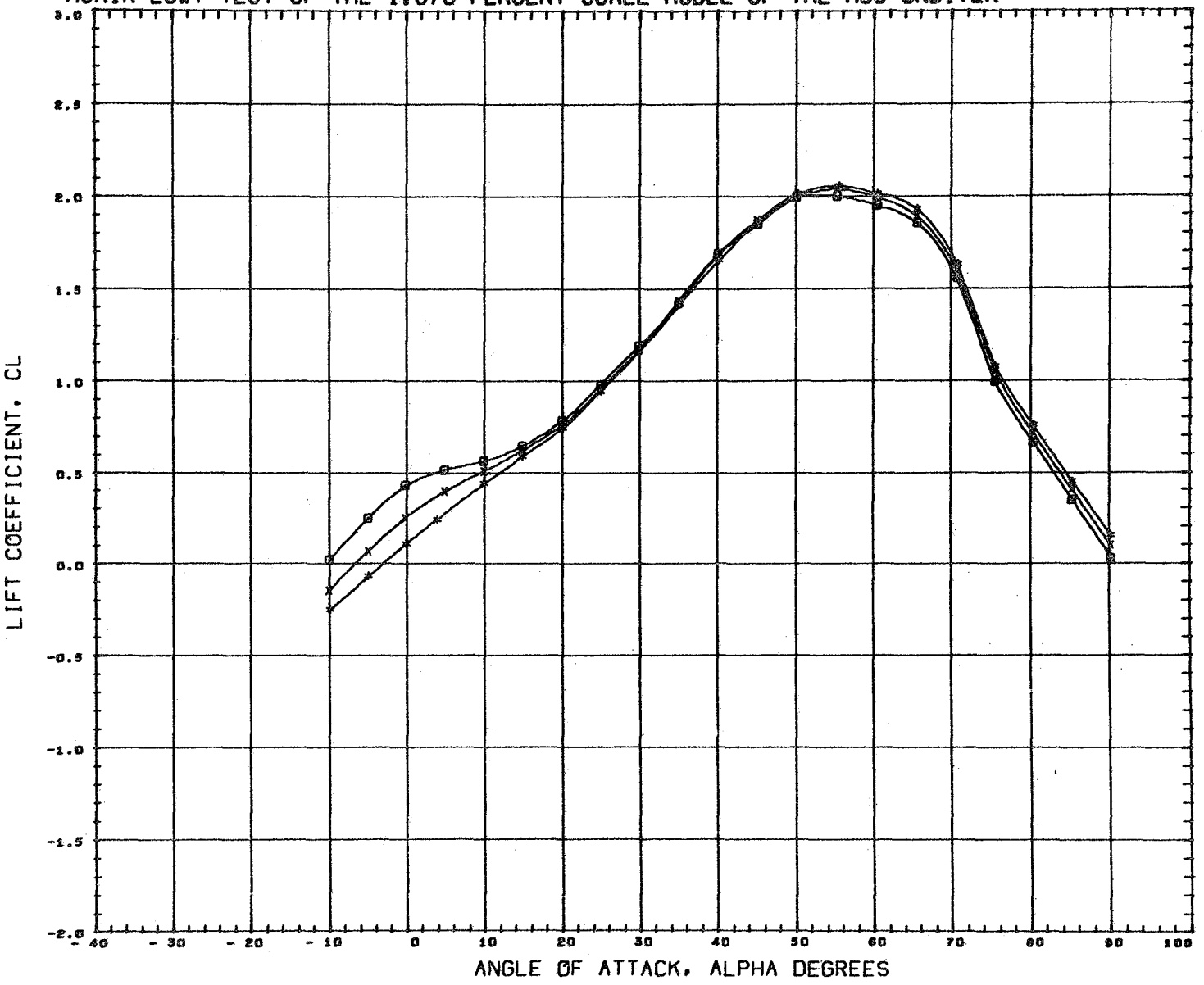
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(AC1H11)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(AC1H09)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(AC1H00)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(AC1H05)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(AC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



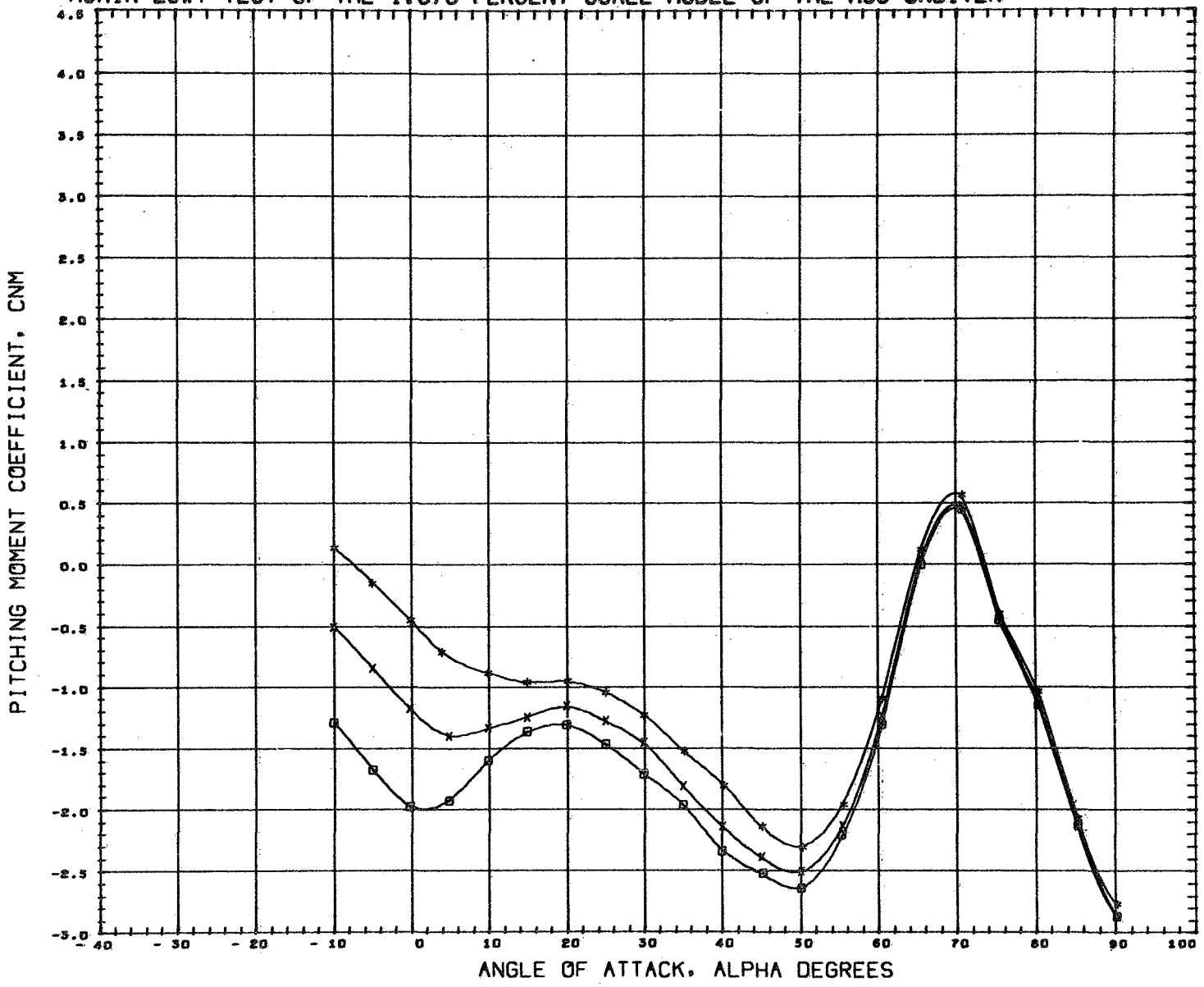
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1062)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1064)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1061)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



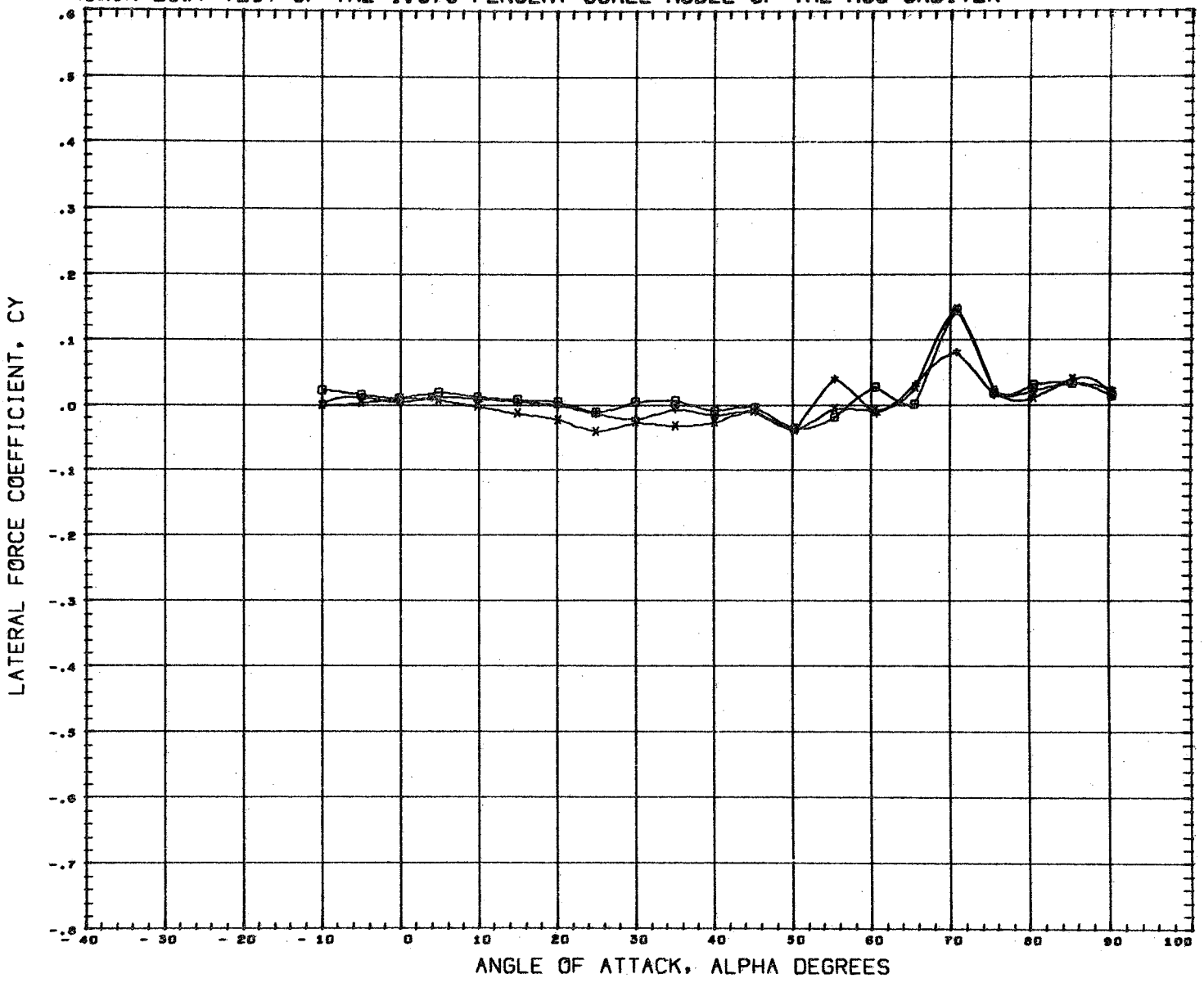
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1062)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1064)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1061)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20000×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



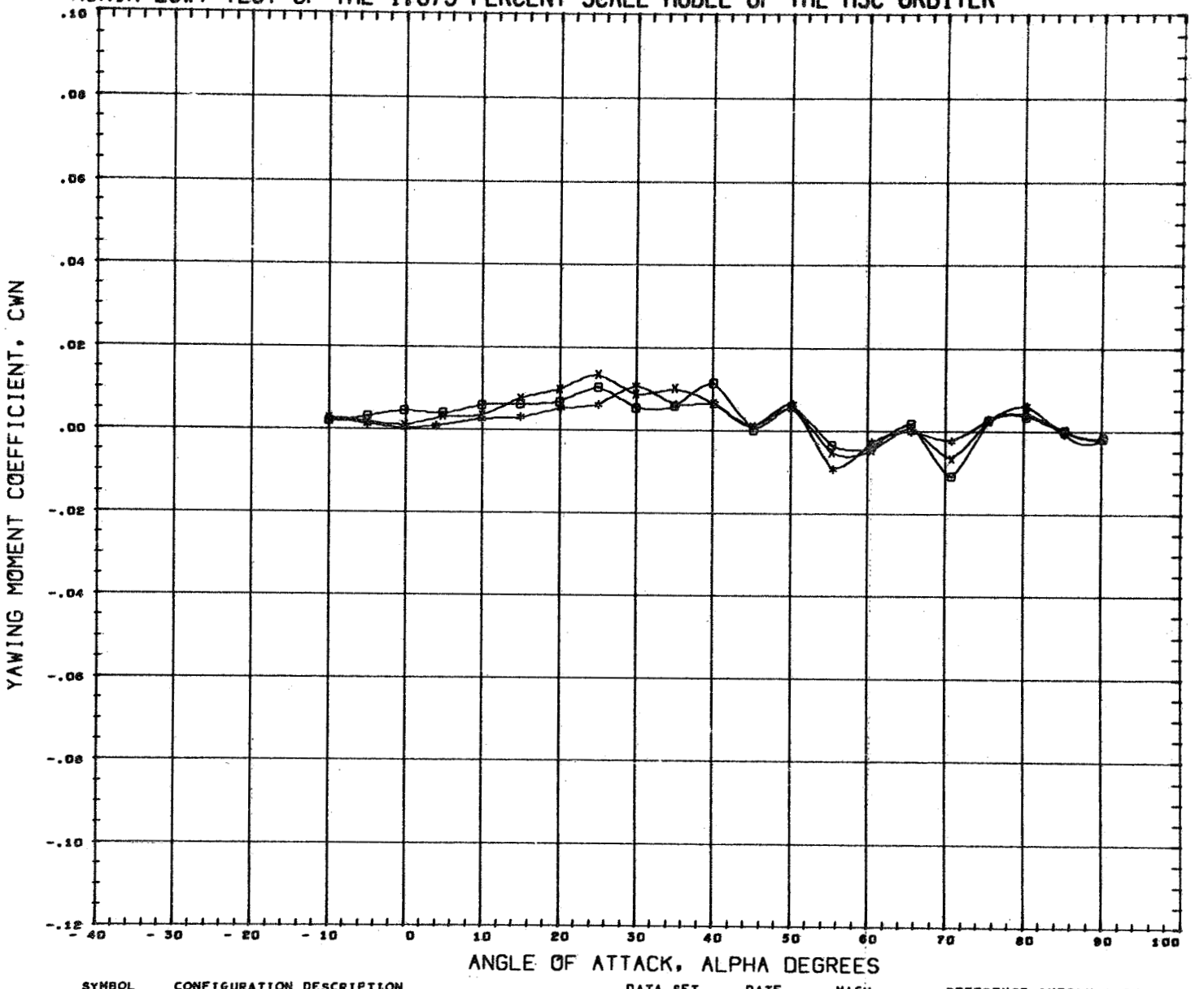
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1062)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1064)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1061)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 3710015D

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



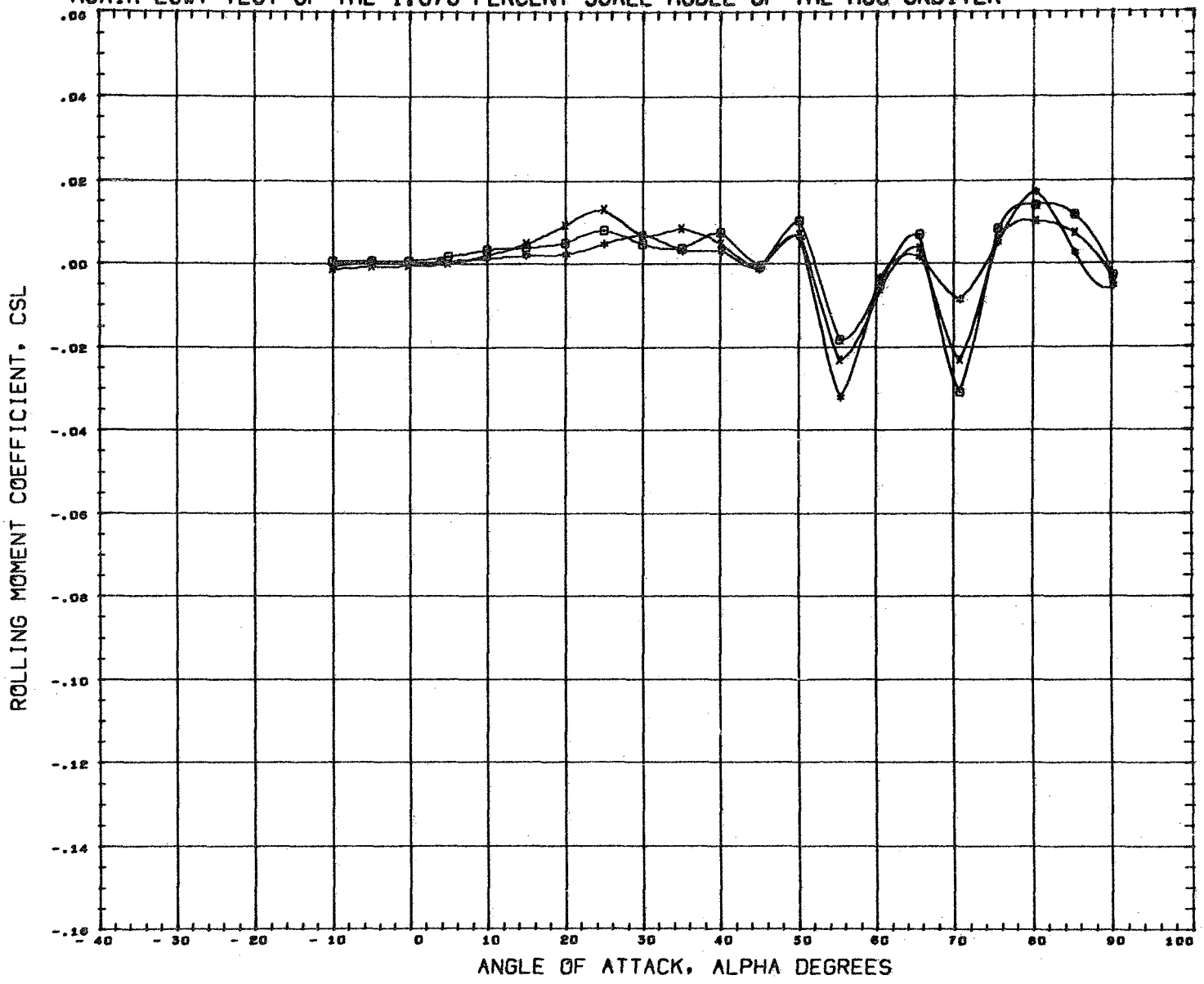
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1062)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1064)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1061)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



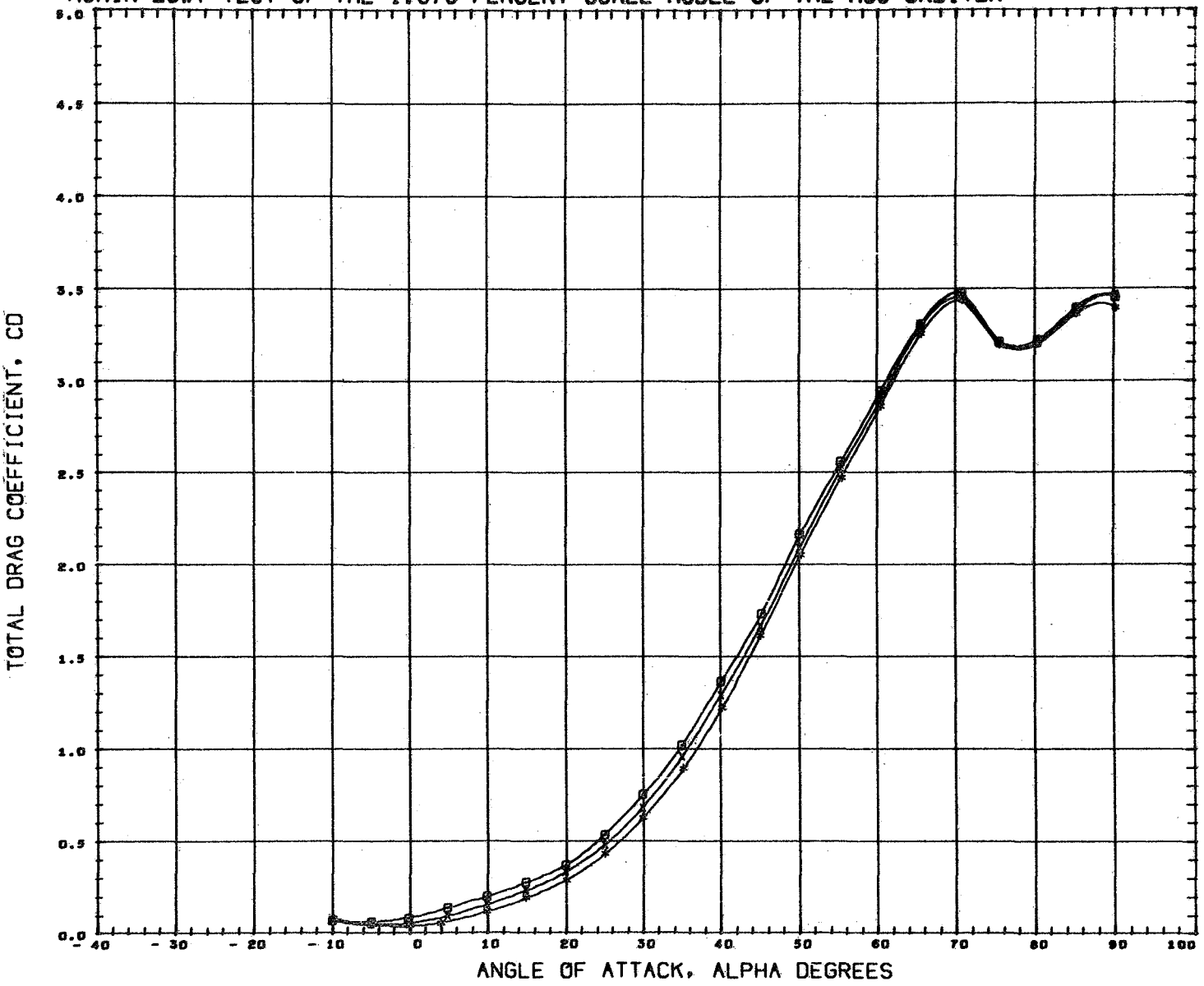
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1062)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1064)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1061)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100130

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



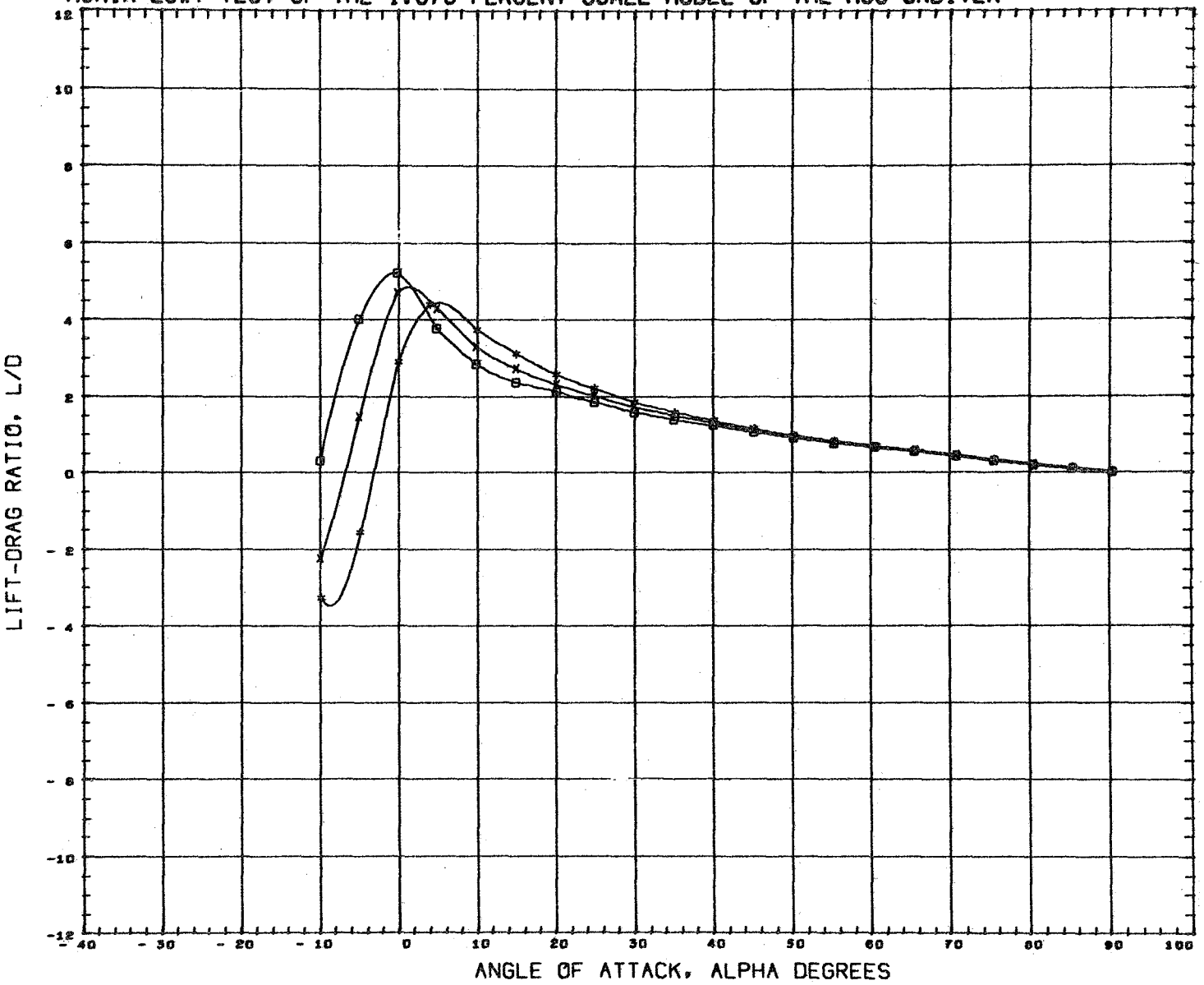
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1062)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1064)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1061)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



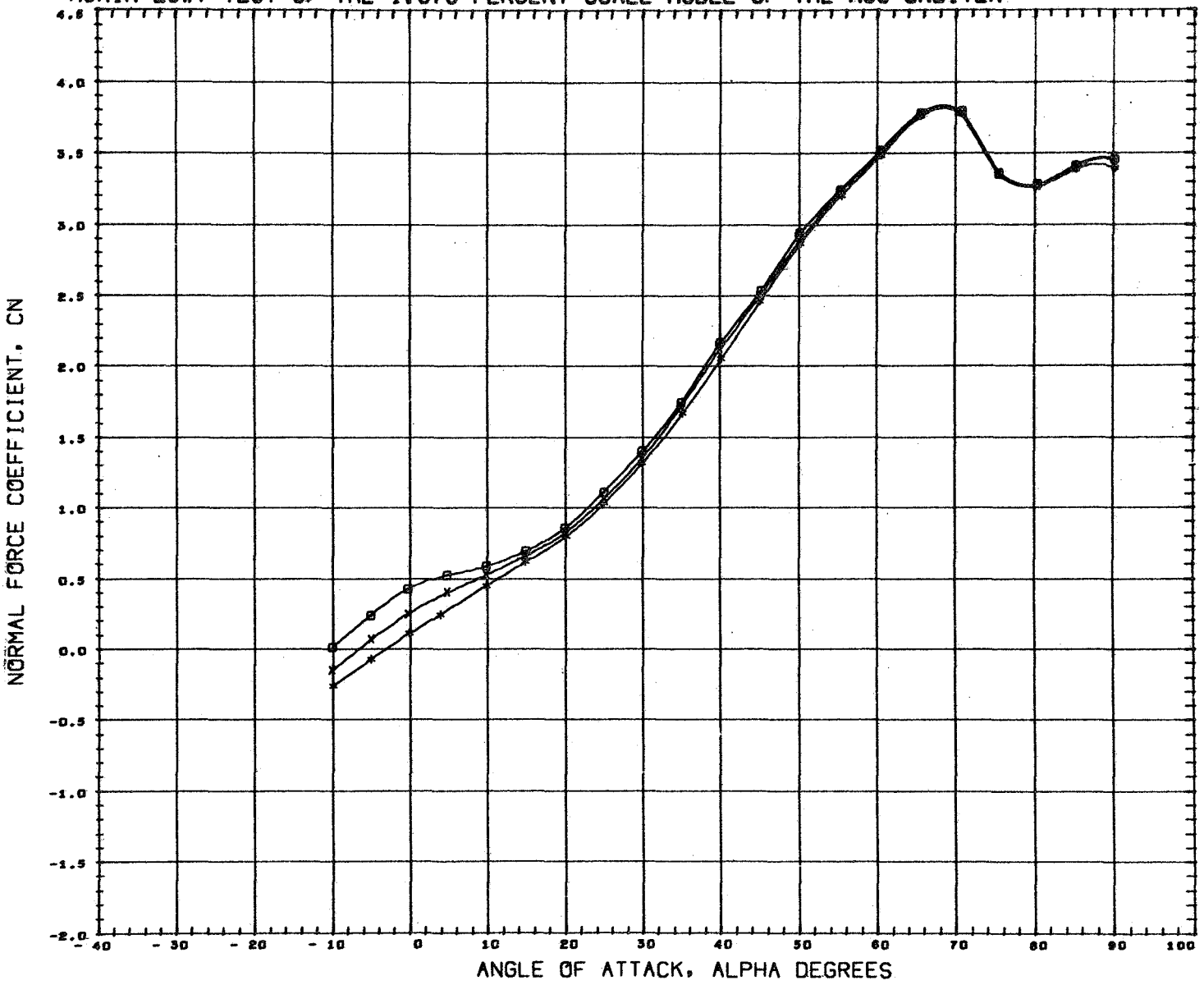
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1062)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1064)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(BC1061)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



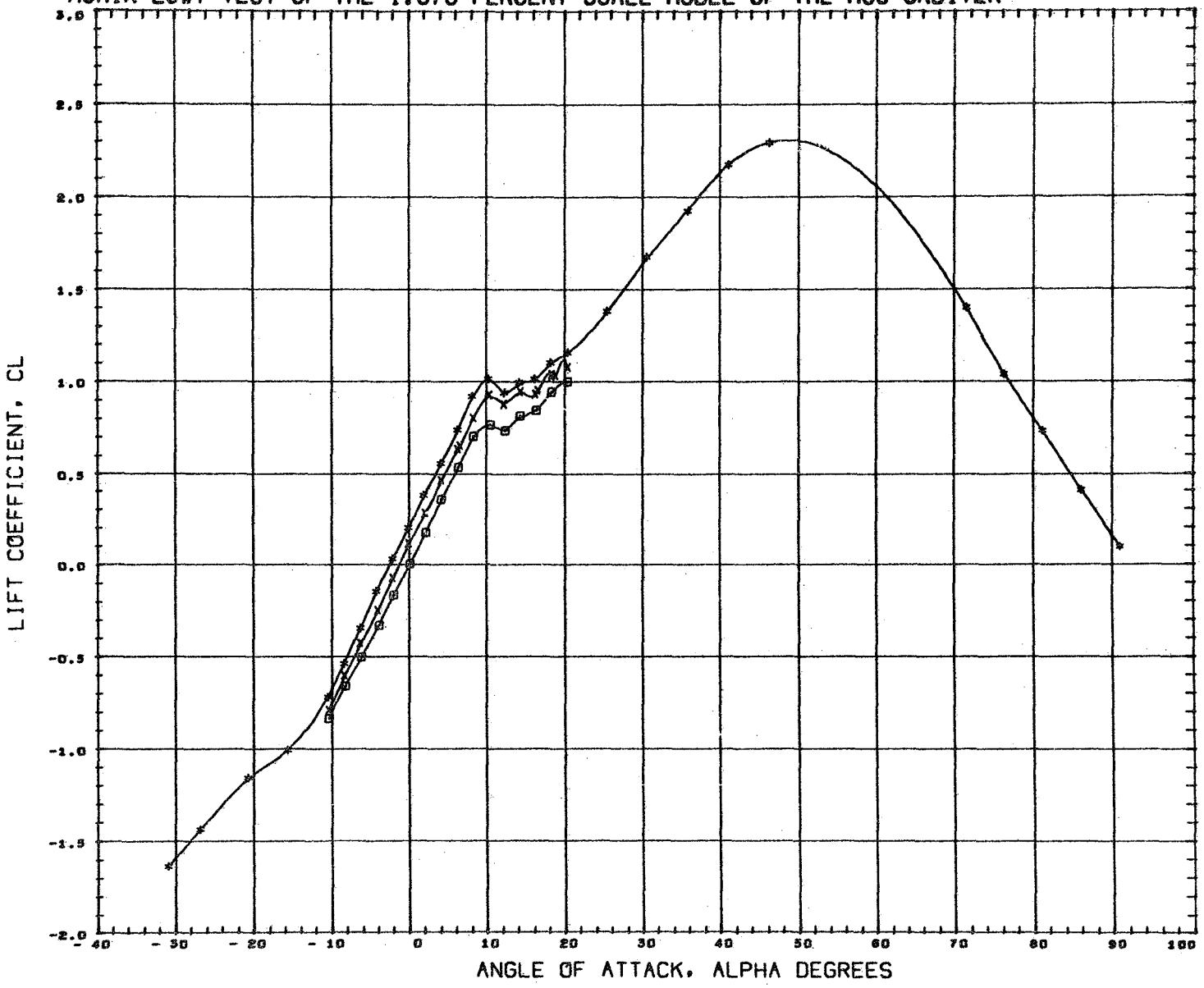
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(AC1062)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(AC1064)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB B1H1513V3	(AC1061)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.0000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



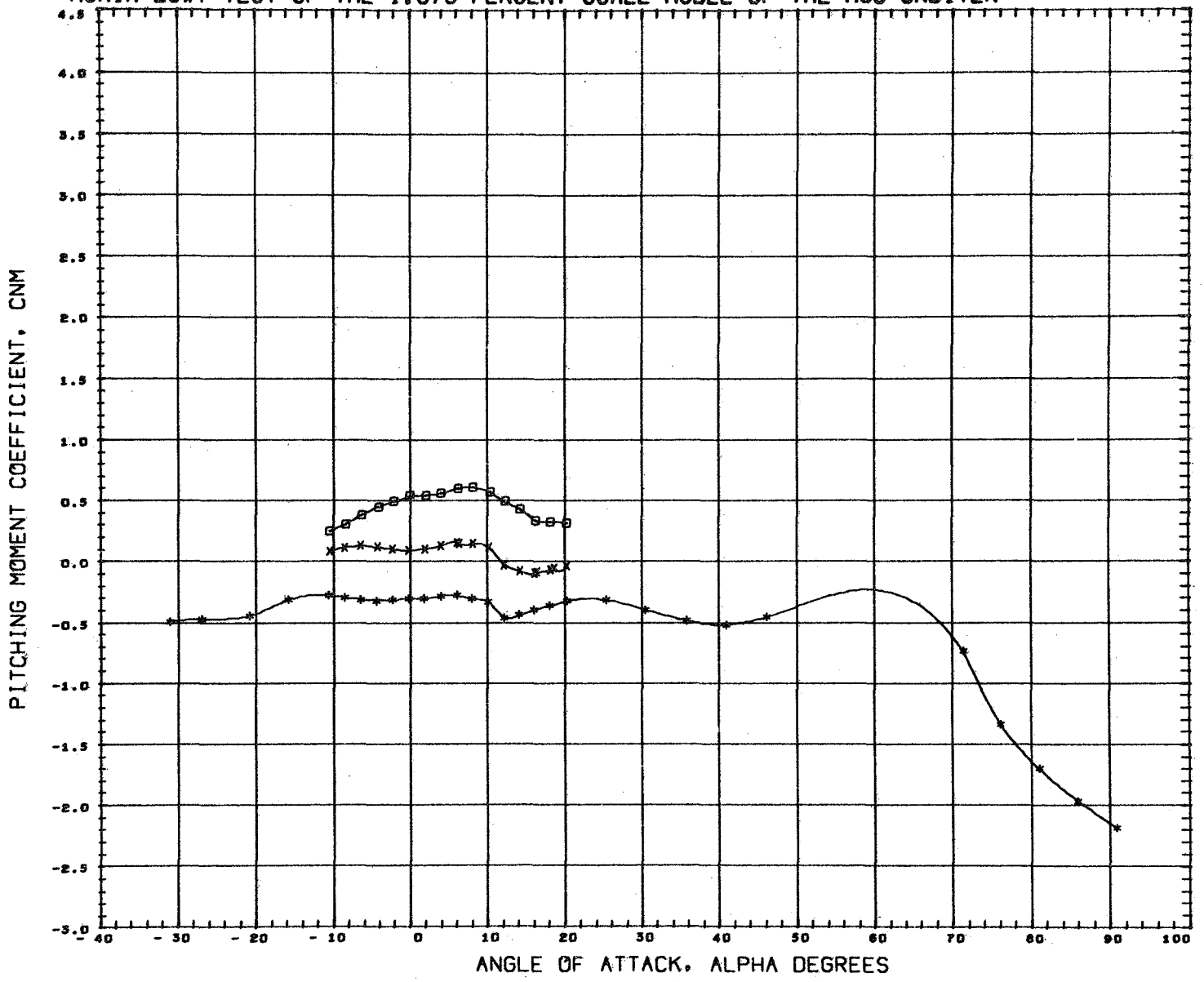
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F00)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F02)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F03)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



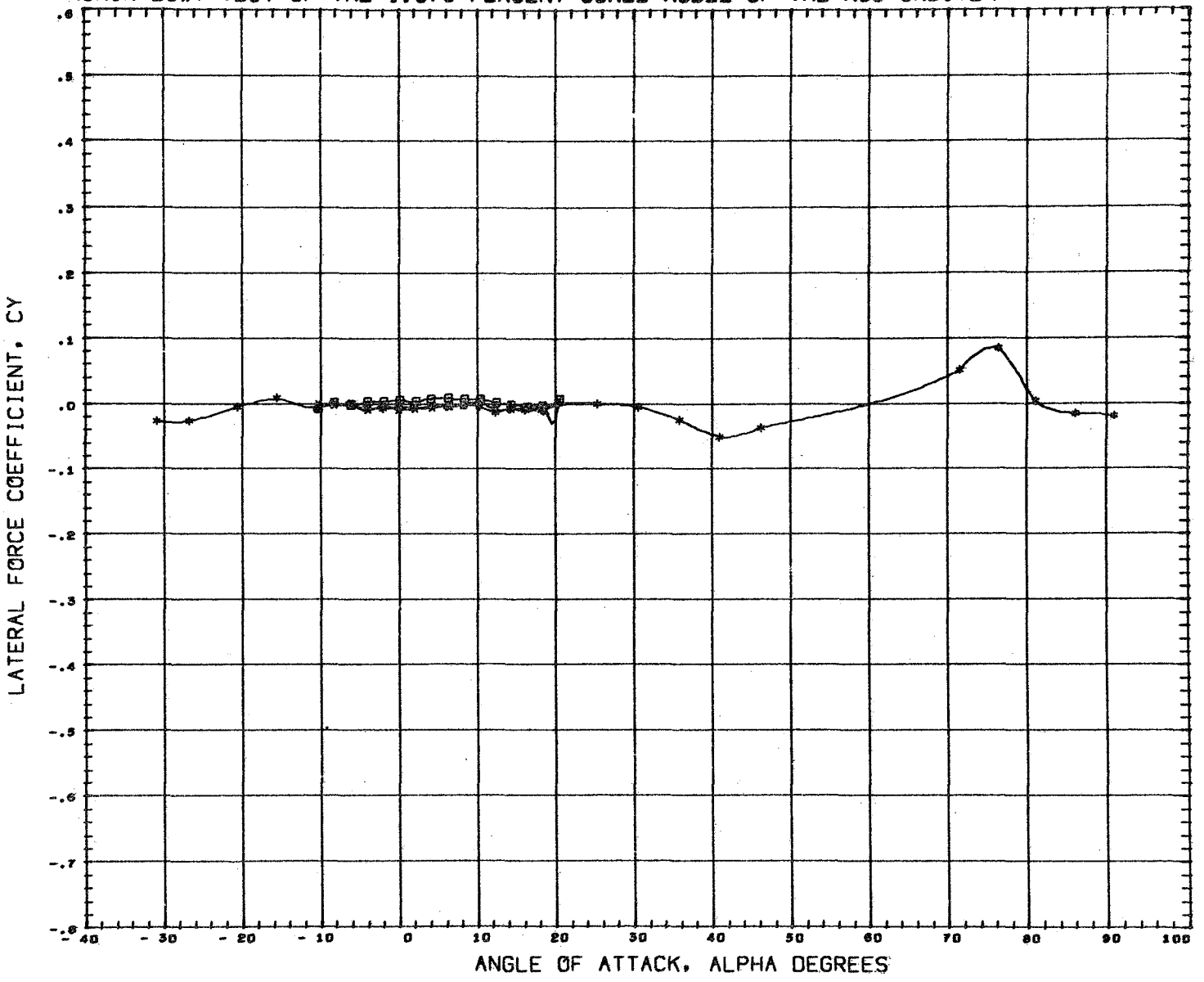
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F00)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F02)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F03)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



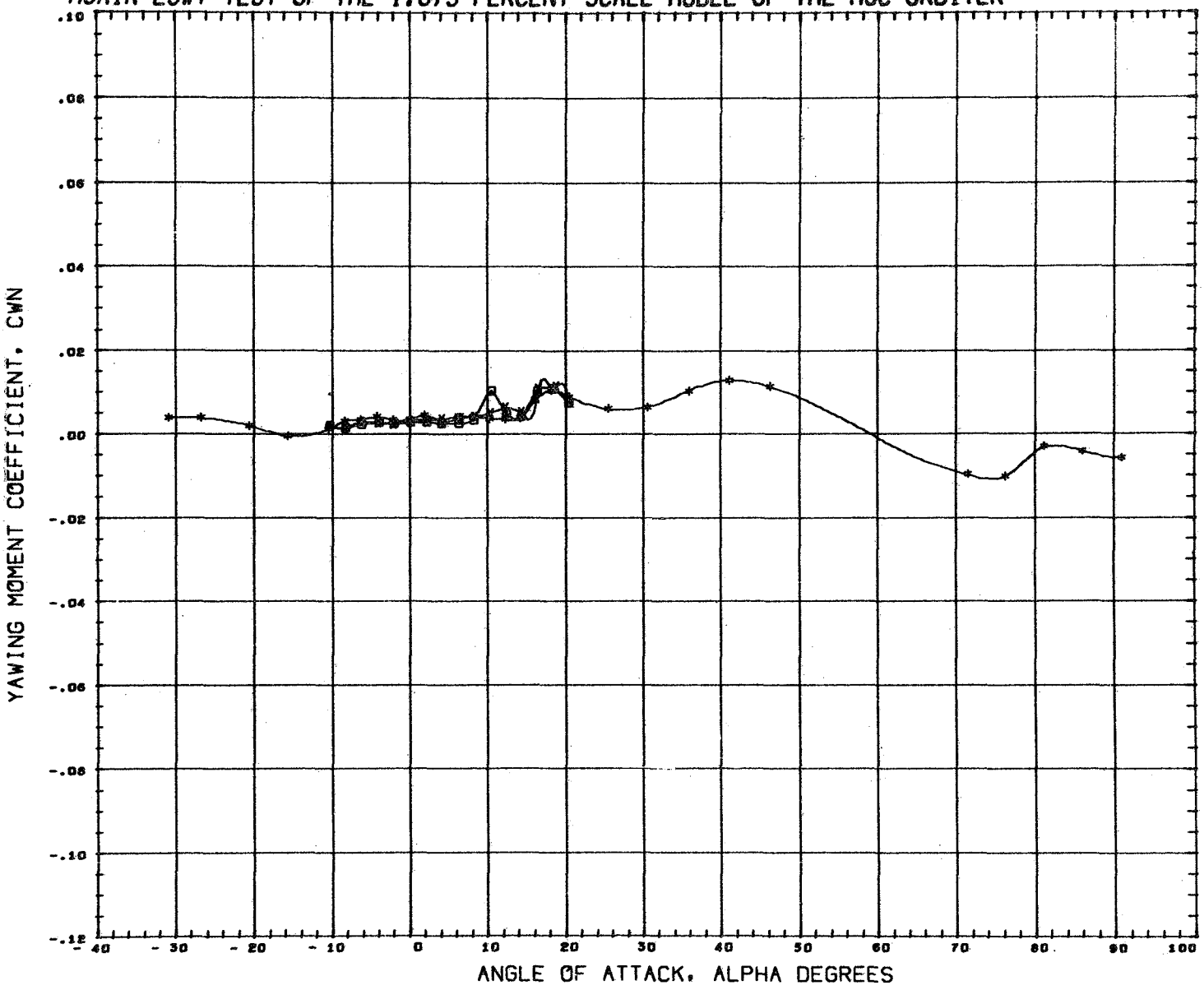
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F00)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F02)	28 JUL 70	
⊠	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F03)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



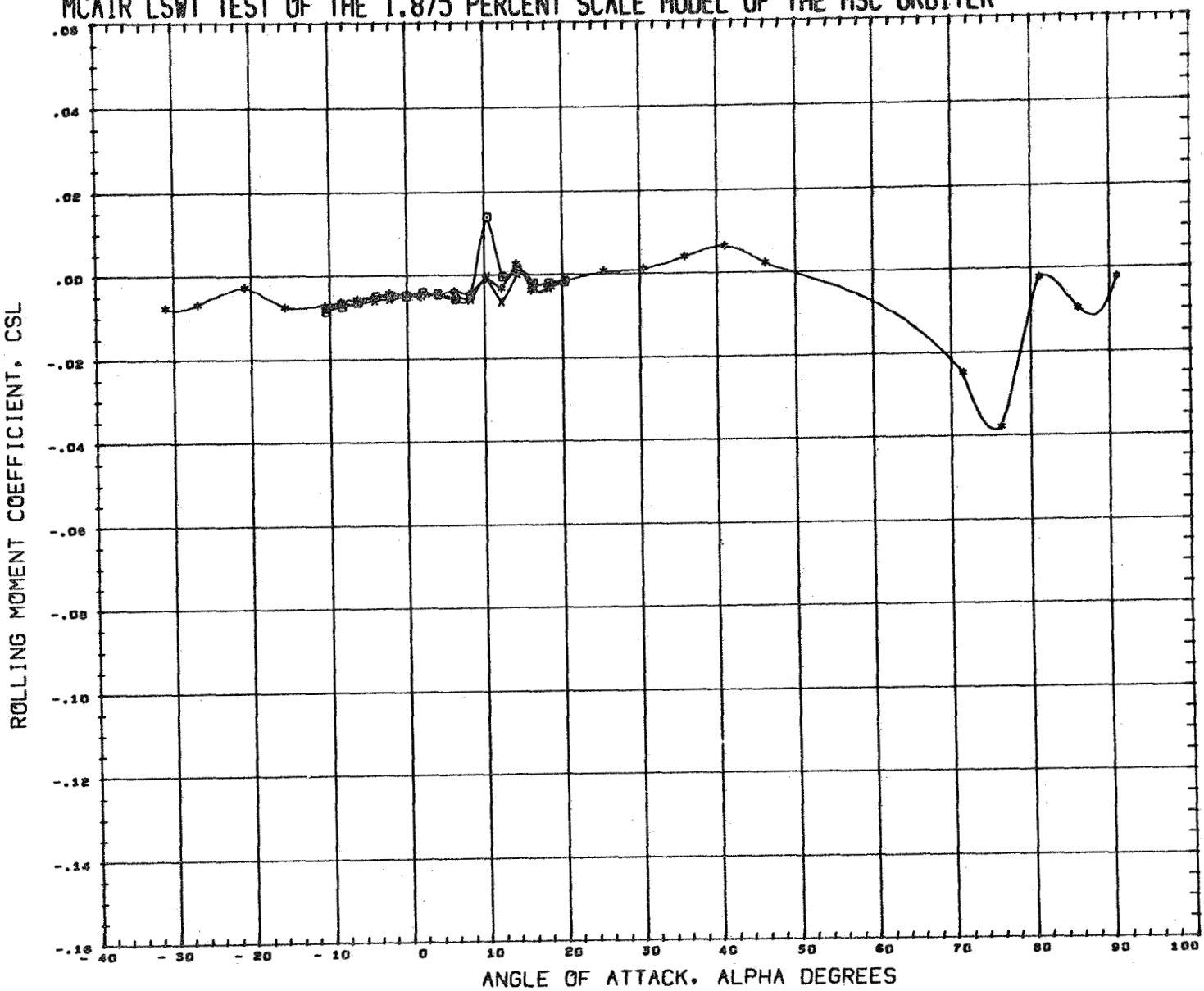
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F00)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F02)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F03)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



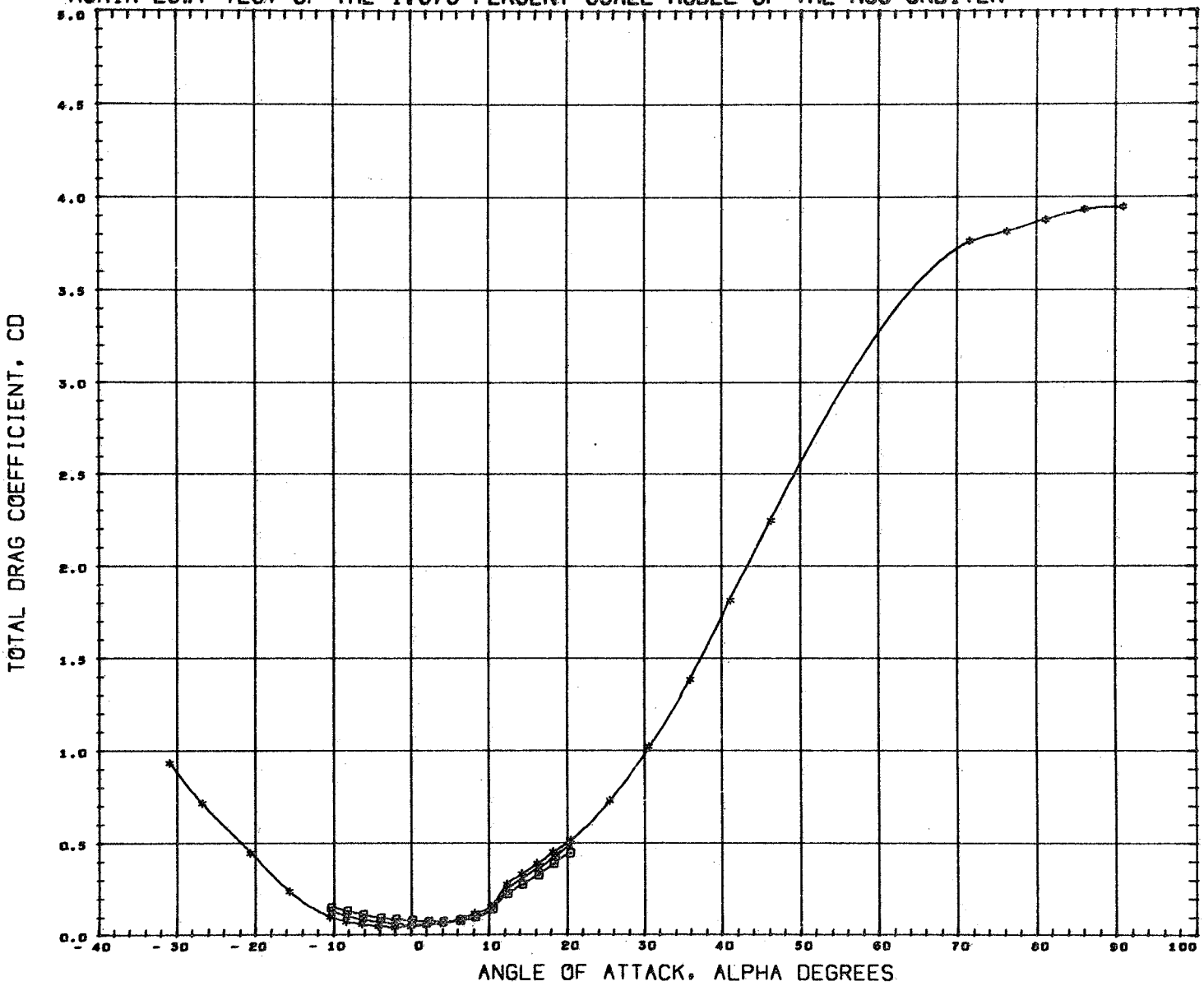
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F00)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F02)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F03)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



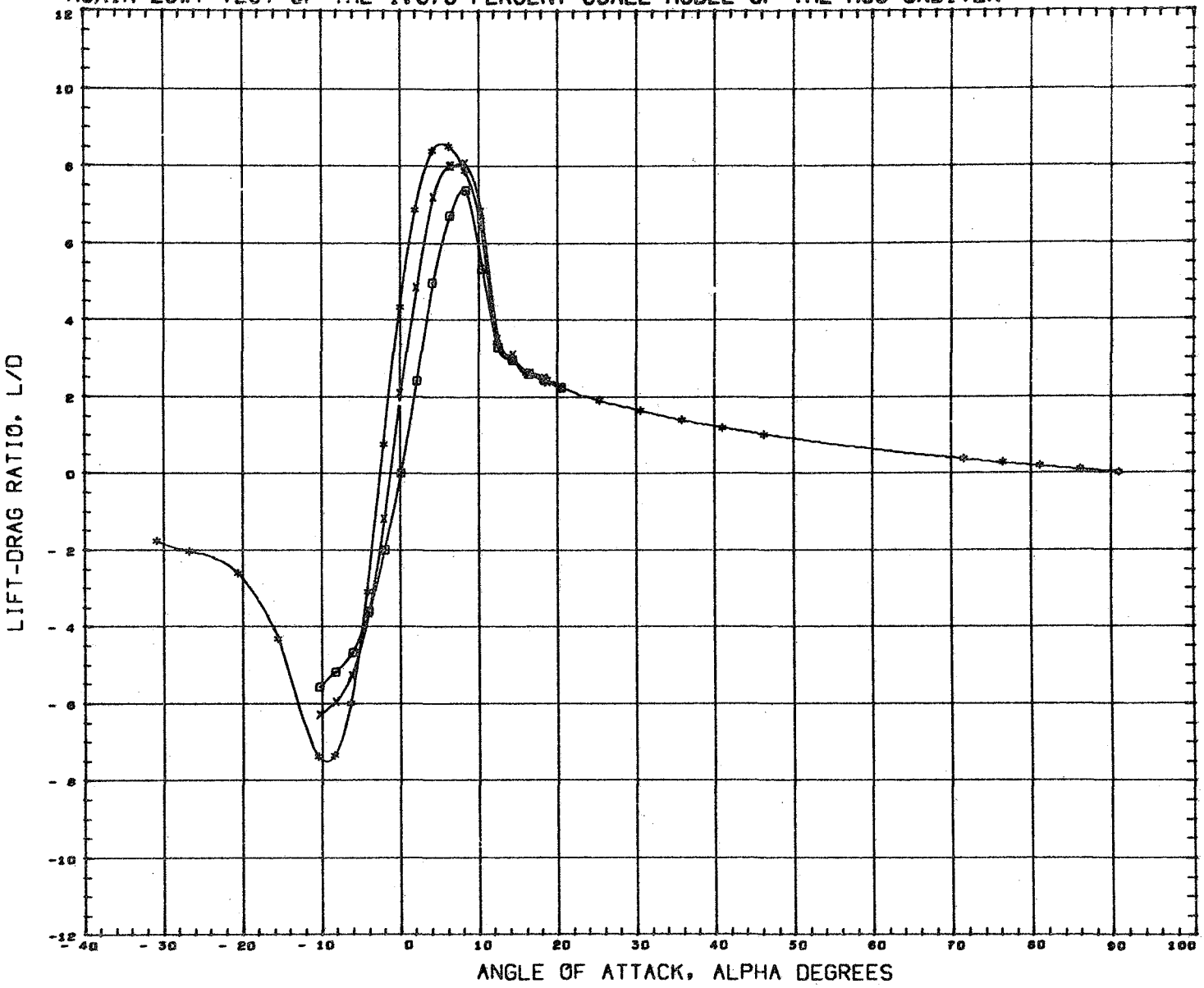
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F00)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F02)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F03)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



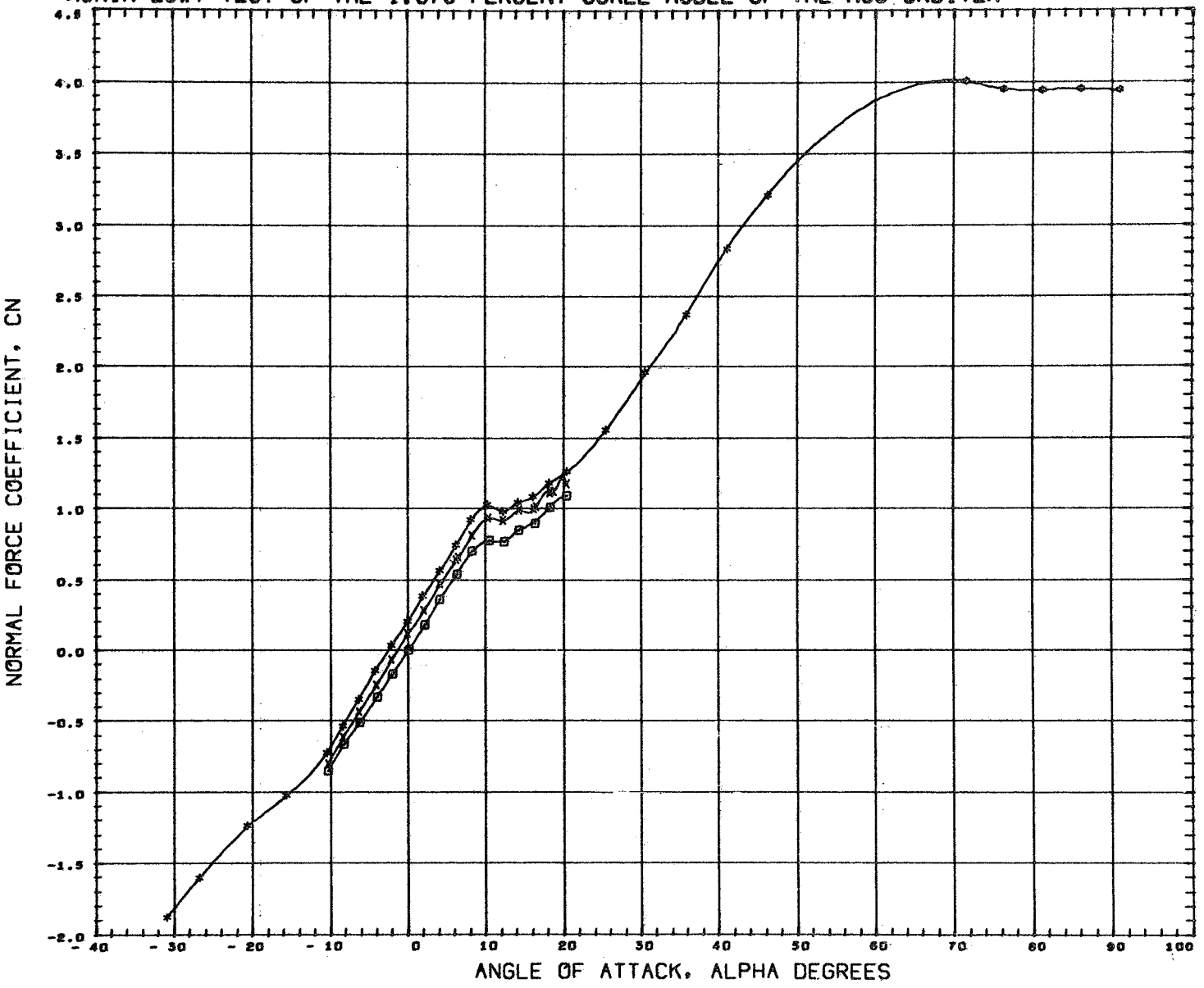
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F00)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F02)	28 JUL 70	
Ø	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F03)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



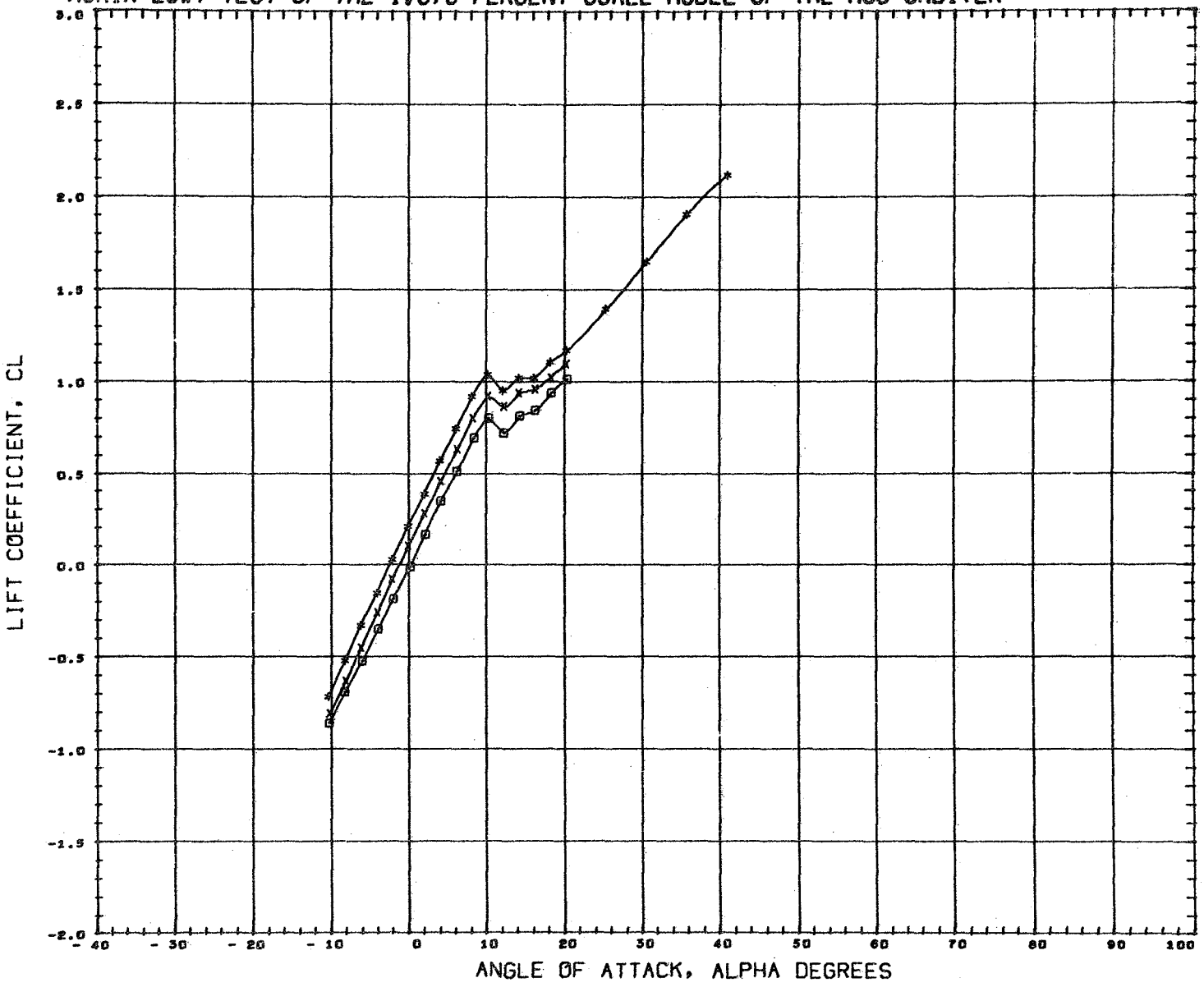
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(AC1F00)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(AC1F02)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(AC1F03)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



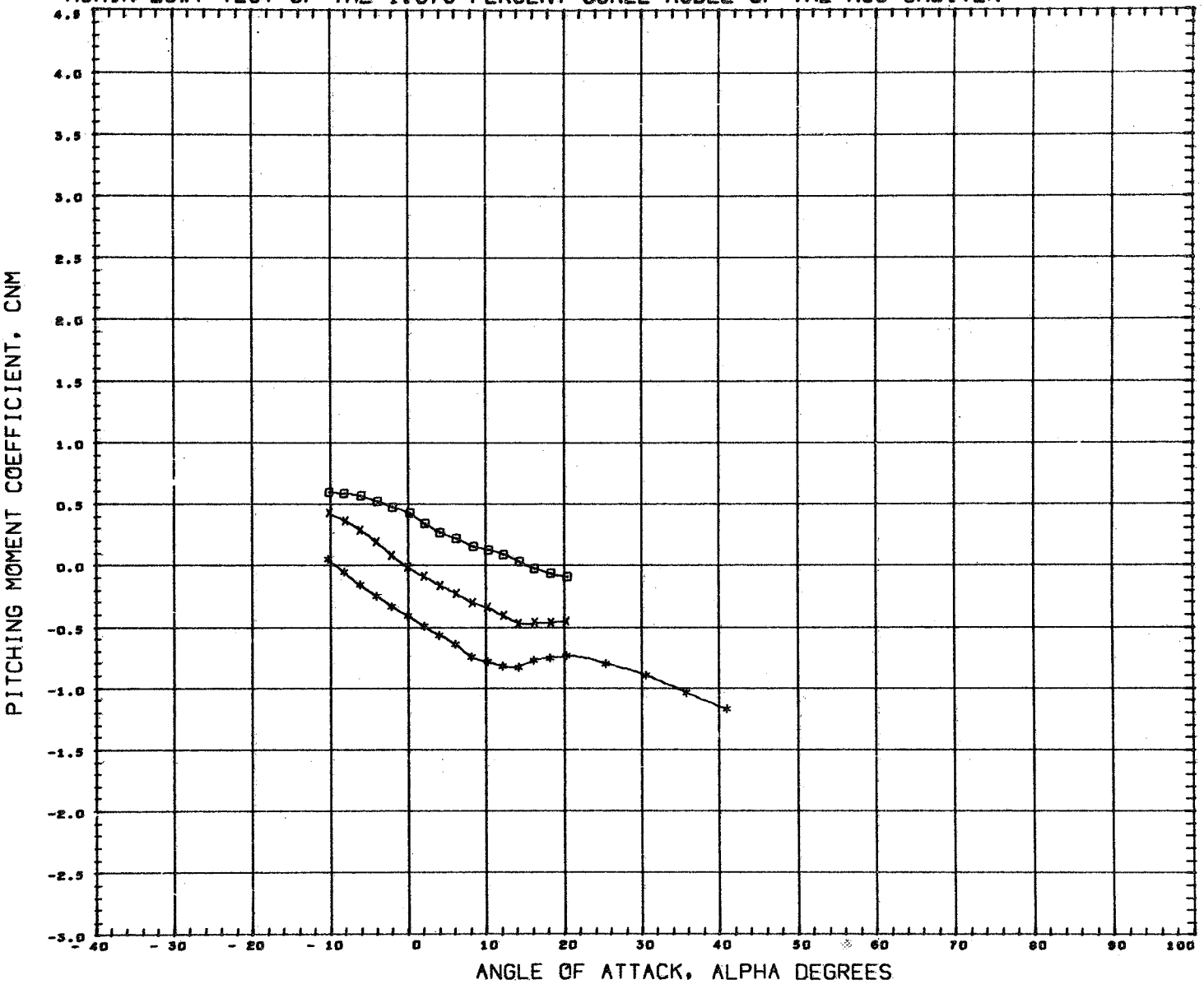
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A02)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A01)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A00)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



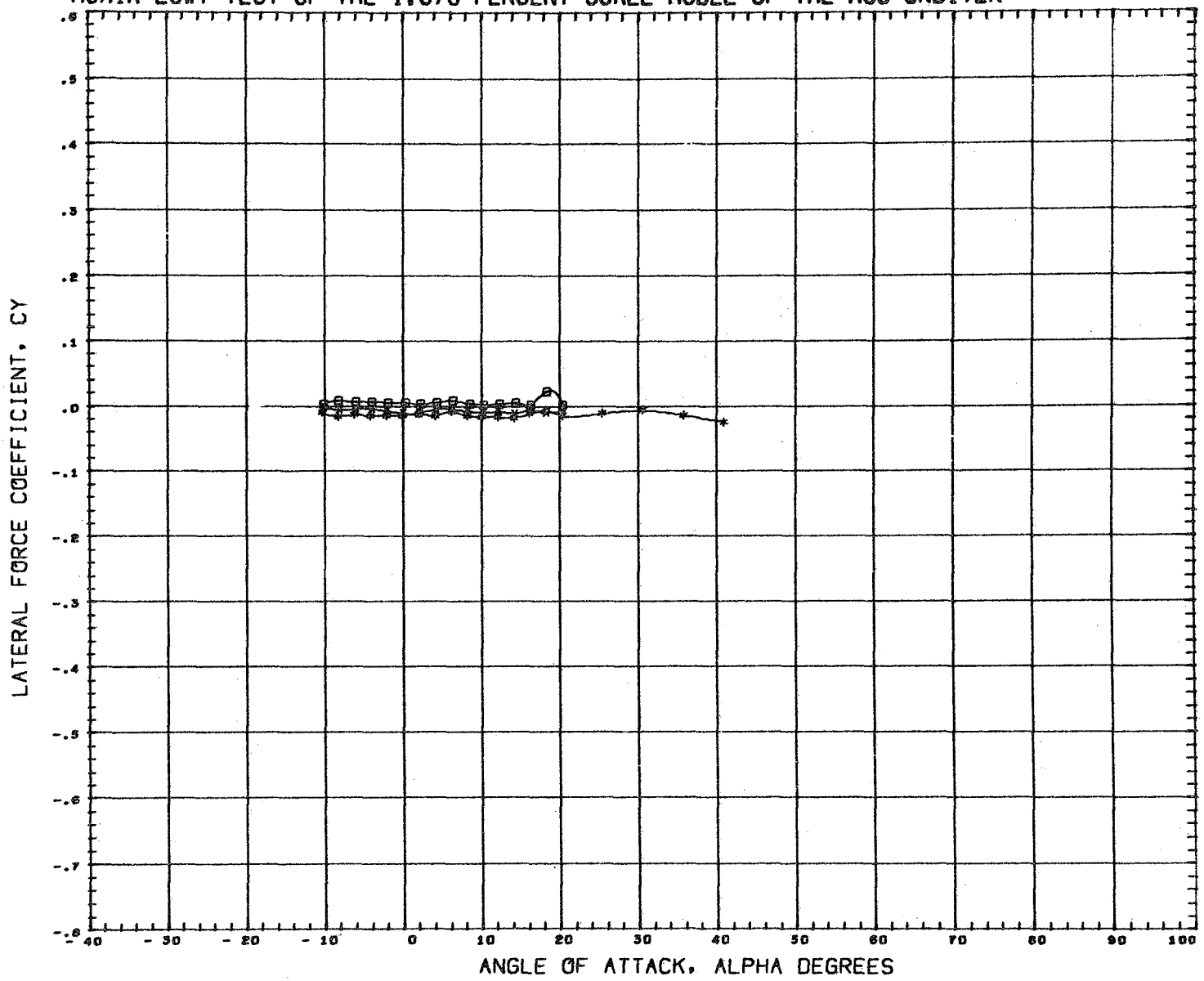
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A02)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A01)	28 JUL 70	
3	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A00)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



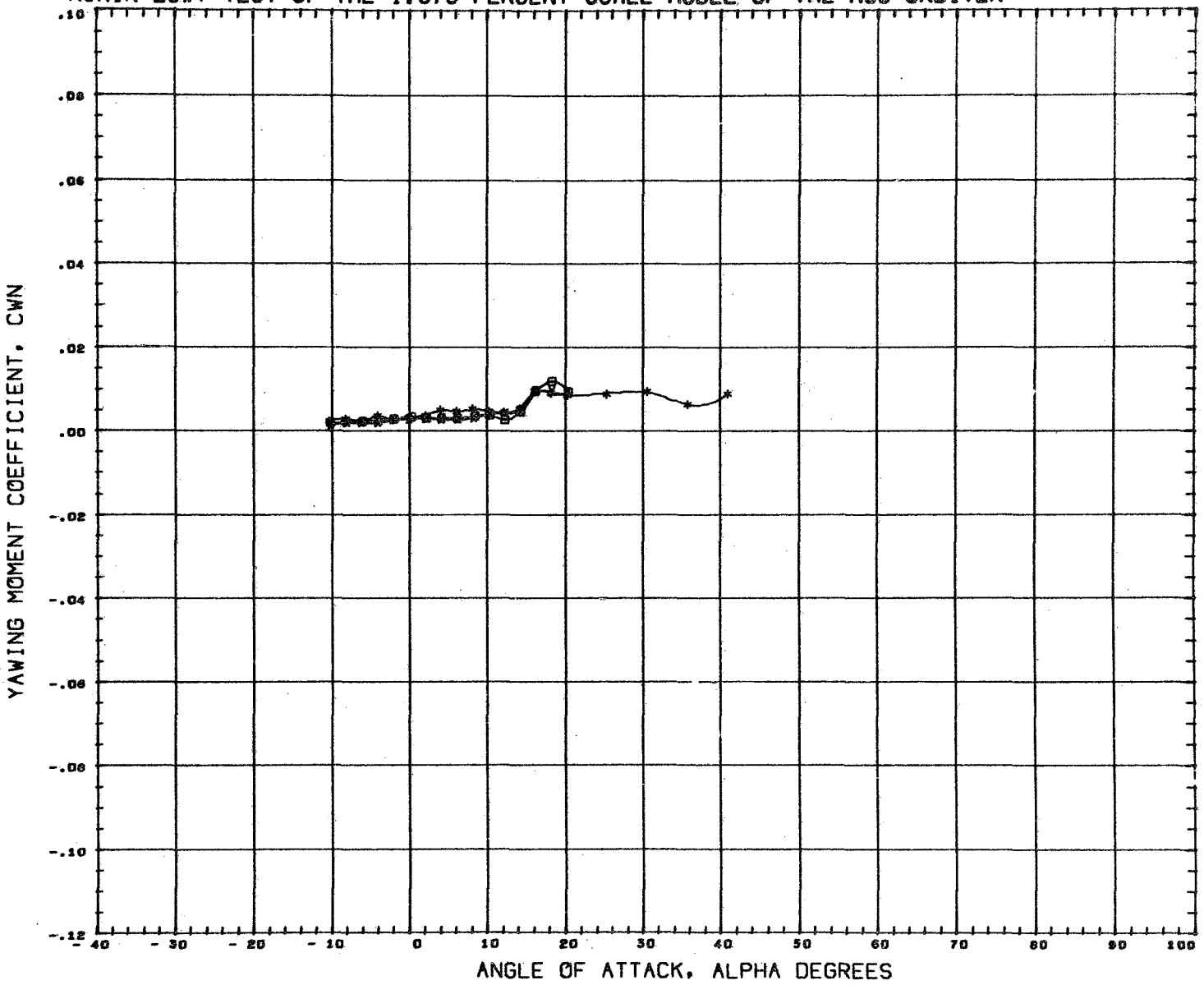
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A02)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A01)	28 JUL 70	
@	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A00)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



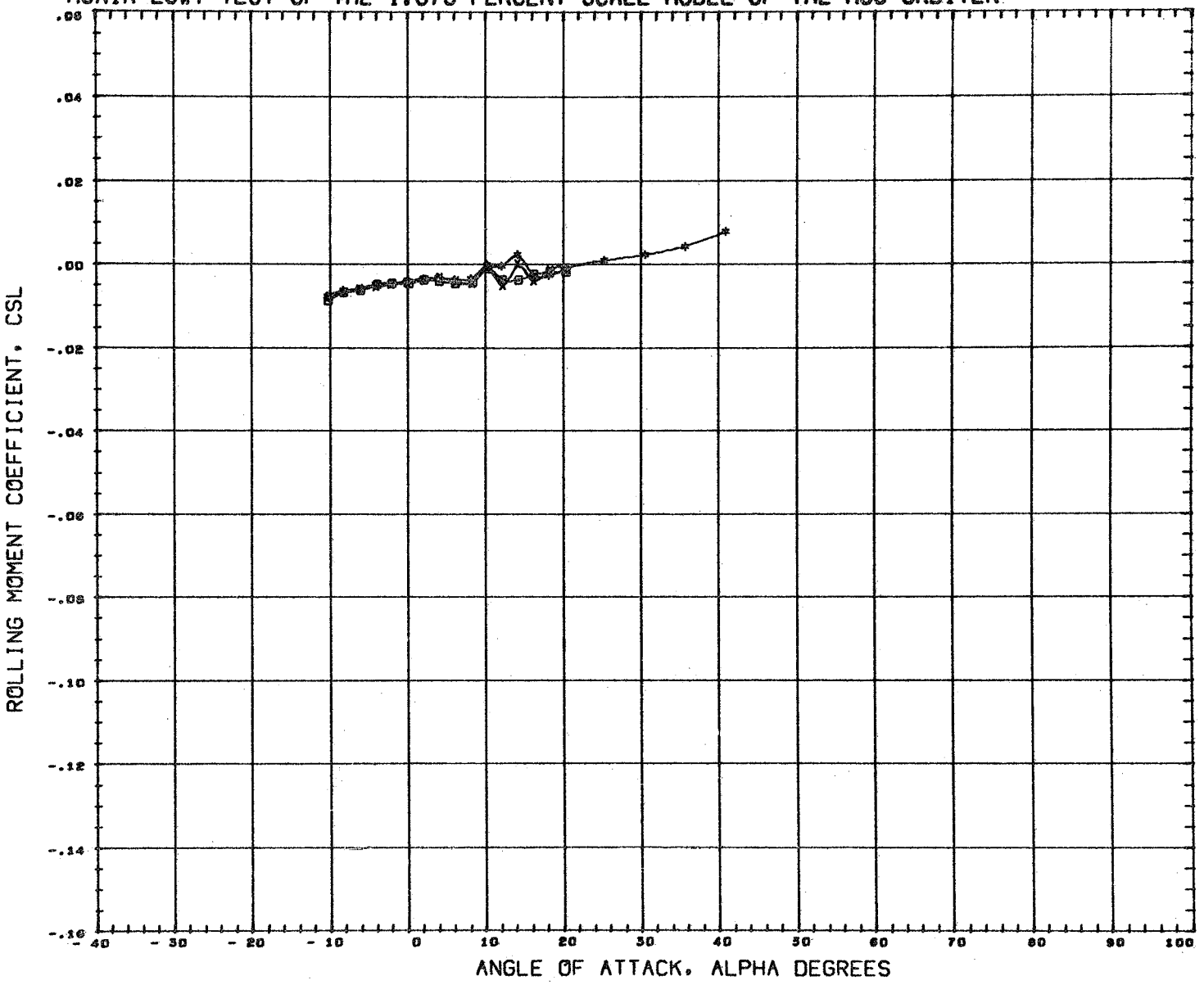
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A02)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A01)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A00)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



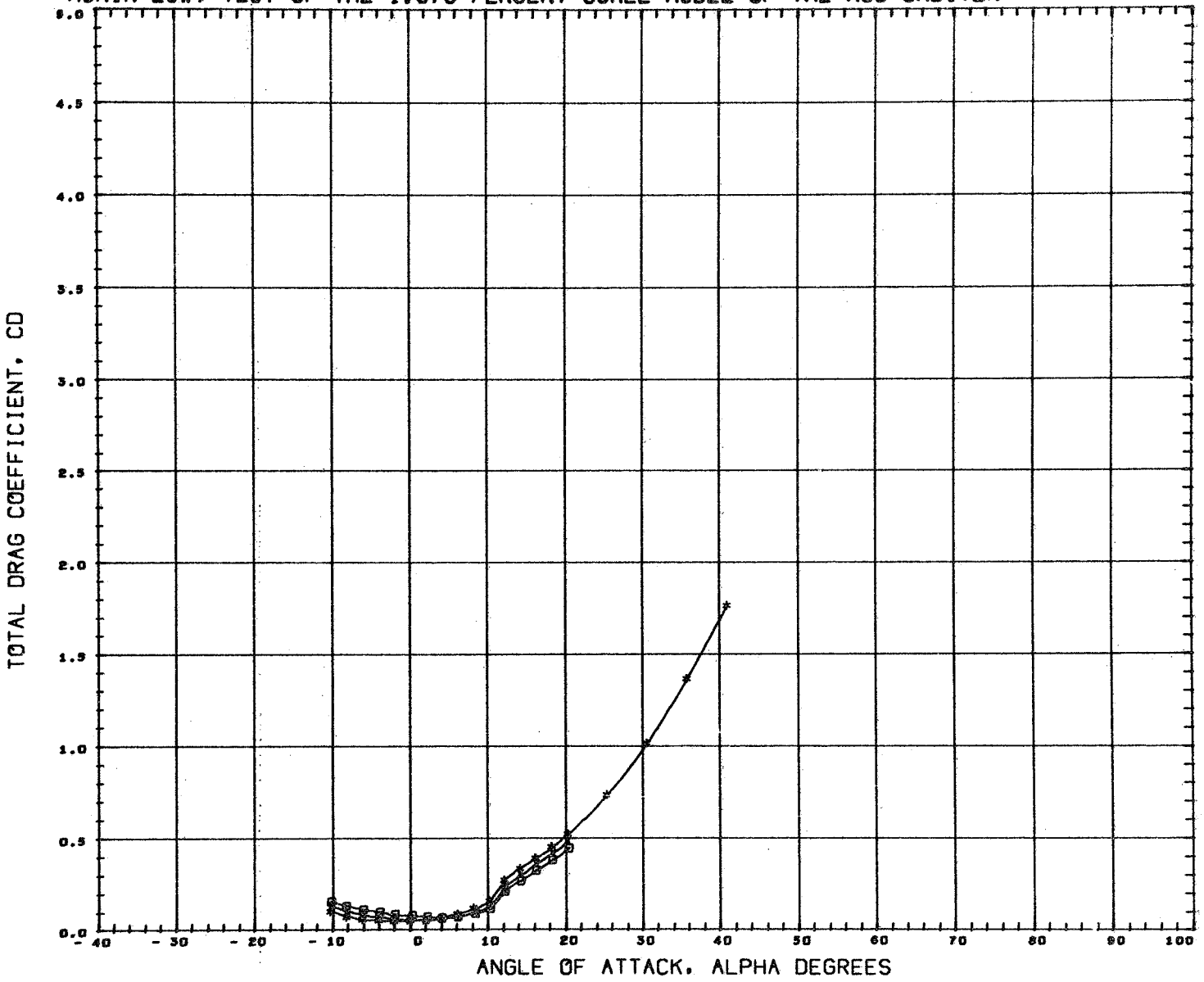
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A02)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A01)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A00)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



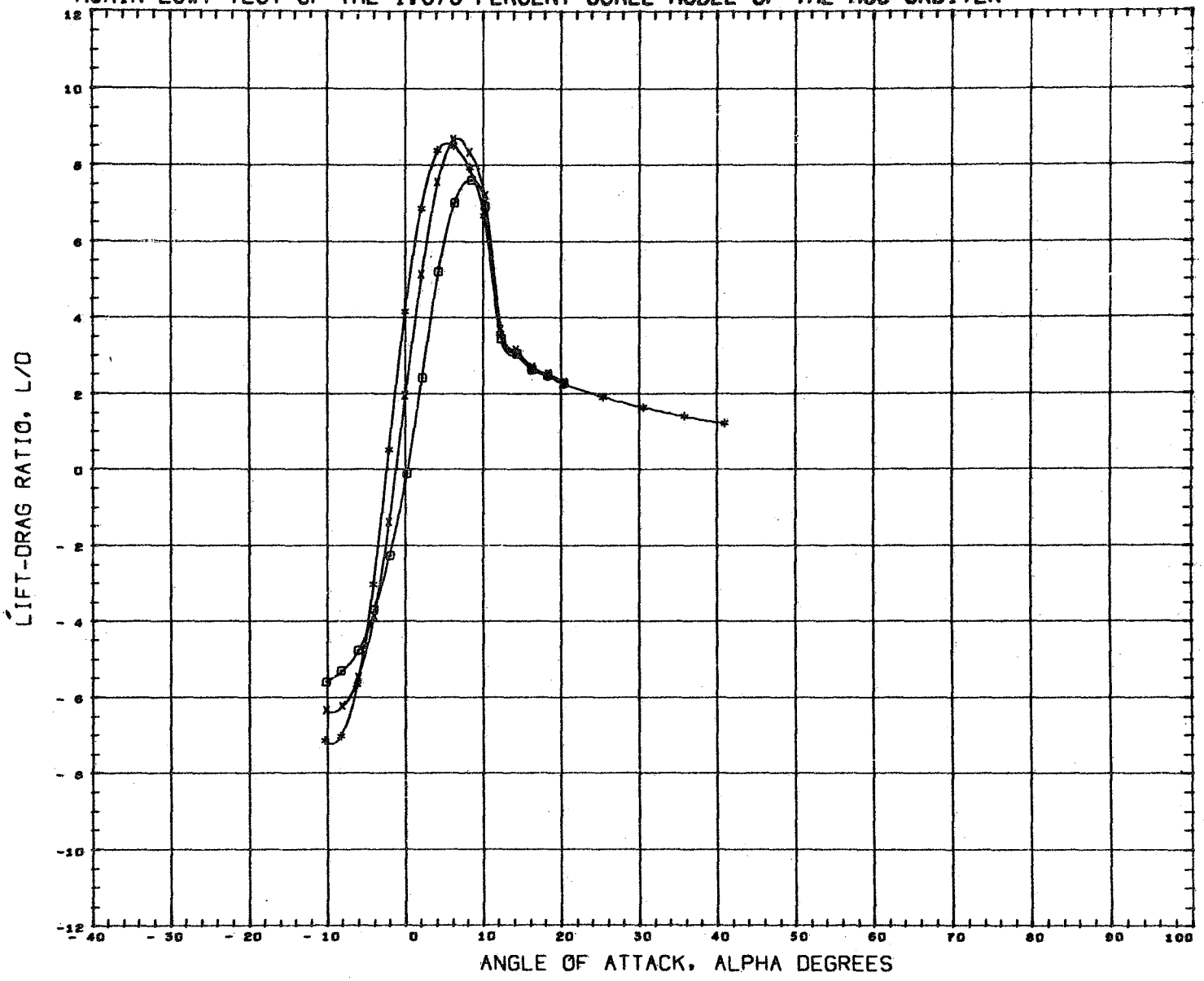
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A02)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A01)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A00)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



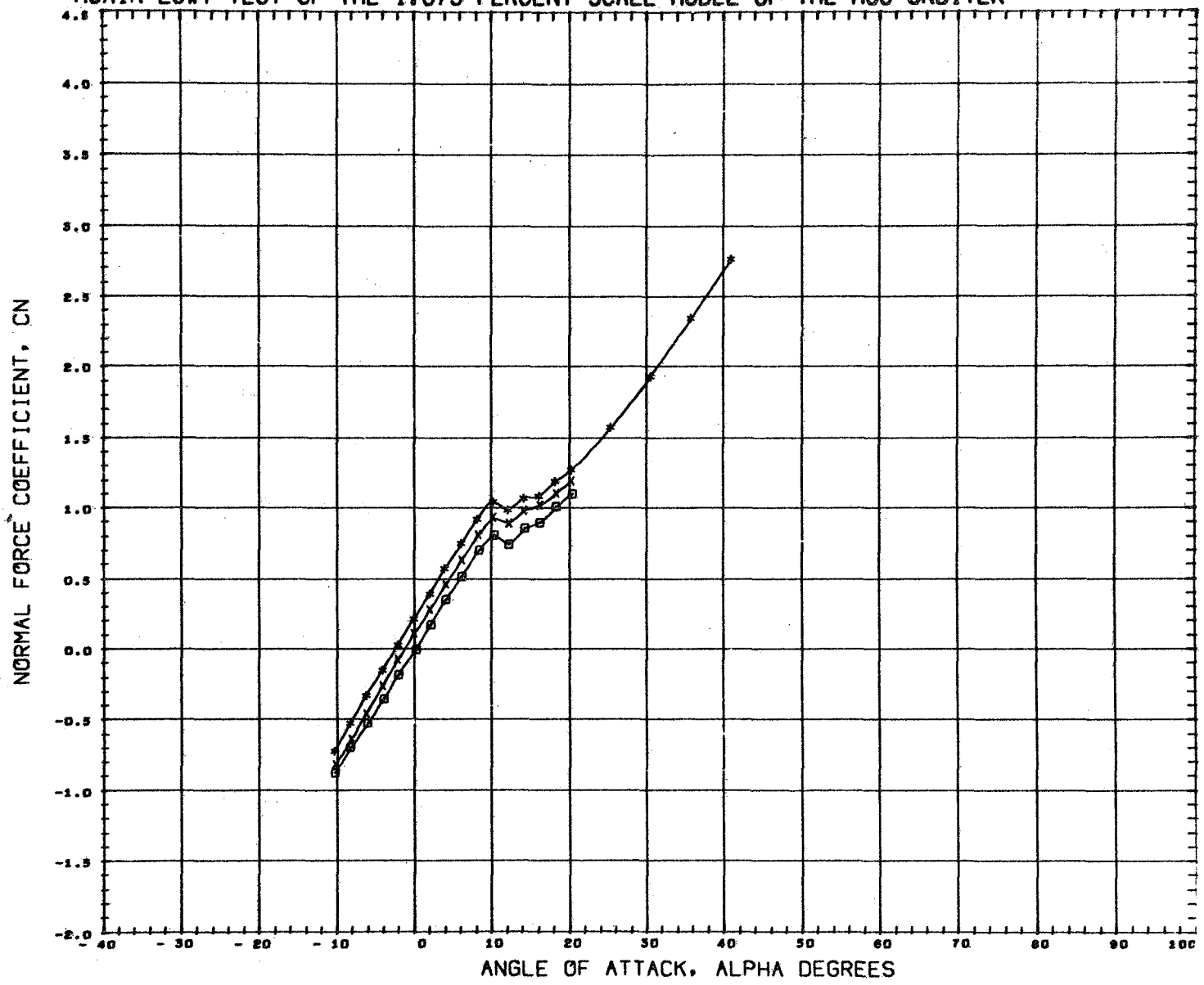
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A02)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A01)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A00)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



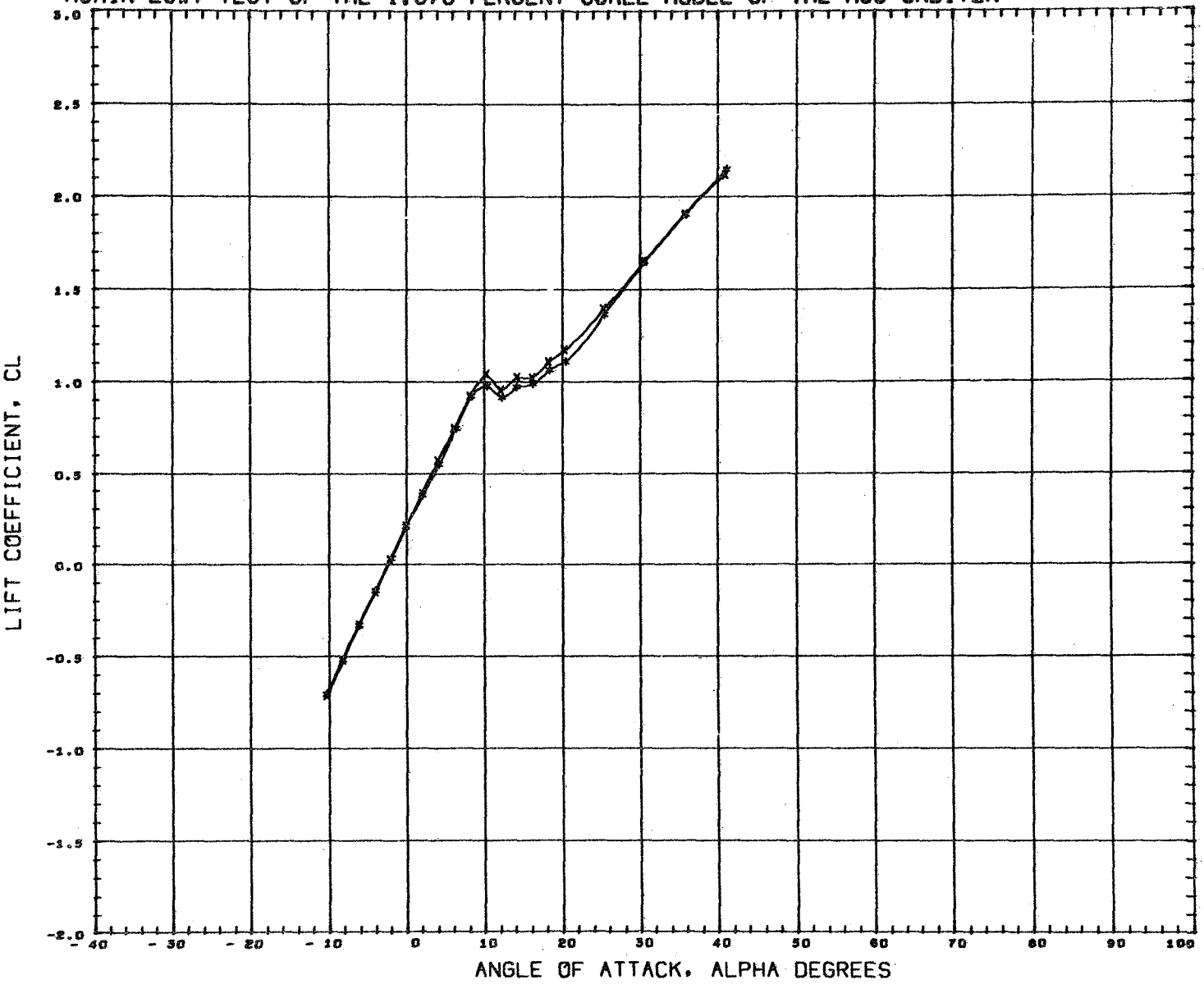
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(AC1A02)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(AC1A01)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(AC1A00)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



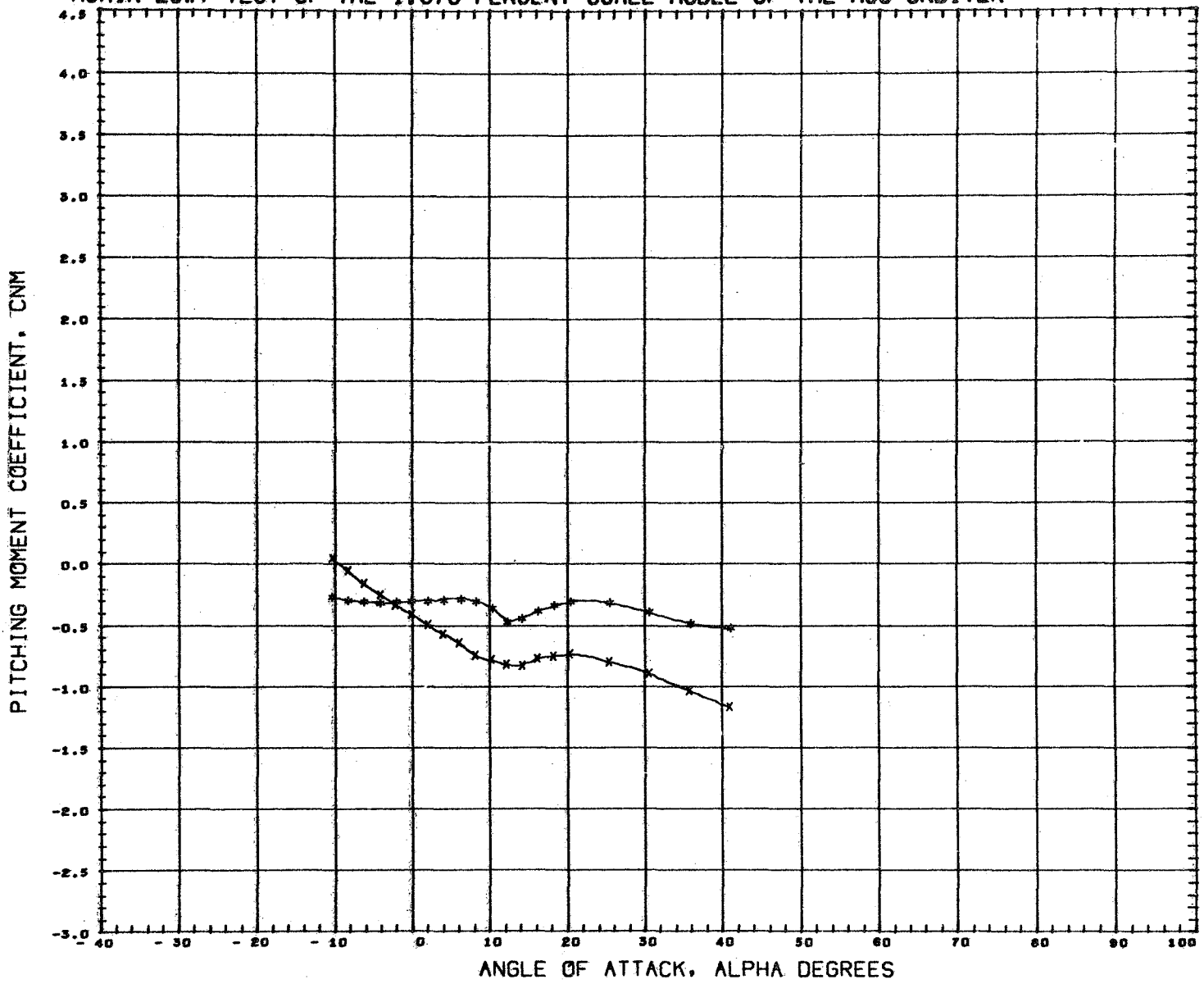
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3Wi (AFT)	(BC1A02)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100130

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



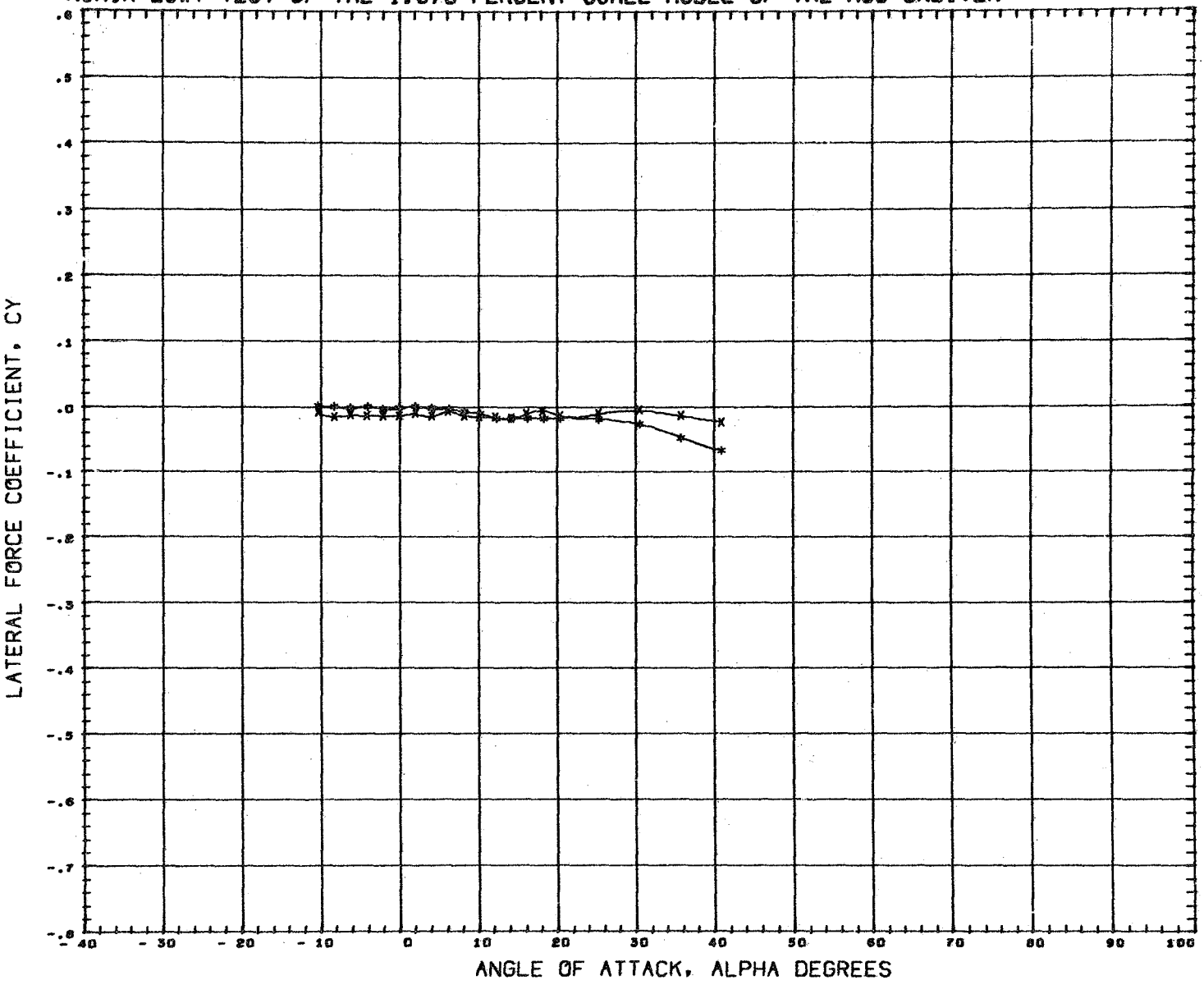
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A02)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE $DY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



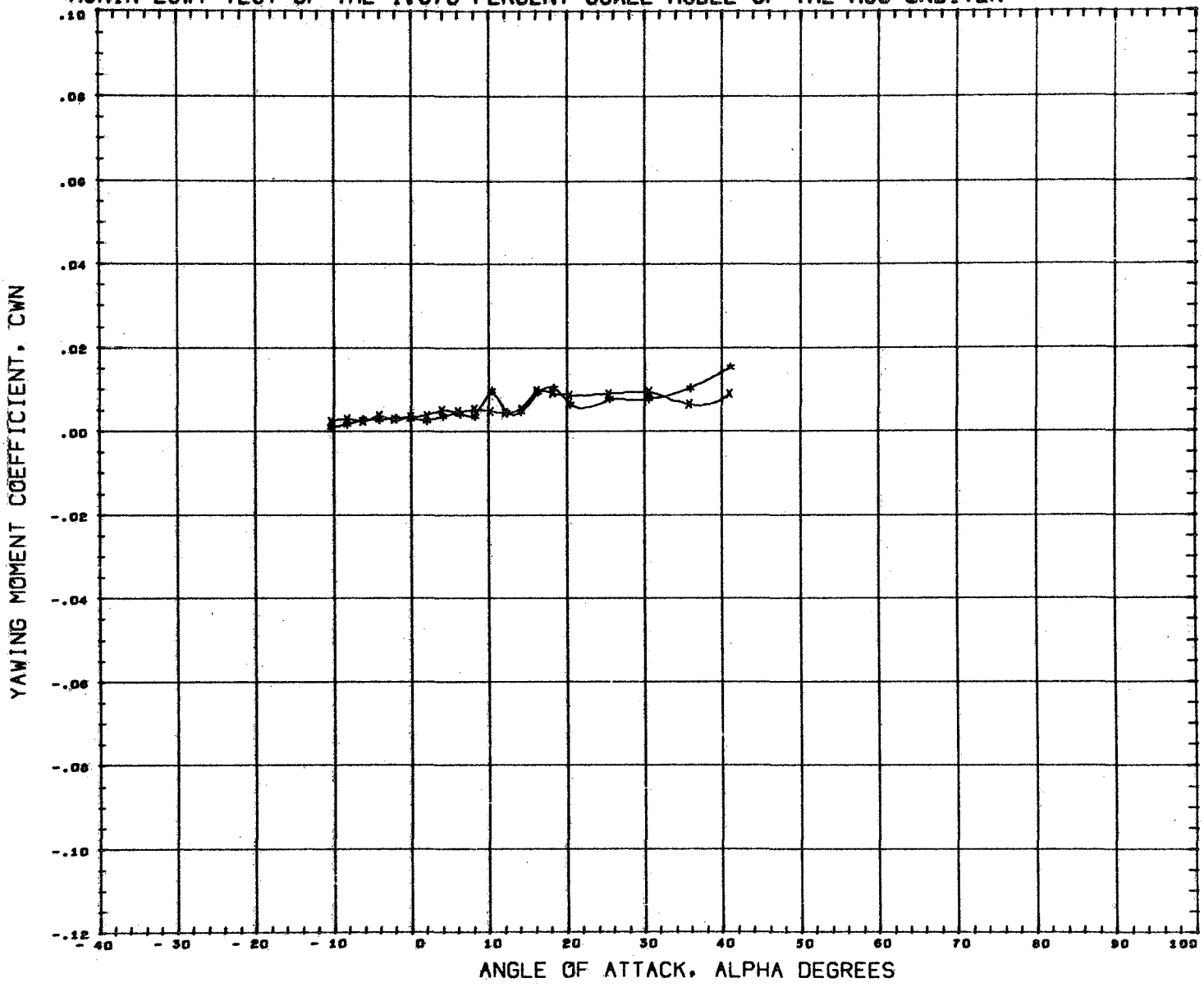
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A02)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



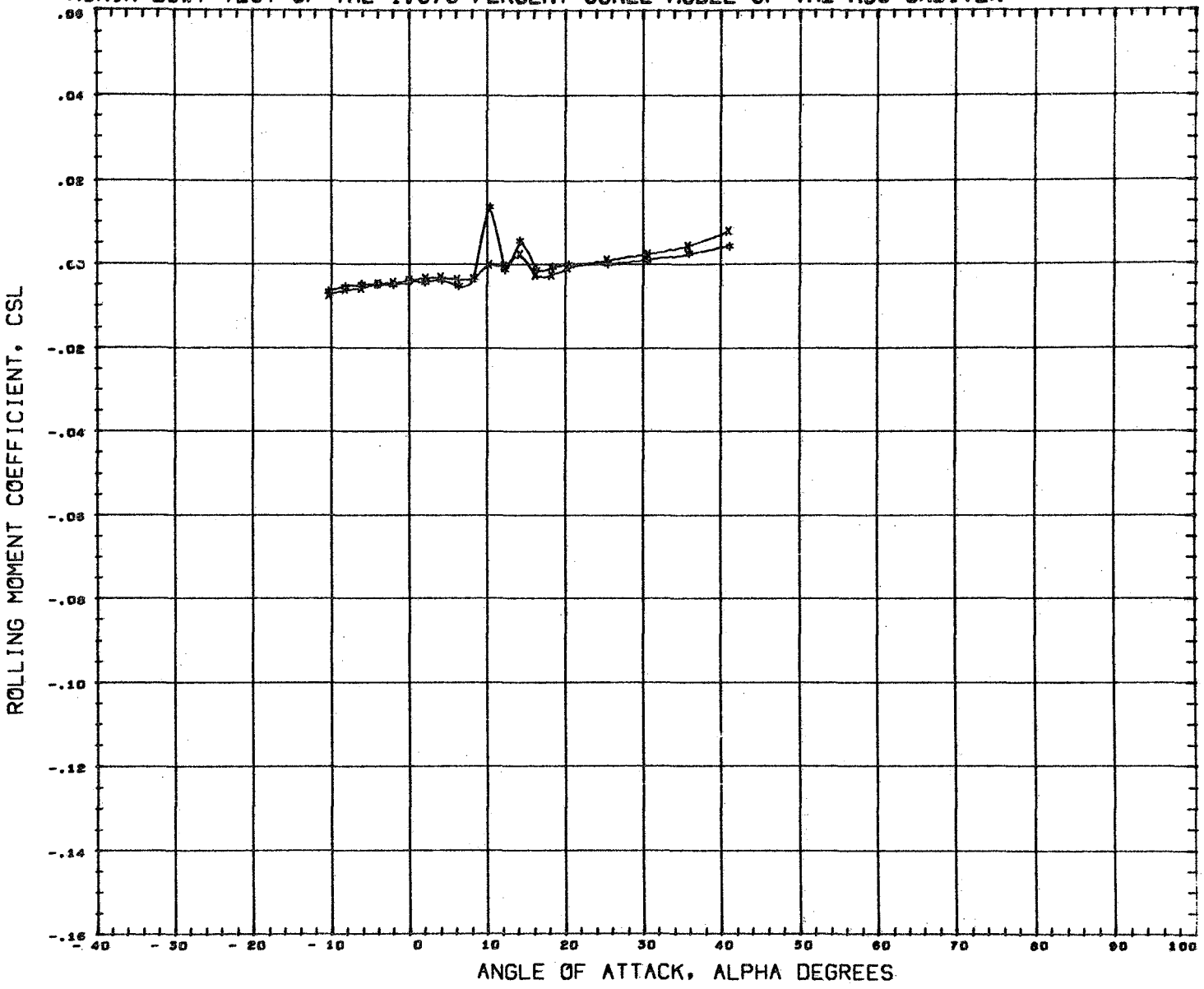
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A02)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



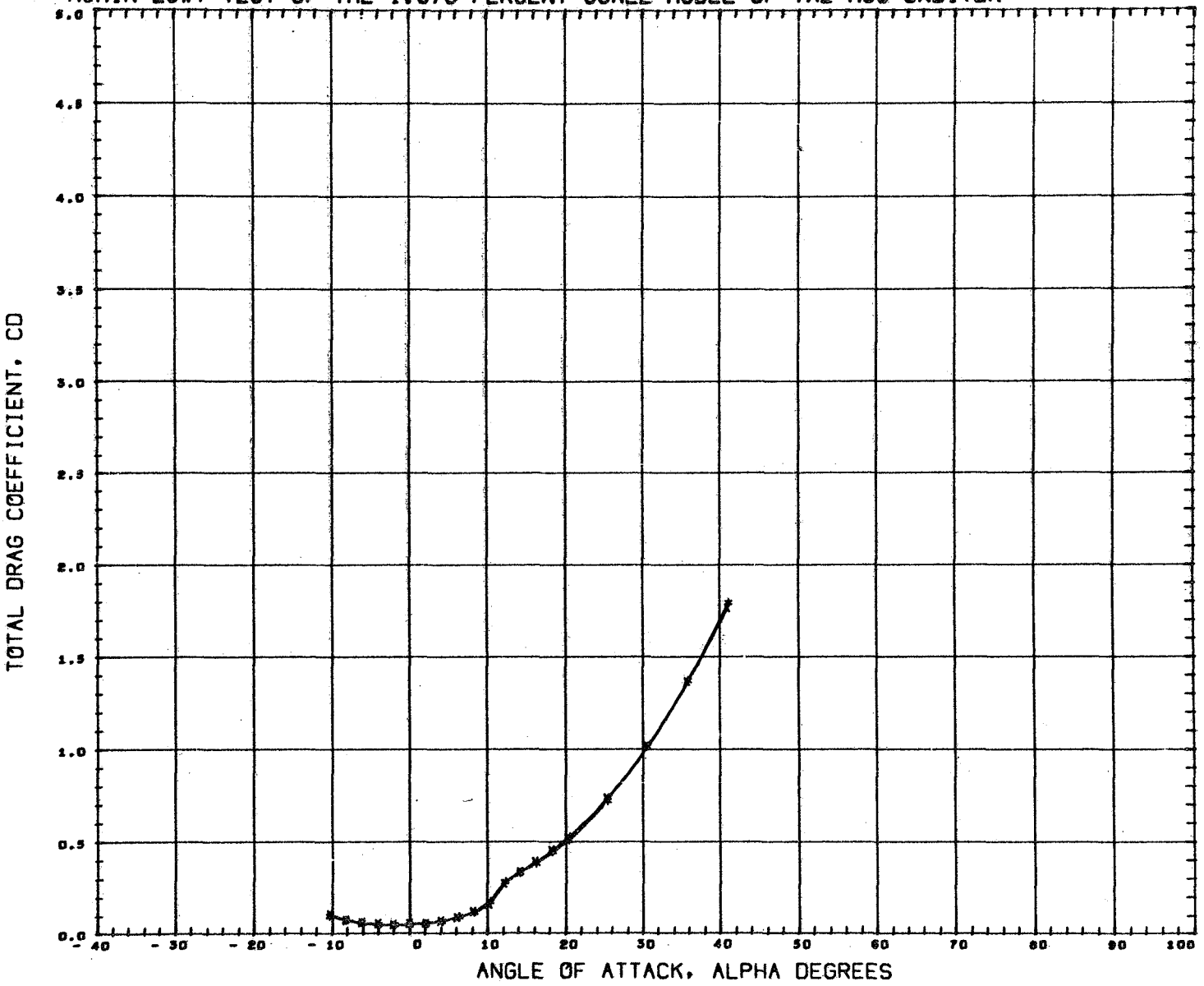
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A02)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



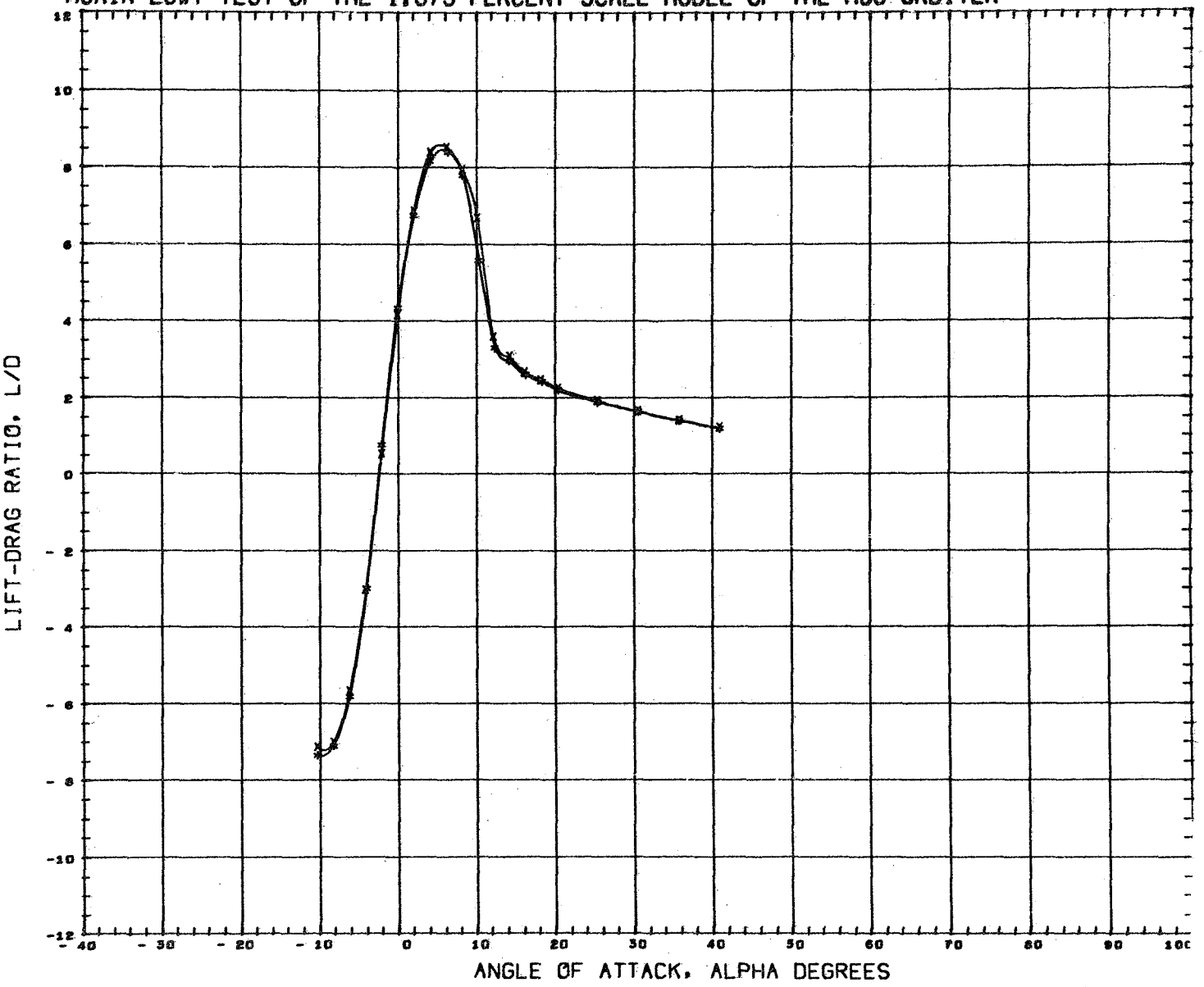
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A02)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



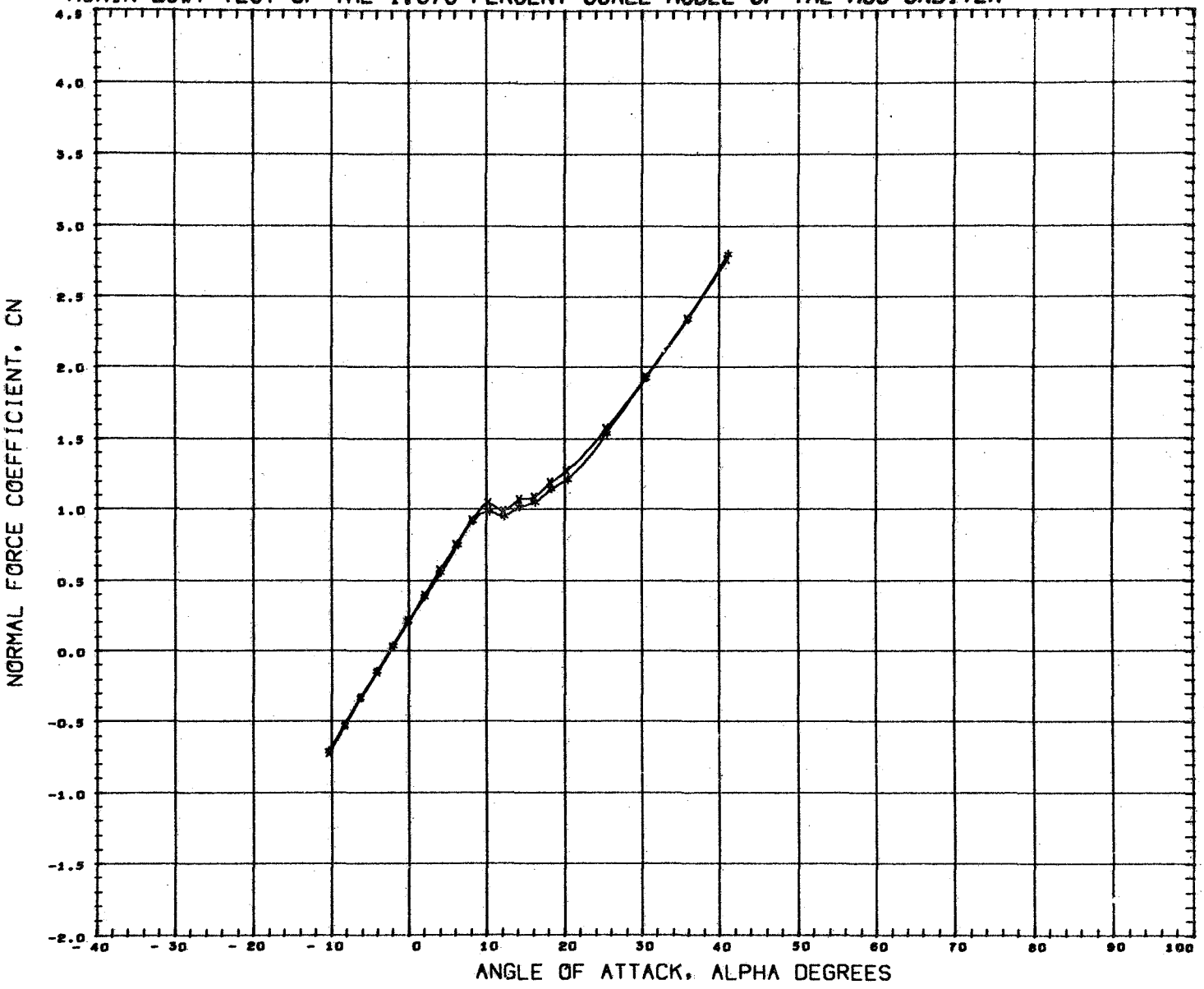
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F10)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(BC1A02)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



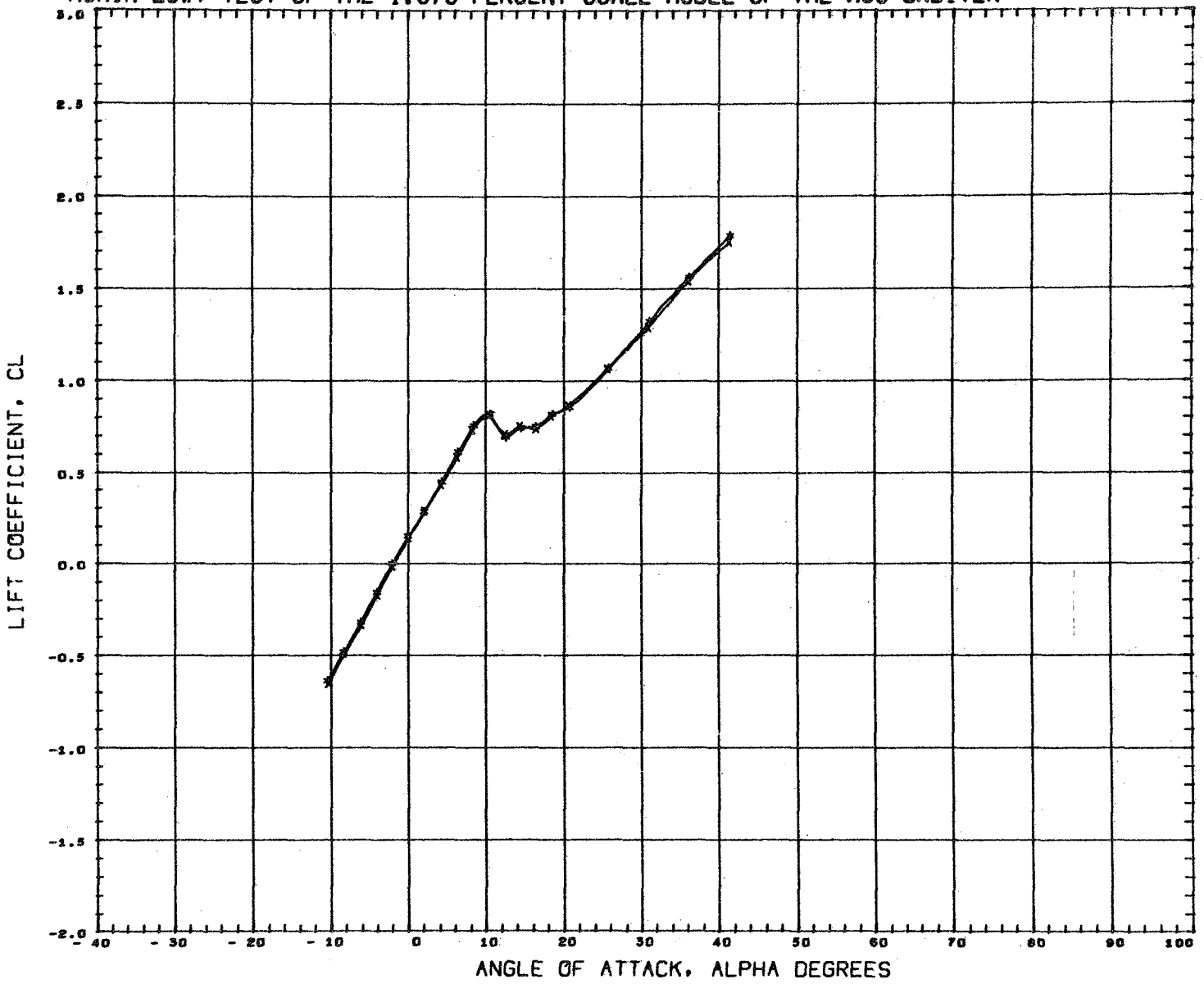
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(AC1F10)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT)	(AC1A02)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



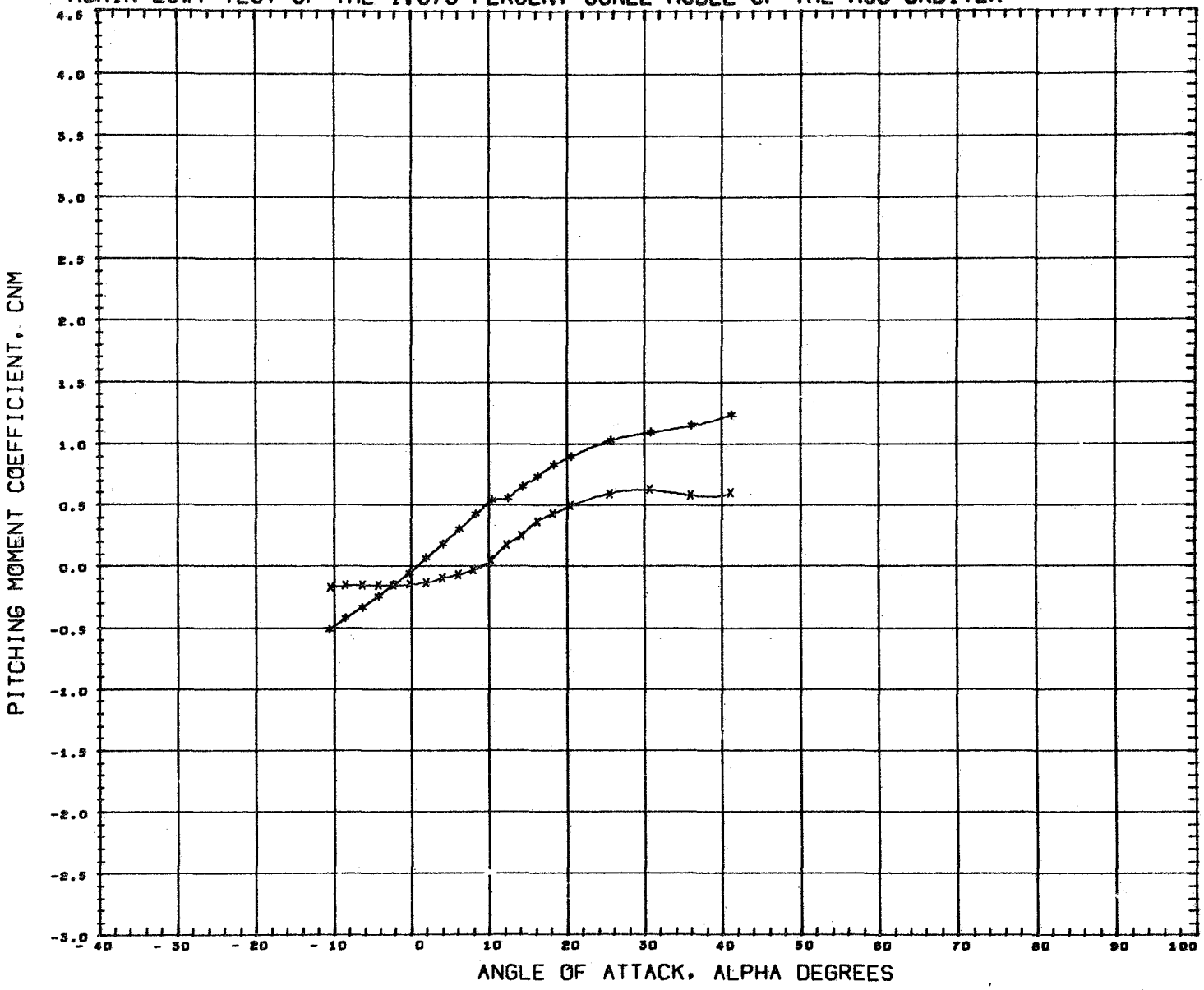
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1040)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



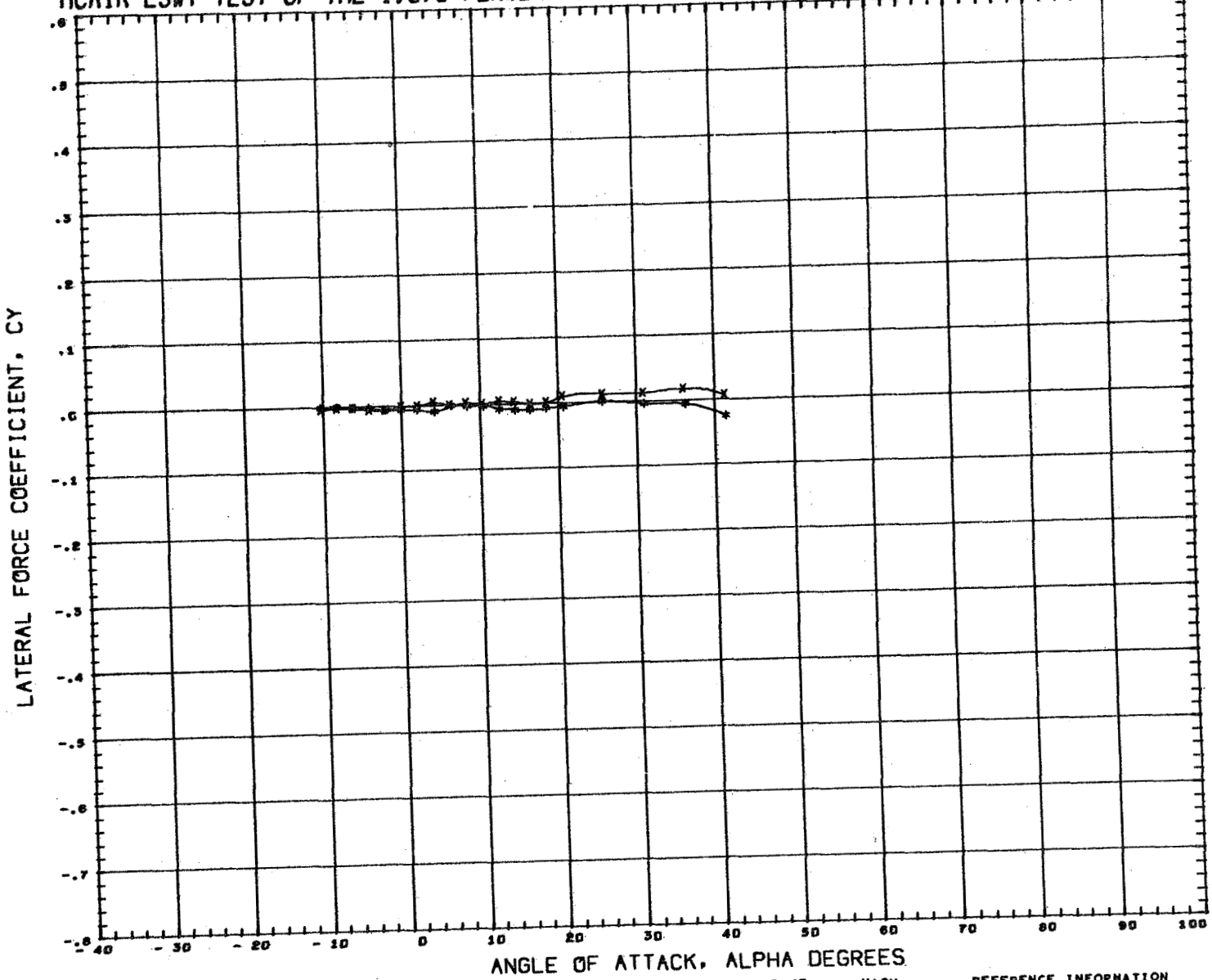
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1040)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



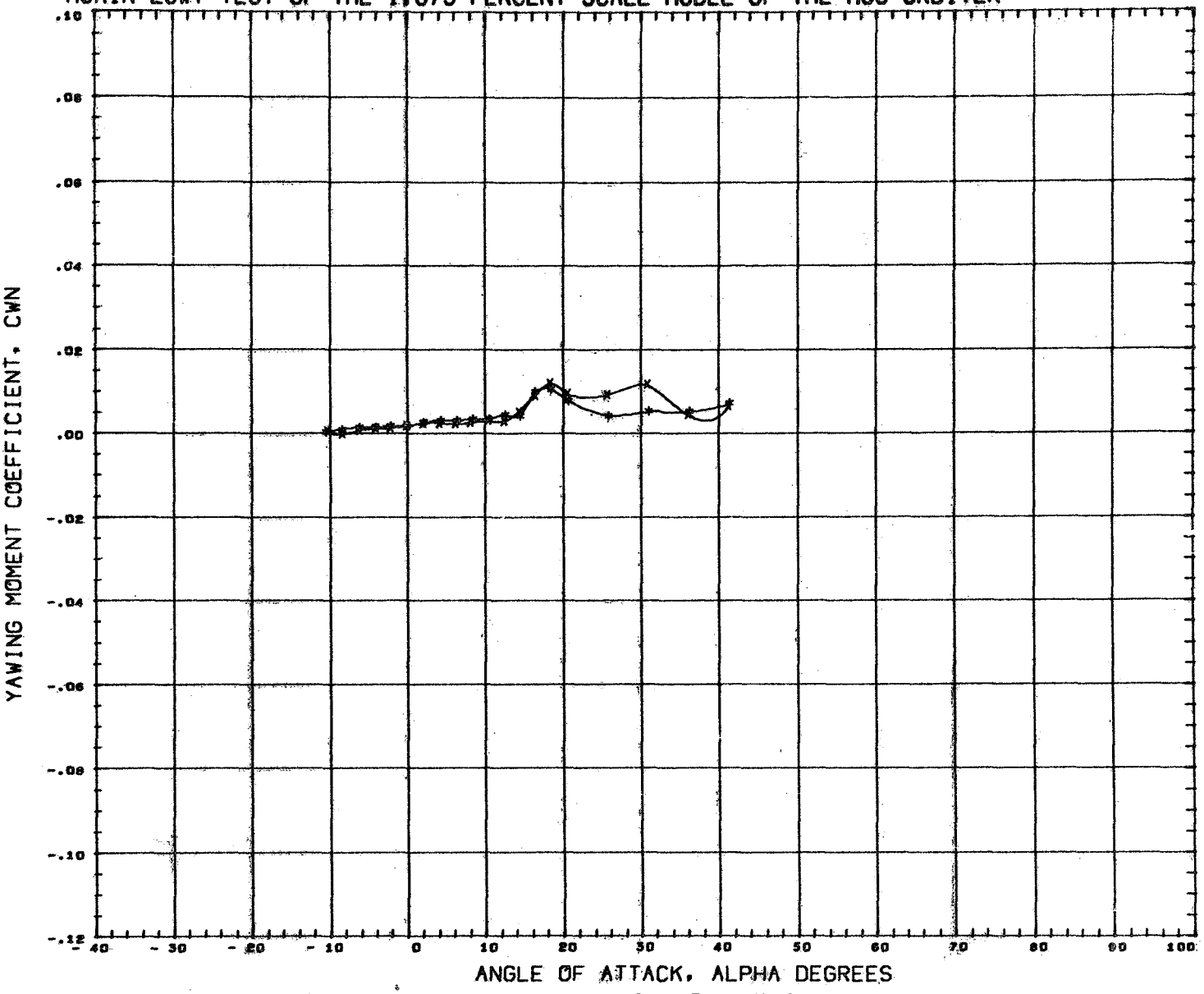
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1040)	26 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



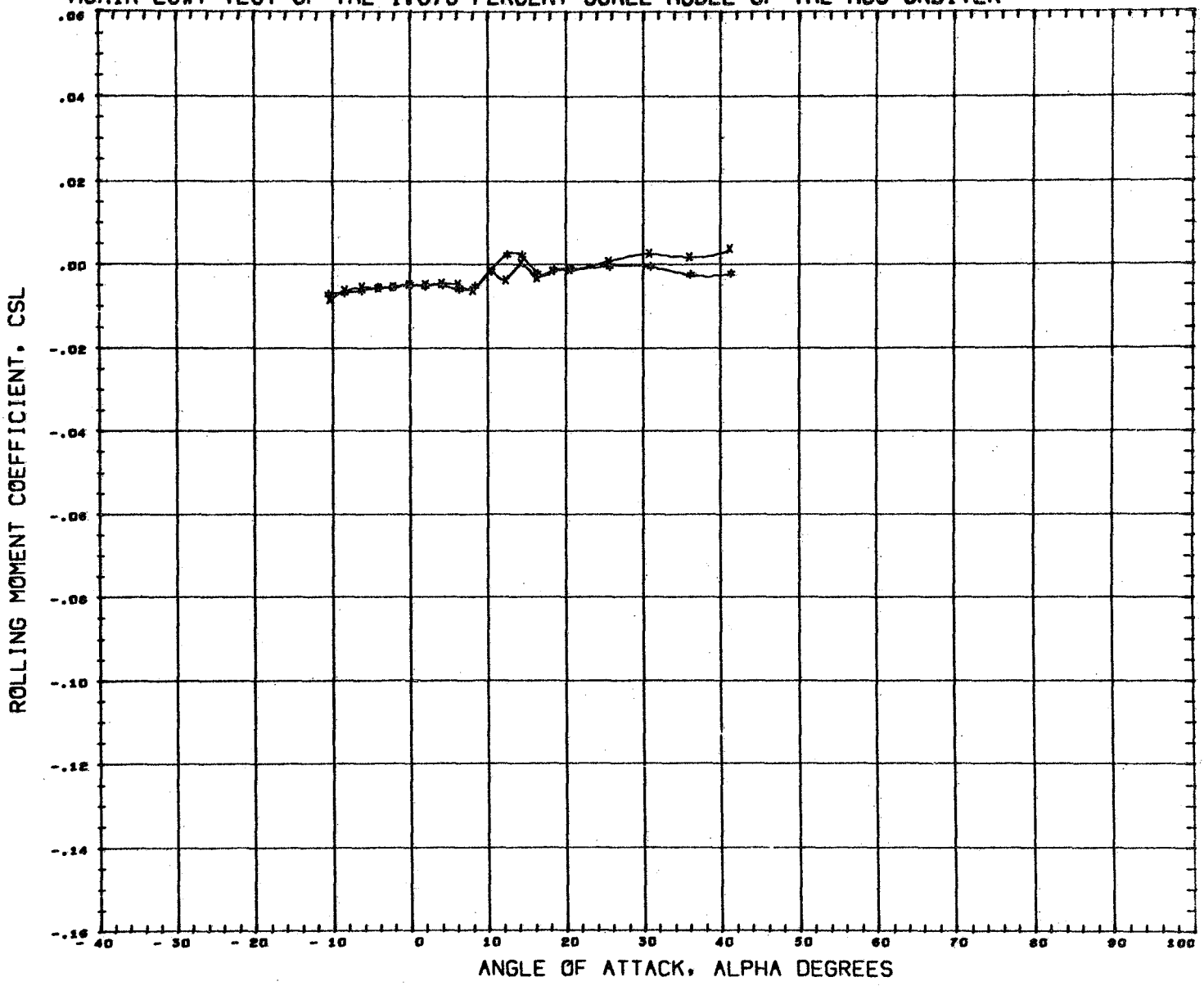
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 FC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	0.250
X	LSWT 223 1.875 FC MOD S5 ORB B1V3W1	(BC1040)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



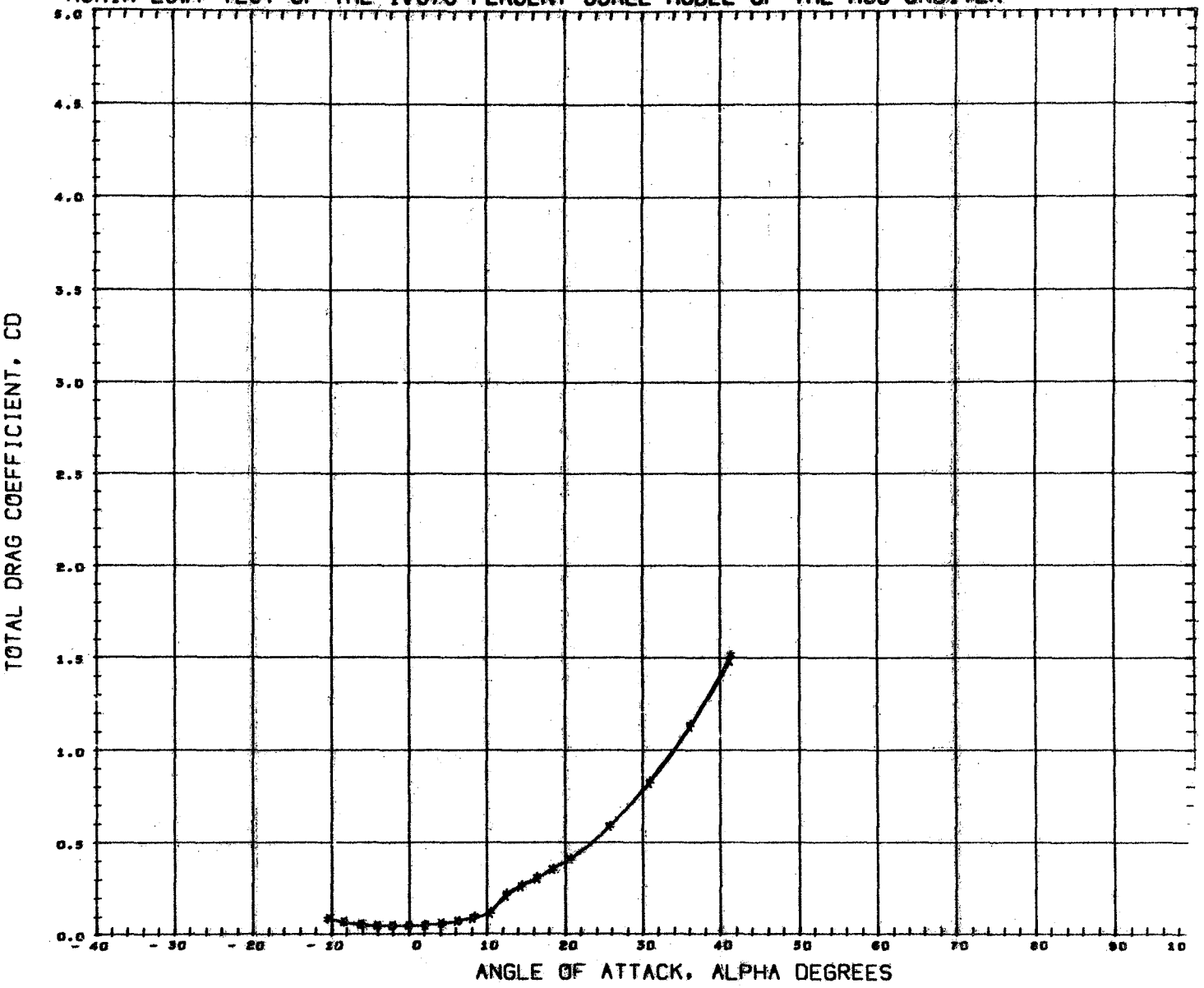
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1040)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



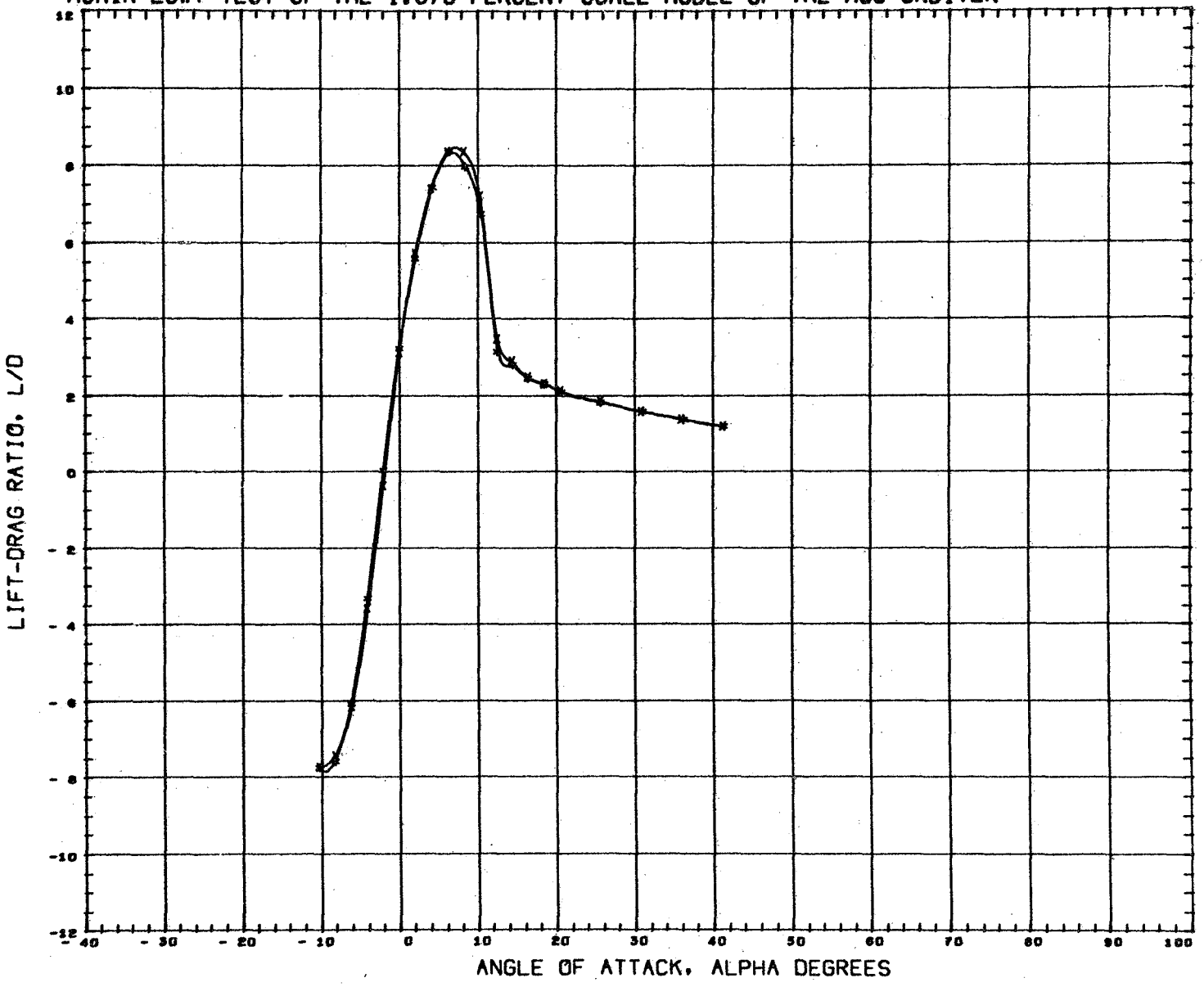
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1040)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20600×10^{-01}	SQ.FT
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



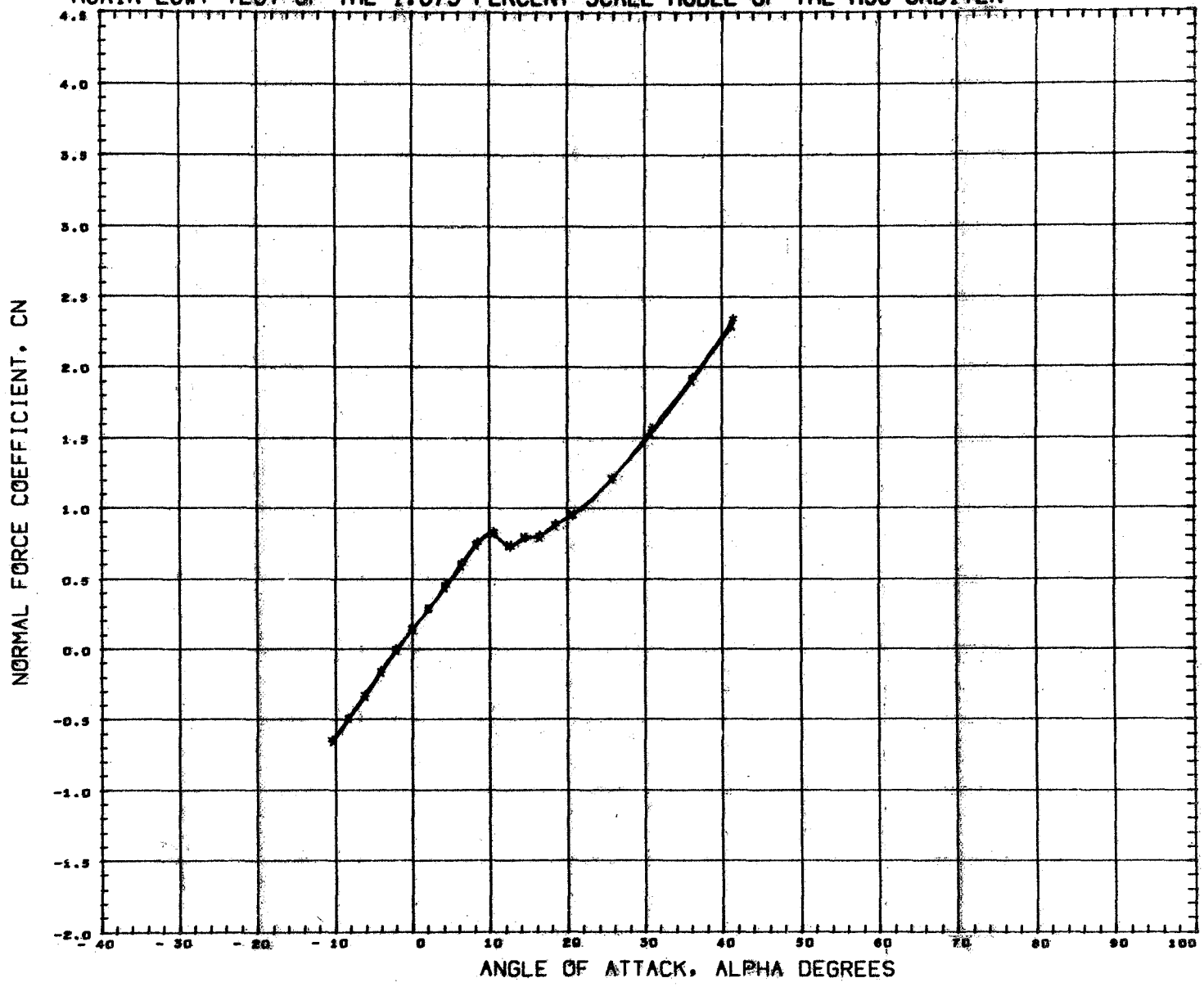
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1041)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(BC1040)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



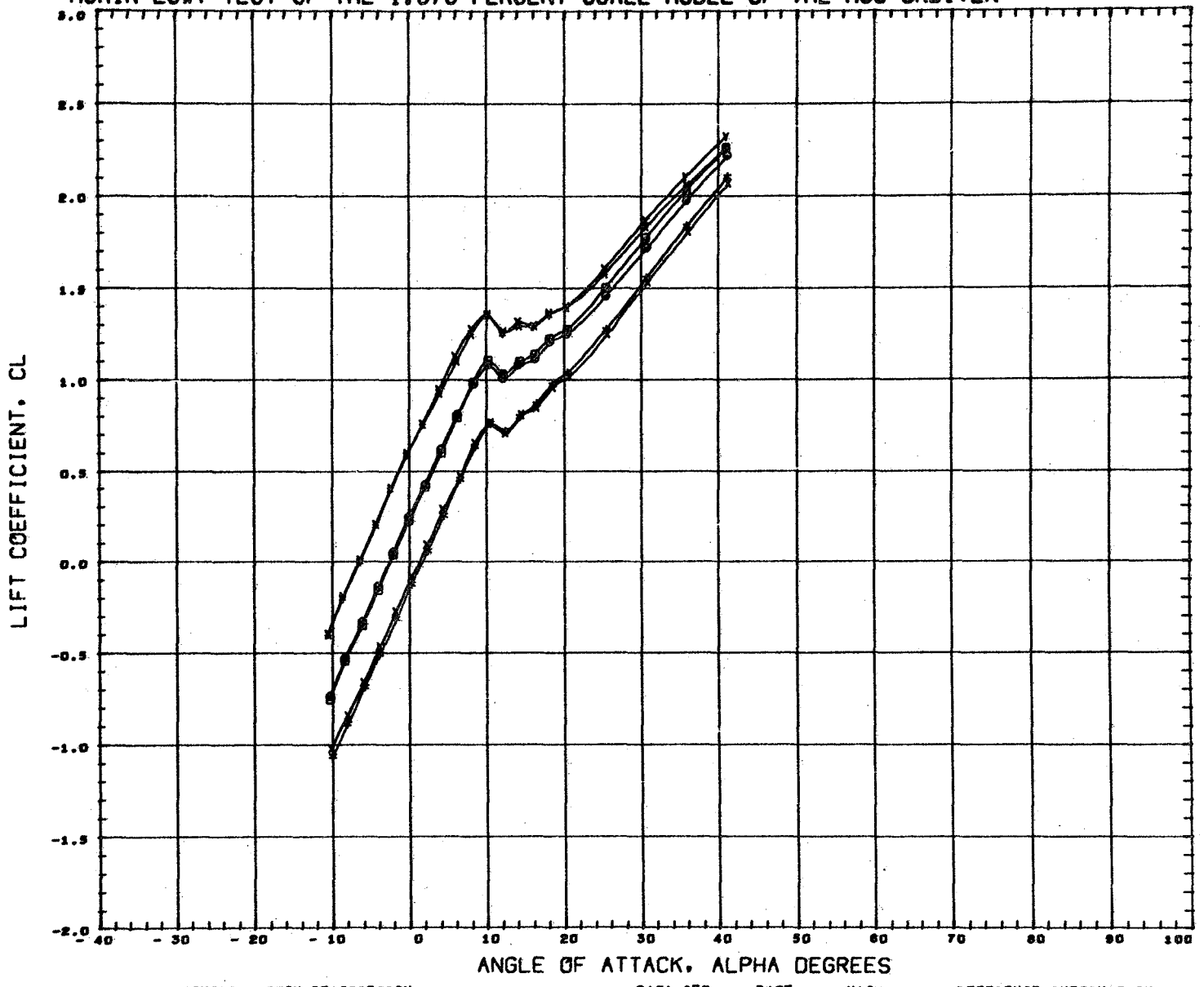
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(AC1041)	28 JUL 70	0.250
*	LSWT 223 1.875 PC MOD S5 ORB B1V3W1	(AC1040)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



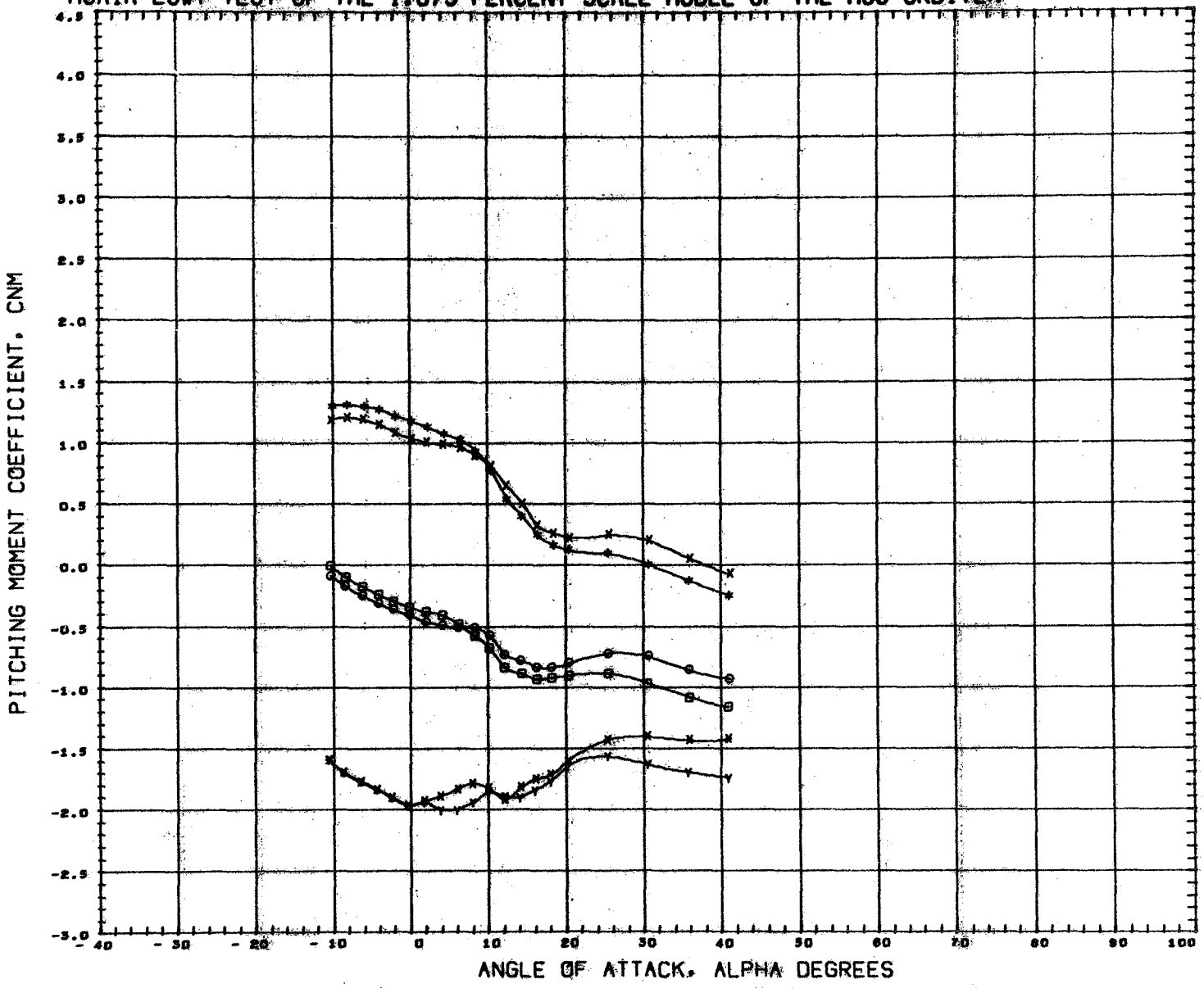
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	
⊠	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



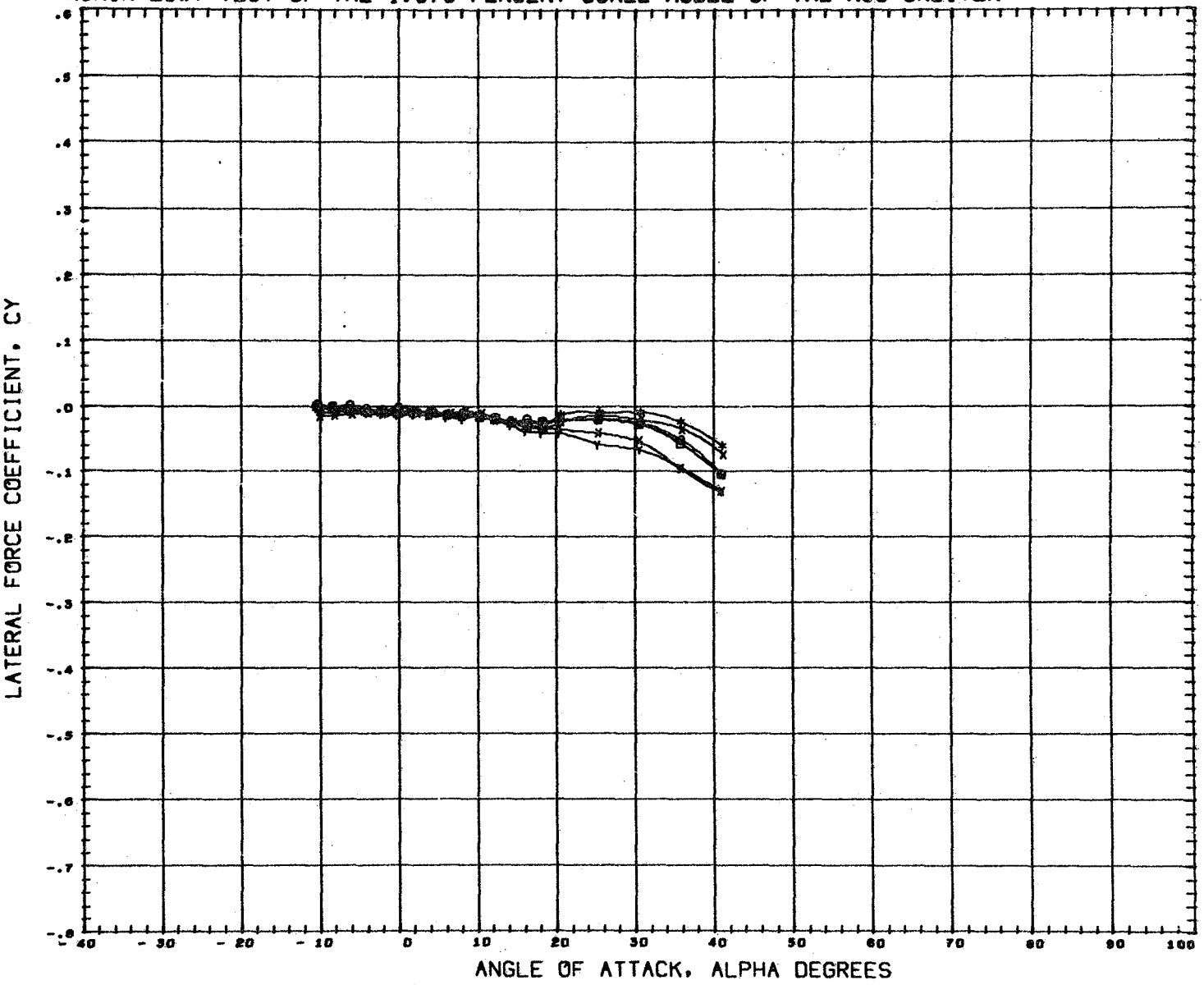
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G08)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



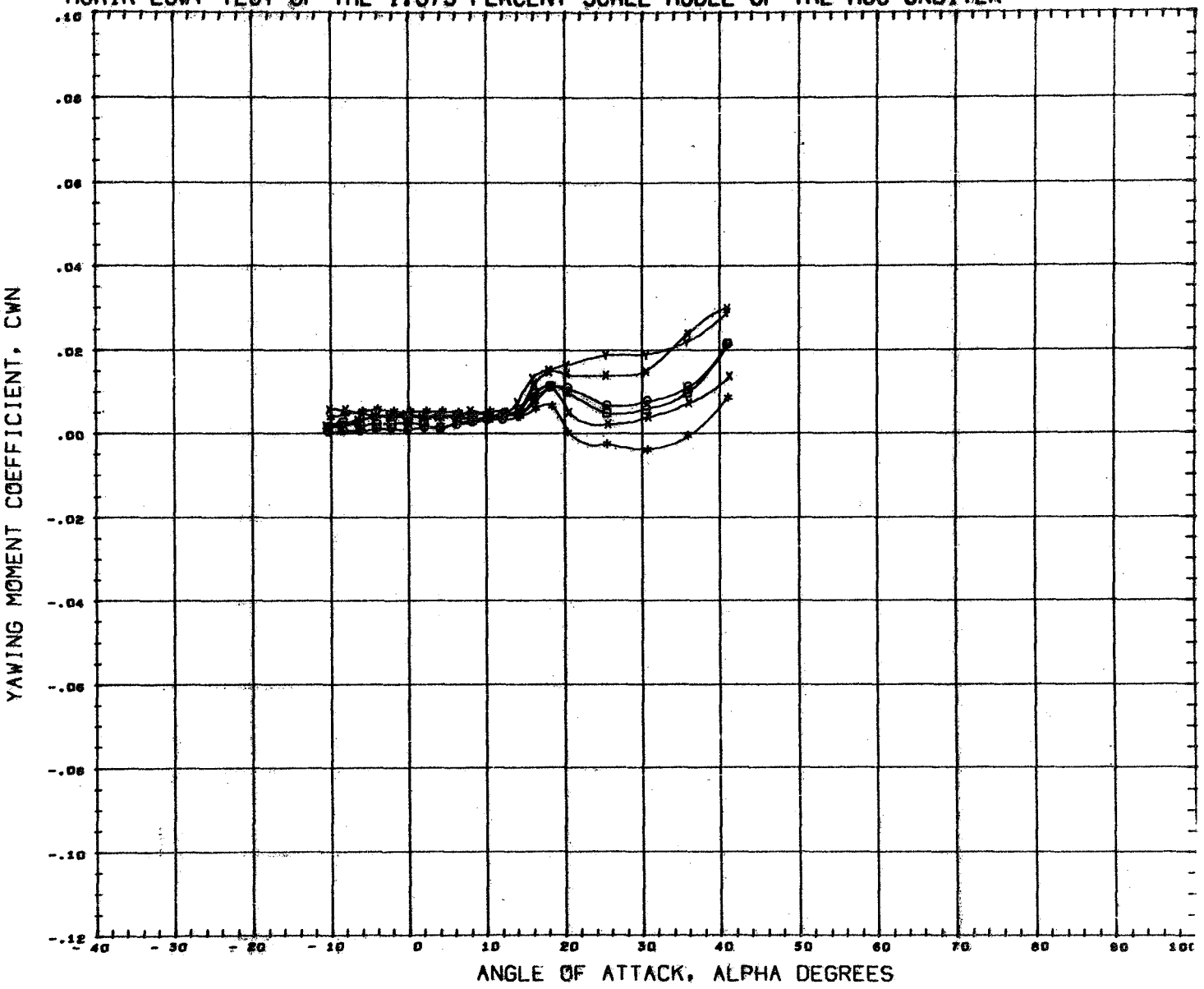
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

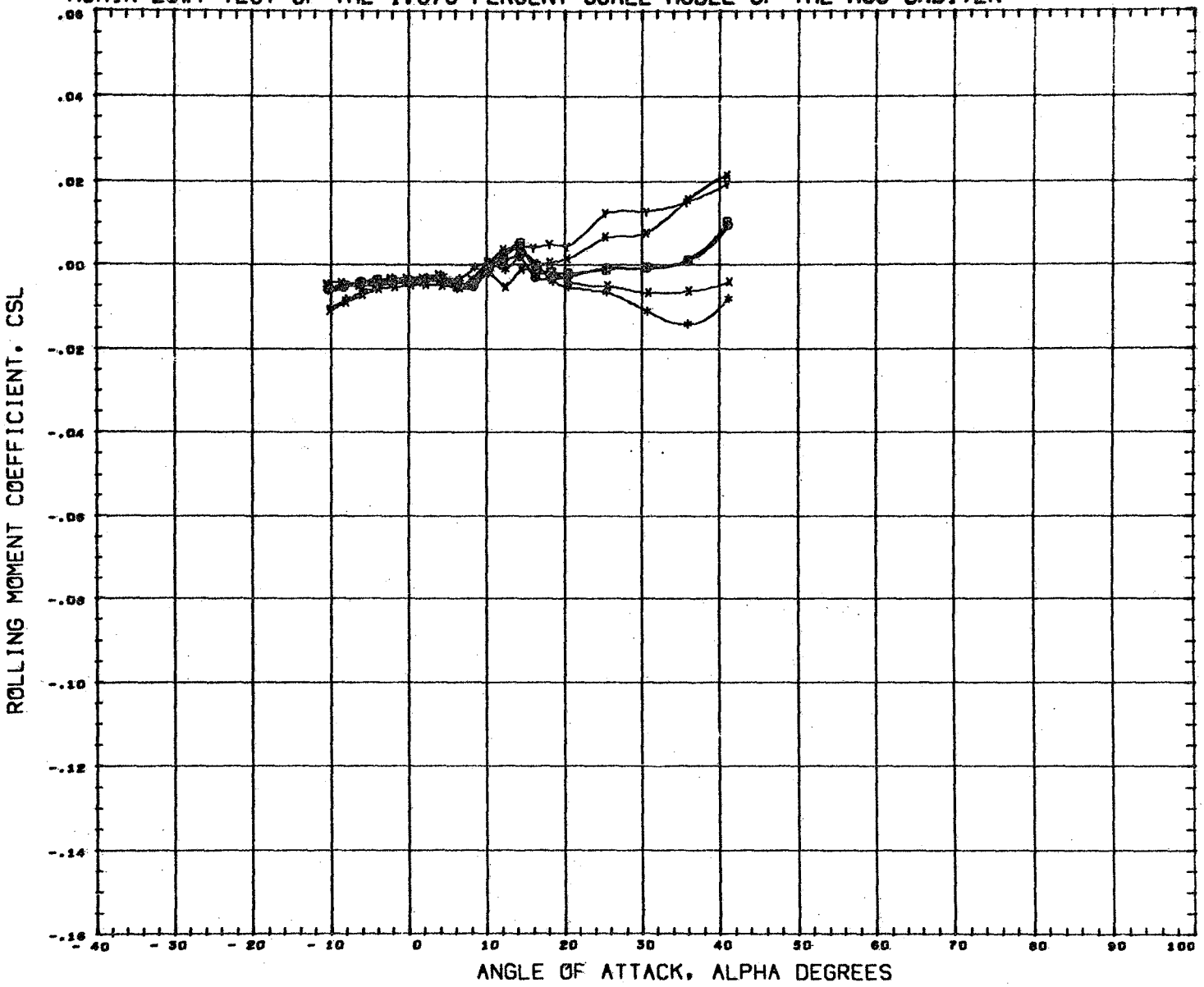


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H08)	28 JUL 70	

REFERENCE FILE 3DY 37100150

REFERENCE INFORMATION		
REFS	3.20600×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

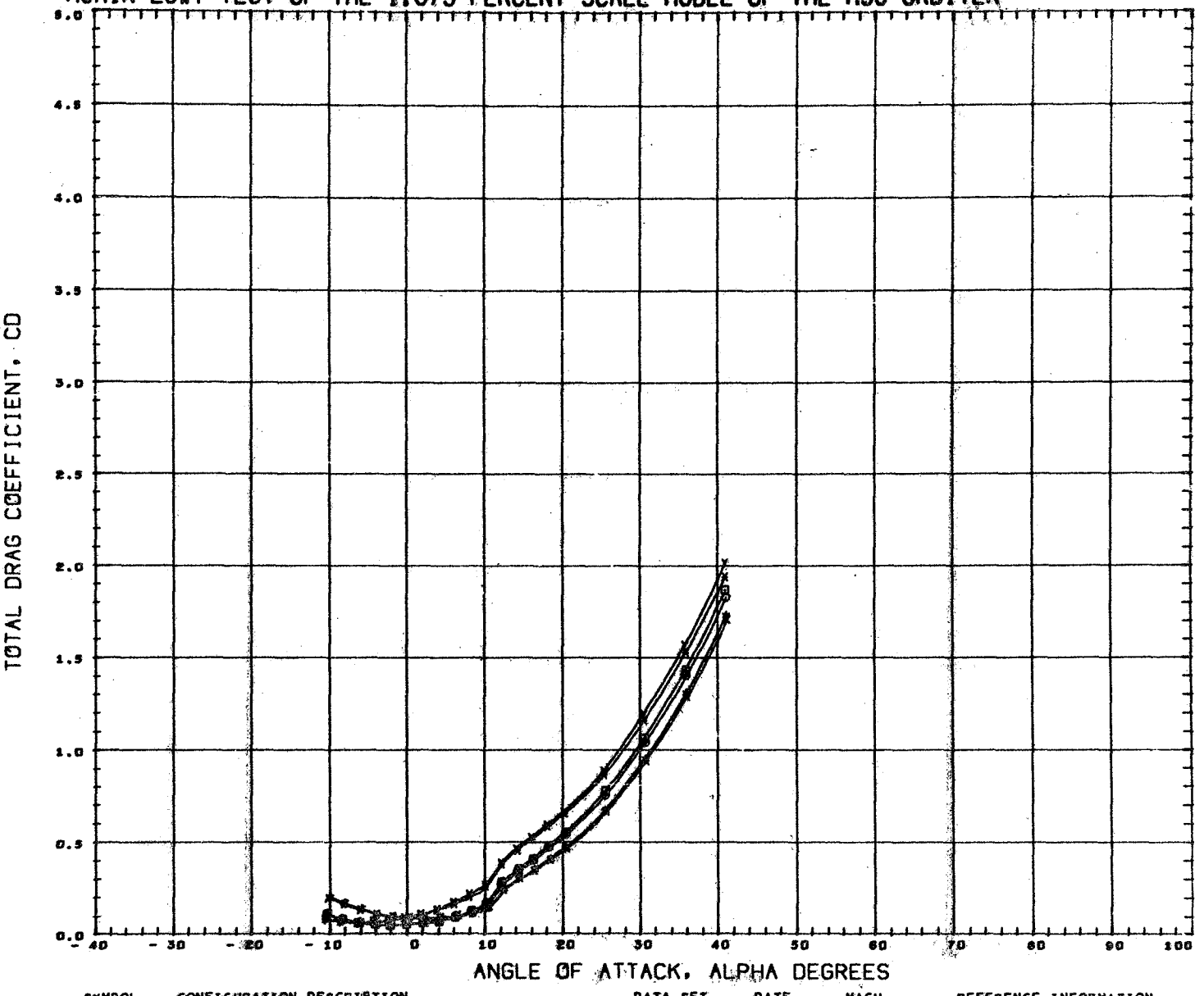


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	
@	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	
H	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3WI	(BC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

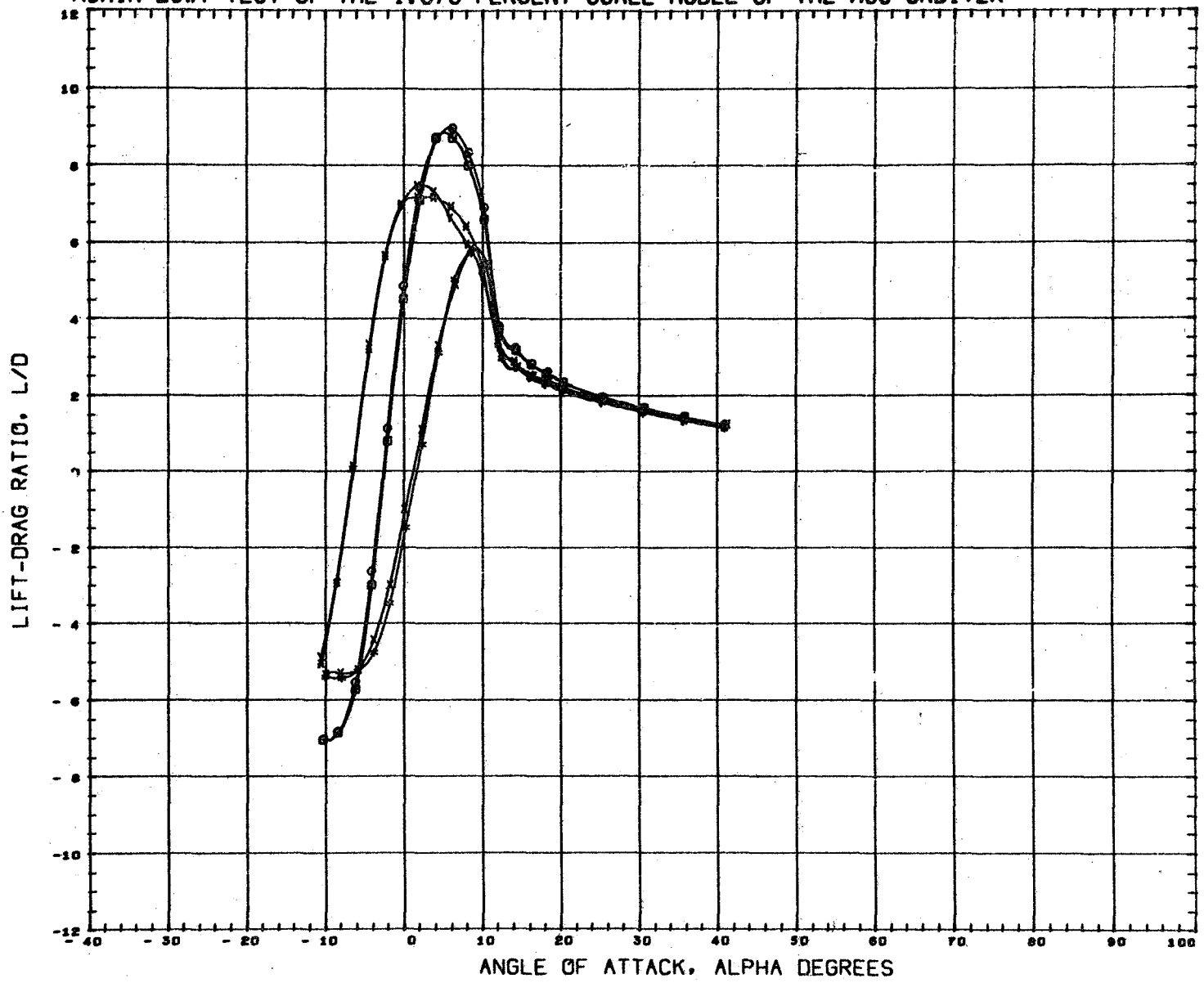


SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	
⊕	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
⊕	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



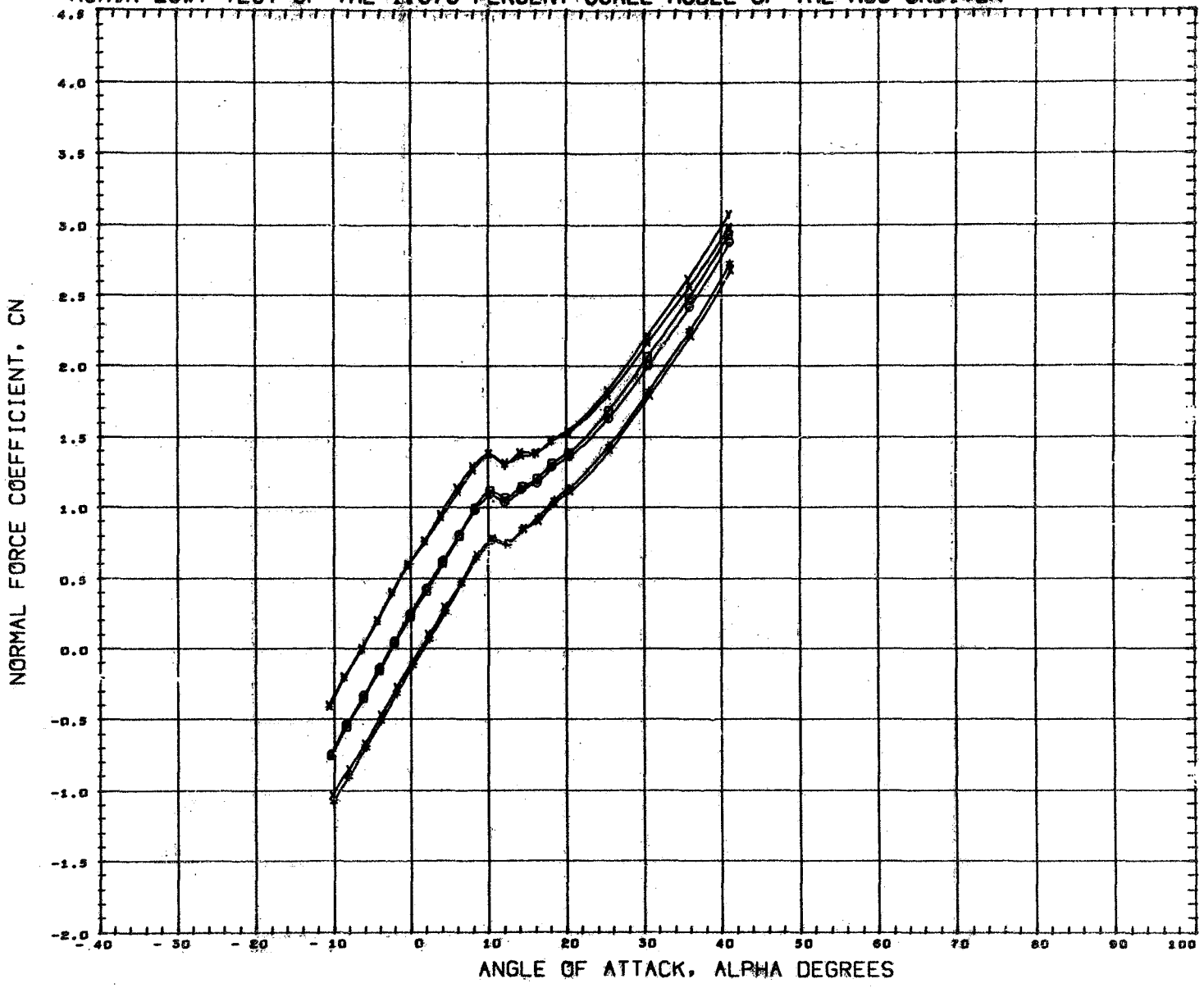
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G06)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H11)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G05)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H09)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(BC1G04)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(BC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



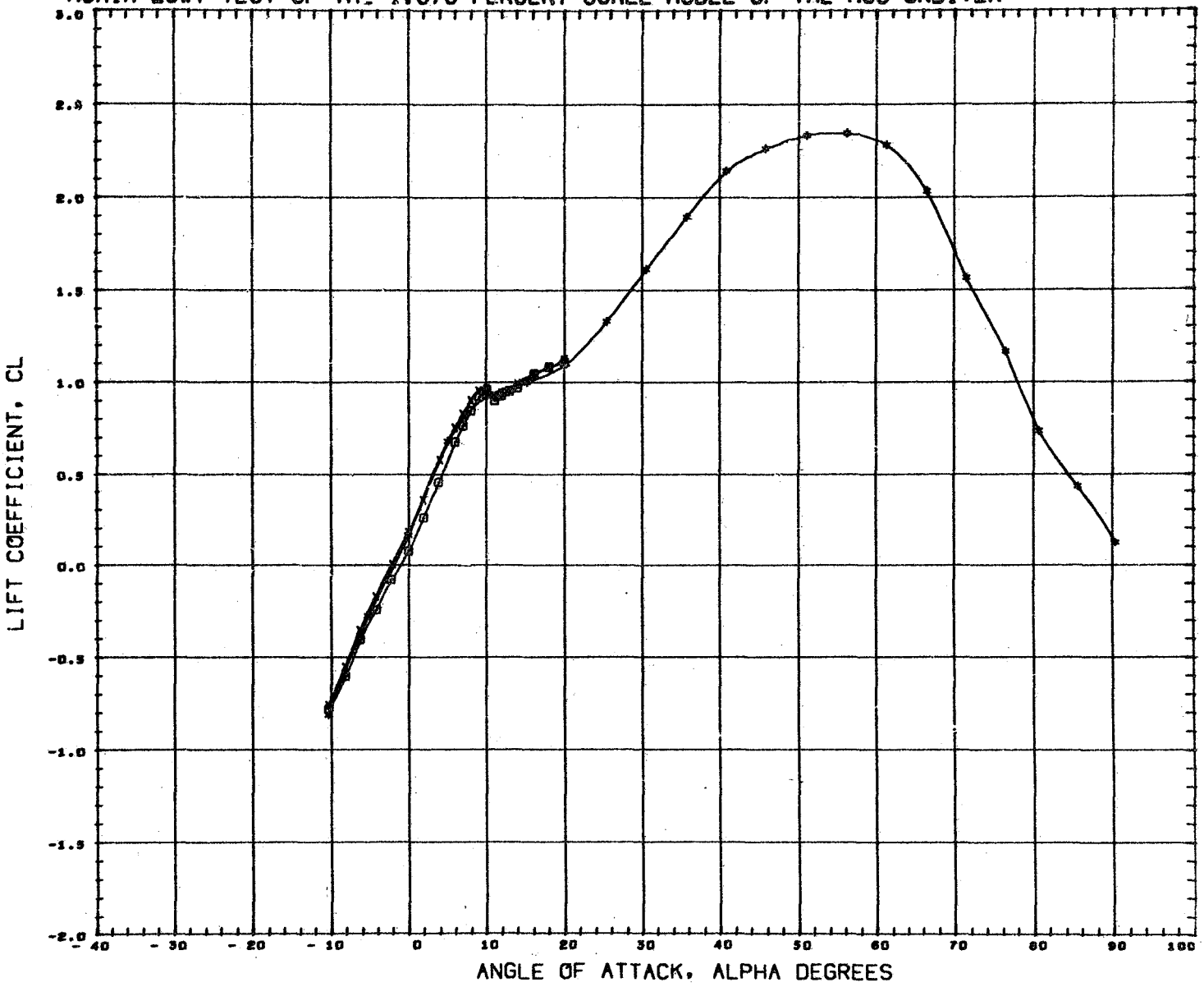
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(AC1G06)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(AC1H11)	28 JUL 70	
B	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(AC1G05)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(AC1H09)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H013V3W1	(AC1G04)	28 JUL 70	
R	LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1	(AC1H08)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	5.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



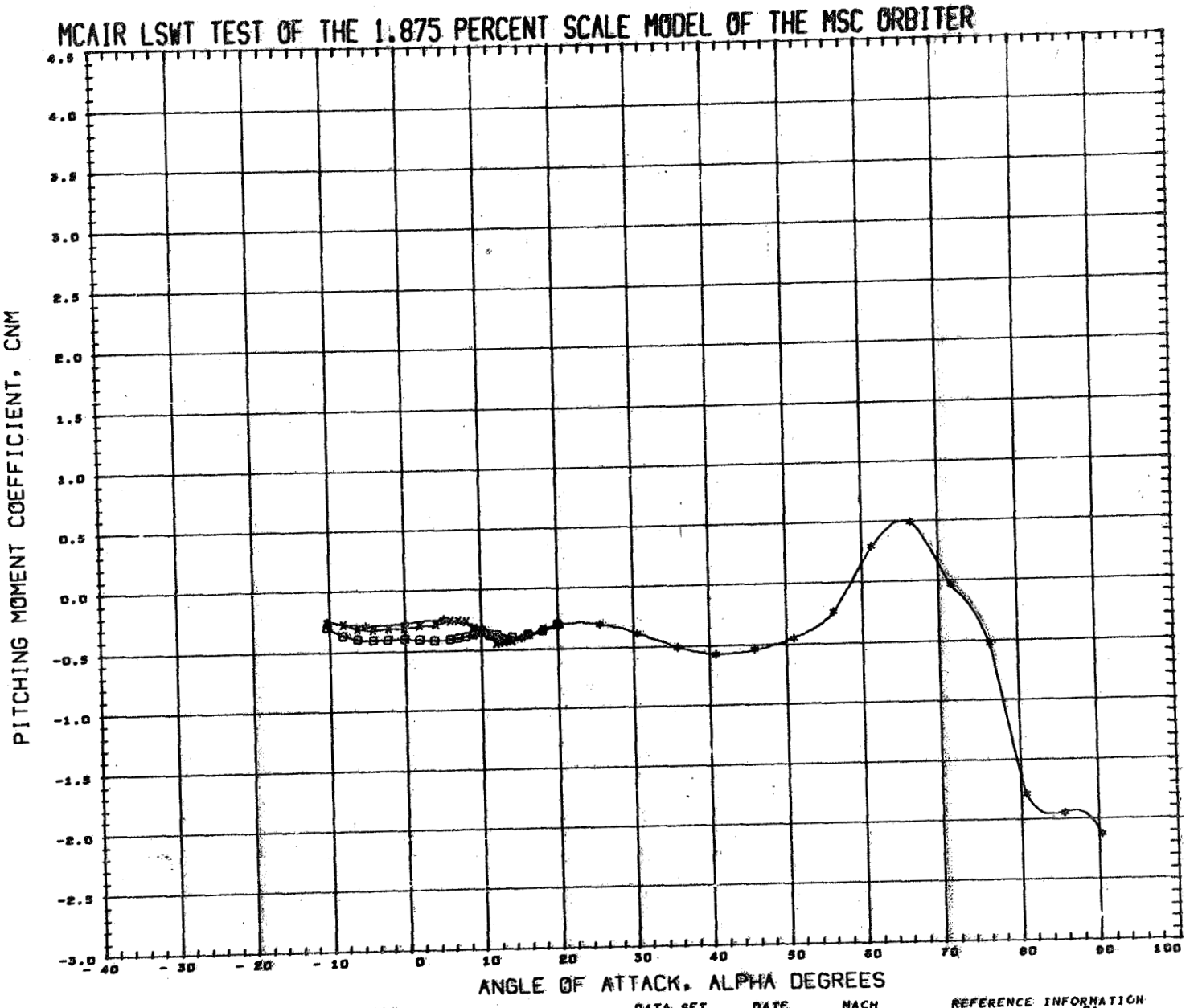
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F17)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6S2V3W1	(BC1083)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6S3V3W1	(BC1084)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+01}$	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



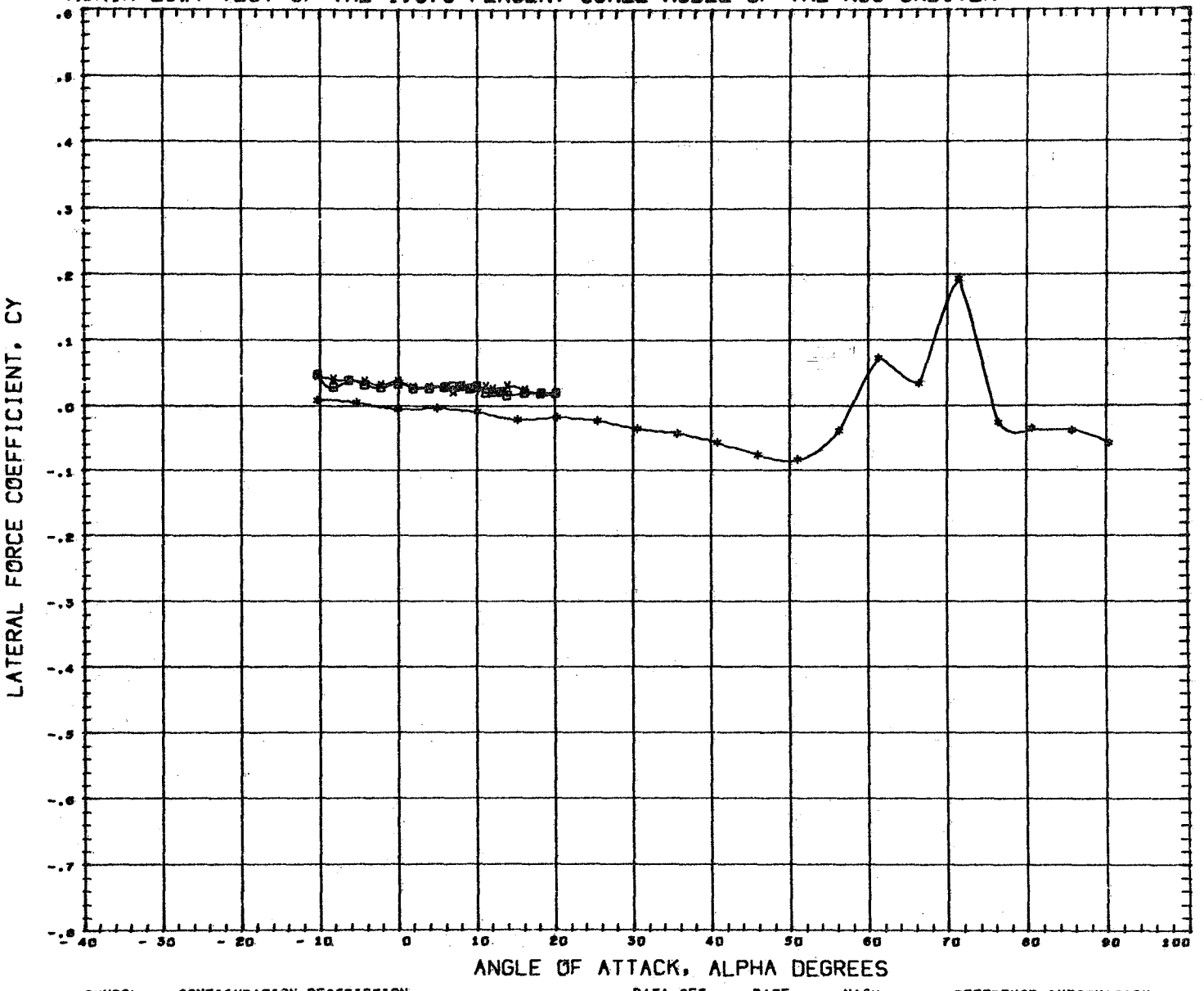
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F17)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6S2V3W1	(BC1083)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6S3V3W1	(BC1084)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



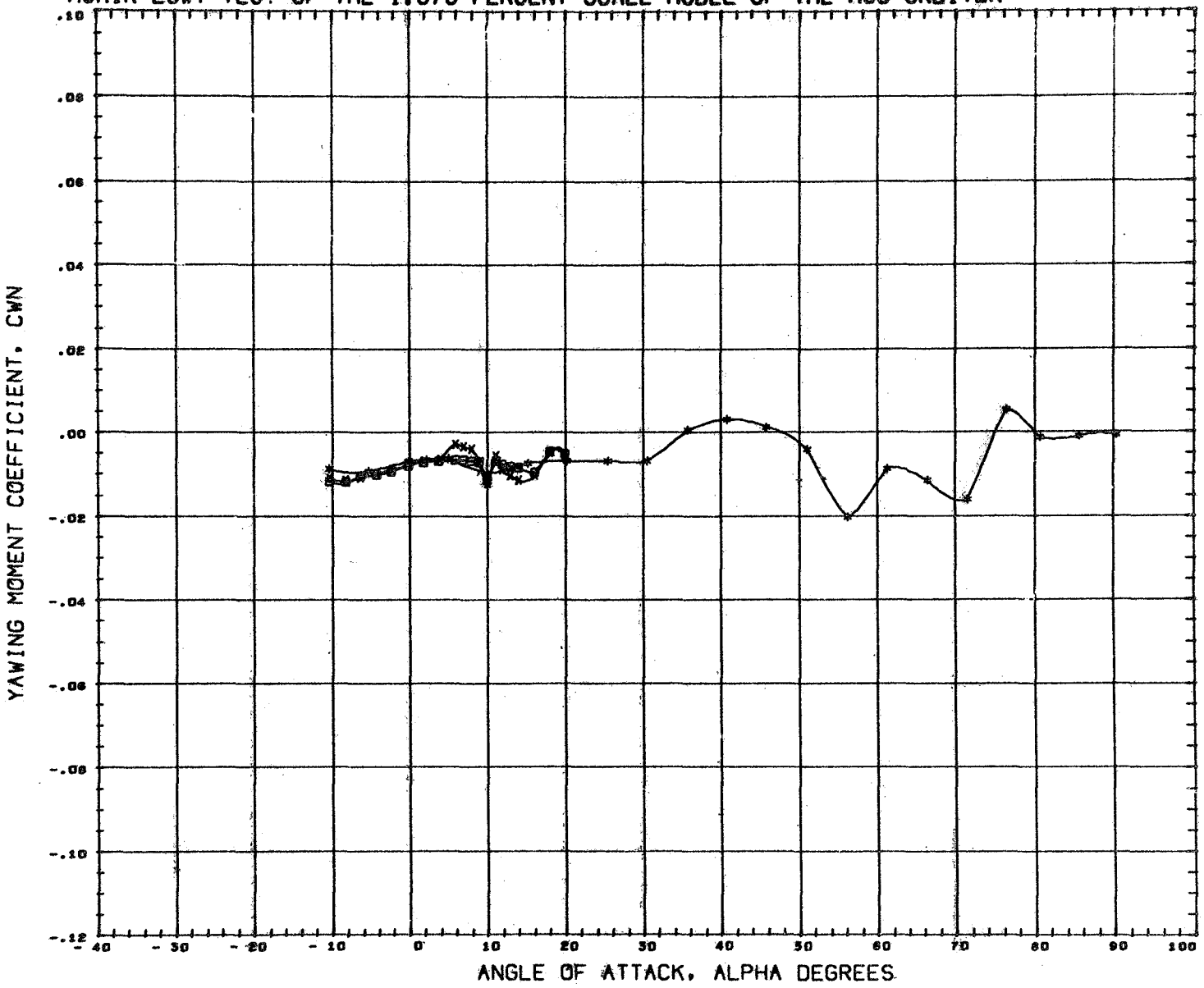
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F17)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6S2V3W1	(BC1083)	28 JUL 70	
Ø	LSWT 223 1.875 PC MOD S5 ORB. B1H6S3V3W1	(BC1084)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



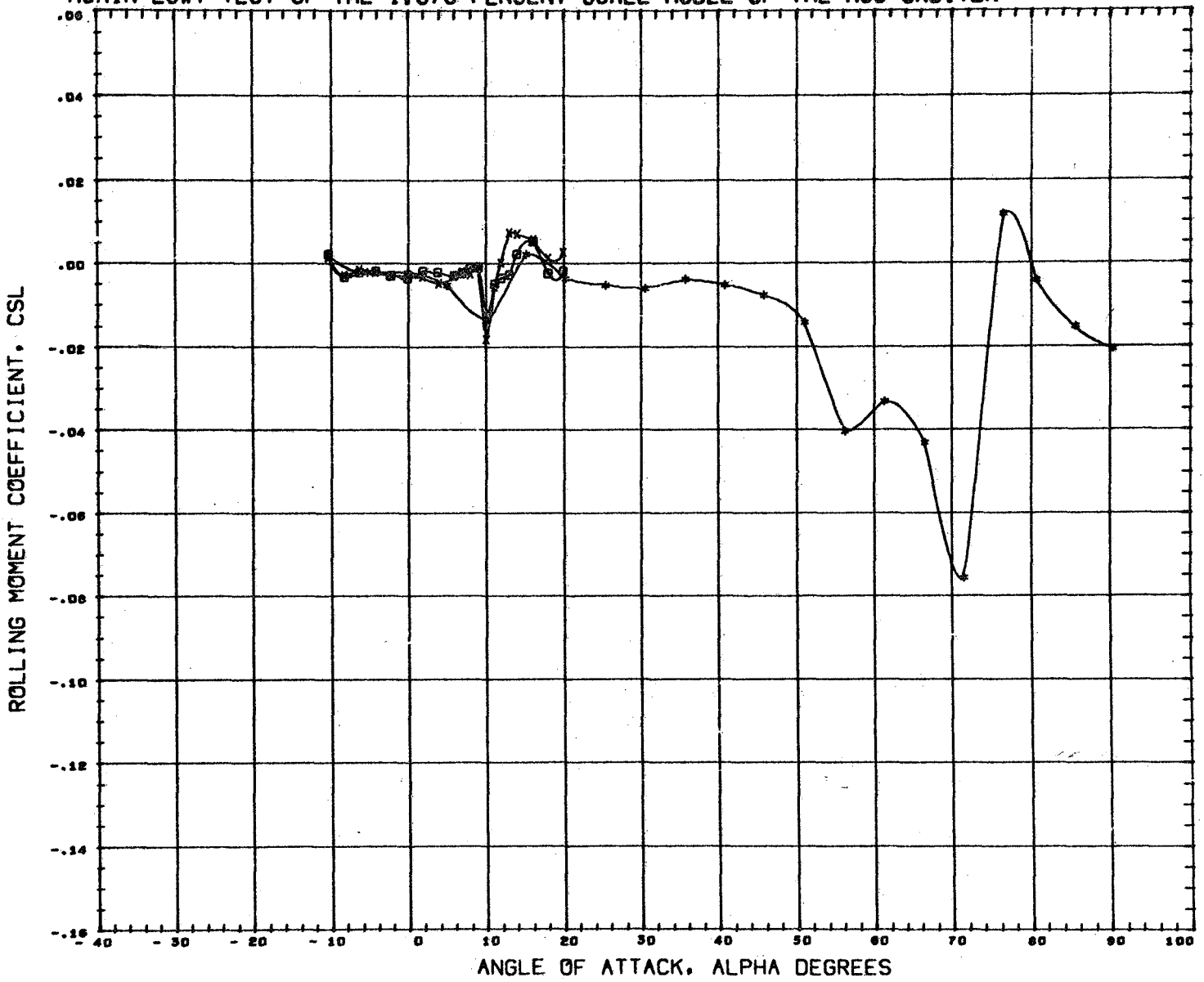
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F17)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6S2V3W1	(BC1083)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6S3V3W1	(BC1084)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 3710015D

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



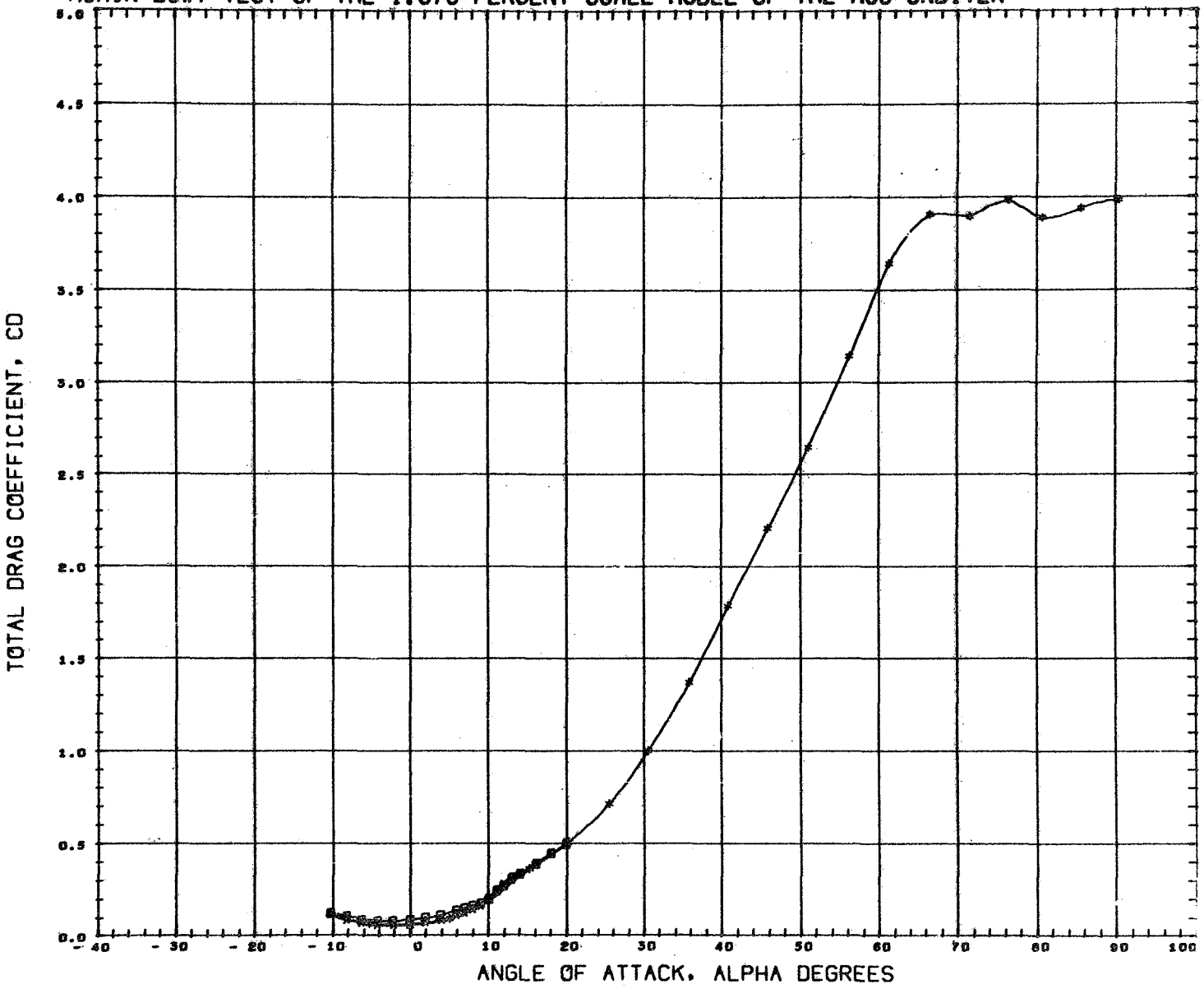
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(3C1F17)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6S2V3W1	(BC1083)	26 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6S3V3W1	(BC1084)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



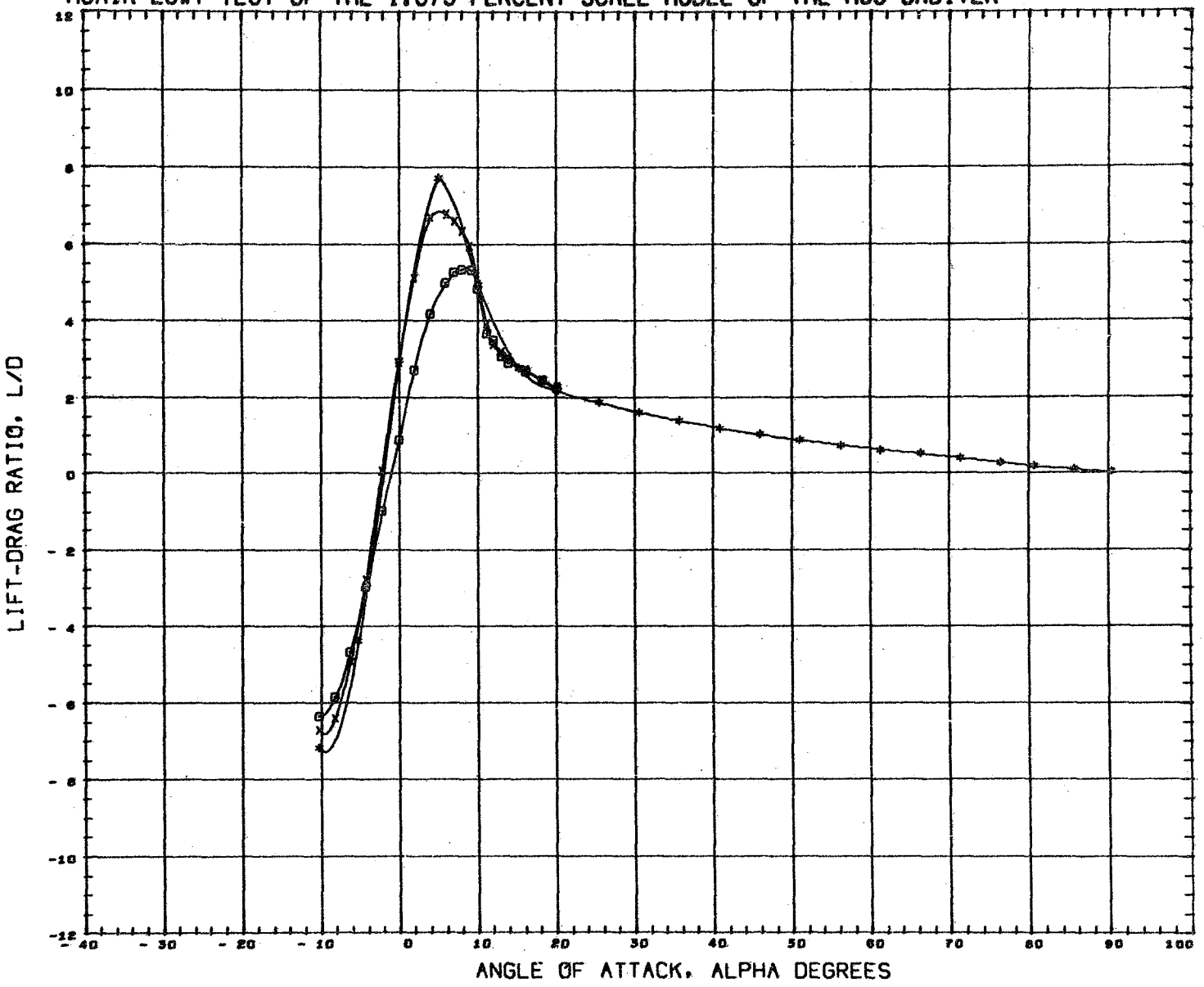
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F17)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6S2V3W1	(BC1083)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6S3V3W1	(BC1084)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100:50

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



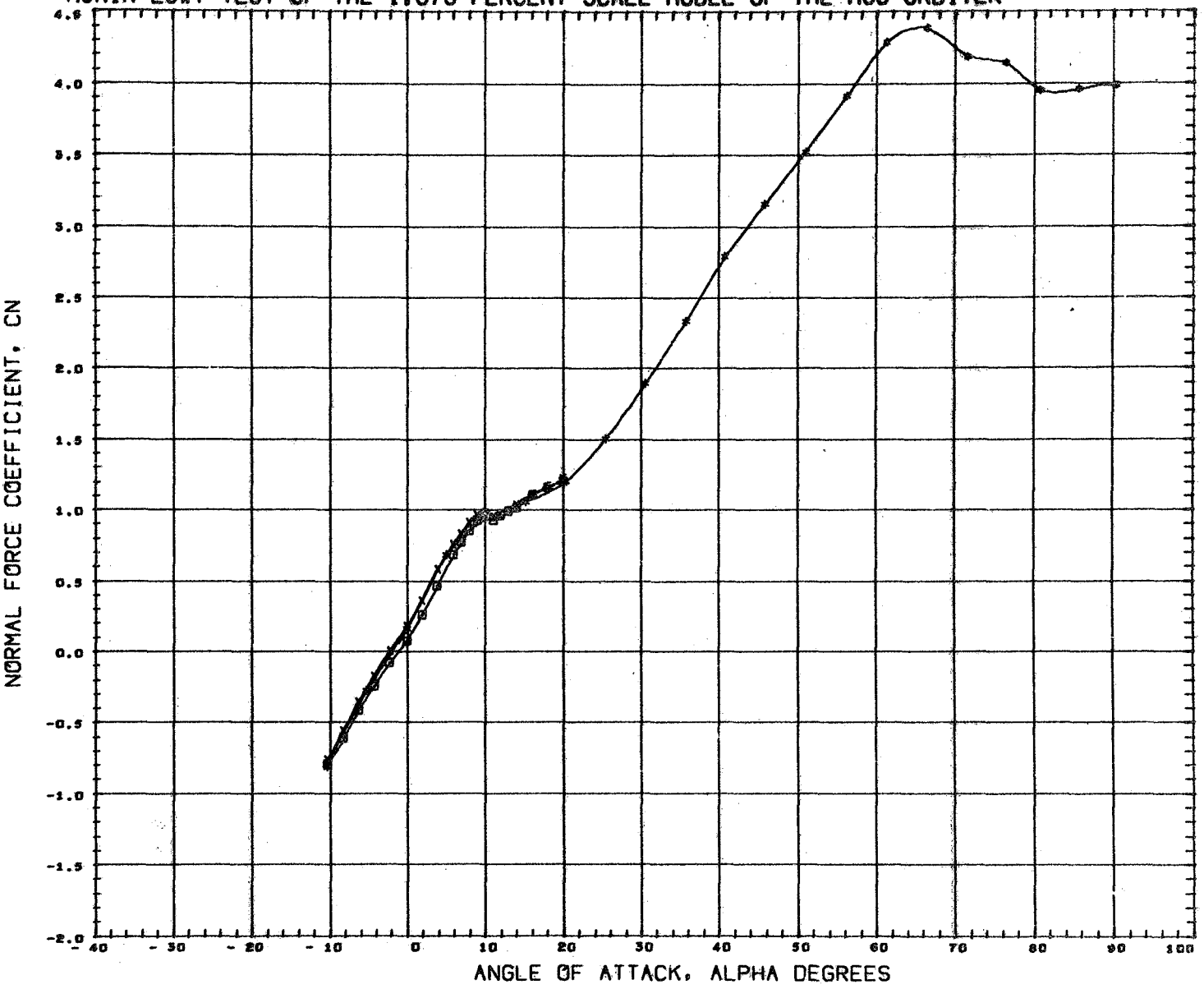
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(BC1F17)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6S2V3W1	(BC1083)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6S3V3W1	(BC1084)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



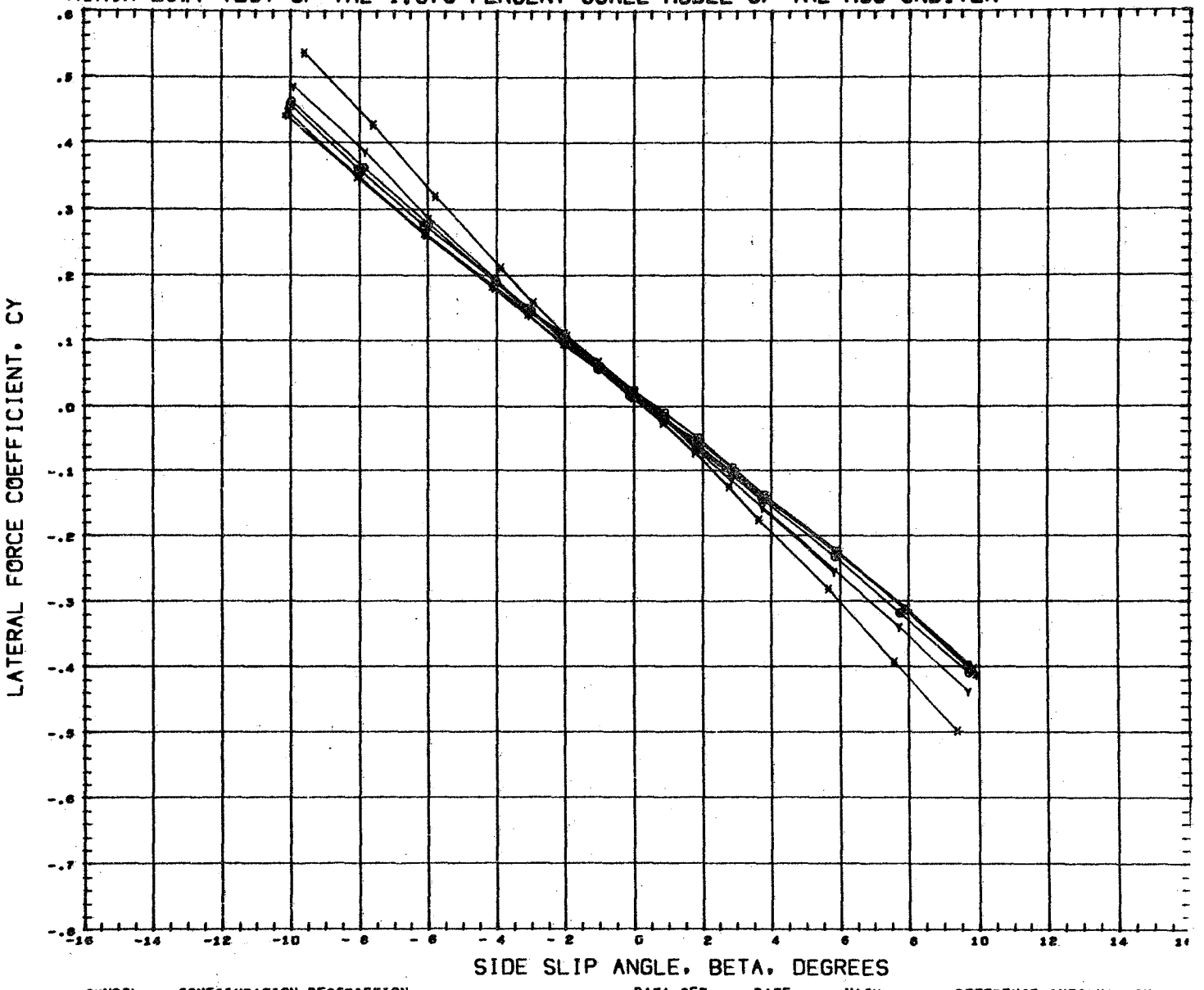
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(AC1F17)	28 JUL 70	0.170
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6S2V3W1	(AC1083)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6S3V3W1	(AC1084)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 57100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



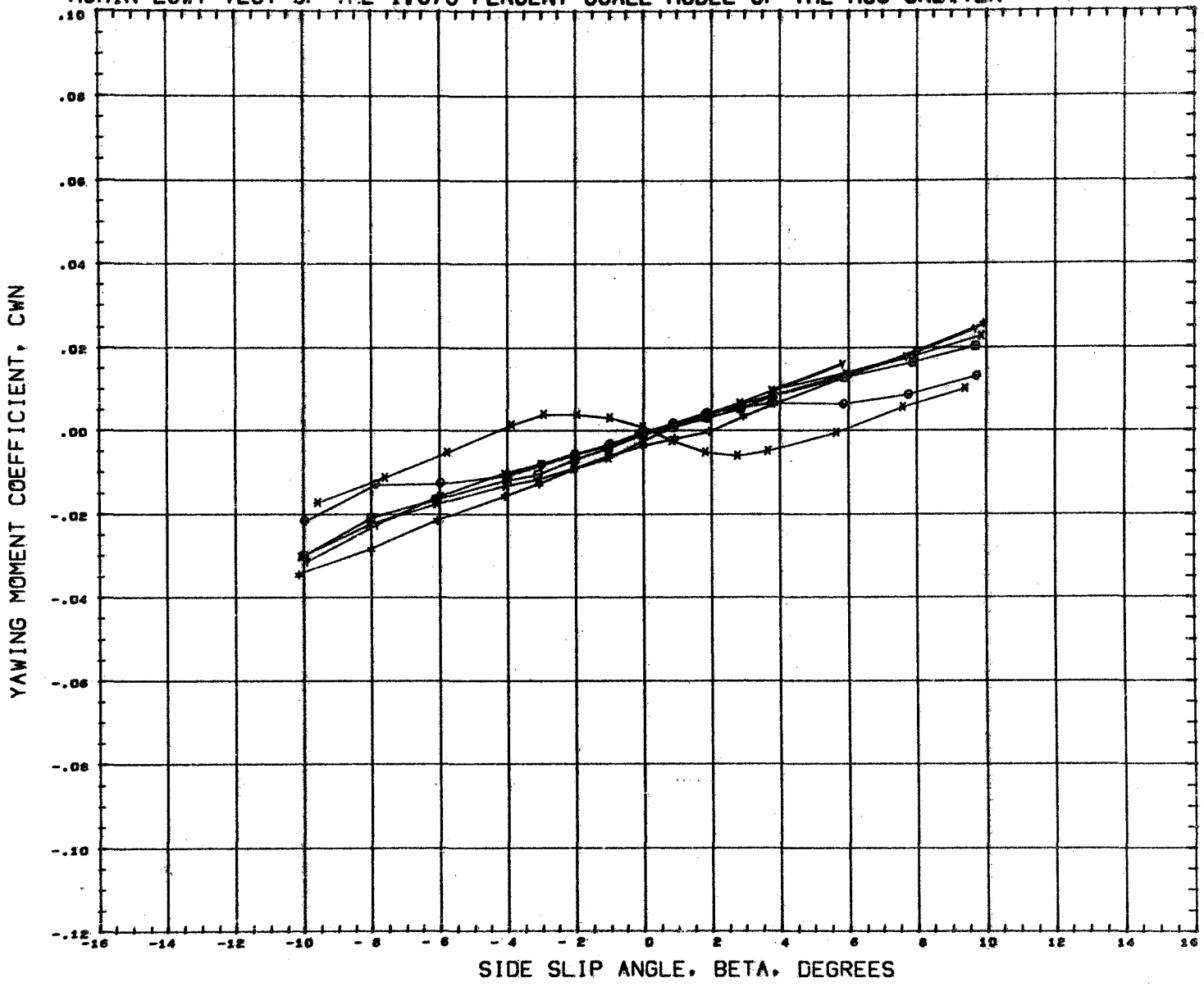
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F11)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F12)	28 JUL 70	
Ø	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F13)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F16)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F14)	28 JUL 70	
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F15)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



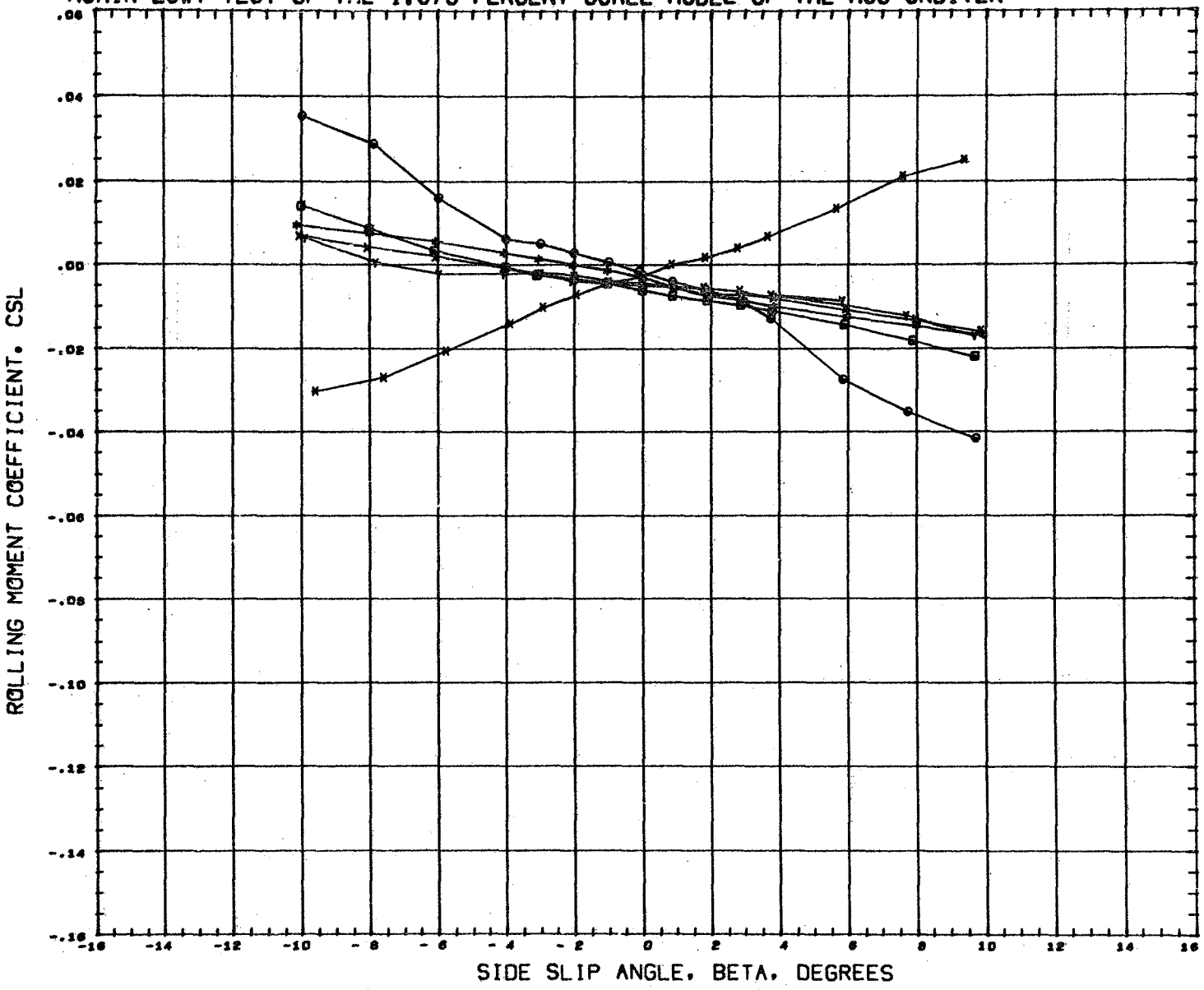
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F11)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F12)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F13)	28 JUL 70	
⊙	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F16)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F14)	28 JUL 70	
X	L3WT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F15)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	5.20600×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



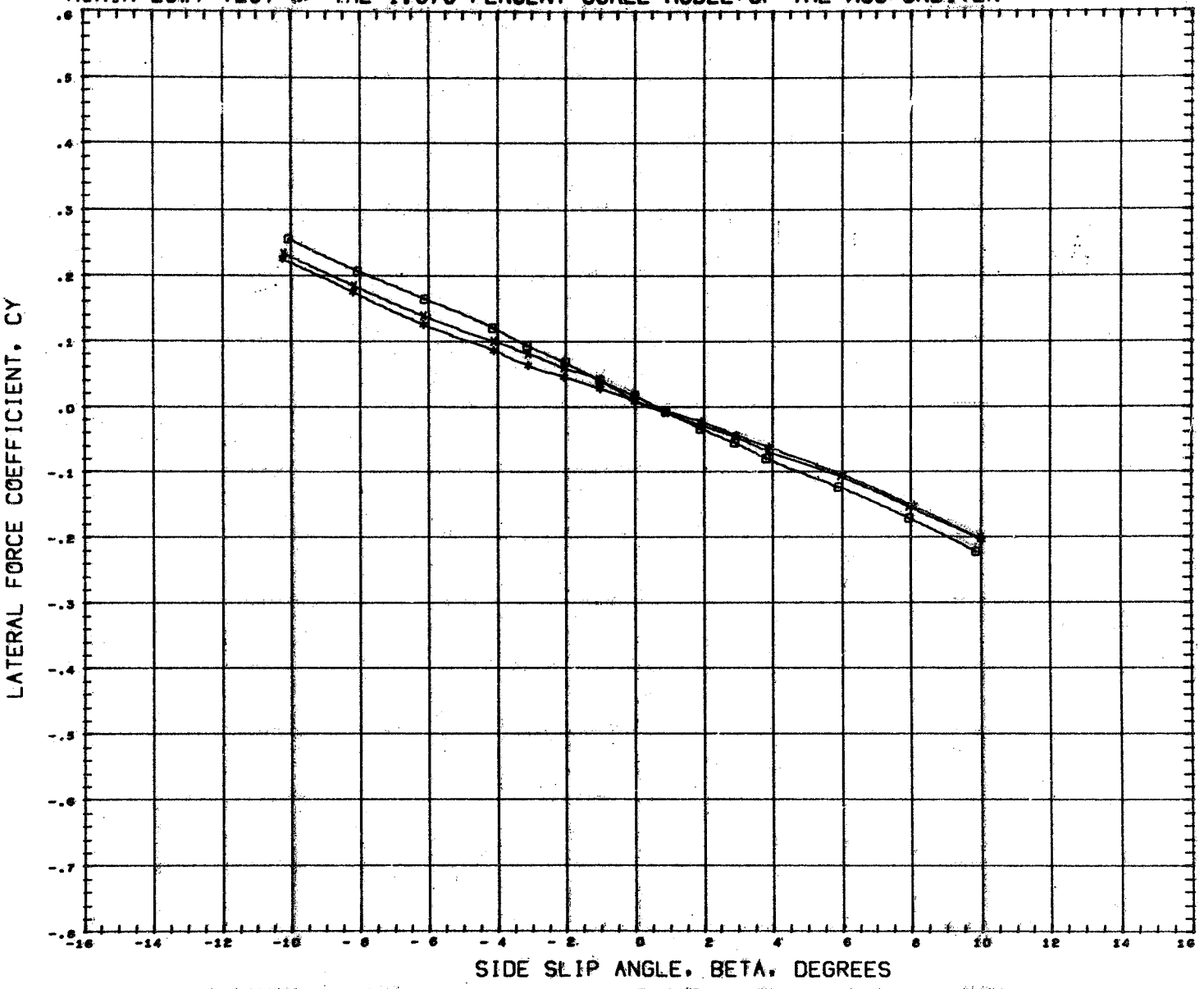
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F11)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F12)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F13)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F16)	28 JUL 70	
Y	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F14)	28 JUL 70	
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD)	(RC1F15)	28 JUL 70	

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



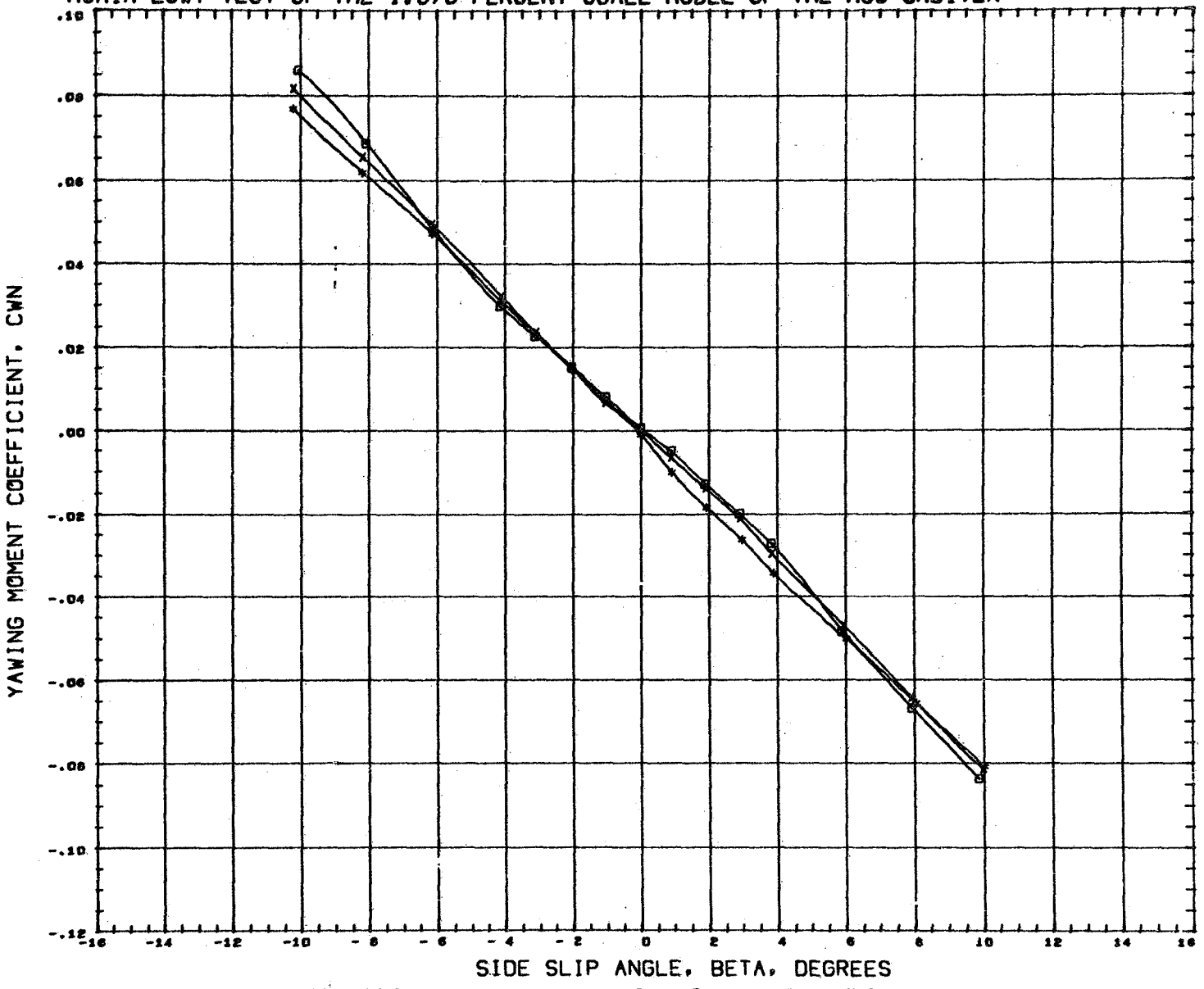
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(RC1057)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(RC1056)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(RC1055)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



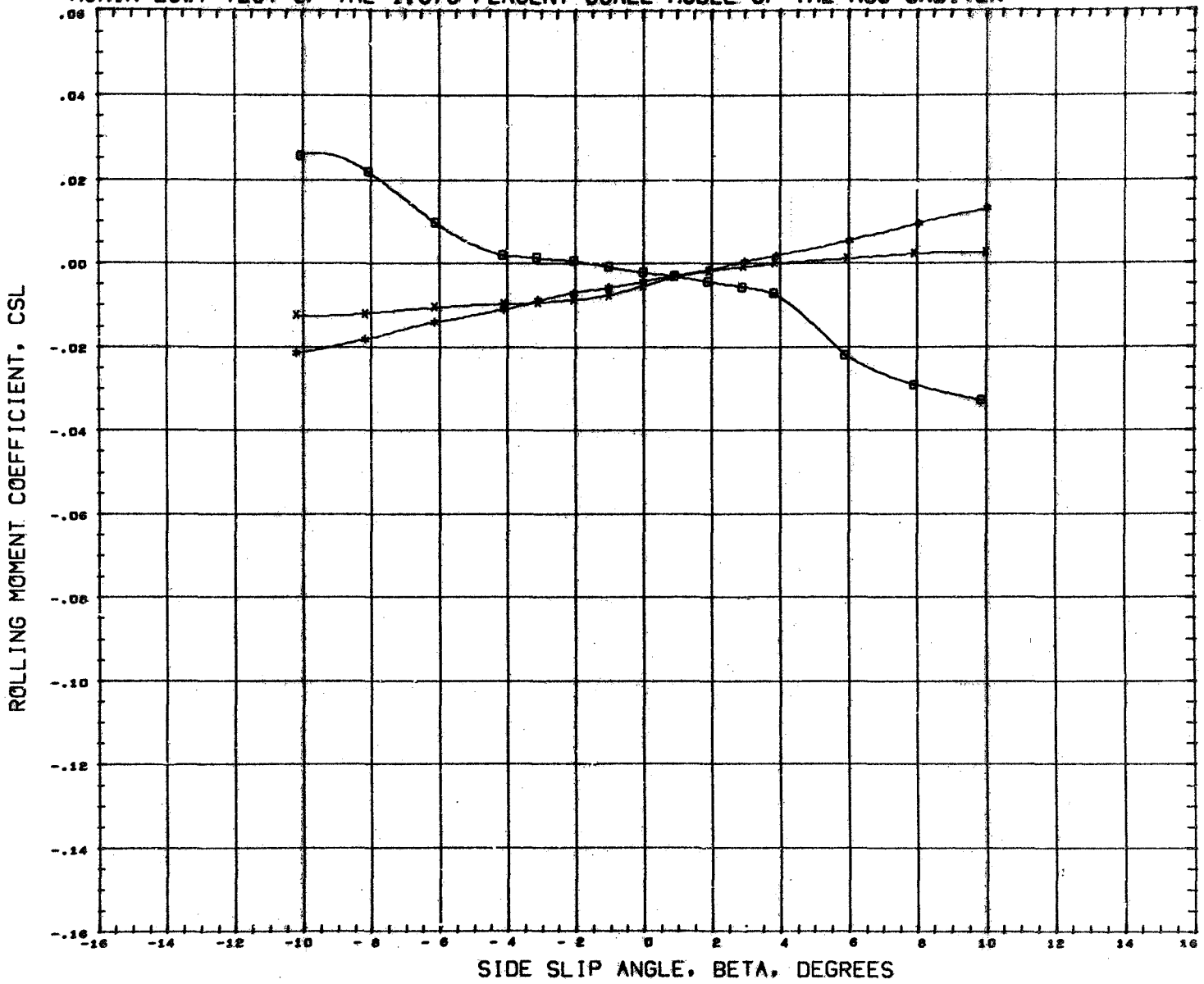
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(RC1057)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(RC1056)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(RC1055)	28 JUL 70	

REFERENCE INFORMATION

REFS	5.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



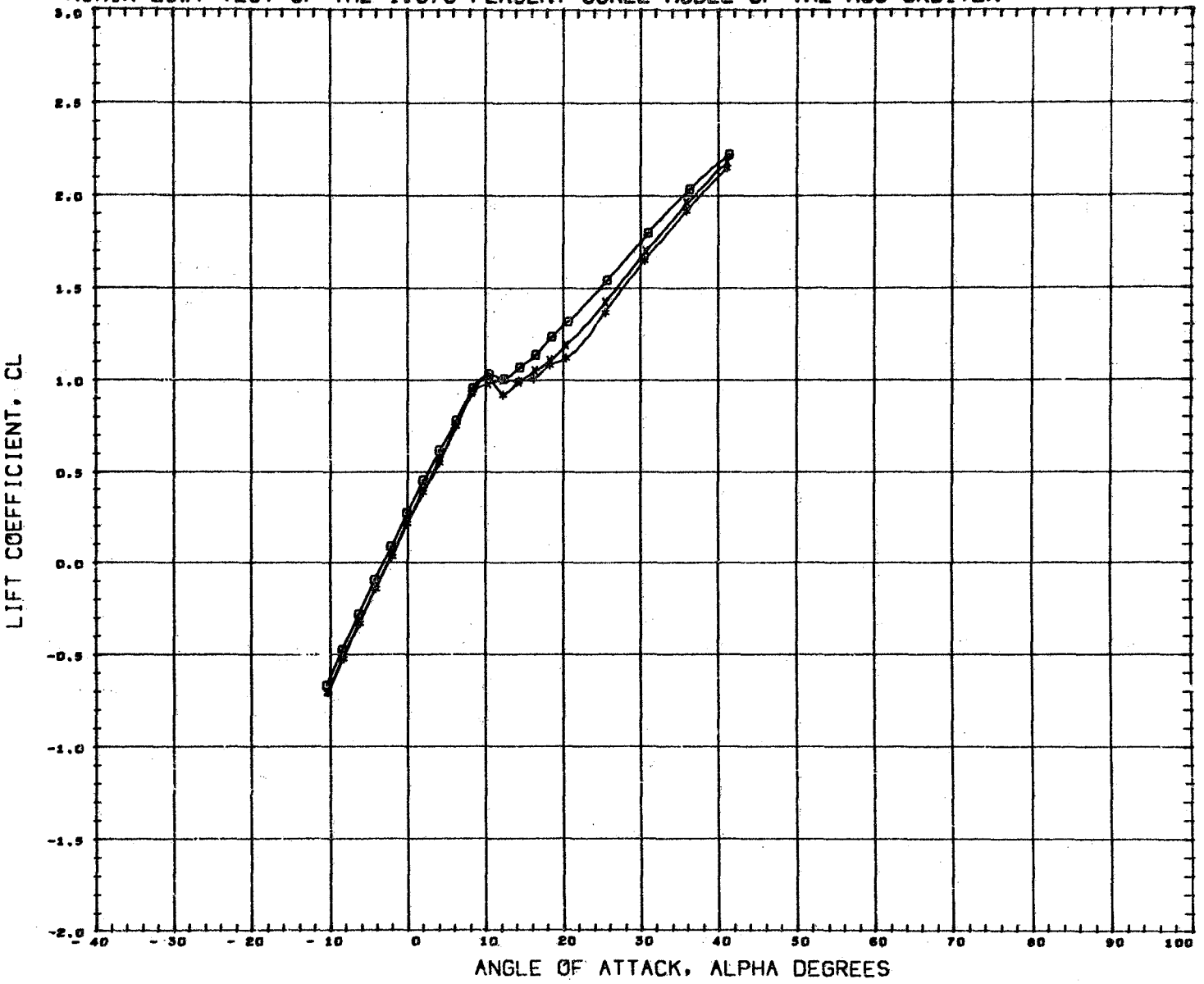
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(RC1057)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(RC1056)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(RC1055)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.36370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



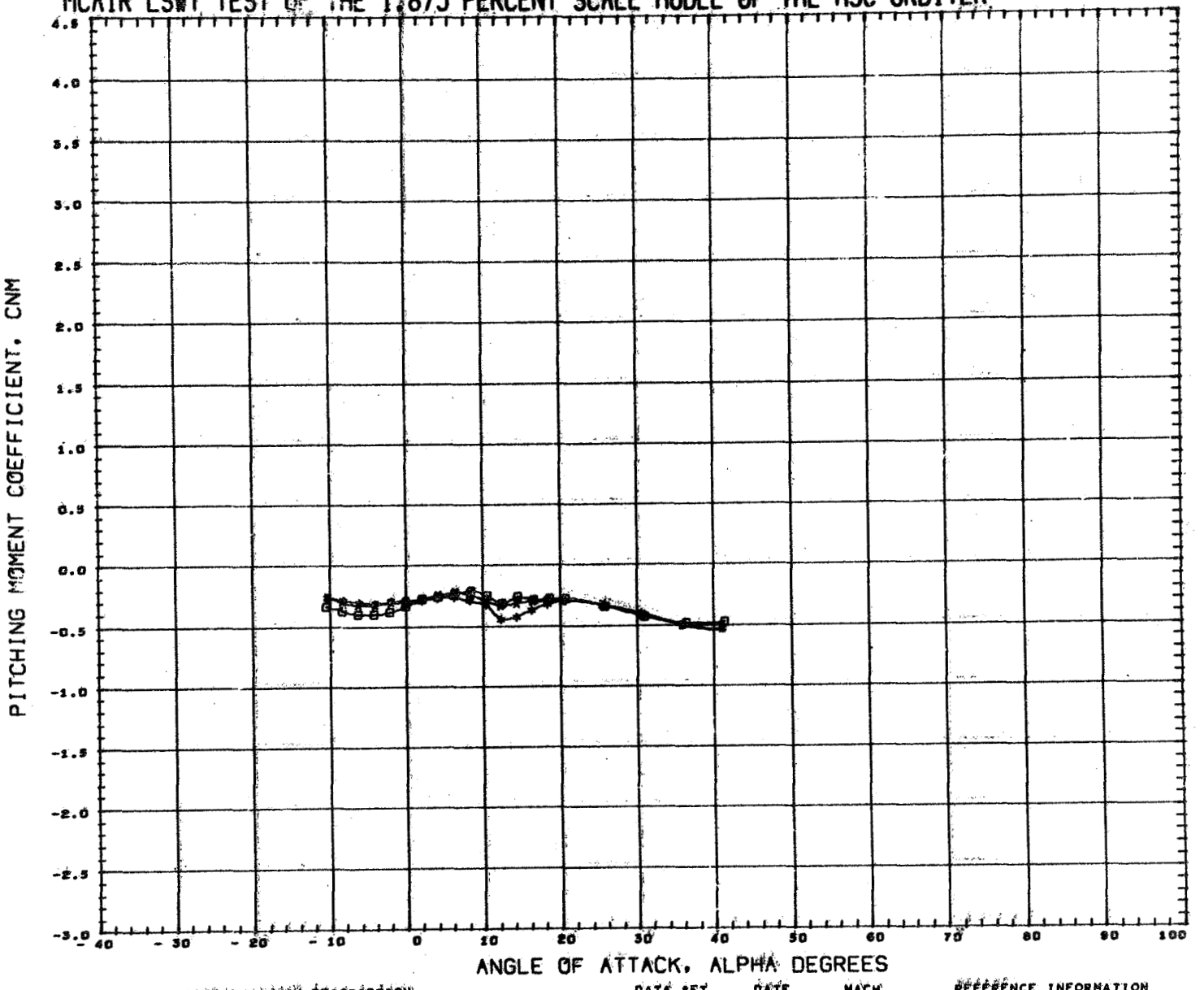
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1053)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1054)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



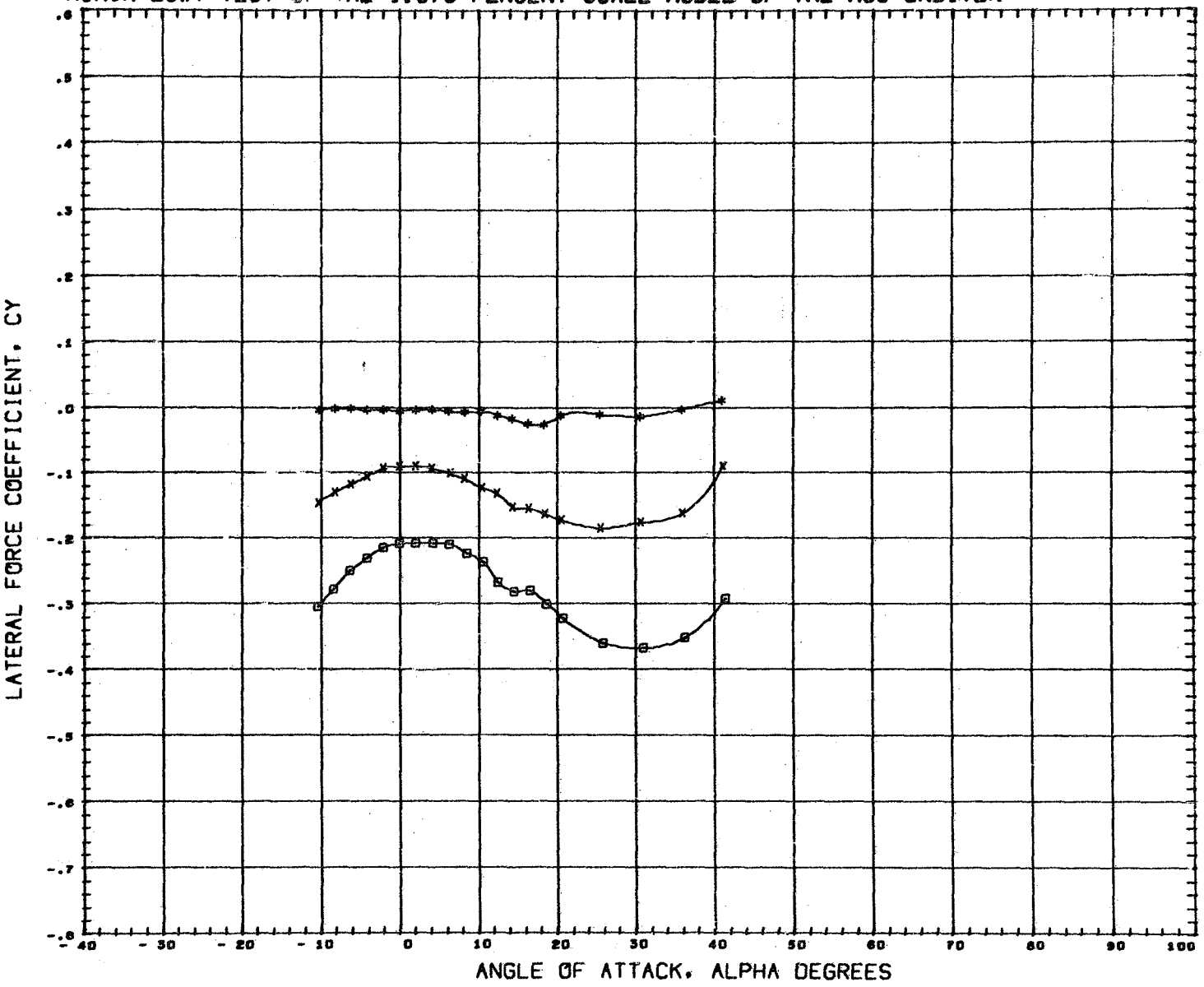
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1053)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1054)	28 JUL 70	

REFERENCE INFORMATION

REFS	5.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



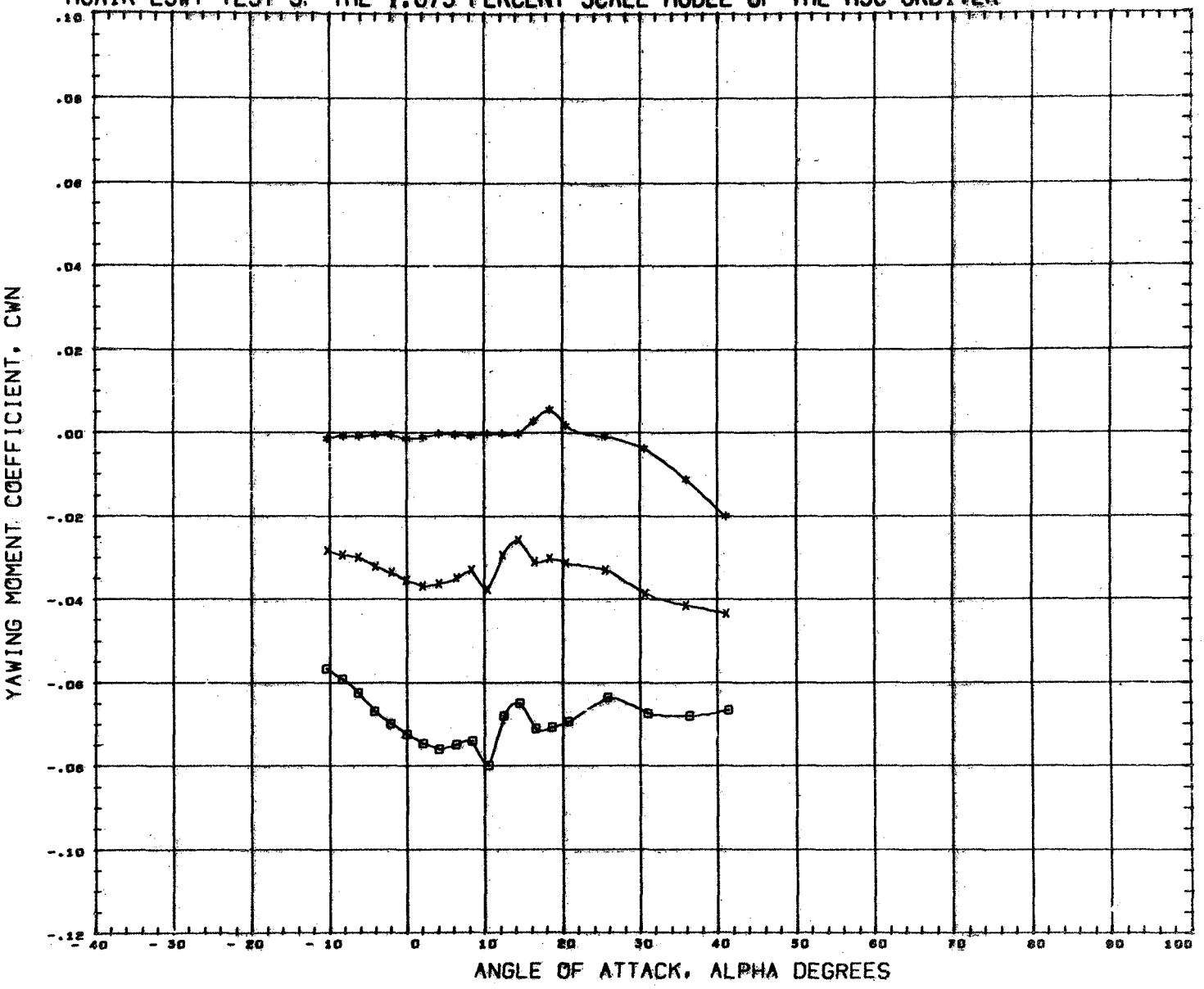
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1053)	28 JUL 70	
G	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1054)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



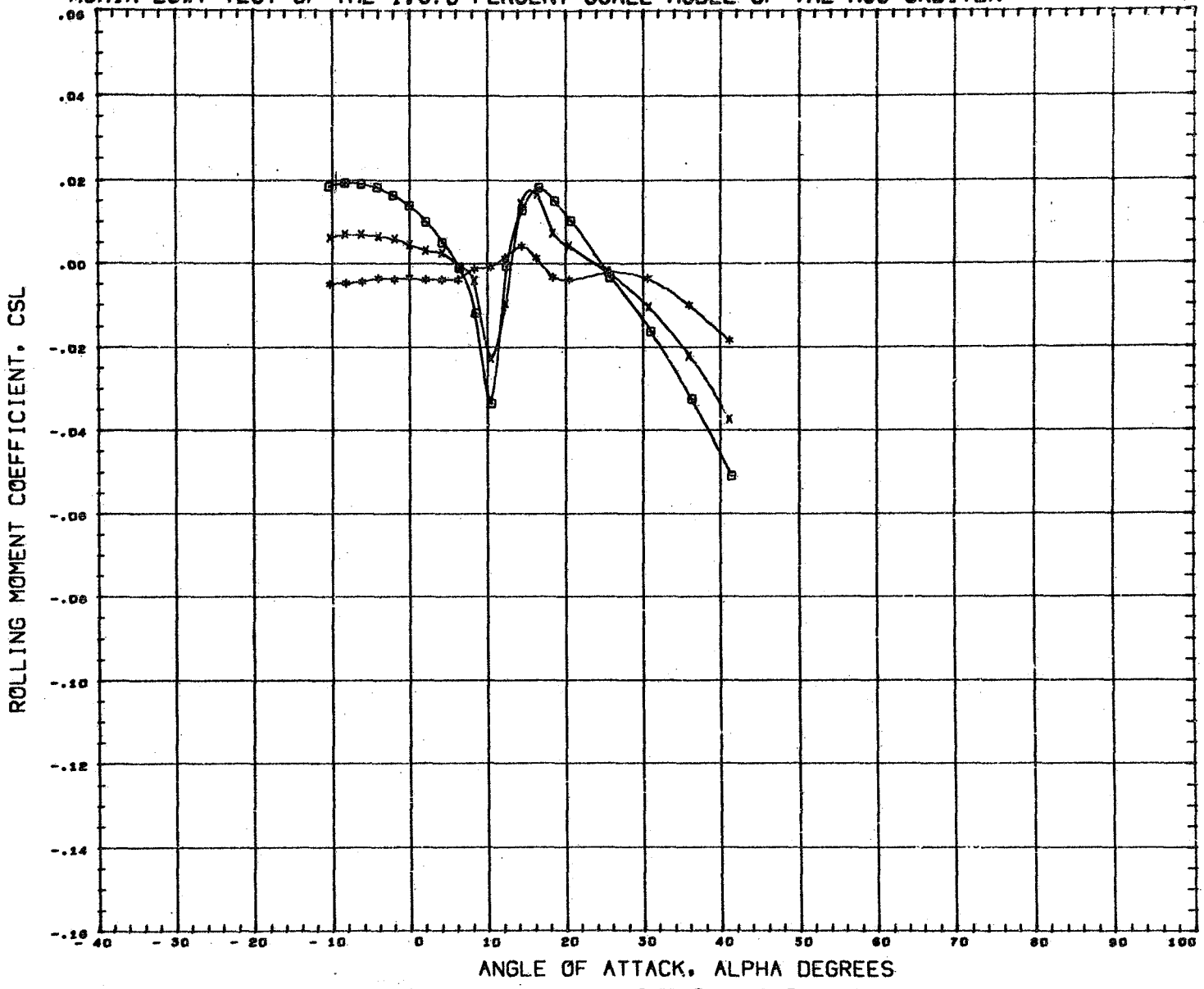
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1053)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1054)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



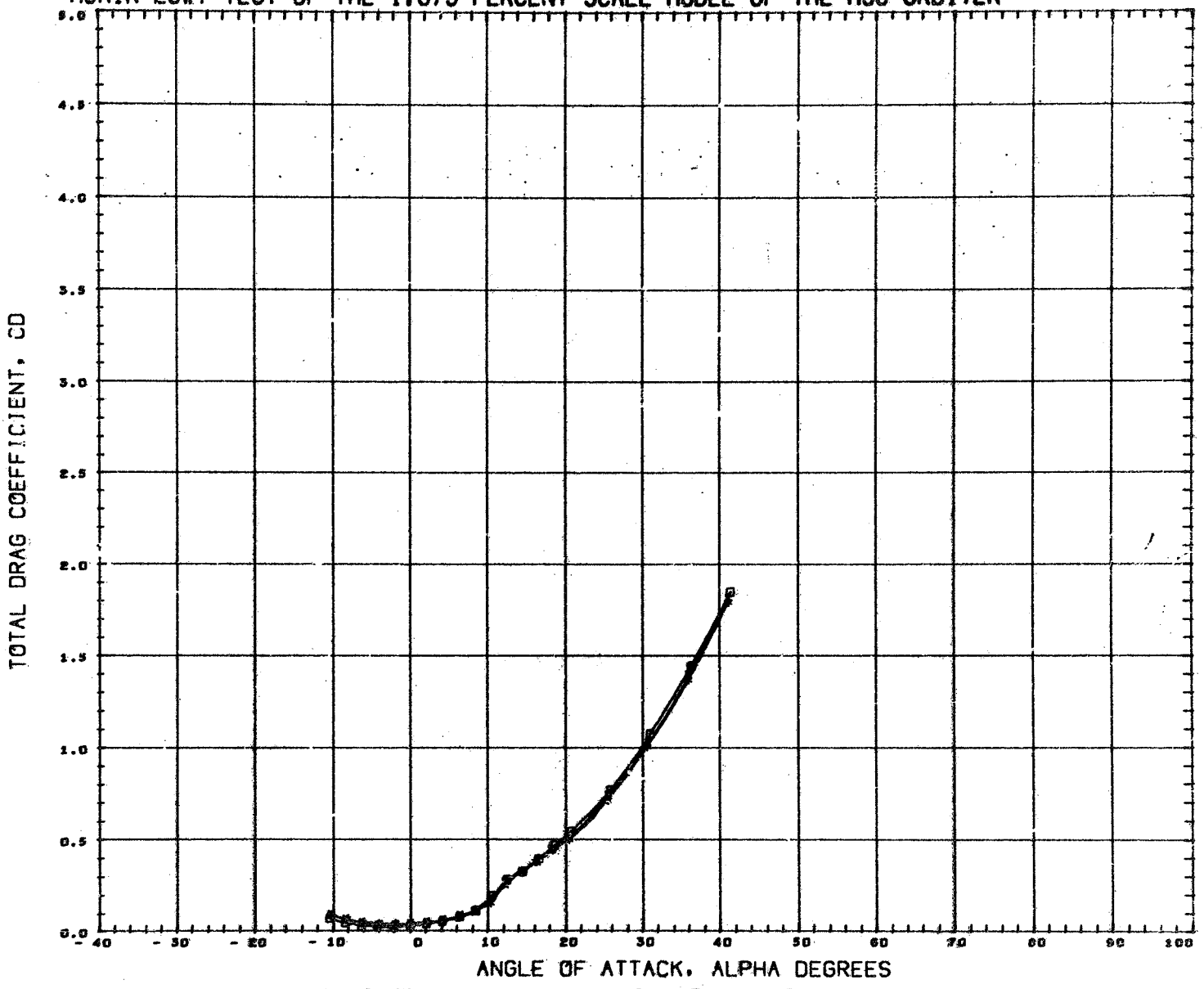
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1053)	28 JUL 70	
⊡	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1054)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
RFFL	$2.31700 \times 10^{+00}$	FT.
RL	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



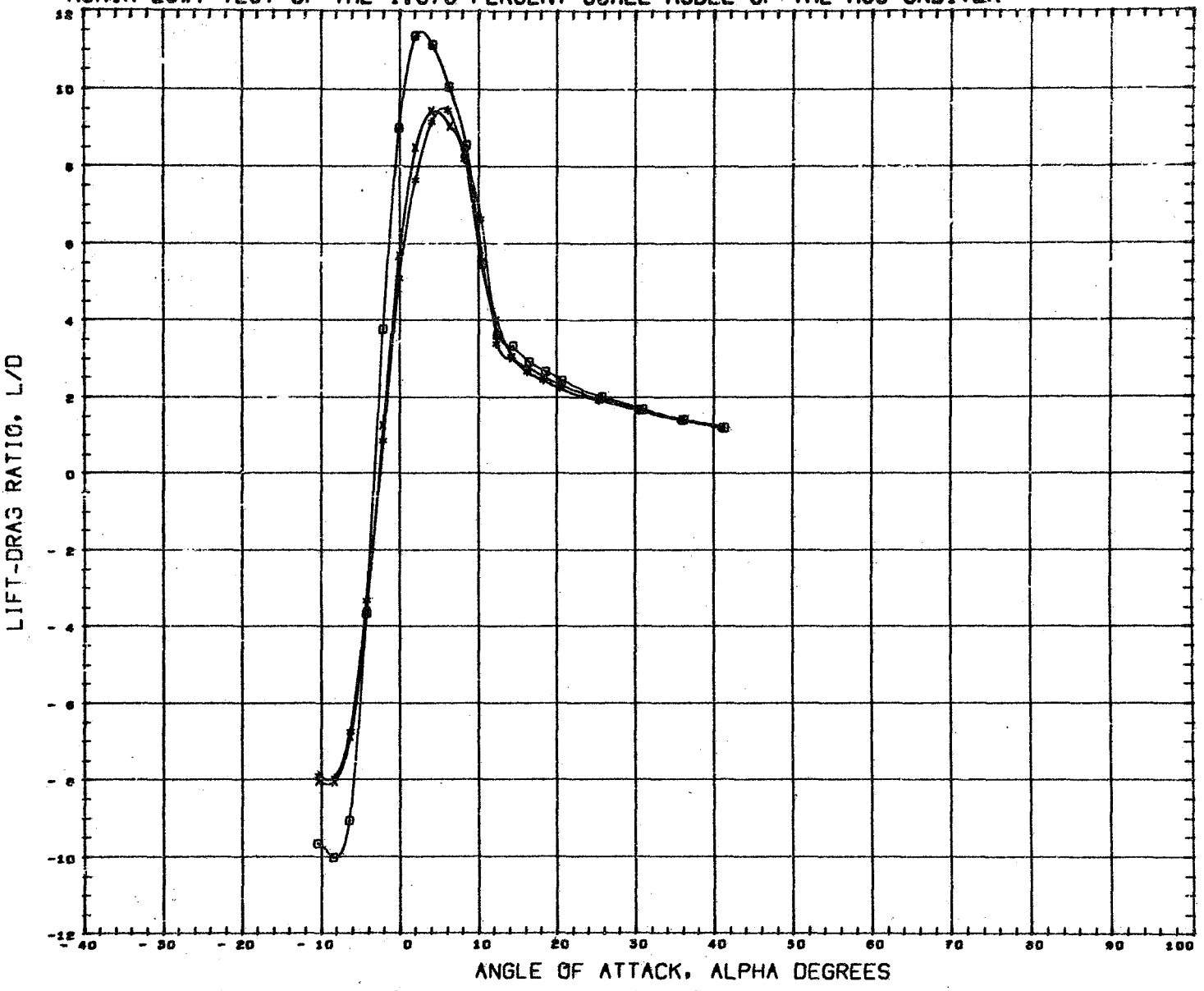
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1053)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1054)	28 JUL 70	

REFERENCE INFORMATION

REFS	5.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



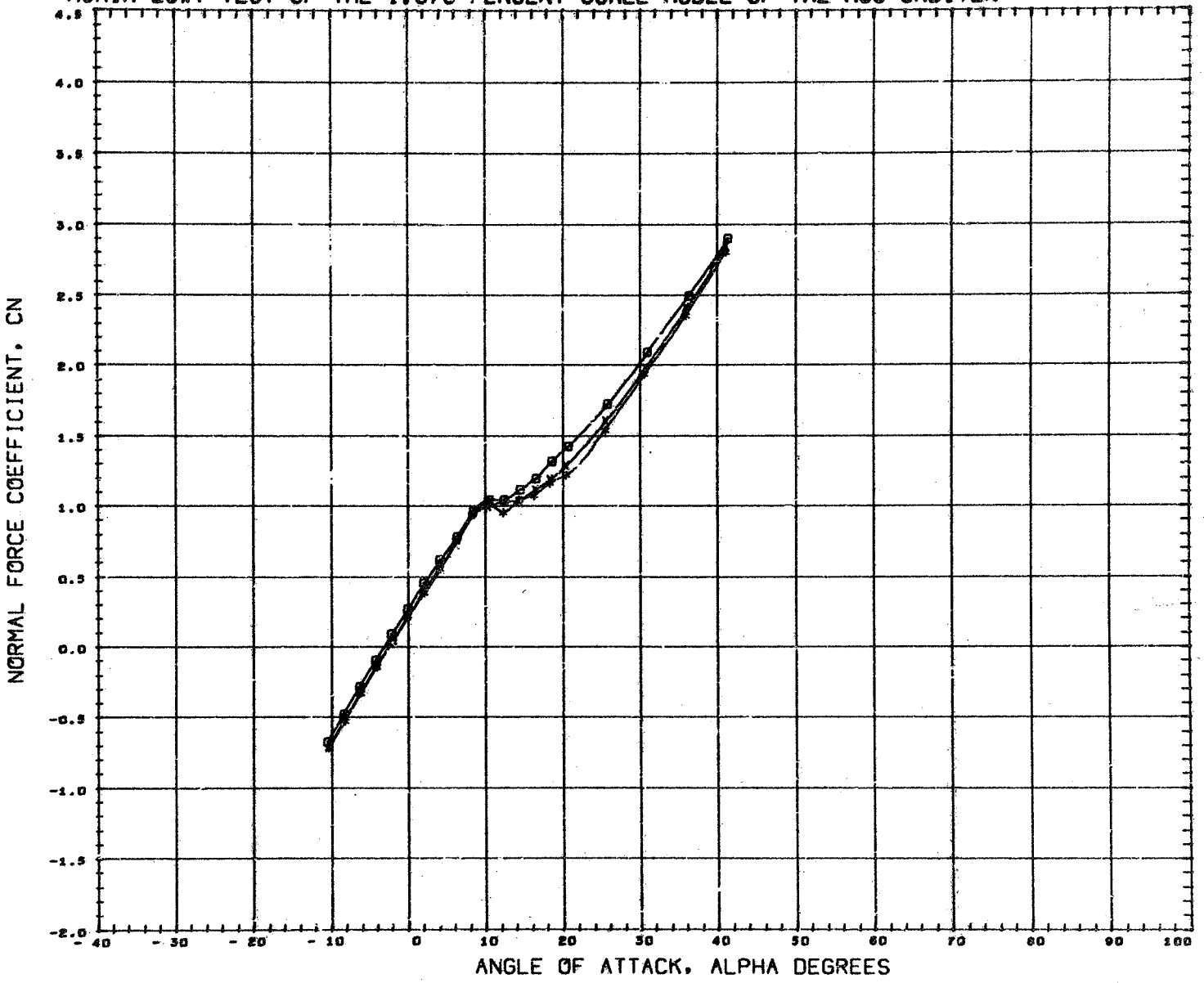
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1050)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1053)	28 JUL 70	
@	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(BC1054)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

REFERENCE FILE SDY 37100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



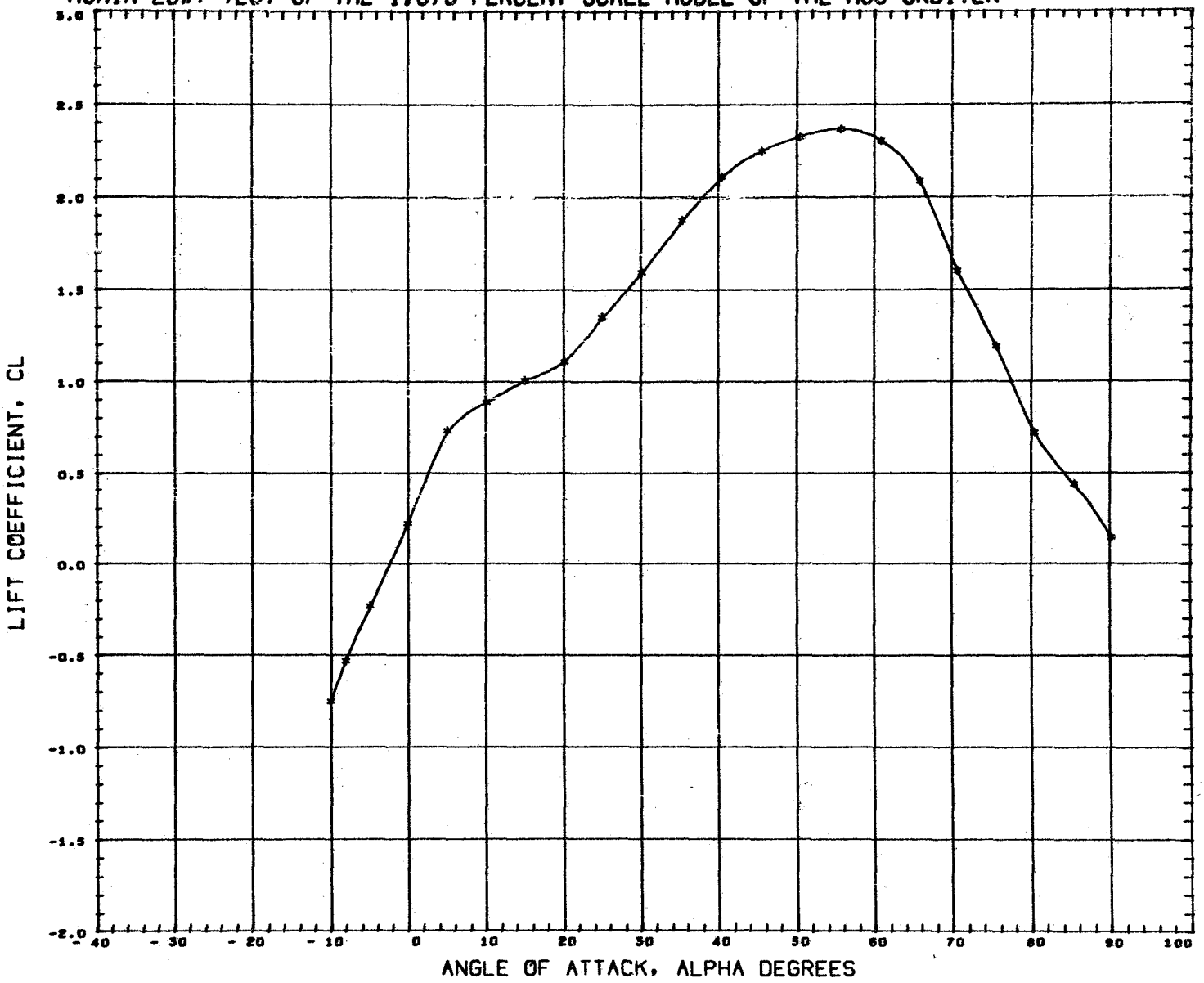
SYMBOL	CONFIGURATION DESCRIPTION	DATA SET	DATE	MACH
*	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(AC1050)	28 JUL 70	0.250
X	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(AC1053)	28 JUL 70	
O	LSWT 223 1.875 PC MOD S5 ORB. B1H6W1	(AC1054)	28 JUL 70	

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

REFERENCE FILE SDY 3.100150

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	0.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGLO	12.211		

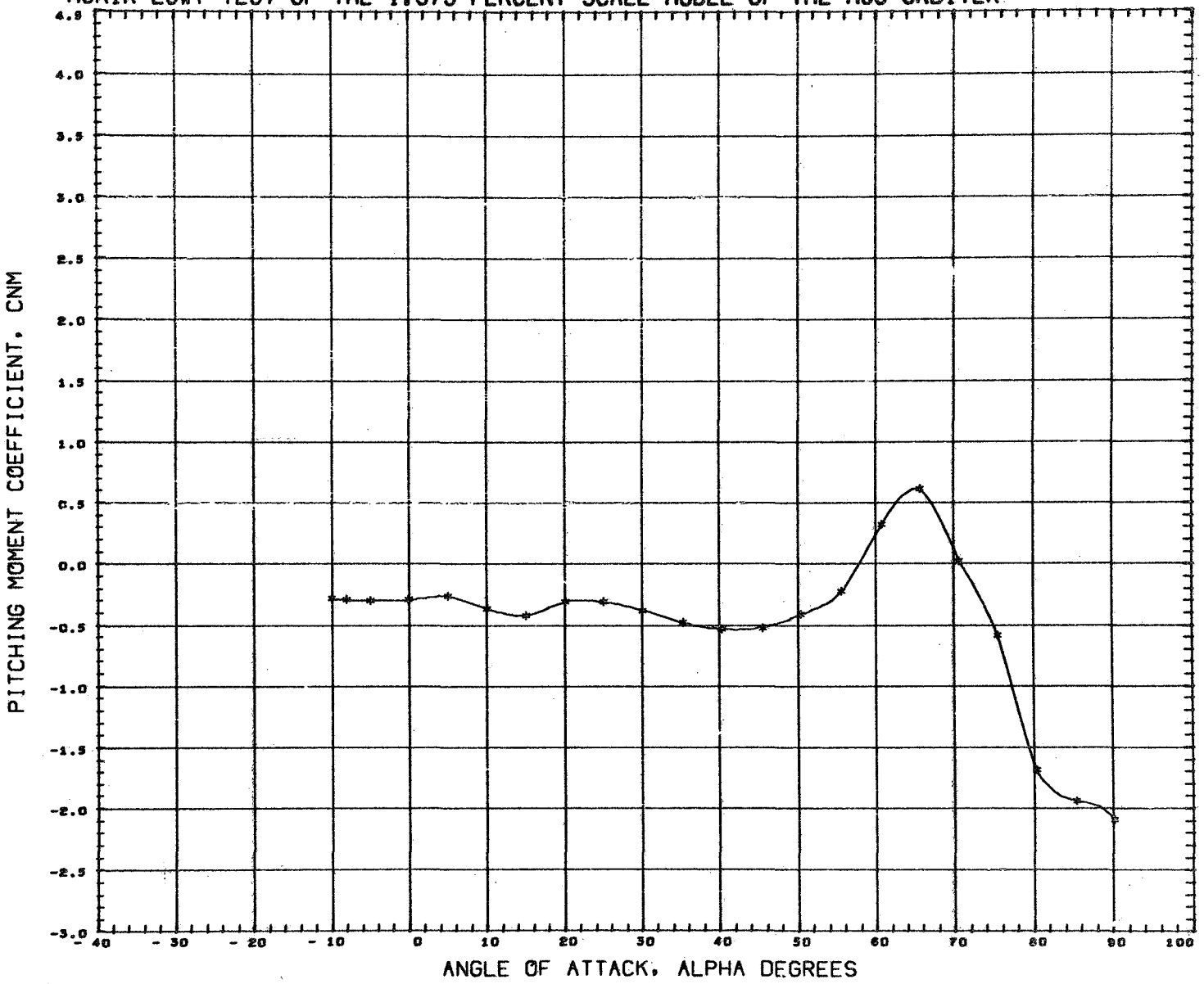
REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD) (RC1F09) 28 JUL 70 PAGE 167

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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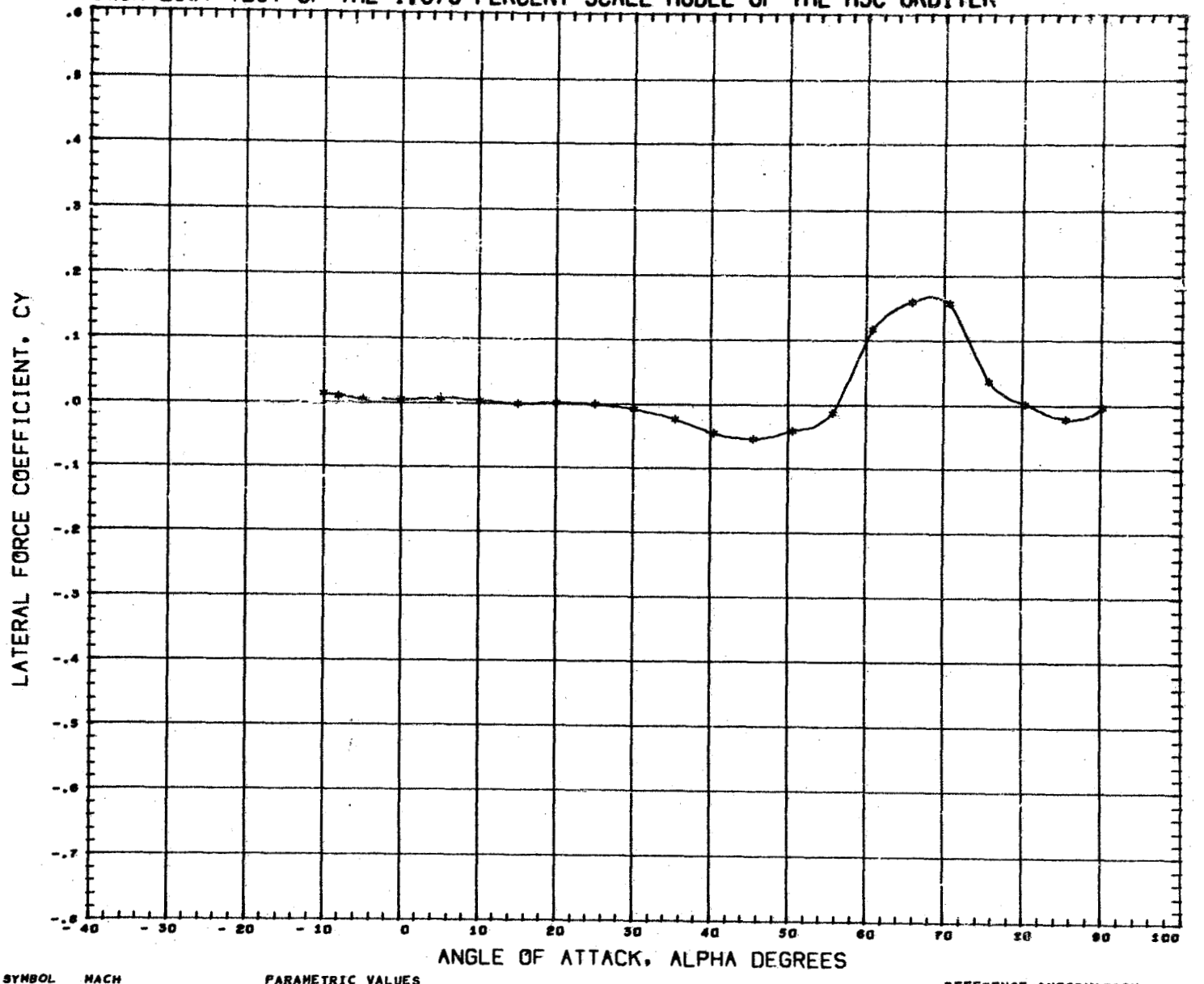
		ELEVTR	0.000	PHI	0.000
		WINGLO	12.211		

REFERENCE FILE SDY 37100550

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



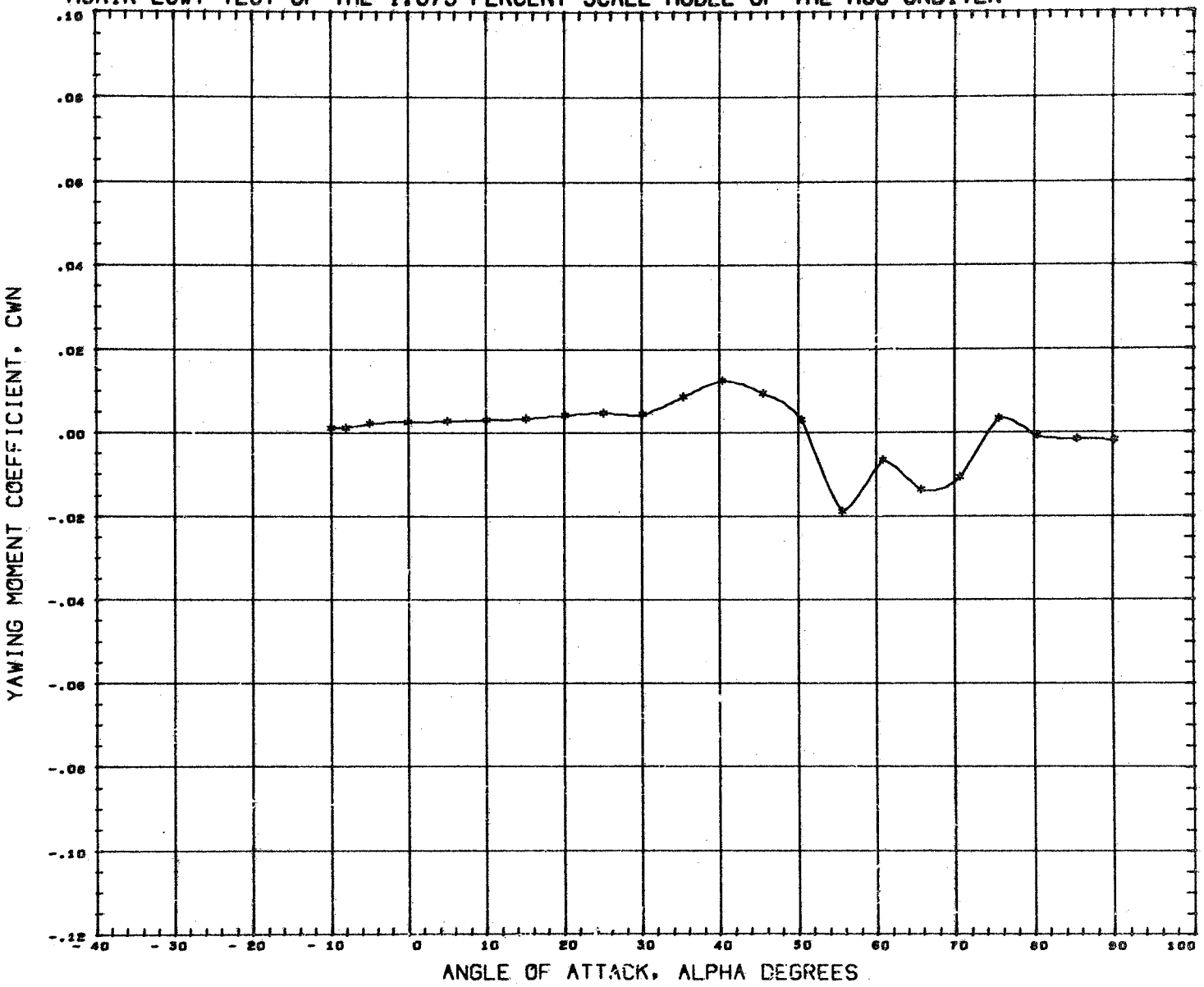
SYMBOL	MACH		PARAMETRIC VALUES		
*	0.170	BETA	0.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGLO	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



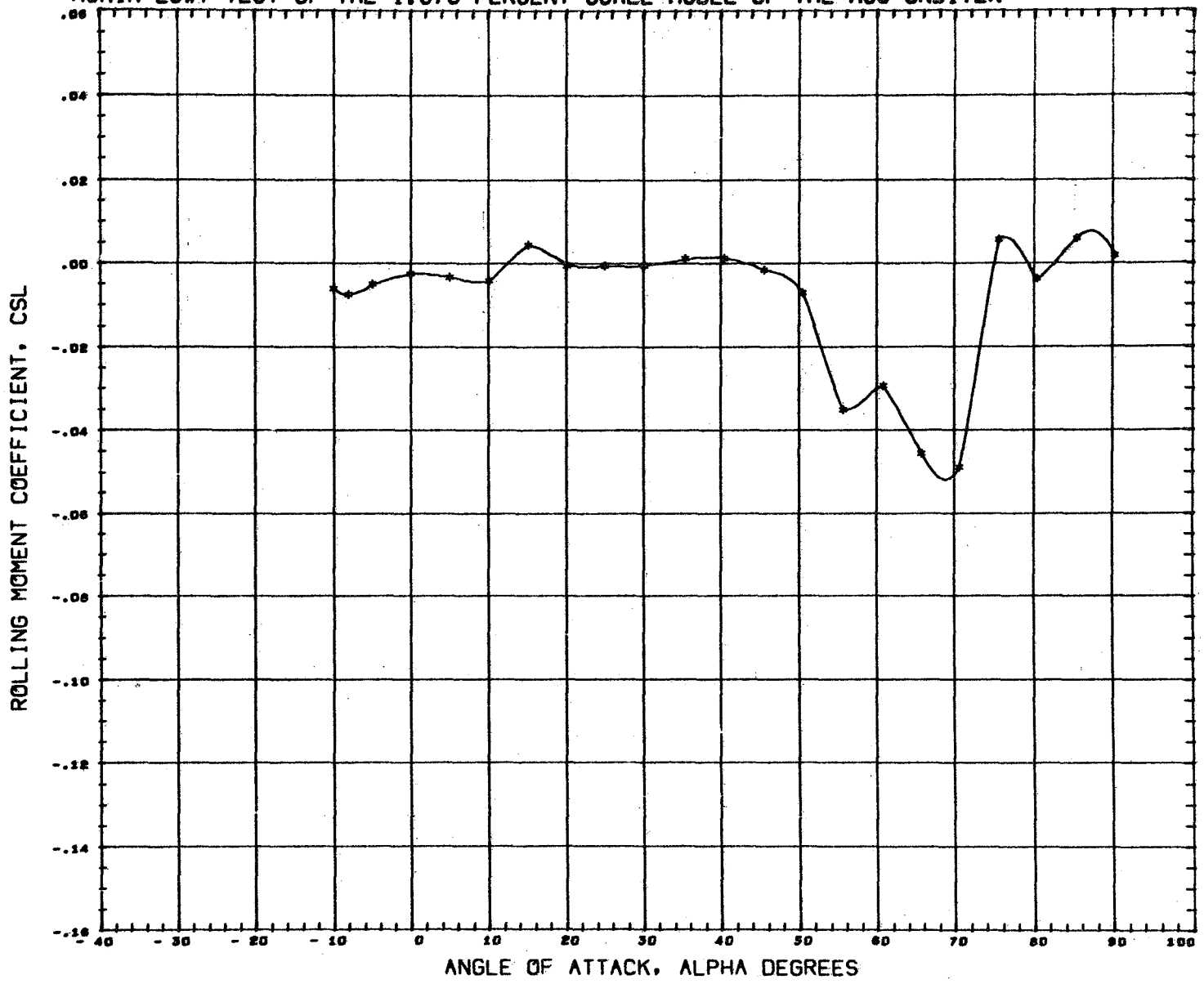
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	0.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGLO	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	5.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



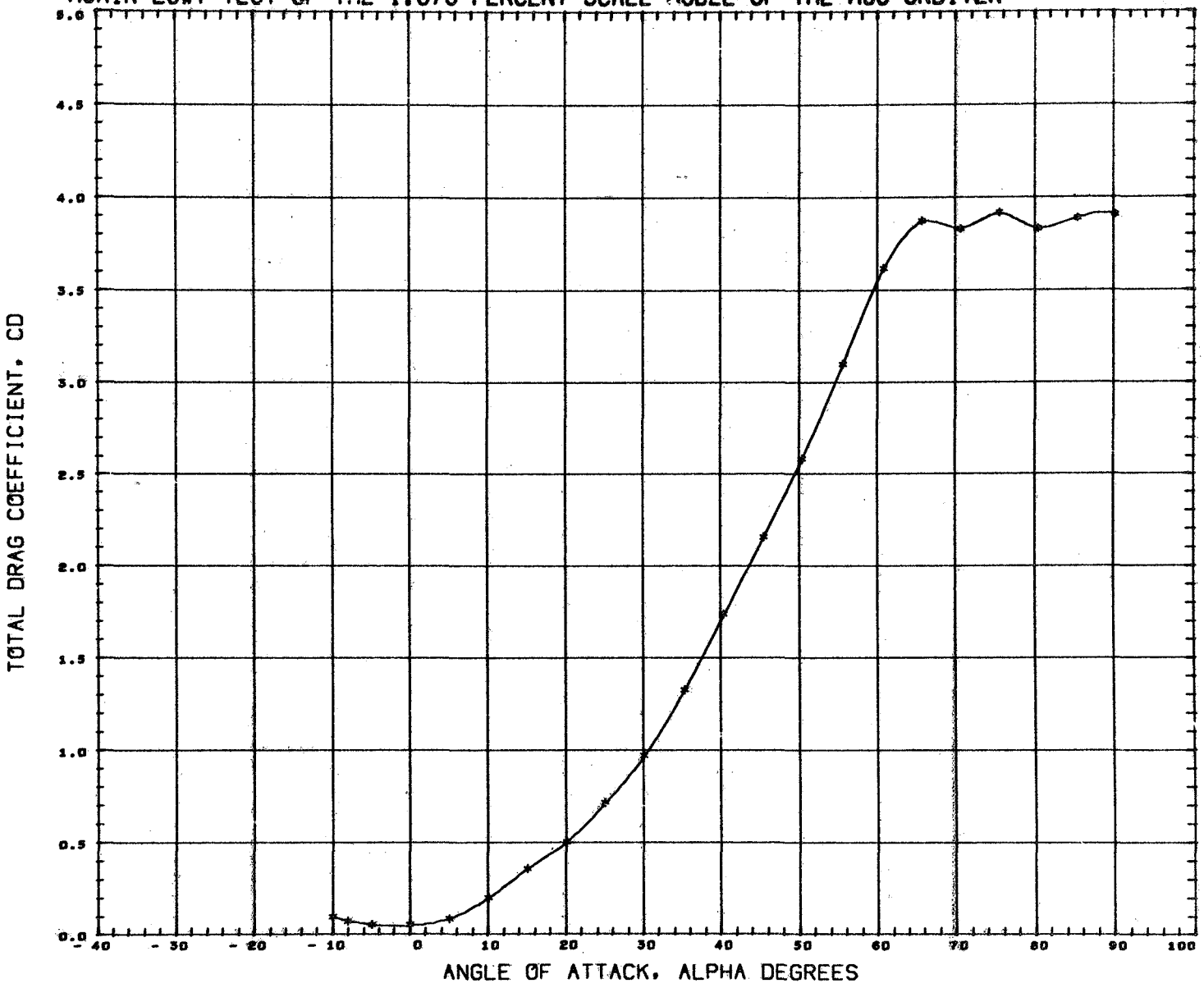
SYMBOL	MACH		PARAMETRIC VALUES		
●	0.170	BETA	0.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGLO	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH
*	0.170

PARAMETRIC VALUES

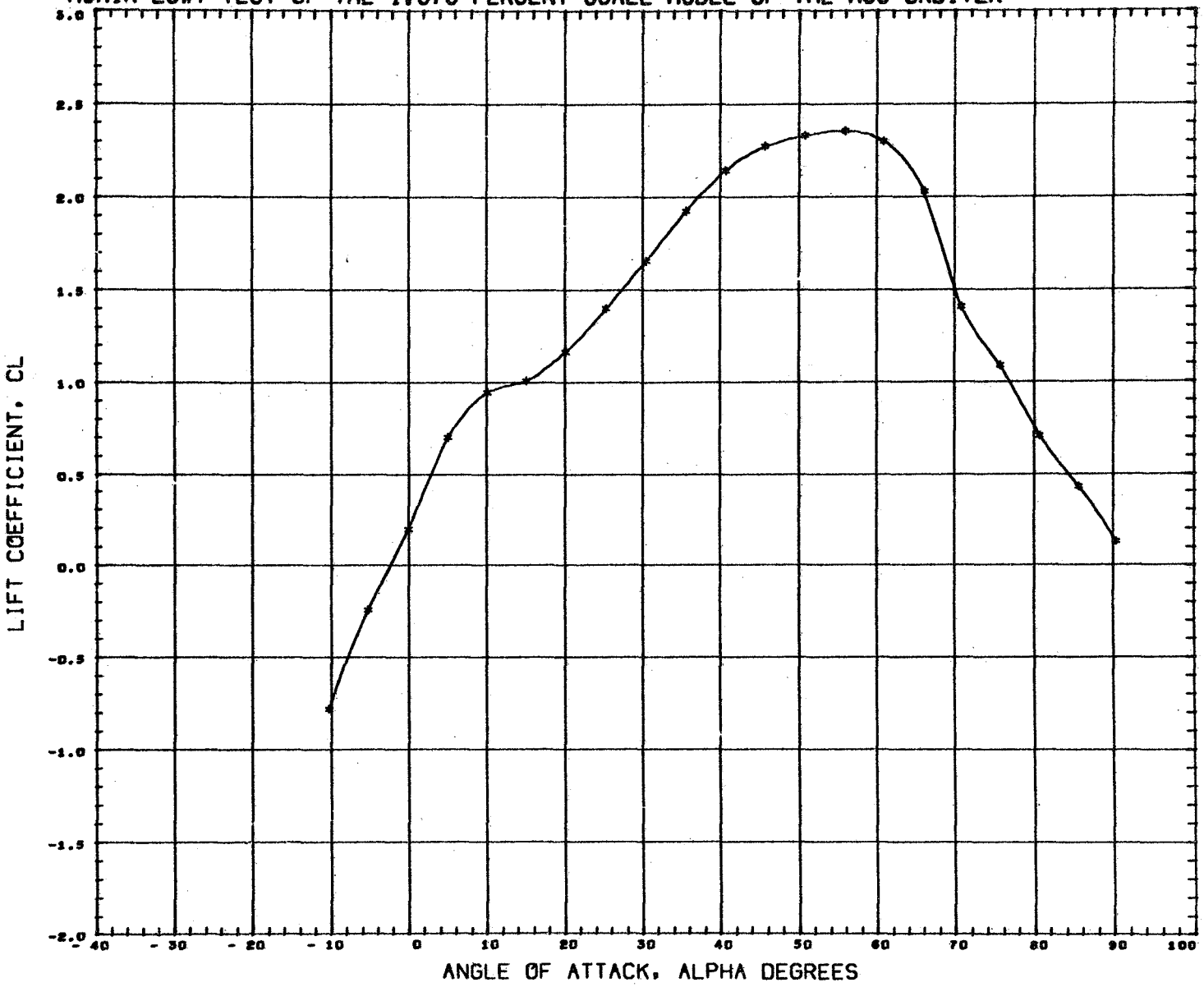
BETA	0.000	HTAIL	0.000
ELEVTR	0.000	PHI	0.000
WINGLO	12.211		

REFERENCE FILE SDY 57100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH
*	0.170

PARAMETRIC VALUES

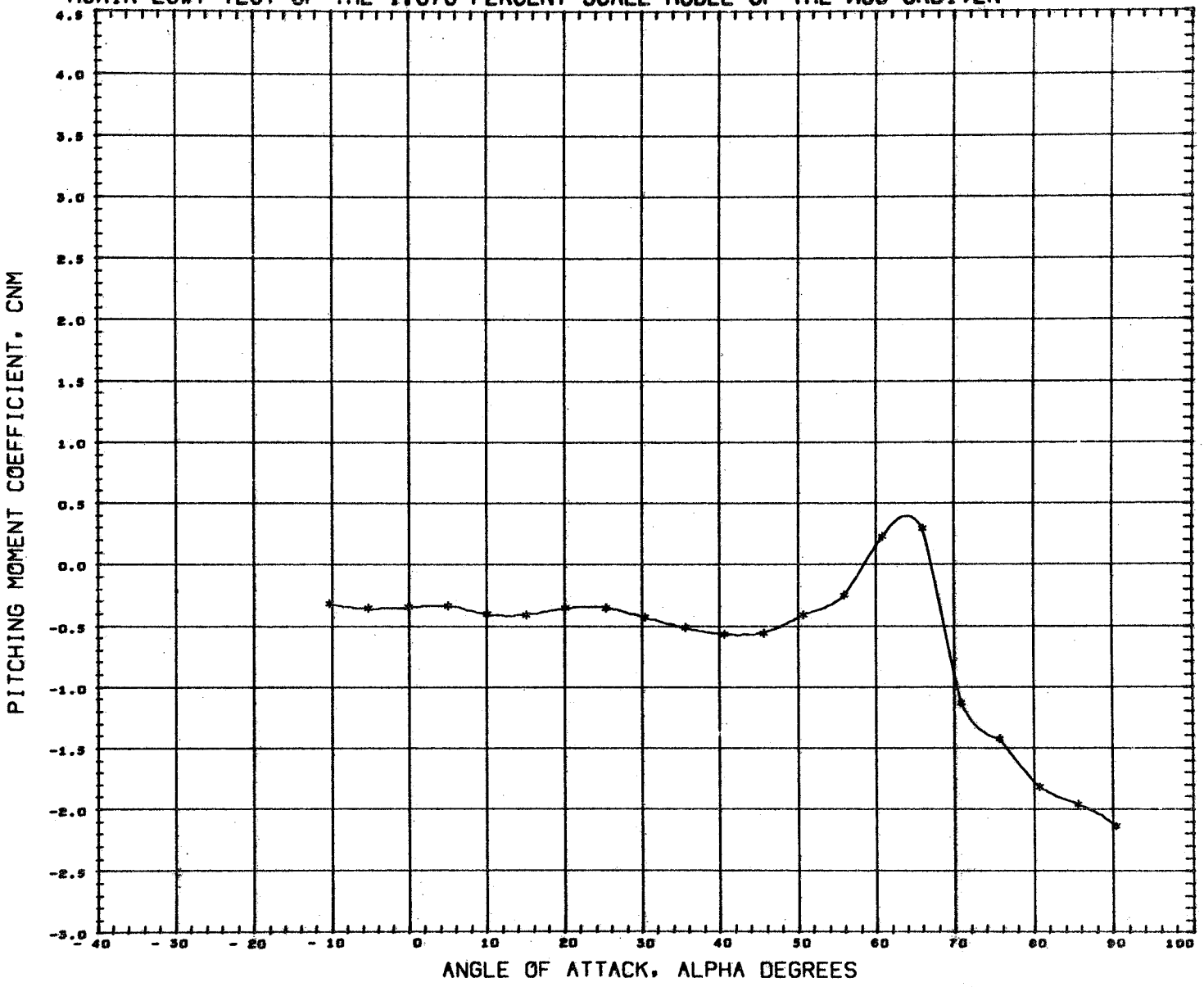
BETA	- 5.000	HTAIL	0.000
ELEVTR	0.000	PHI	90.000
WINGLO	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	$1.87500 \times 10^{}$	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER

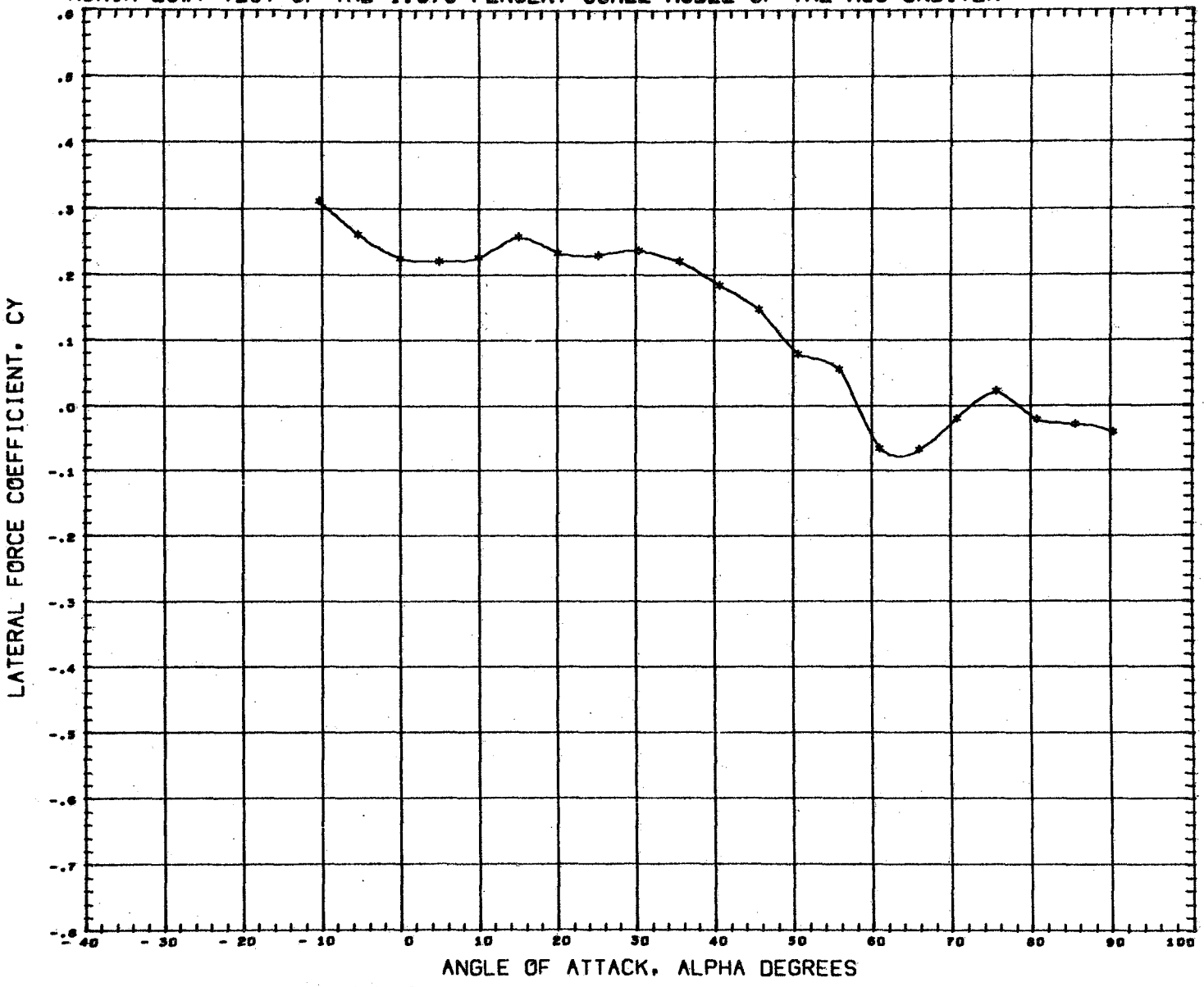


SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	- 5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	90.000
		WINGLO	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION		
REFS	3.20600×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH
*	0.170

PARAMETRIC VALUES

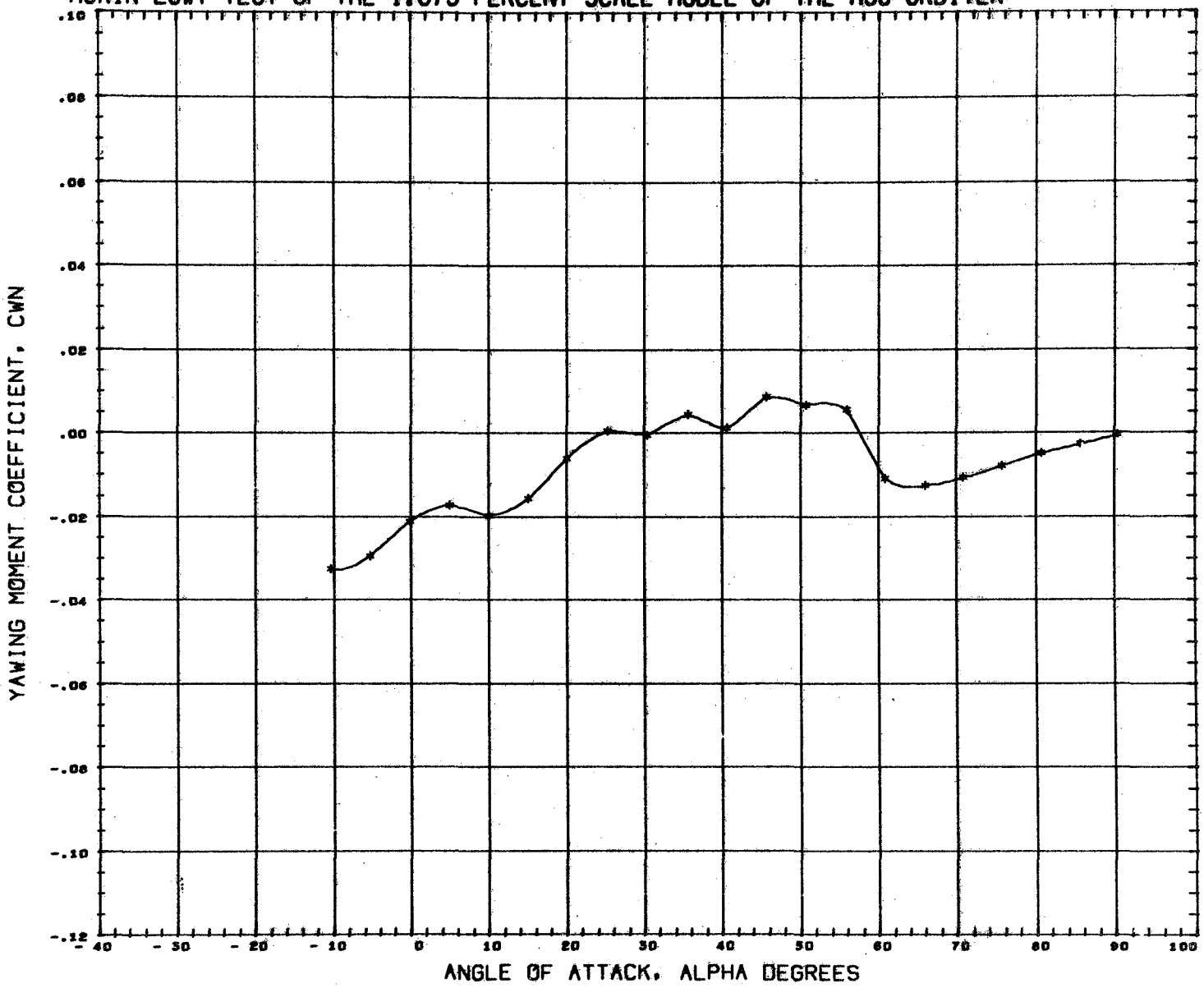
BETA	- 5.000	HTAIL	0.000
ELEVTR	0.000	PHI	90.000
WINGLO	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



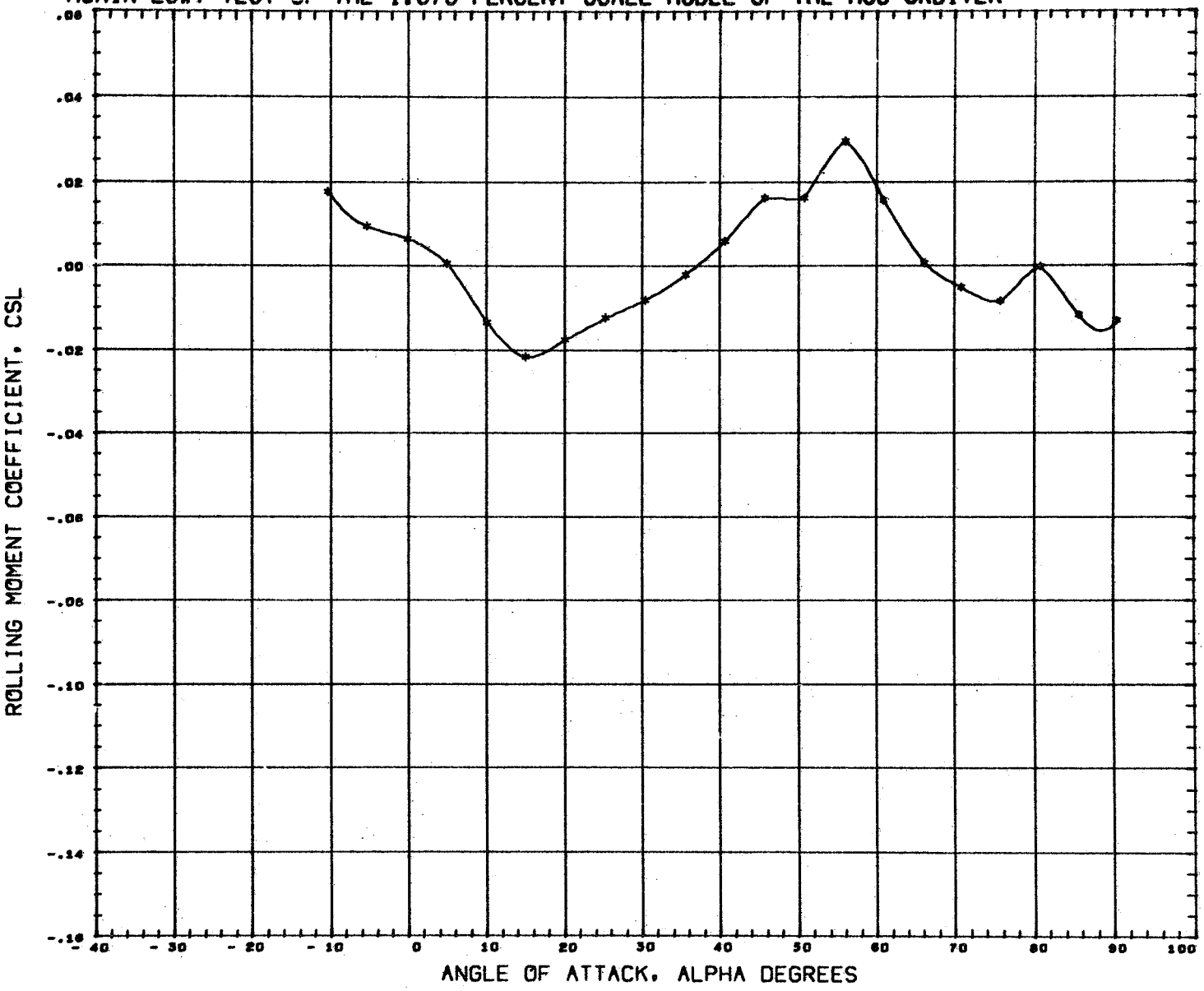
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	- 5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	90.000
		WINGLO	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



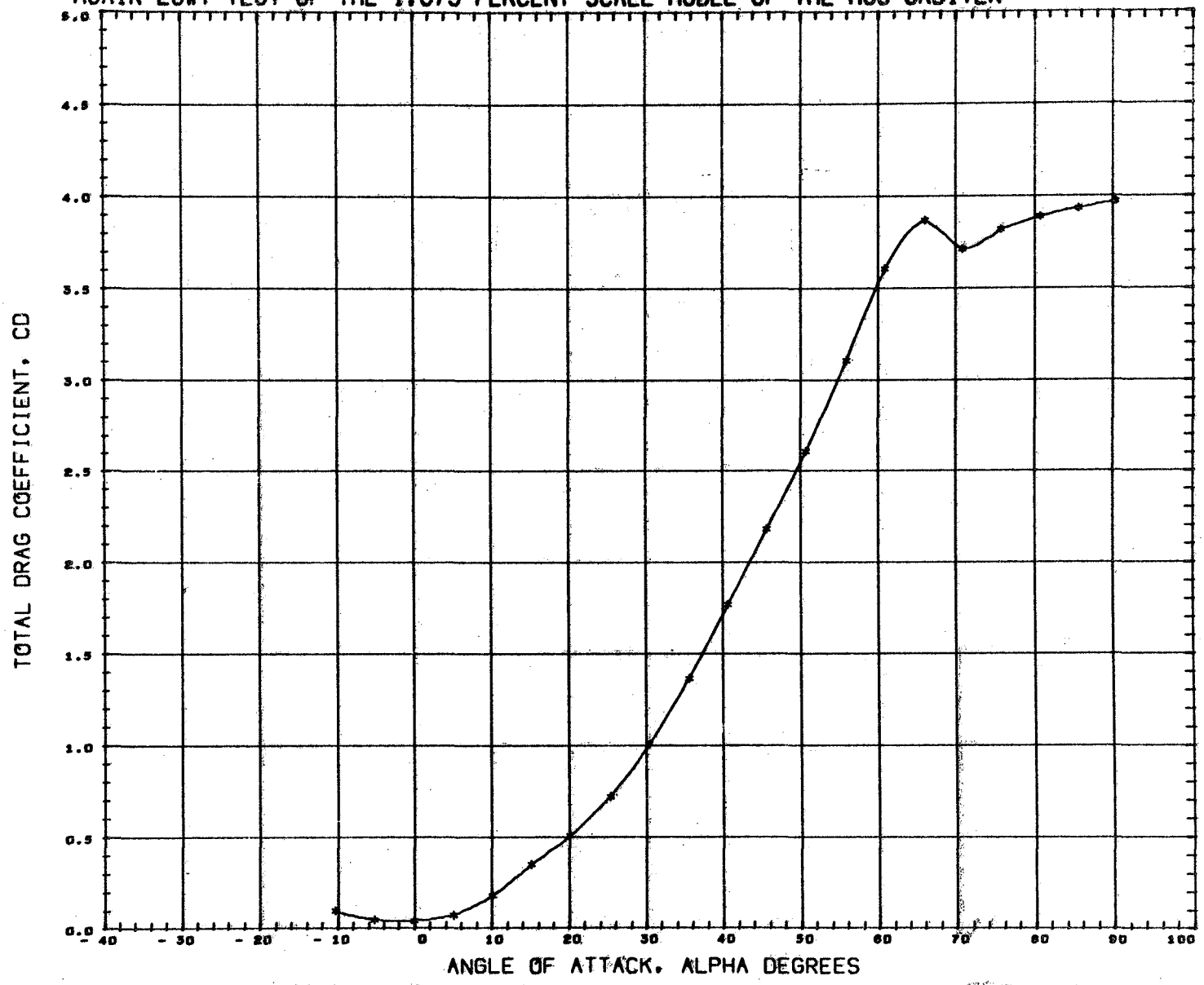
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	- 5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	90.000
		WINGLO	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	- 5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	90.000
		WINGLO	12.211		

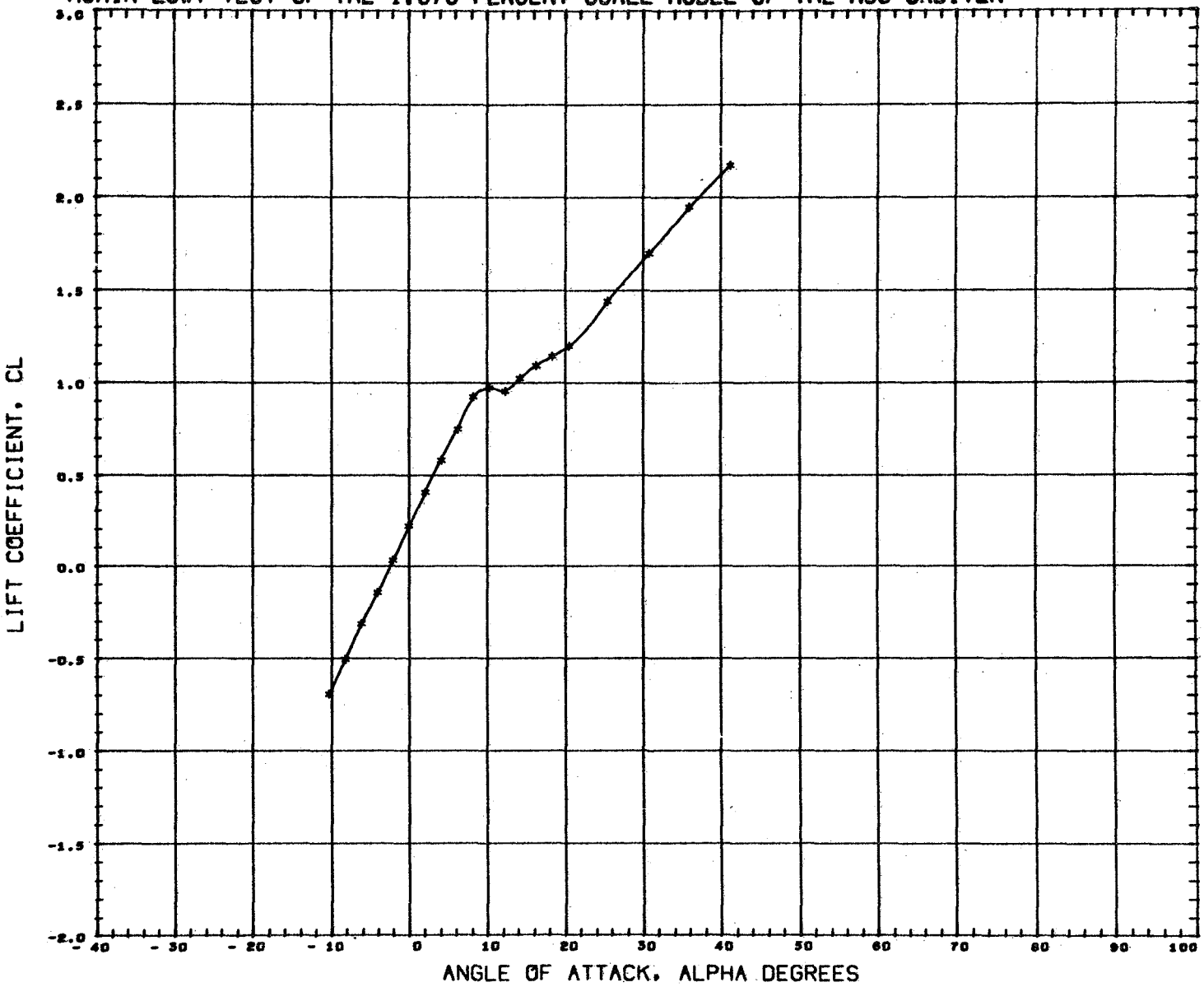
REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

LSWT 223 1.875 PC MOD S5 ORB. B1H6V3W1 (FWD) (RC1F18) 28 JUL 70 PAGE 178

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH		PARAMETRIC VALUES		
●	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGLO	14.157		

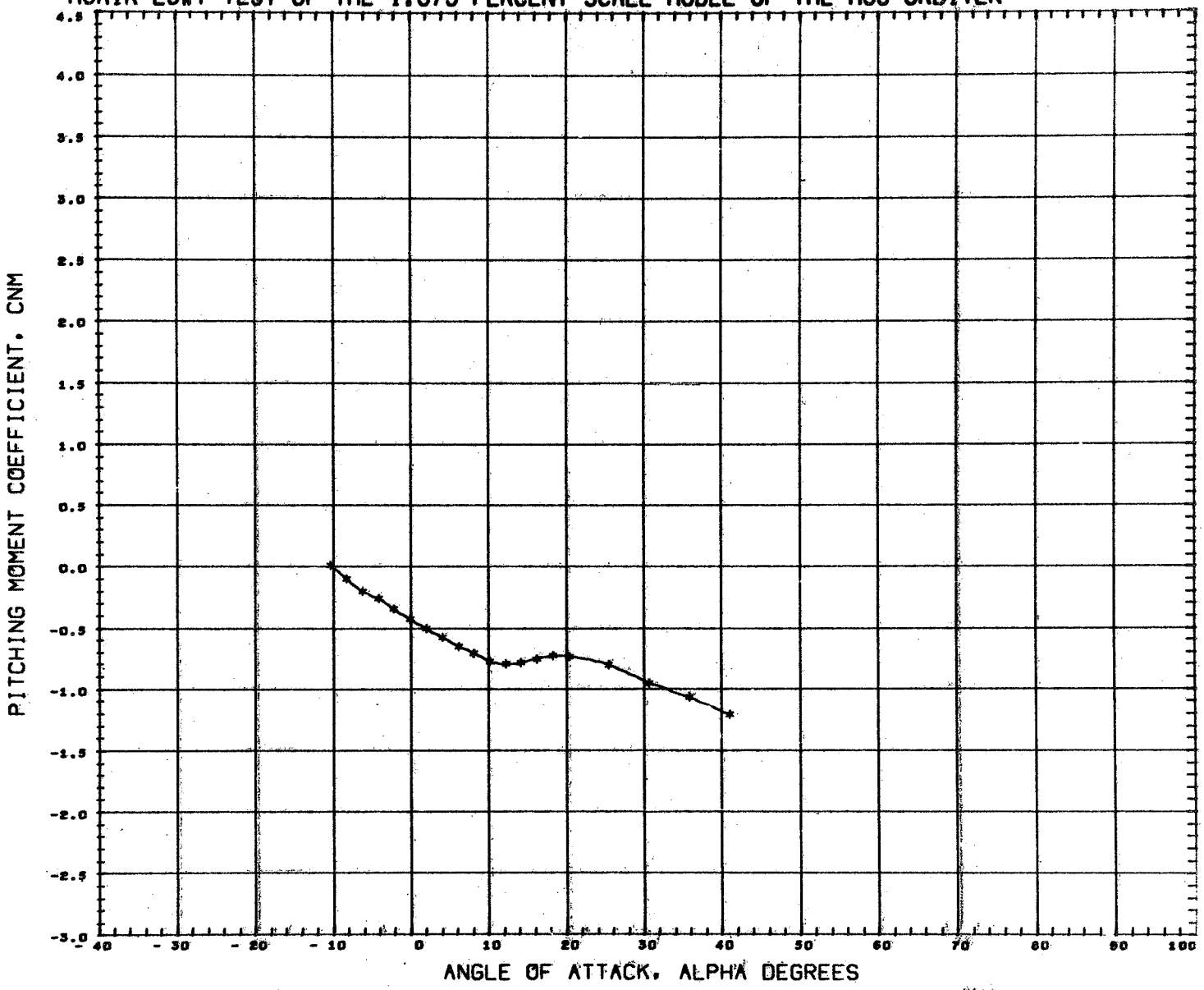
REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT) (RC1A03) 28 JUL 70 PAGE 179

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH		PARAMETRIC VALUES		
*	0.250	DETA	5.000	HTAIL	0.000
		ELEVTR	0.000	FHI	0.000
		WINGLO	14.157		

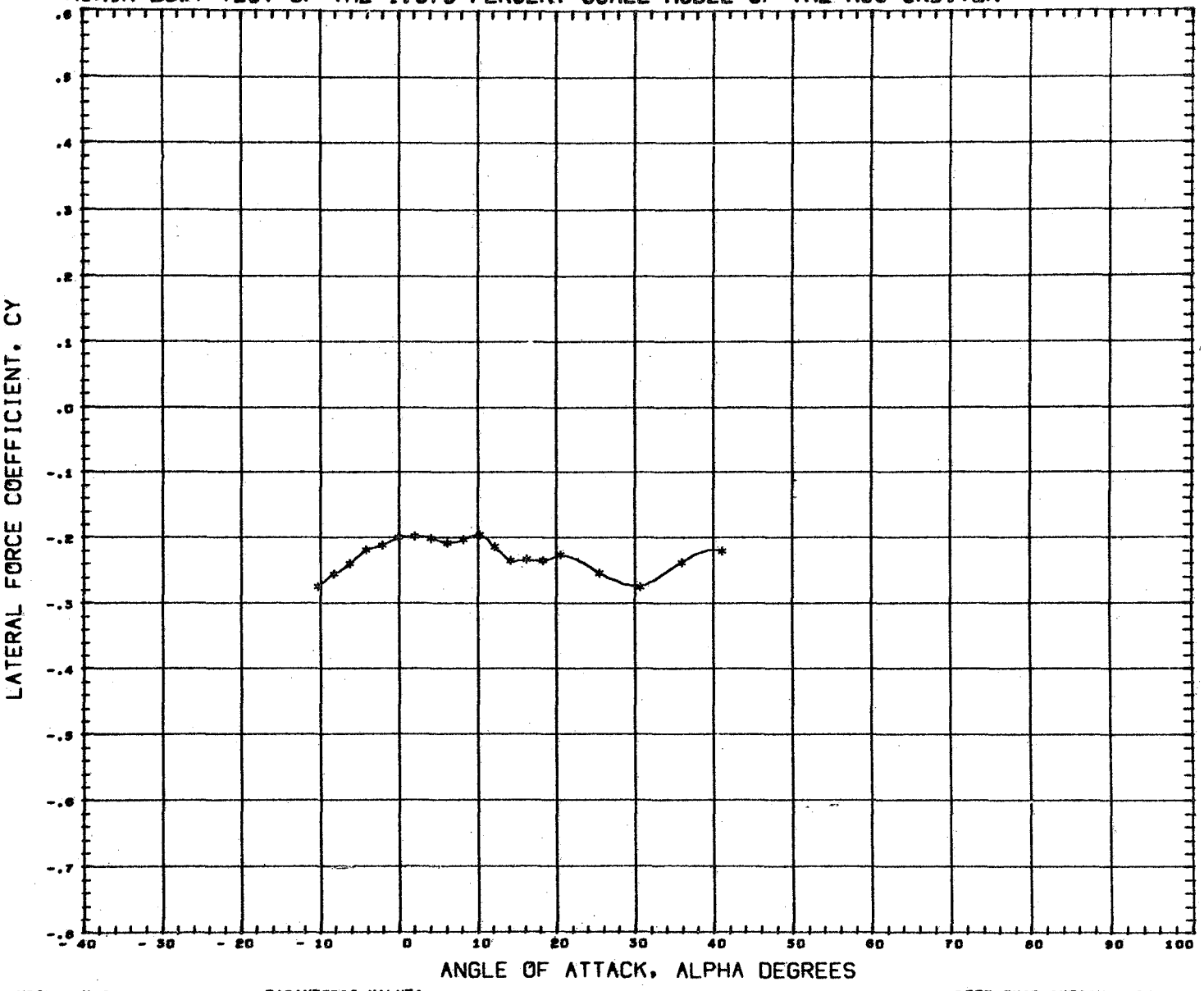
REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

LSWT 223 1.875 PC MOD S5 ORB B1H6V3W1 (AFT) (RC1A03) 28 JUL 70 PAGE 180

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



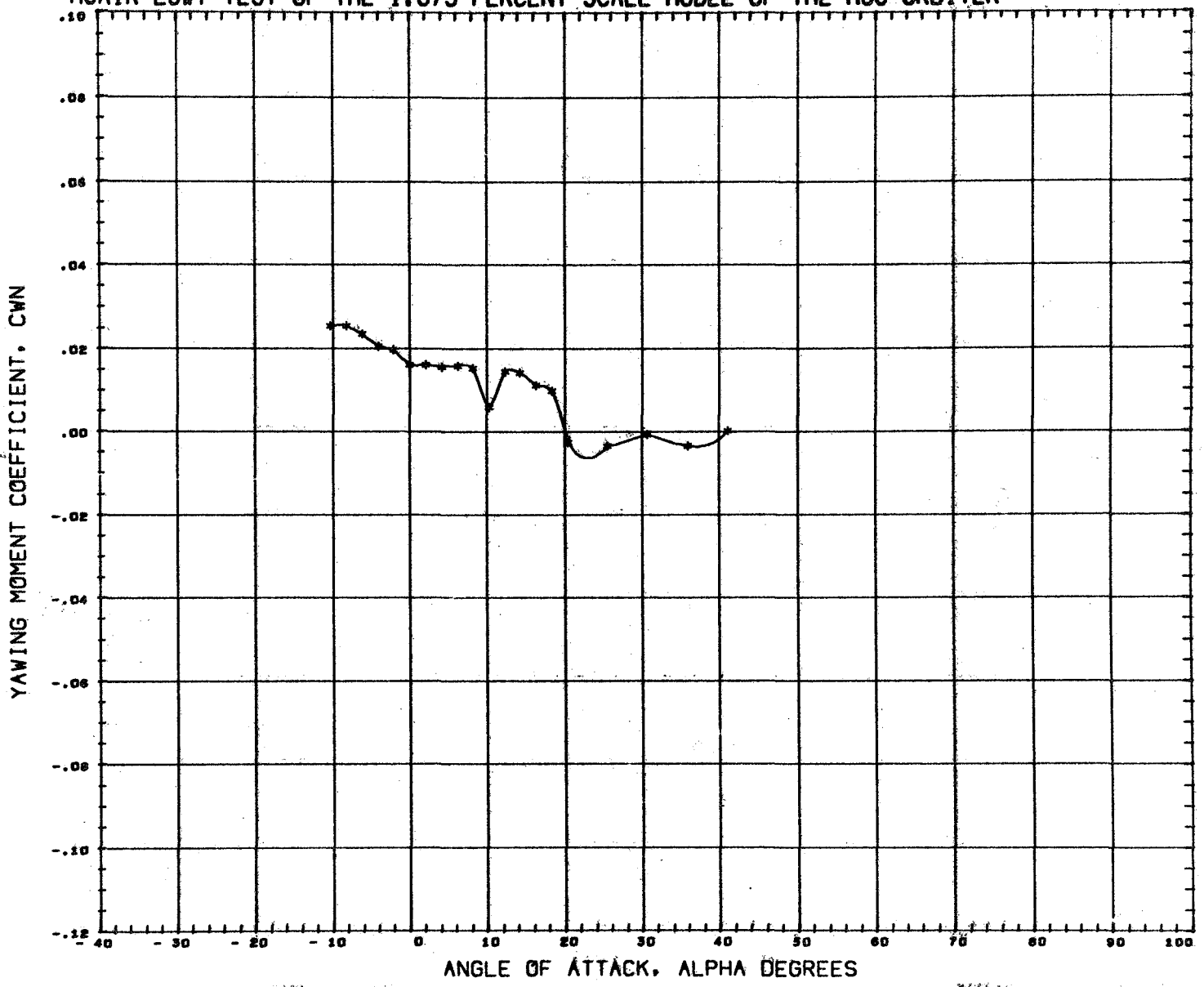
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGLO	14.157		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



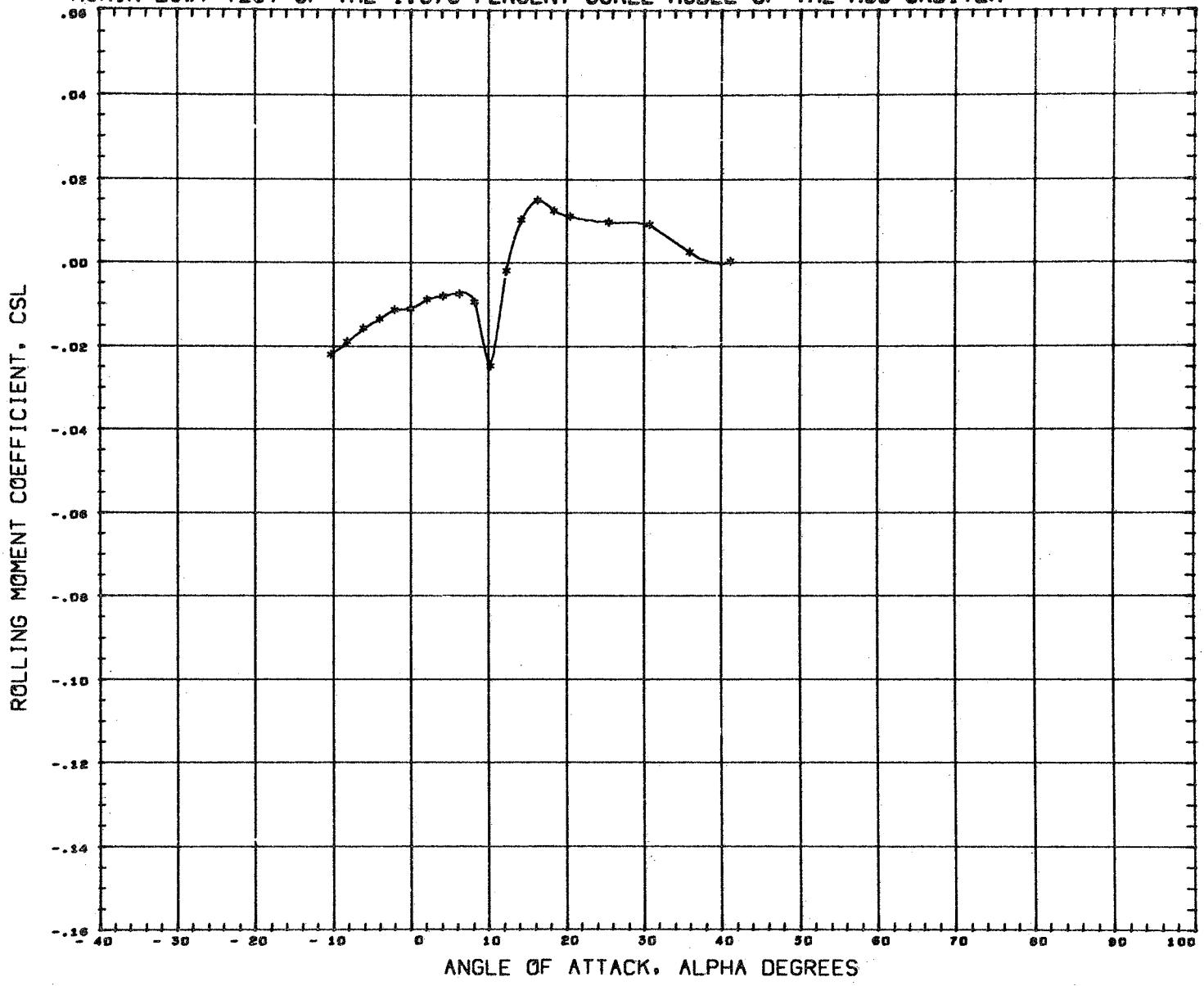
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGLO	14.157		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



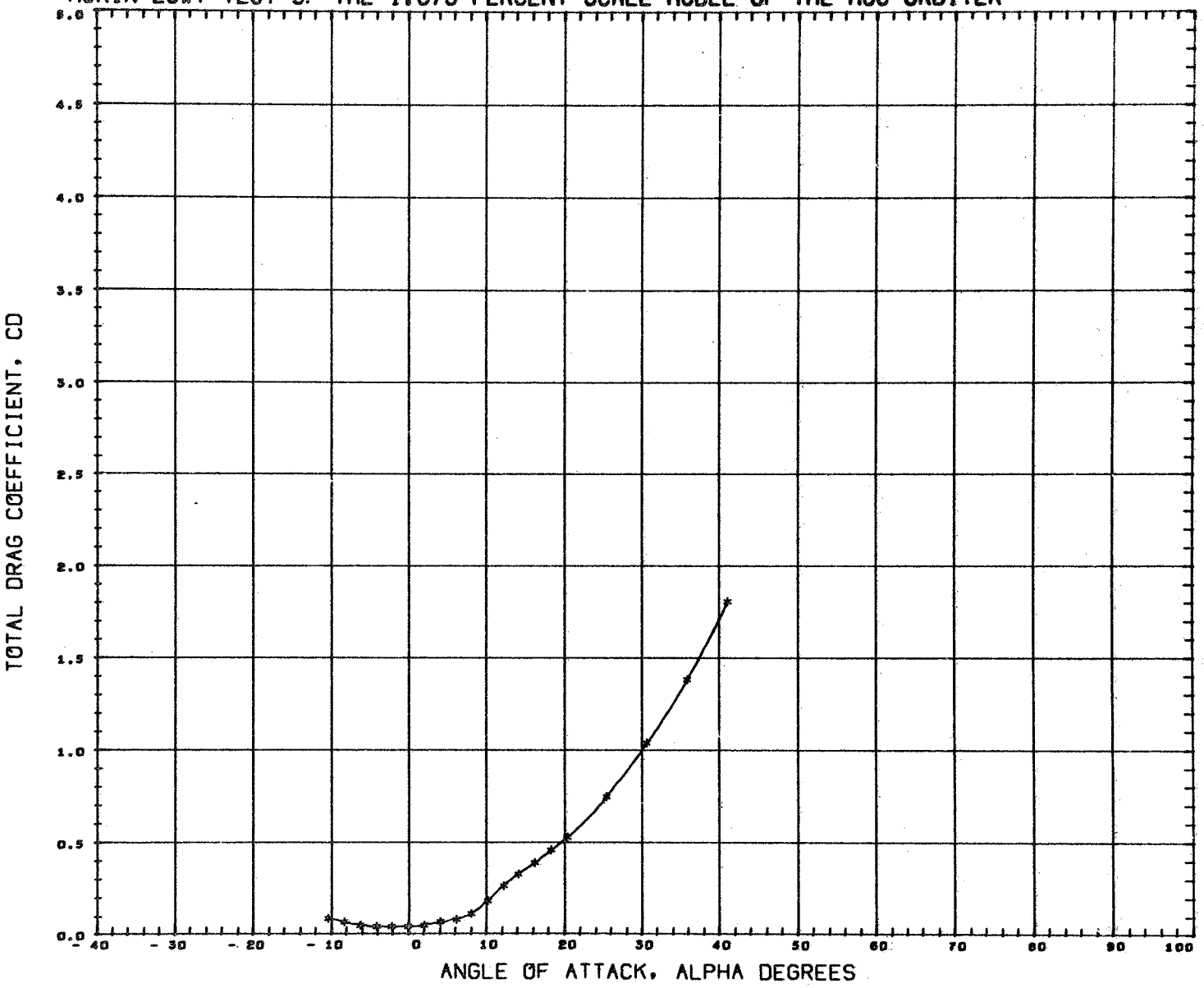
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGLO	14.157		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



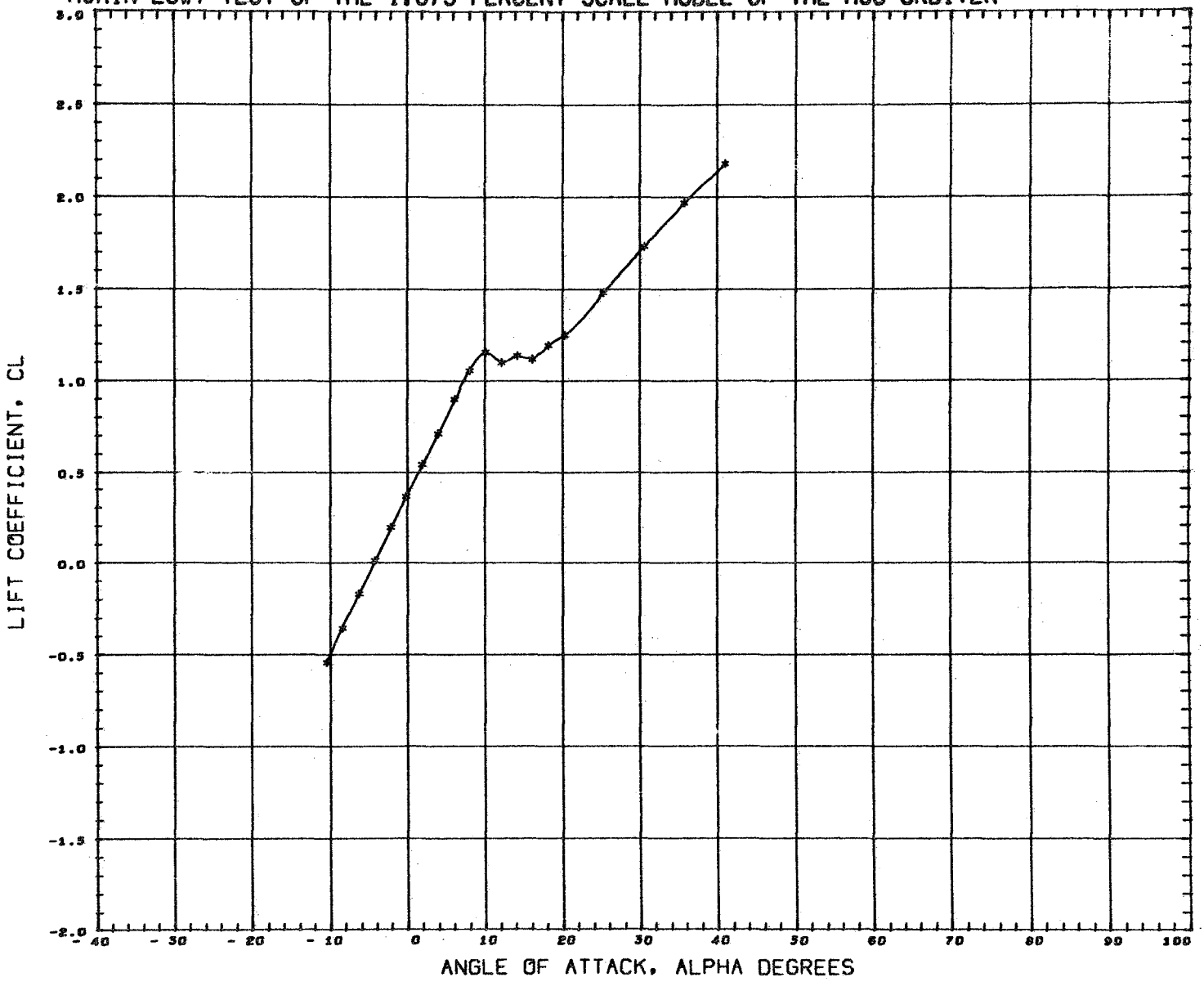
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGLO	14.157		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



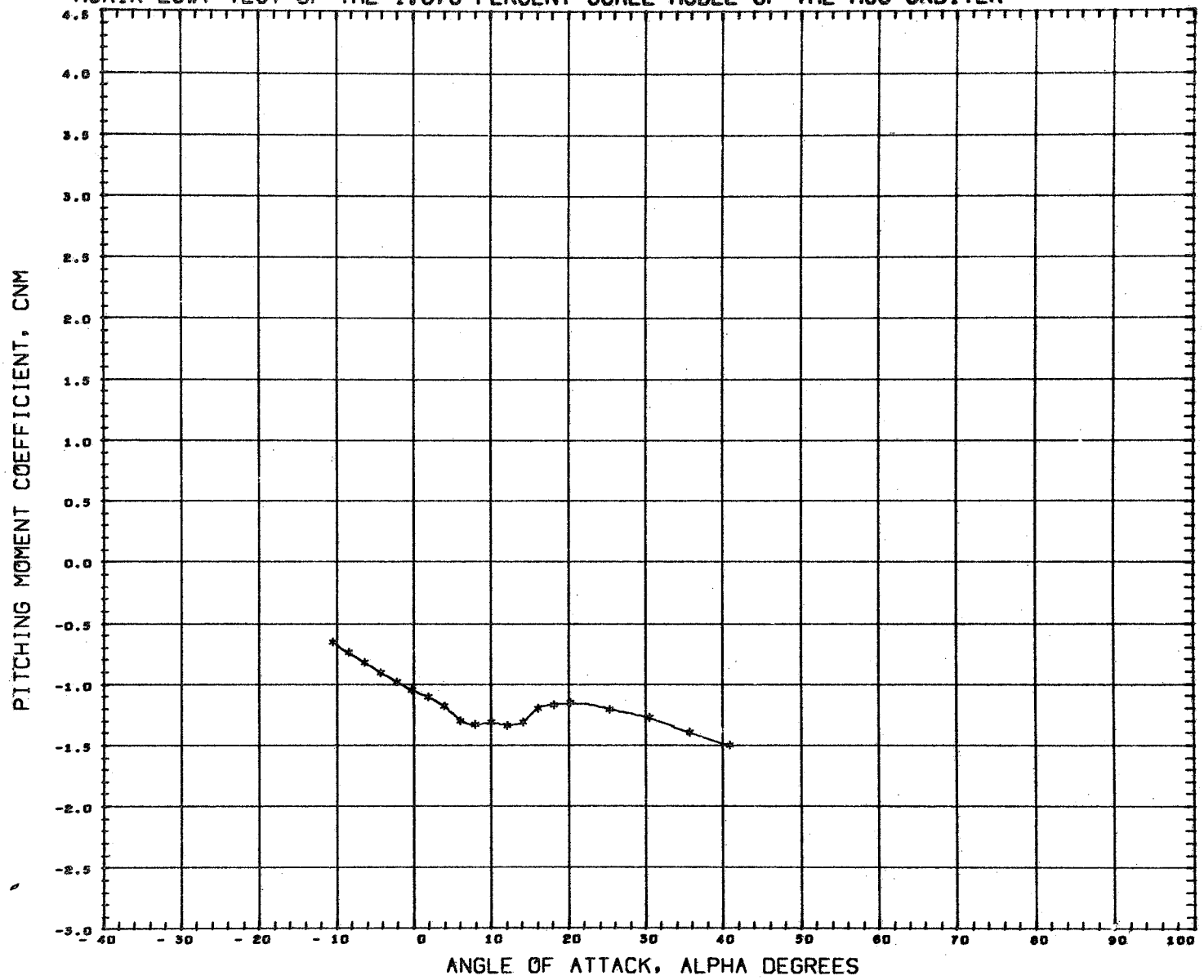
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	10.000	PHI	0.000
		WINGLO	14.157		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



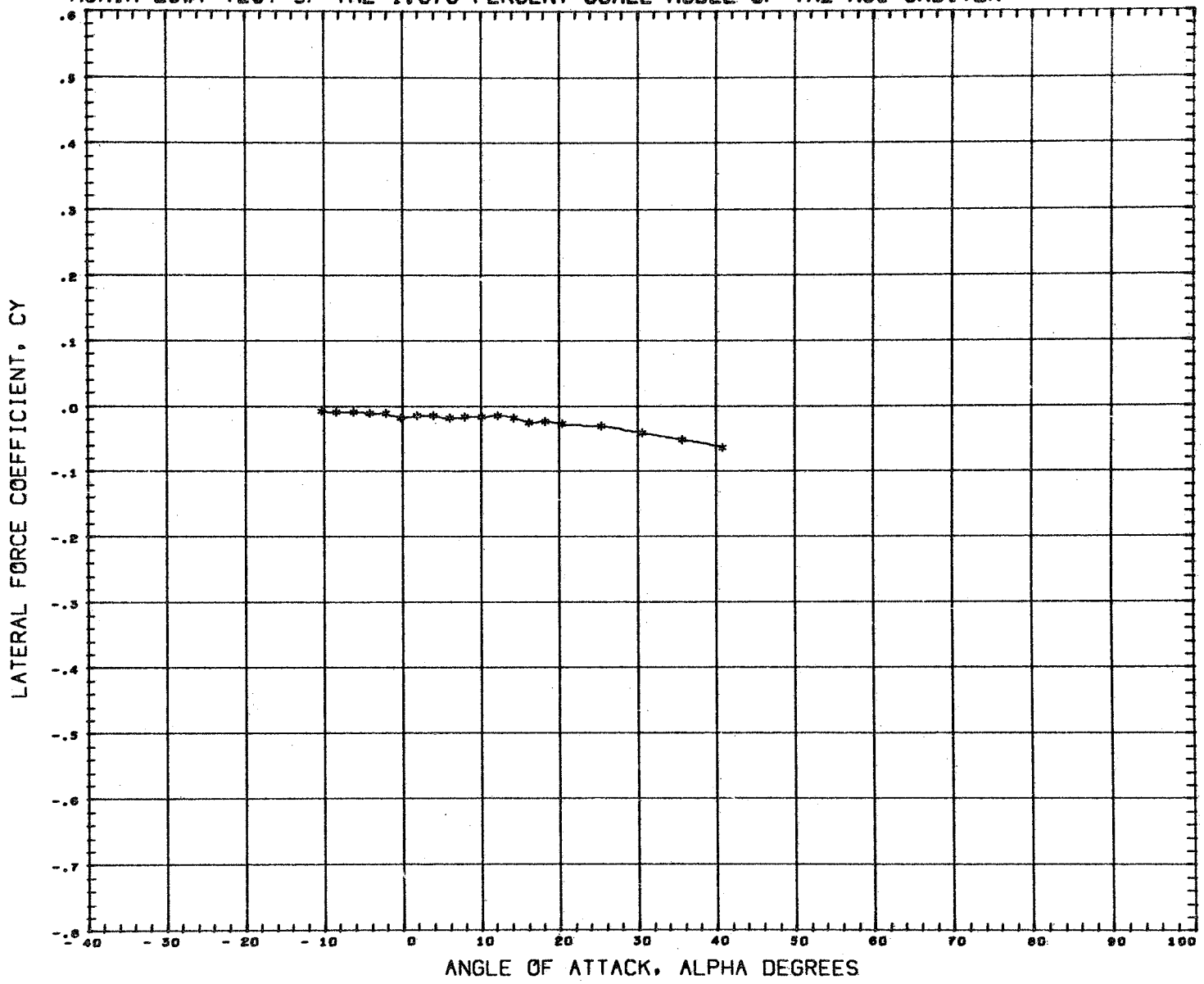
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	10.000	PHI	0.000
		WINGLO	14.157		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



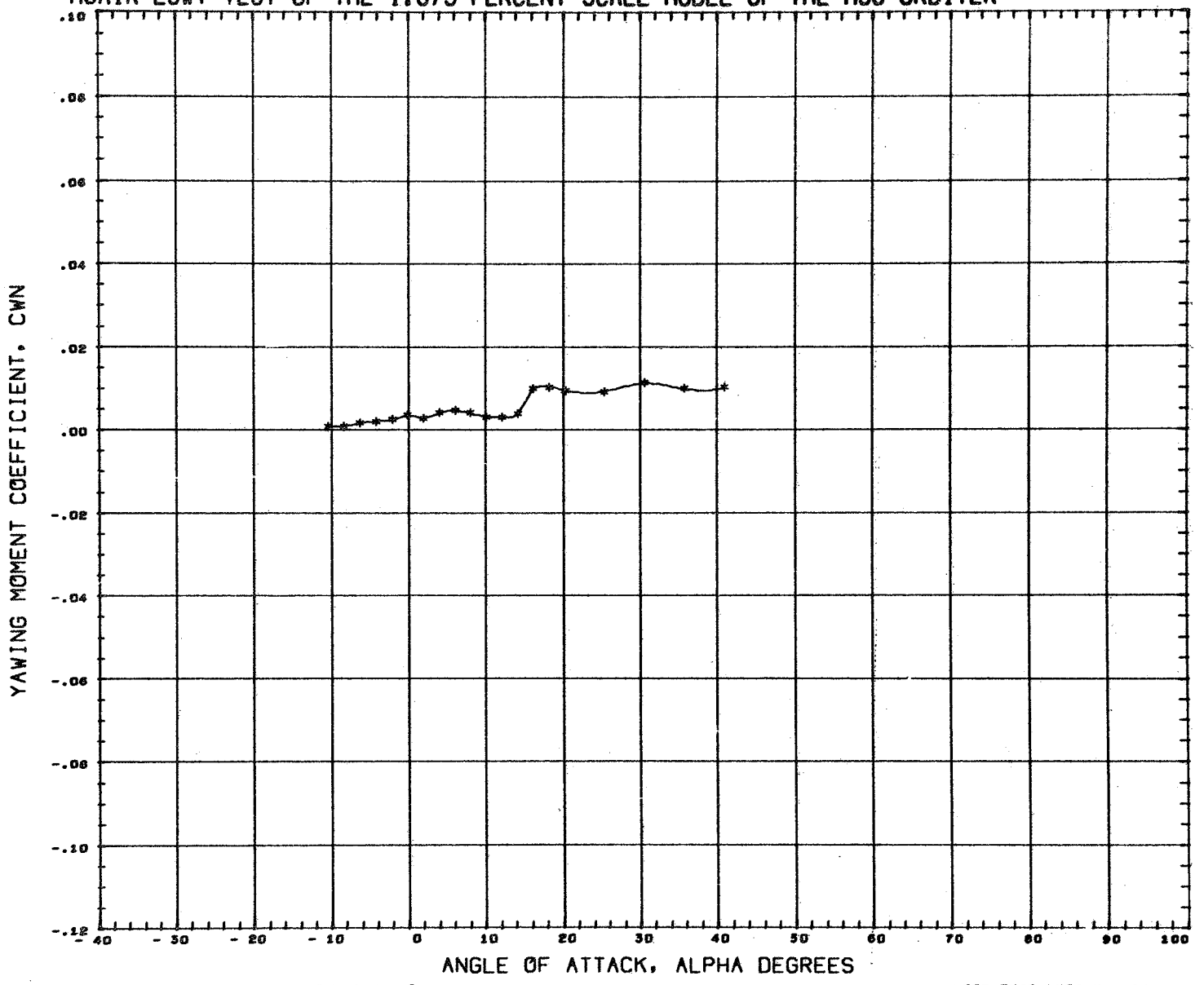
SYMBOL	MACH		PARAMETRIC VALUES		
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	10.000	PHI	0.000
		WINGLO	14.157		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



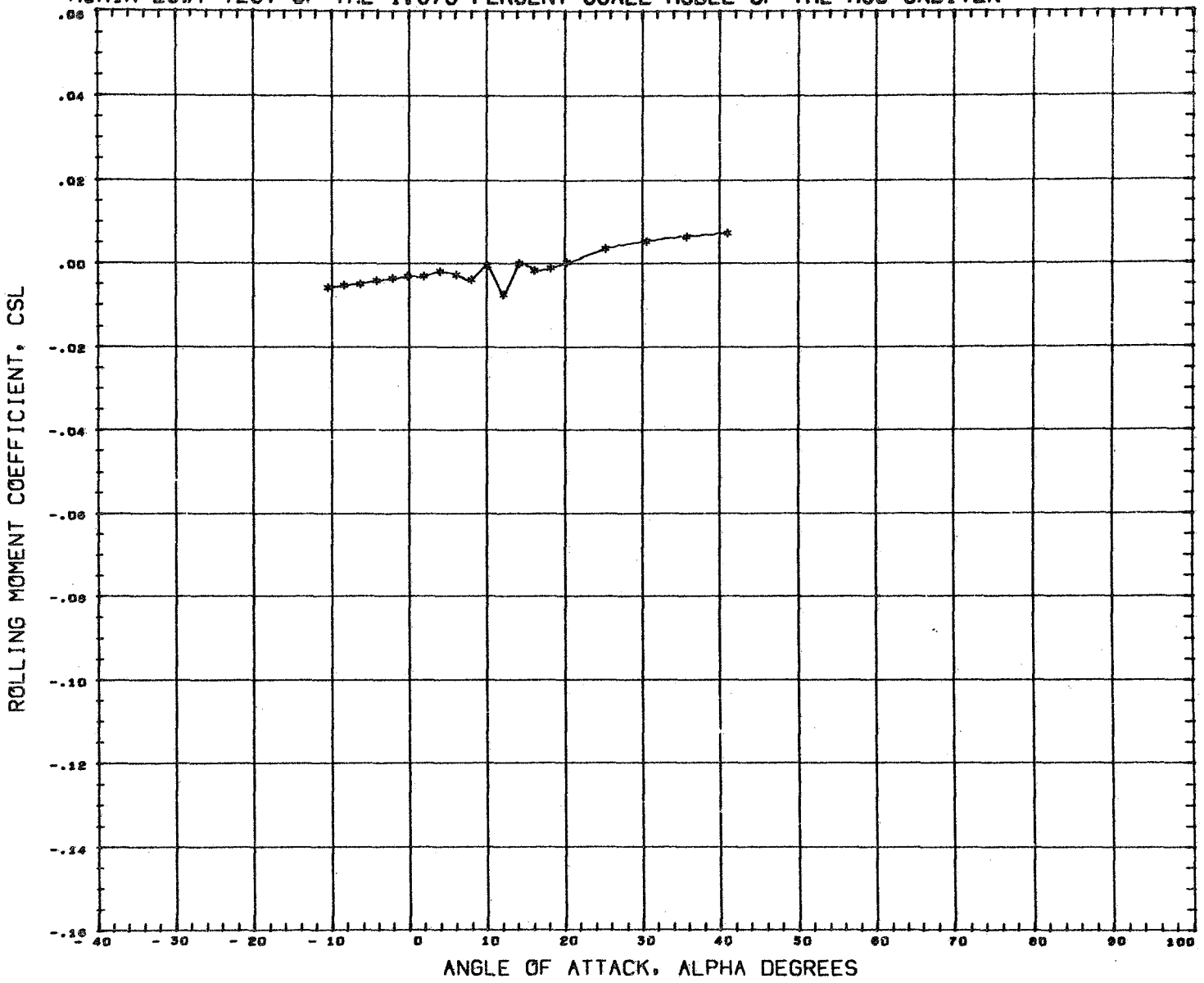
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	10.000	PHI	0.000
		WINGLO	14.157		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



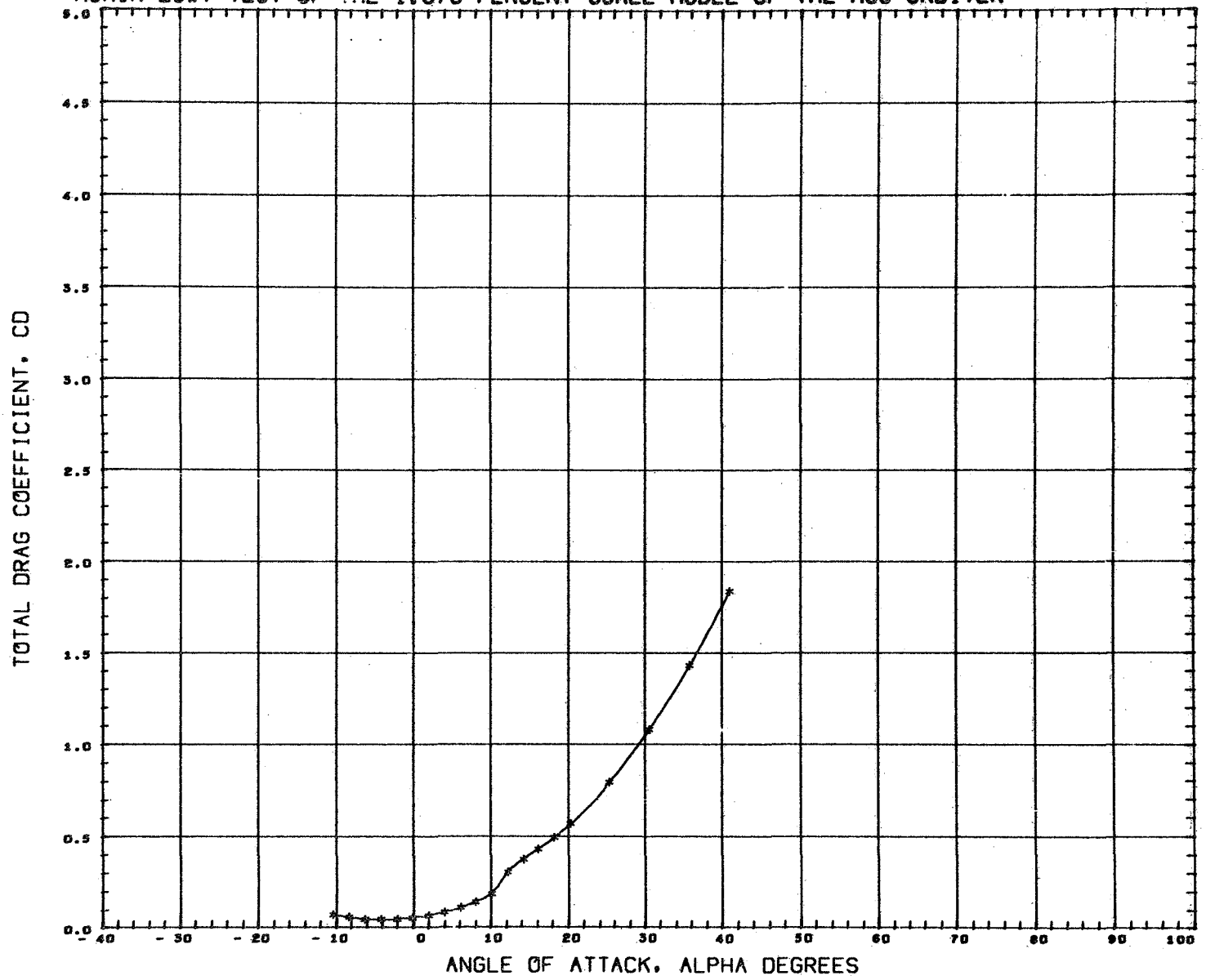
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	10.000	PHI	0.000
		WINGLO	14.157		

REFERENCE FILE SDY 57100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



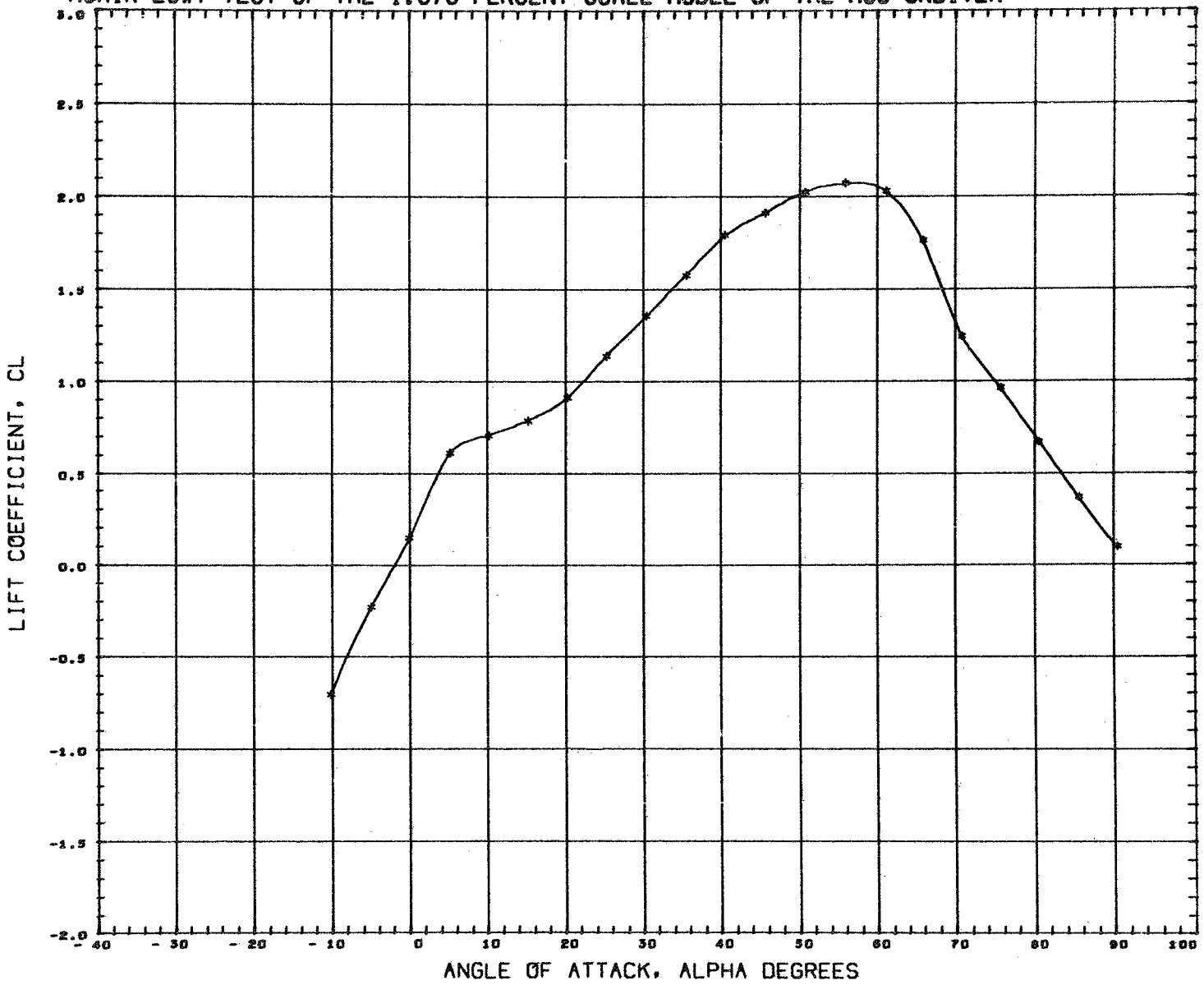
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	10.000	PHI	0.000
		WINGLO	14.157		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



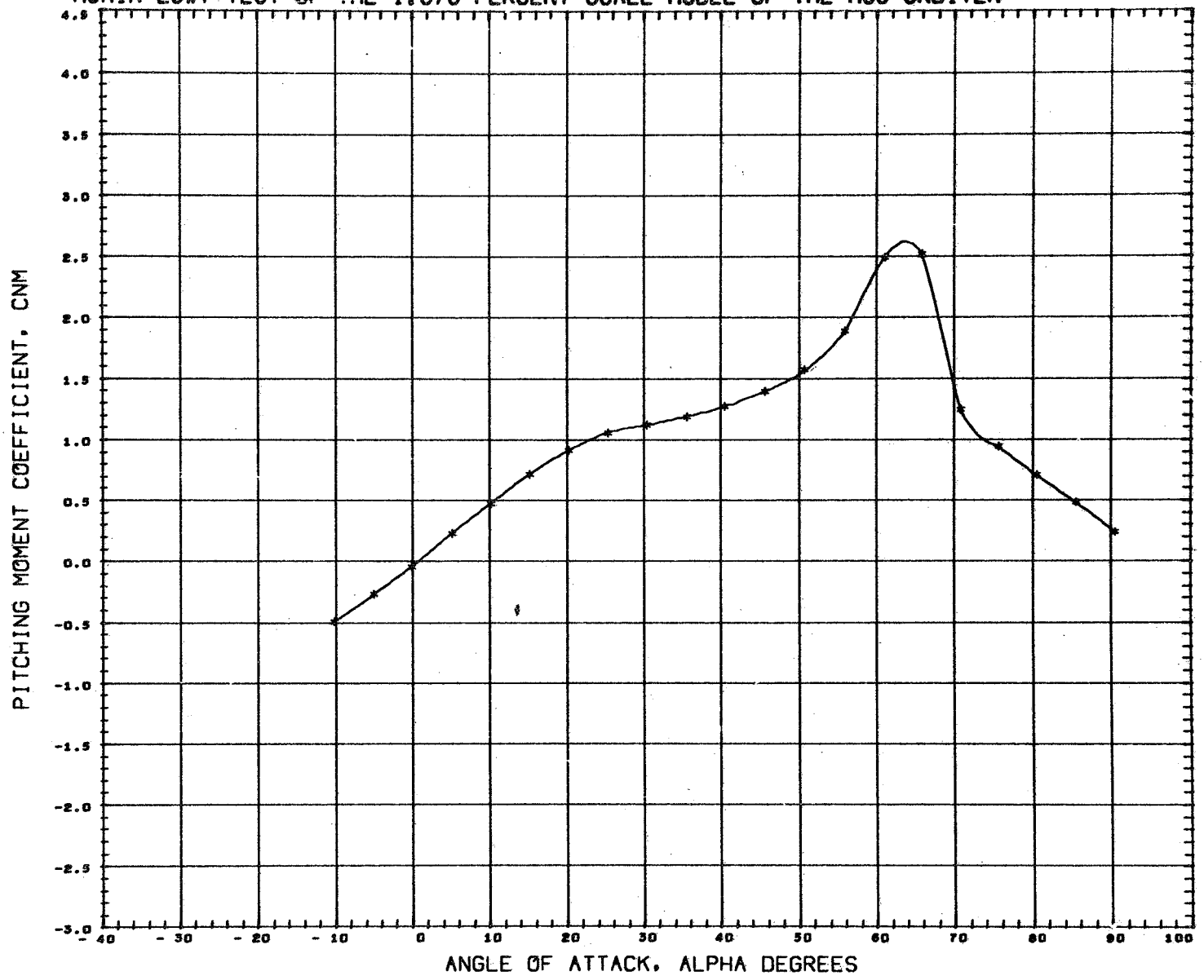
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



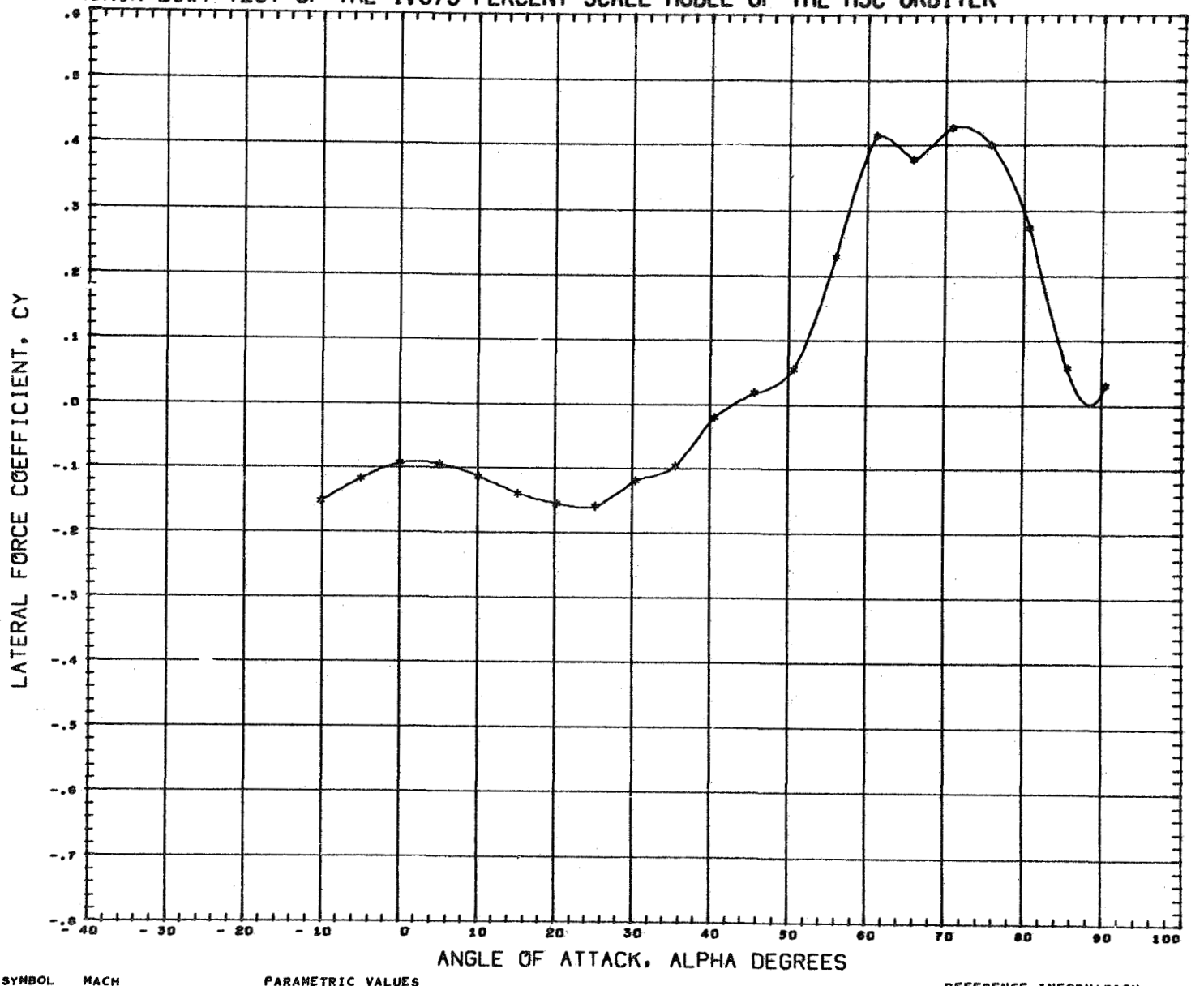
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

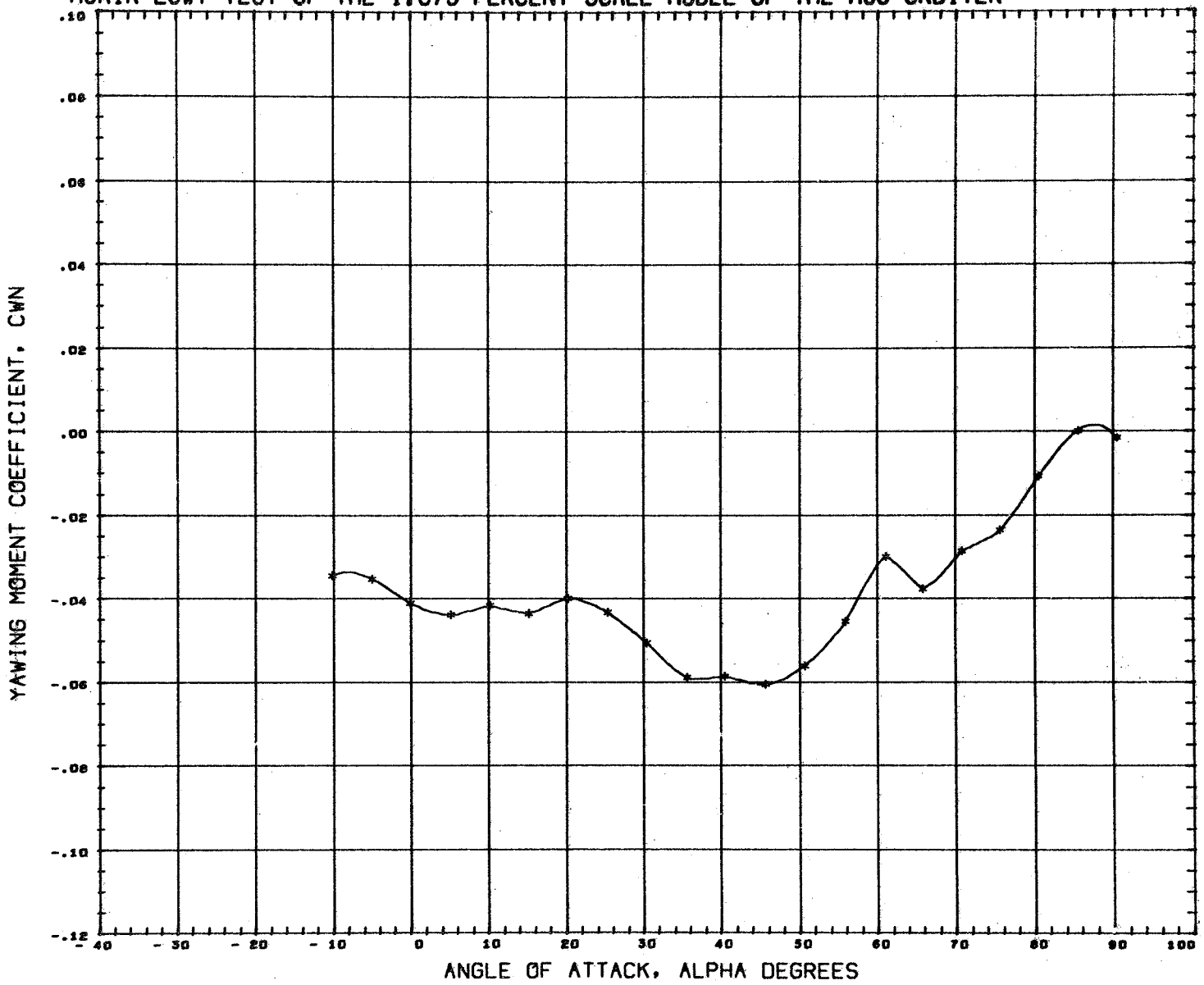
REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

LSWT 223 1.875 PC MOD S5 ORB. B1W1 (RC1012) 28 JUL 70 PAGE 193

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

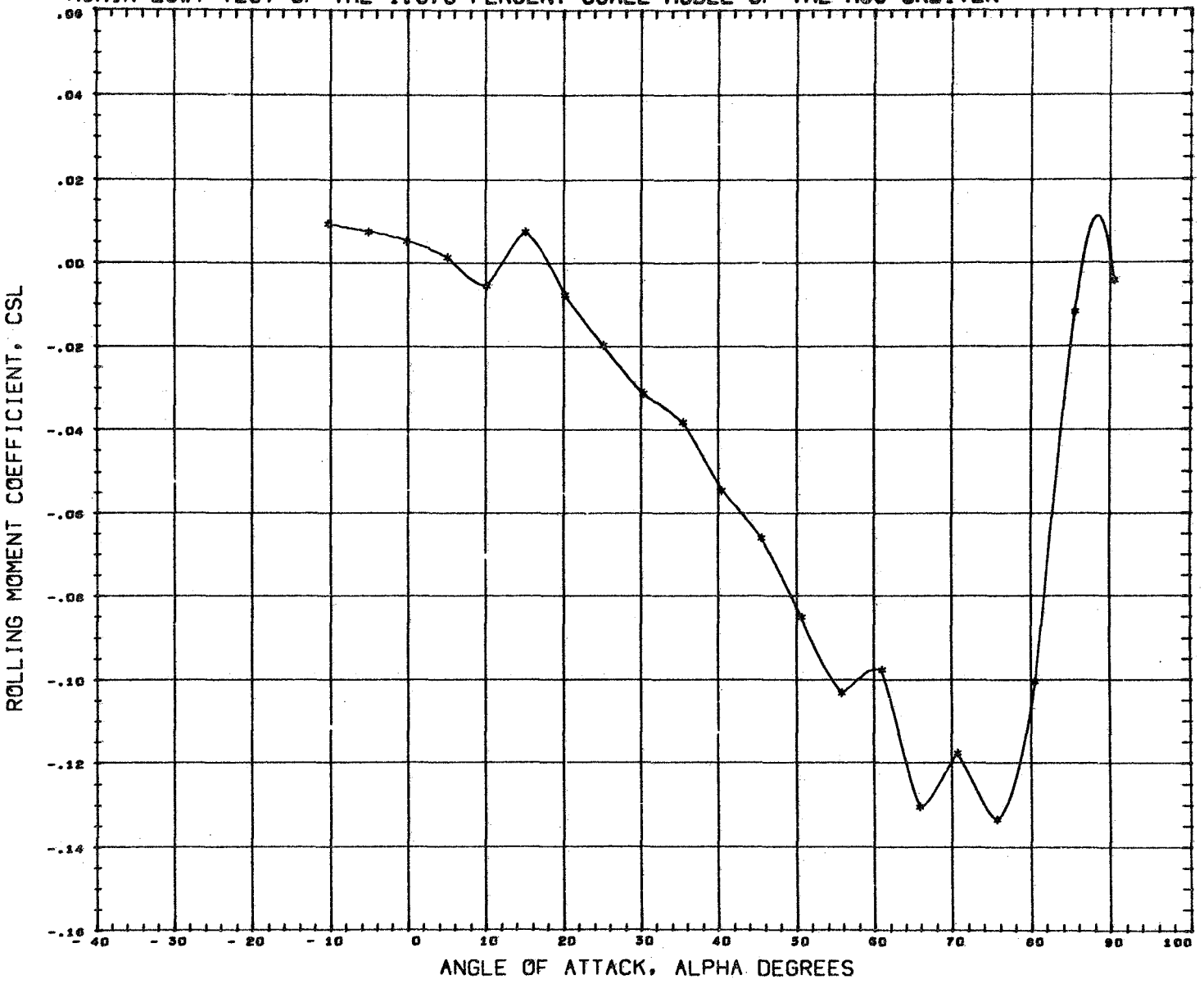
REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

LSWT 223 1.875 PC MOD S5 ORB. B1W1 (RC1012) 28 JUL 70 PAGE 194

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



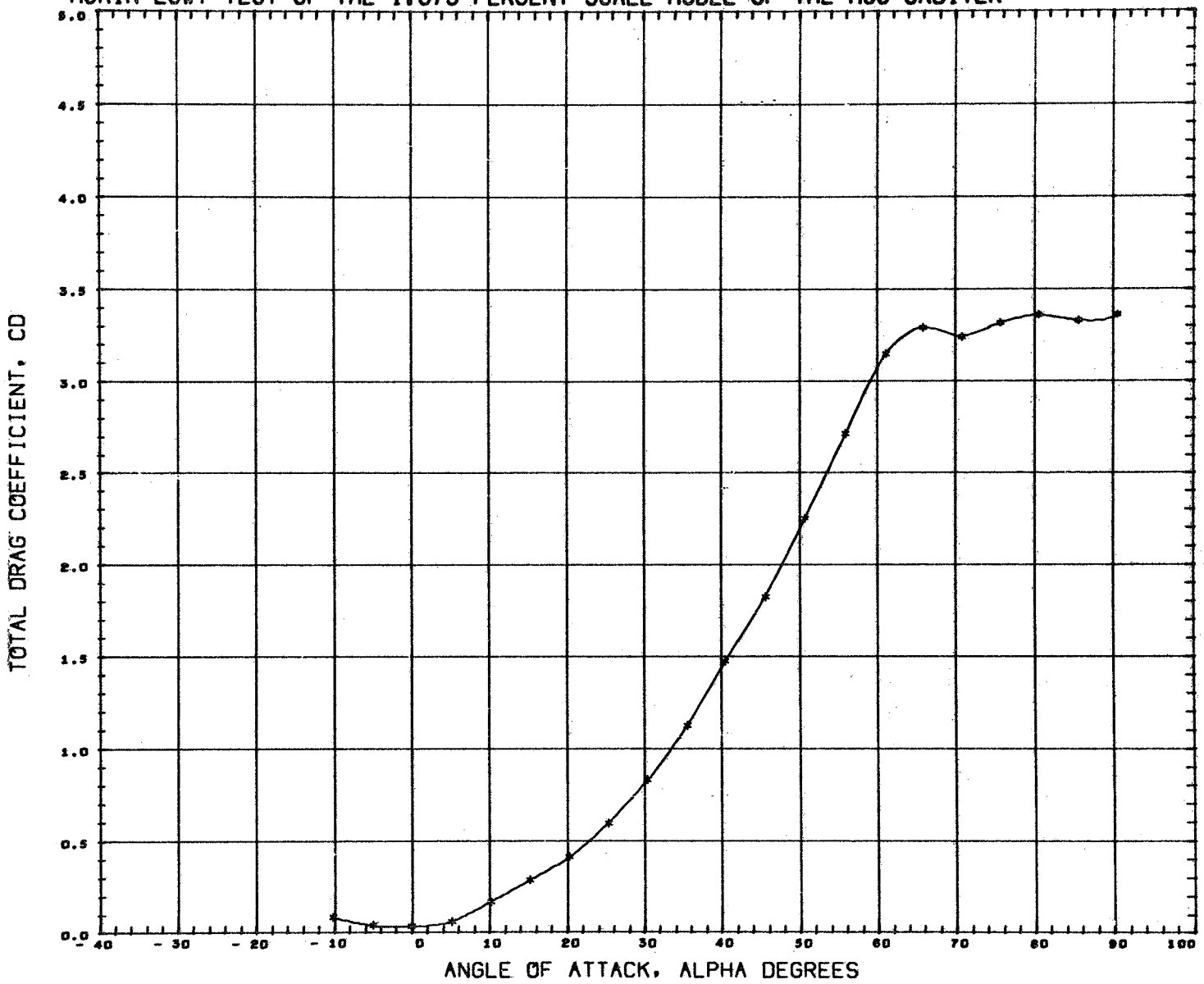
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



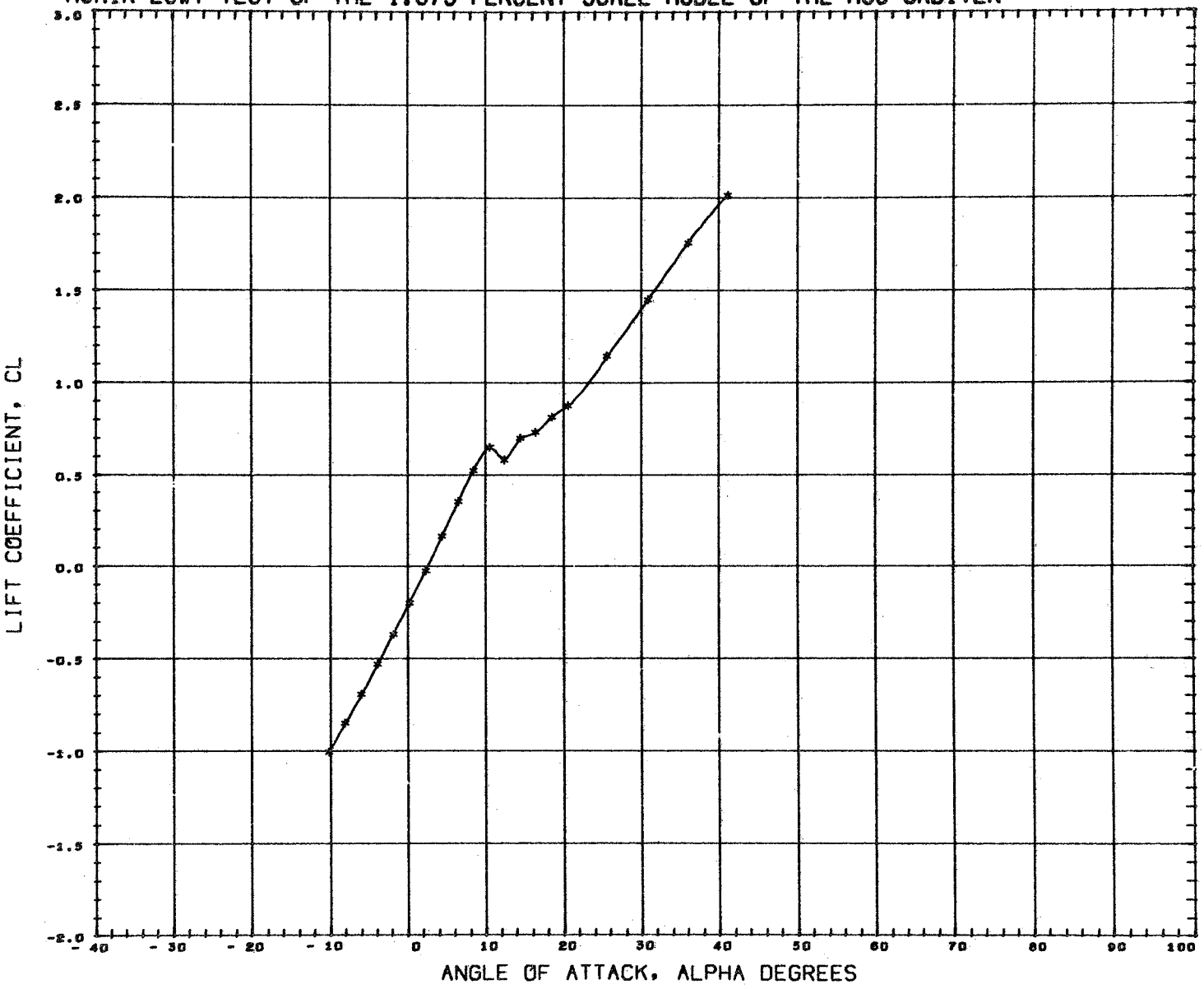
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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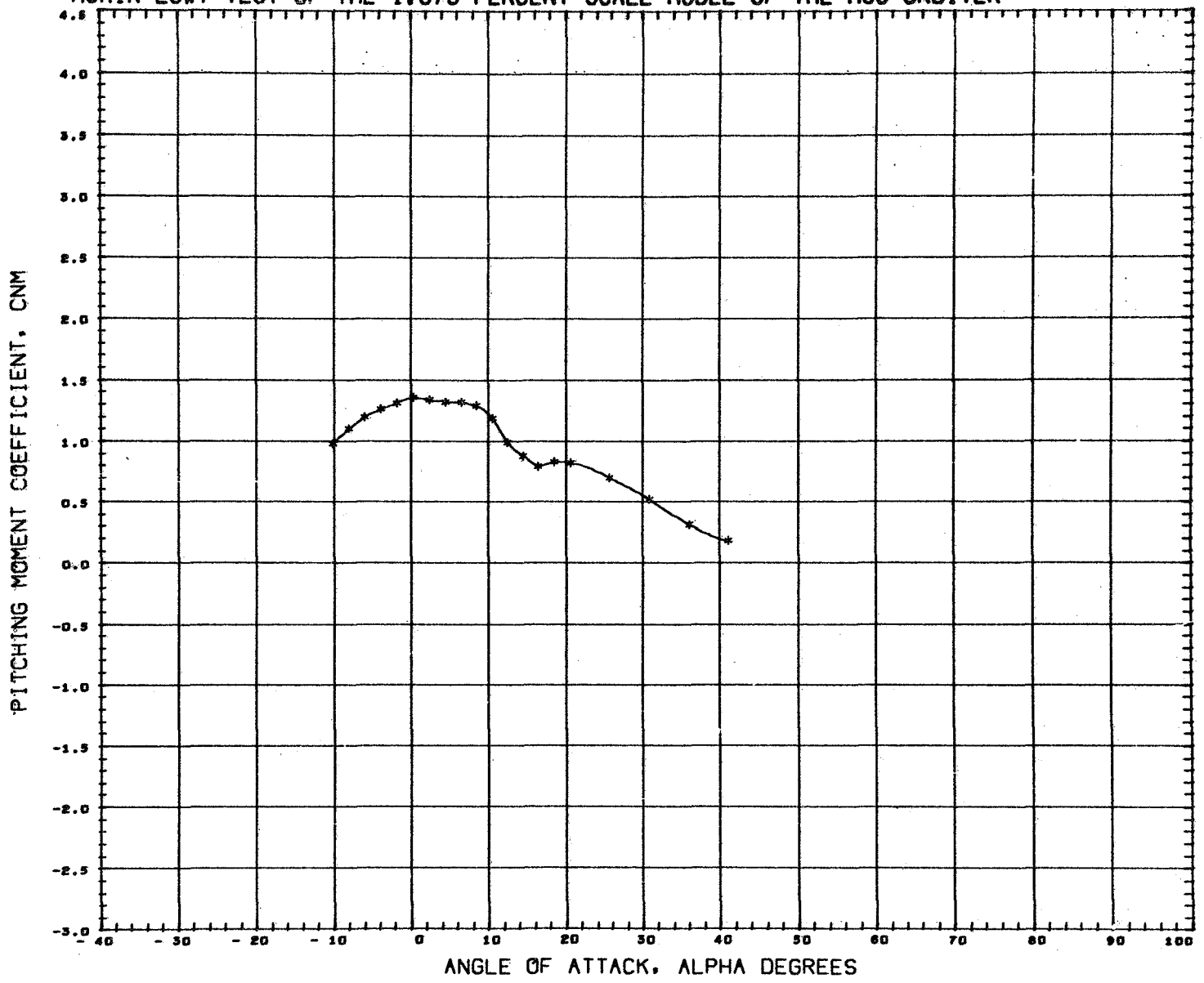
		ELEVTR	- 20.000	PHI	0.000
		WINGLO	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	0.000	HTAIL	0.000
		ELEVTR	- 20.000	PHI	0.000
		WINGLO	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
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ZMRF	$2.40000 \times 10^{+00}$	IN.
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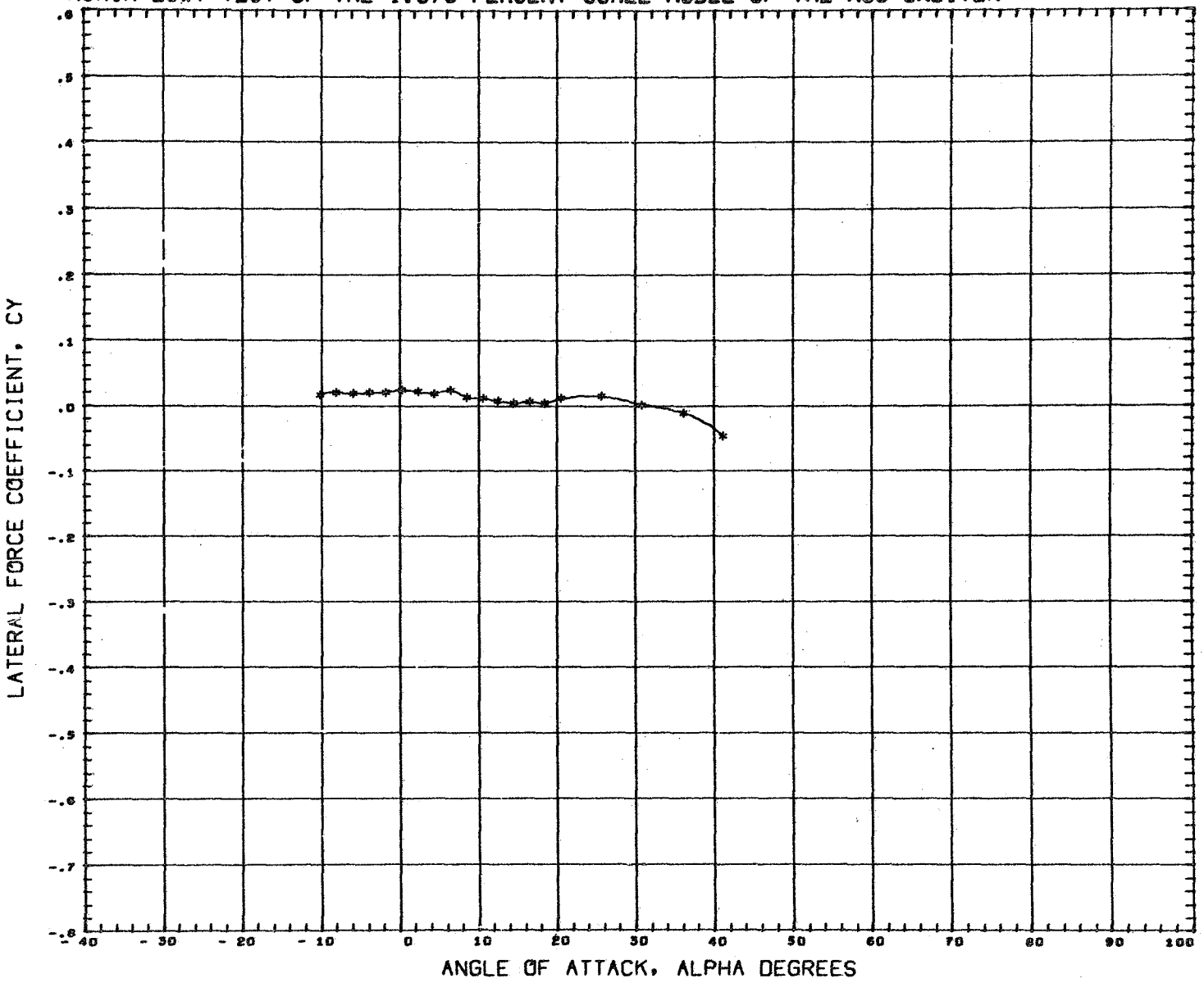

SYMBOL	MACH	PARAMETRIC VALUES			
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		ELEVTR	- 20.000	PHI	0.000
		WINGLO	12.211		

REFERENCE FILE SDY 37100150

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REFS	3.20800×10^{-01}	SQ.FT.
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REFB	$1.50000 \times 10^{+00}$	FT.
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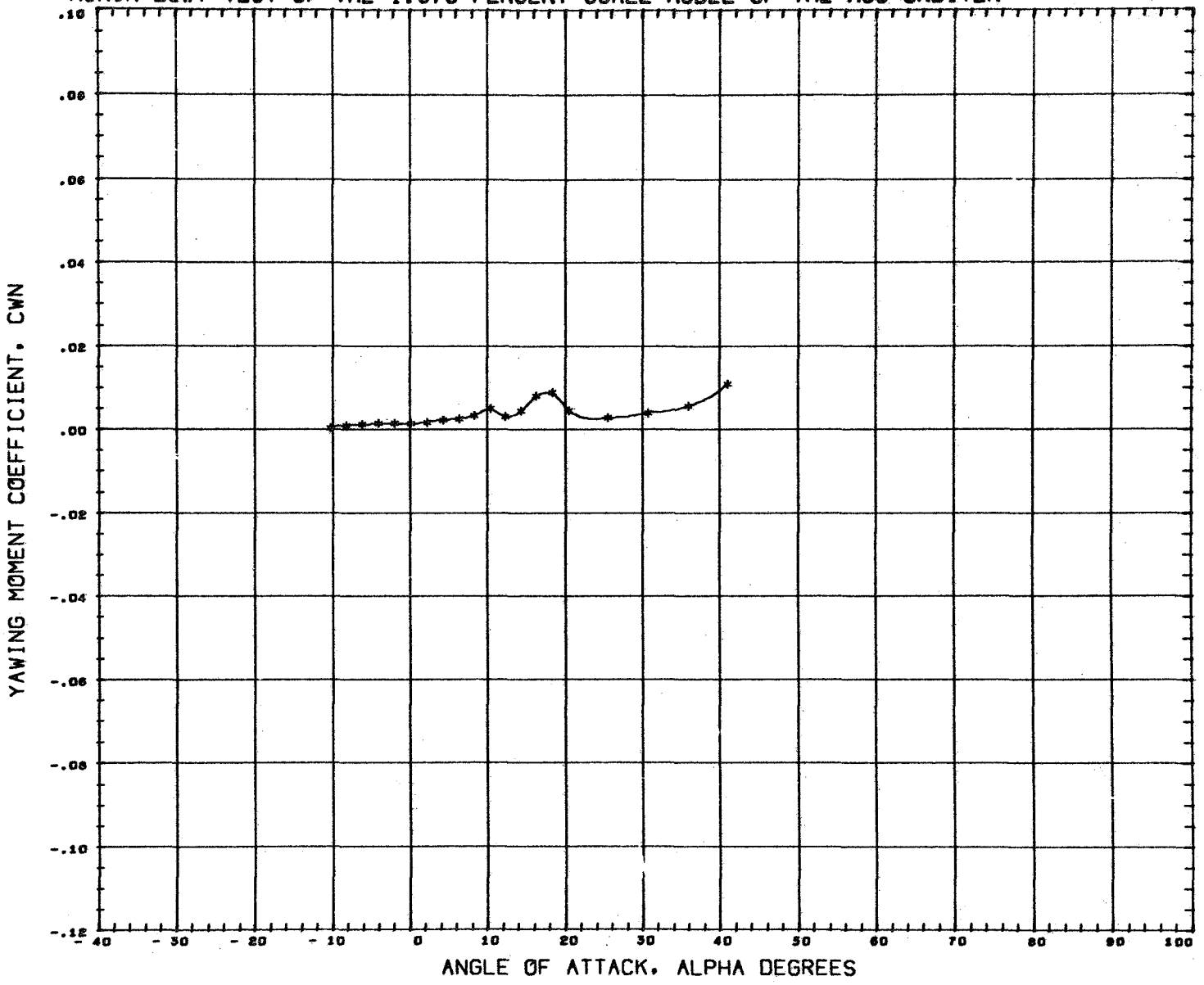
MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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		ELEVTR	- 20.000	PHI	0.000
		WINGLO	12.211		

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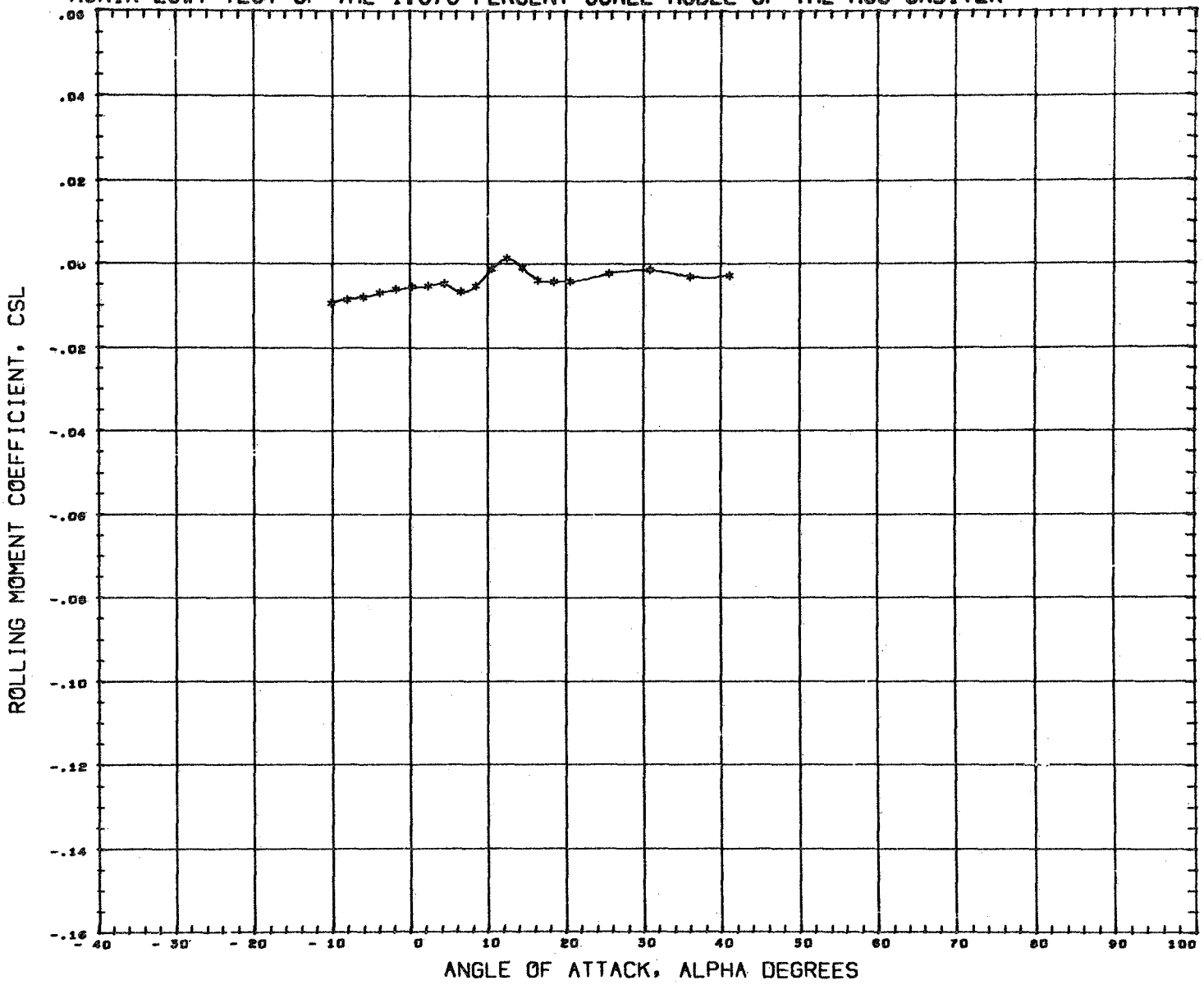

SYMBOL	MACH	PARAMETRIC VALUES			
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		ELEVTR	- 20.000	PHI	0.000
		WINGLO	12.211		

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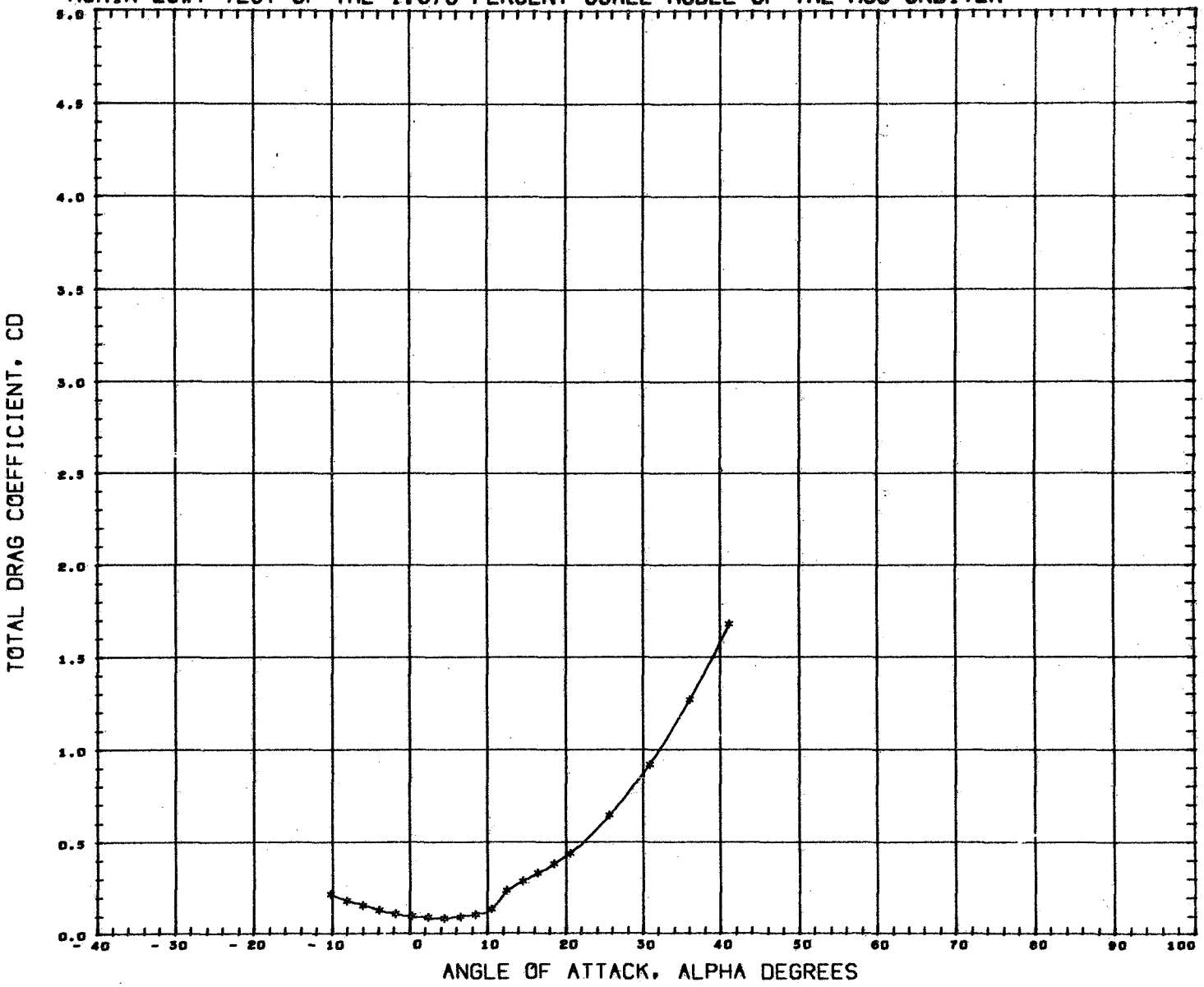
MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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		ELEVTR	- 20.000	PHI	0.000
		WINGLO	12.211		

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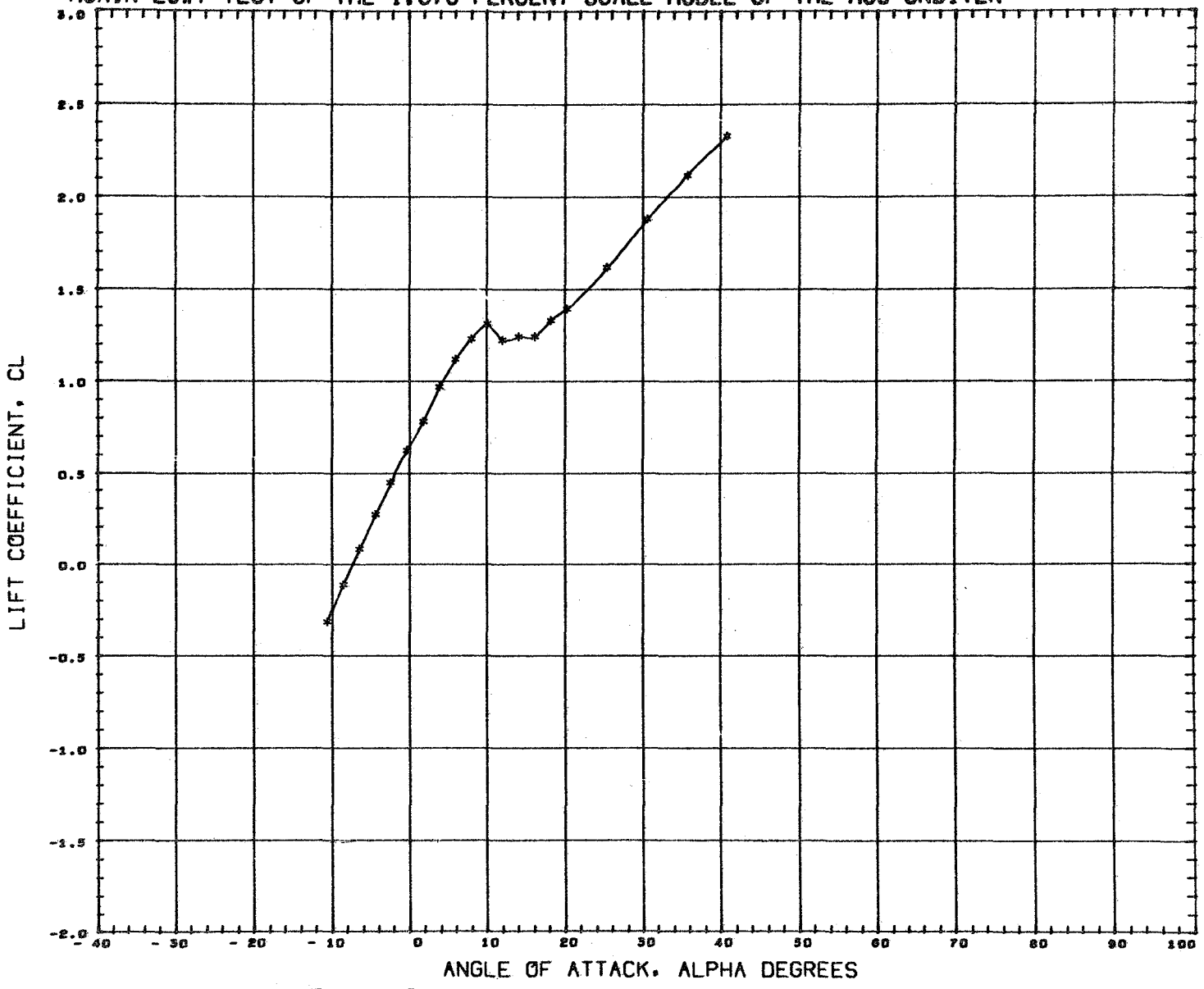

SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	0.000	HTAIL	0.000
		ELEVTR	20.000	PHI	0.000
		WINGLO	12.211		

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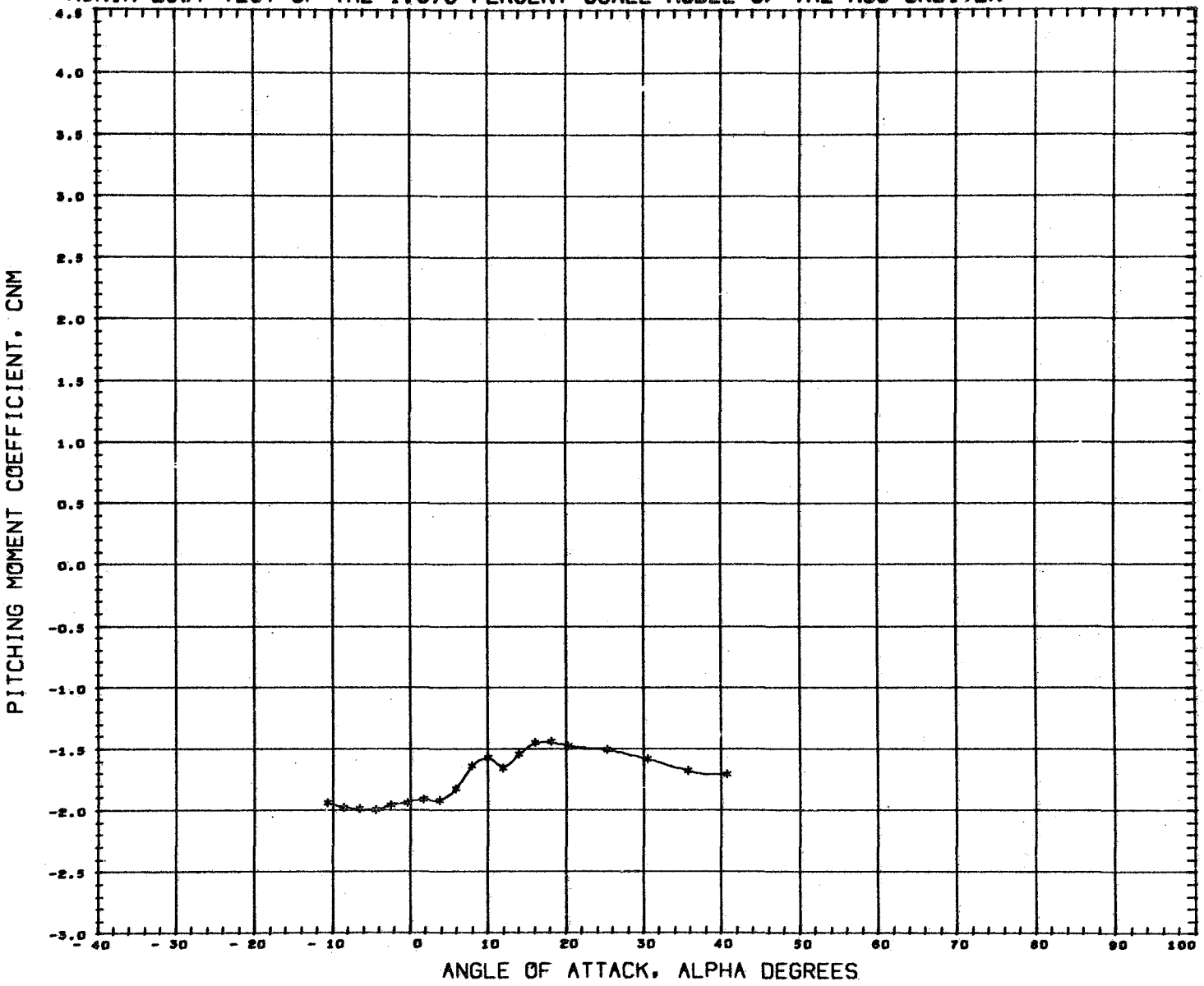

SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	0.000	HTAIL	0.000
		ELEVTR	20.000	PHI	0.000
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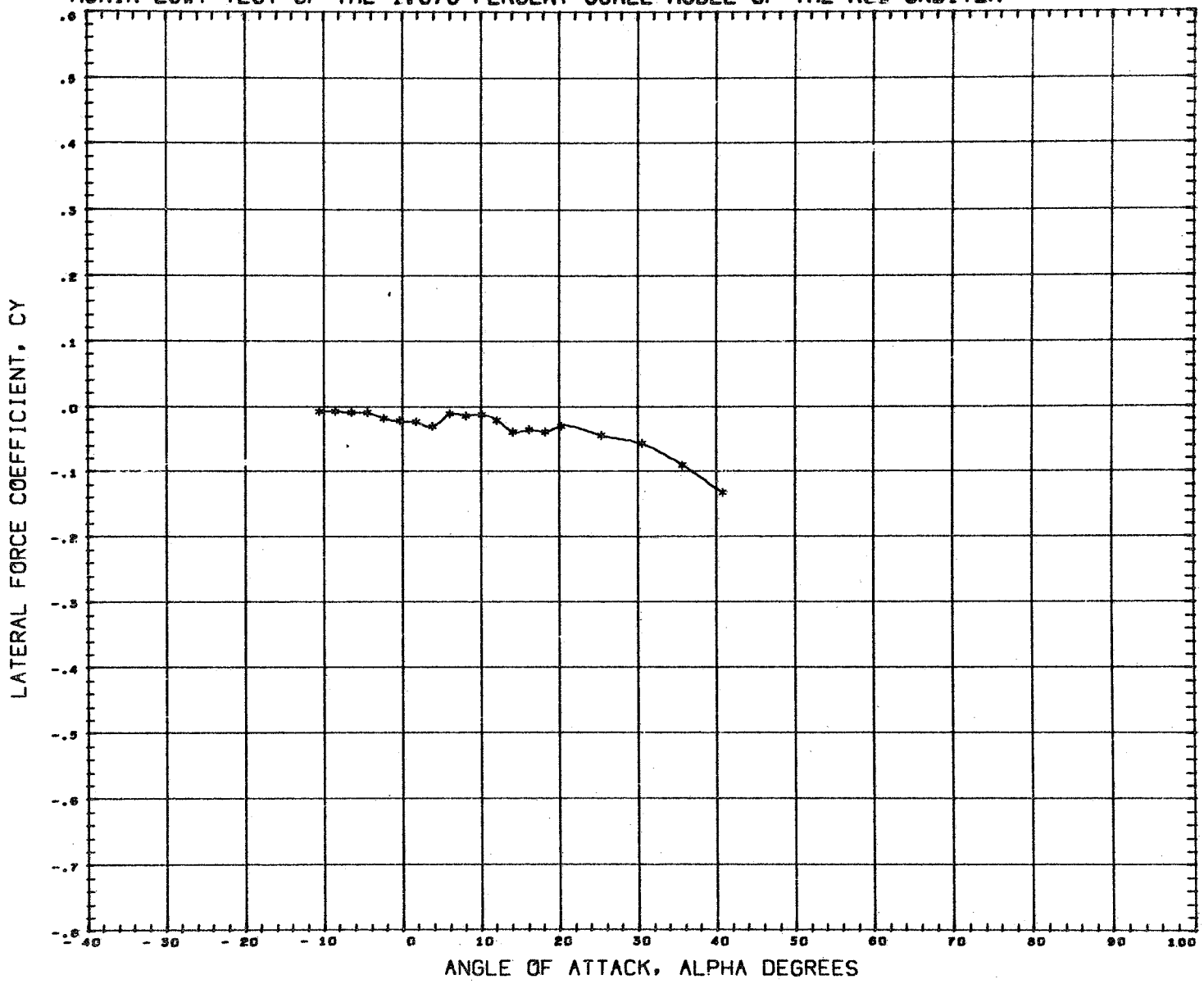
MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH		PARAMETRIC VALUES		
*	0.250	BETA	0.000	HTAIL	0.000
		ELEVTR	20.000	PHI	0.000
		WINGLO	12.211		

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REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
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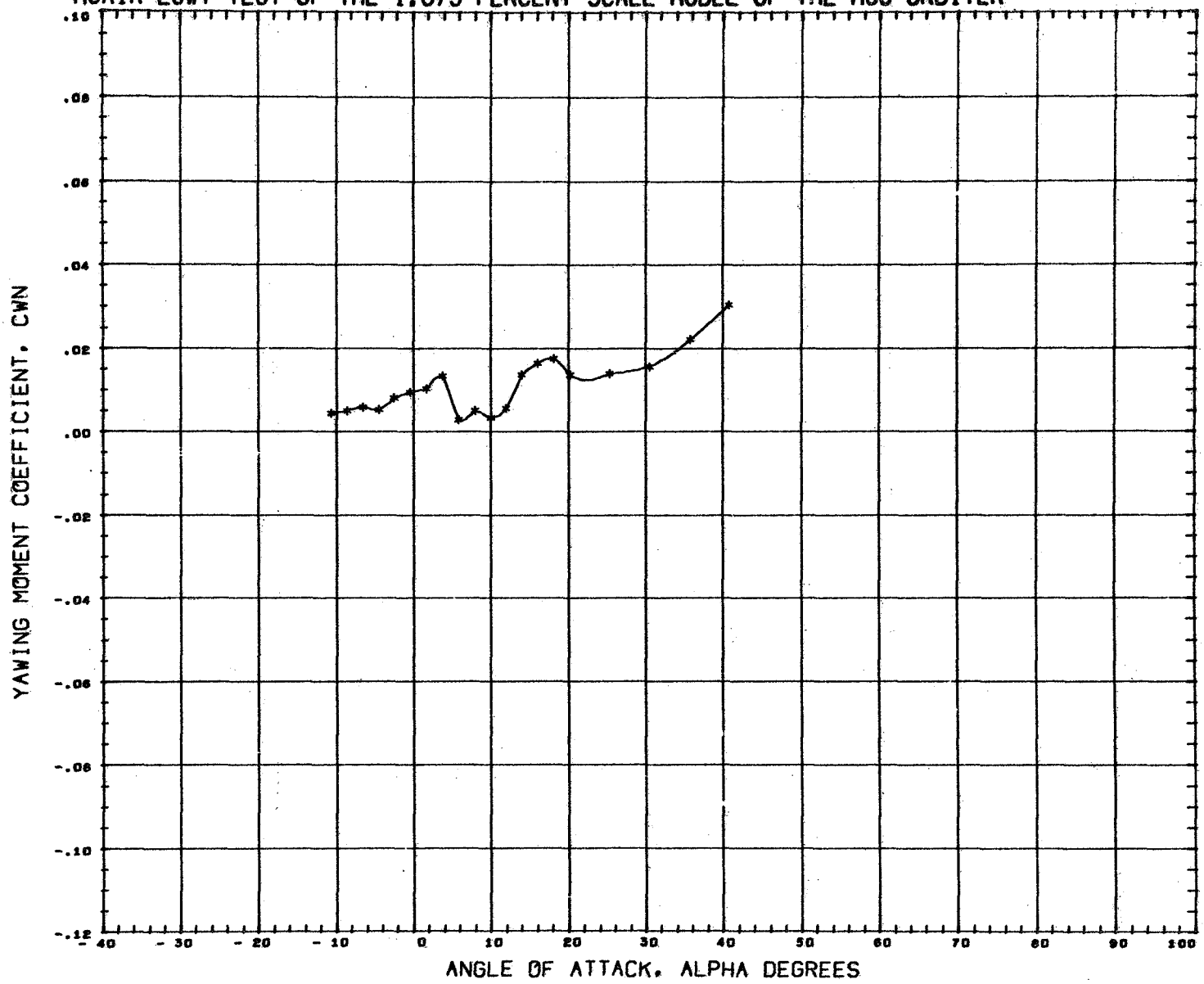
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	0.000	HTAIL	0.000
		ELEVTR	20.000	PHI	0.000
		WINGLO	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
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ZMRP	$2.40000 \times 10^{+00}$	IN.
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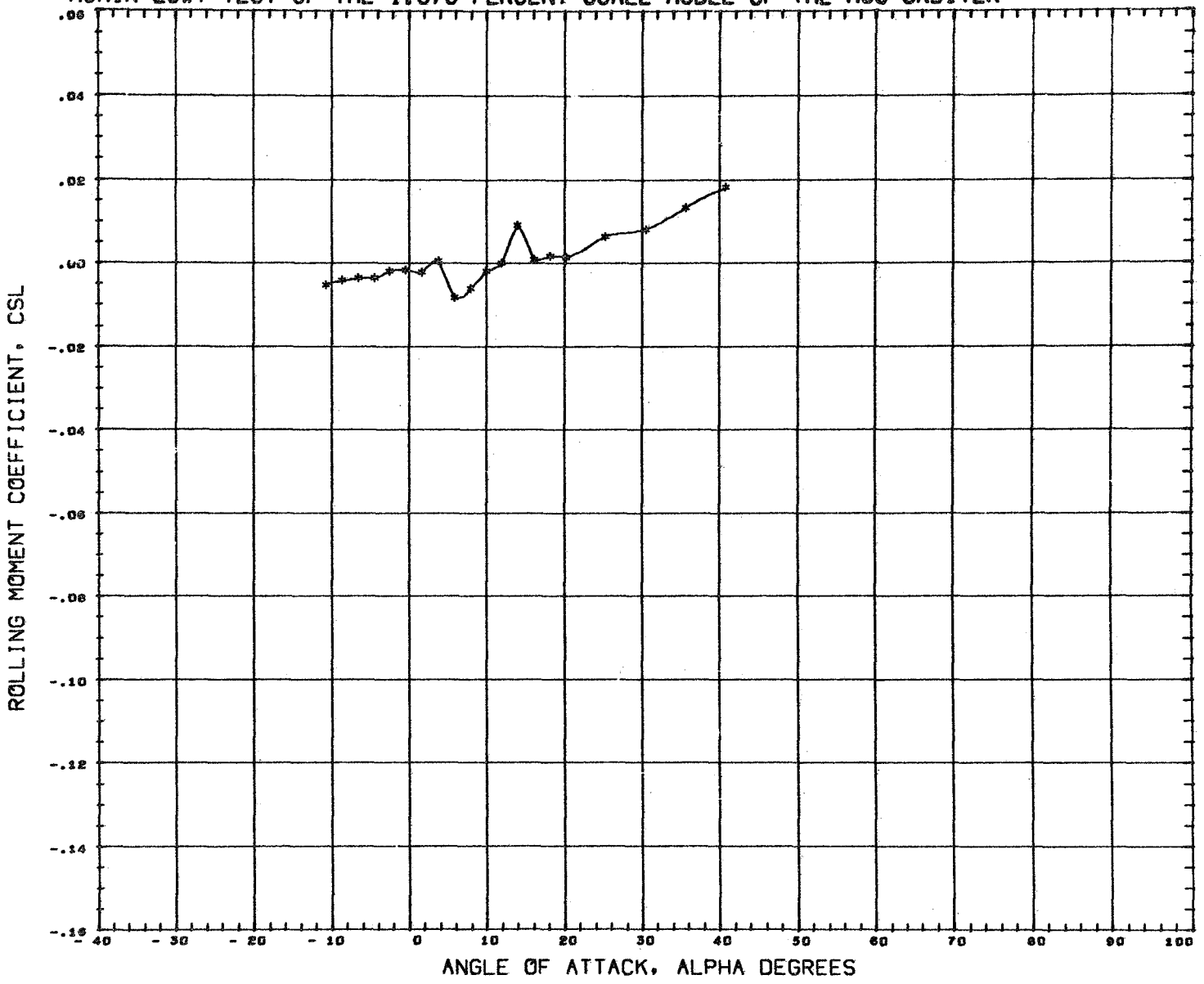
MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	0.000	HTAIL	0.000
		ELEVTR	20.000	PHI	0.000
		WINGLO	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
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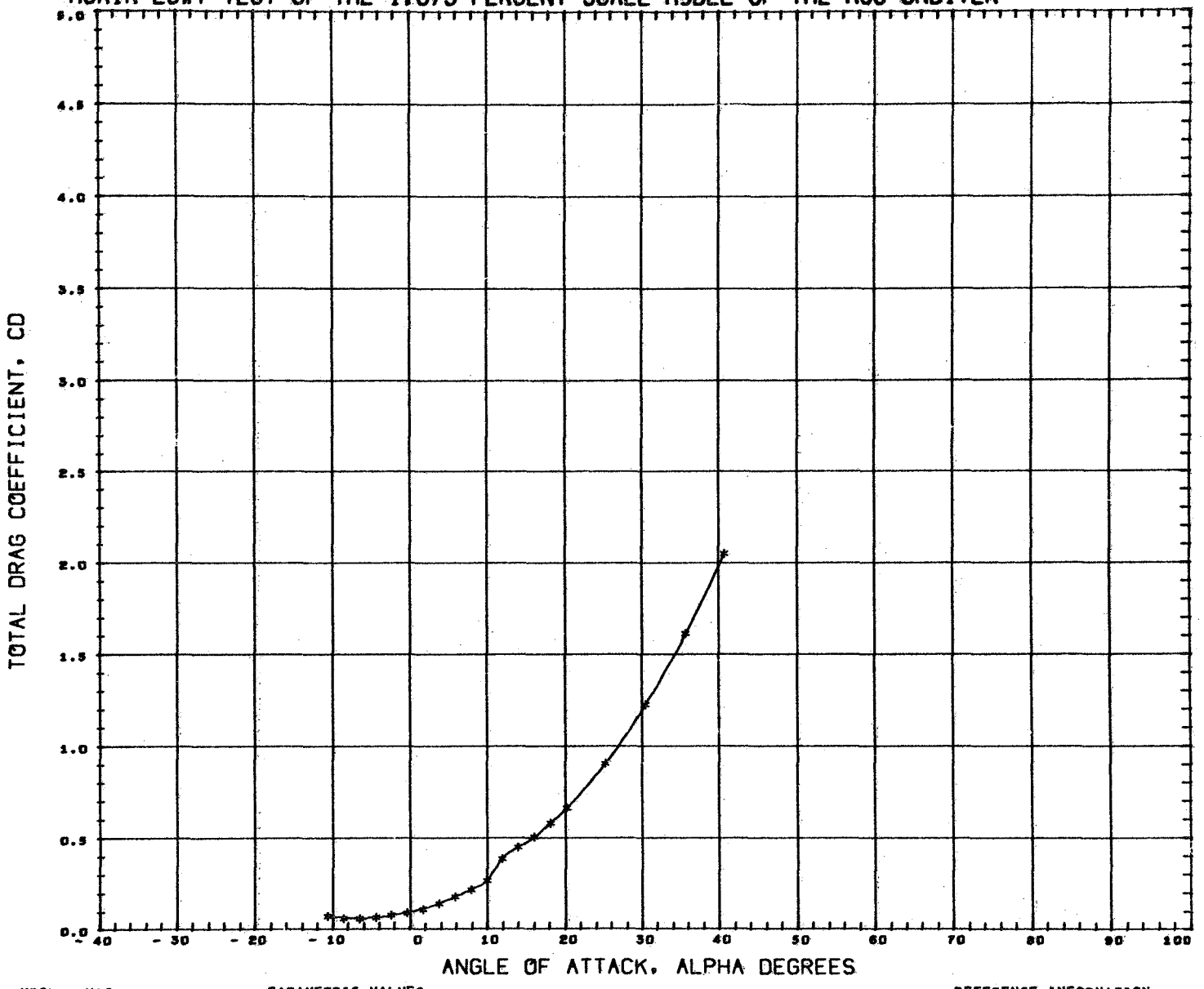
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
●	0.250	BETA	0.000	HTAIL	0.000
		ELEVTR	20.000	PHI	0.000
		WINGLO	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
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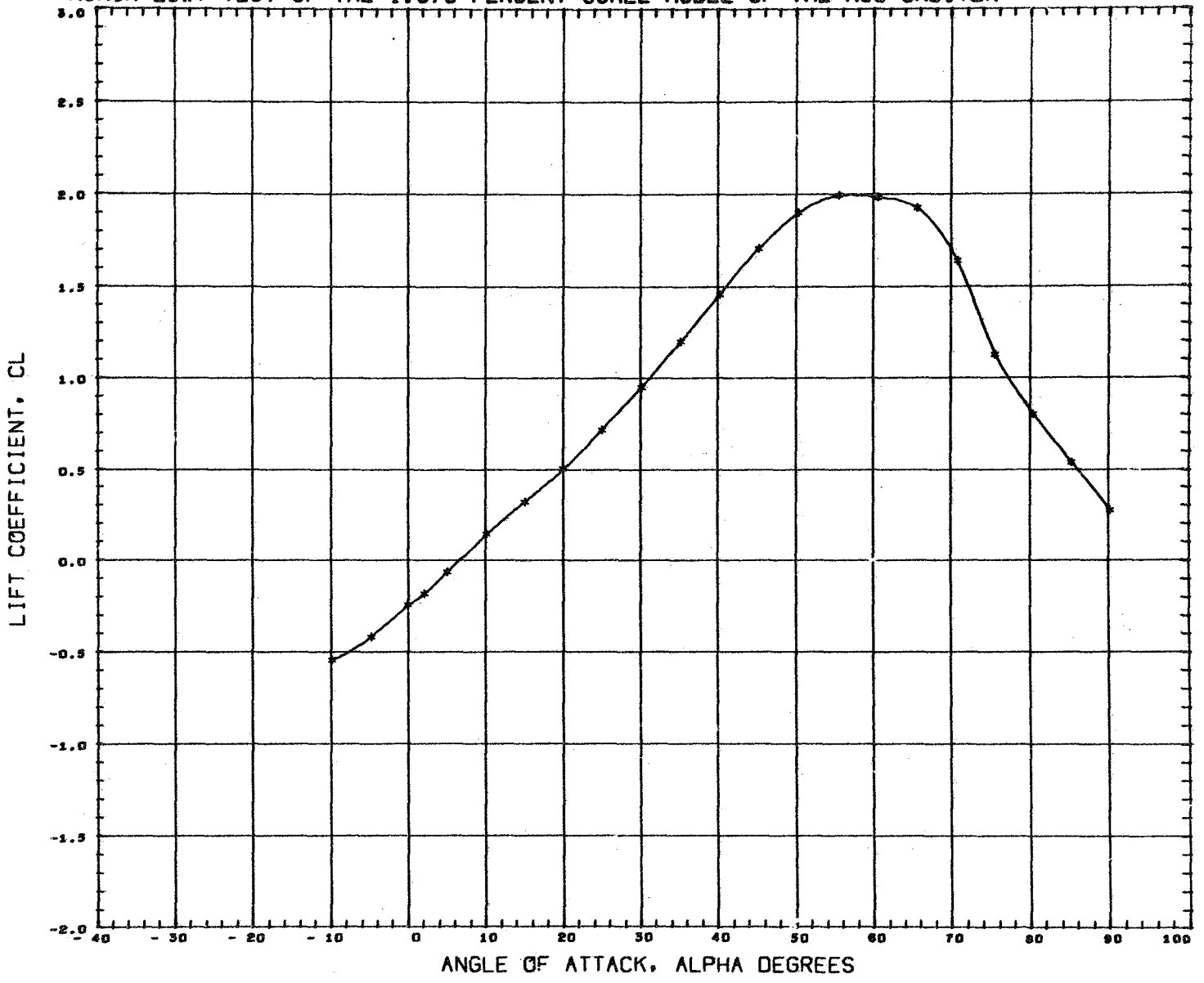
MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



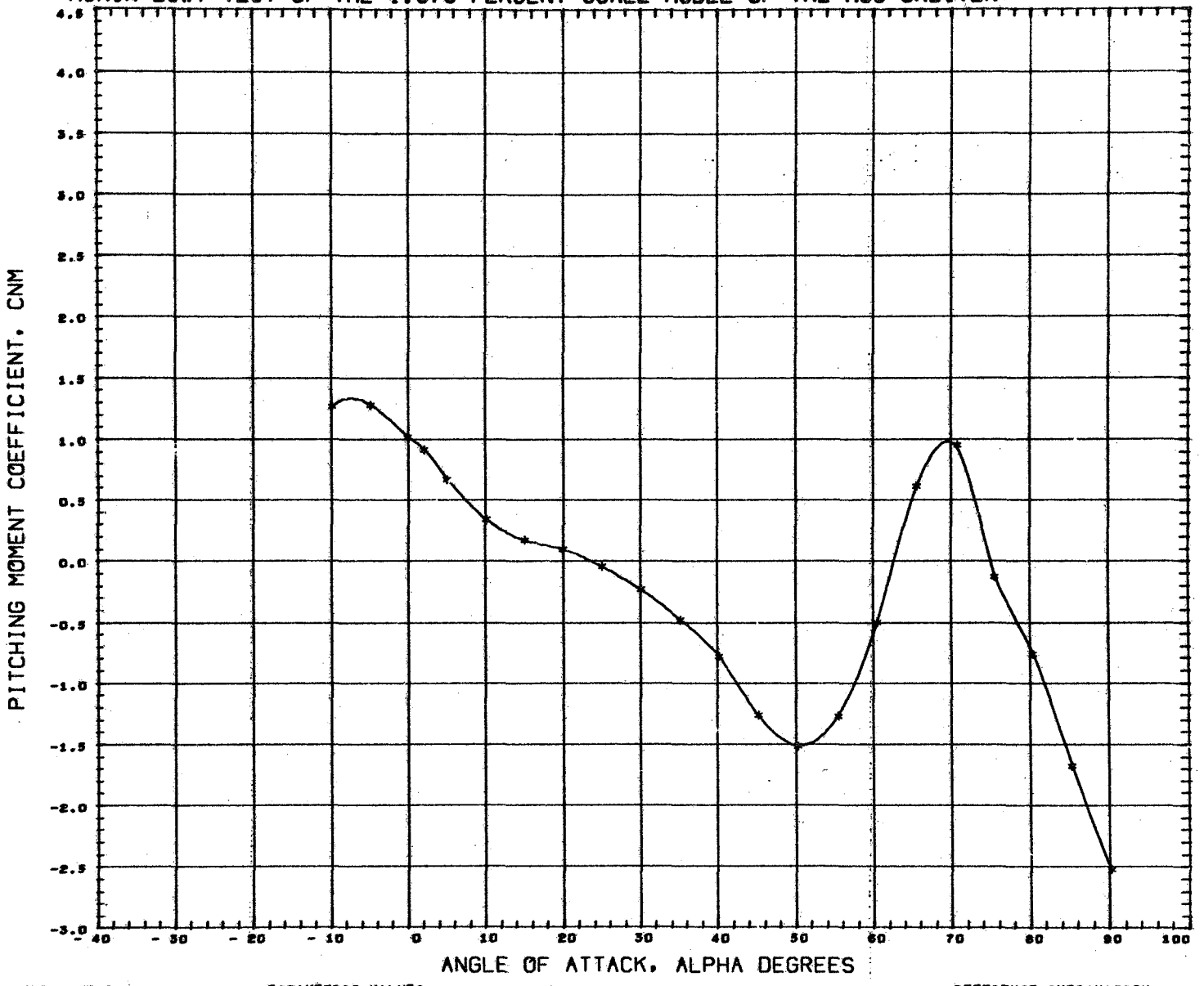
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	0.000	HTAIL	0.000
		ELEVTR	- 20.000	PHI	0.000
		WINGLO	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	0.000	HTAIL	0.000
		ELEVTR	- 20.000	PHI	0.000
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REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
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XMRP	$1.38370 \times 10^{+01}$	IN.
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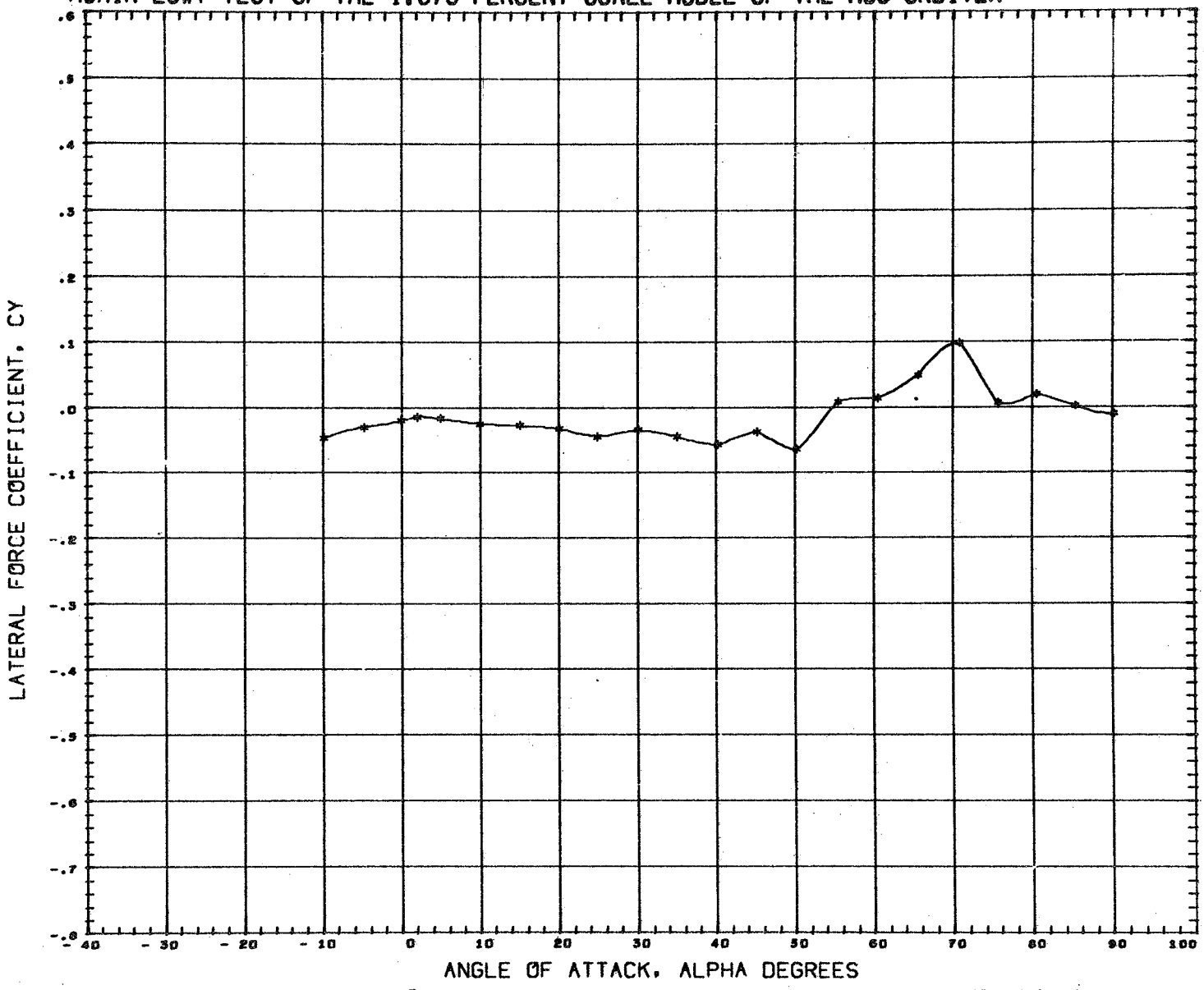
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	0.000	HTAIL	0.000
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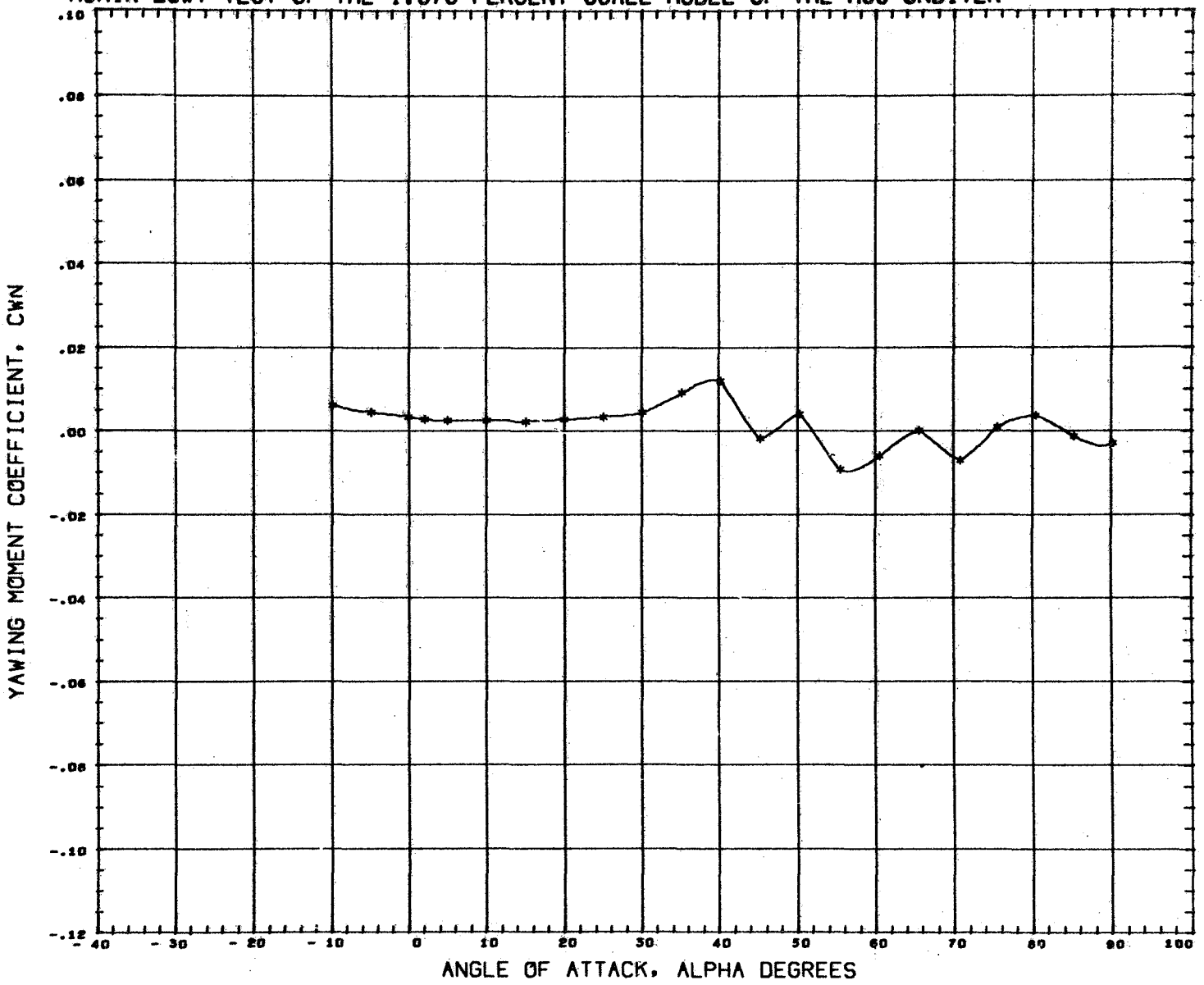
		WINGLO	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20000×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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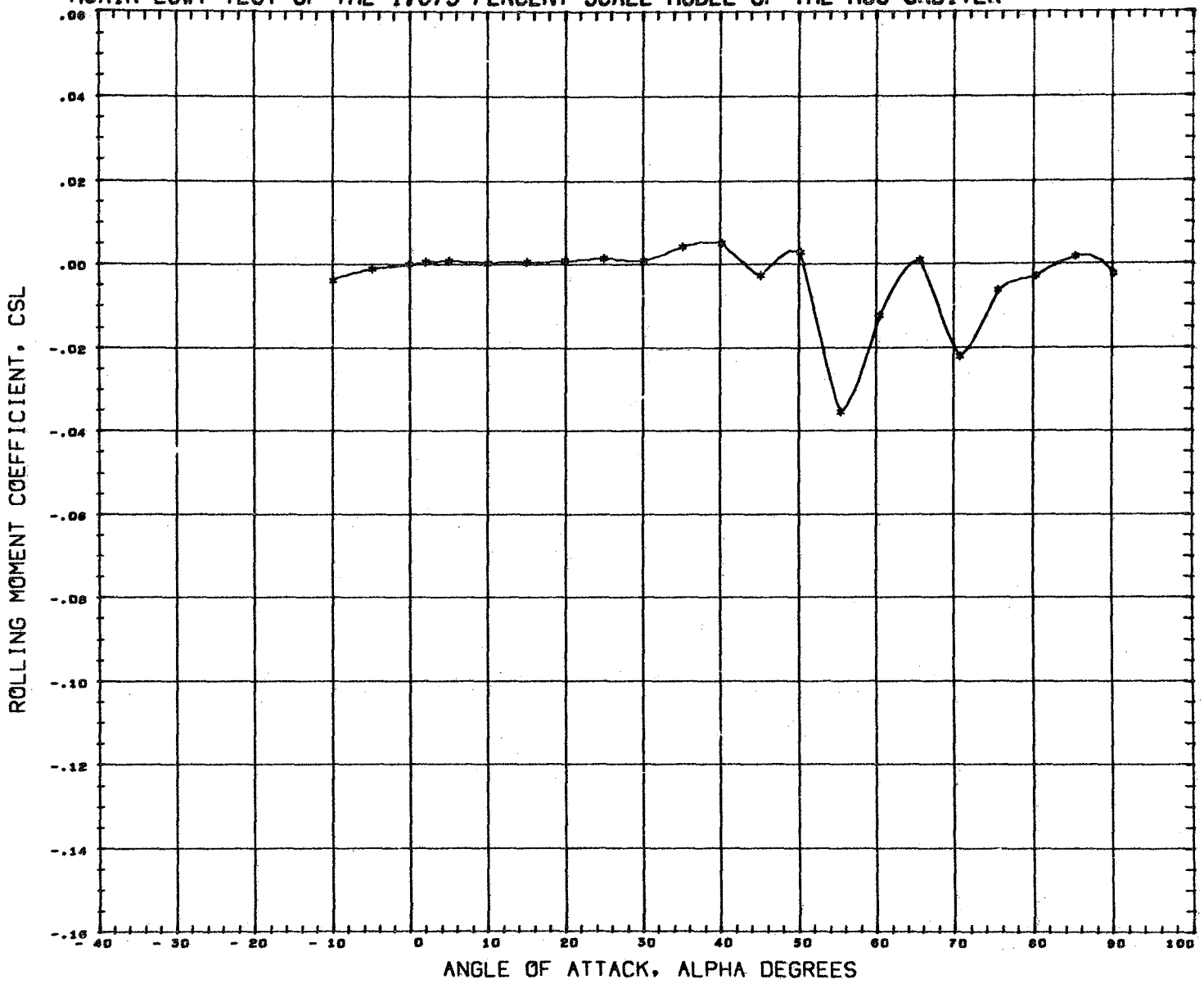

SYMBOL	MACH	PARAMETRIC VALUES			
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REFL	2.31700×10^{-01}	FT.
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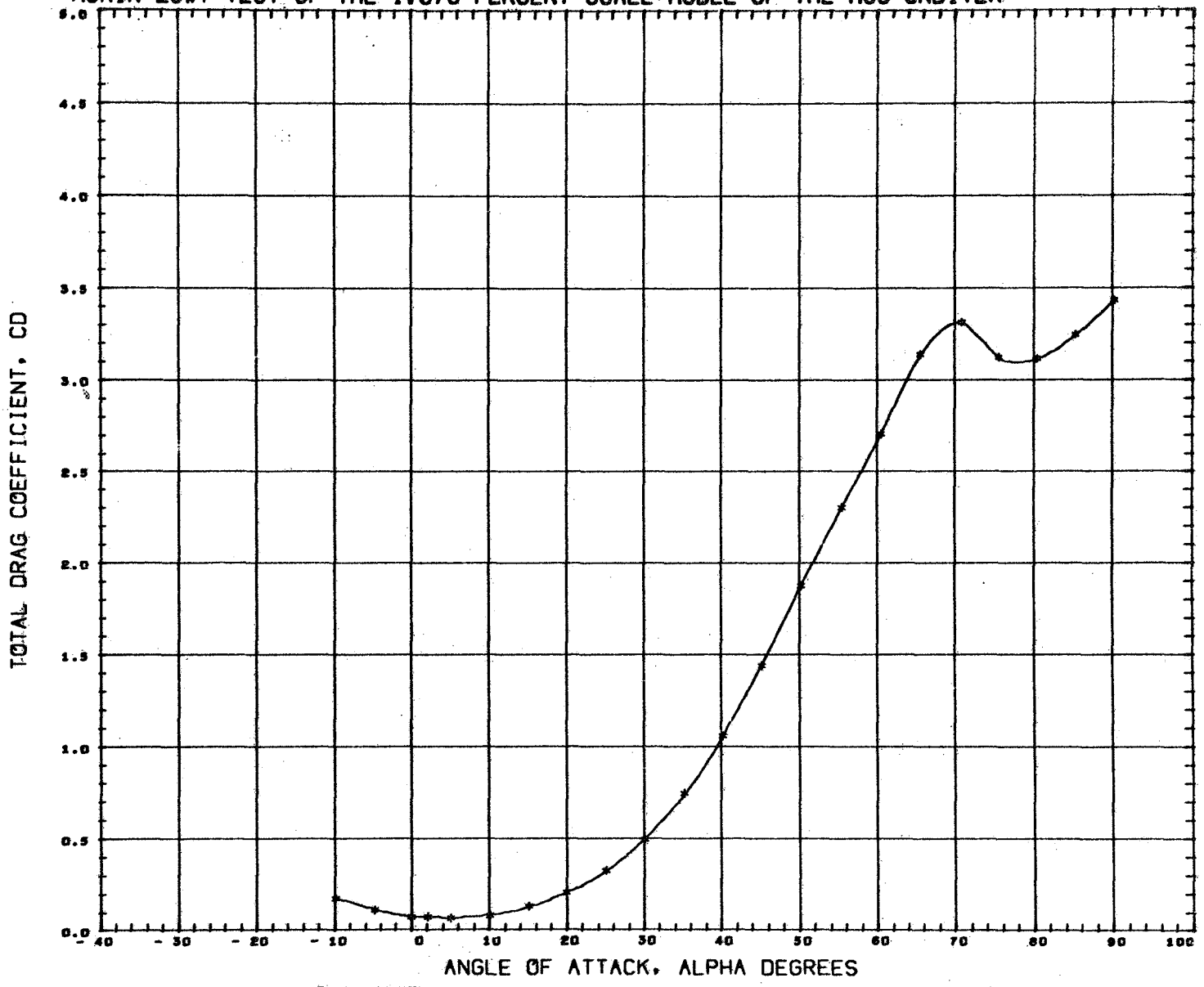

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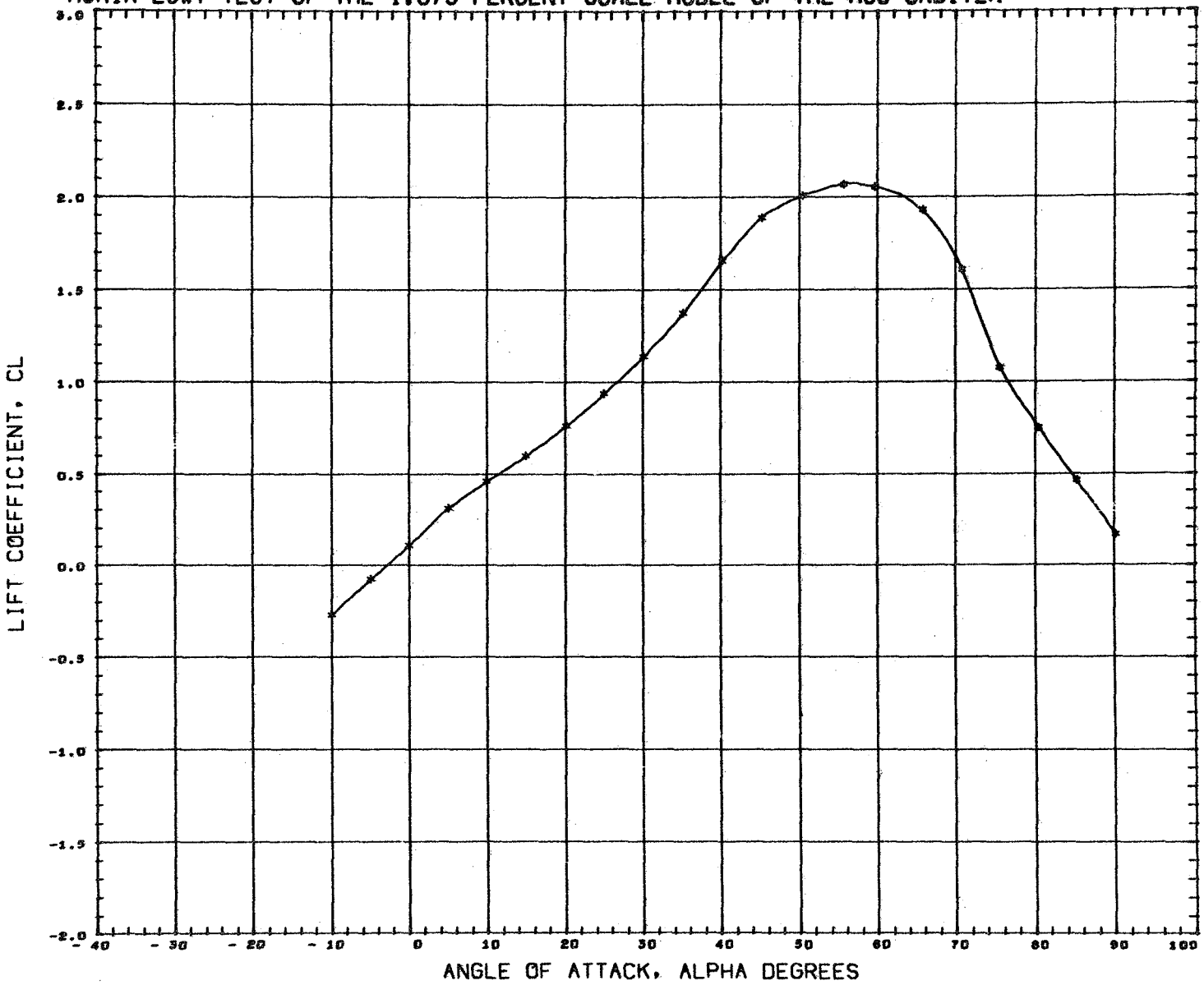

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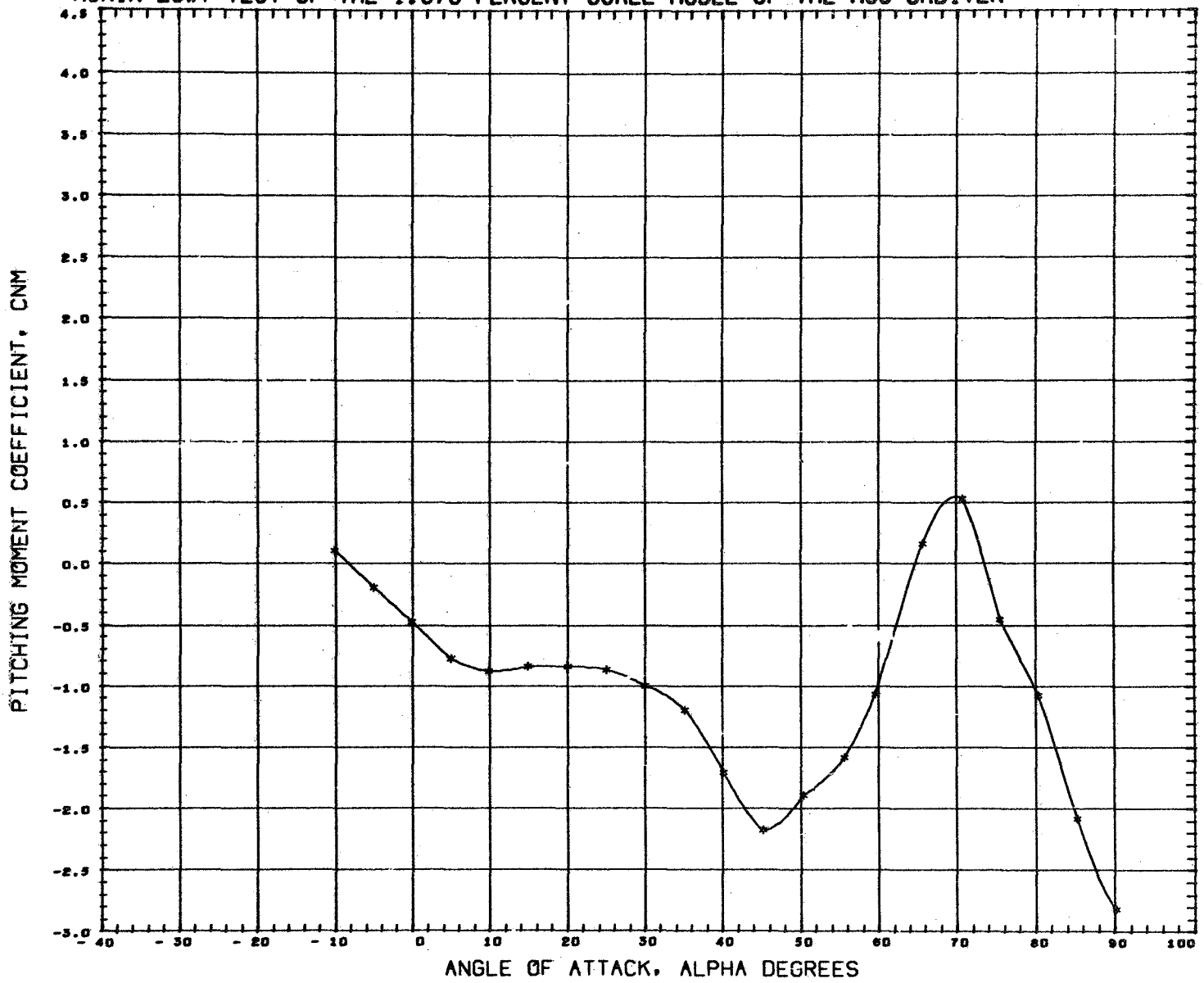

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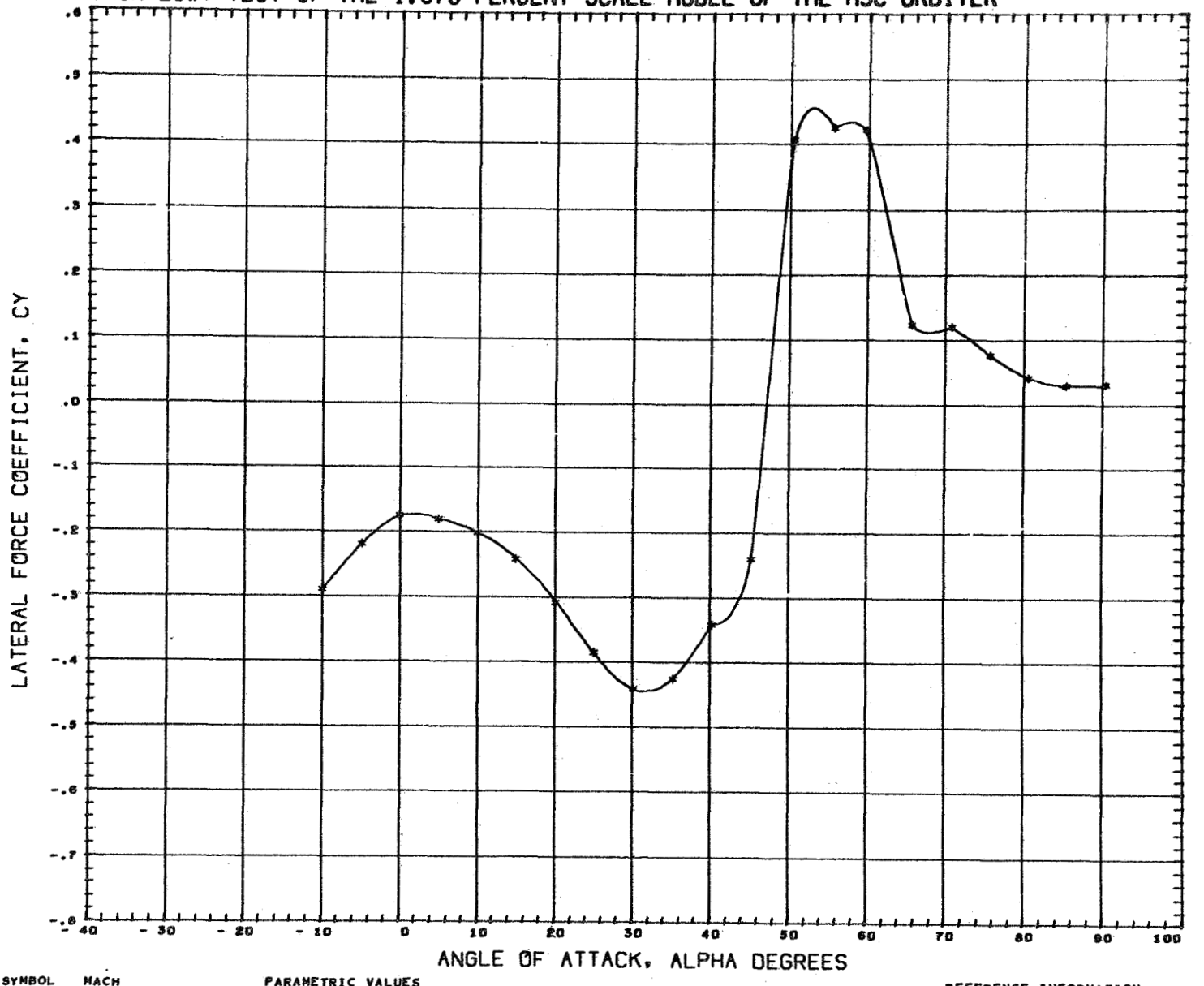
REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



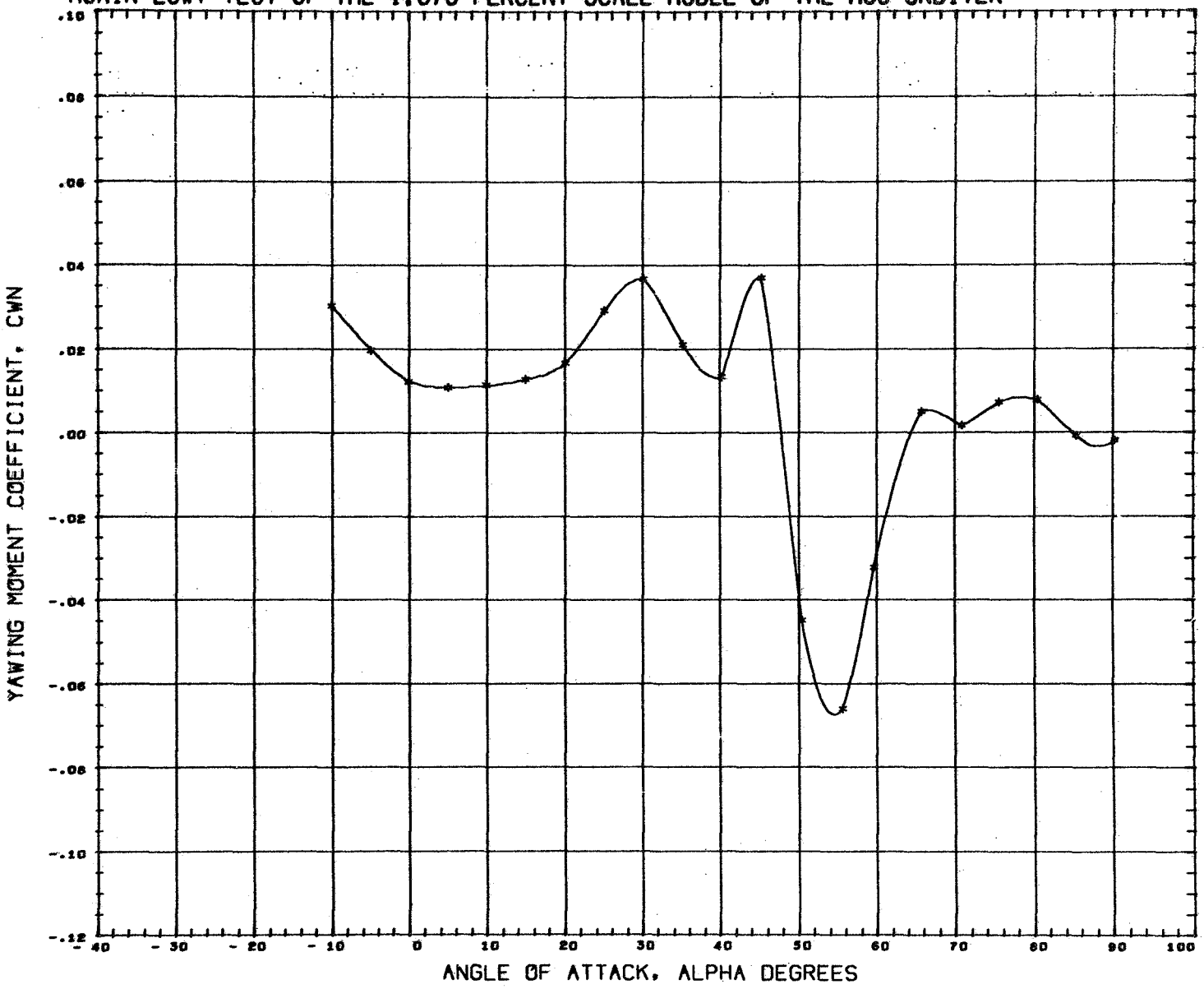
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



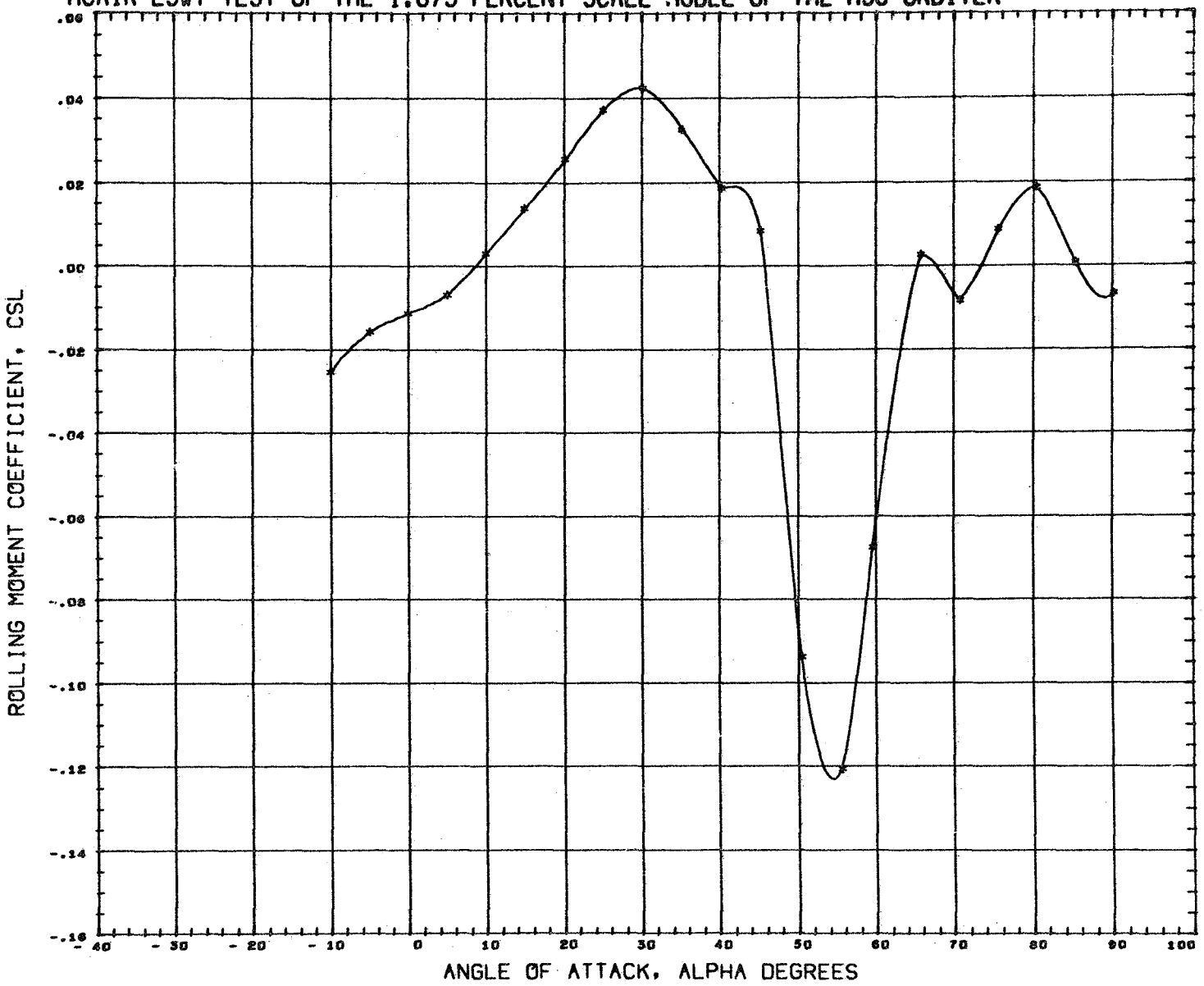
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



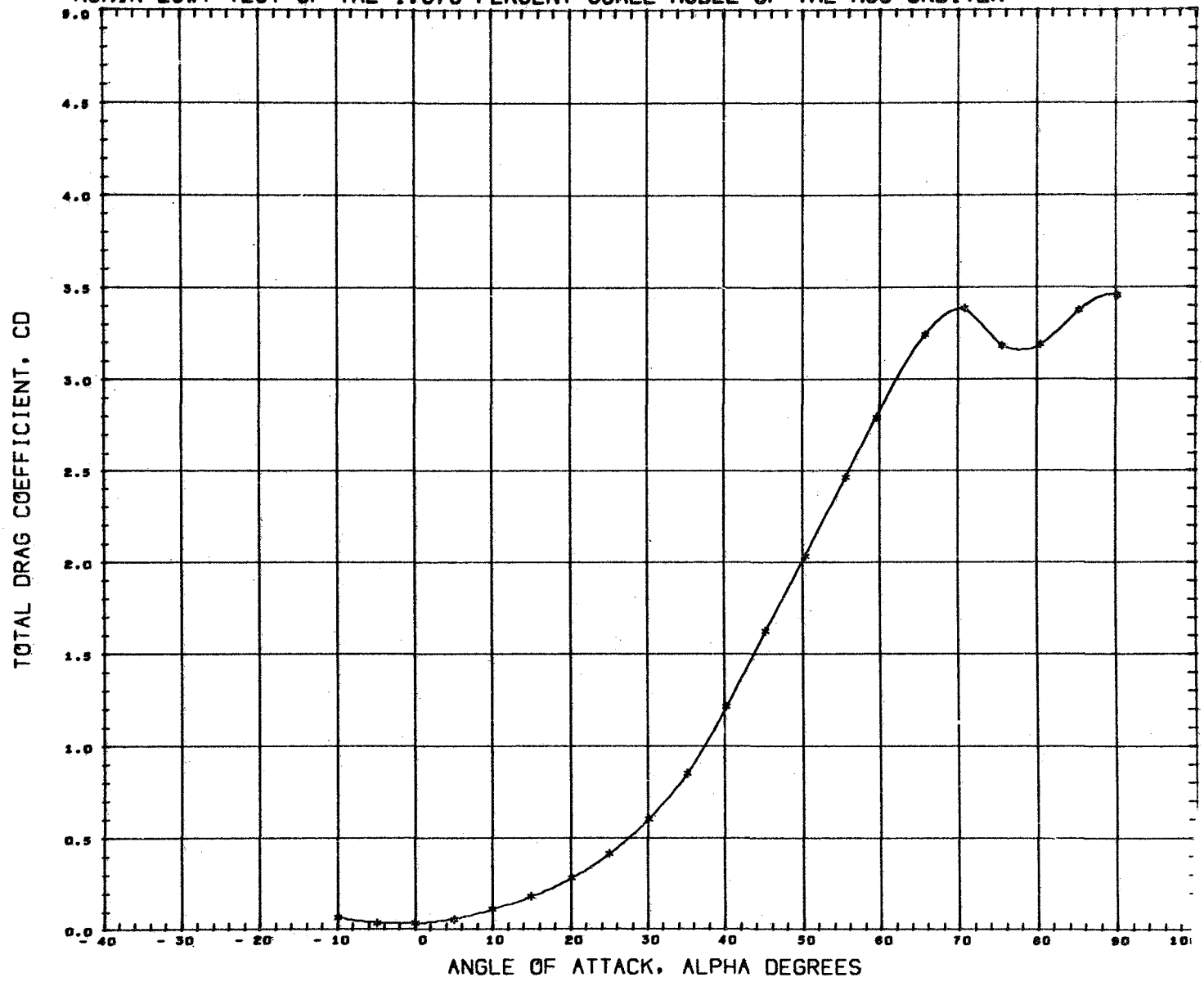
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



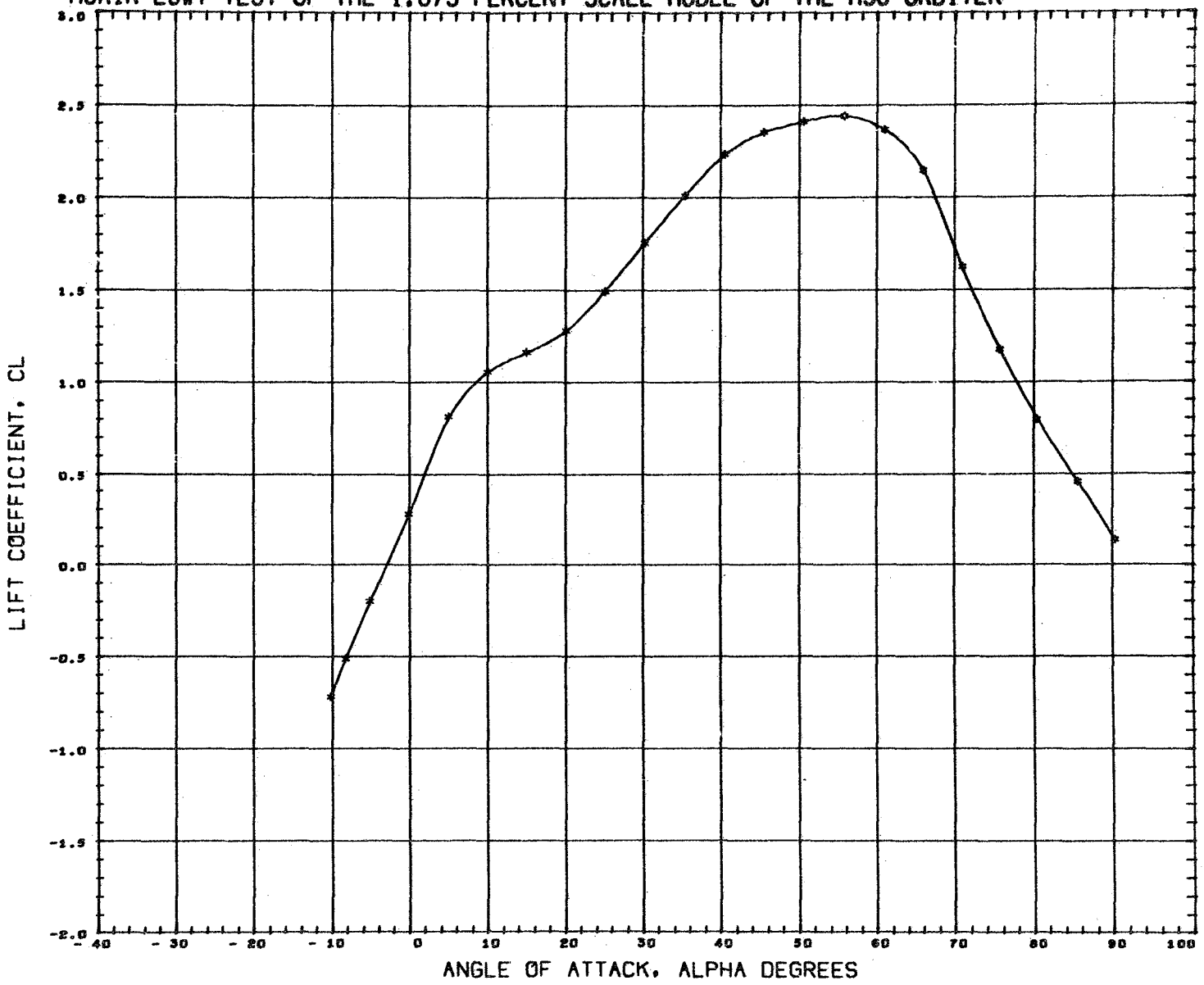
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



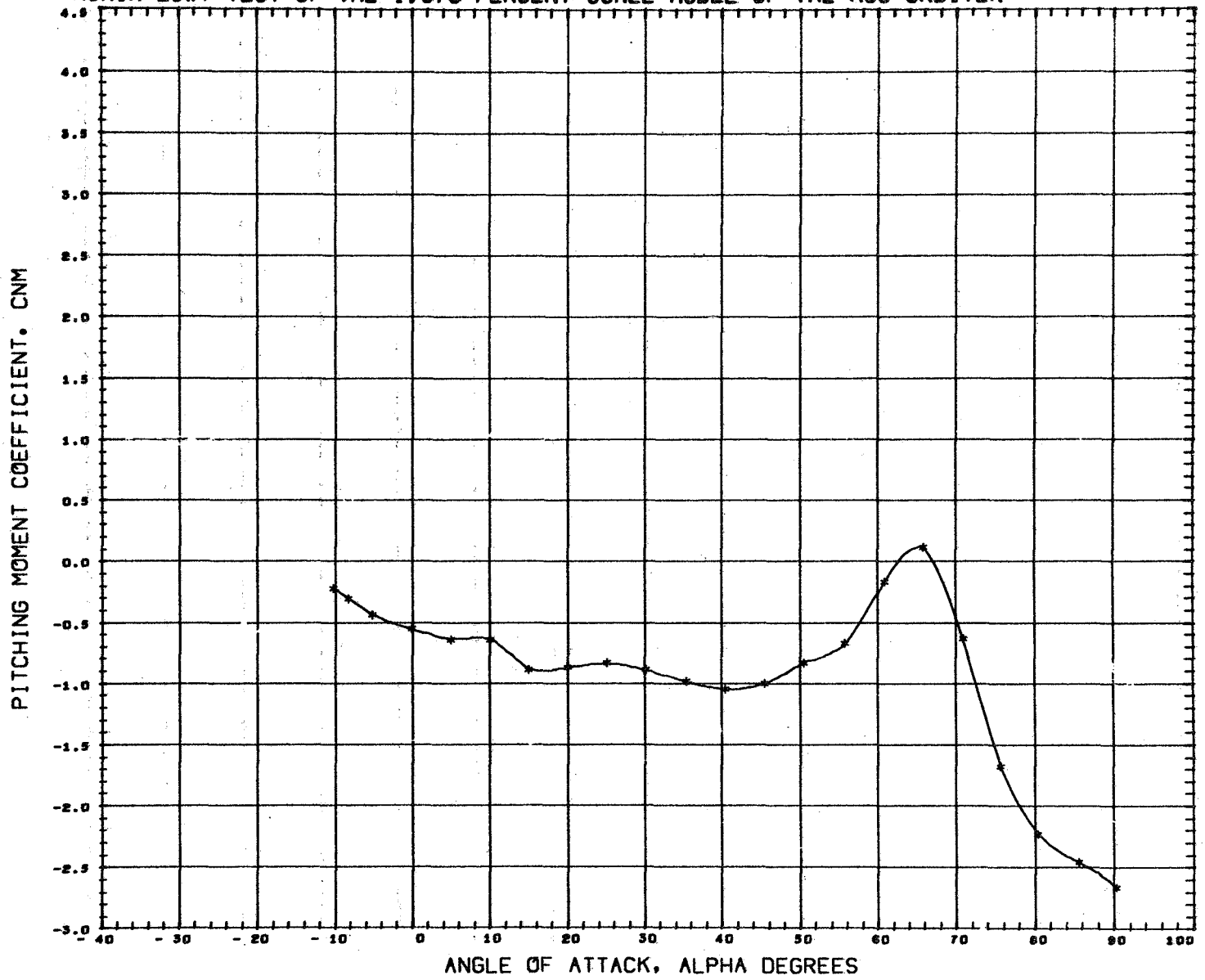
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20600×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



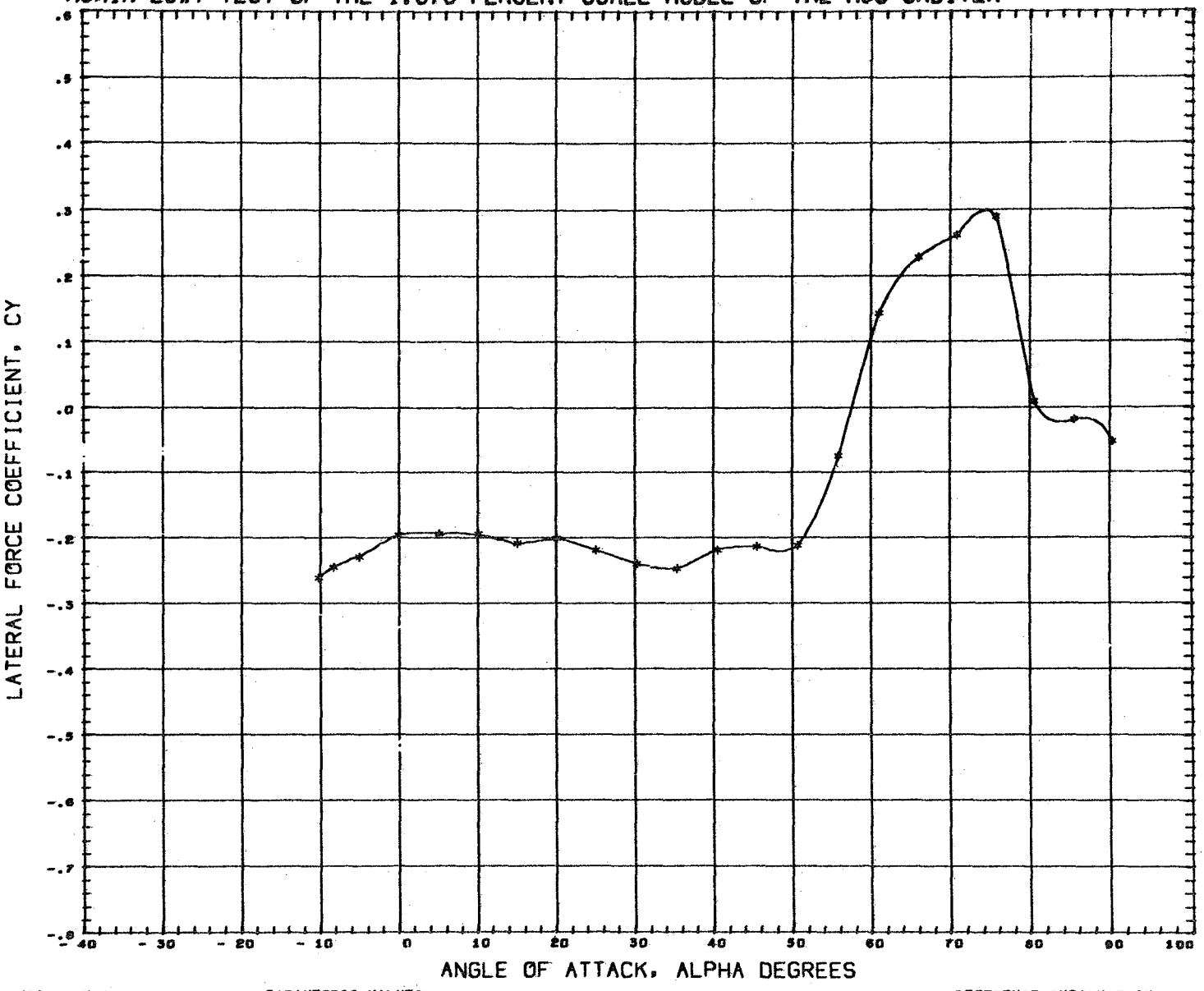
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20600×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

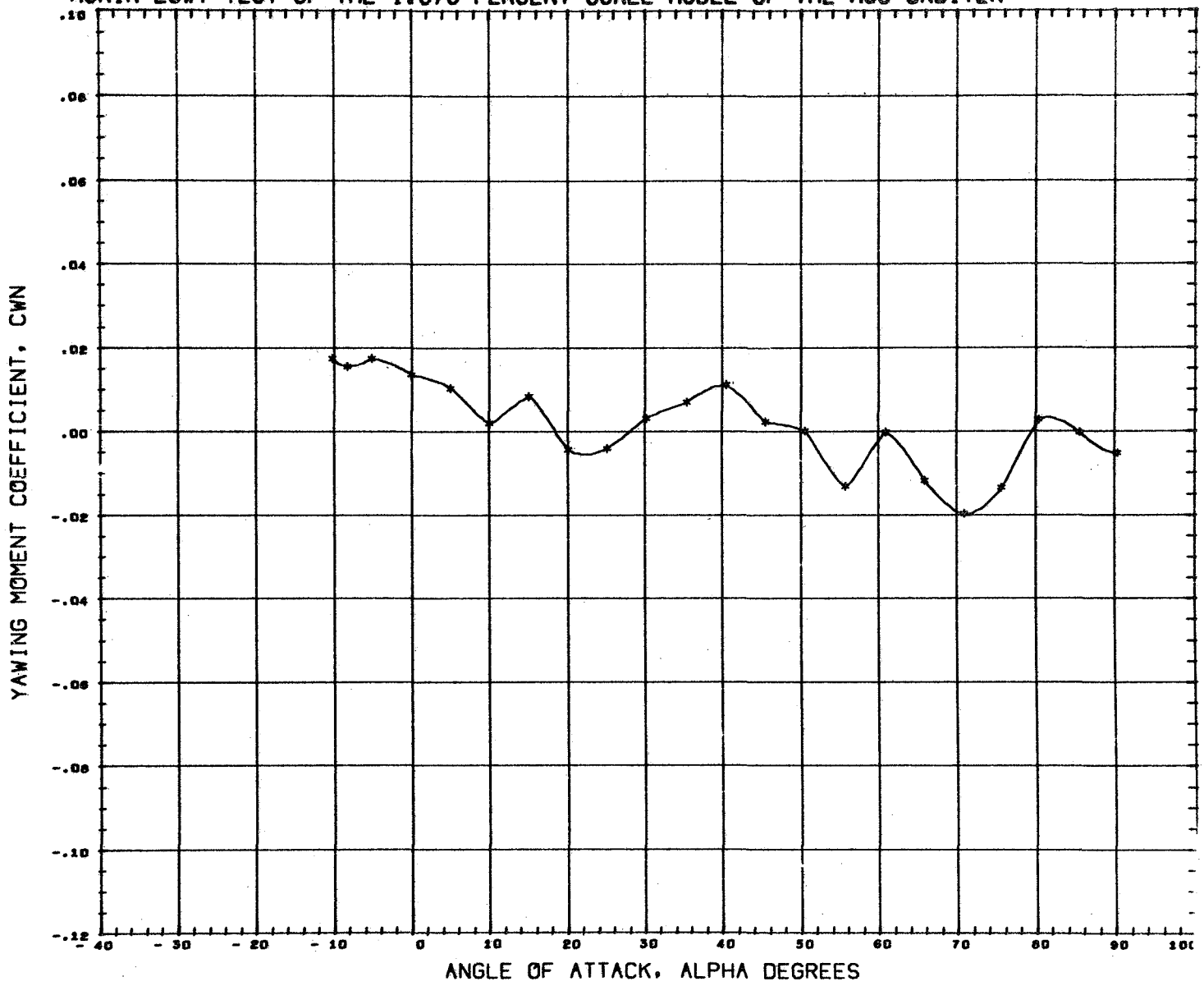
REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1 (RC1H02) 28 JUL 70 PAGE 223

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



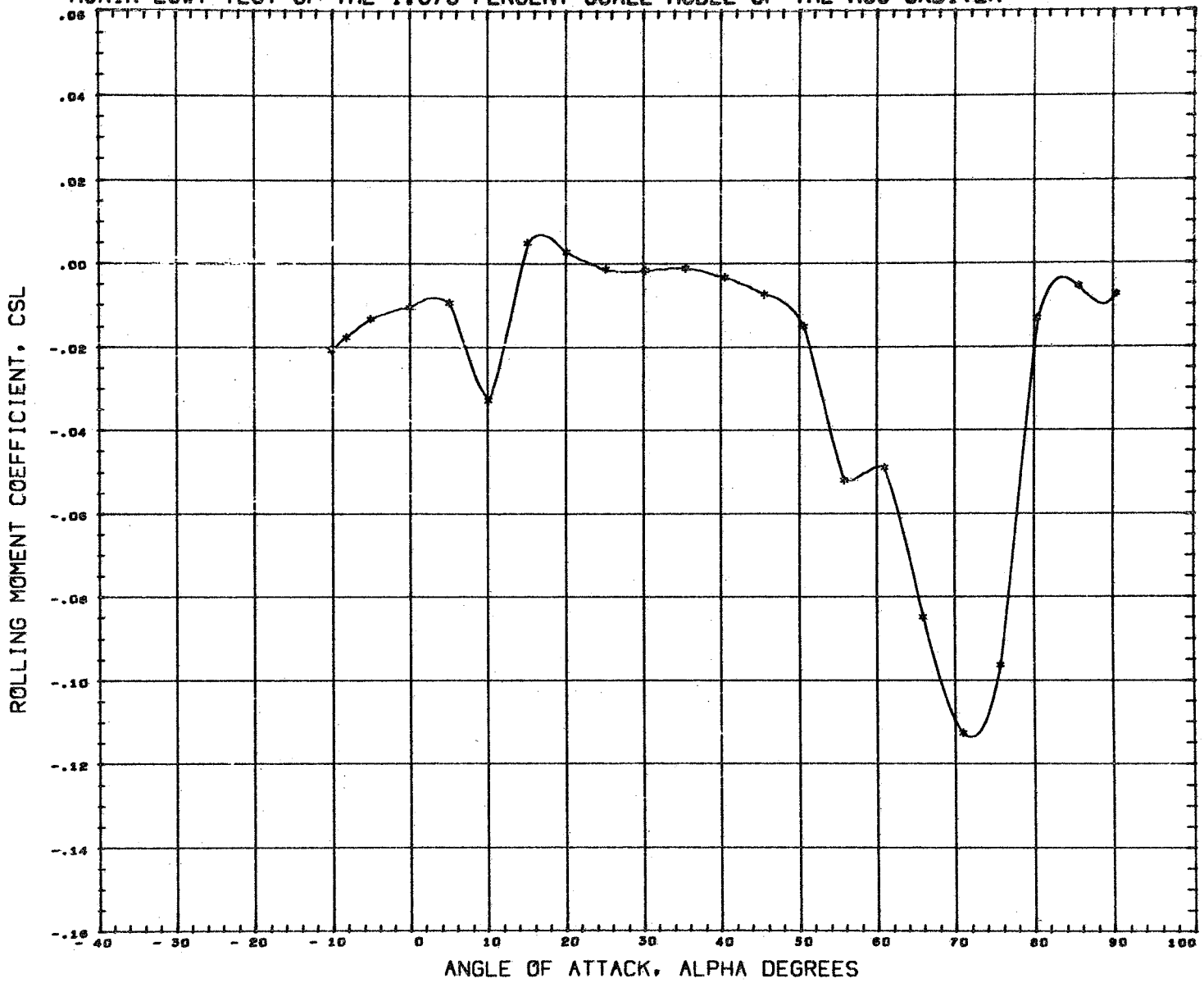
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



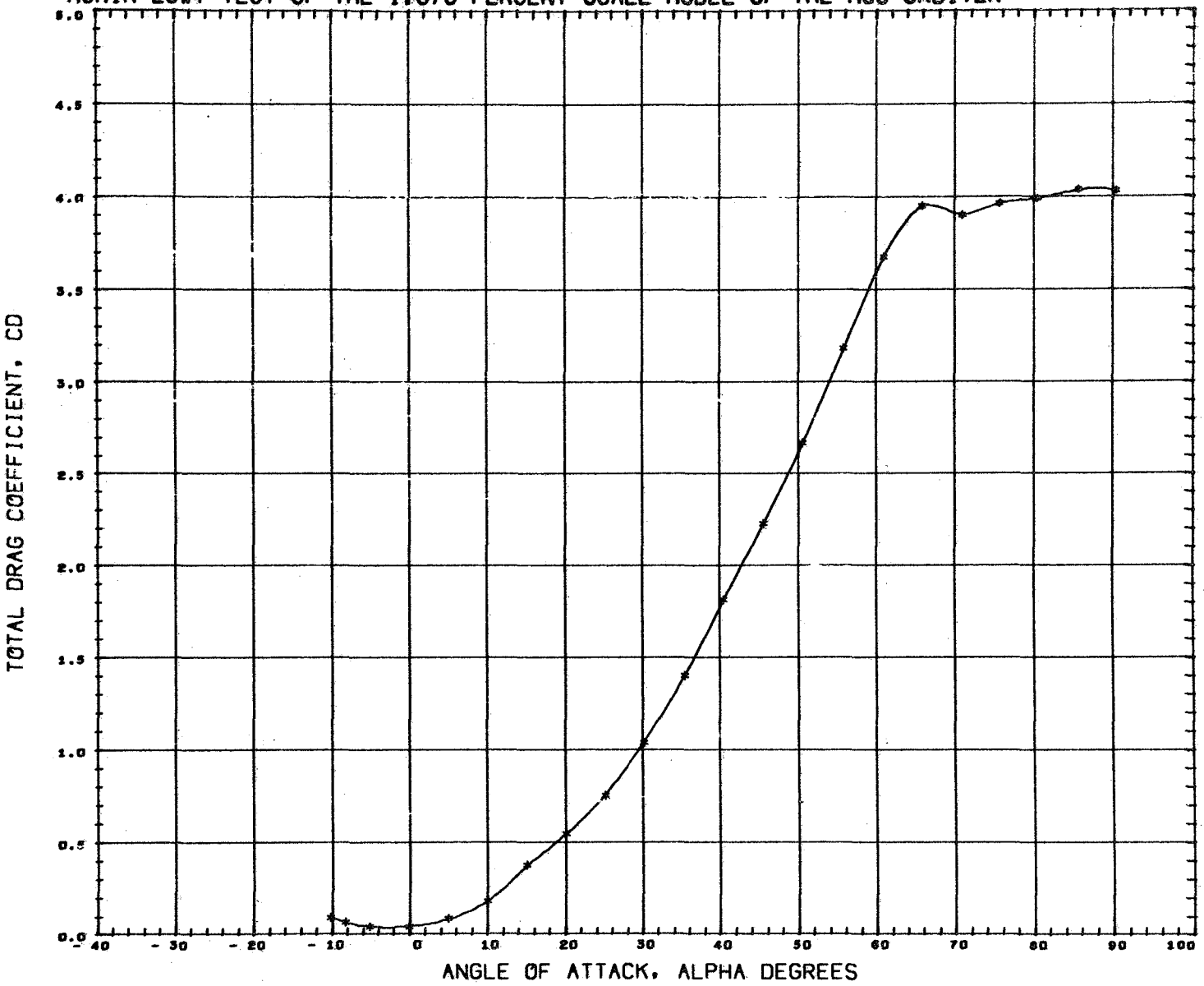
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.36370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



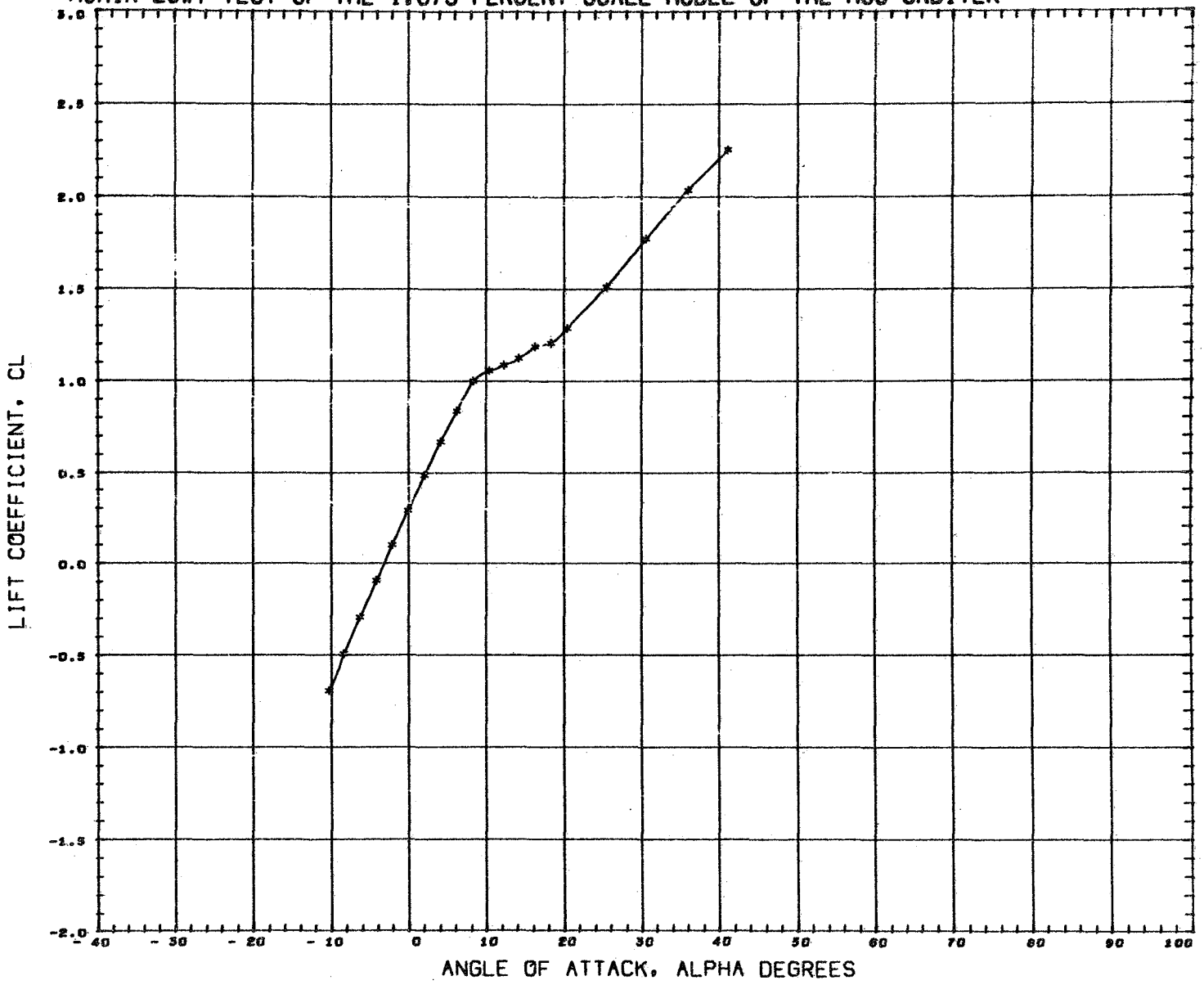
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE 9DY 37:00150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



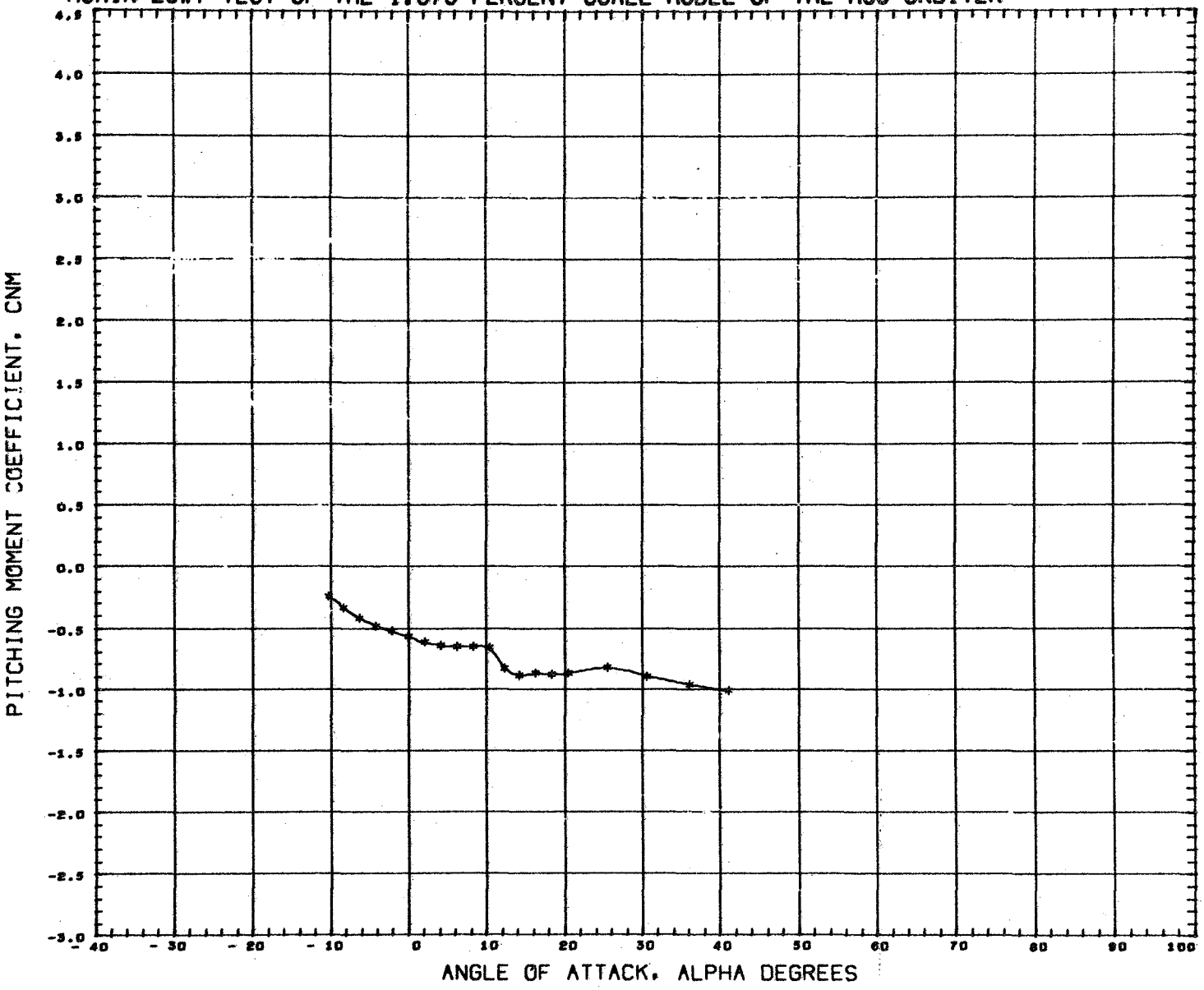
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

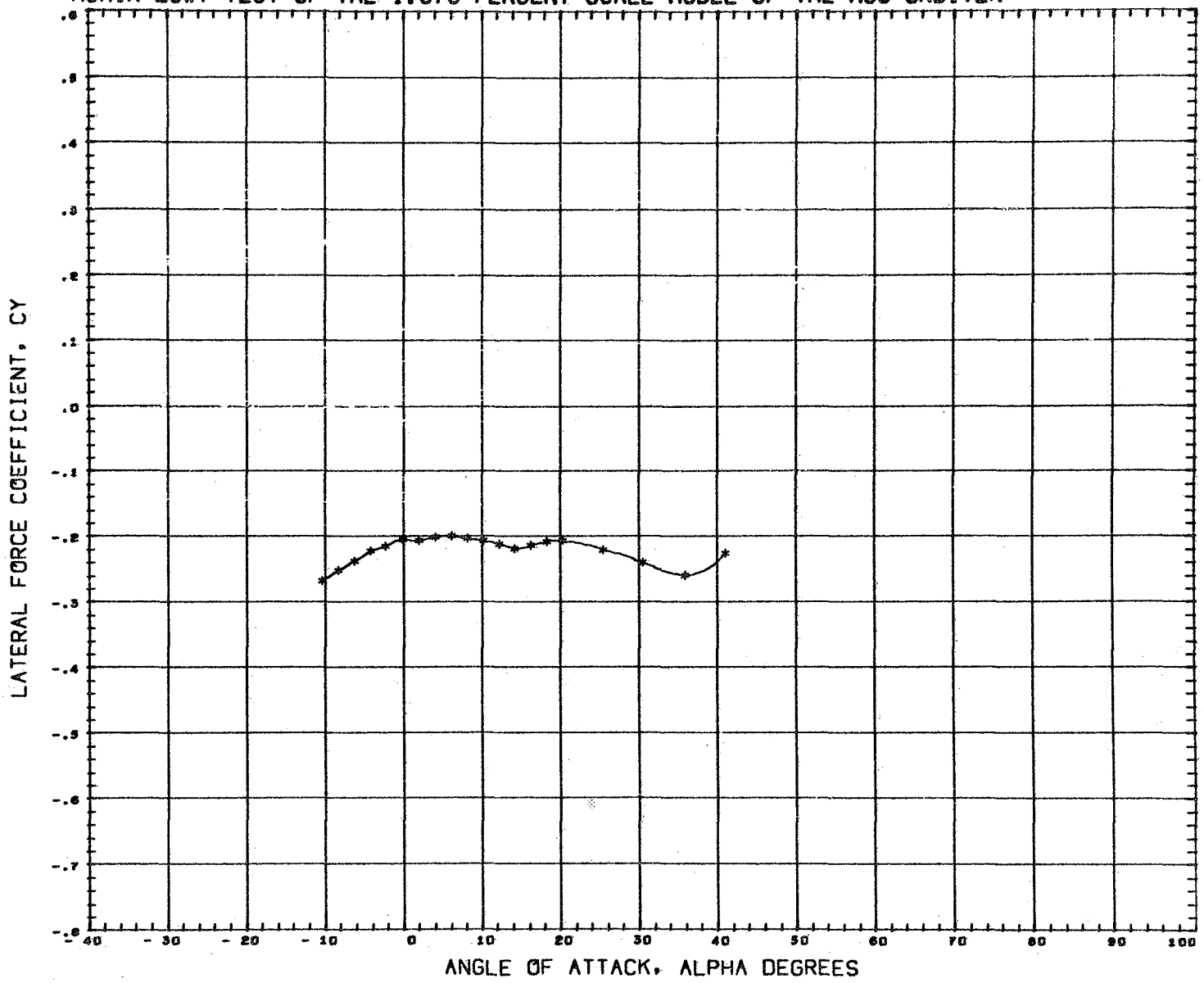
REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1 (RC1H03) 28 JUL 70 PAGE 228

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



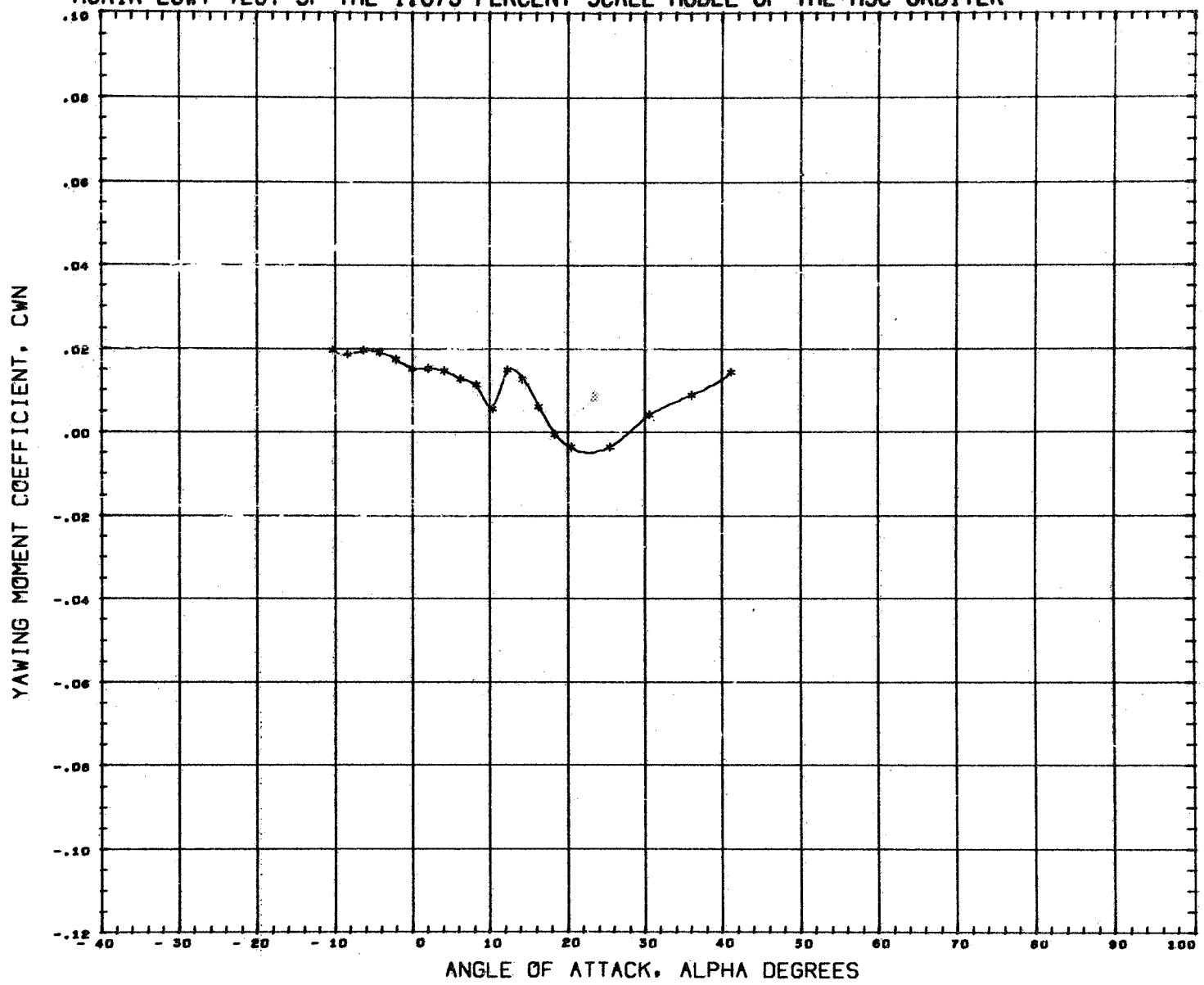
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



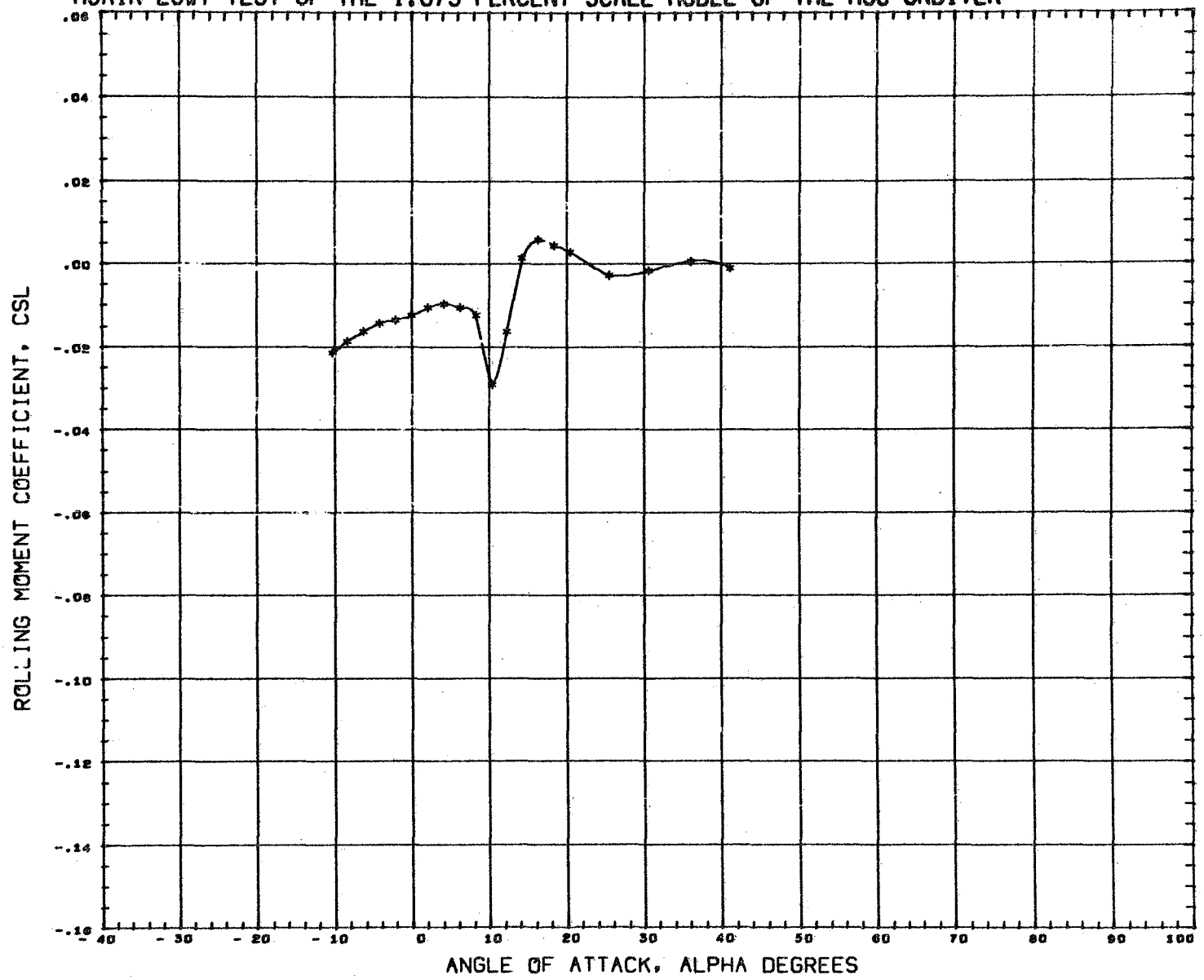
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100153

REFERENCE INFORMATION

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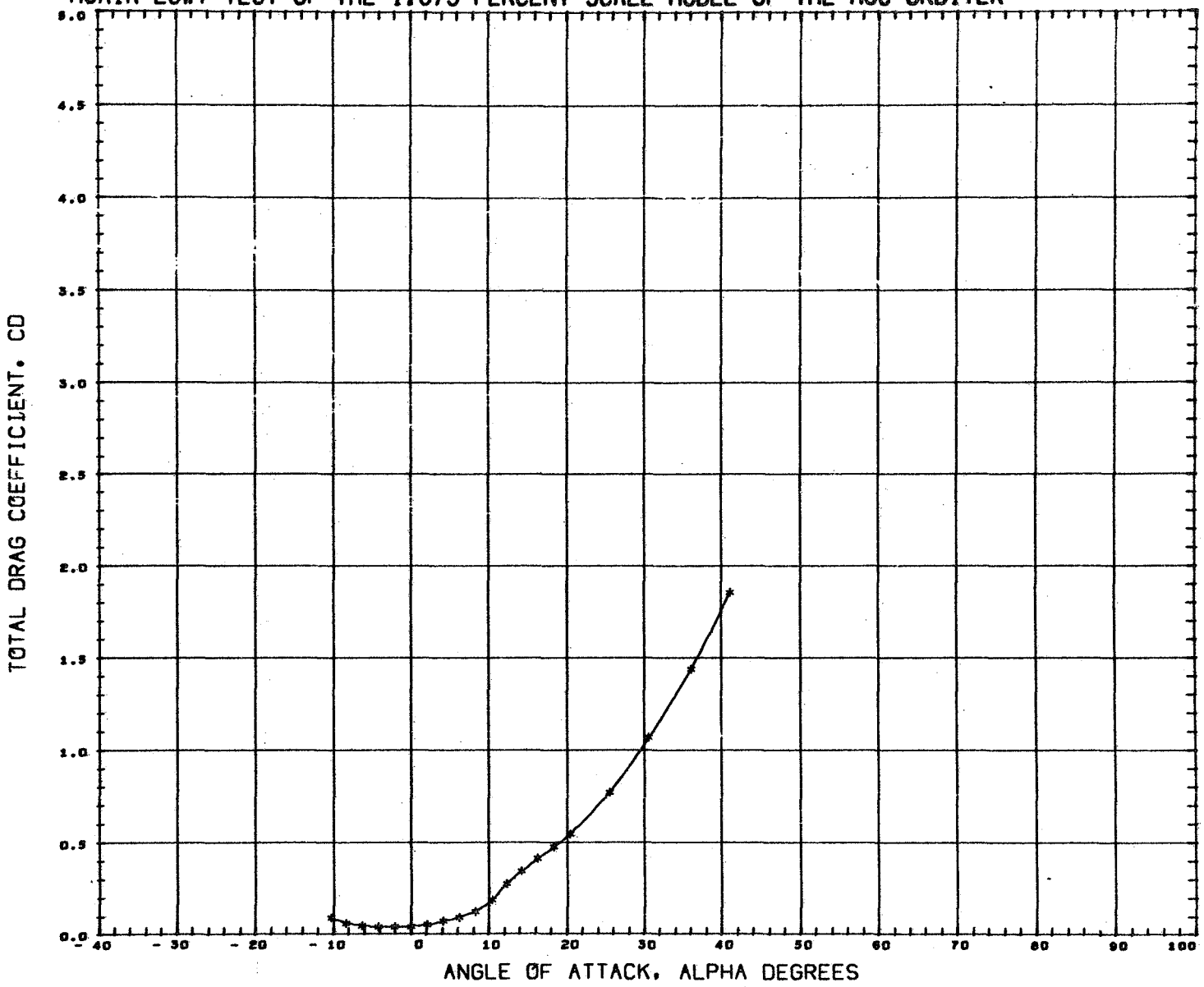
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



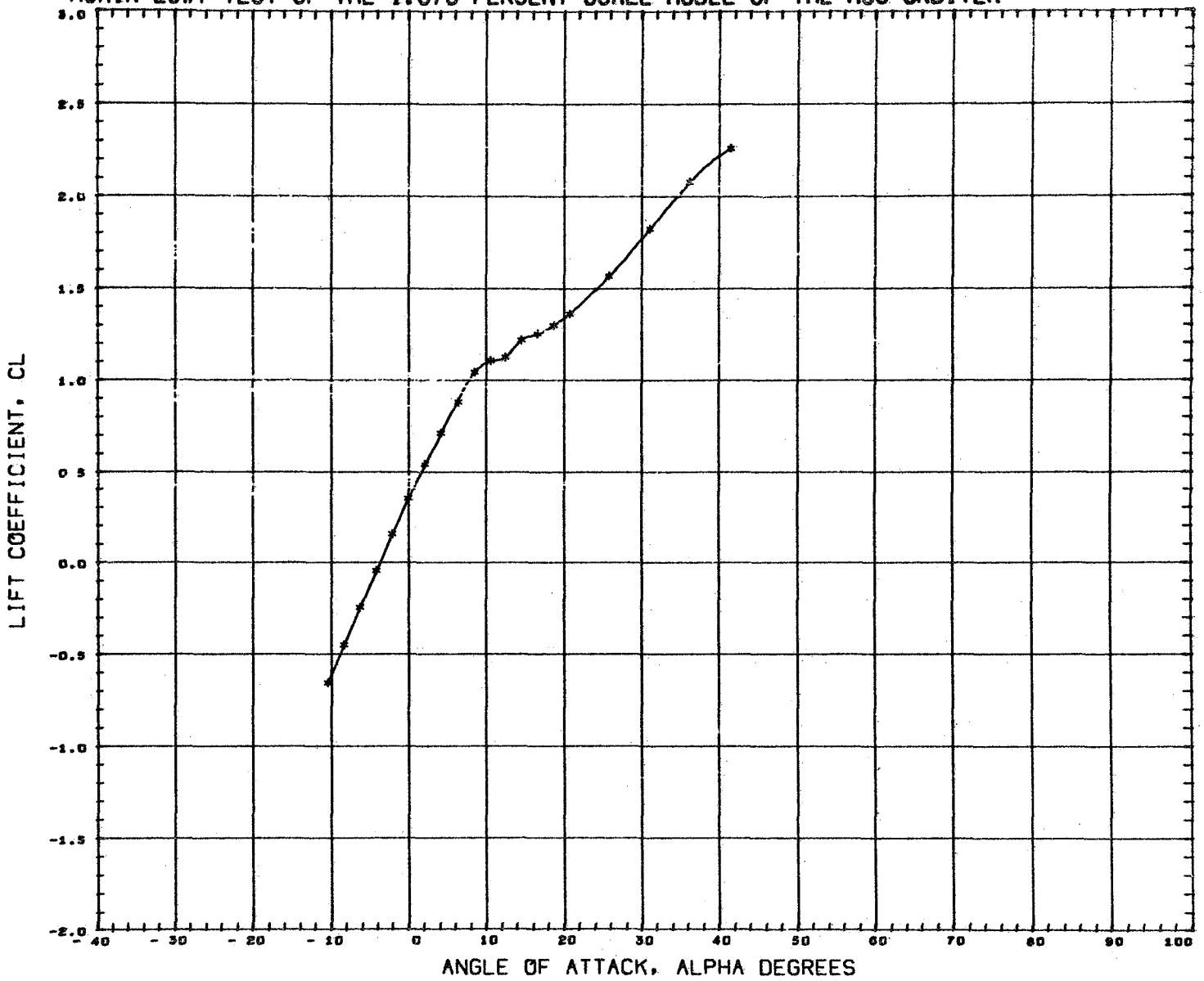
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.36370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

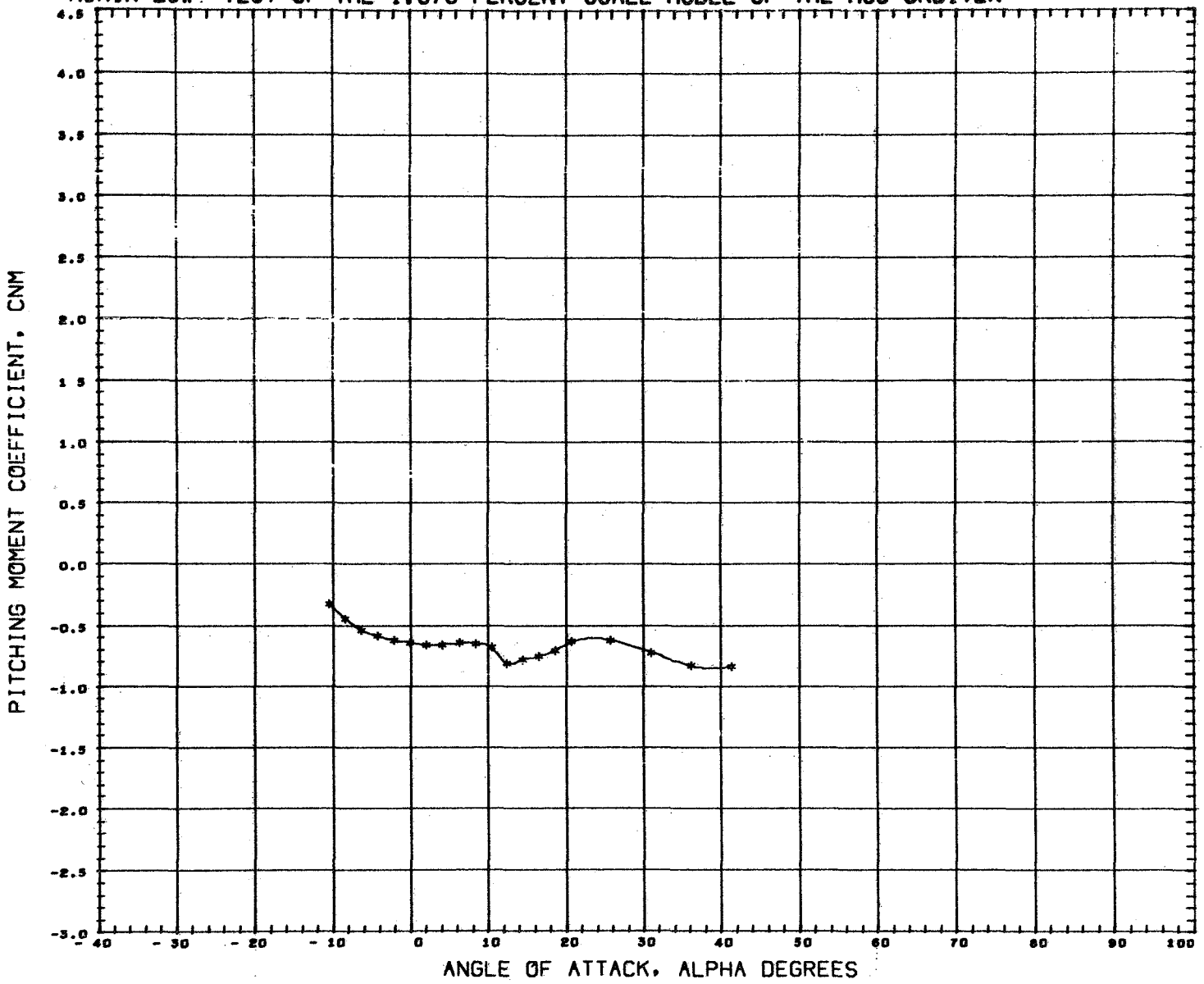
REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1 (RC1H04) 28 JUL 70 PAGE 233

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



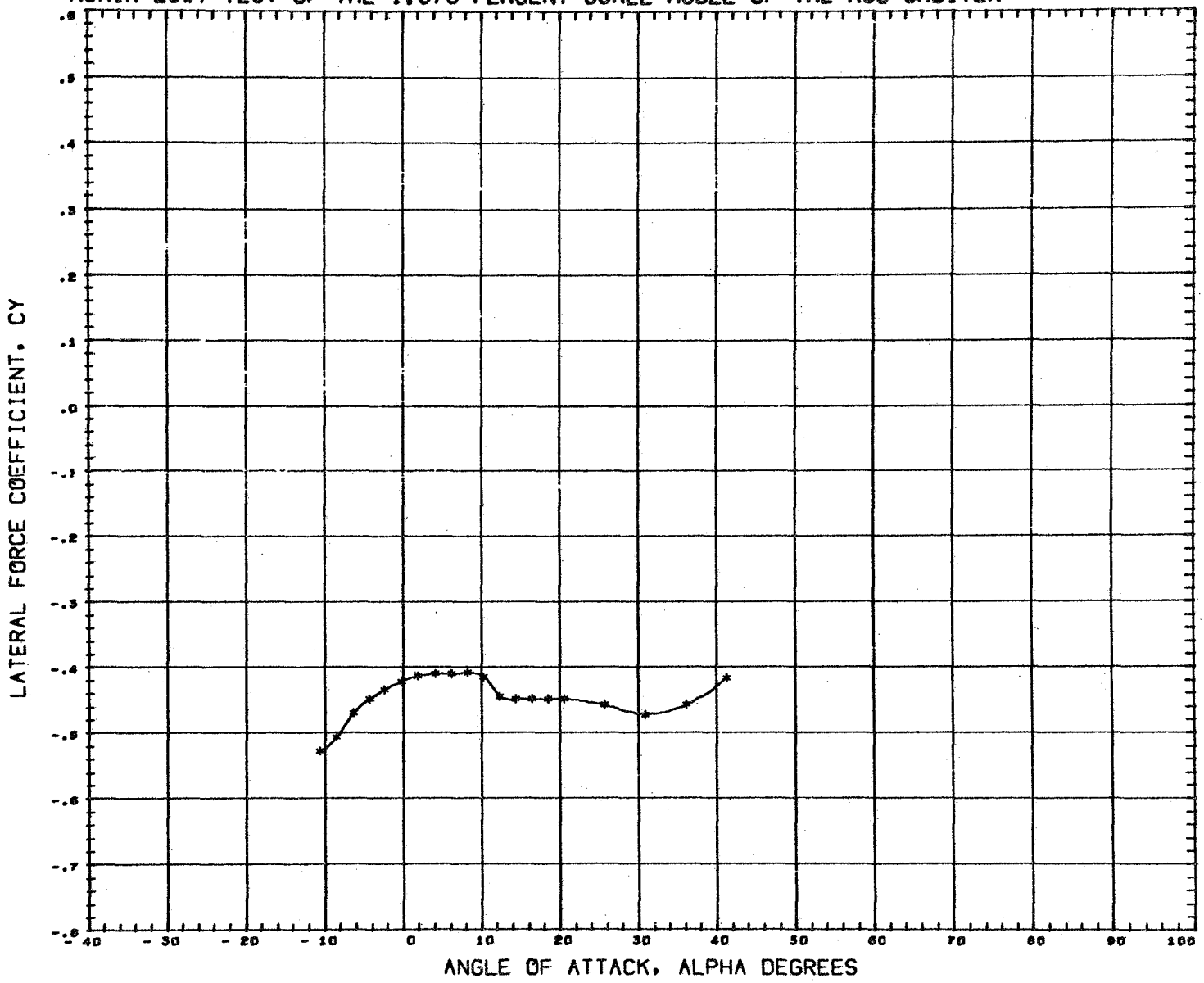
SYMBOL	MACH		PARAMETRIC VALUES		
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SD/ 3719915U

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.58370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



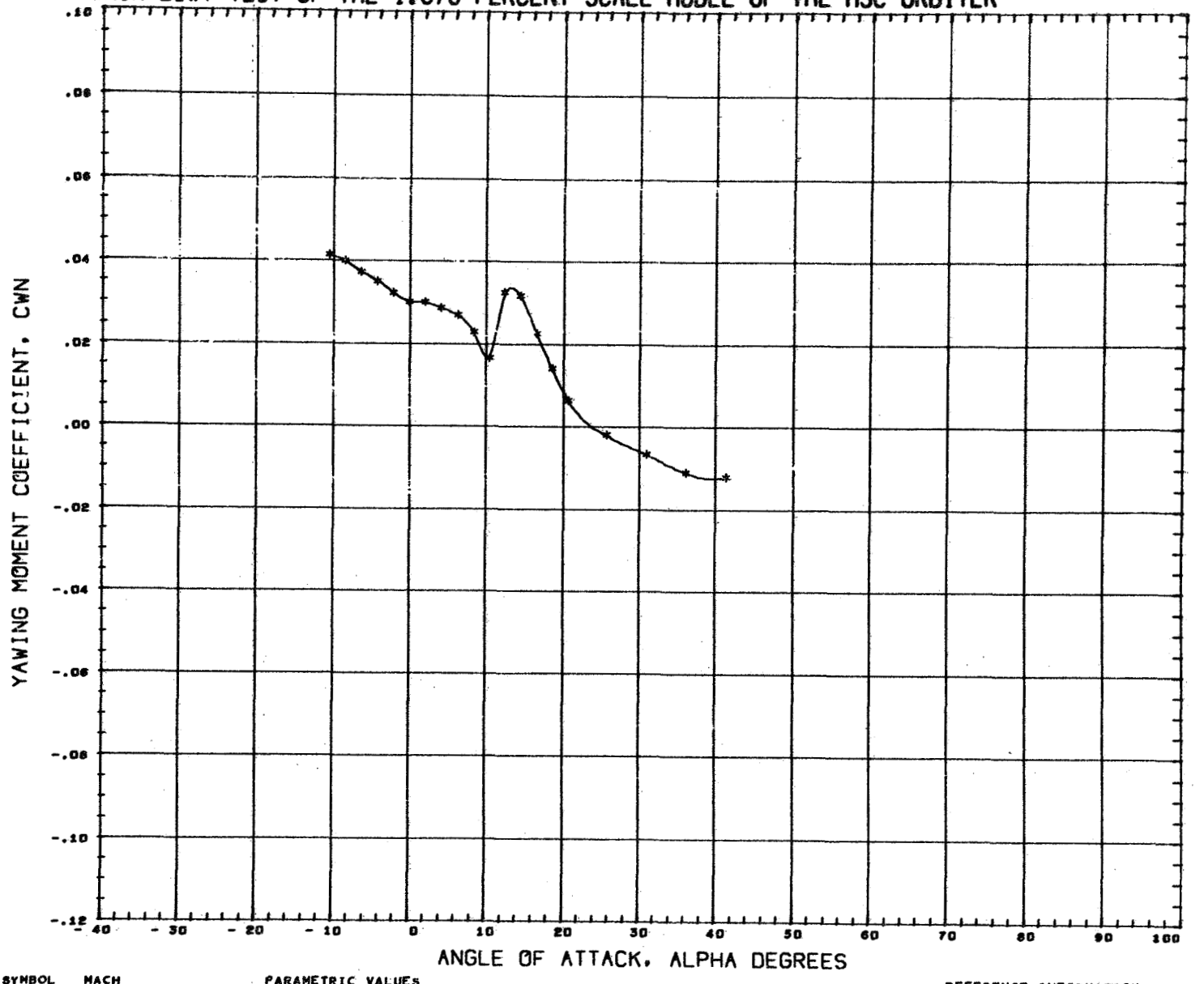
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WING	12.211		

REFERENCE FILE SDY 57100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH		PARAMETRIC VALUES		
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

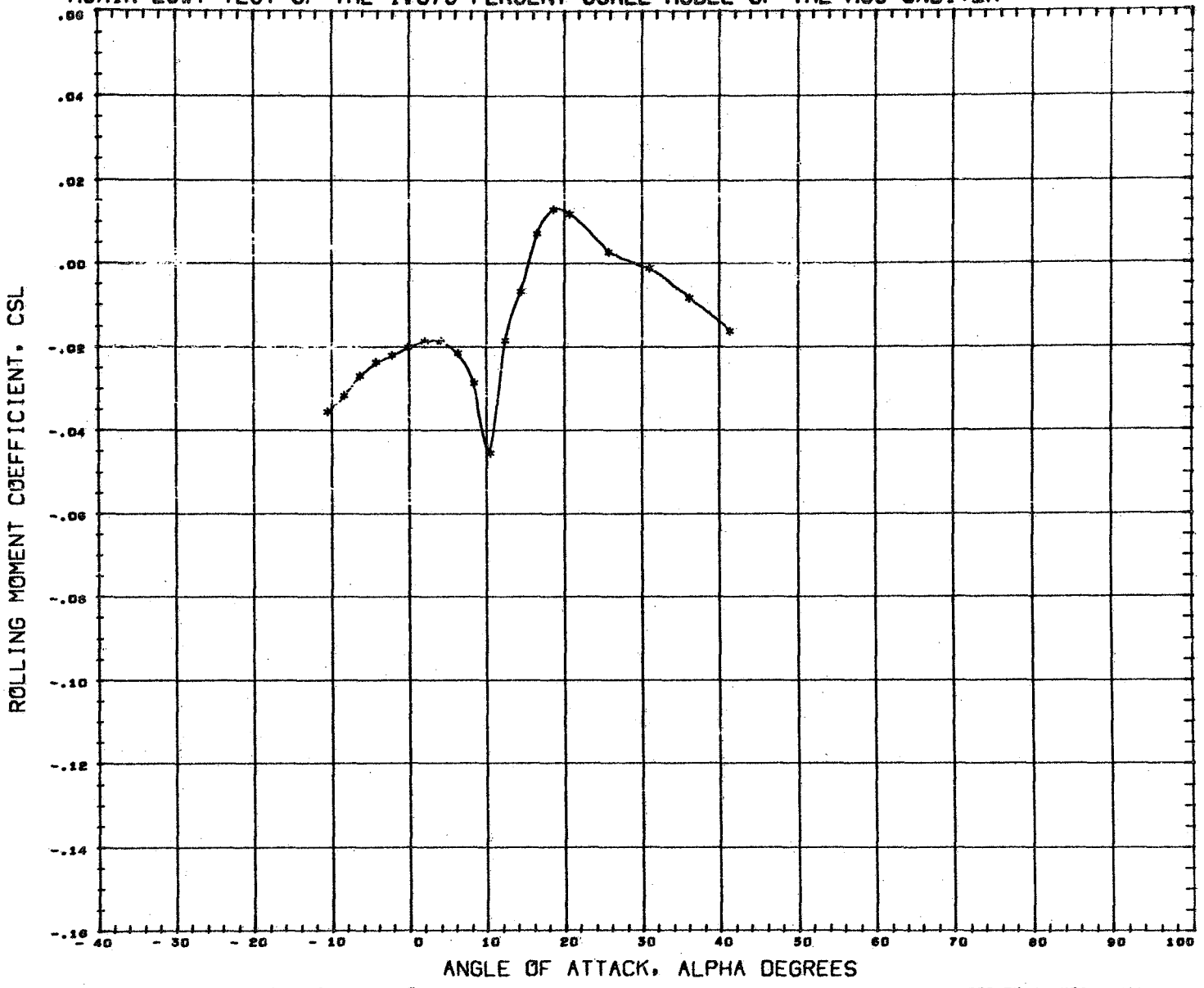
REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1 (RC1H04) 28 JUL 70 PAGE 236

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



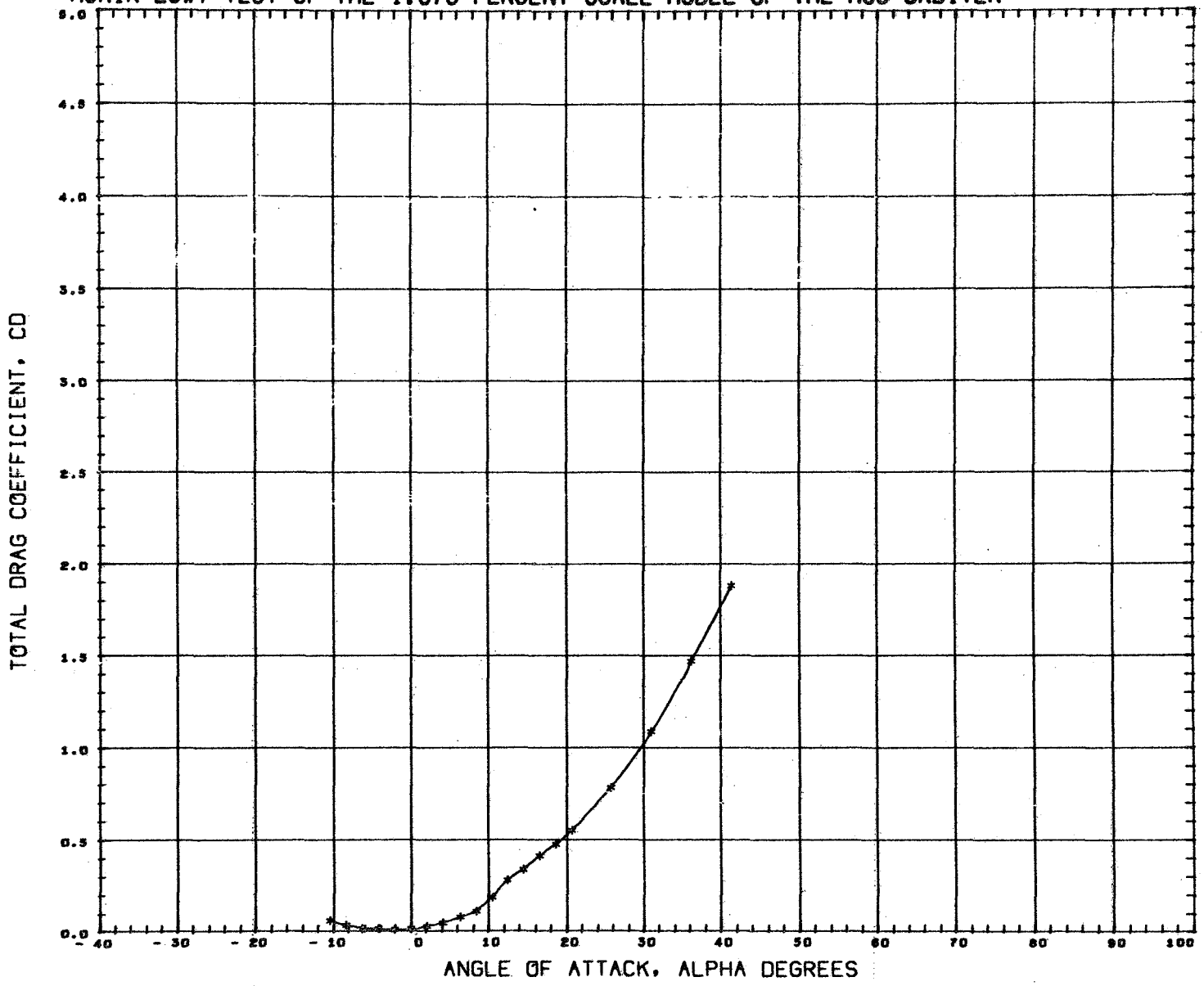
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37:00150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



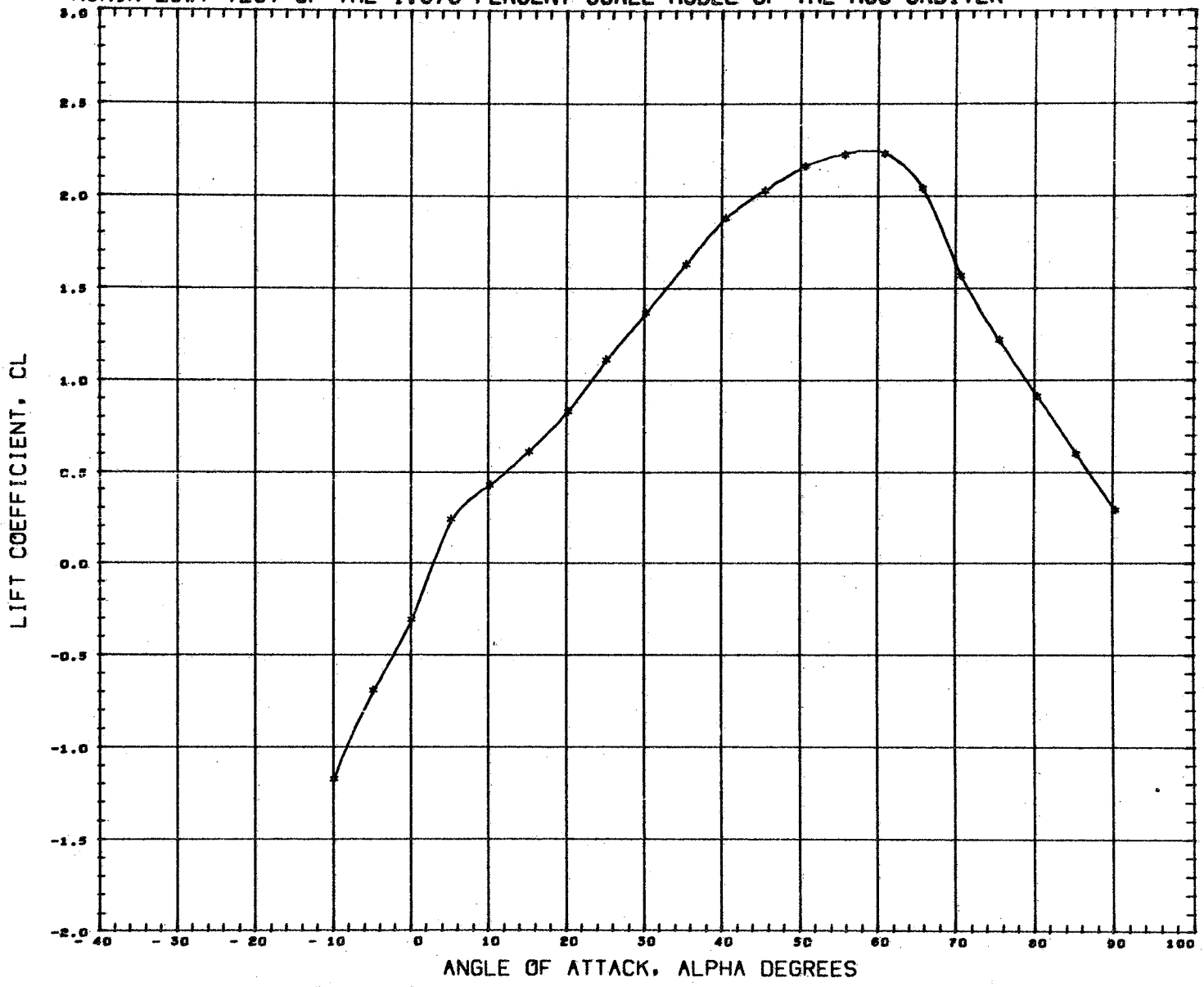
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



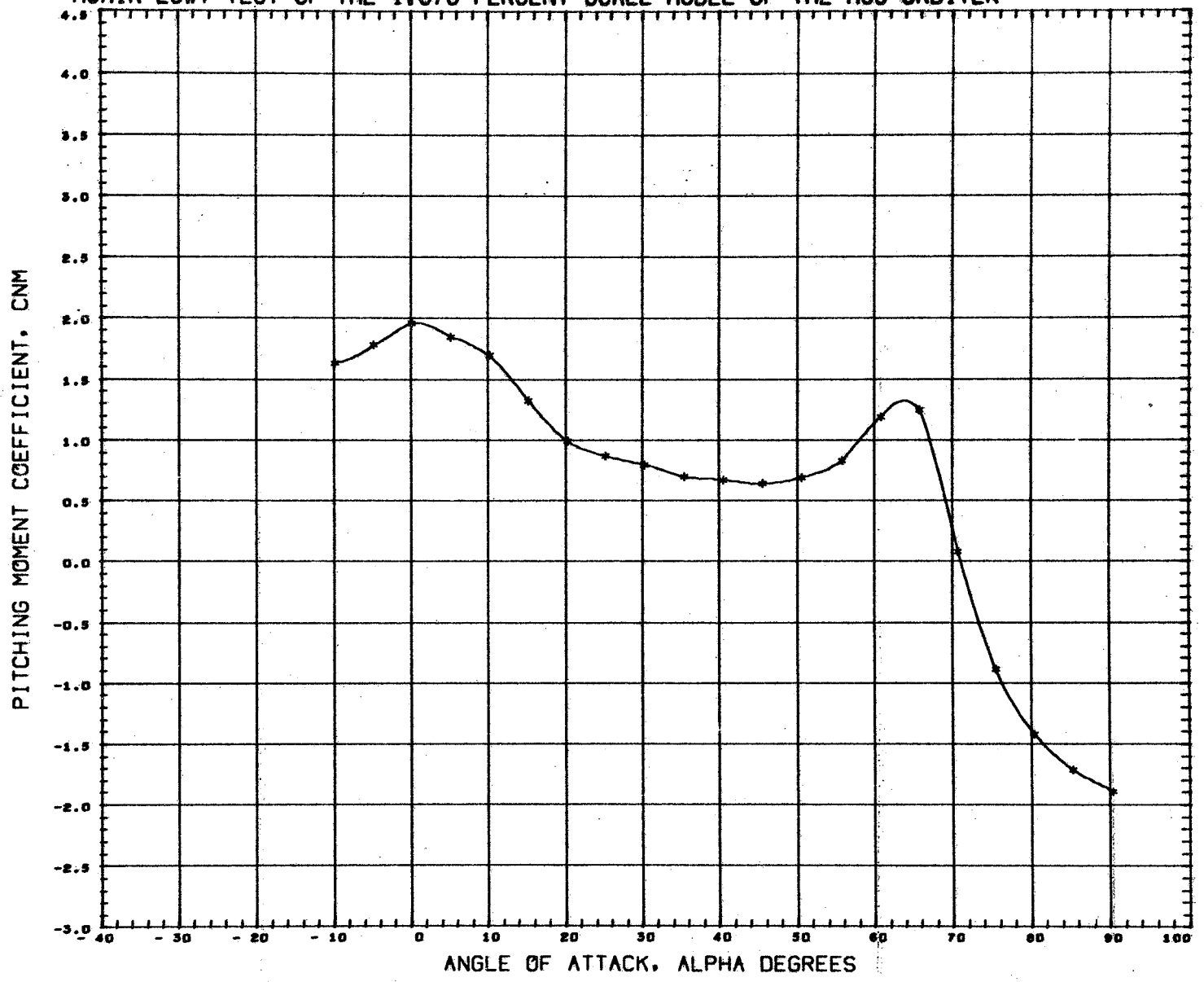
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	- 40.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



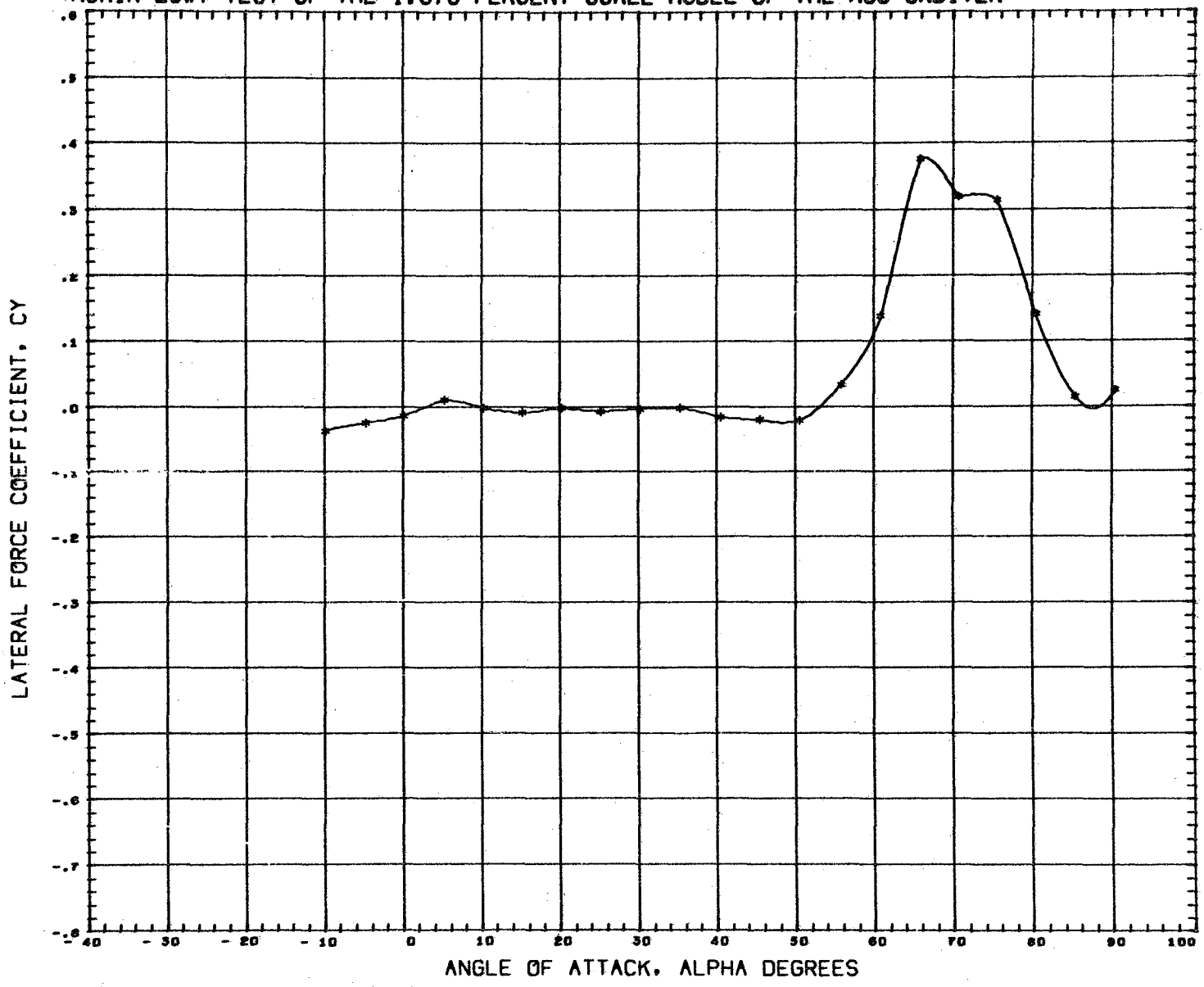
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	- 40.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150.

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



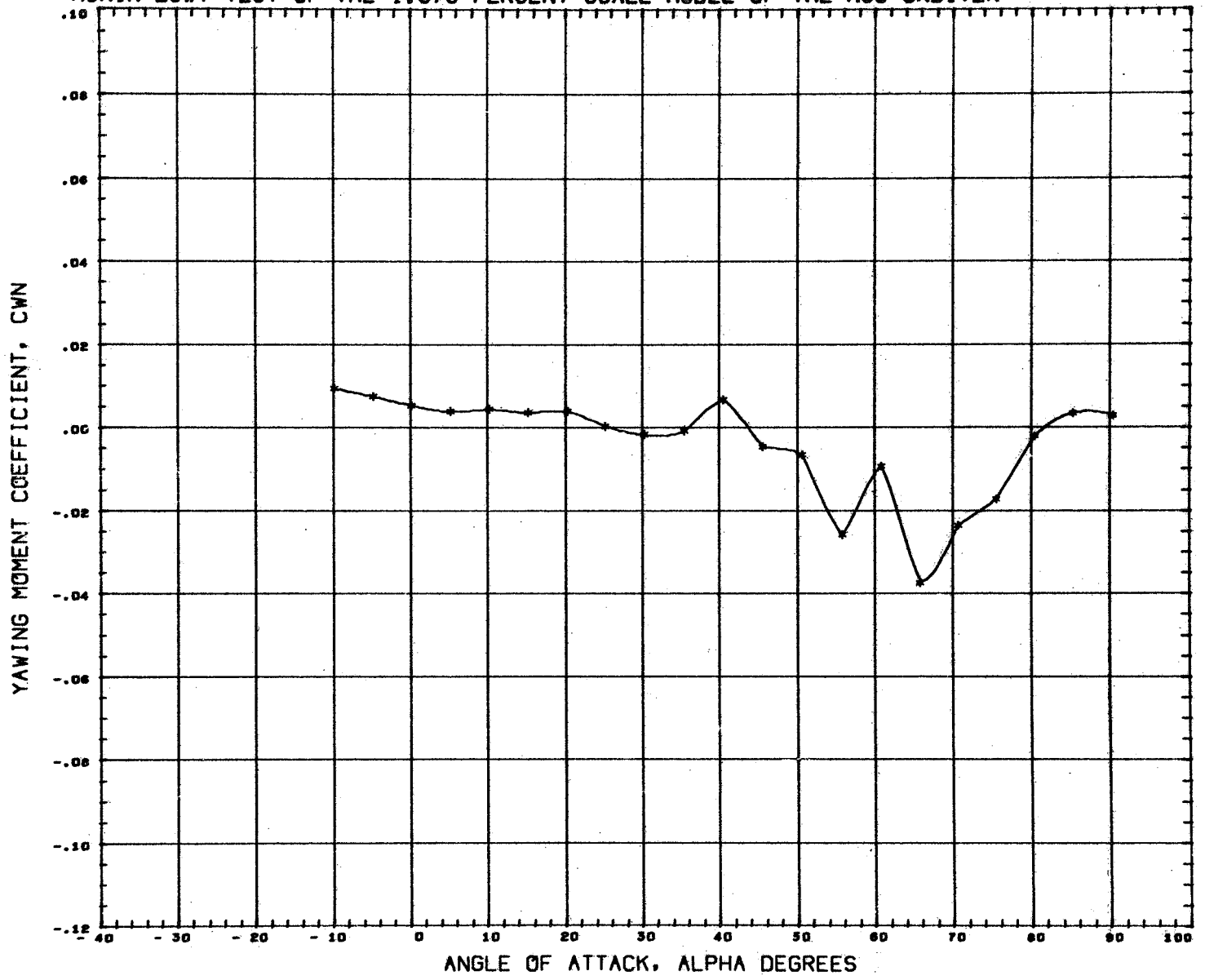
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	- 40.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20600×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



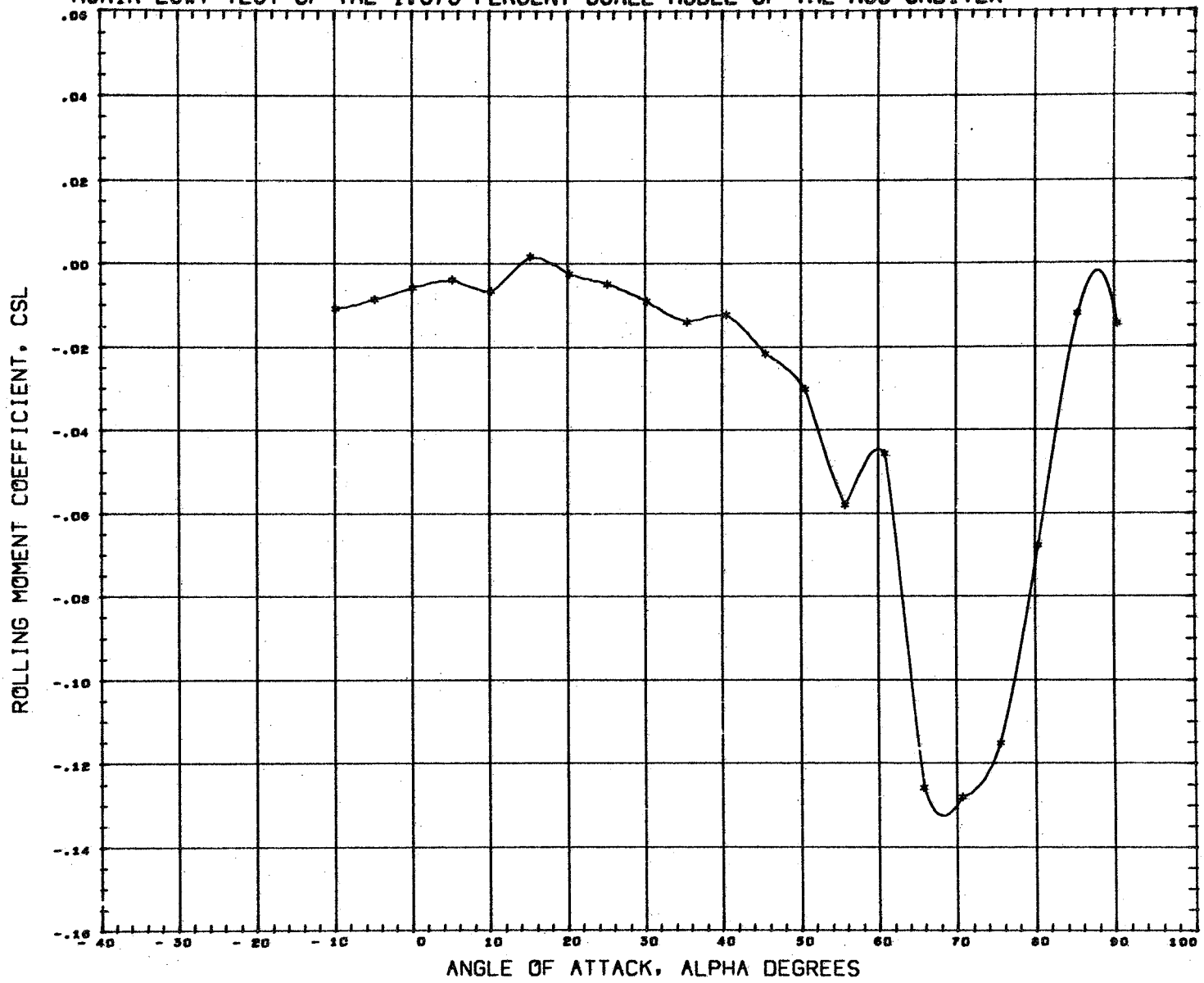
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	- 40.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



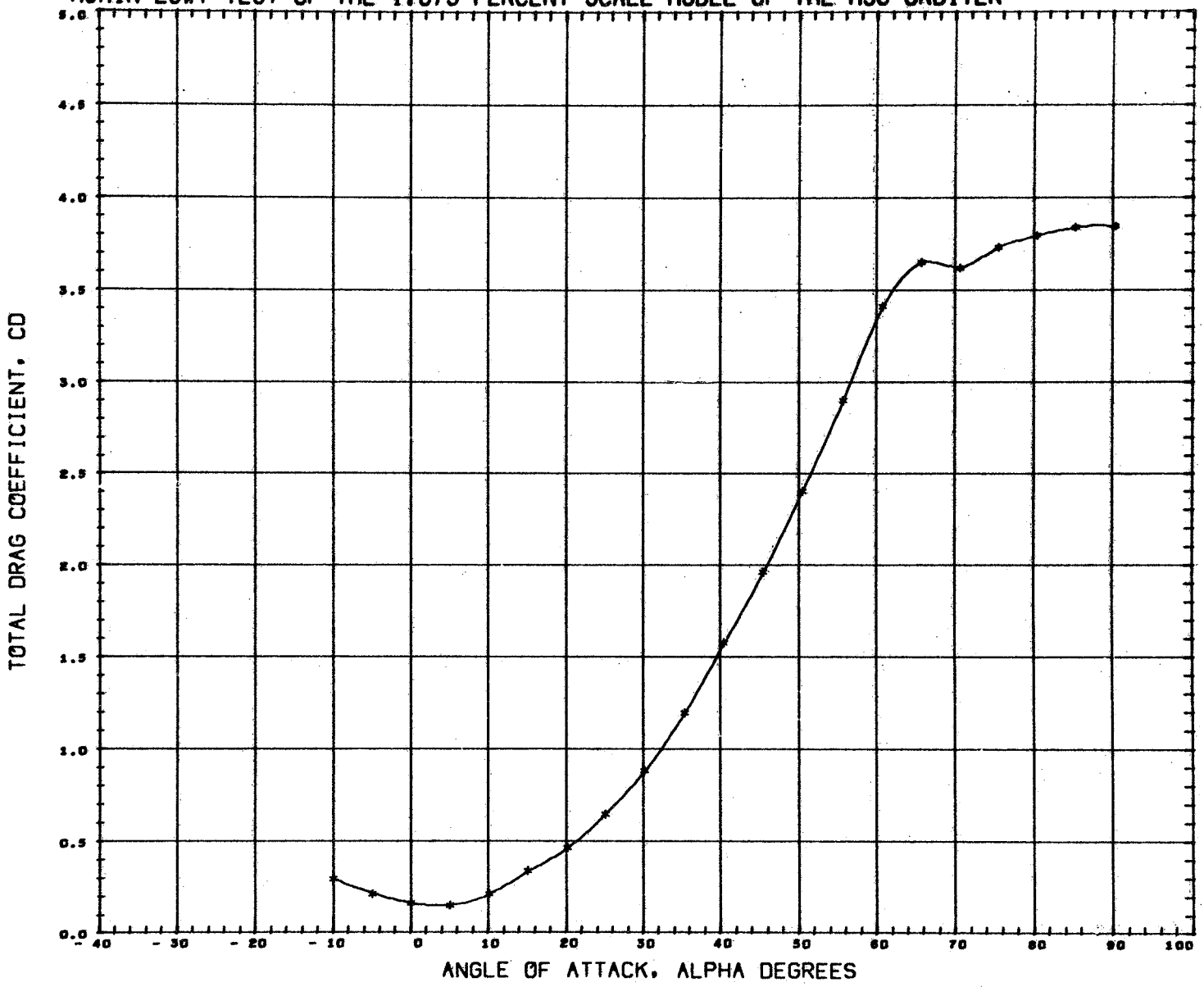
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	-40.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



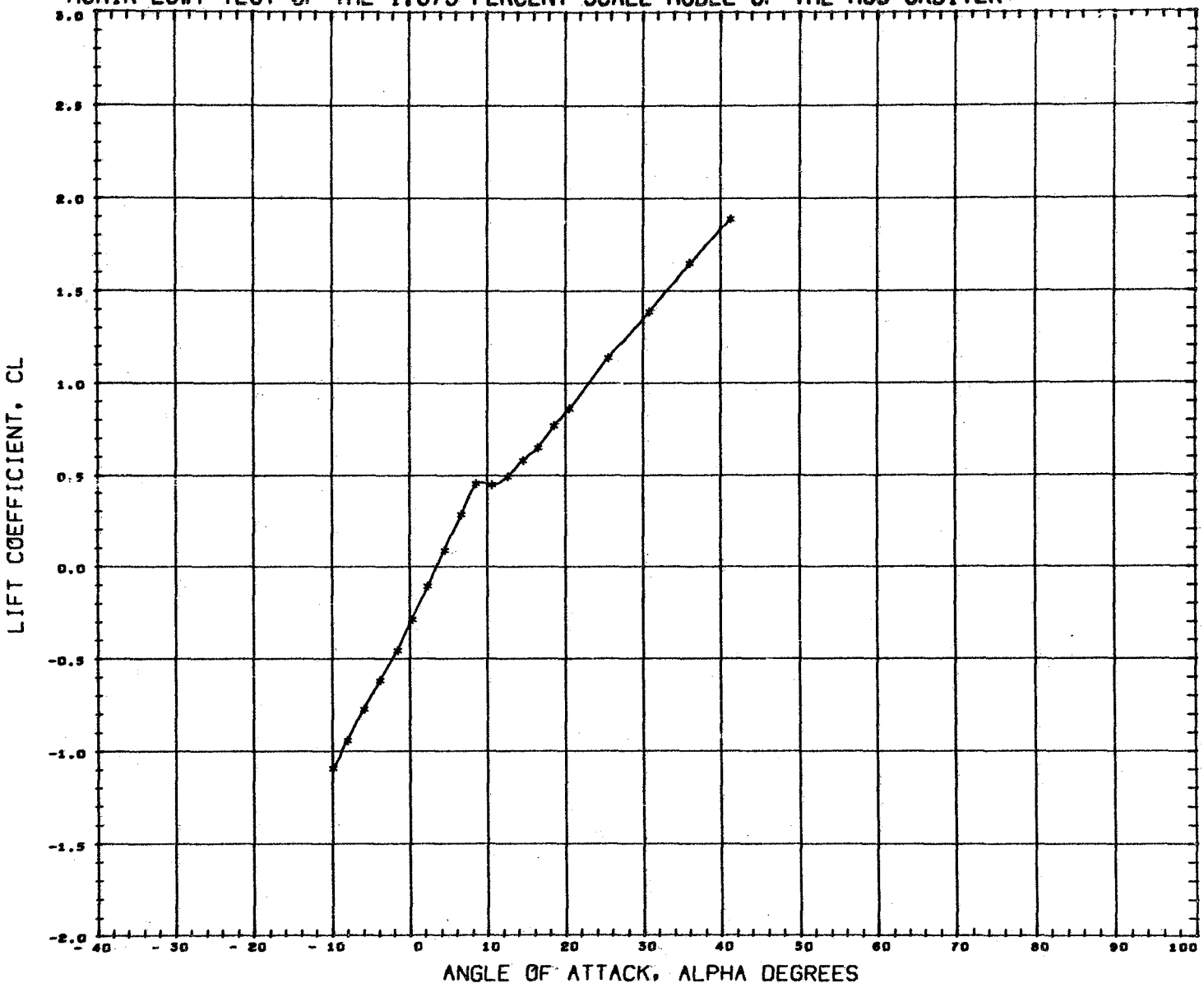
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	- 40.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH
*	0.250

PARAMETRIC VALUES

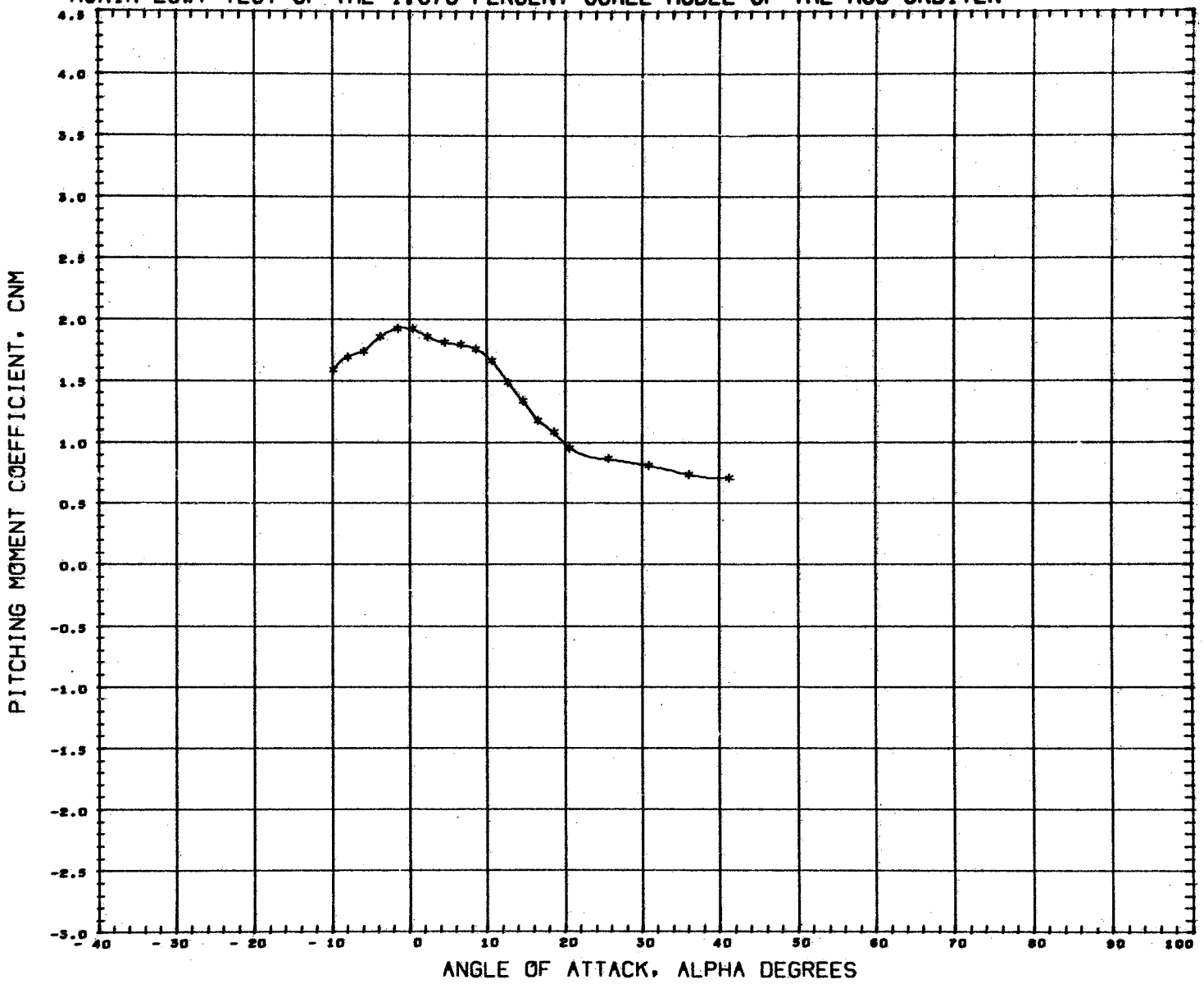
BETA	5.000	HTAIL	0.000
ELEVTR	- 40.000	PHI	0.000
WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	- 40.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

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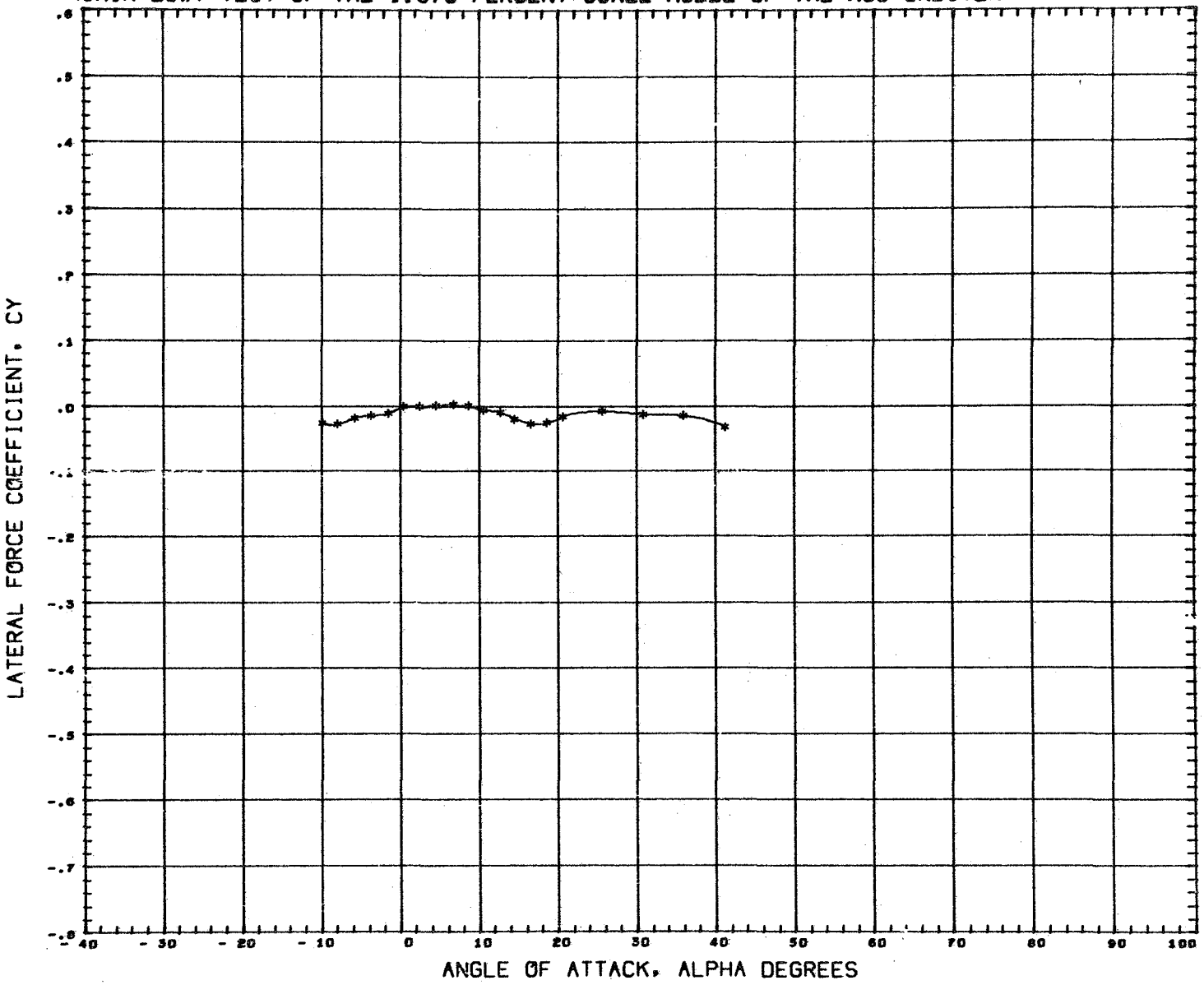
MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH
*	0.250

PARAMETRIC VALUES

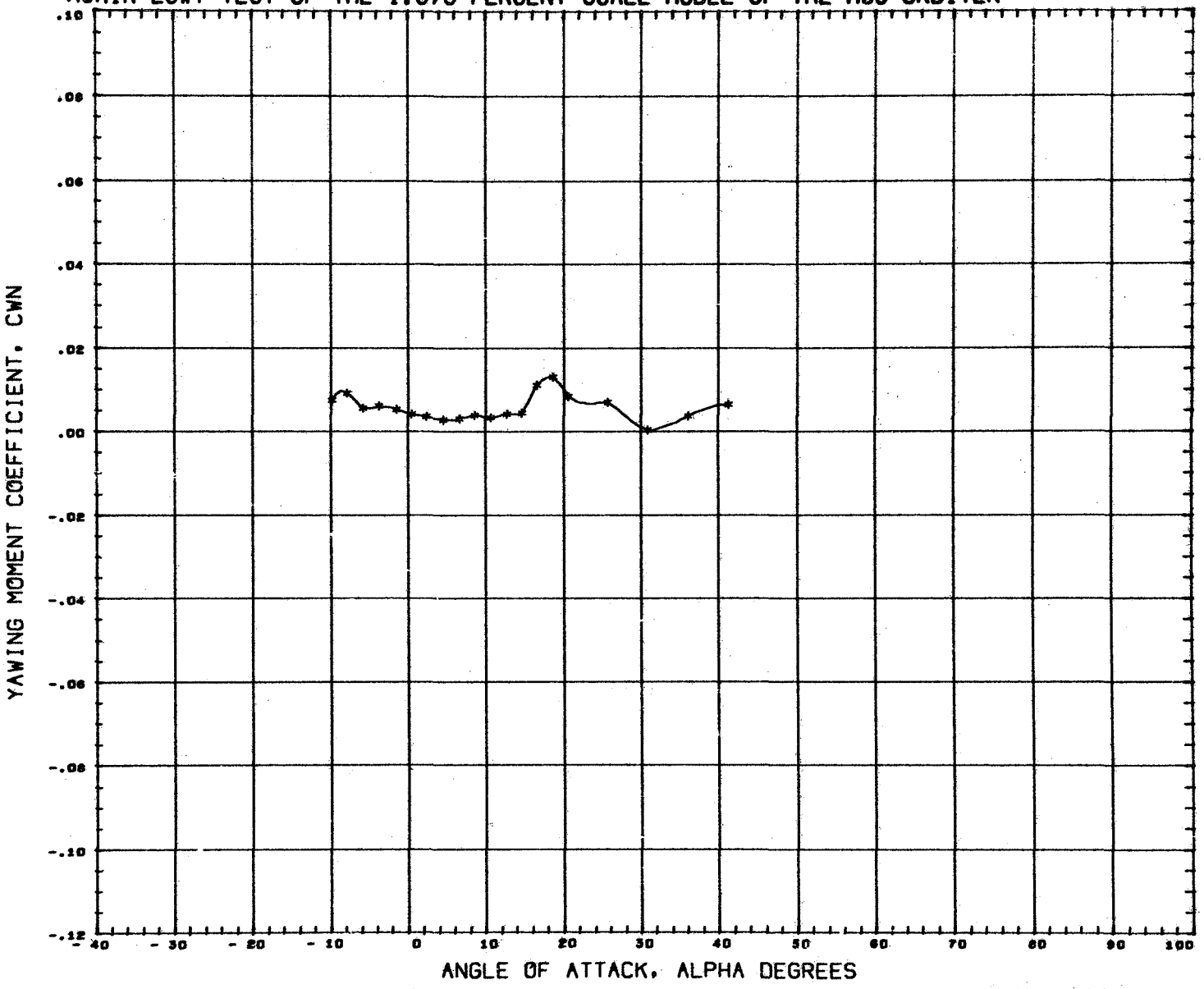
BETA	5.000	HTAIL	0.000
ELEVTR	- 40.000	PHI	0.000
WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



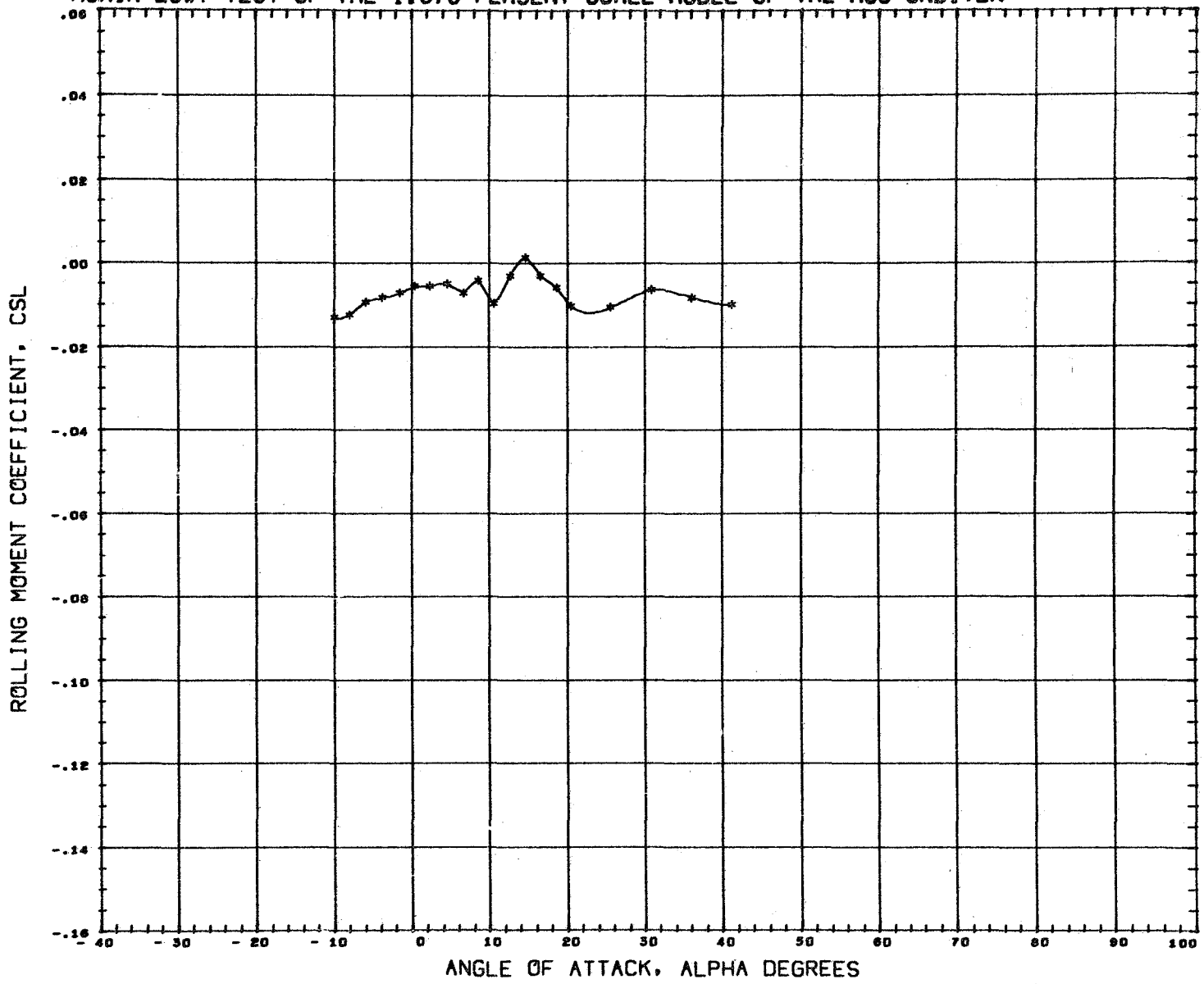
SYMBOL	MACH	PARAMETRIC VALUES			
●	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	- 40.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



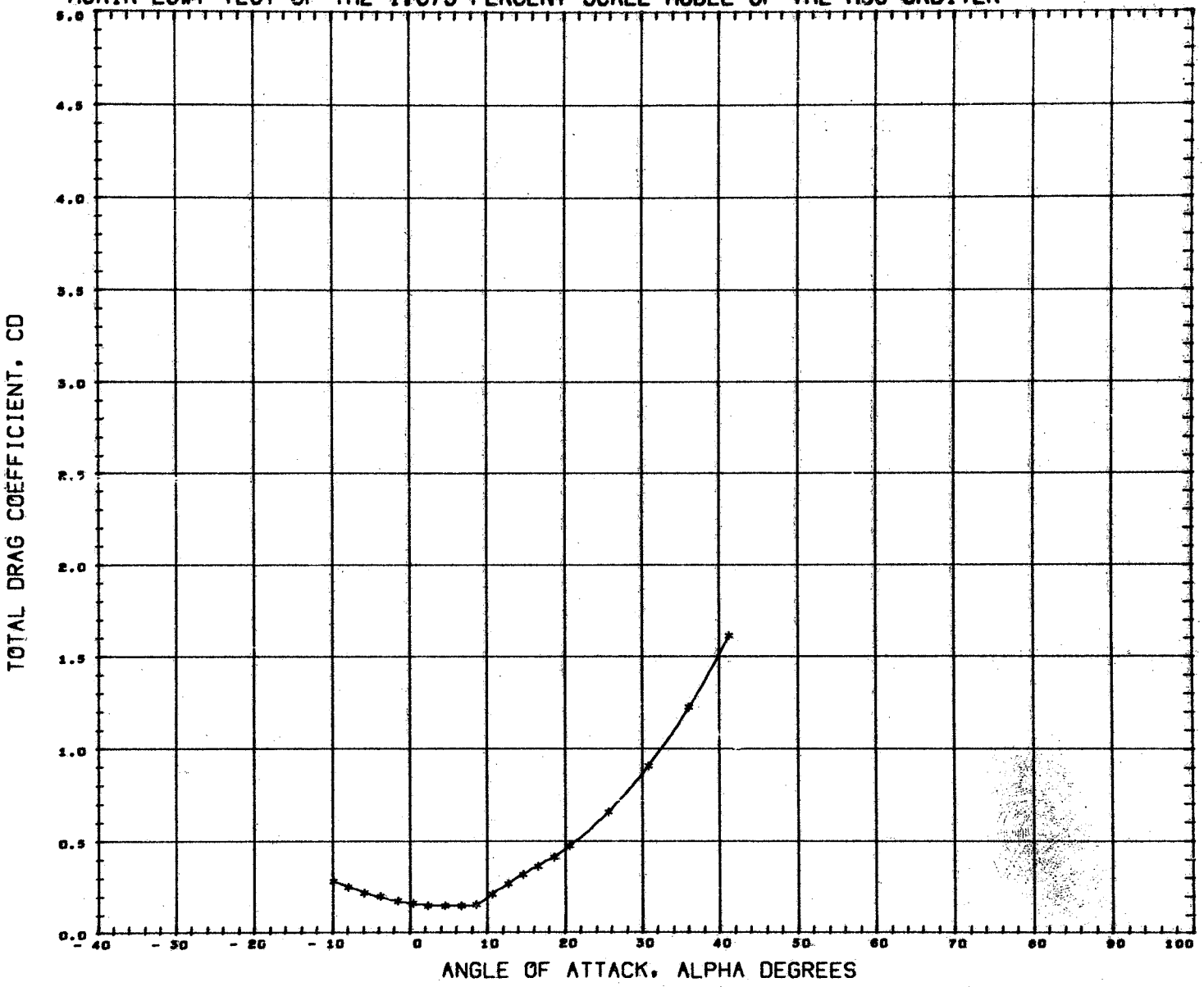
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	- 40.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	-40.000	PHI	0.000
		WINGL	12.211		

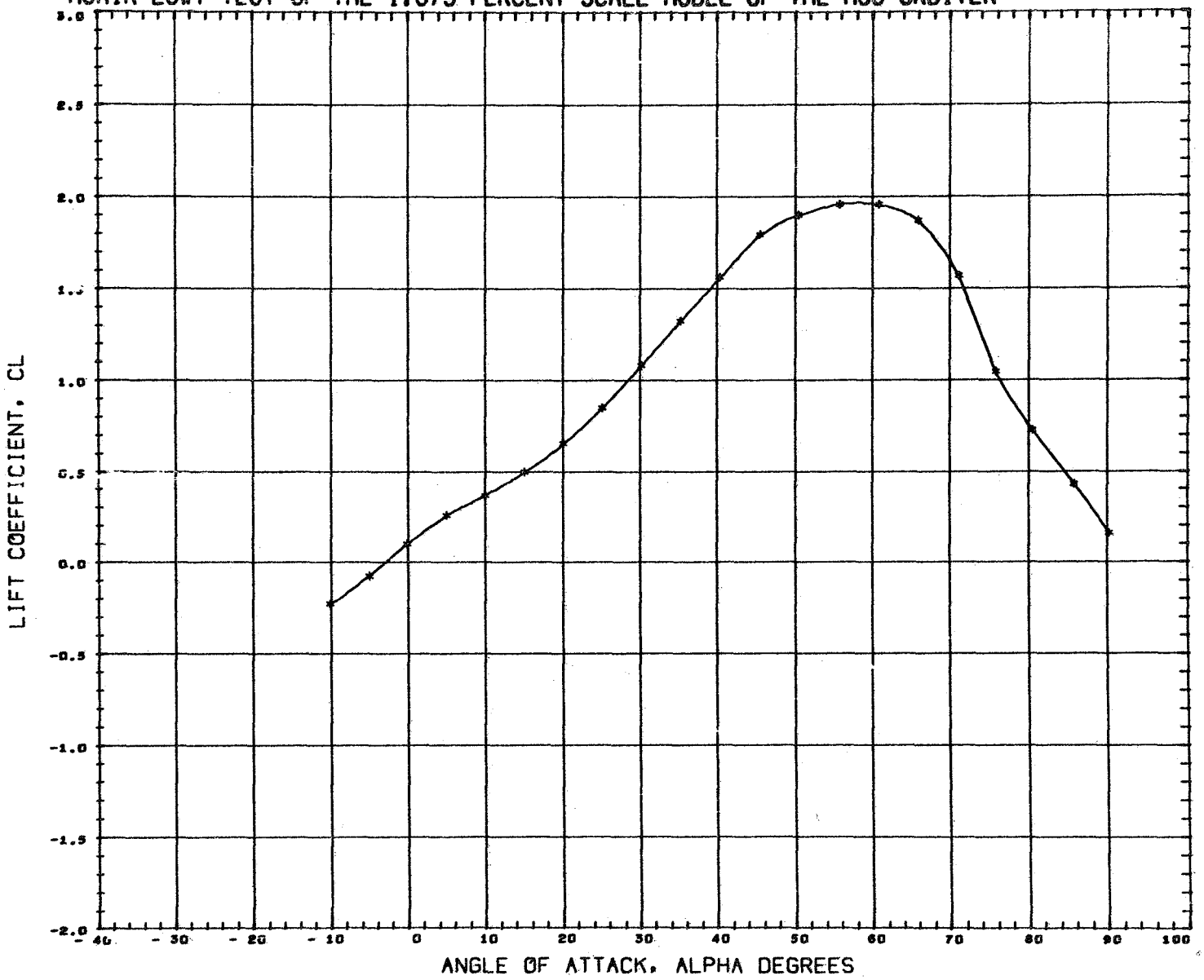
REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

LSWT 223 1.875 PC MOD S5 ORB. B1H1513V3W1 (RC1H14) 28 JUL 70 PAGE 250

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



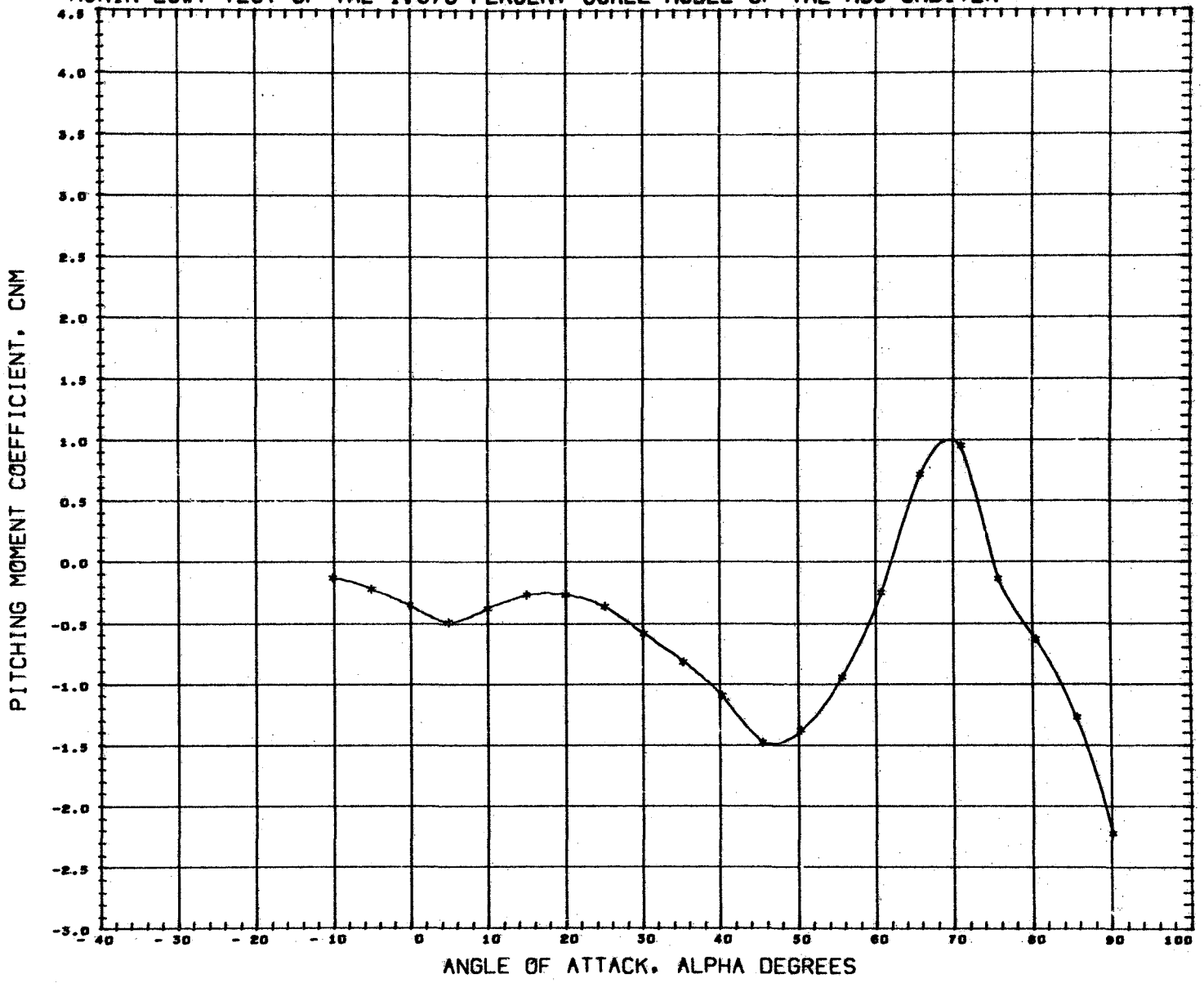
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



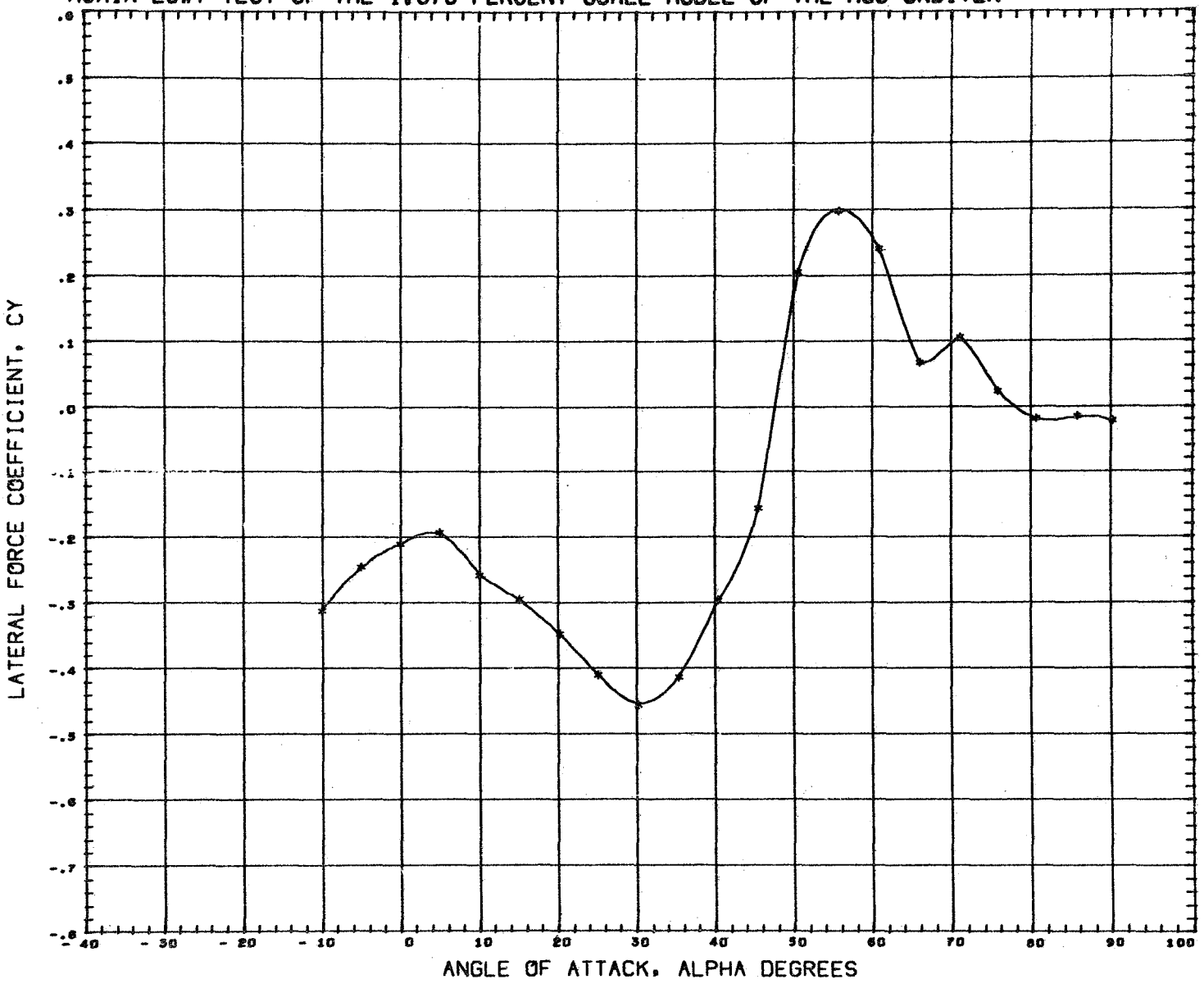
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	5.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



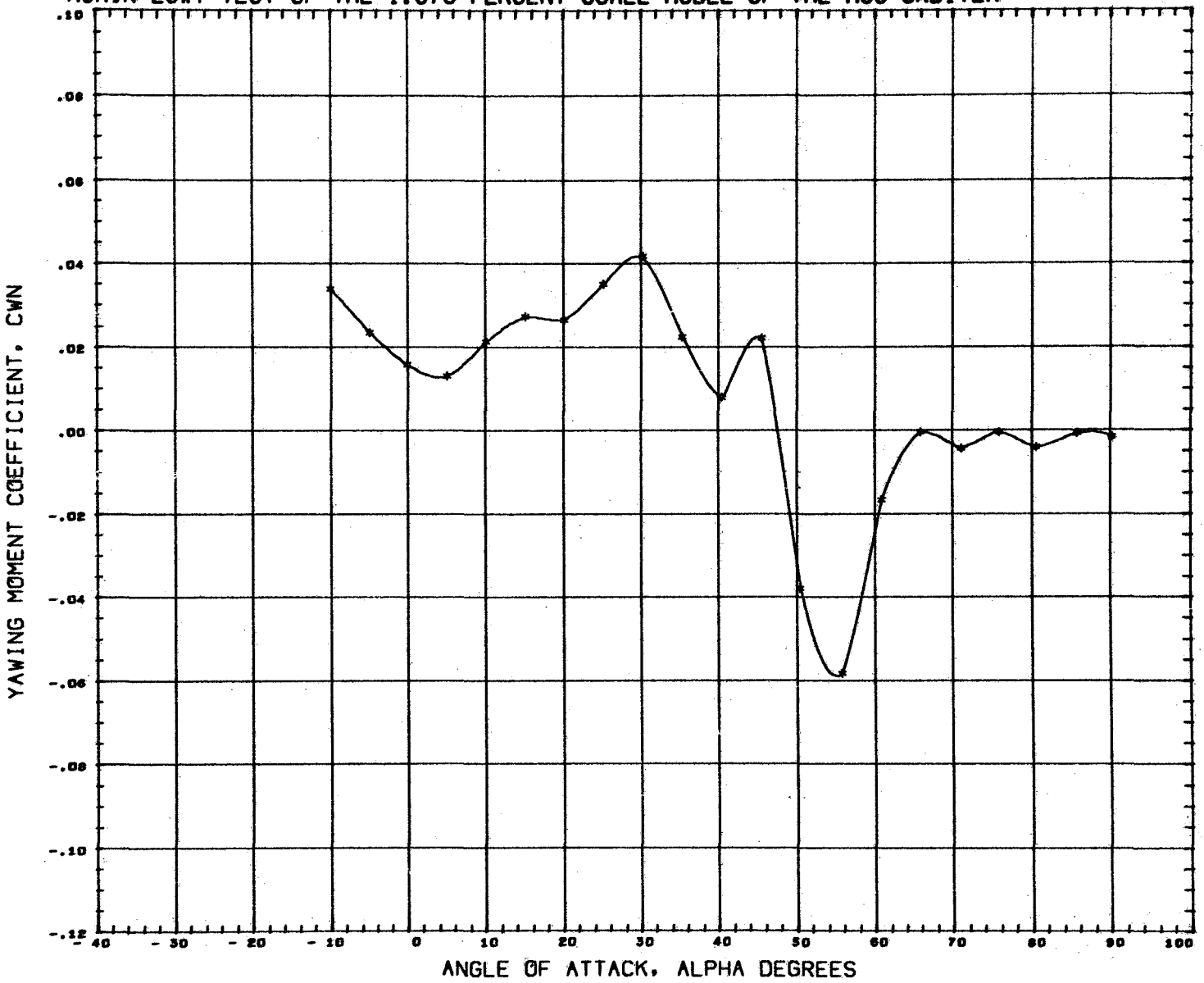
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



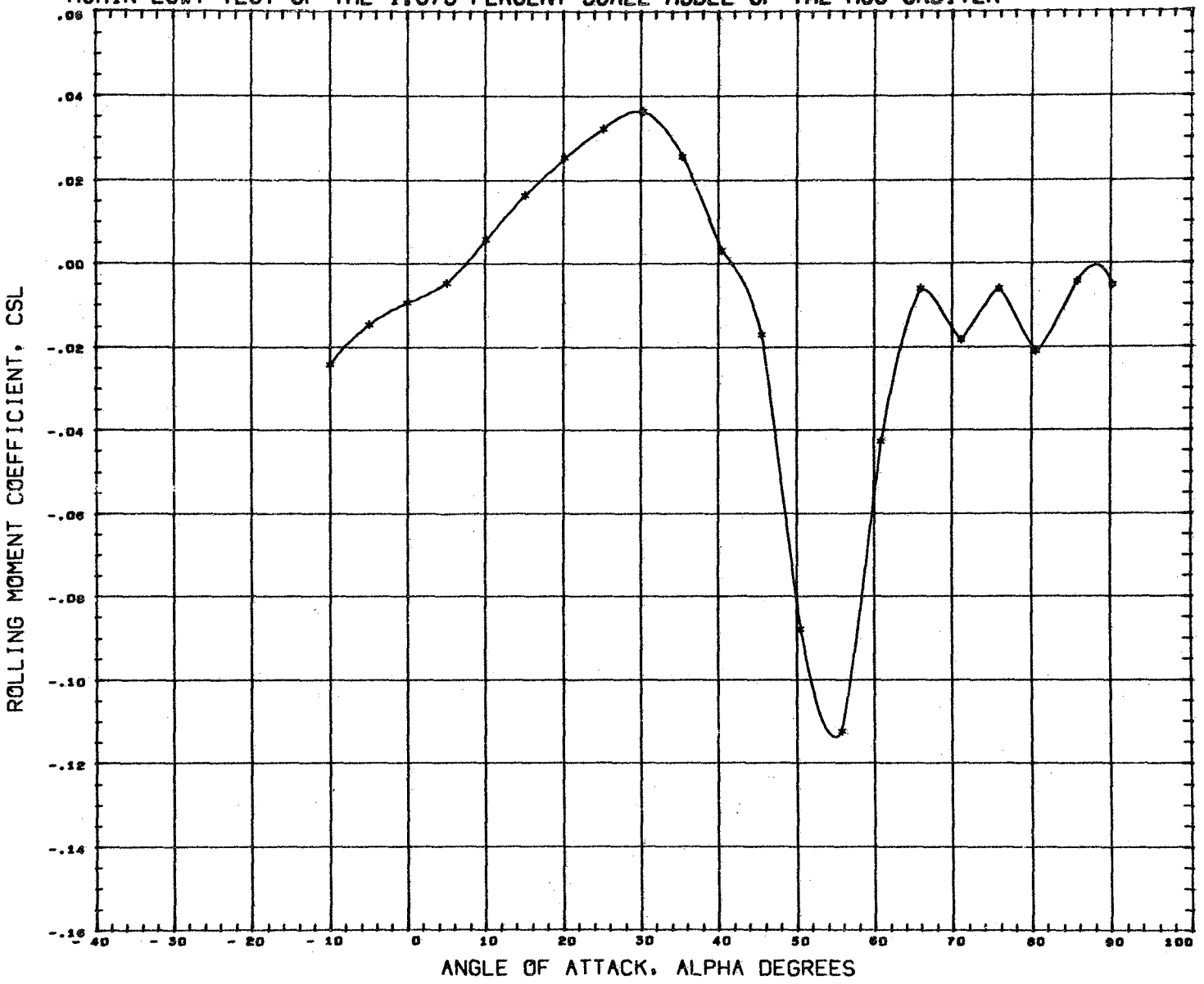
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20600×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

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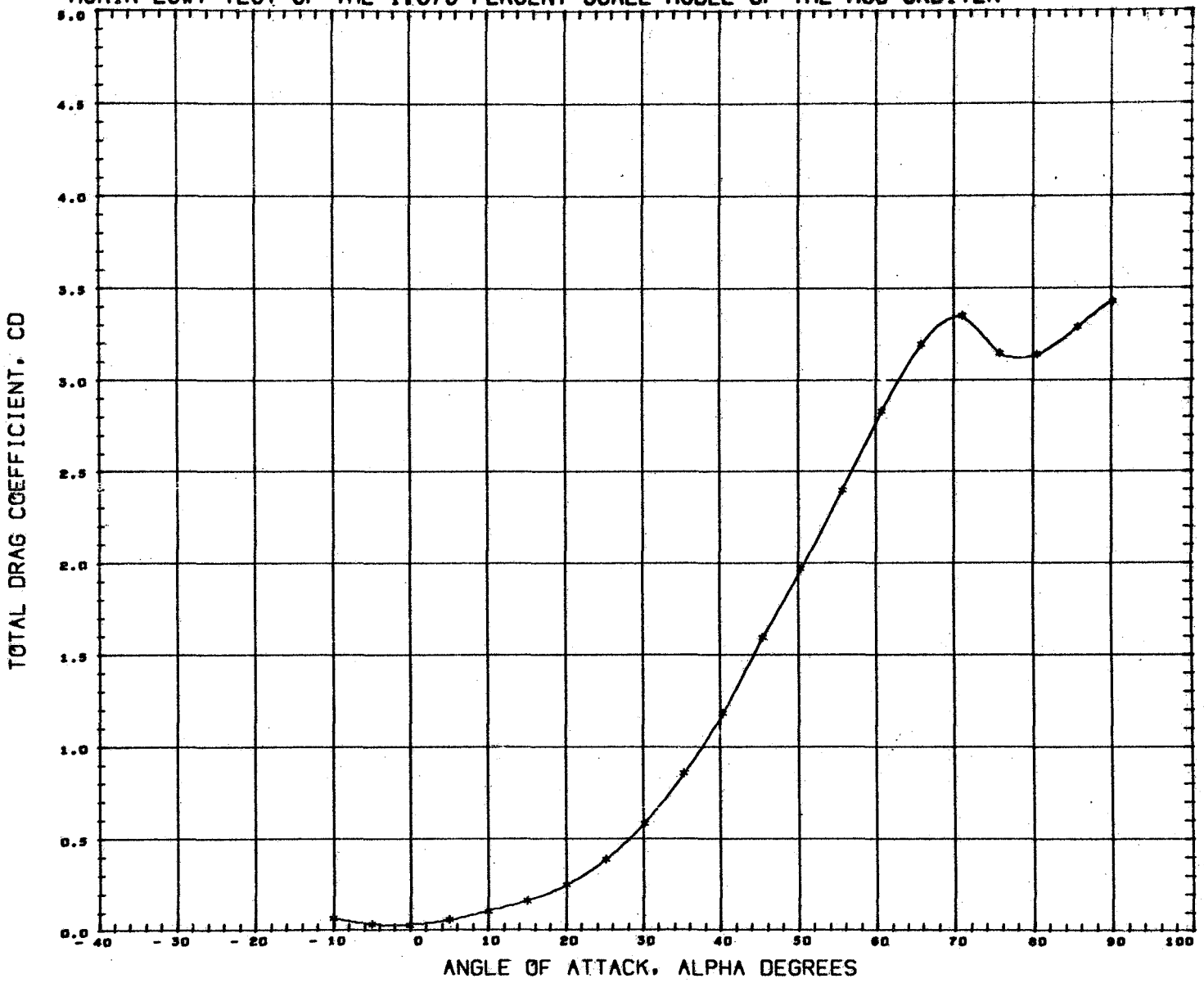
MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



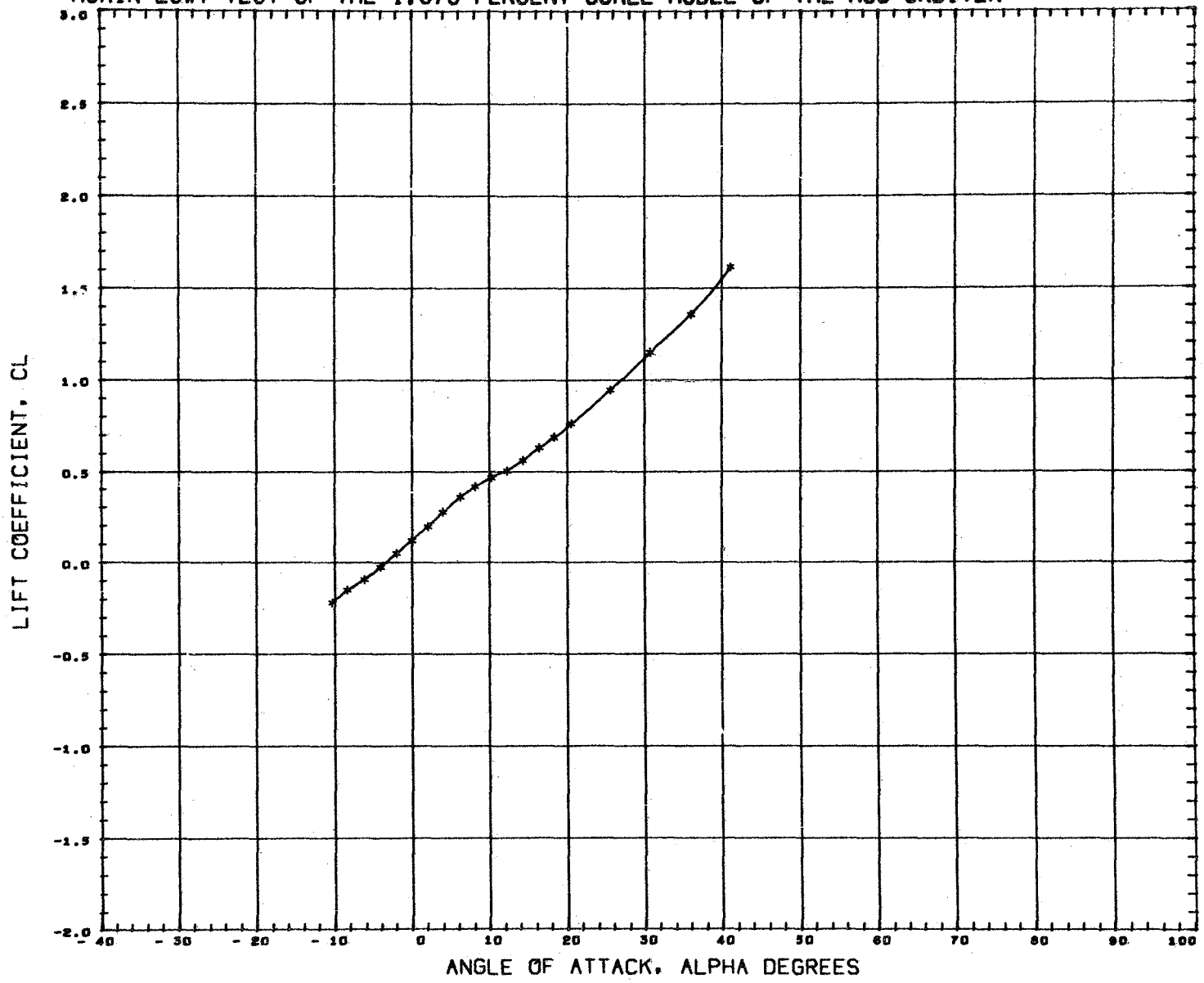
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



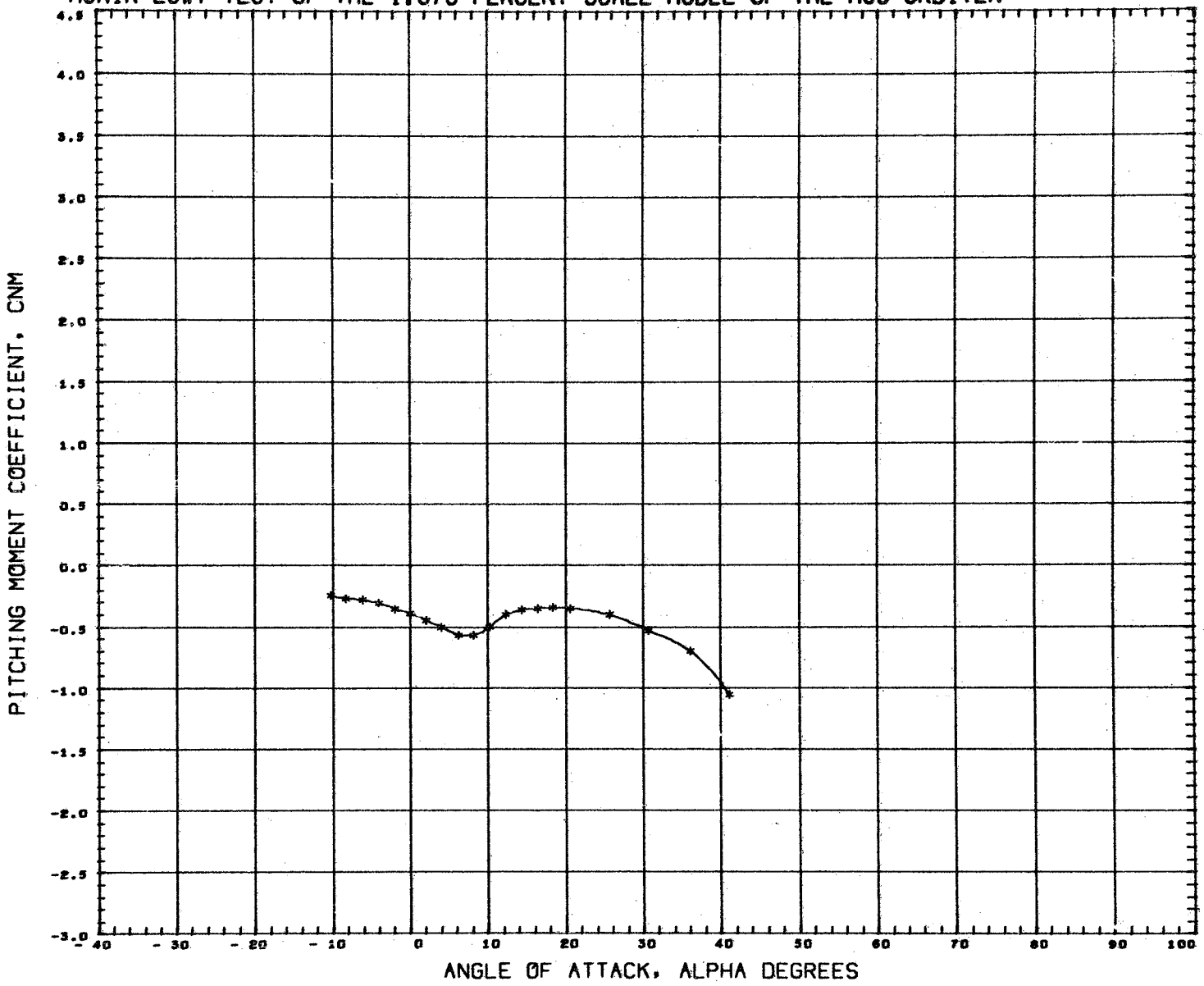
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH		FARAMETRIC VALUES		
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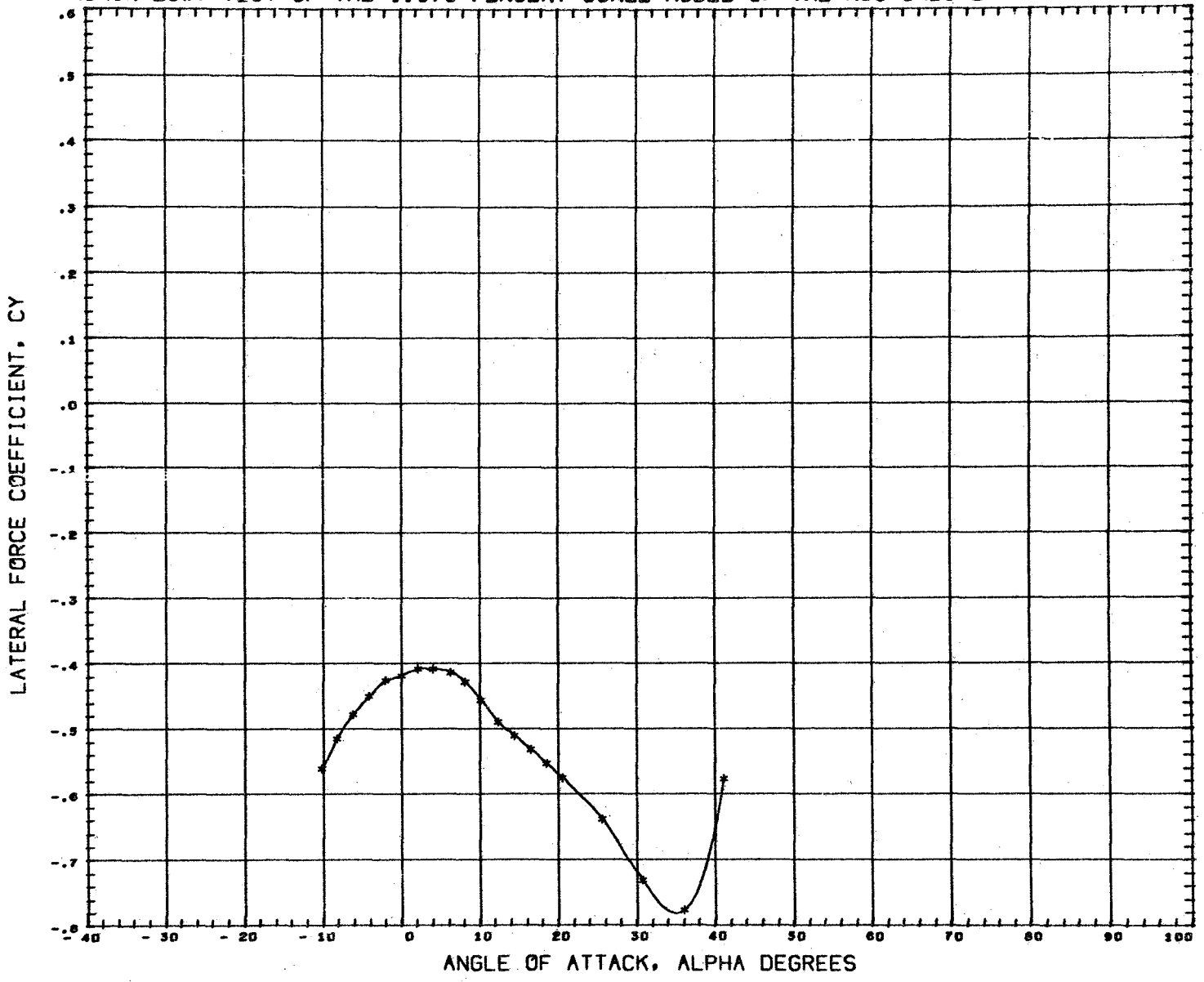
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



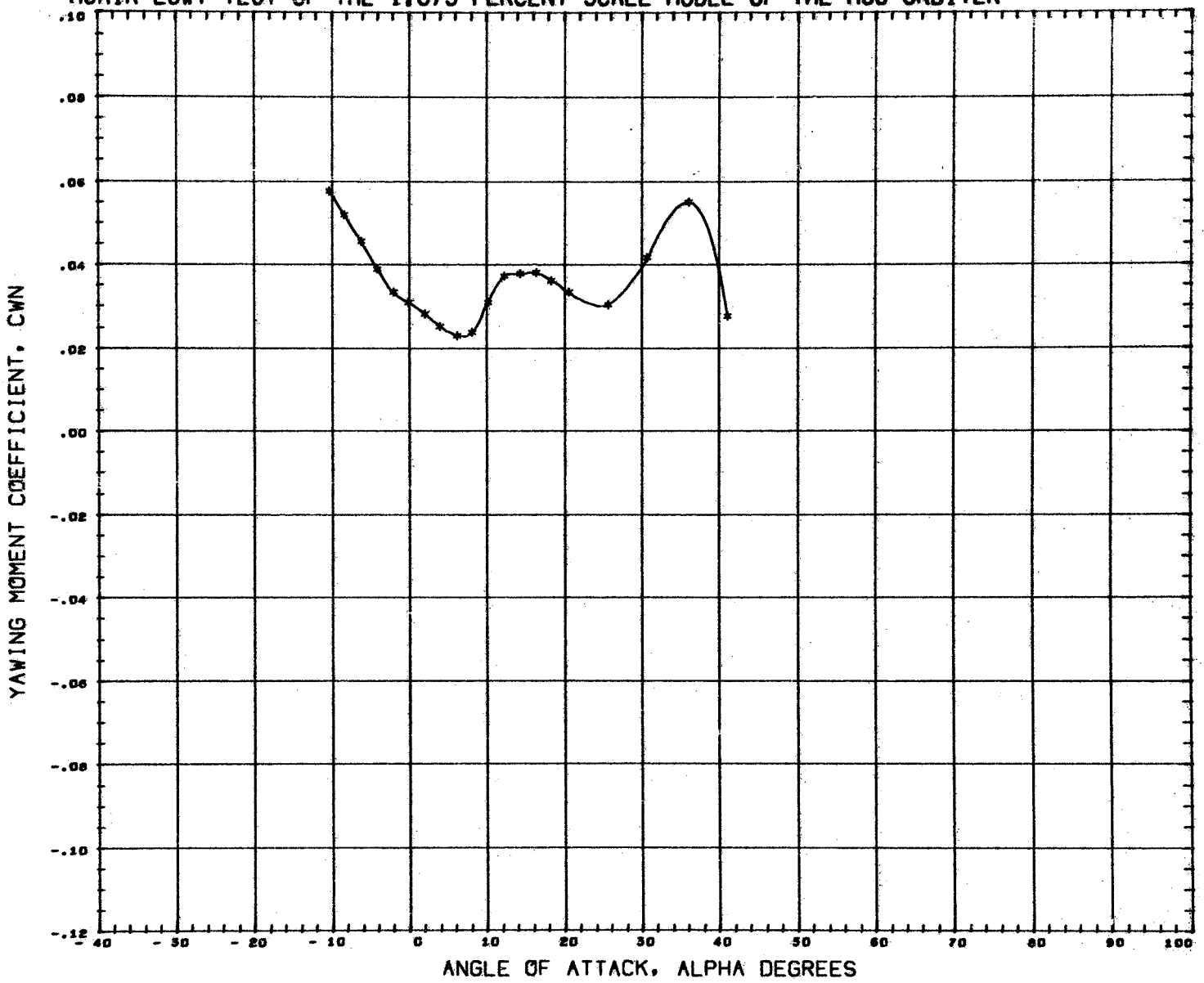
SYMBOL	MACH		PARAMETRIC VALUES		
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



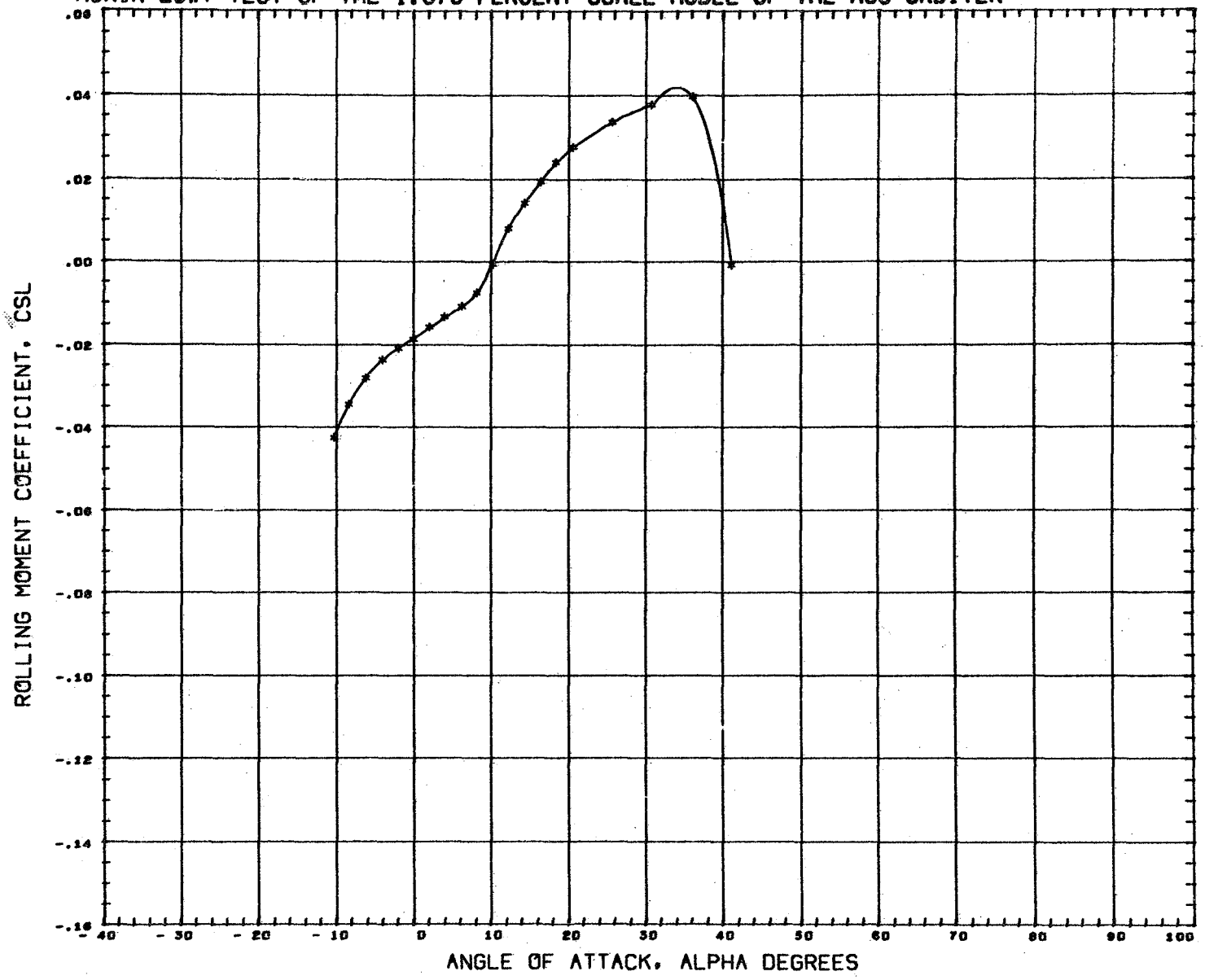
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1..7 00X'0	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



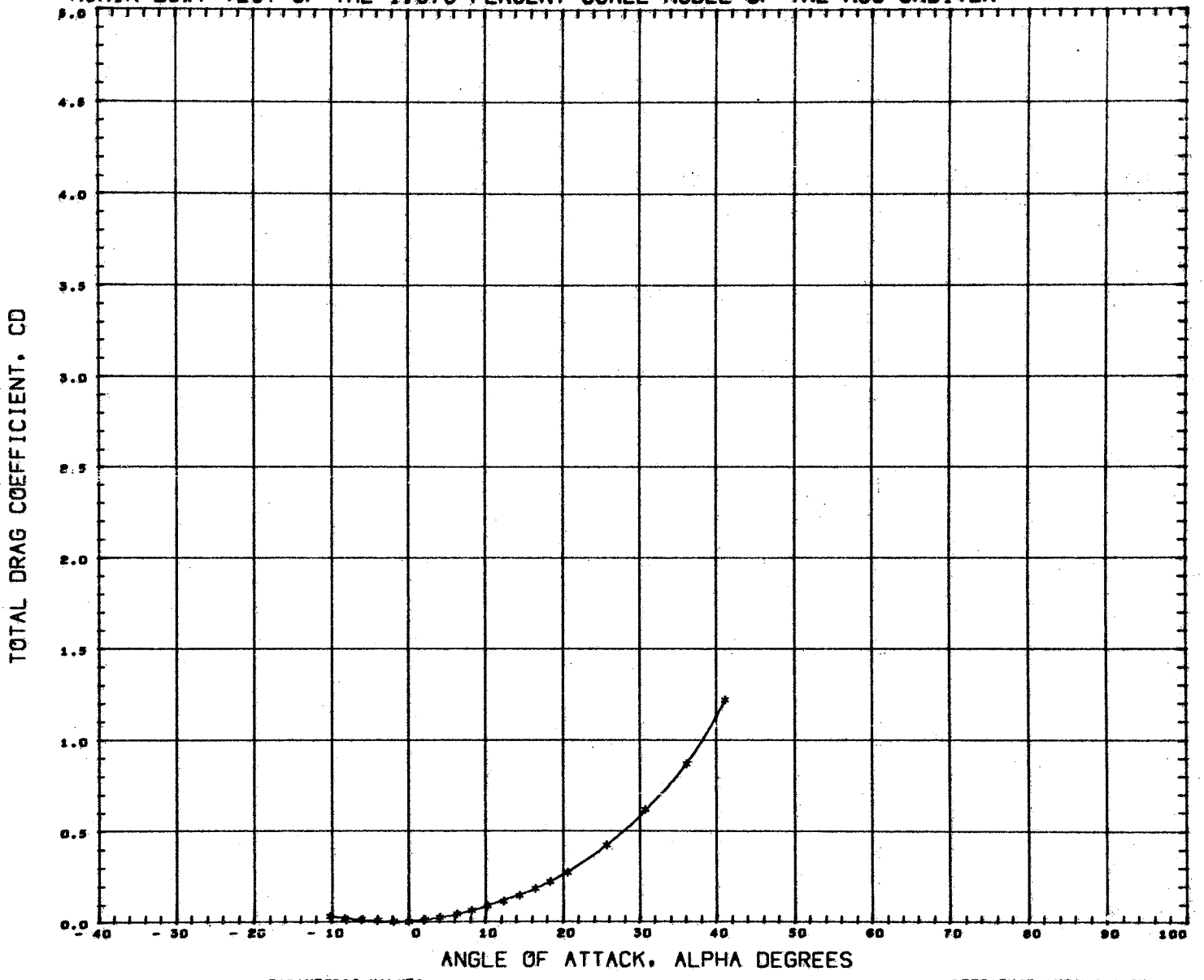
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



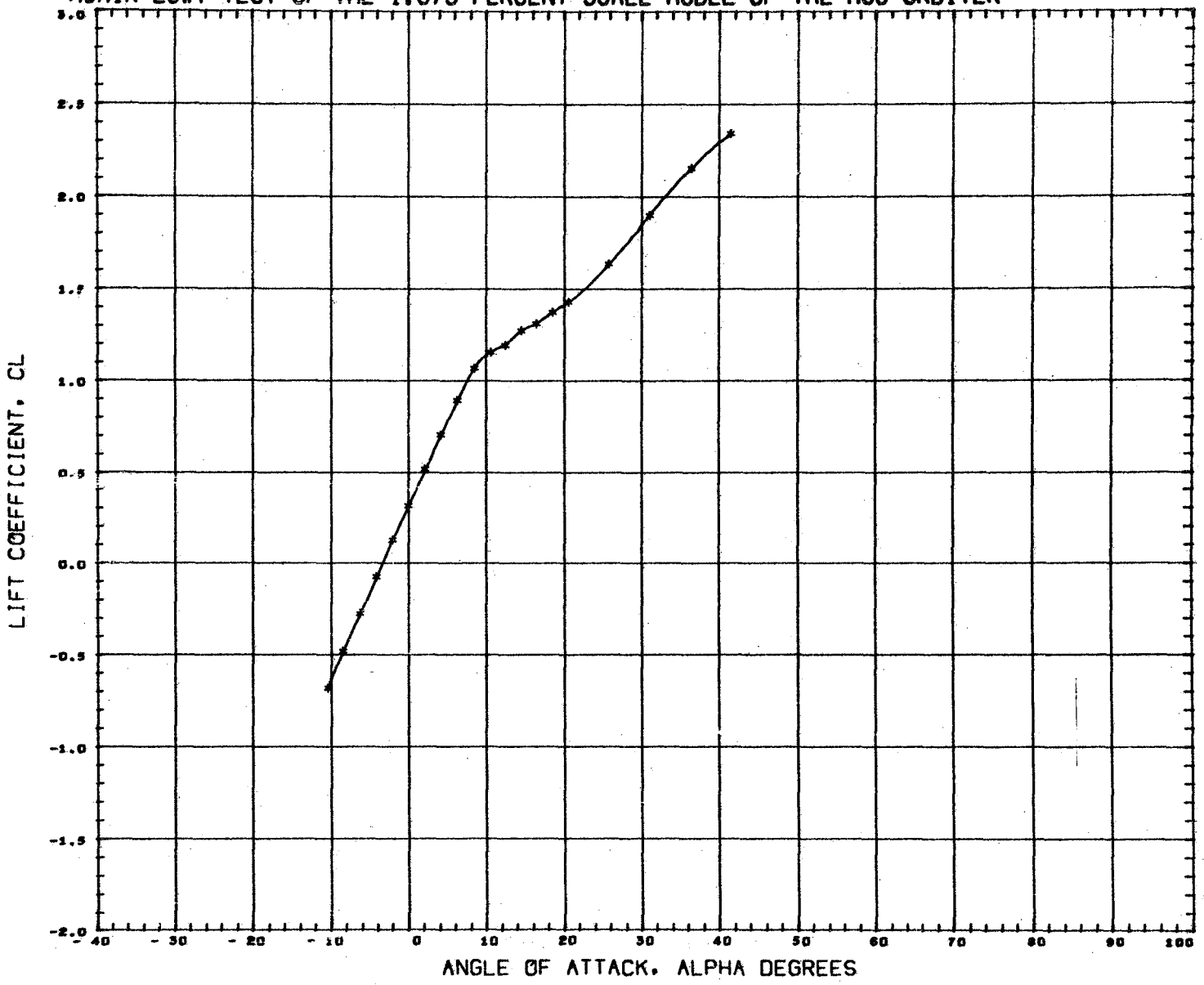
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.07500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



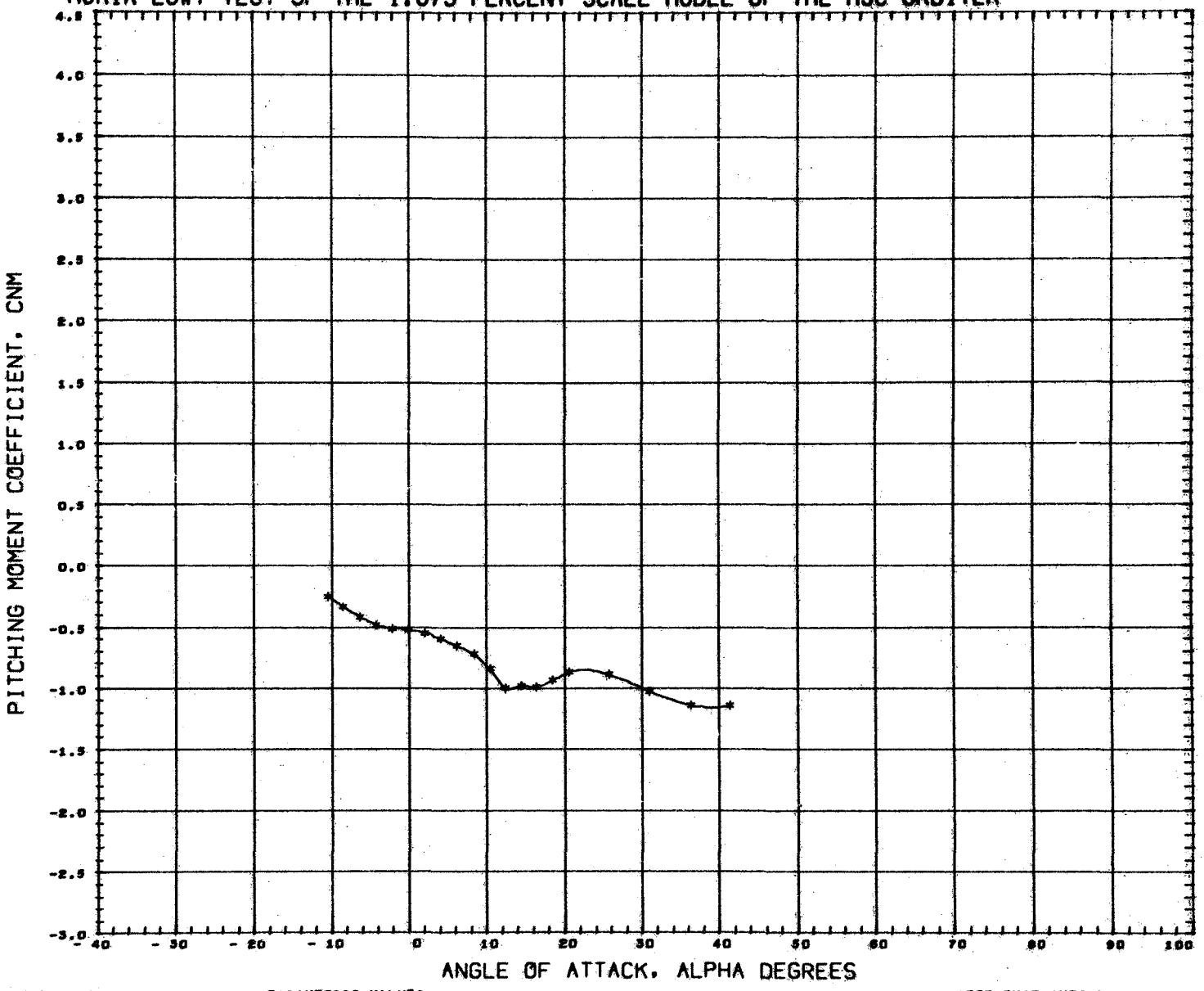
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



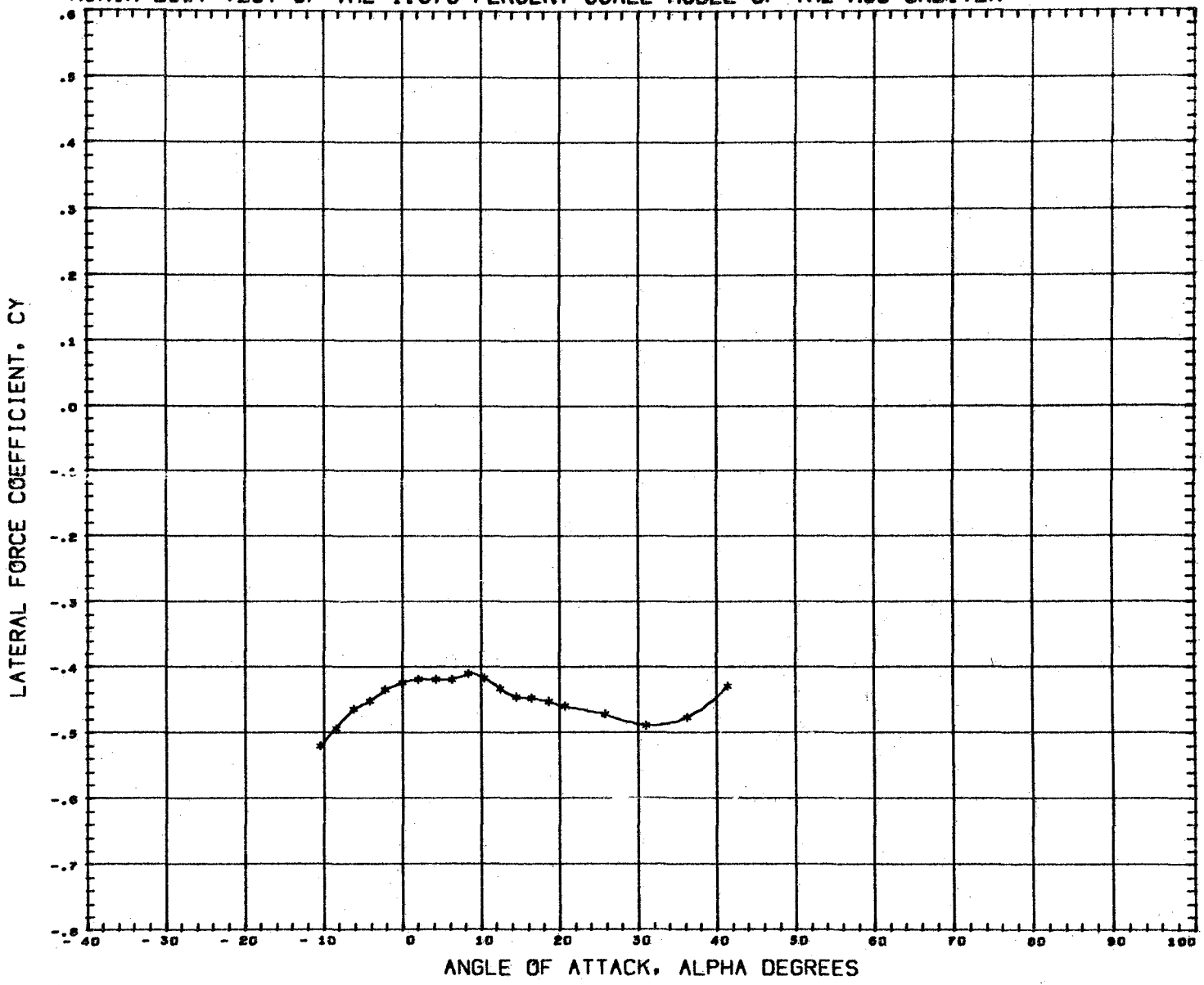
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+01}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.58370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



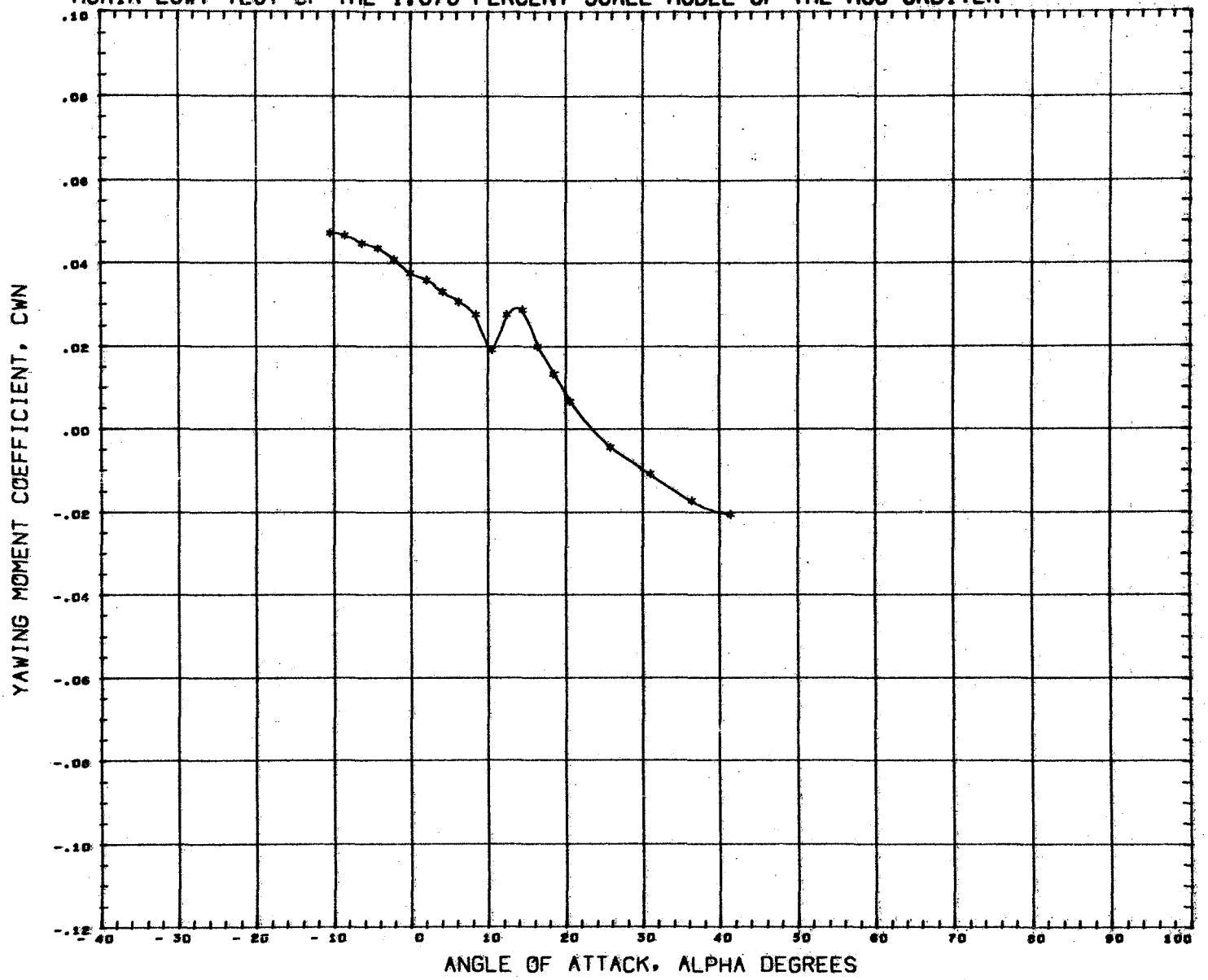
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



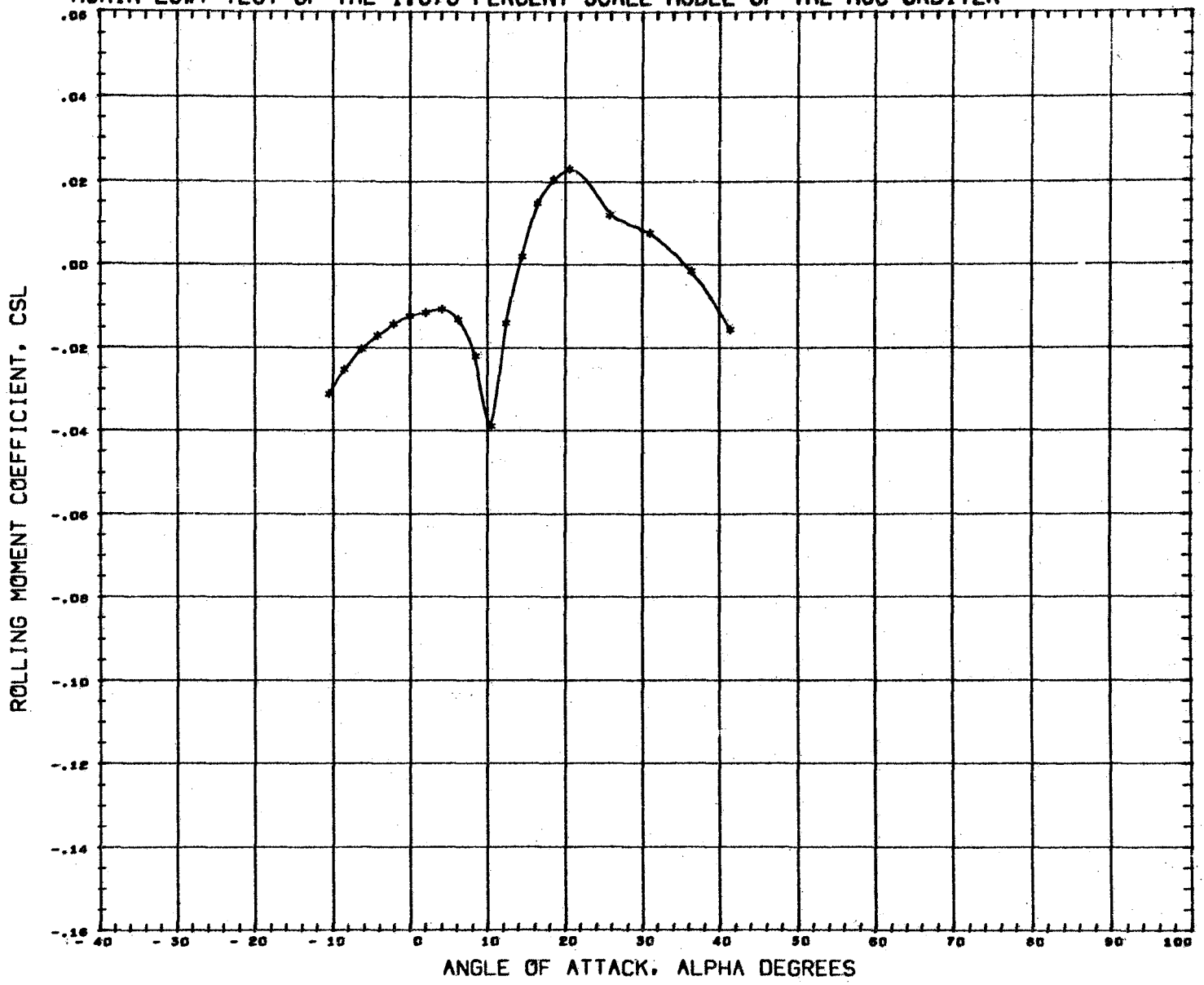
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



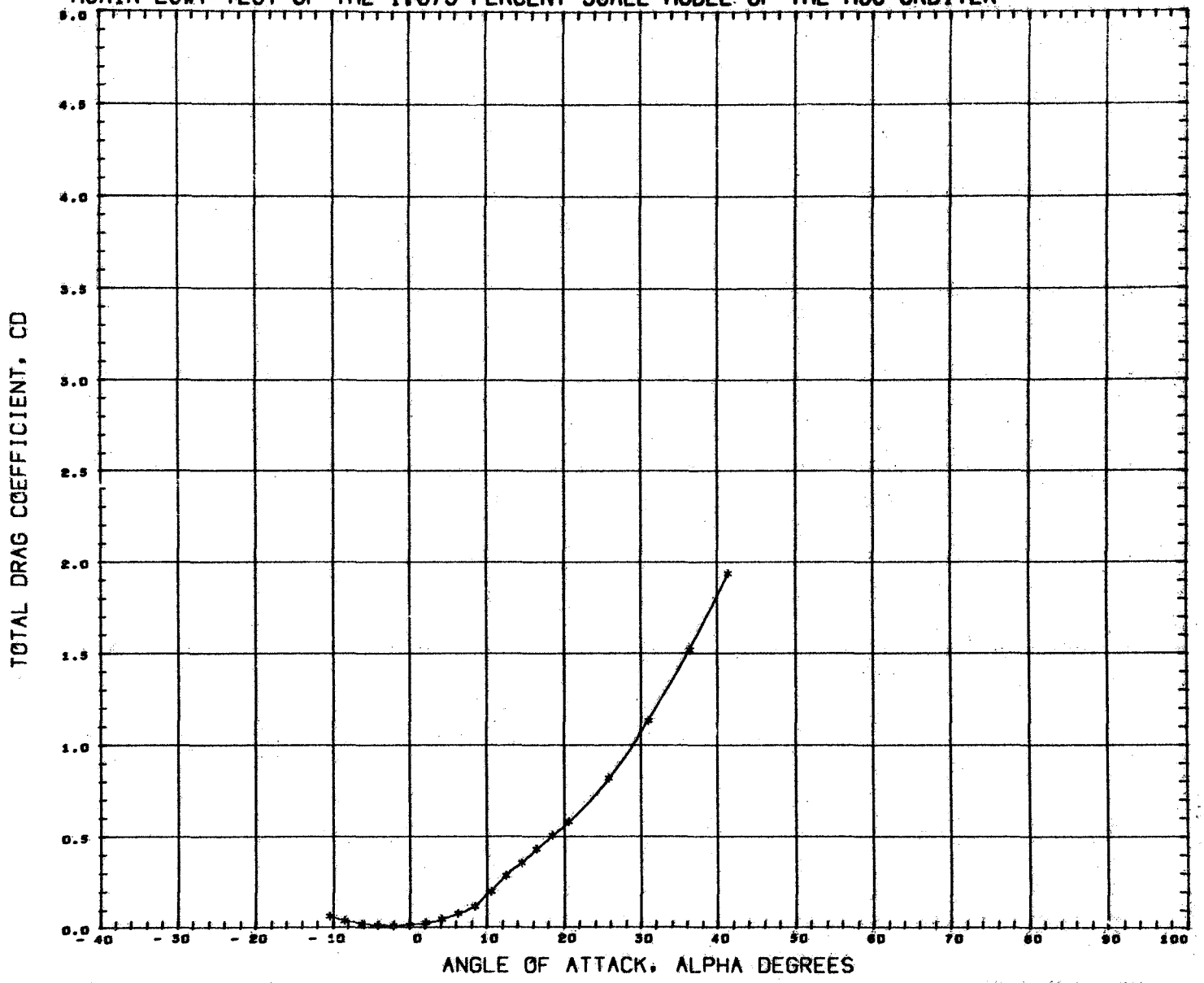
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



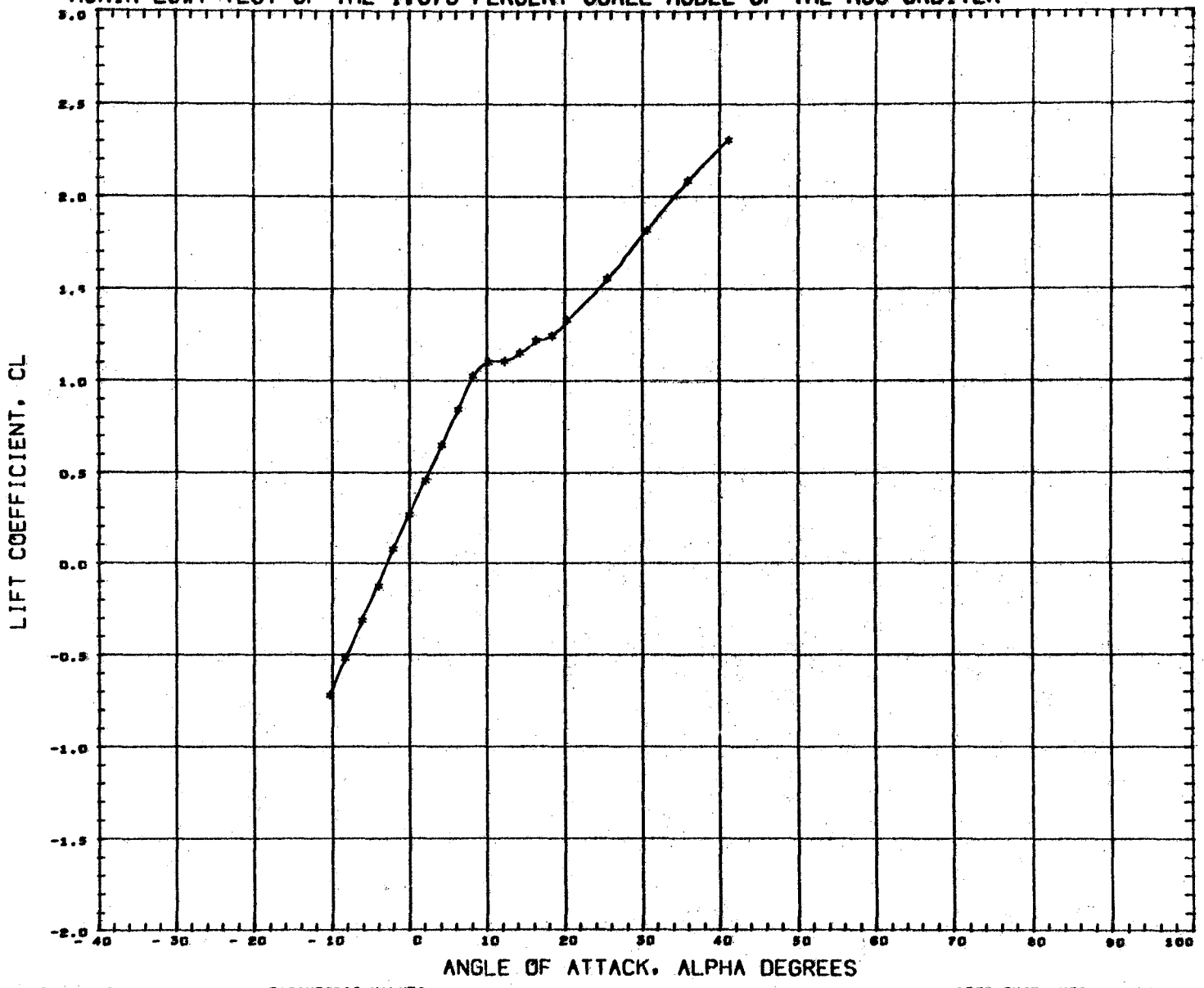
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	$1.87500 \times 10^{}$	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



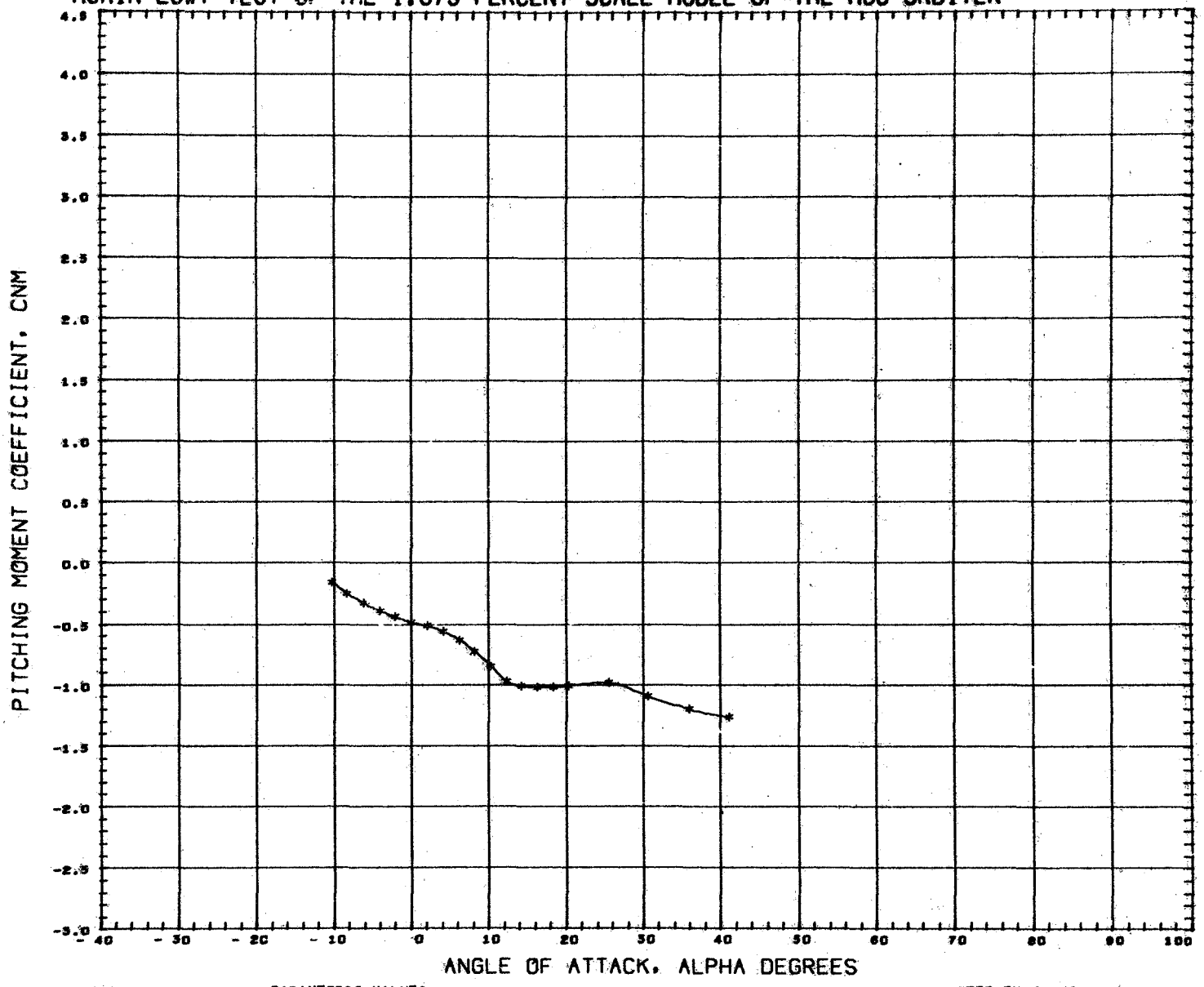
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH
*	0.250

PARAMETRIC VALUES

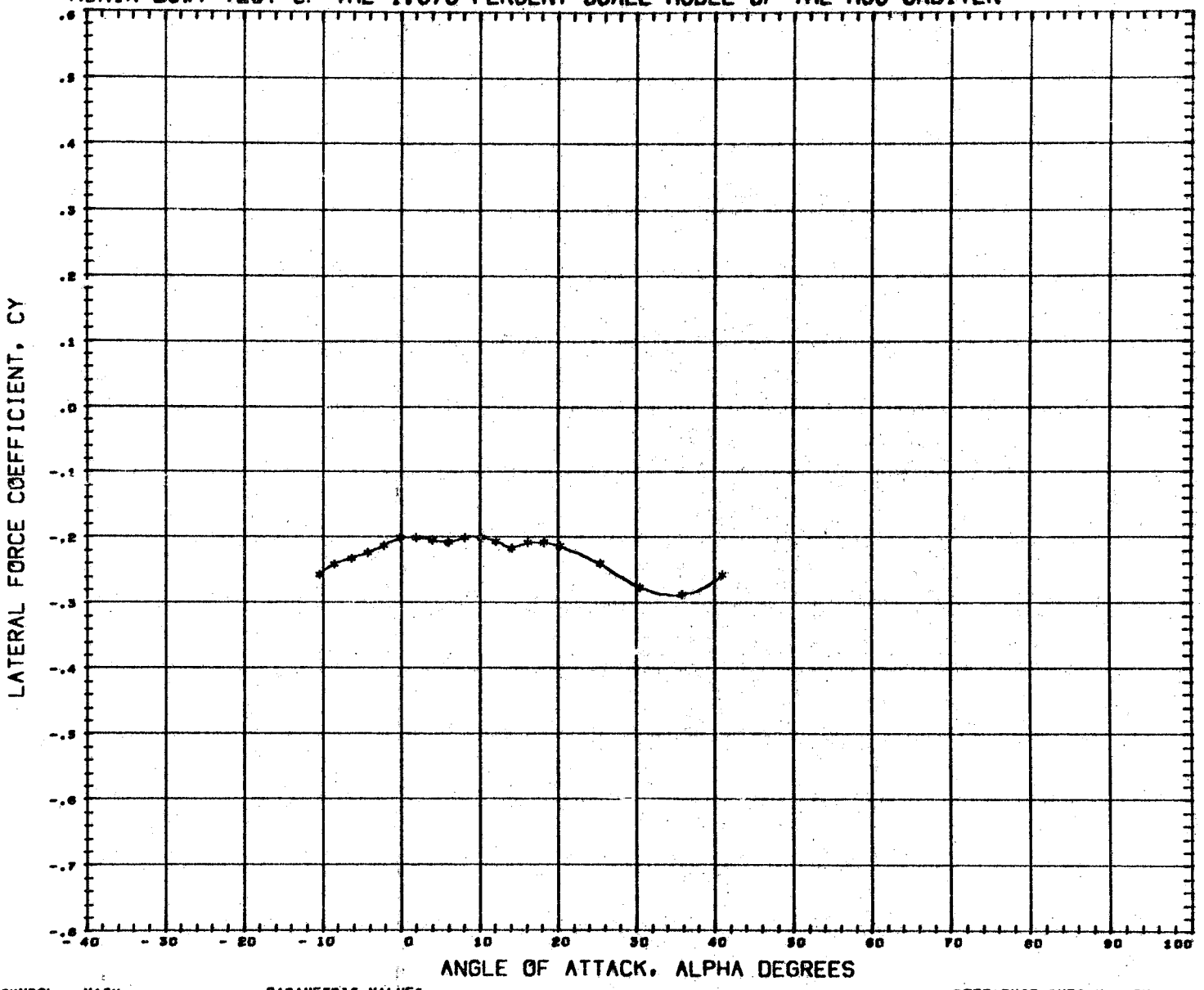
BETA	5.000	HTAIL	0.000
ELEVTR	2.000	PHI	0.000
WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



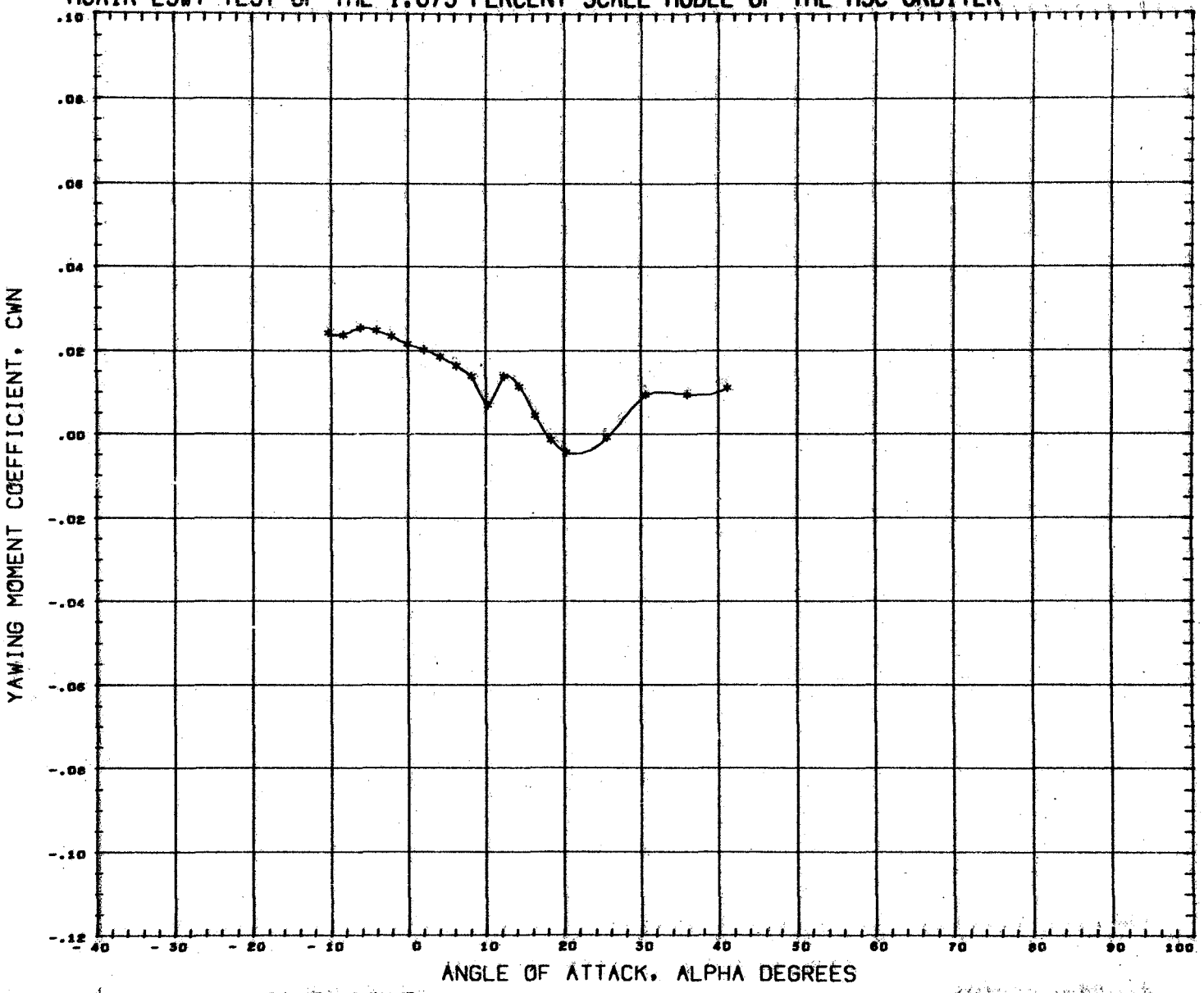
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



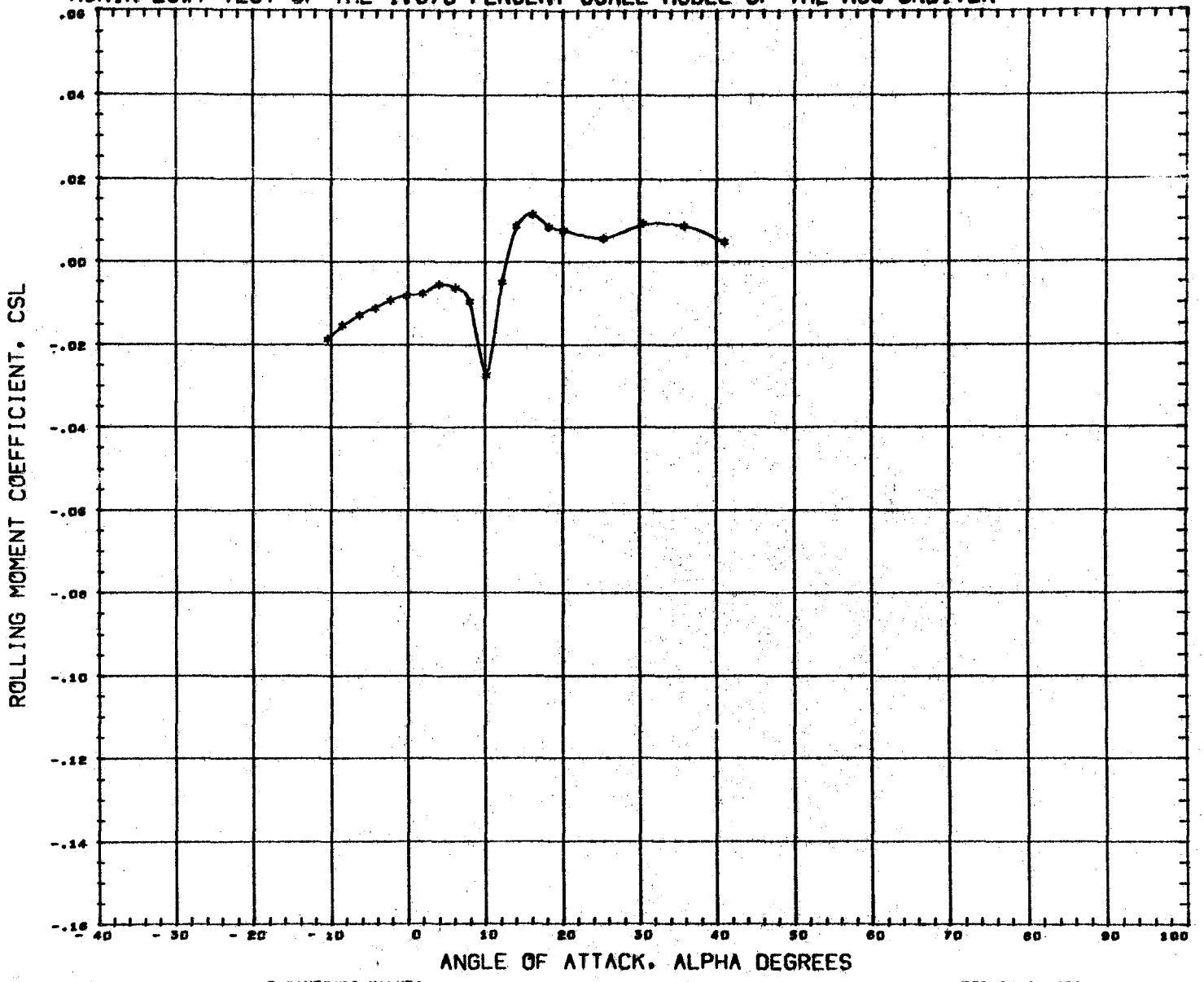
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.36370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.07500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



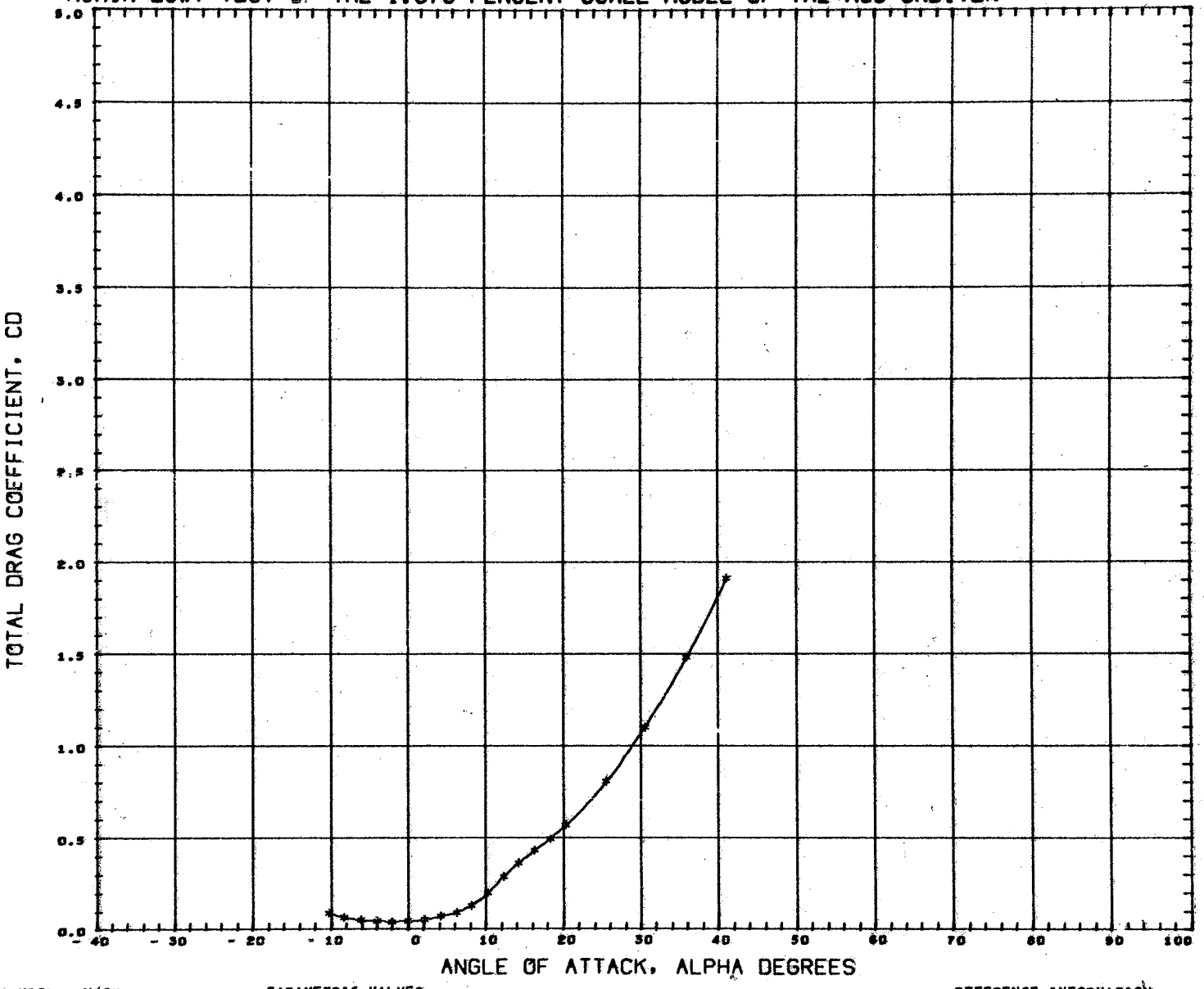
SYMBOL	MACH		PARAMETRIC VALUES		
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



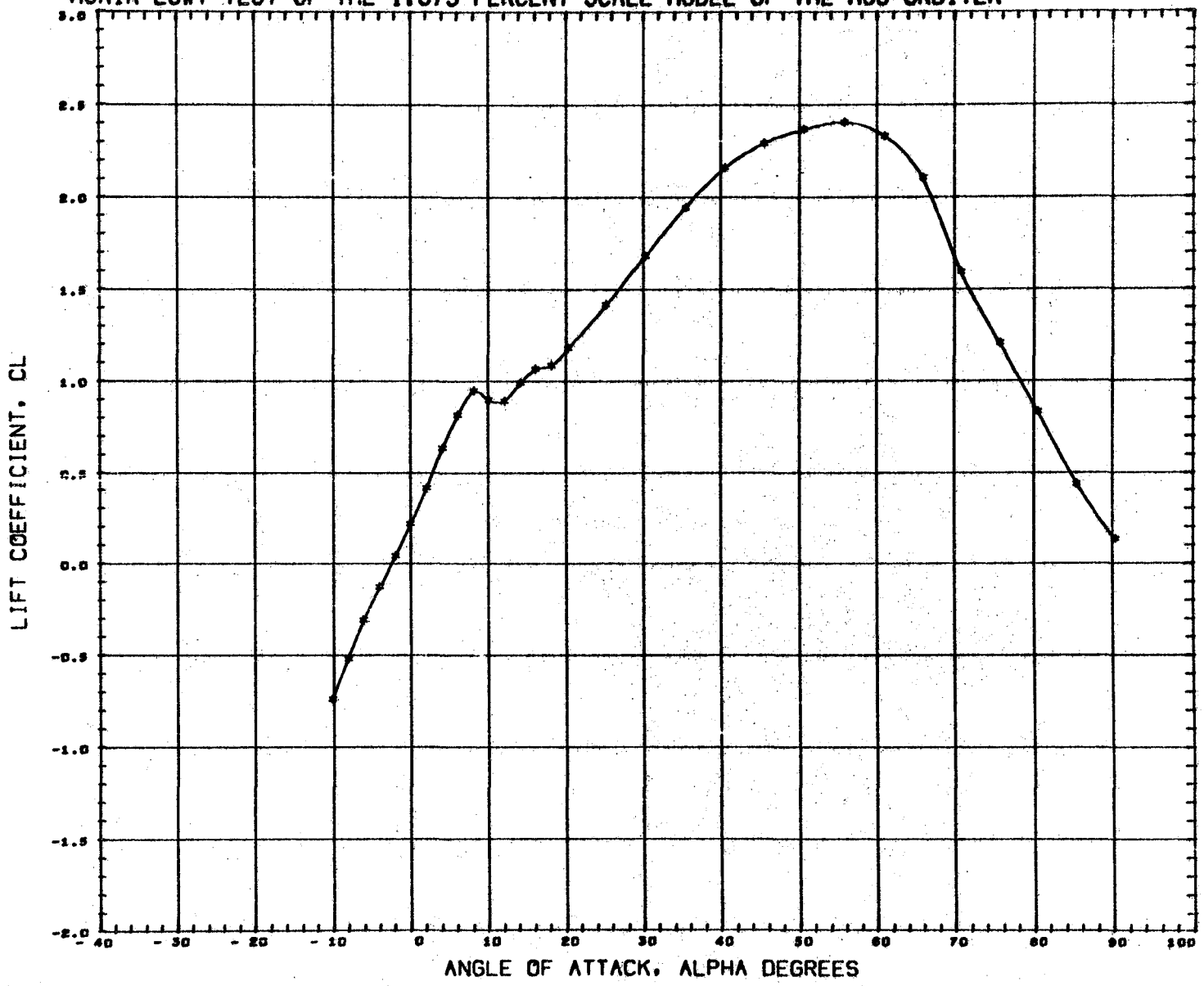
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	2.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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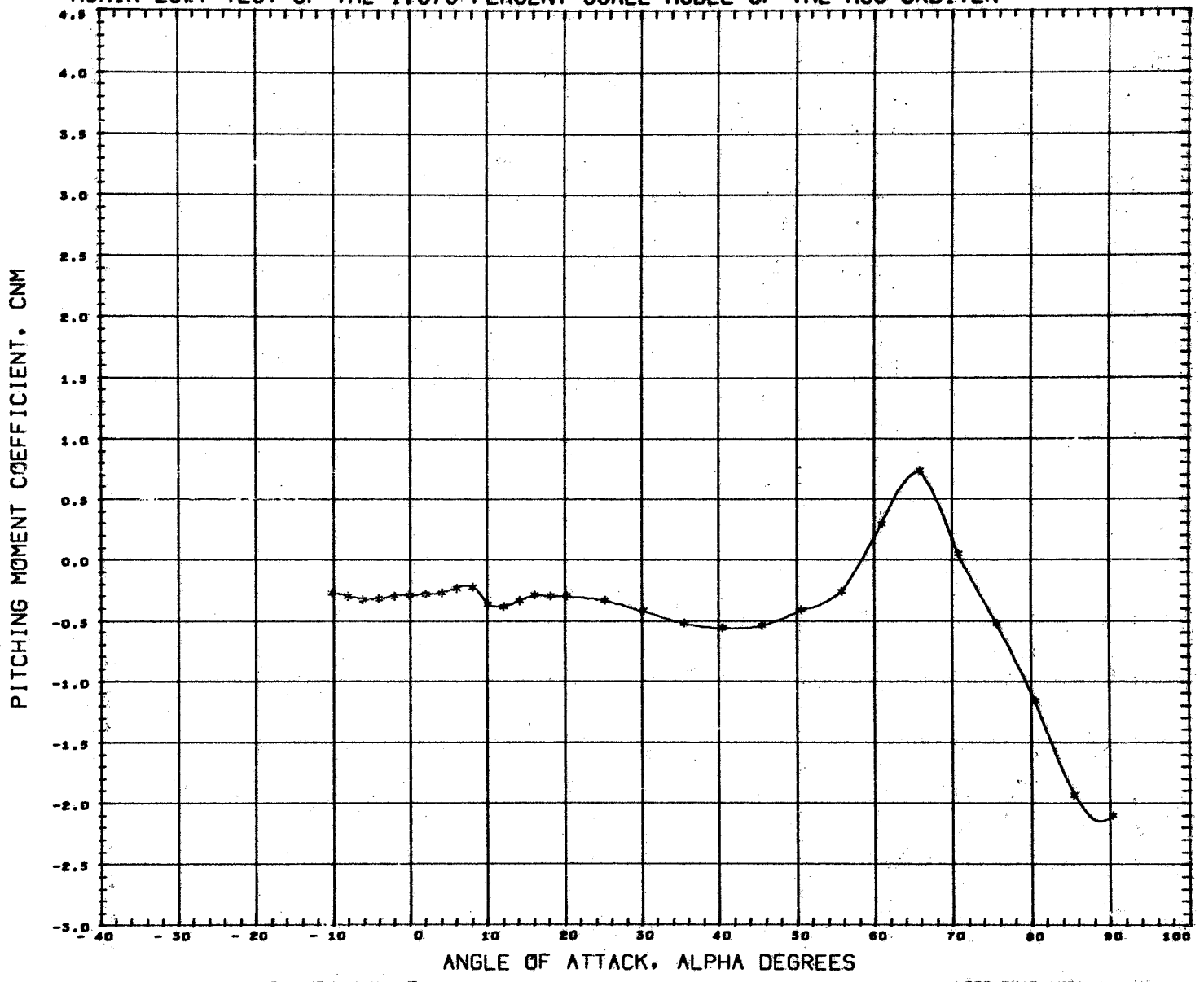
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



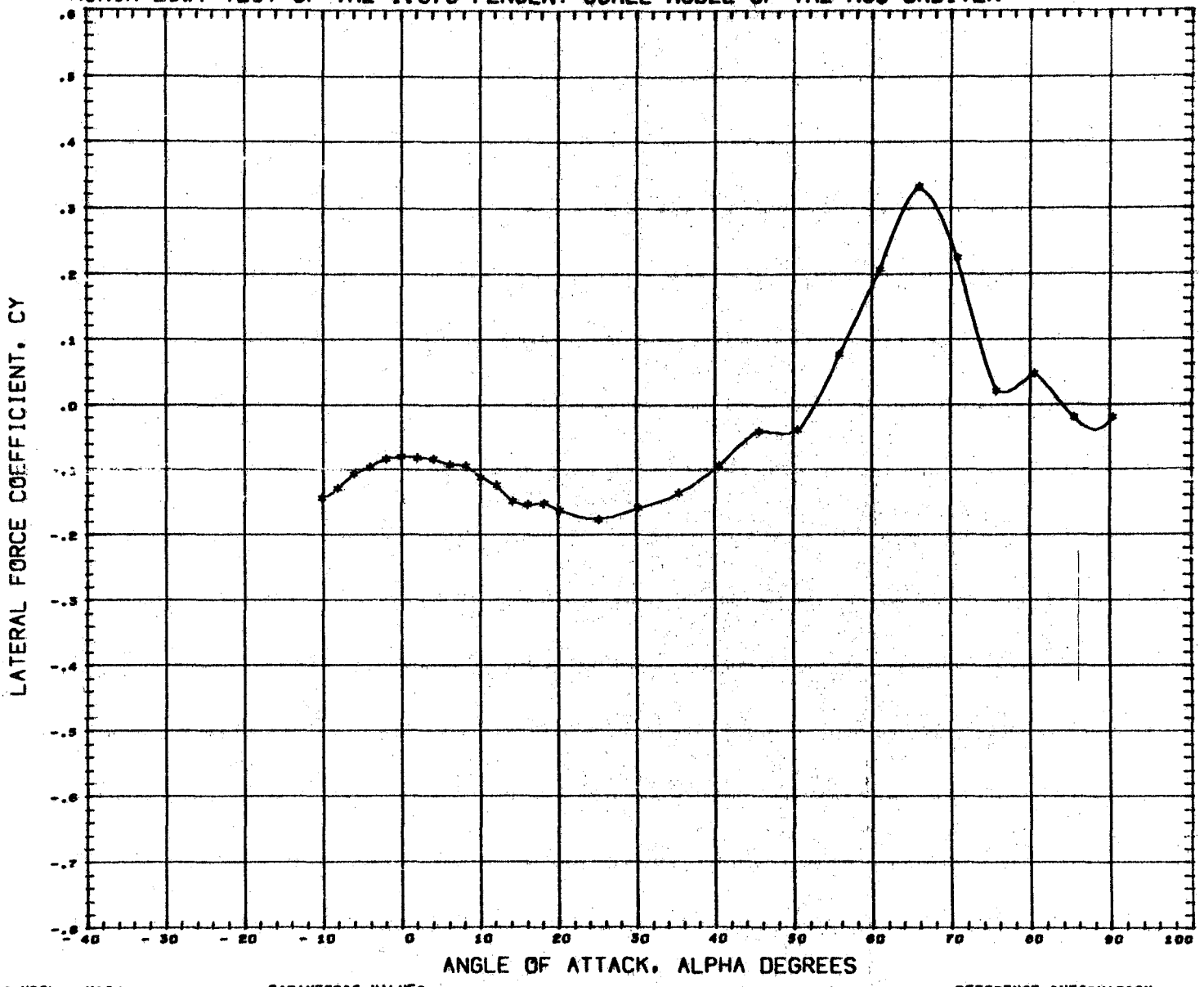
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
●	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

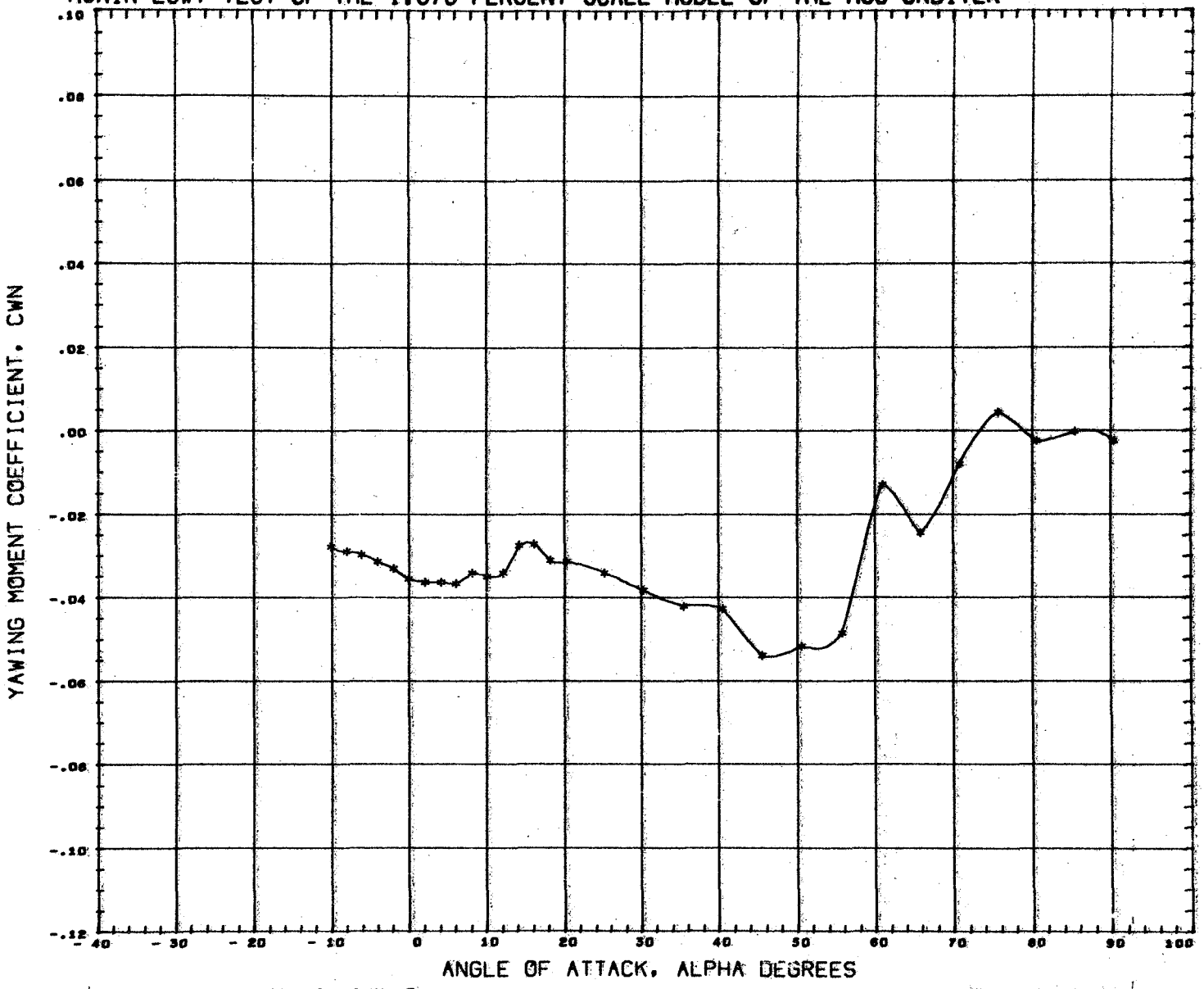
REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20600×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

LSWT 223 1.875 PC MOD S5 ORB. B1H6W1 (RC1052) 28 JUL 70 PAGE 277

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



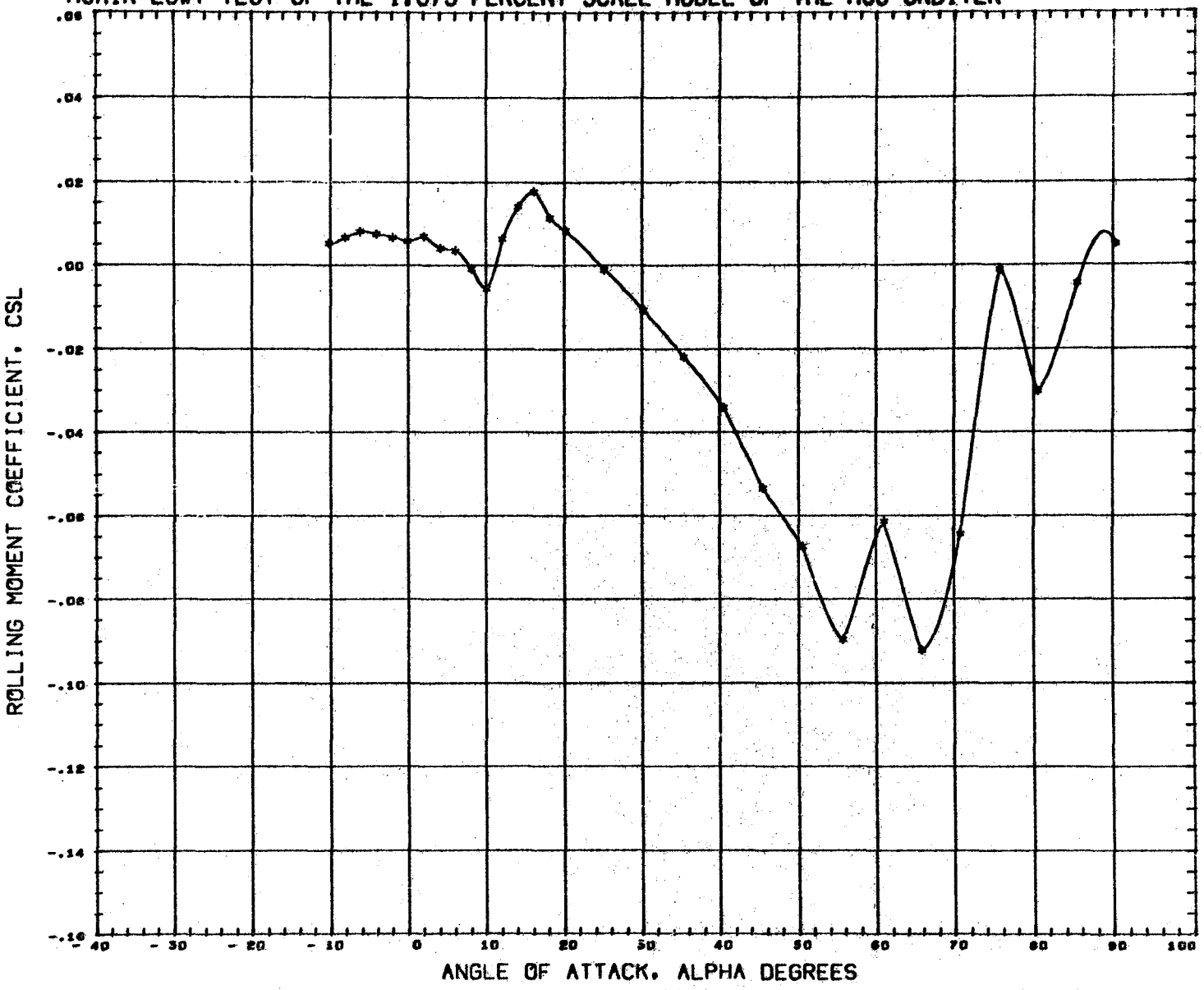
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



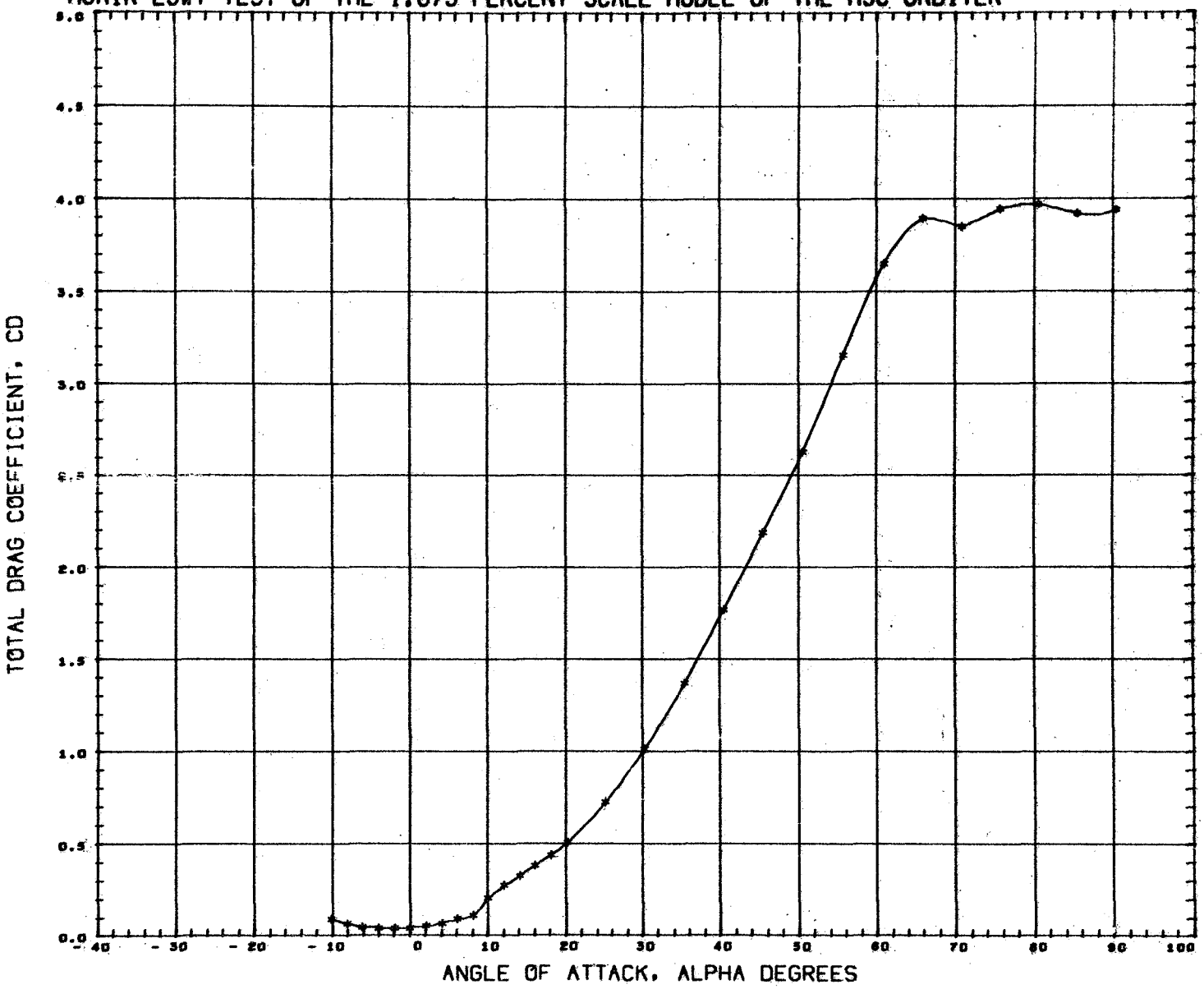
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



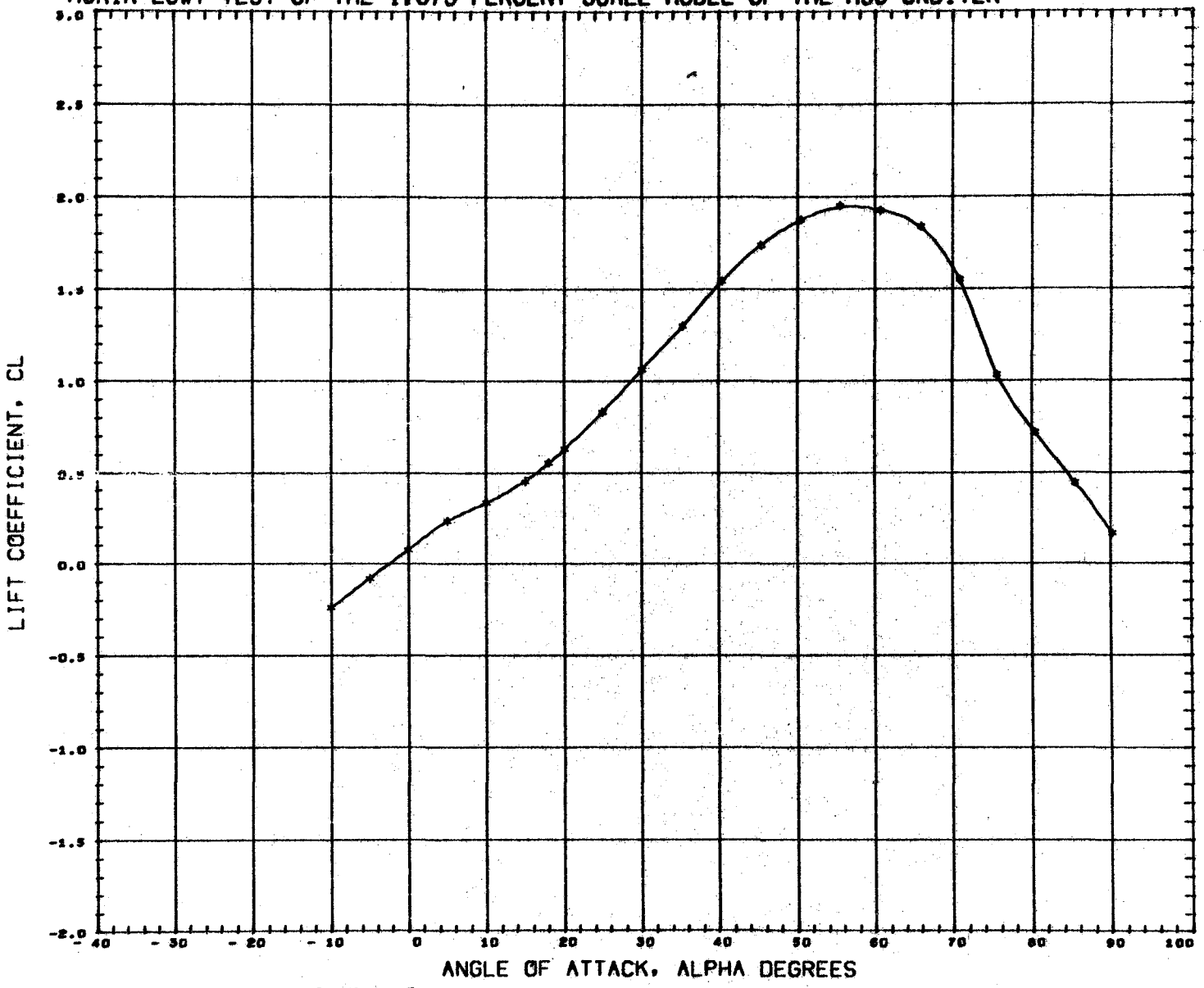
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20600×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

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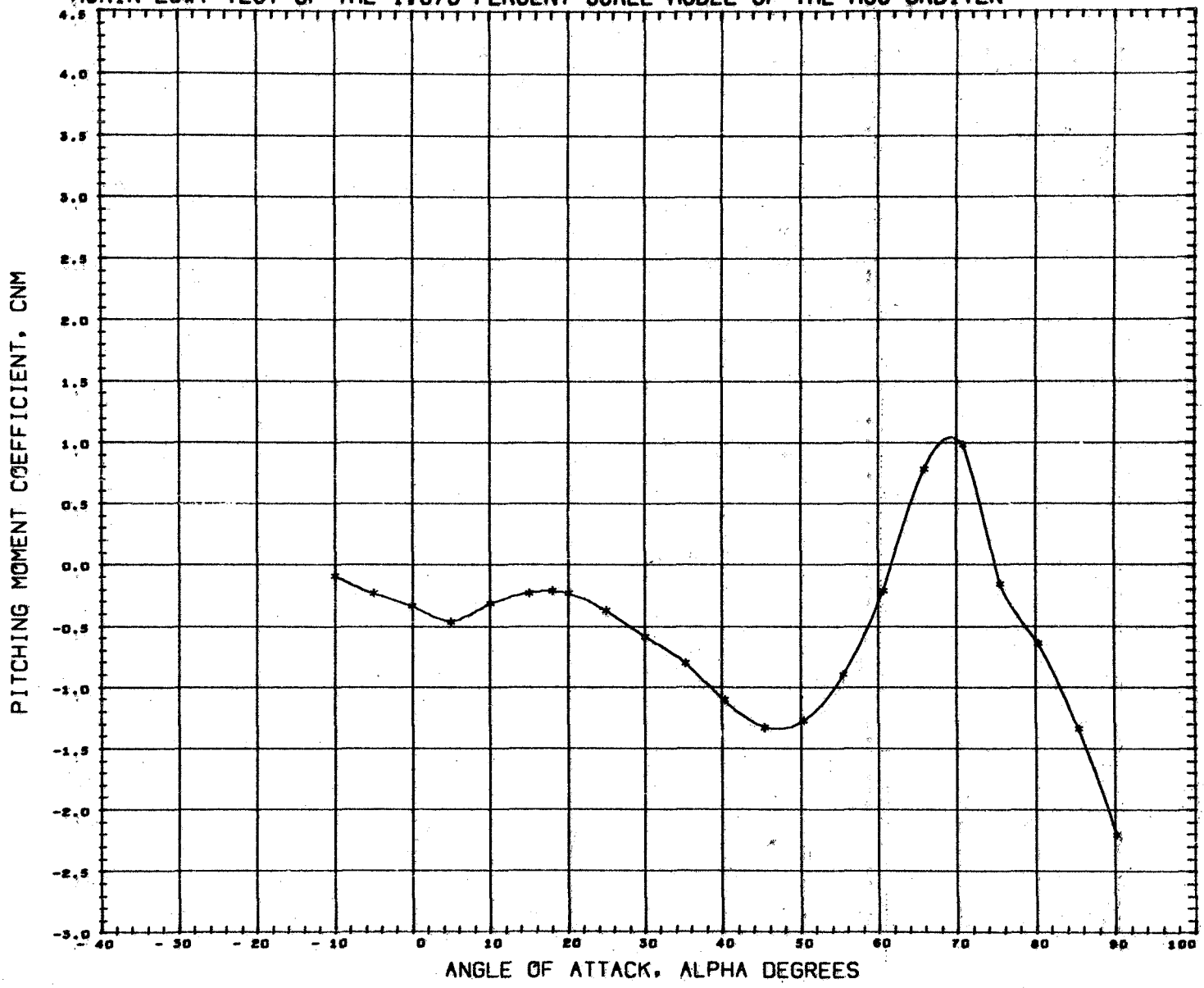
MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



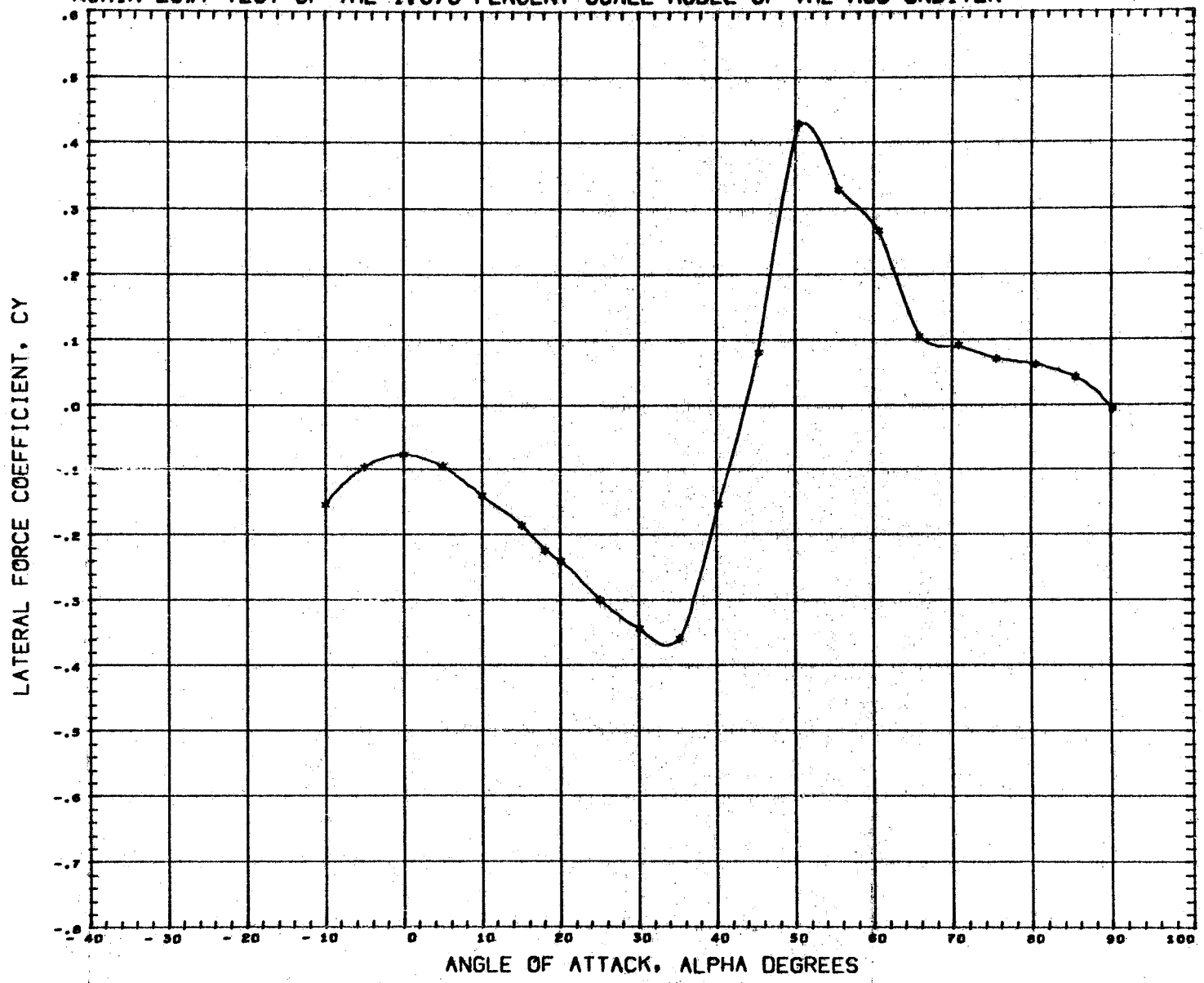
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



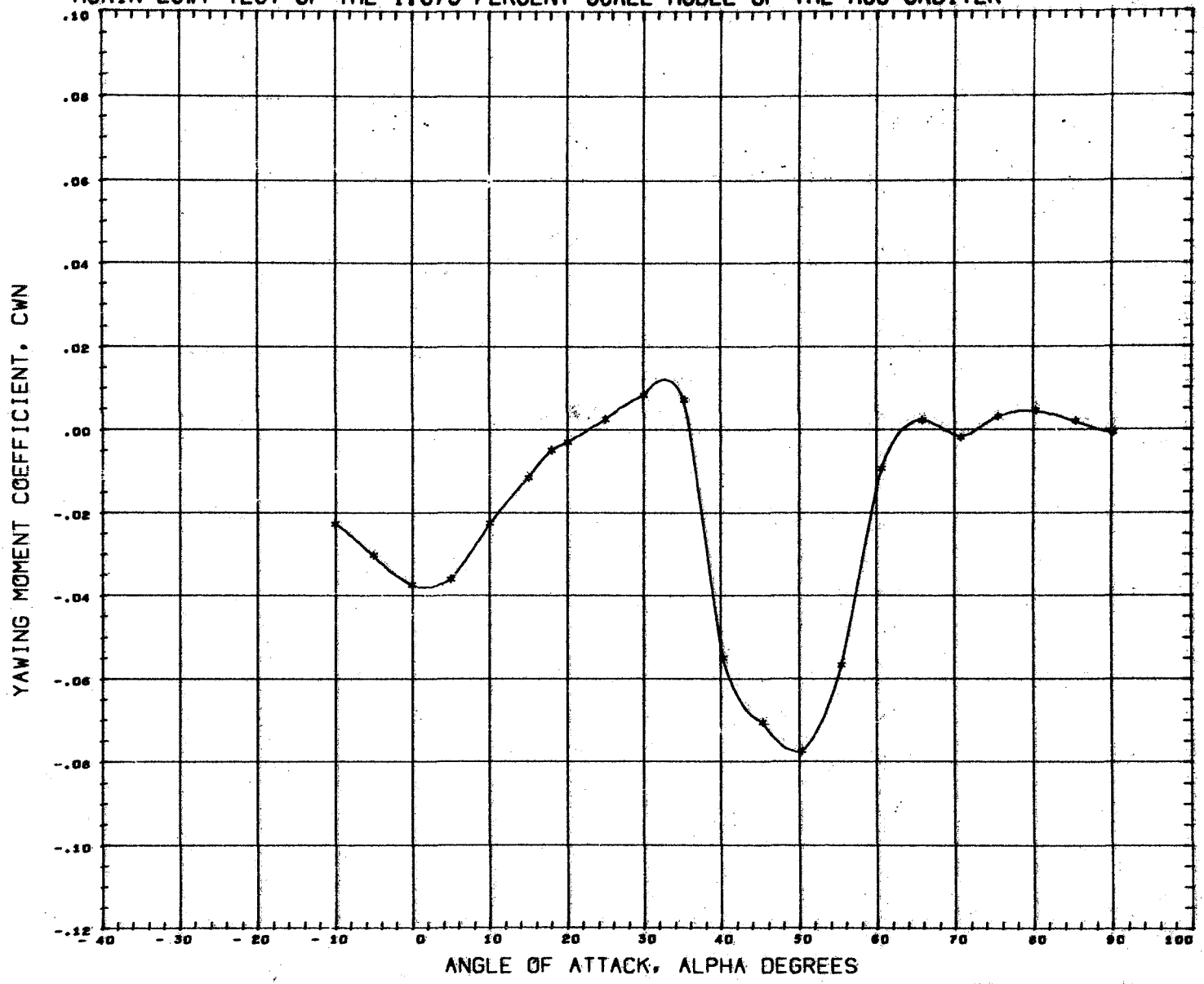
SYMBOL	MACH	PARAMETRIC VALUES			
●	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



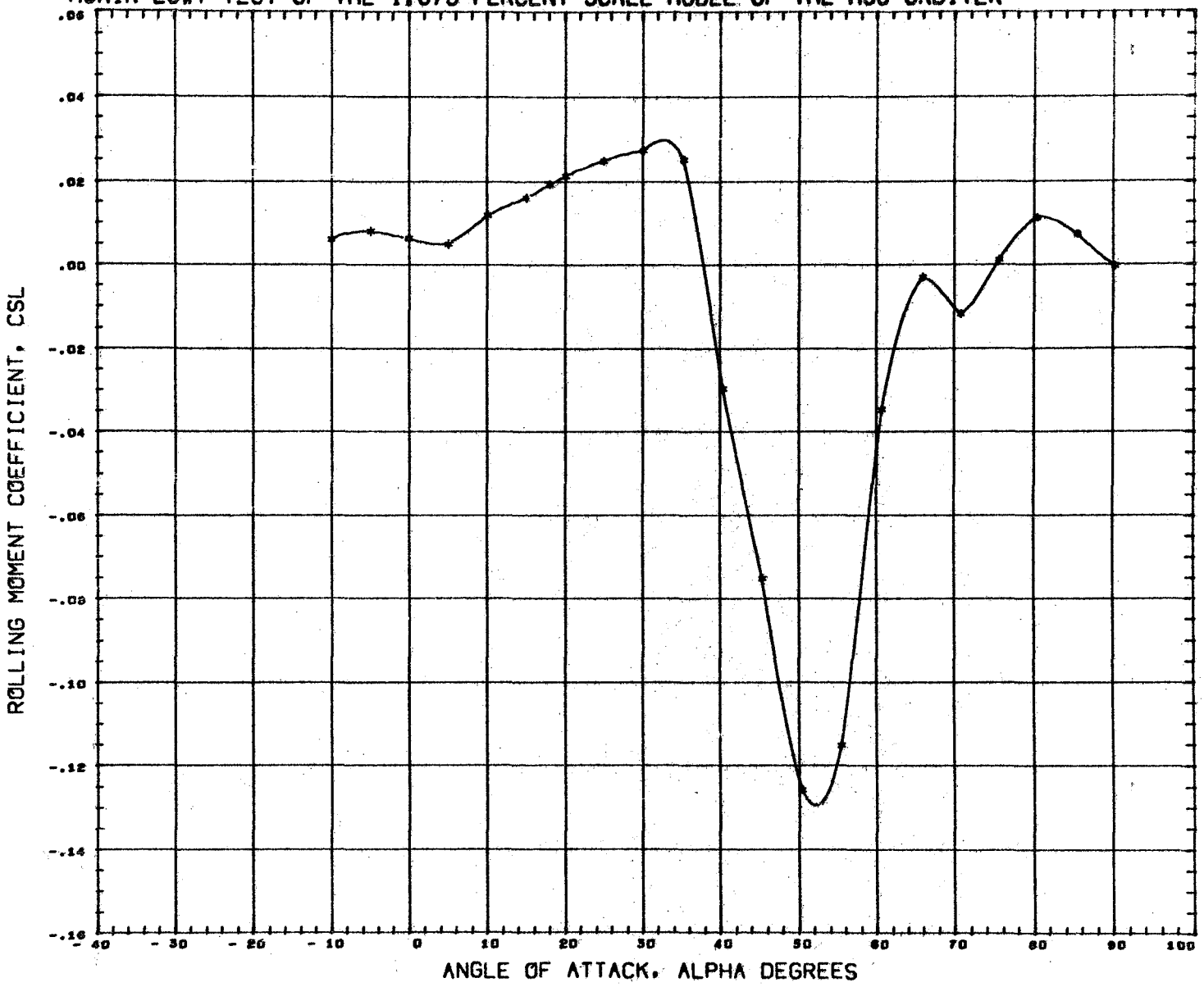
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



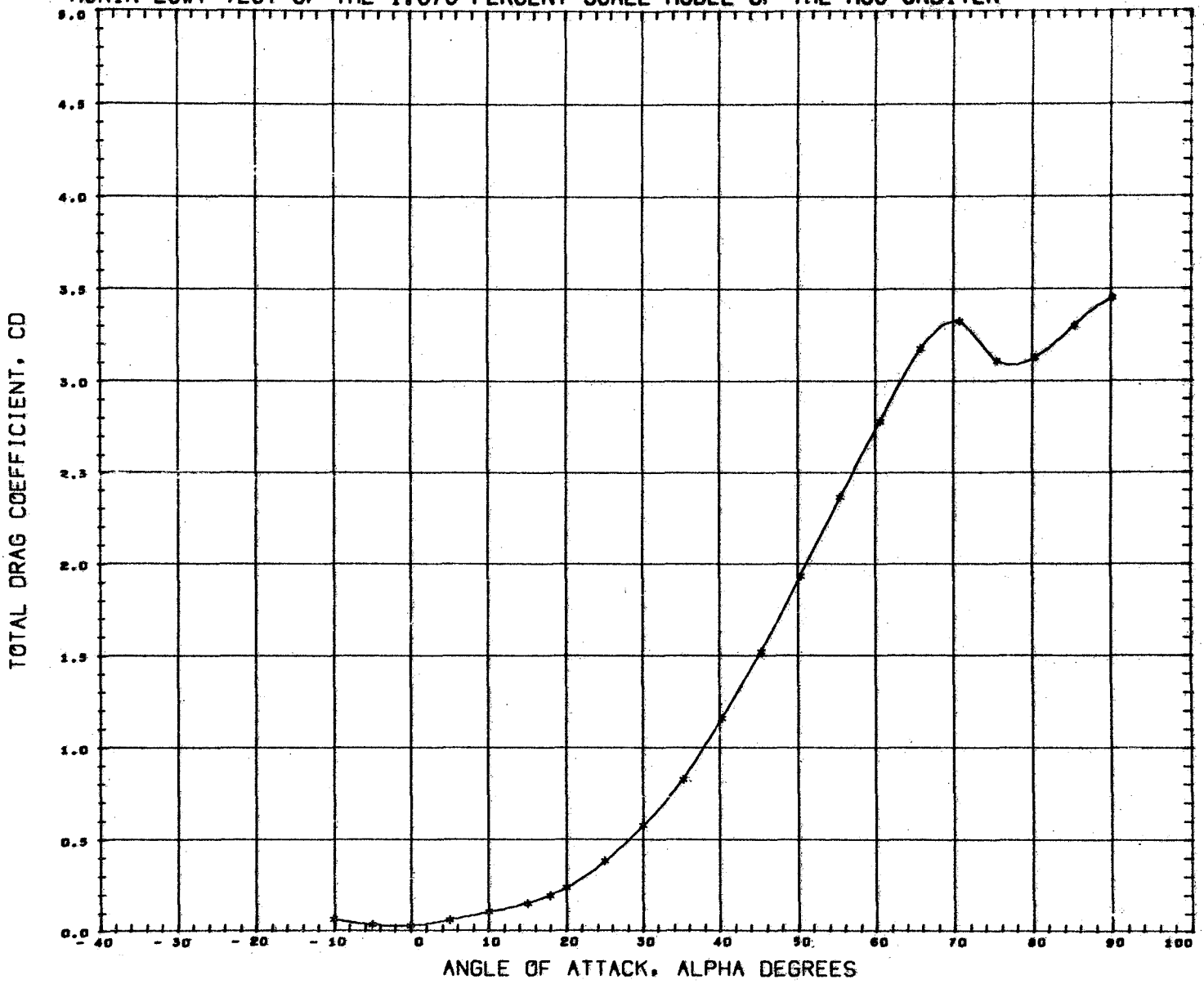
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



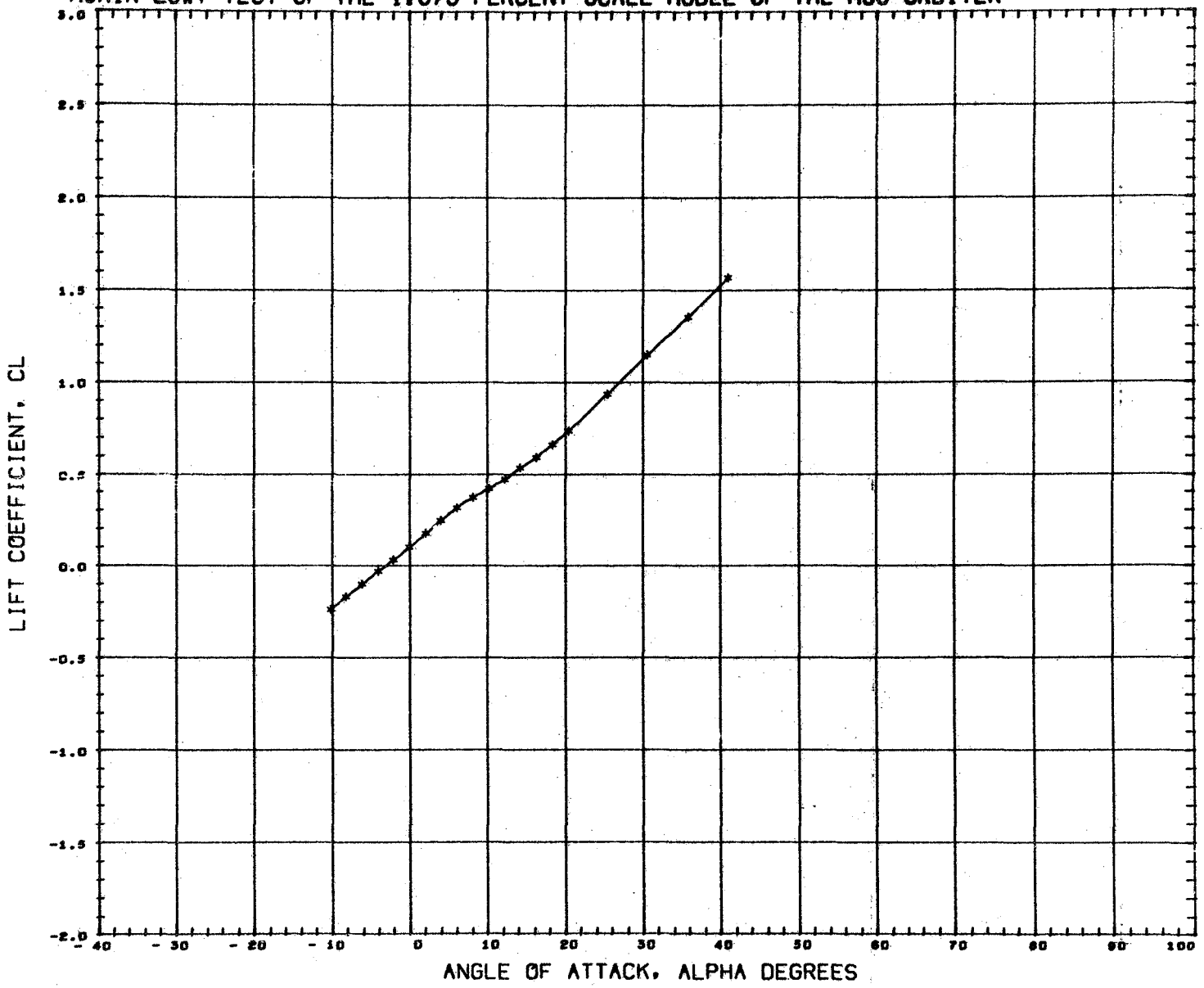
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.58370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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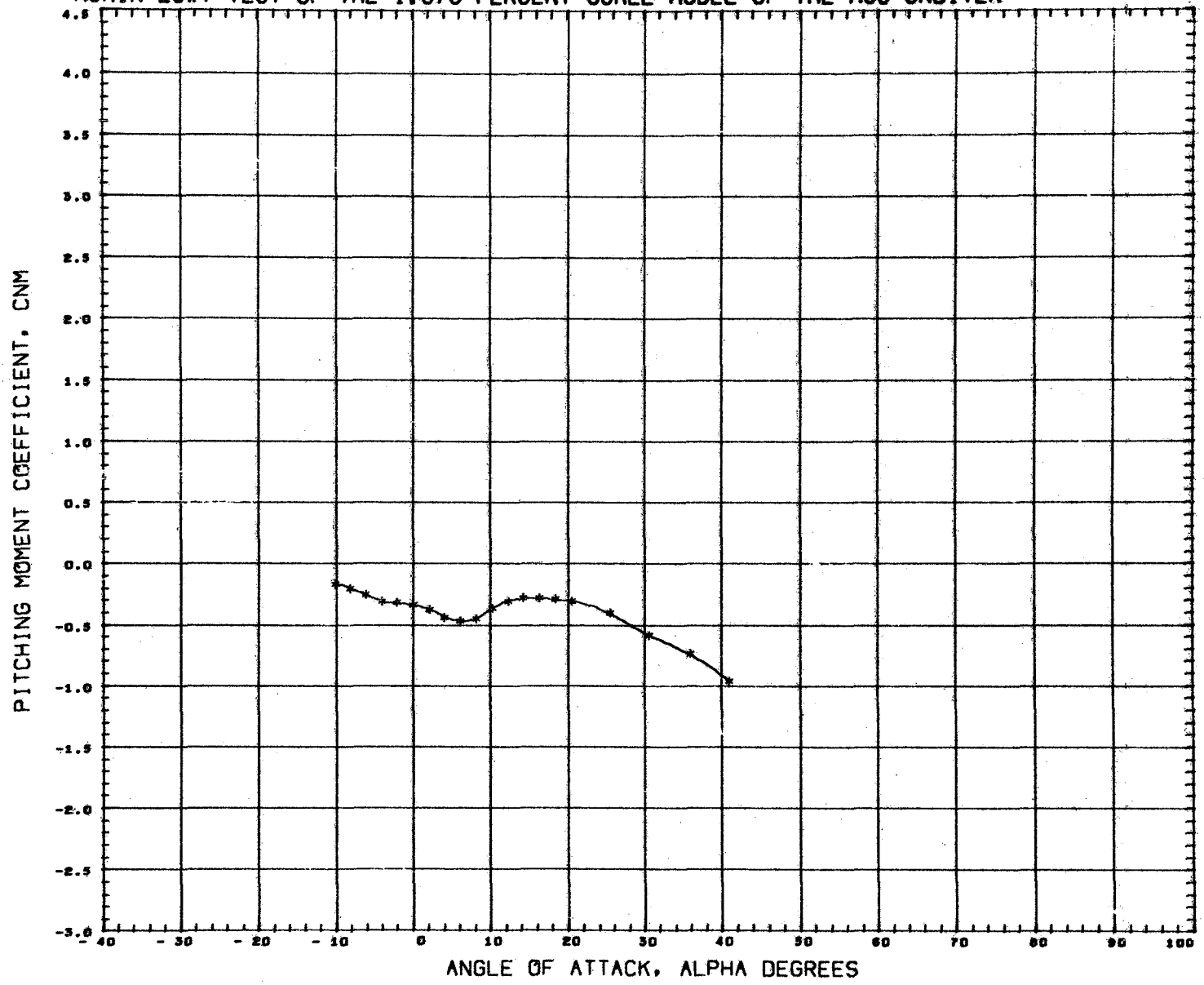
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

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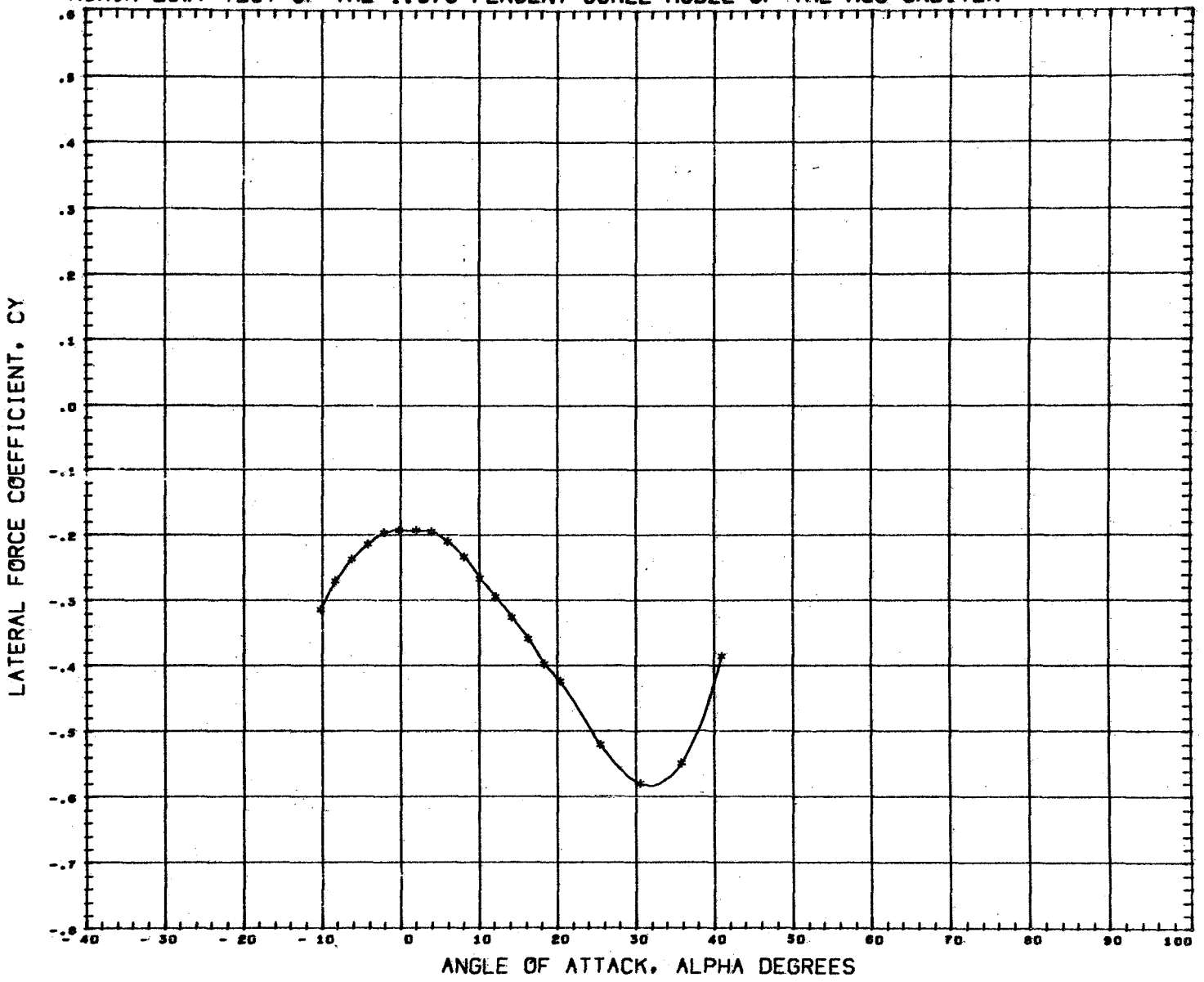
MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



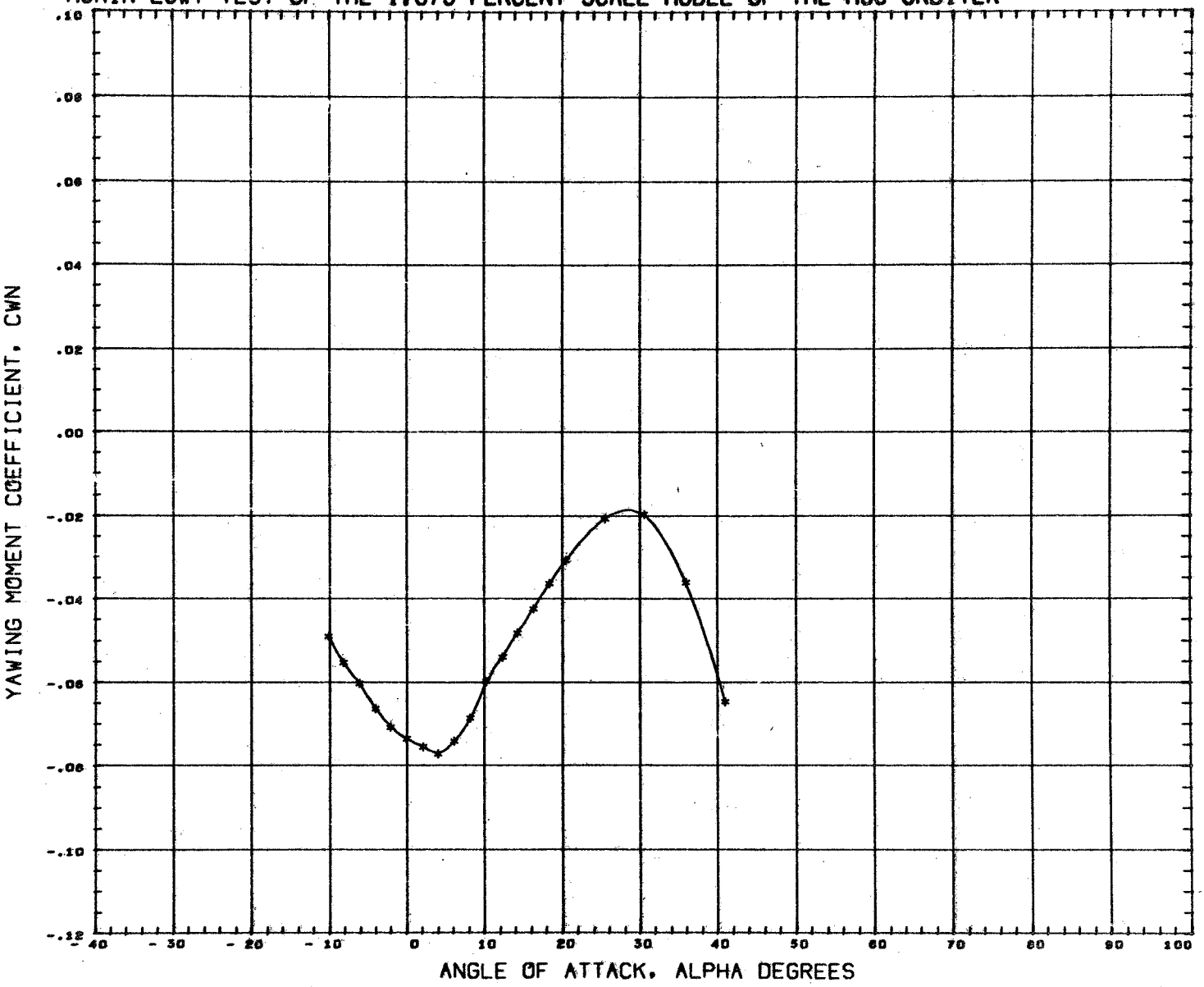
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE 9DY 37100150

REFERENCE INFORMATION

REFS	5.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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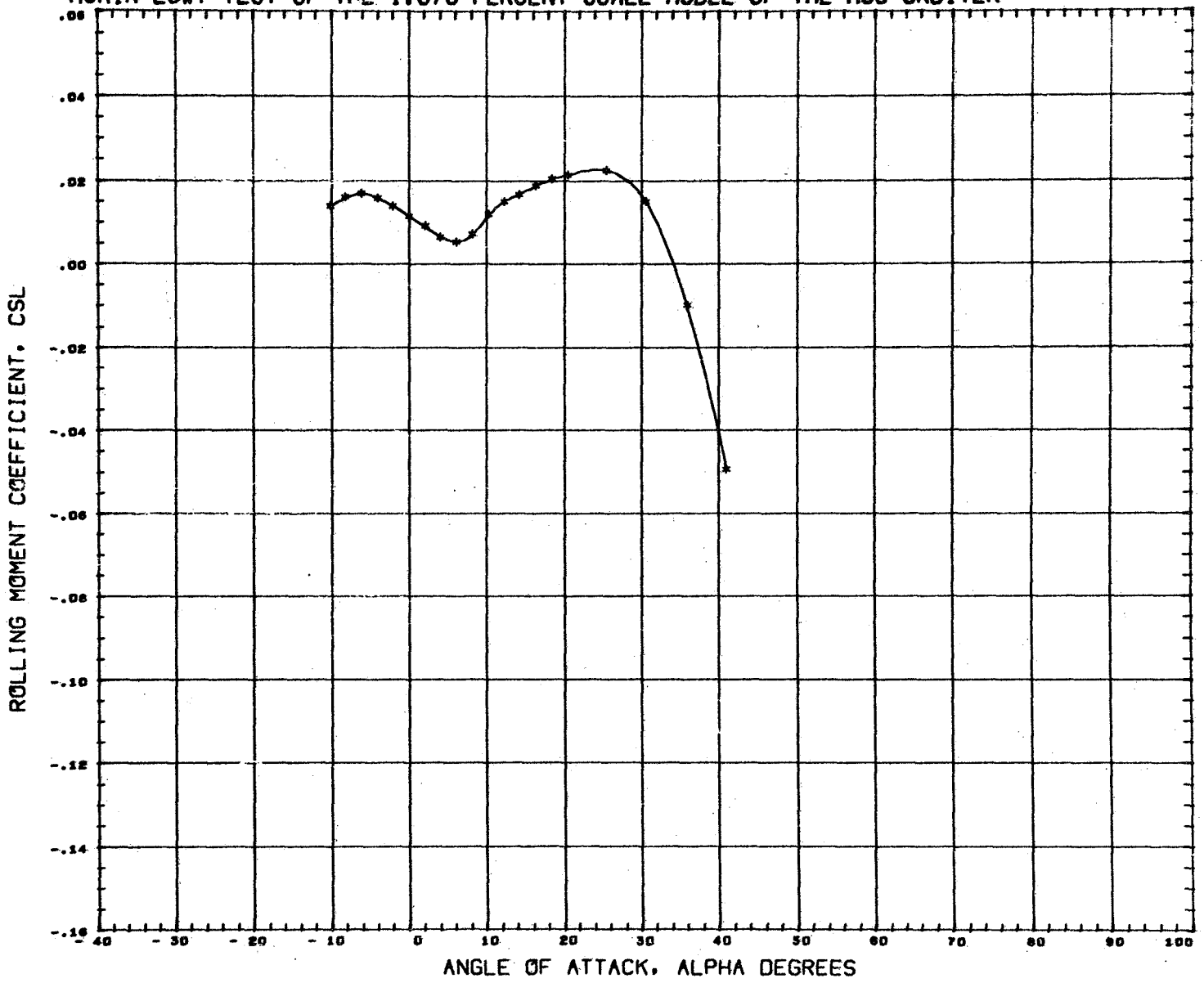
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	$3.20800X10^{-01}$	SQ.FT.
REFL	$2.31700X10^{-01}$	FT.
REFB	$1.50000X10^{+00}$	FT.
XMRP	$1.36370X10^{+01}$	IN.
YMRP	$0.00000X10^{+00}$	IN.
ZMRP	$2.40000X10^{+00}$	IN.
SCALE	$1.87500X10^{-02}$	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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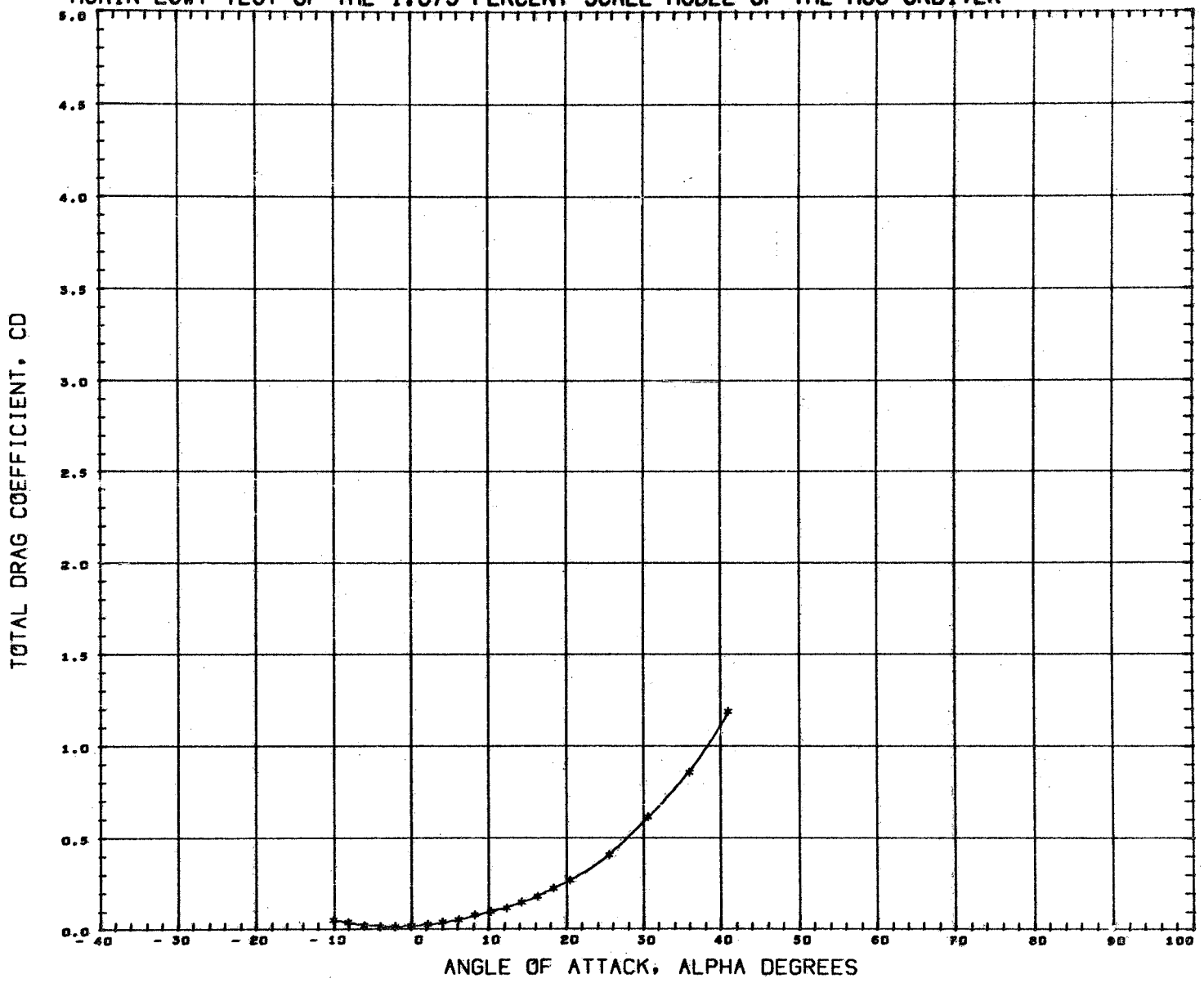
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



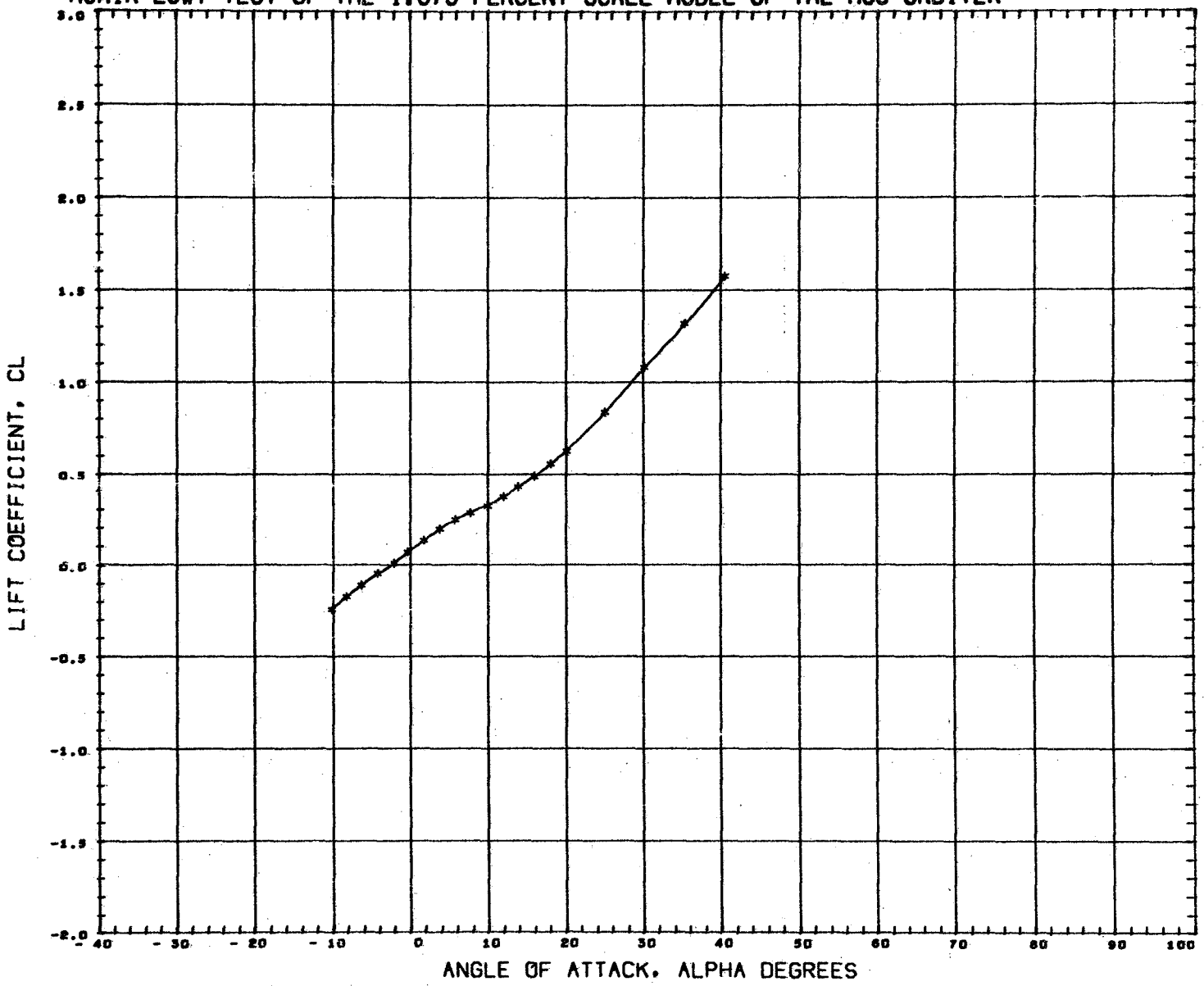
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	10.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



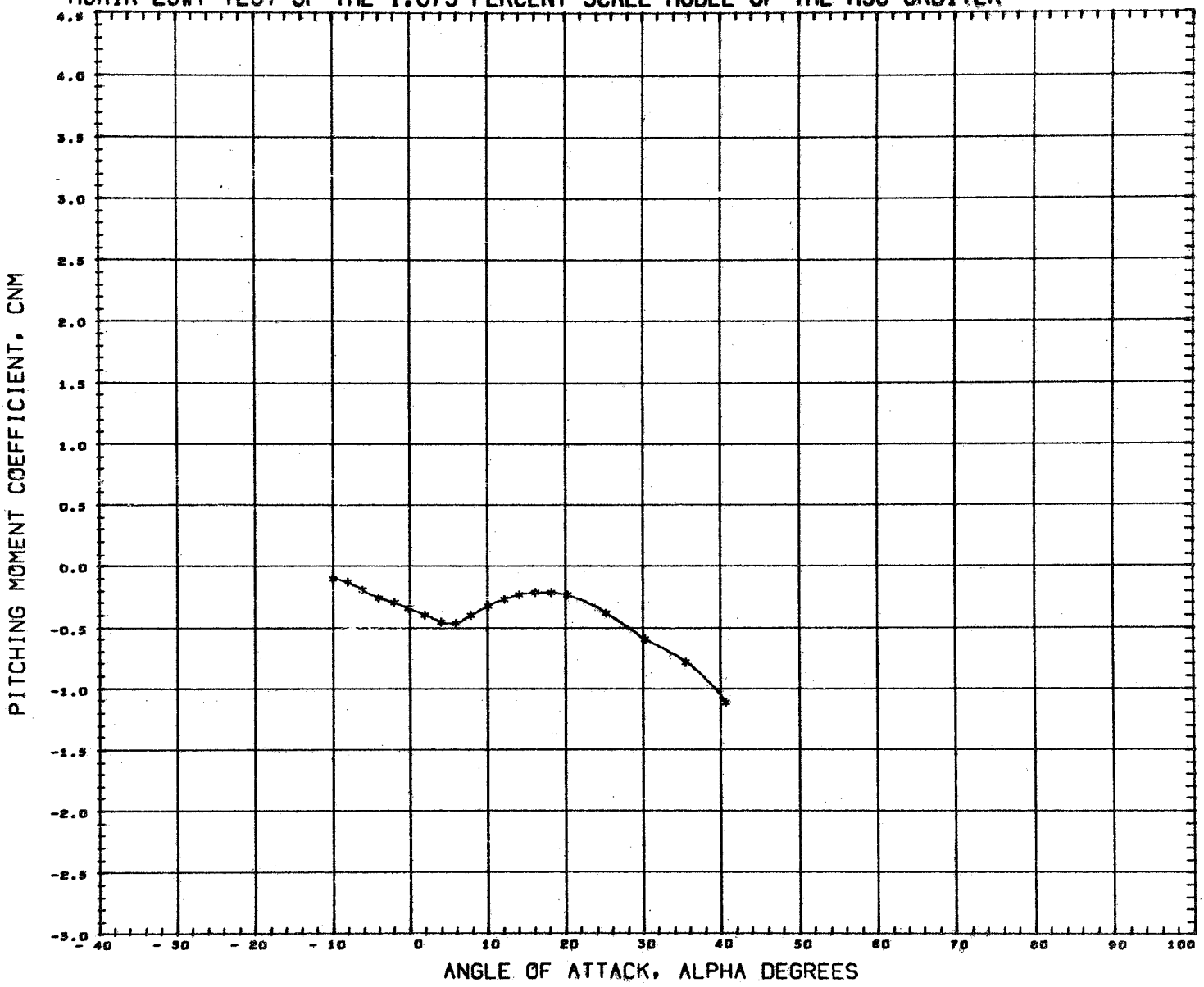
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



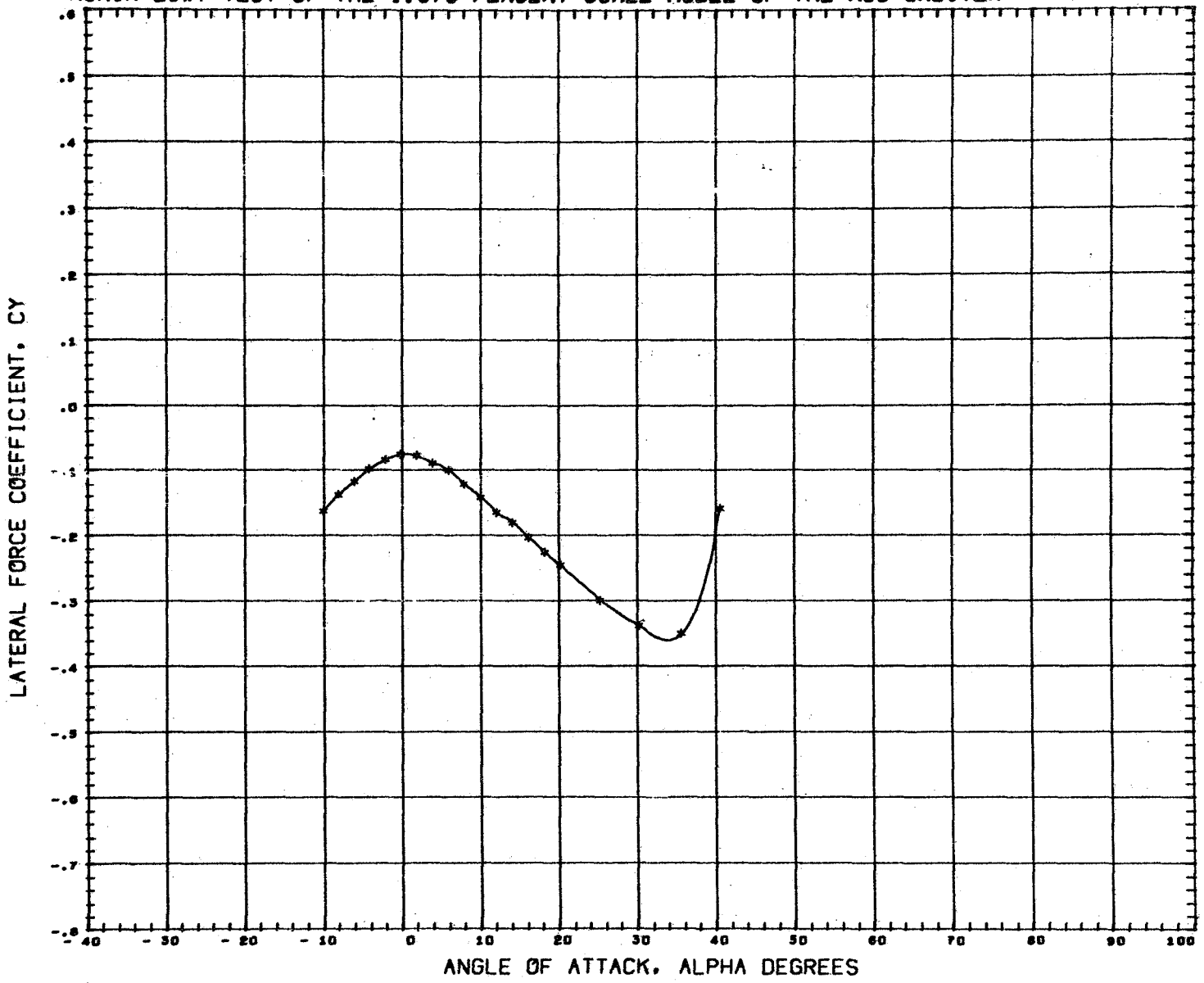
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



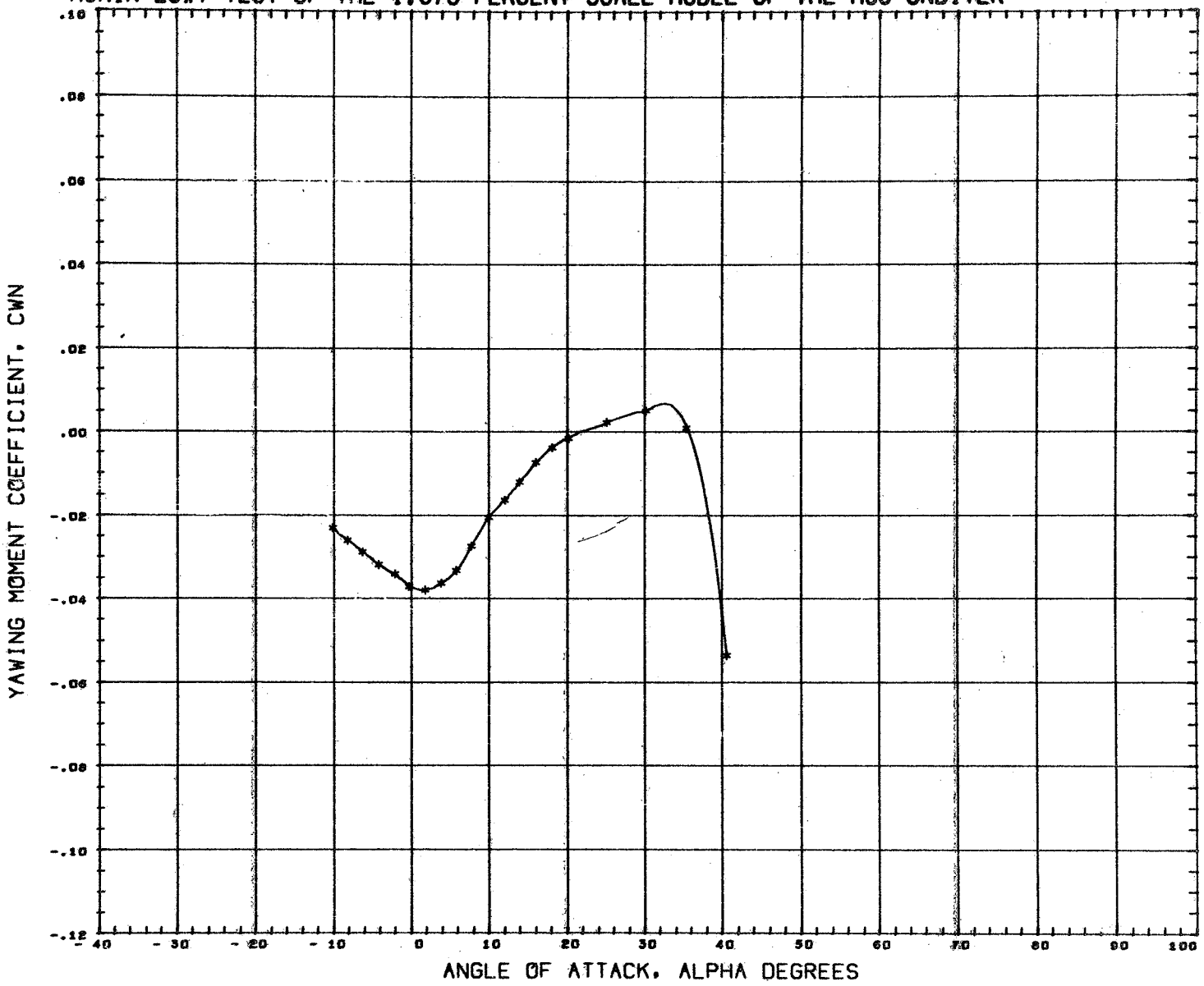
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20600×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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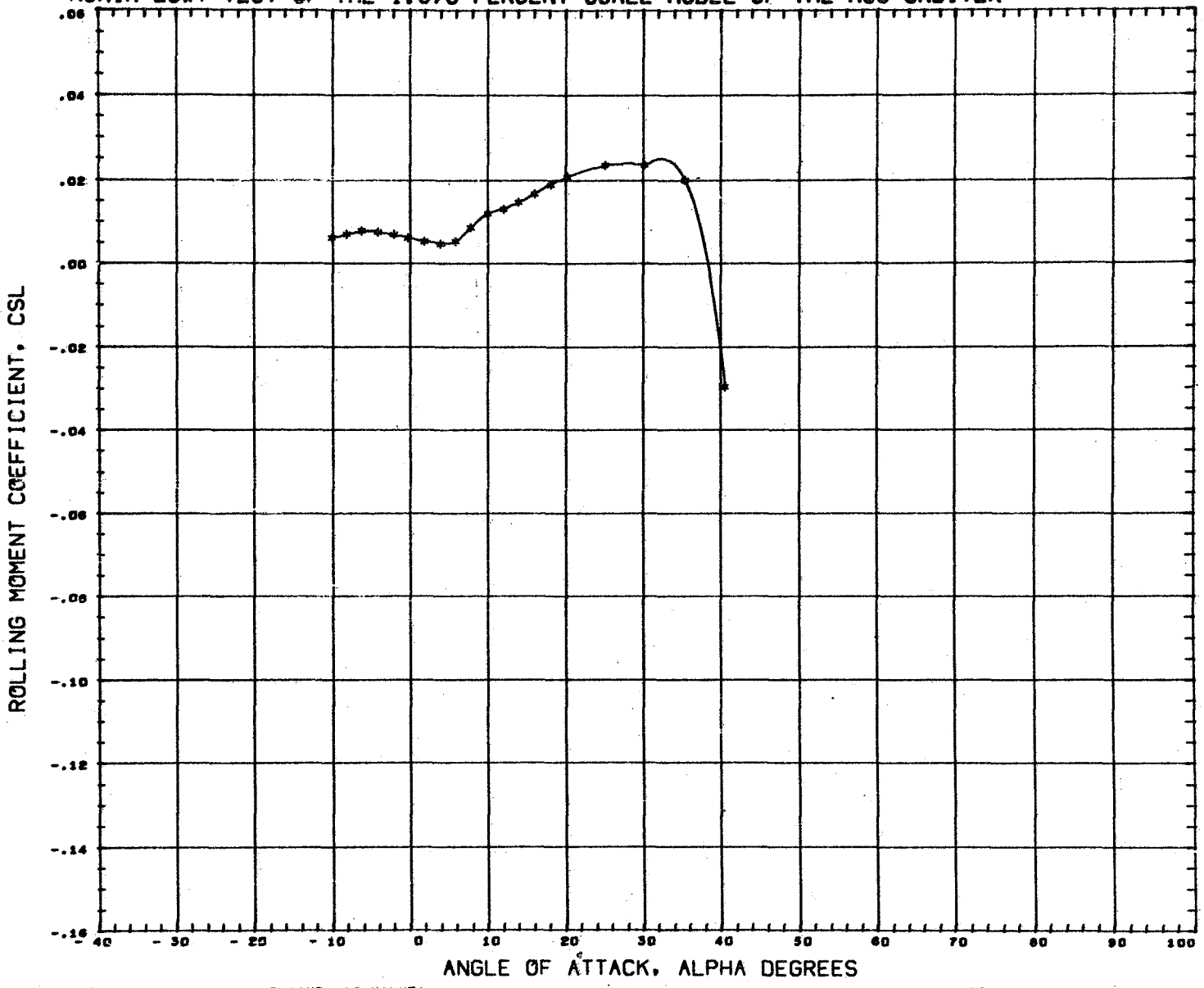
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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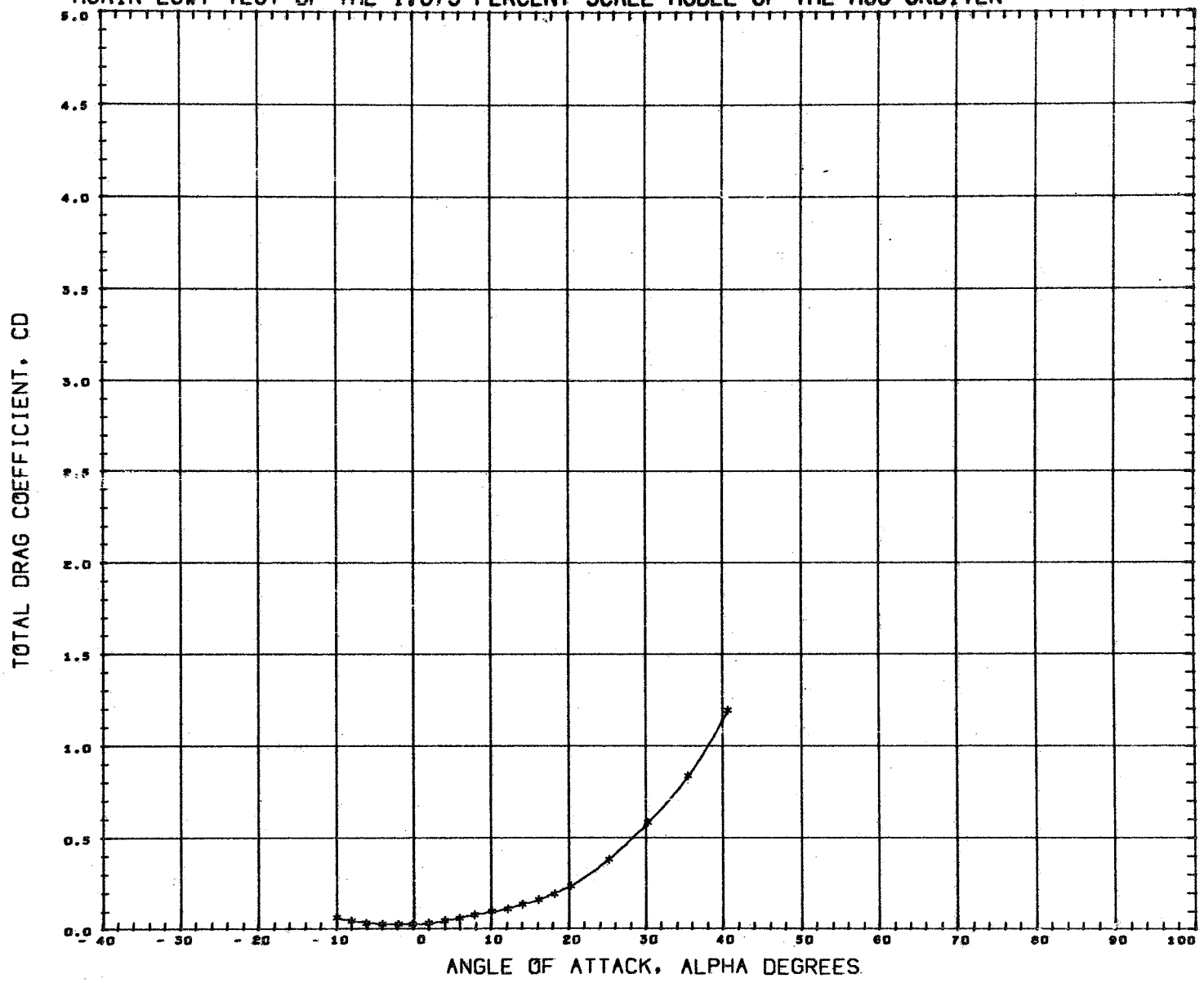
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



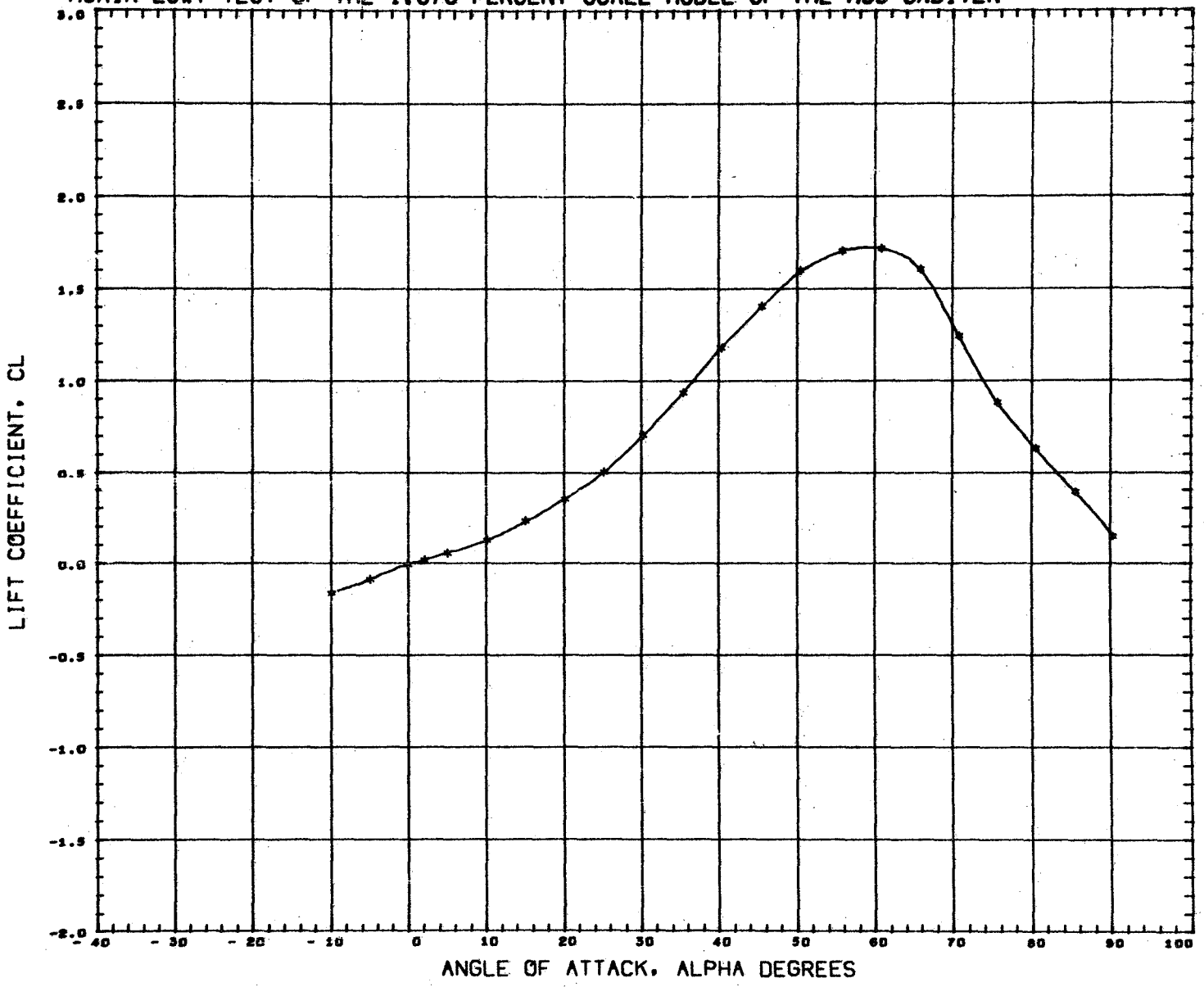
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	5.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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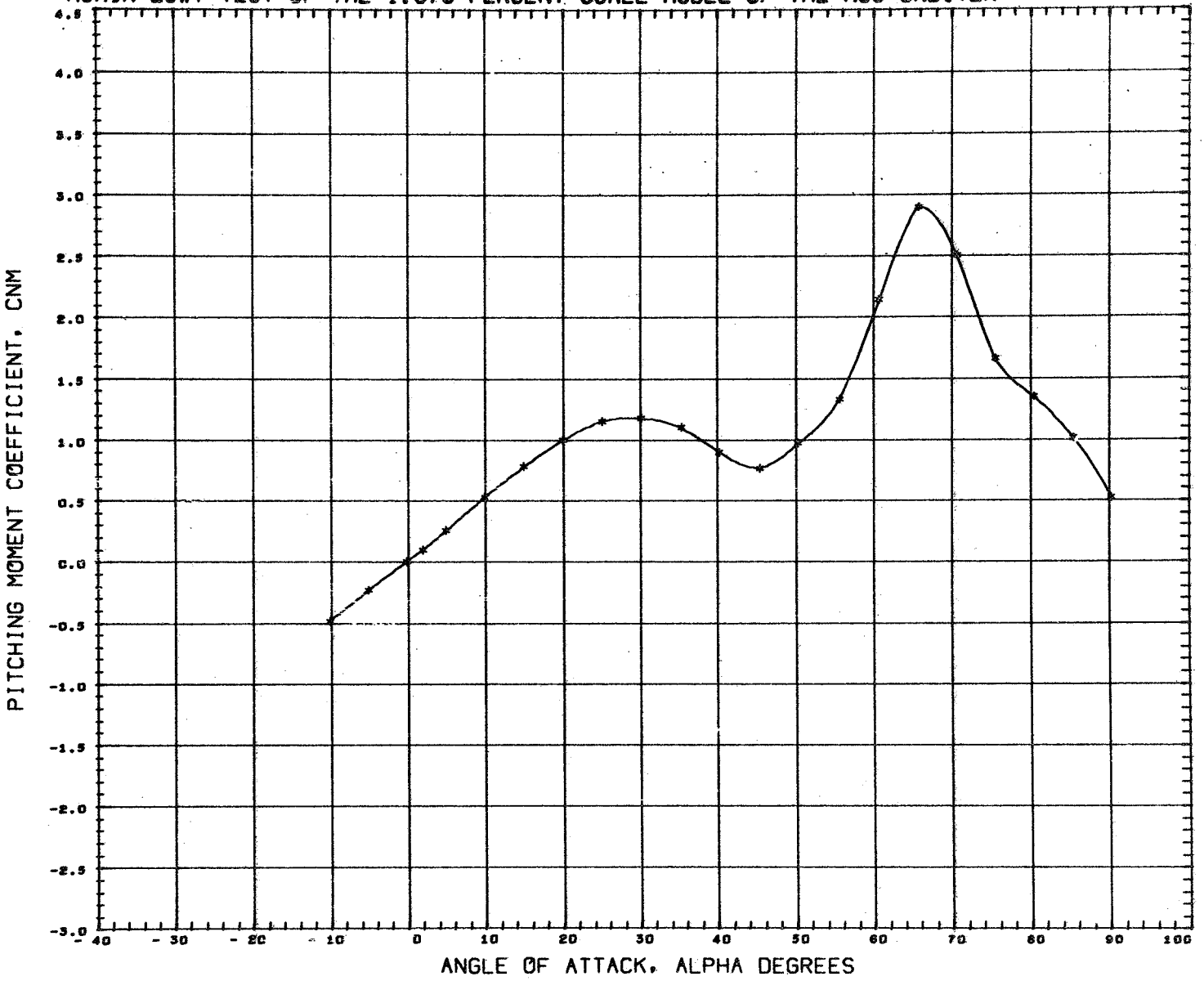
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.67500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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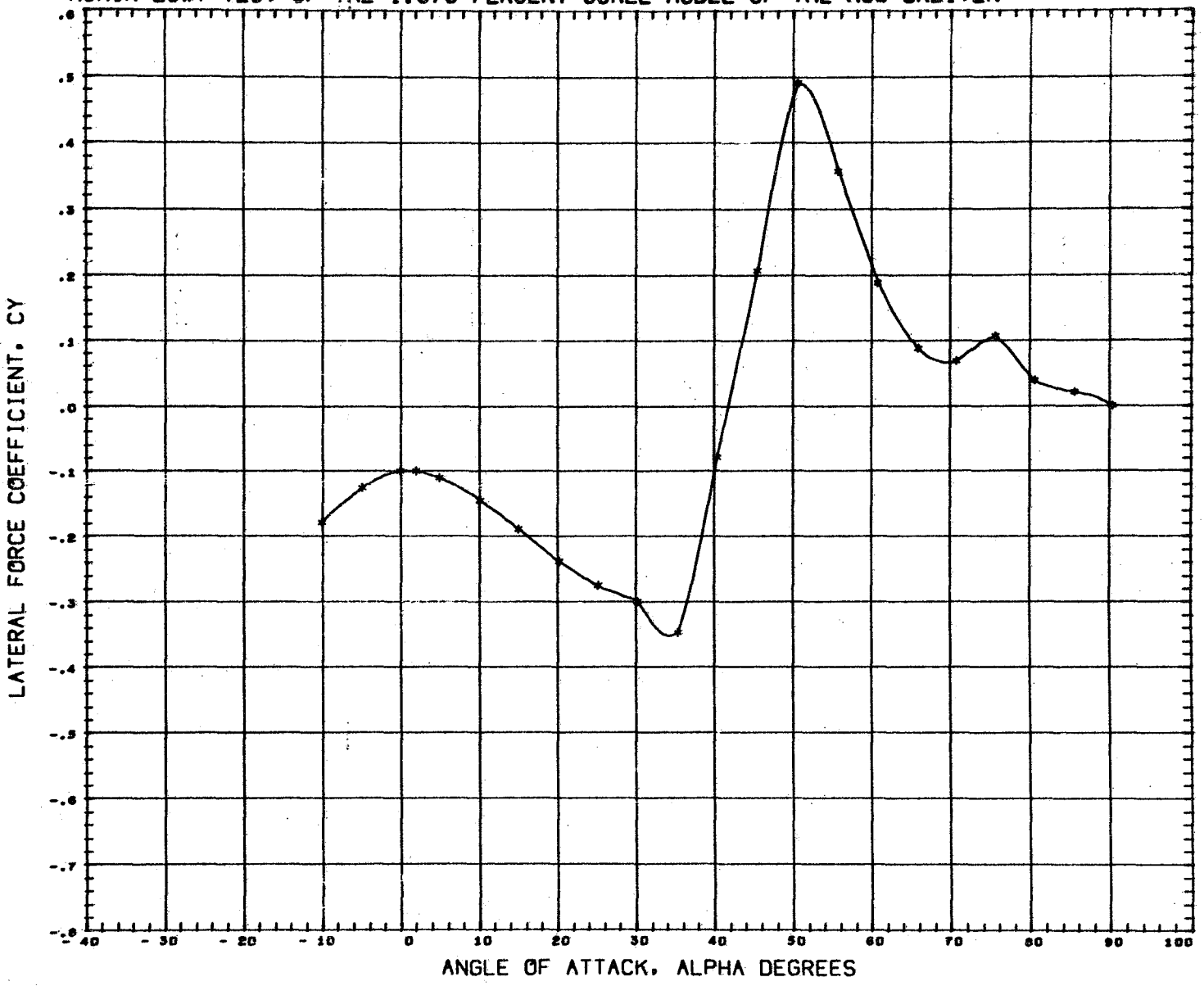
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100130

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

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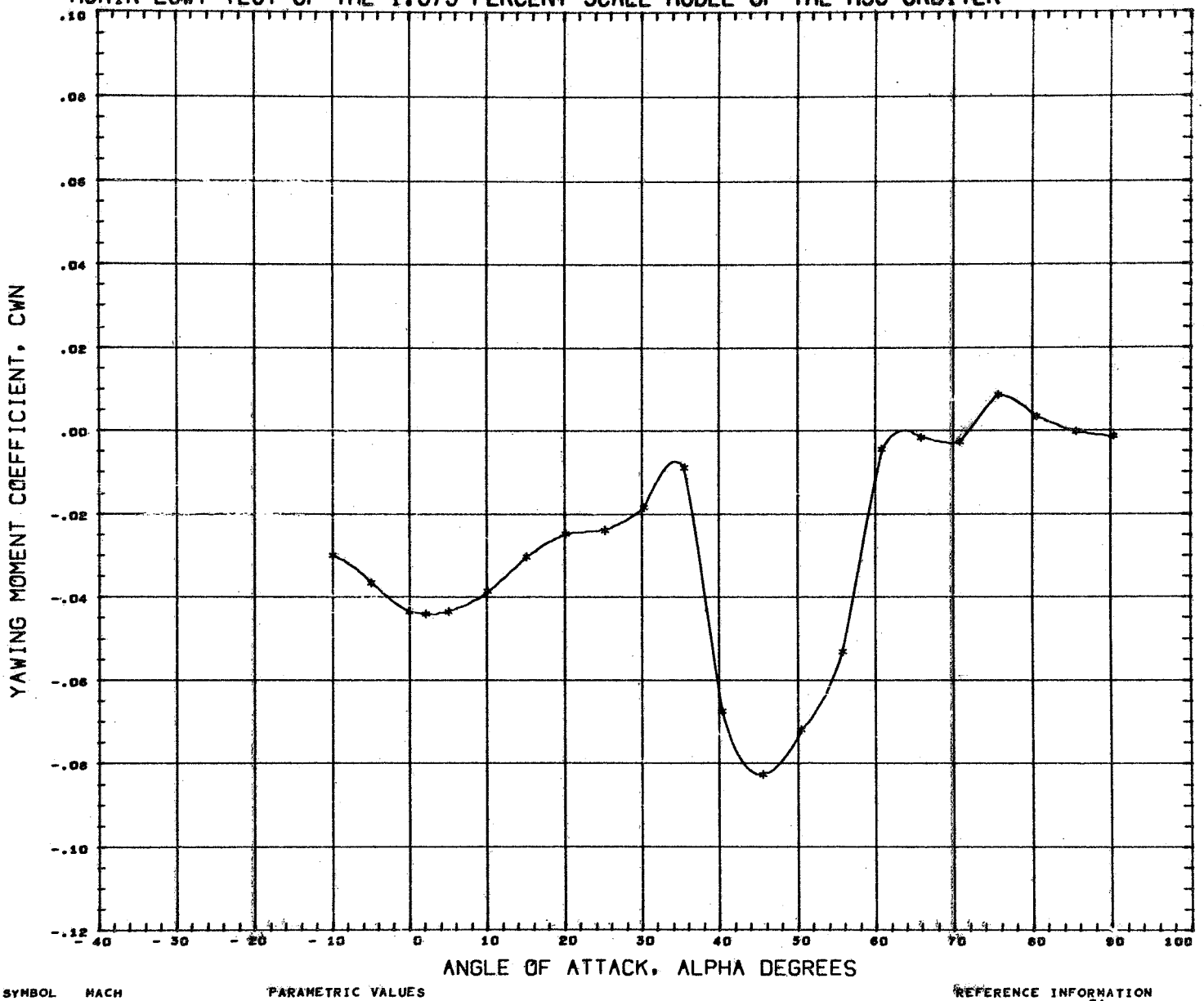
MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



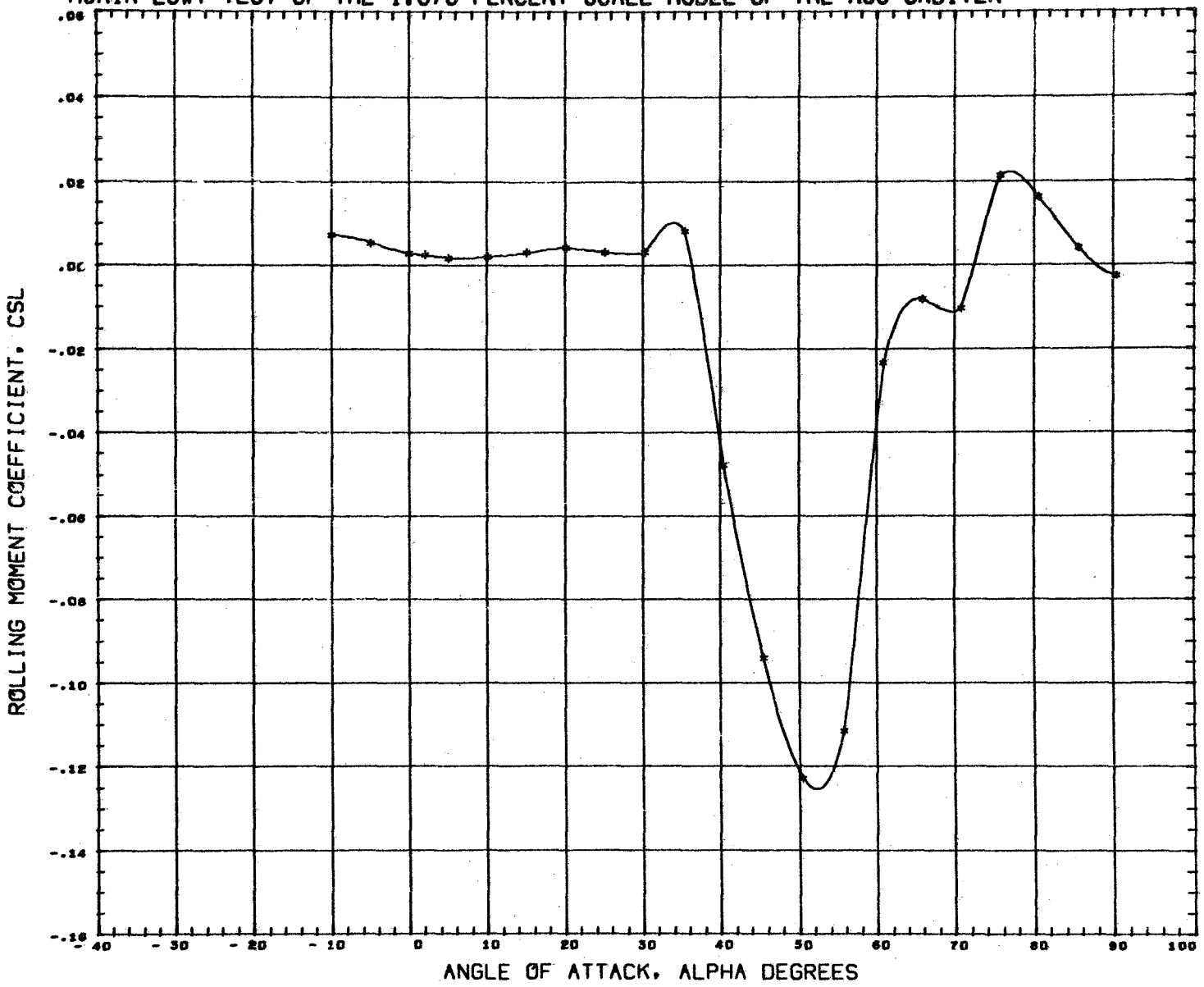
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20600×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



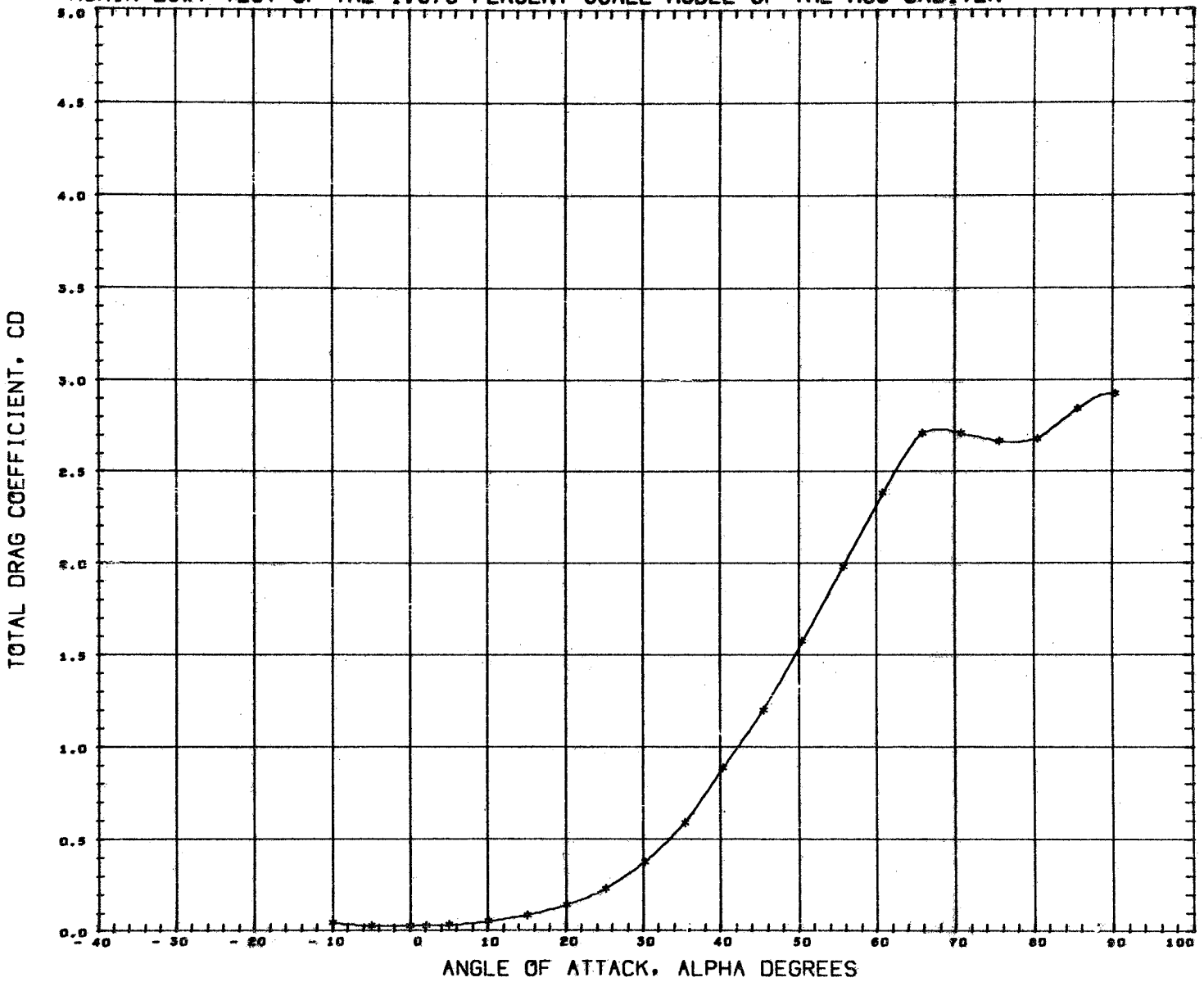
SYMBOL	MACH	PARAMETRIC VALUES			
●	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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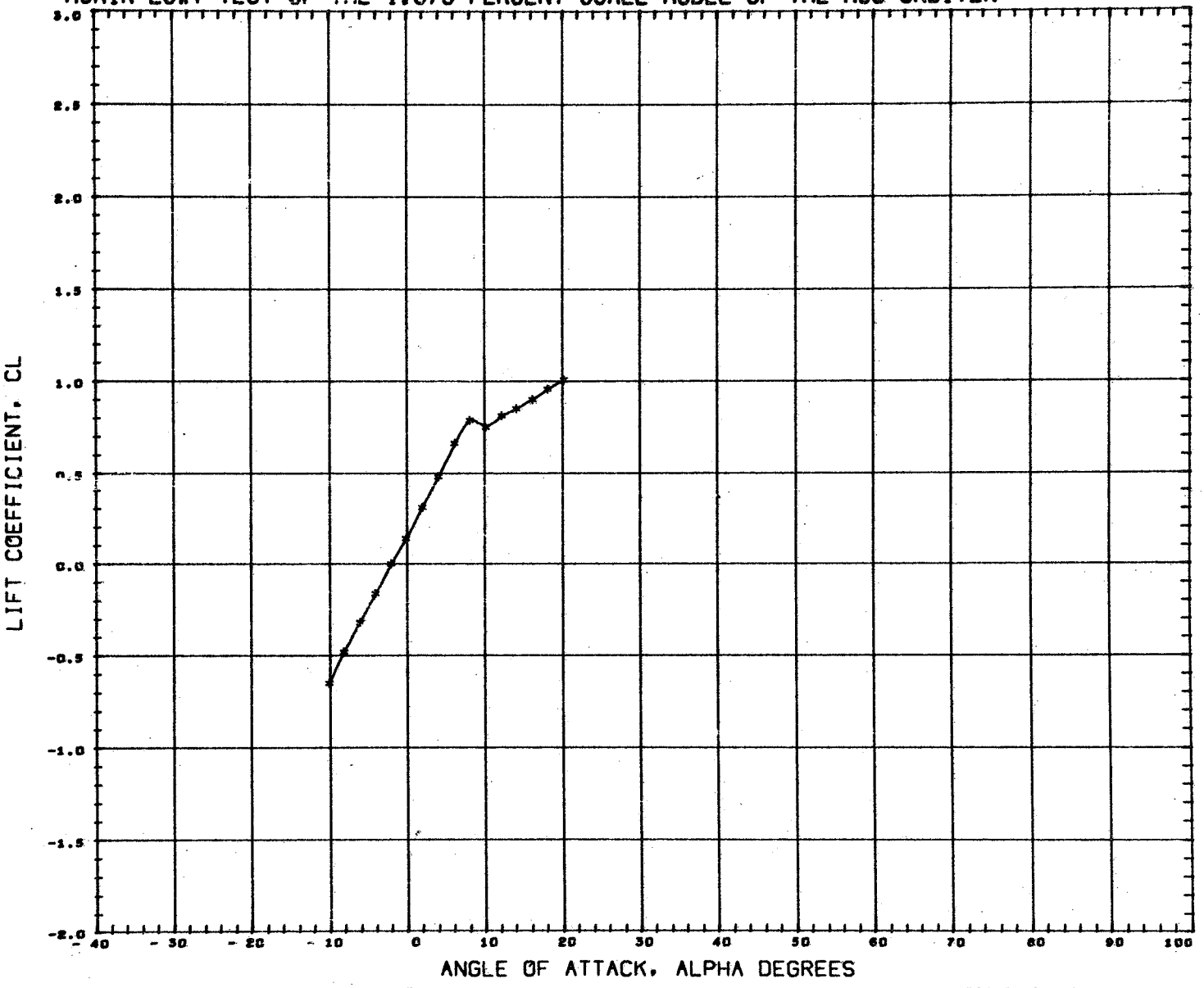
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE $DY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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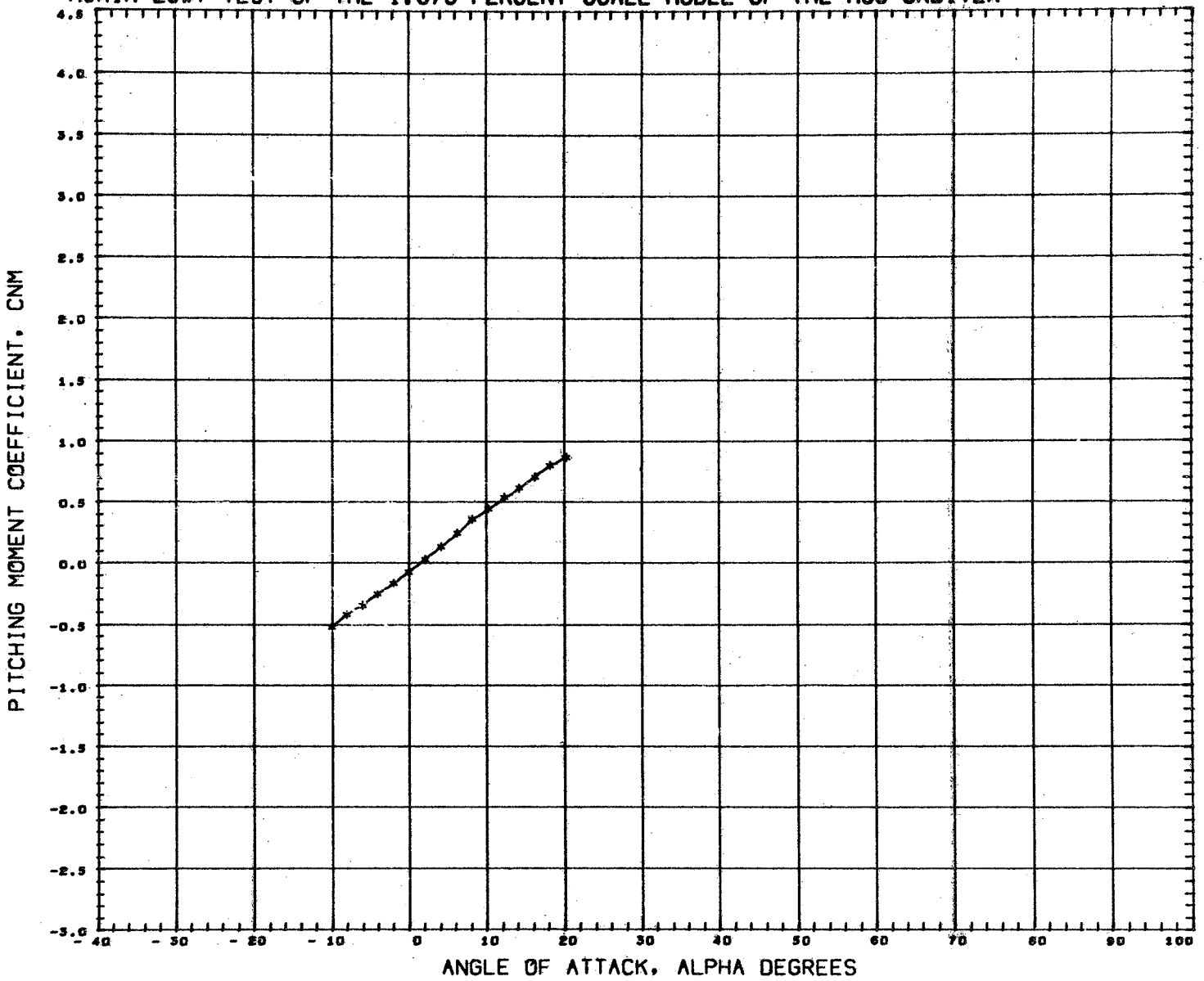
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH		PARAMETRIC VALUES		
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		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

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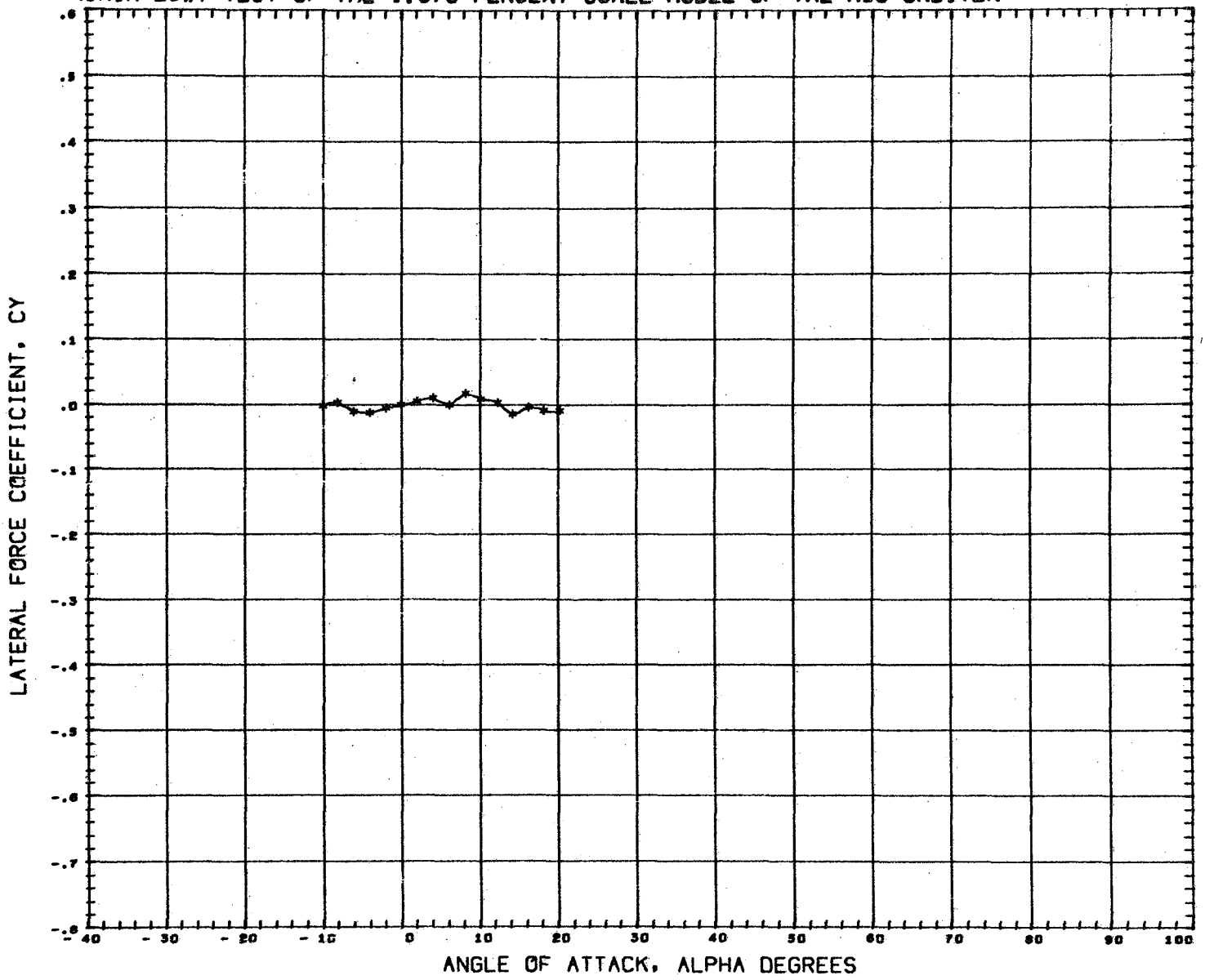
MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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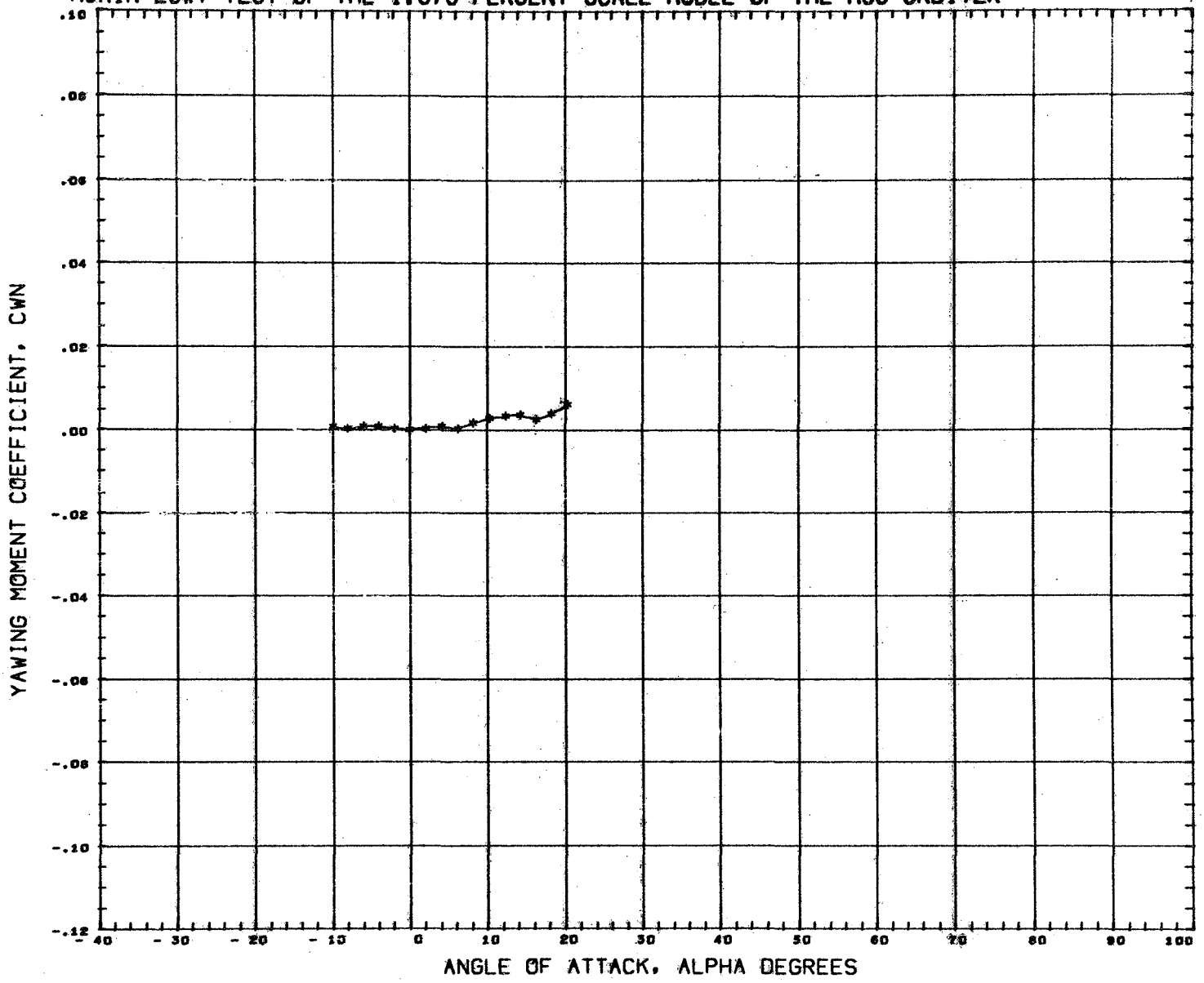
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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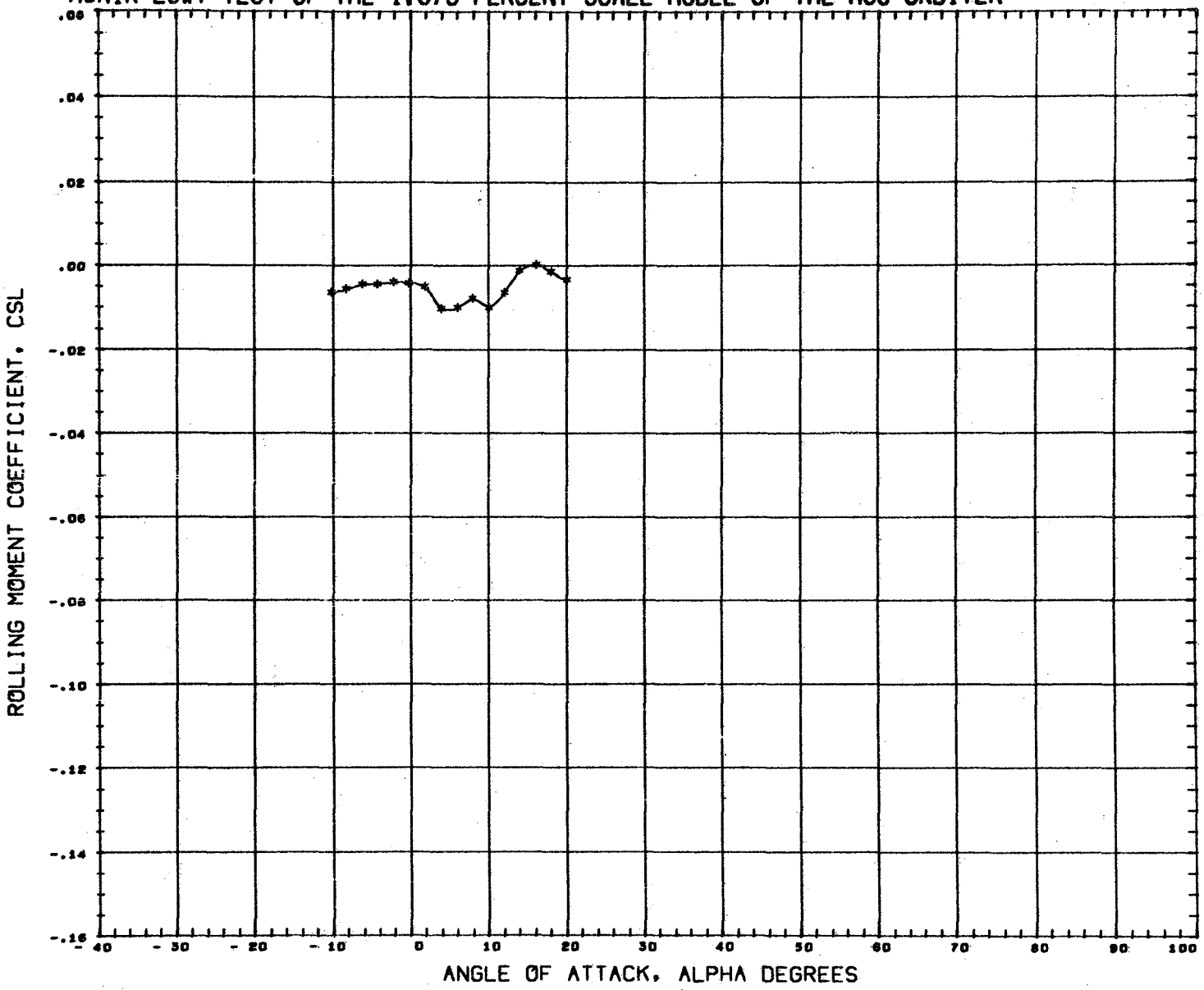
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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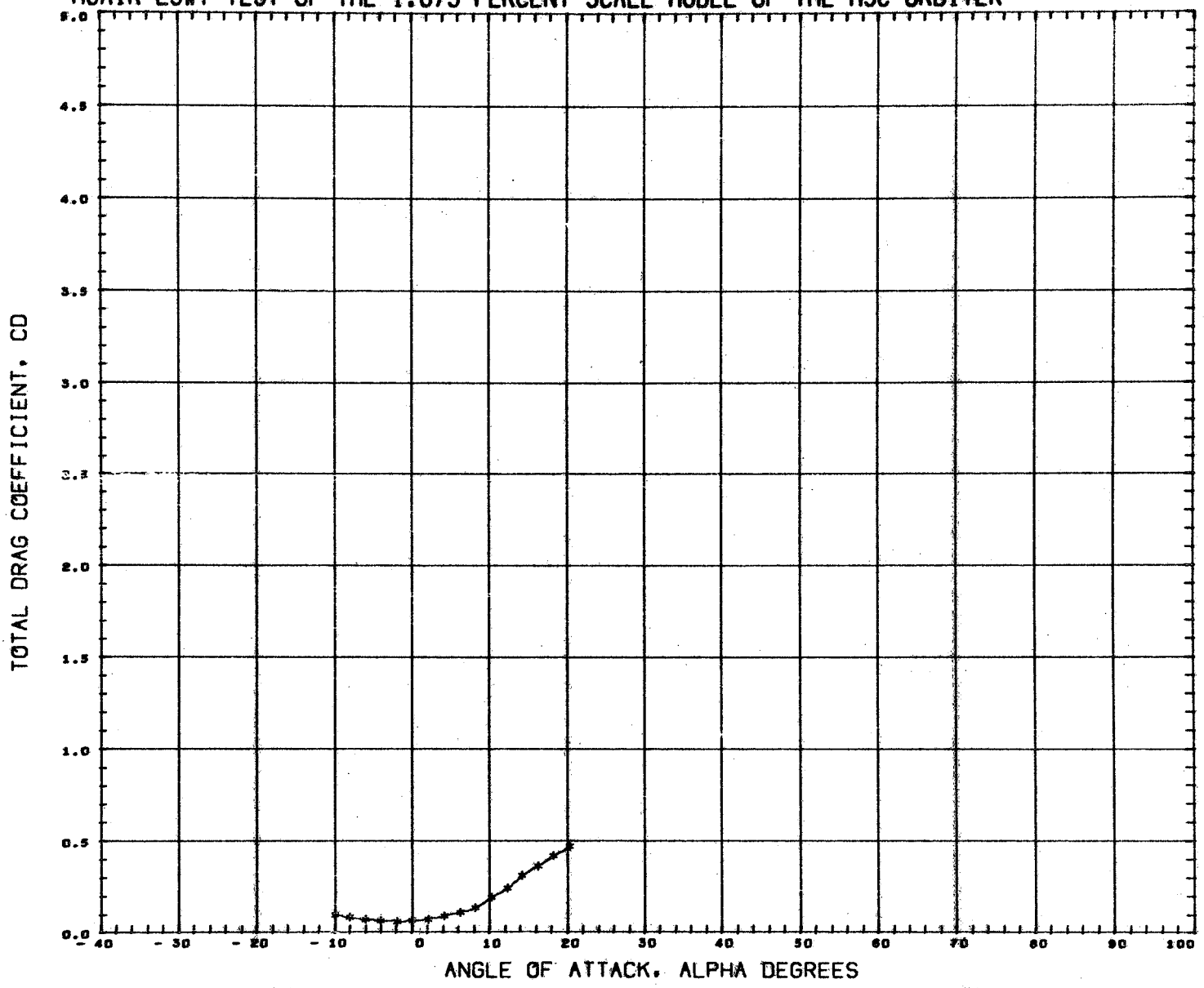
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
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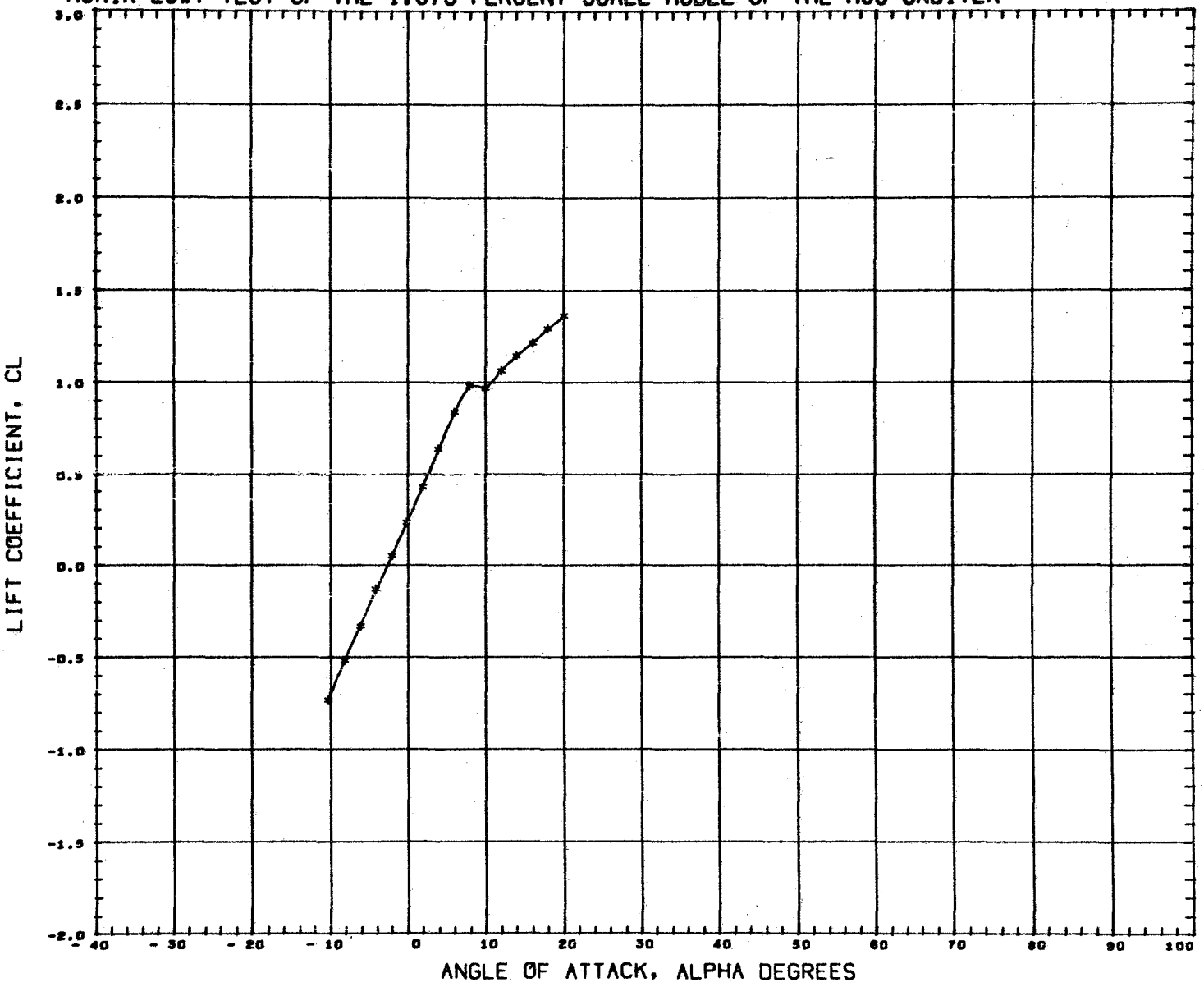
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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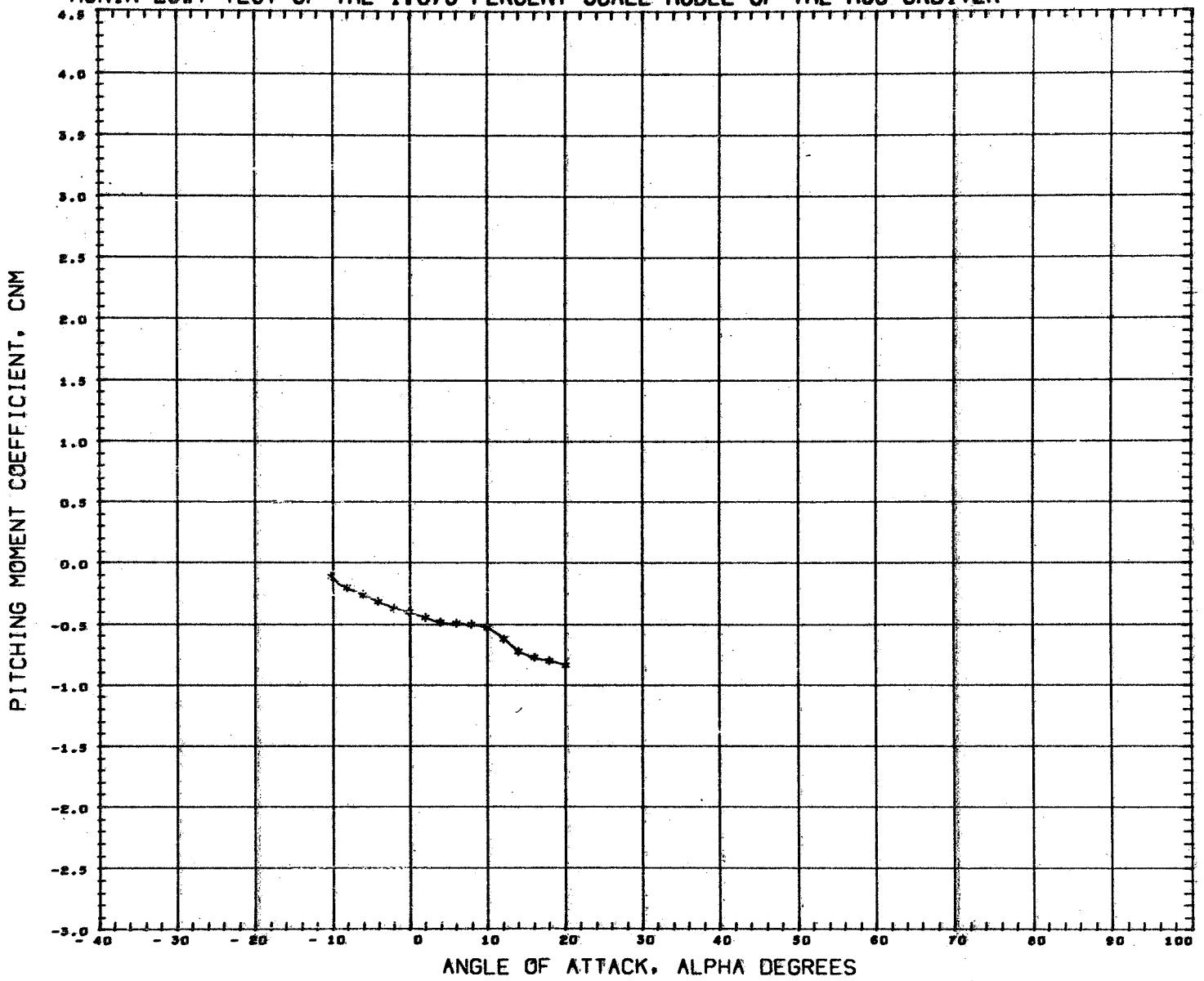
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH		PARAMETRIC VALUES		
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		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
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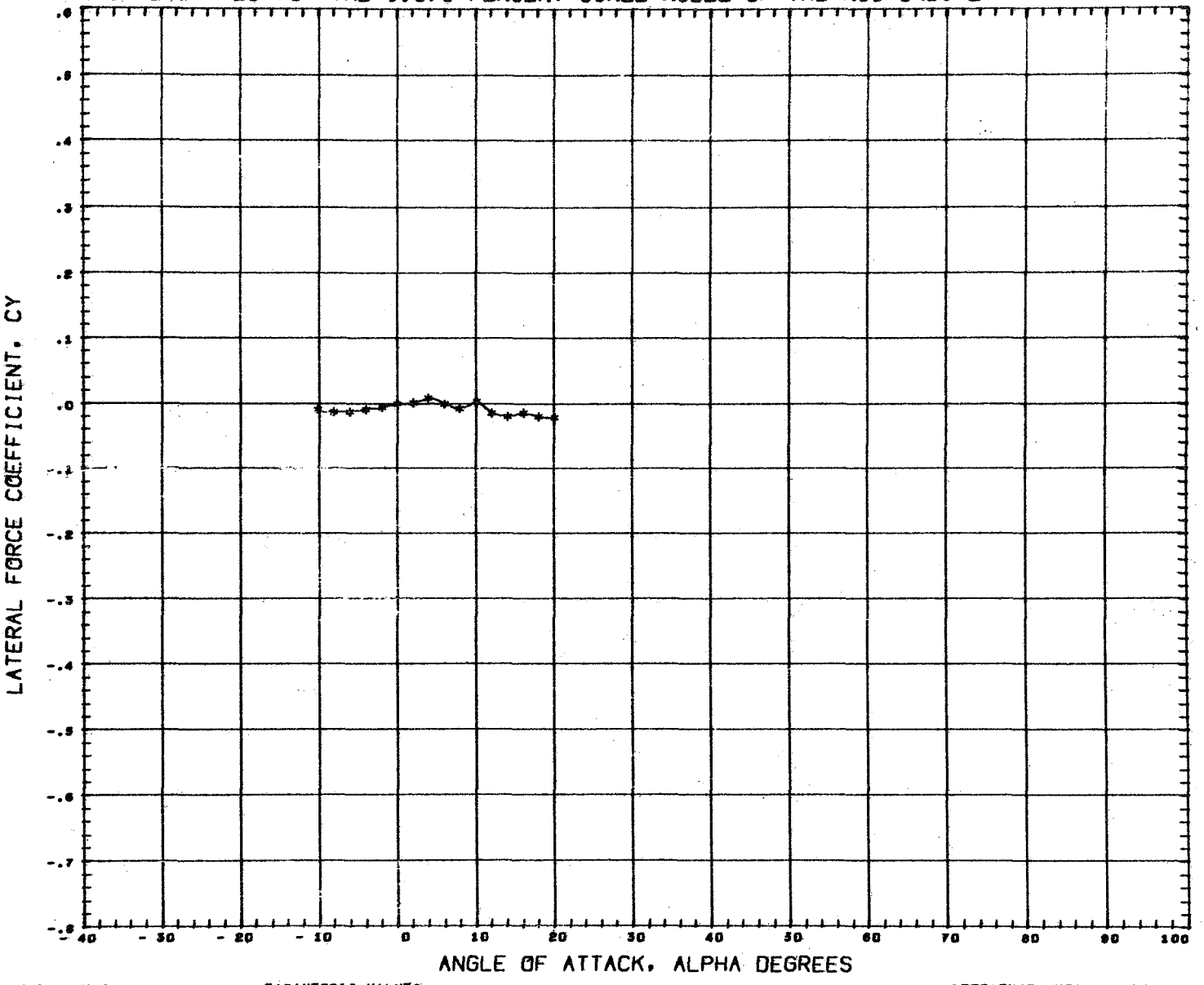
XMRP	$1.383.0 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.67500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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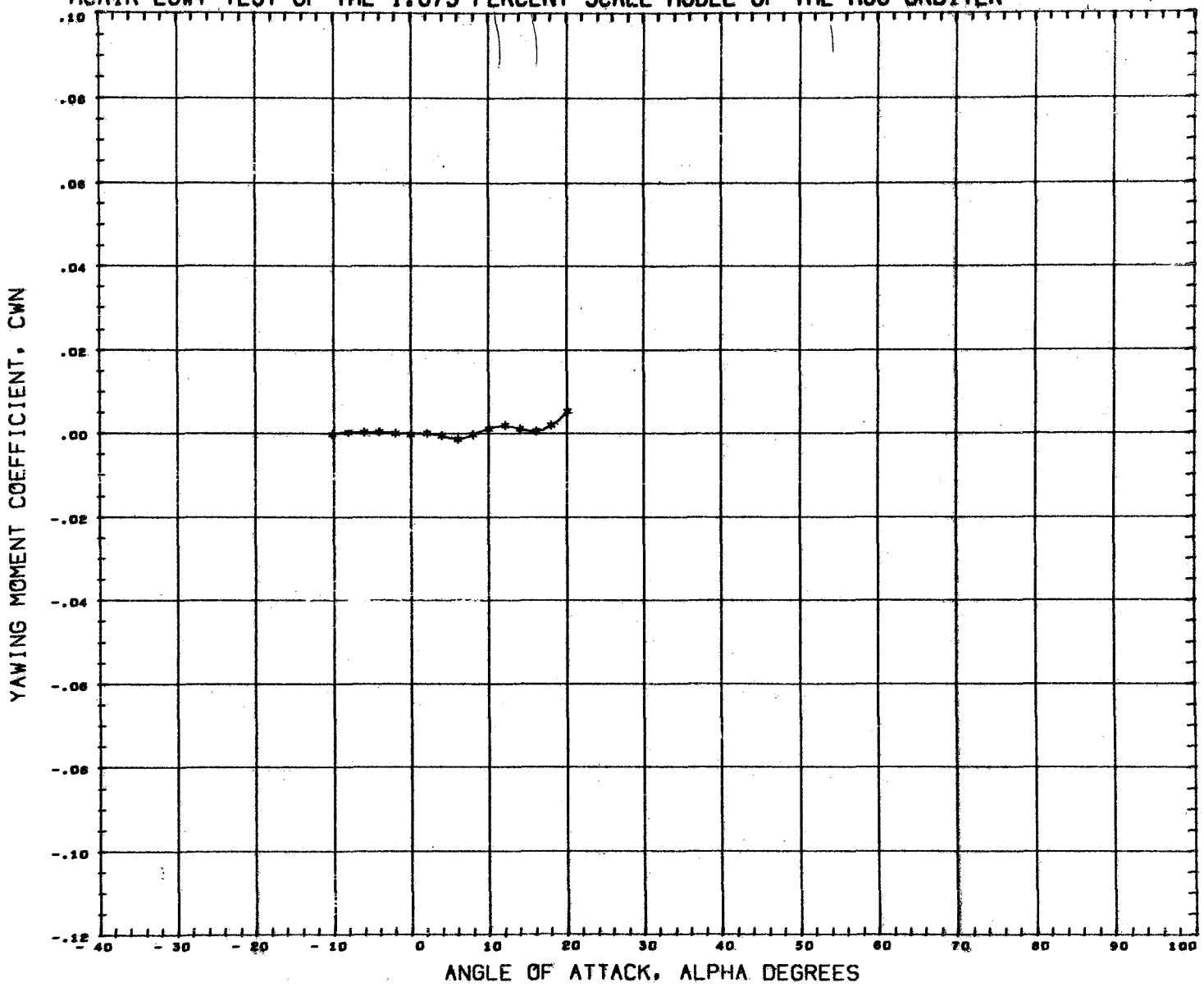
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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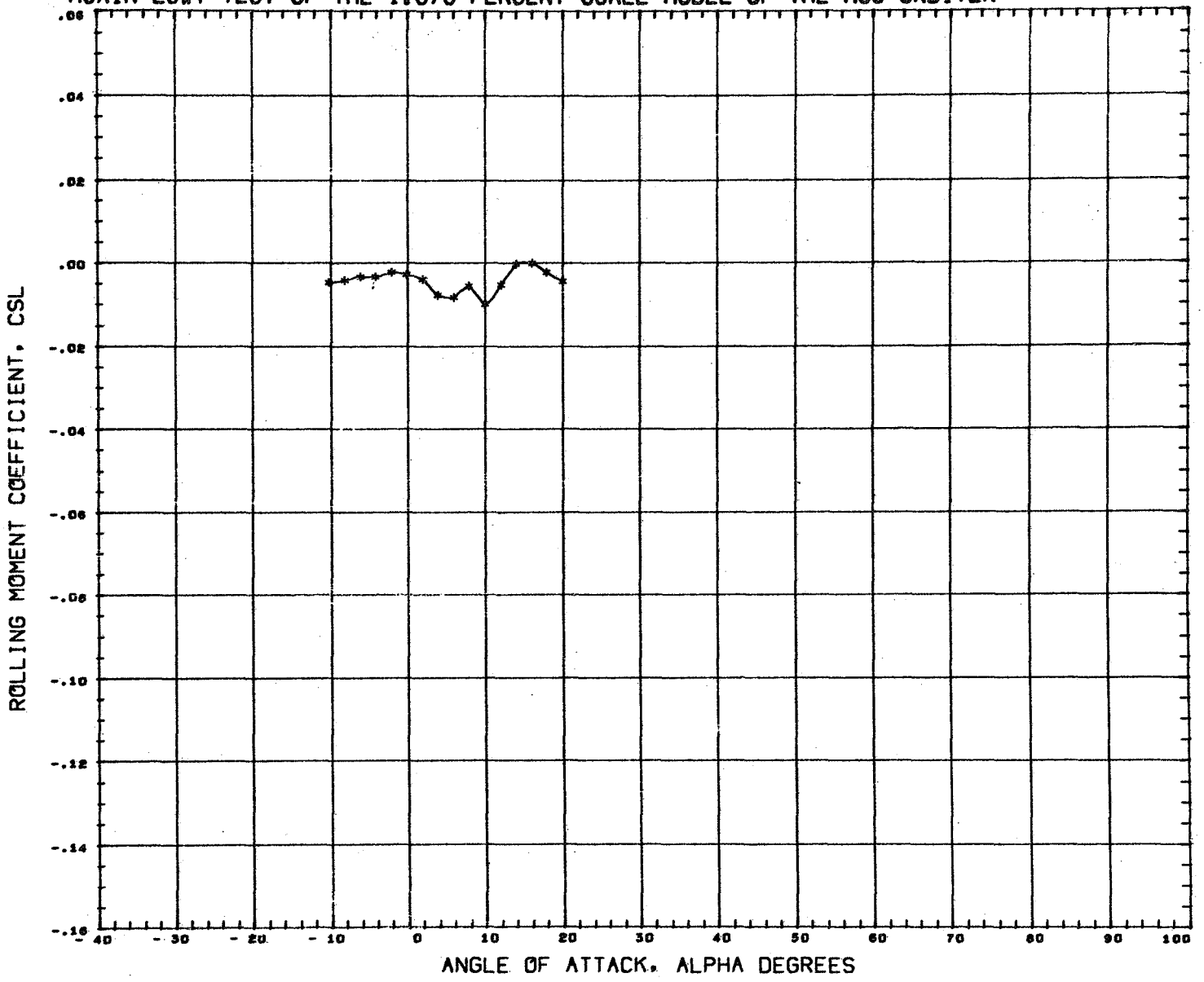
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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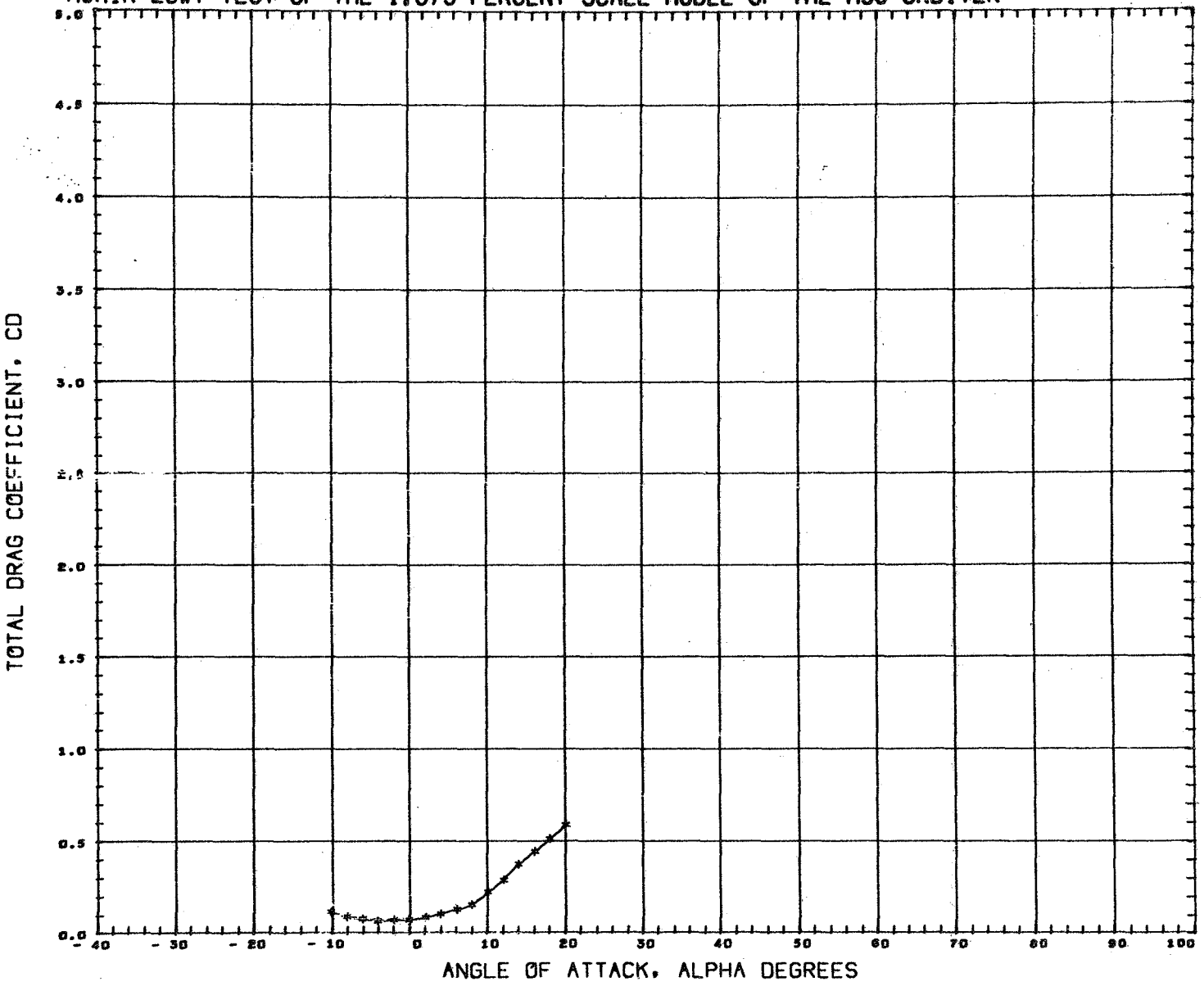
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
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REFB	$1.50000 \times 10^{+00}$	FT.
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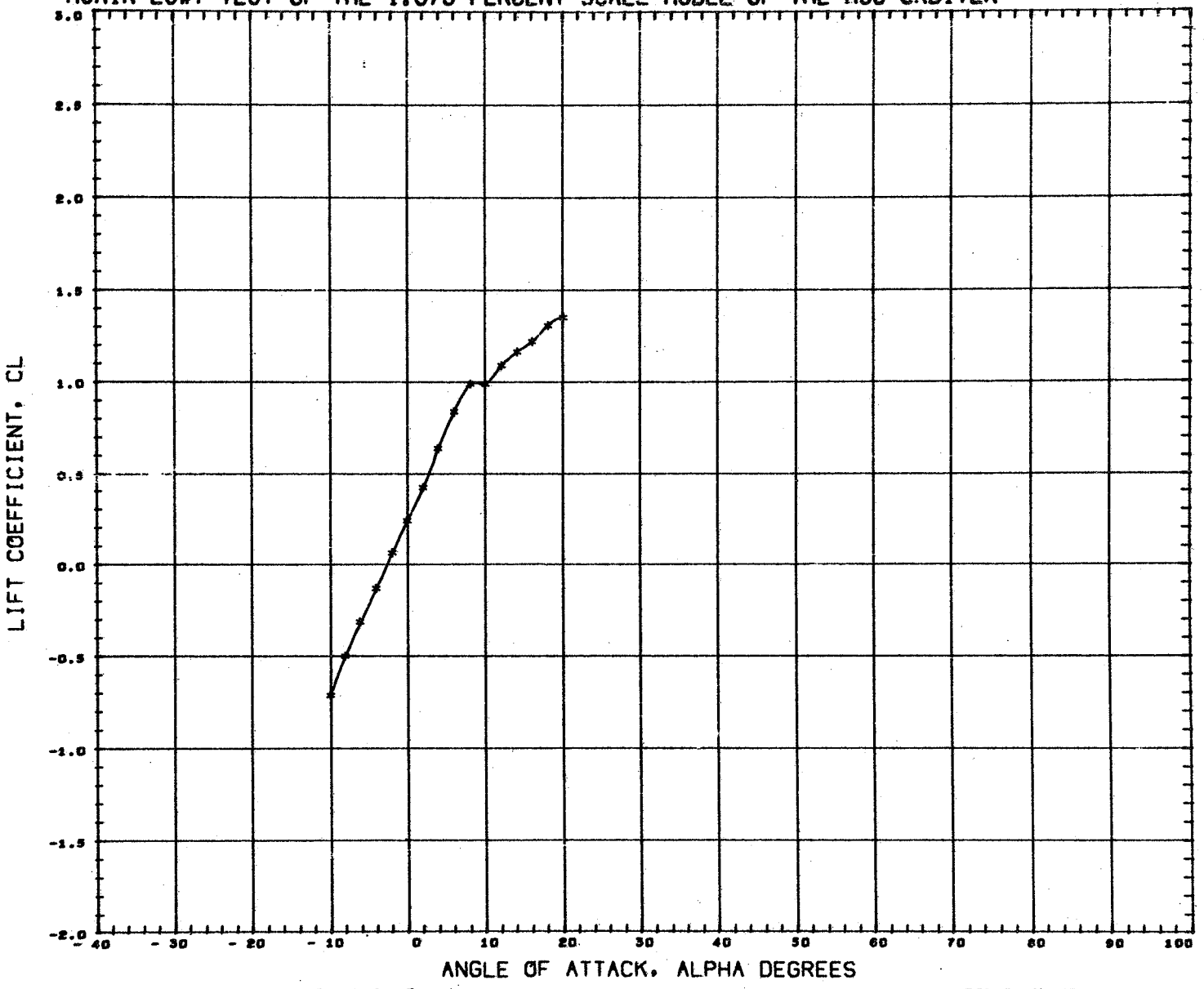
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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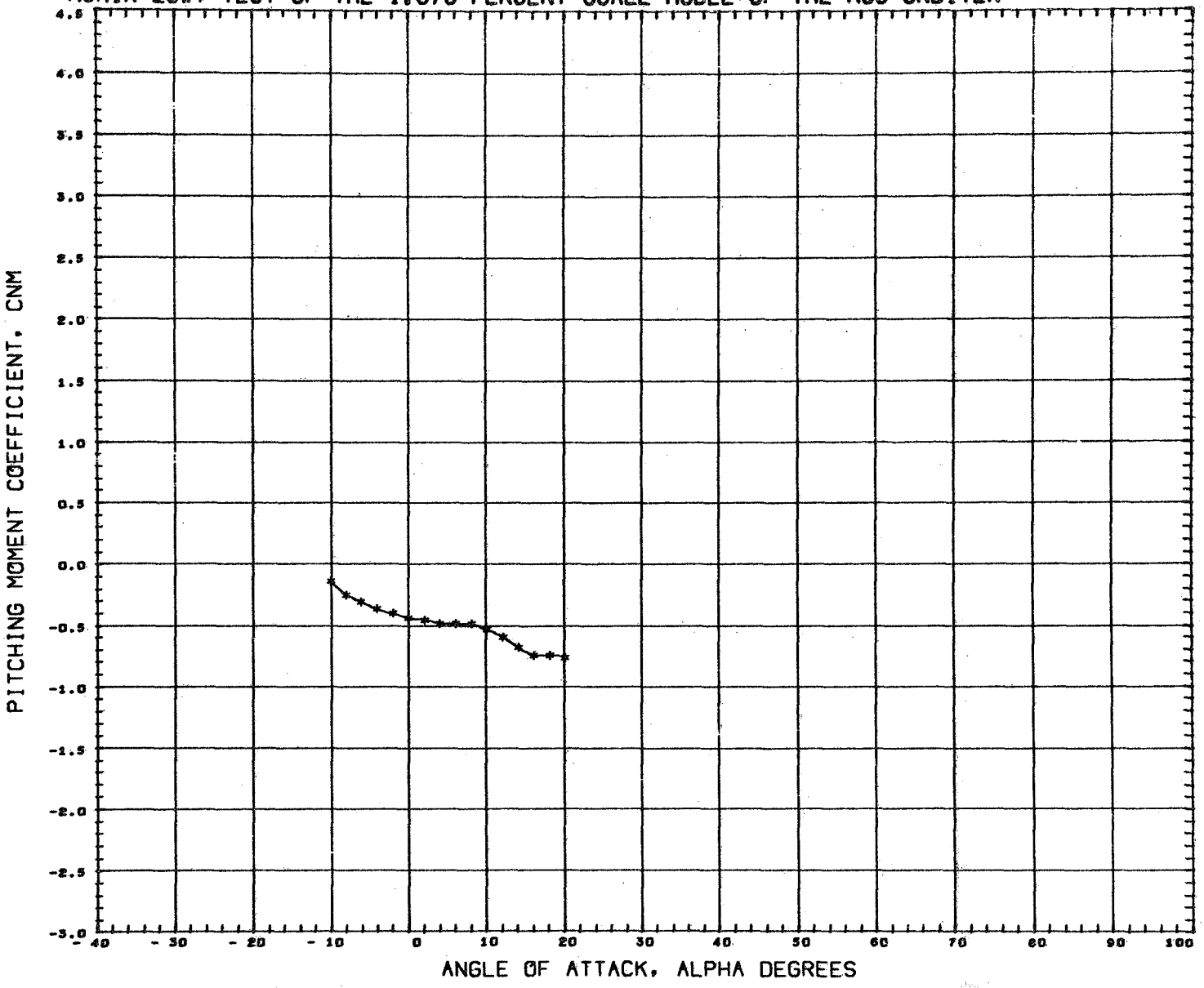
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.97500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
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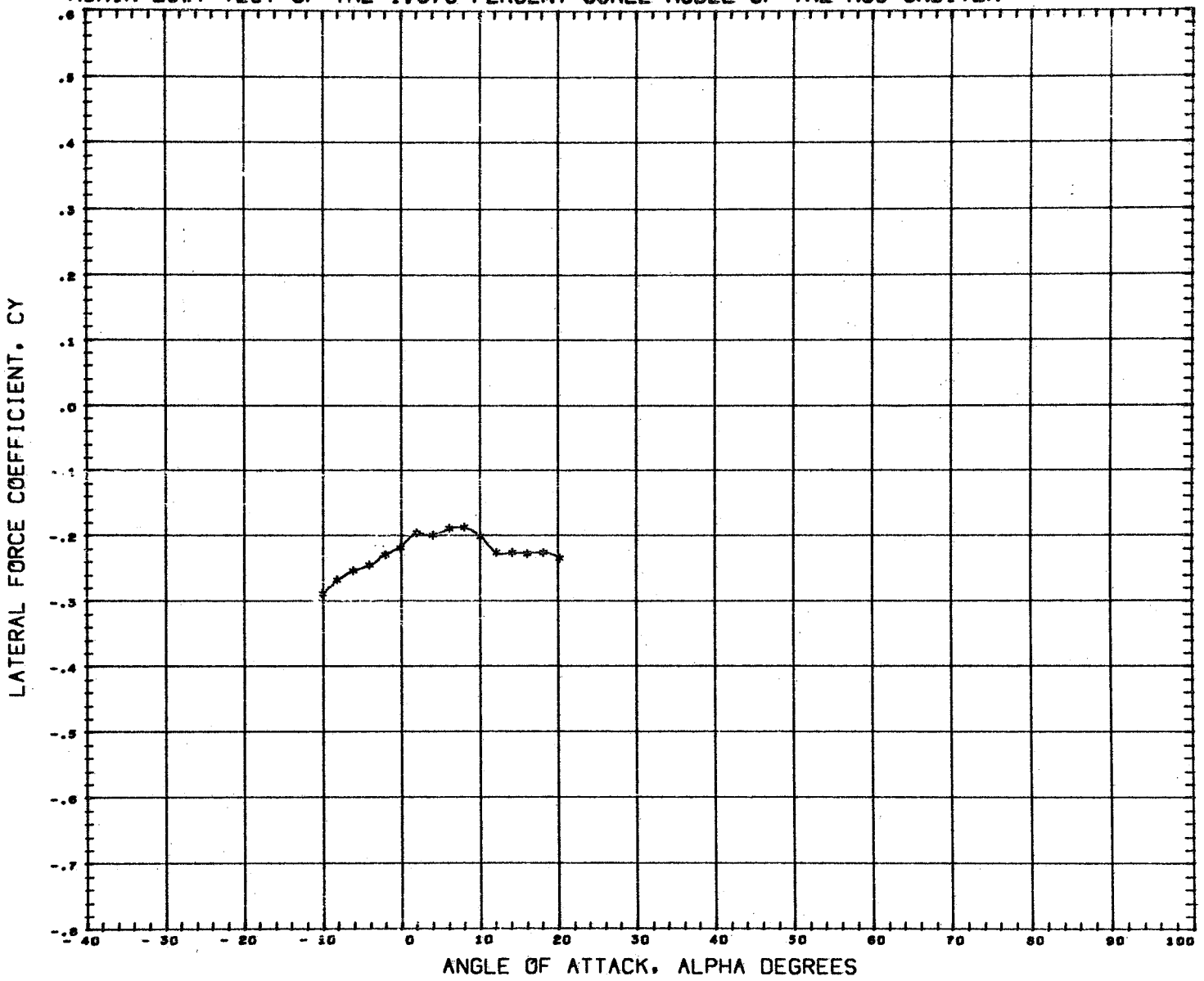
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
●	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

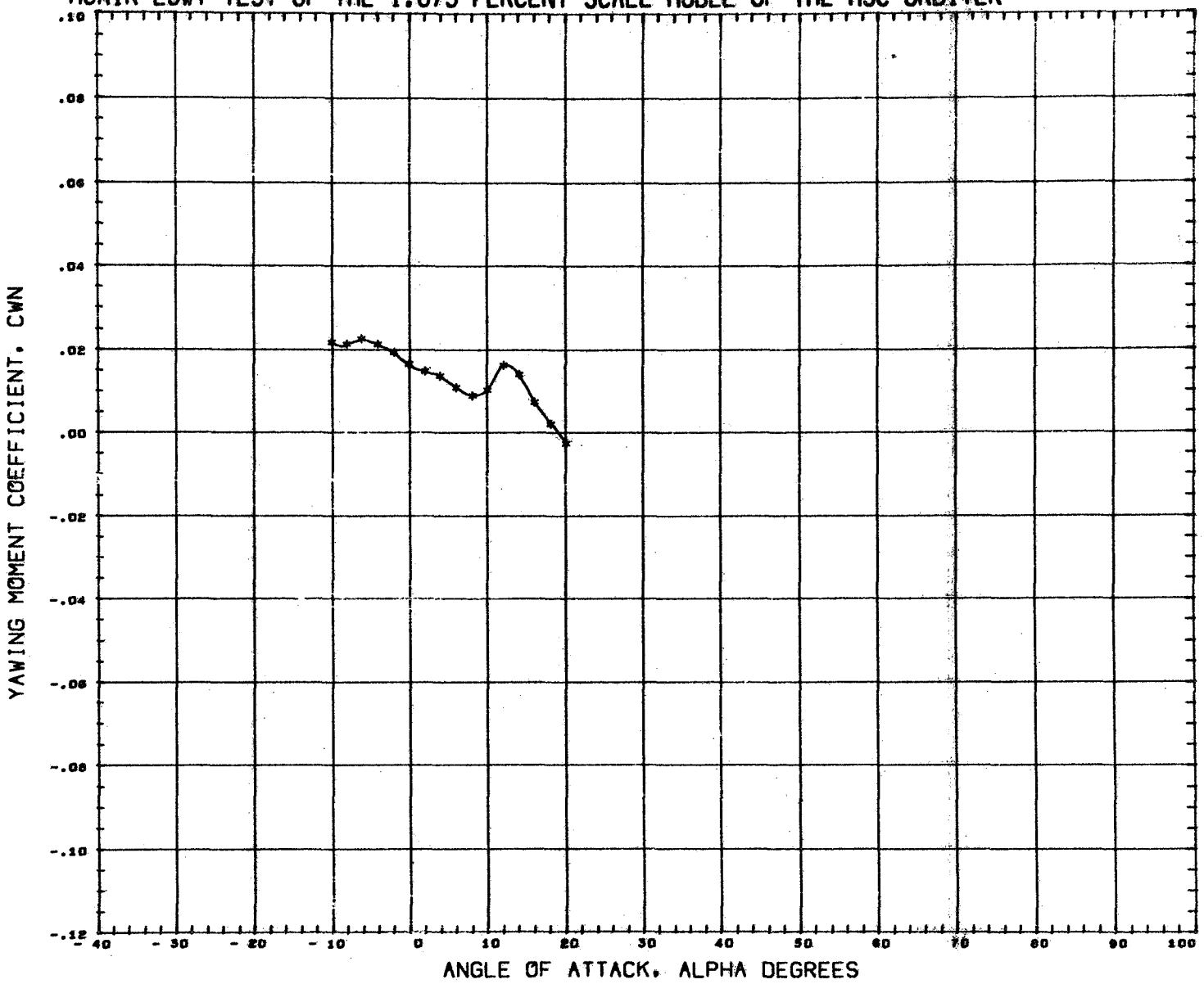
REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

LSWT 223 1.875 PC MOD S5 ORB. B1H1513S1V3W1 (RC1082) 28 JUL 70 PAGE 319

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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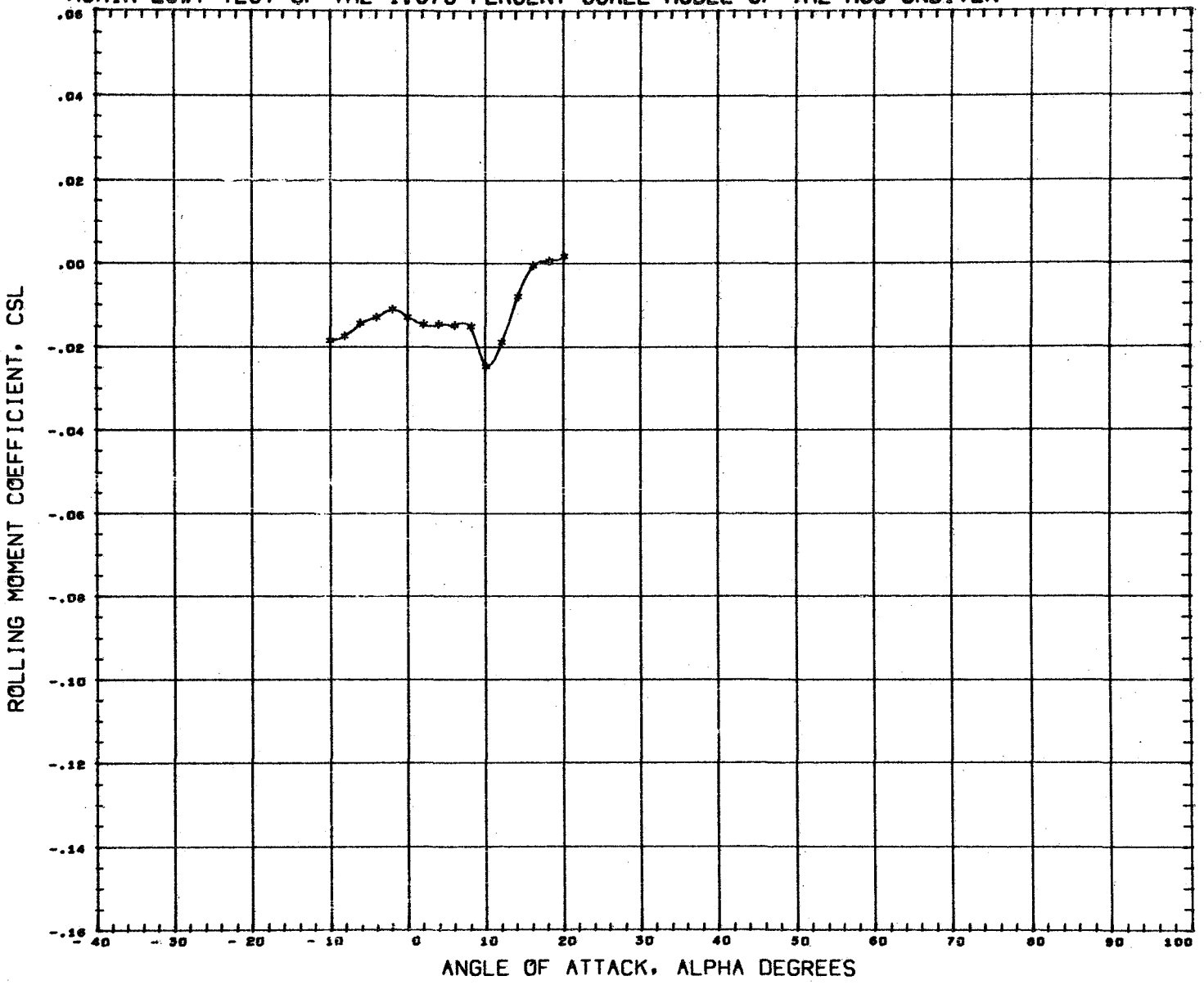
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



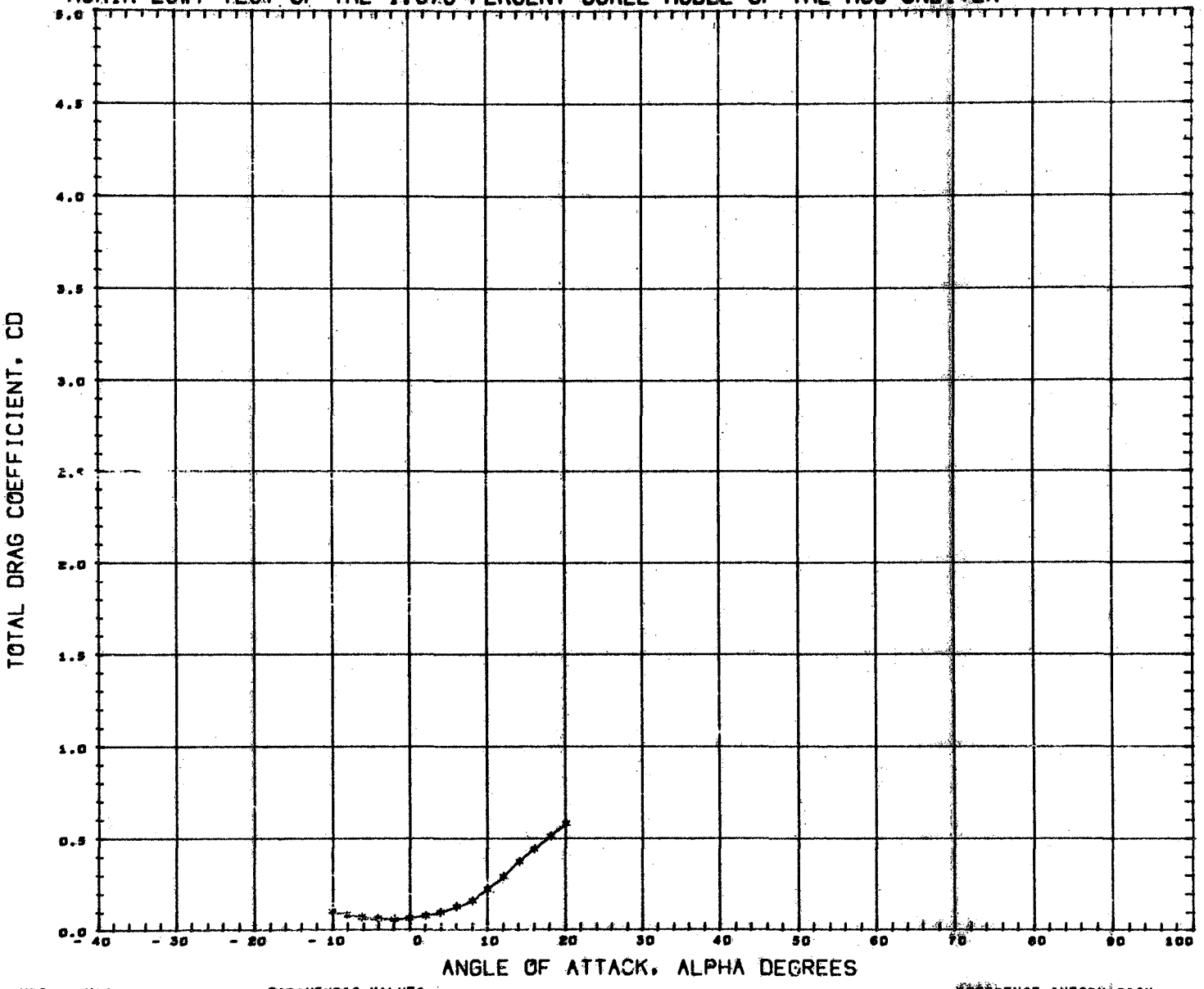
SYMBOL	MACH		PARAMETRIC VALUES		
●	0.170	BETA	5.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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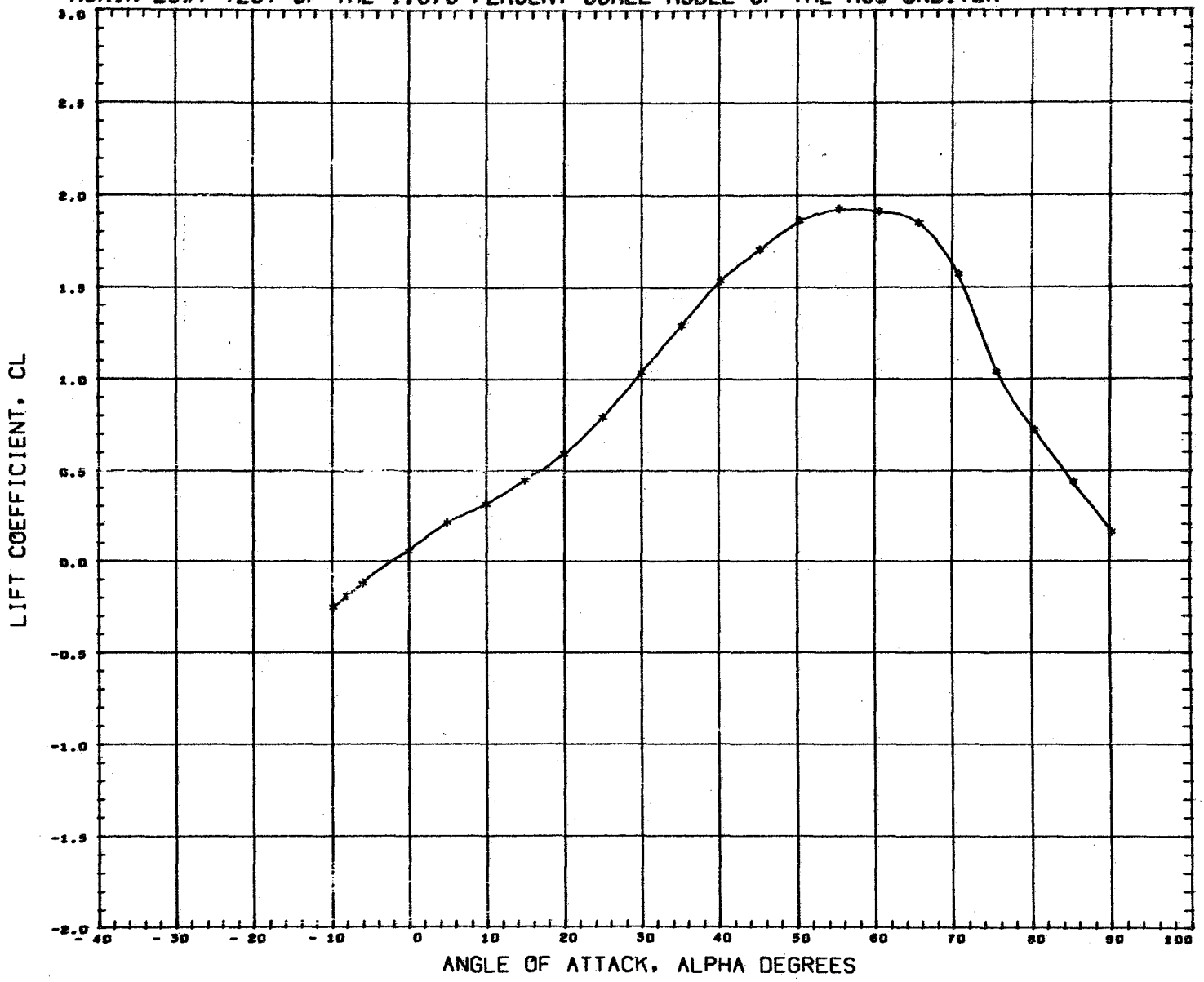
		ELEVTR	0.000	PHI	0.000
		WINGL	12.211		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.36370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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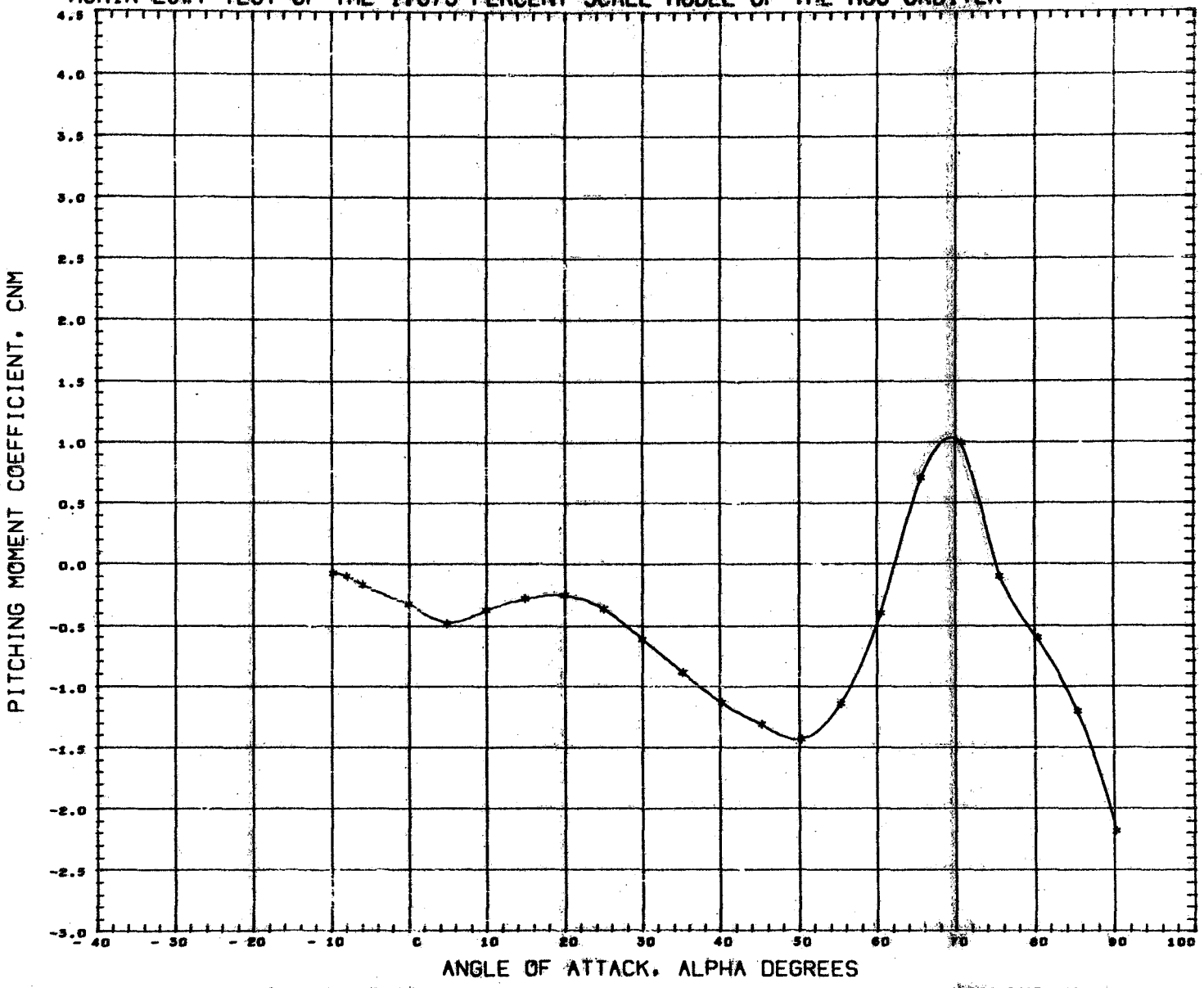
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
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		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

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REFB	$1.50000 \times 10^{+01}$	FT.
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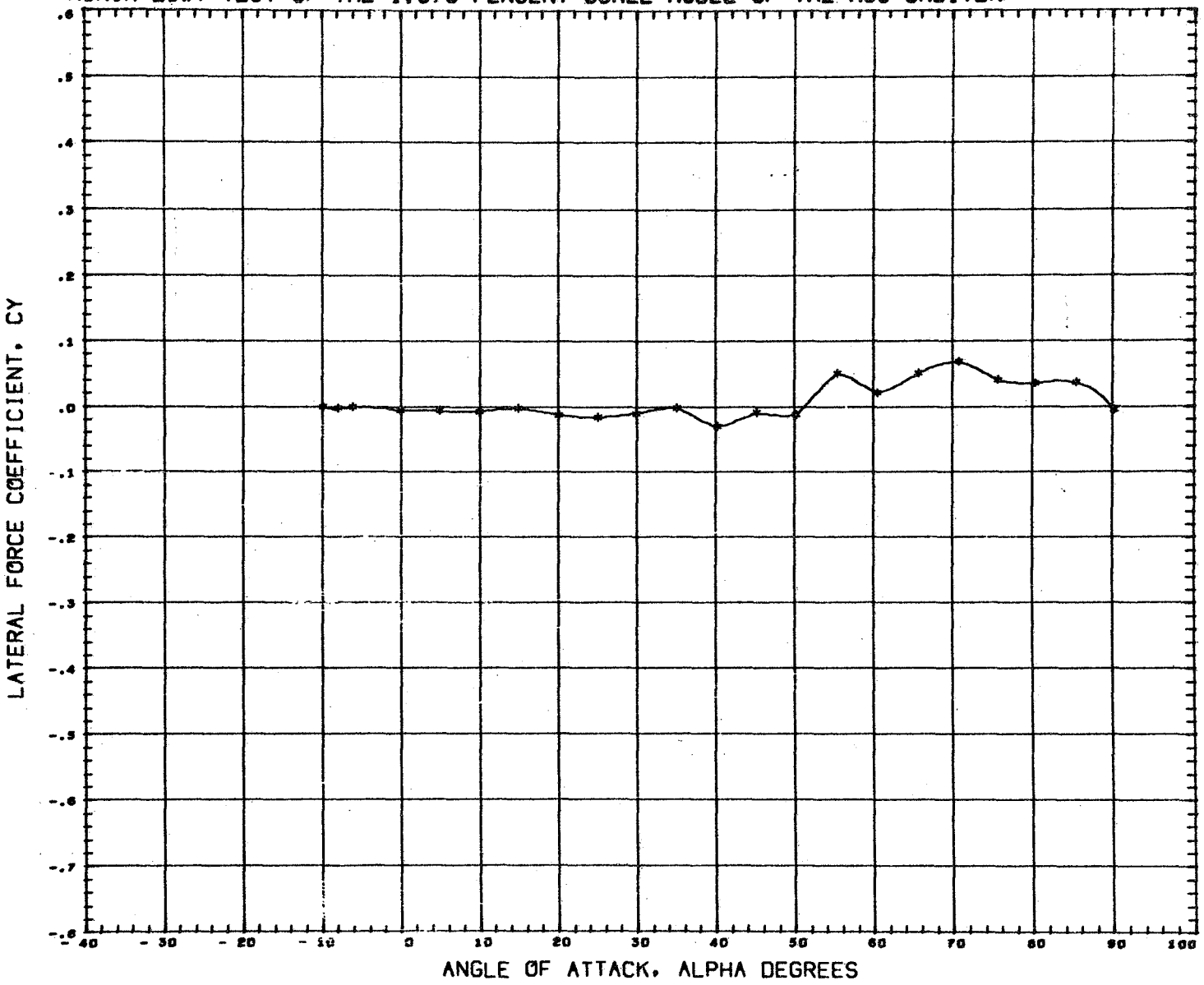
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



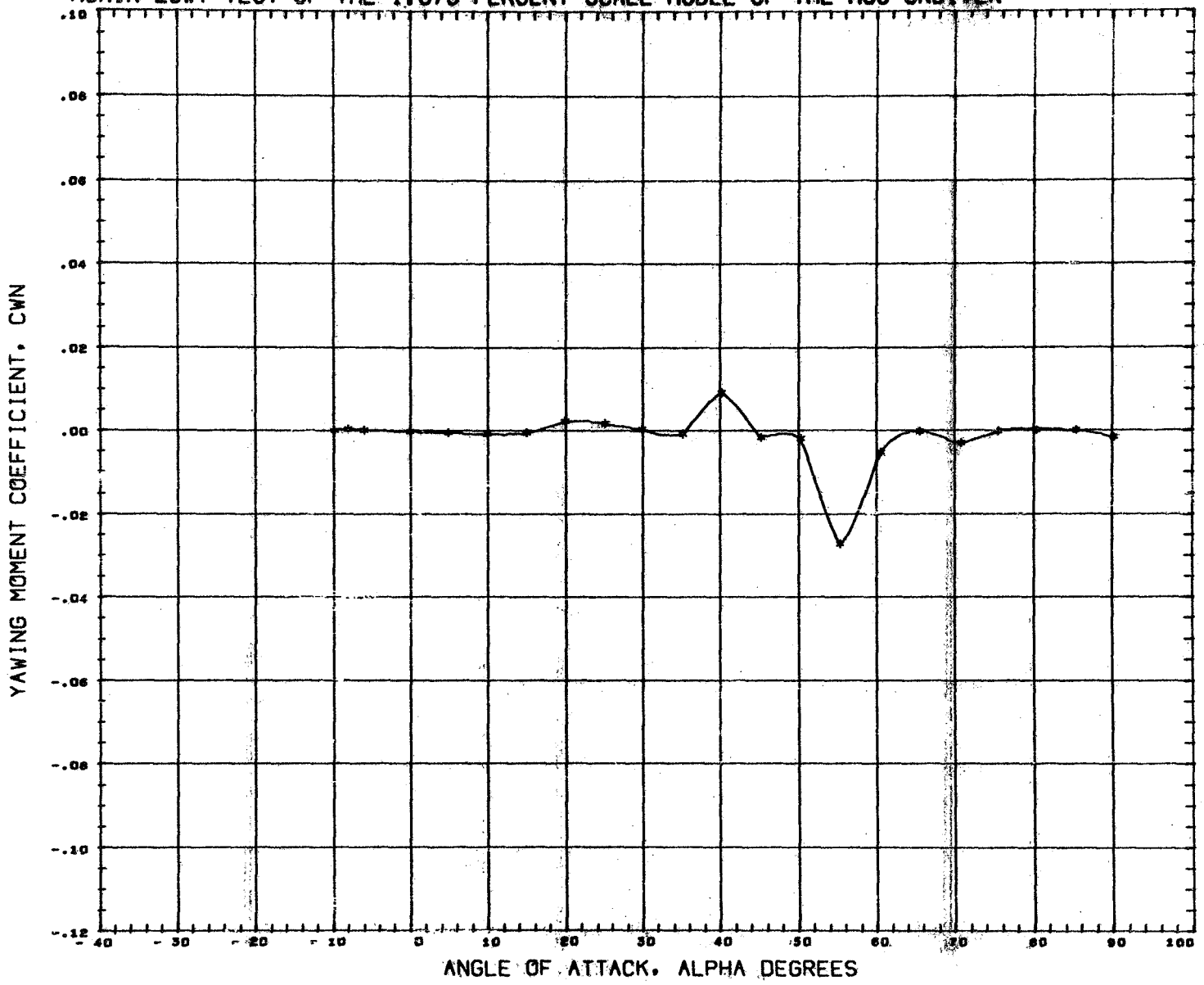
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	0.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



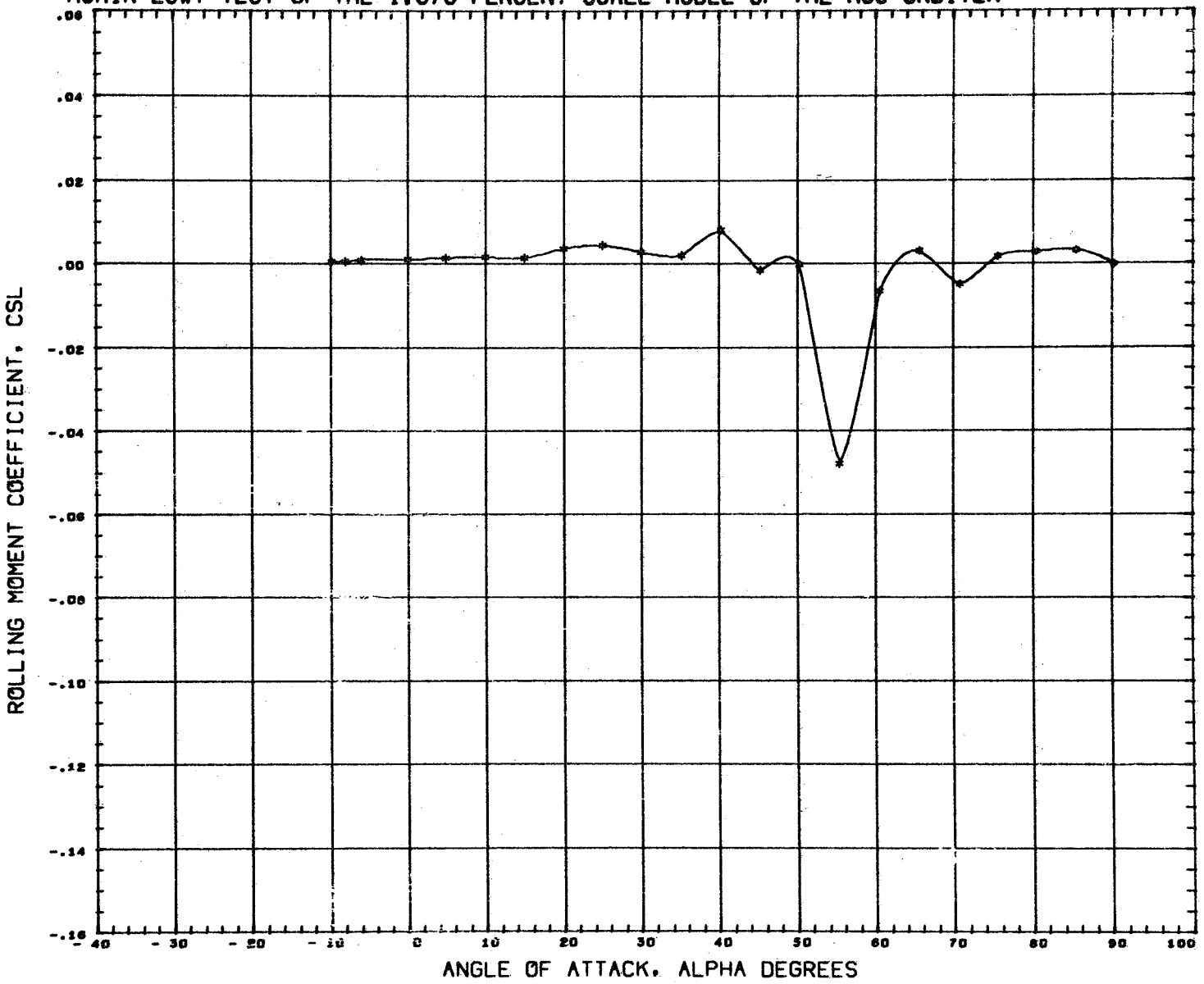
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	0.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+01}$	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



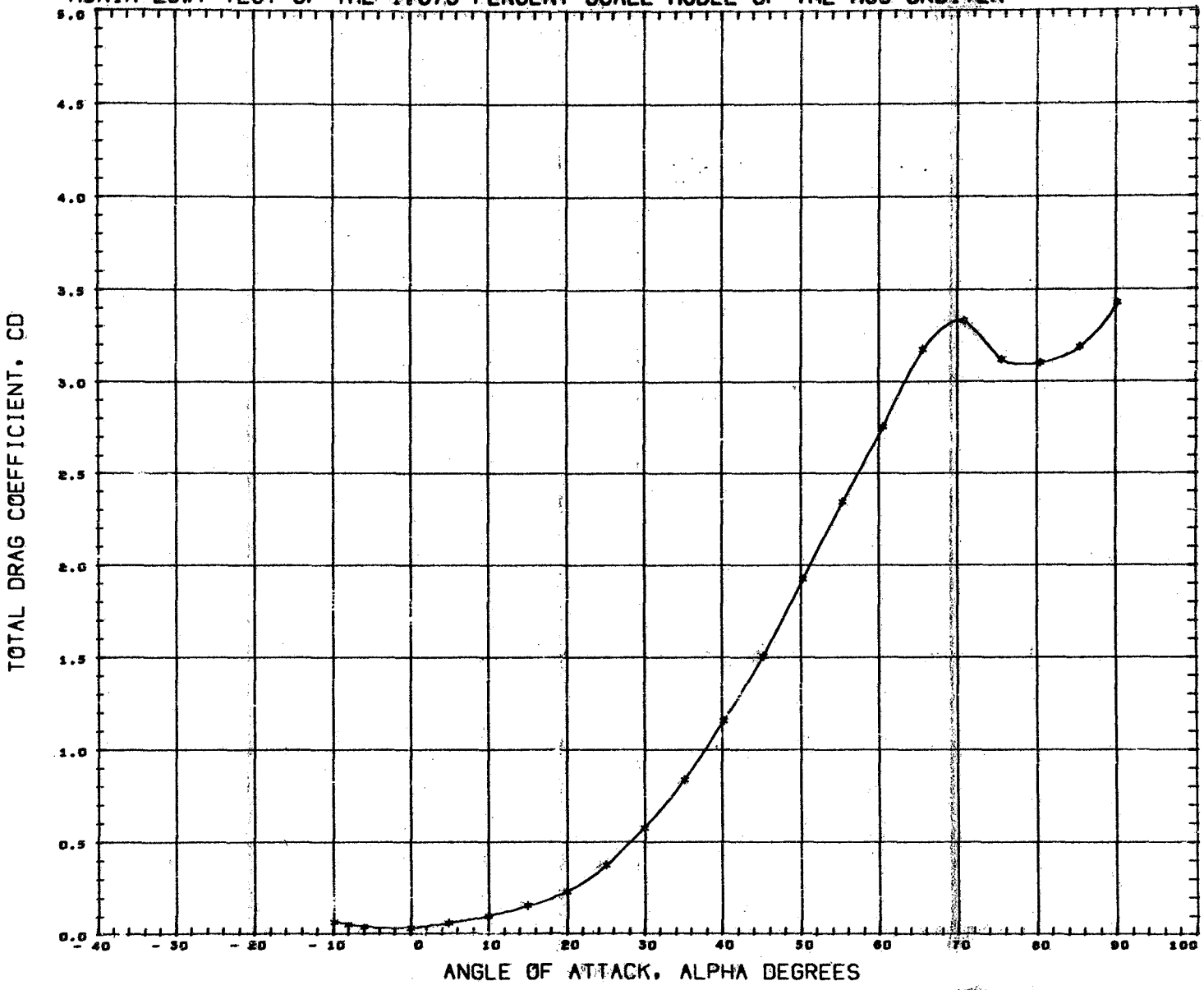
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	0.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



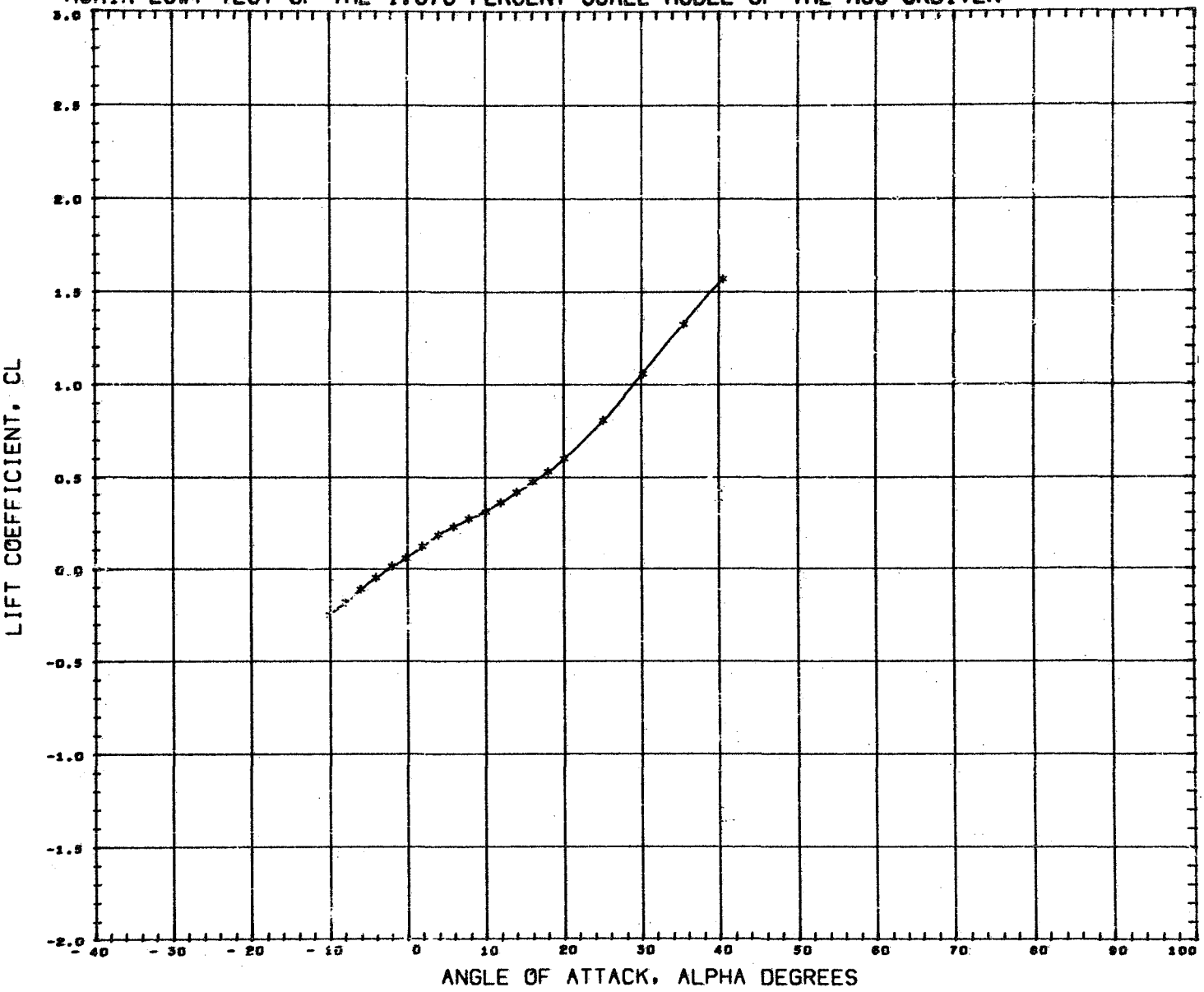
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.170	BETA	0.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH
*	0.250

PARAMETRIC VALUES

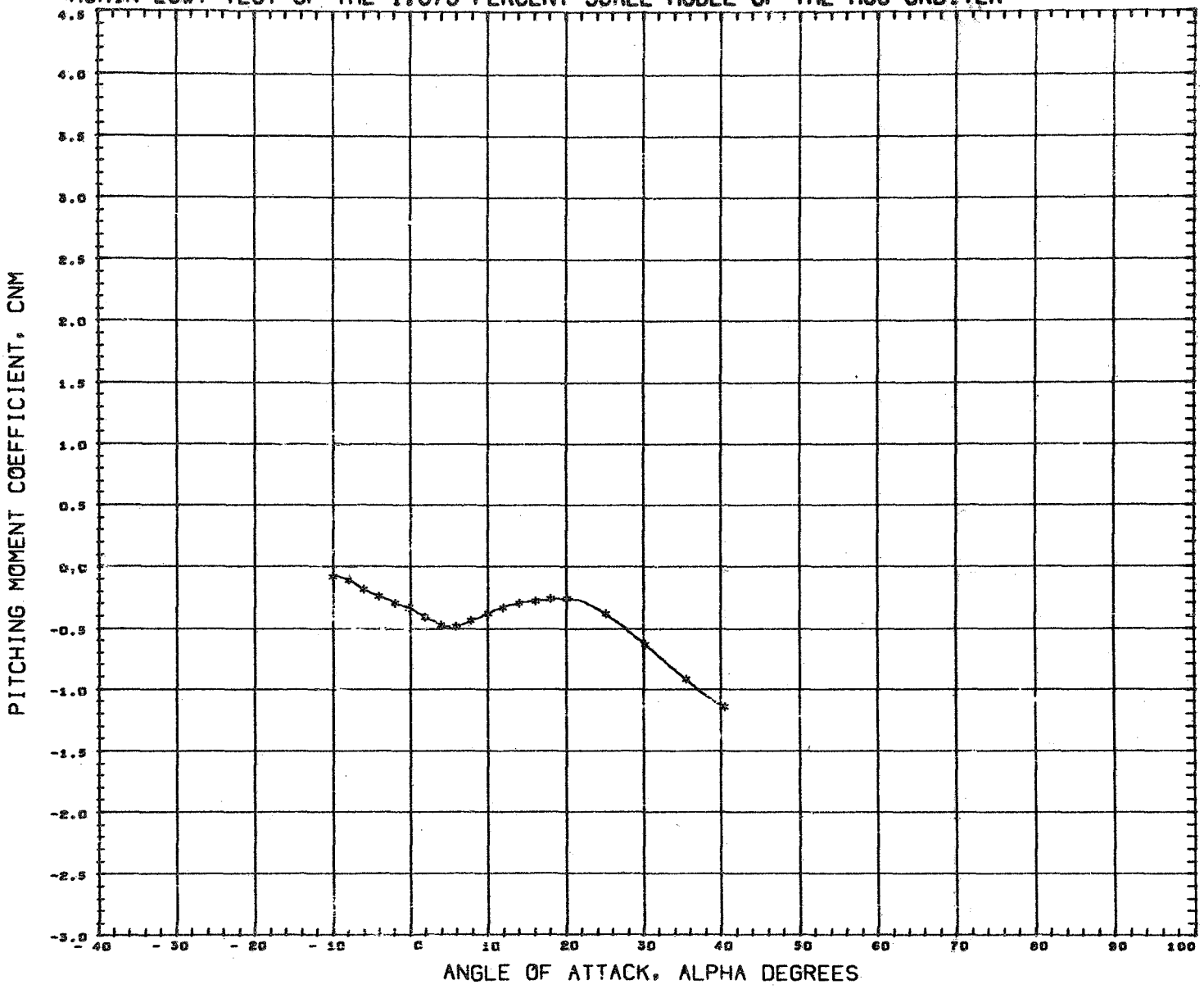
BETA	0.000	HTAIL	0.000
ELEVTR	0.000	PHI	0.000
WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20000×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



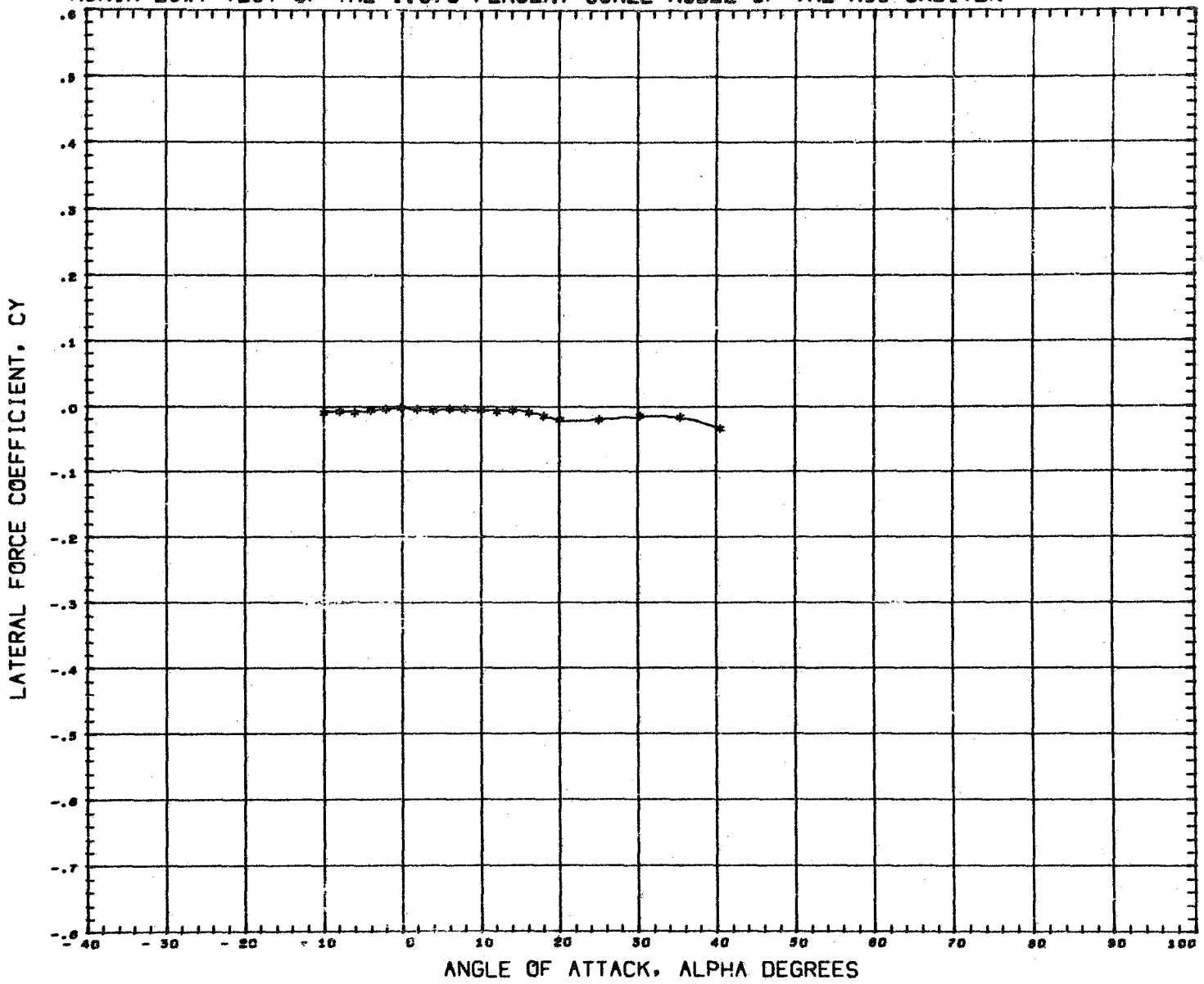
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	0.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



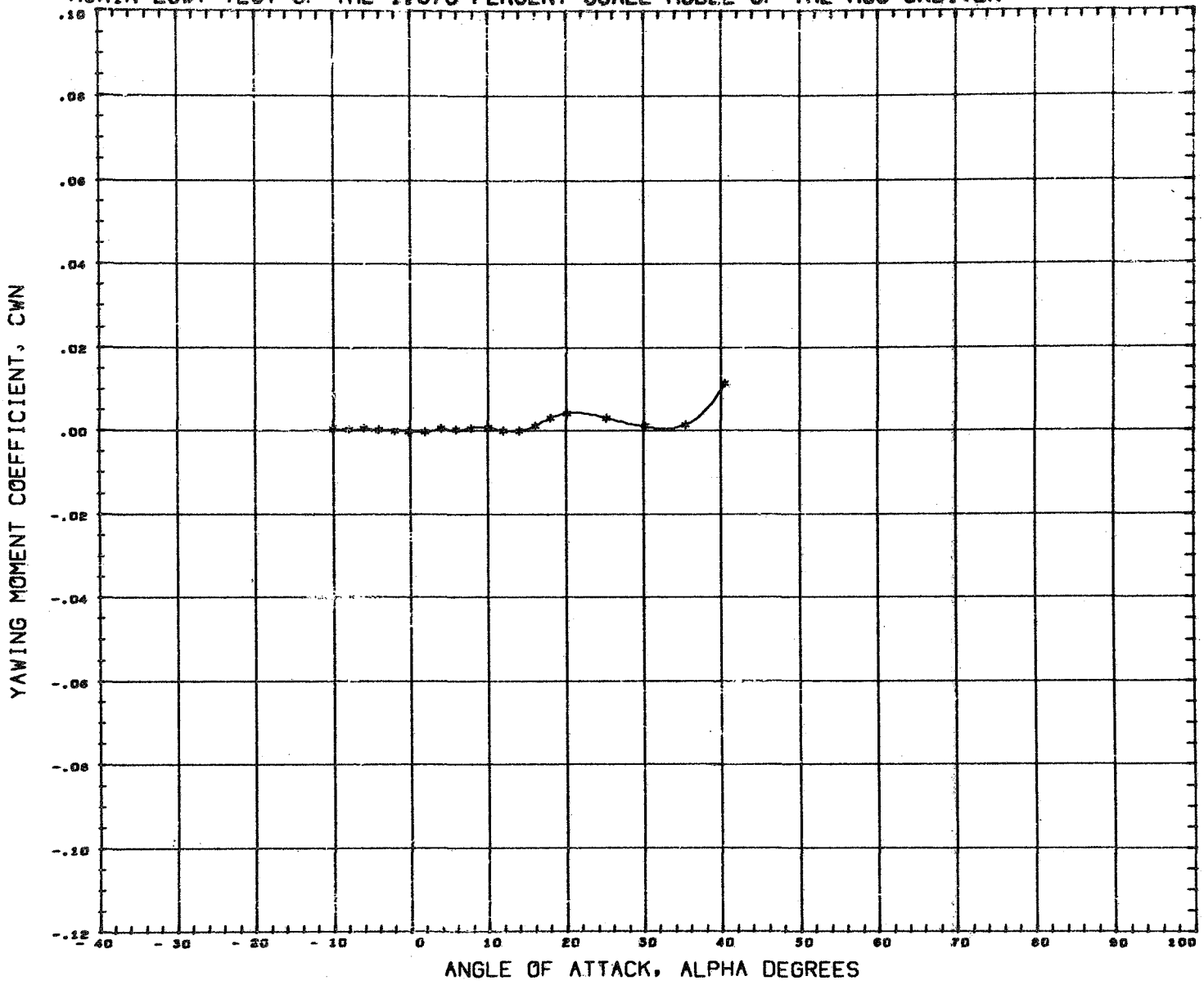
SYMBOL	MACH		PARAMETRIC VALUES		
*	0.250	BETA	0.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
XMRP	$1.38370 \times 10^{+01}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



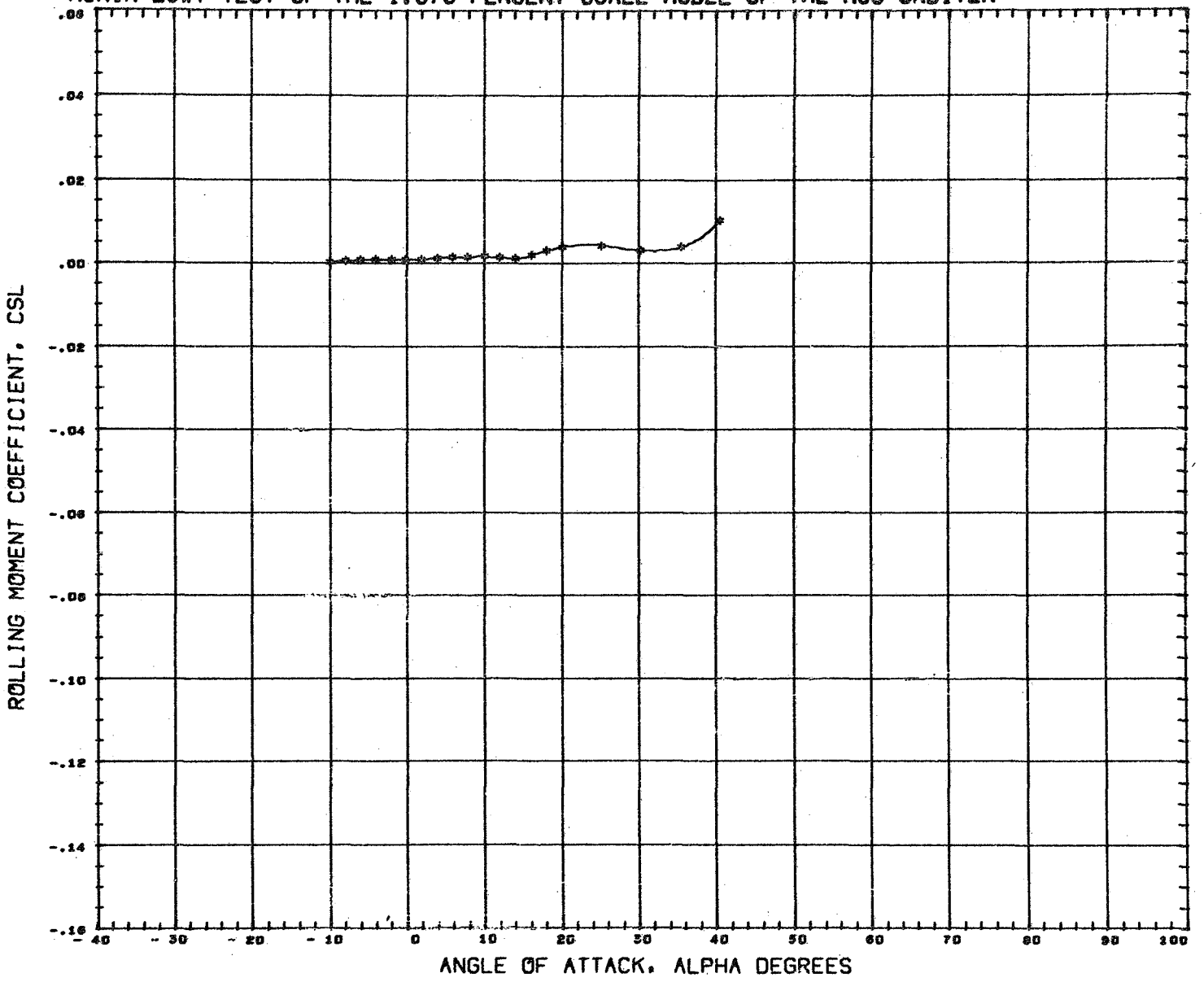
SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	0.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20600×10^{-01}	SQ.FT.
REFL	$2.31700 \times 10^{+00}$	FT.
REFB	$1.50000 \times 10^{+01}$	FT.
XMRP	$1.38370 \times 10^{+00}$	IN.
YMRP	$0.00000 \times 10^{+00}$	IN.
ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE

MCAIR LSWT TEST OF THE 1.875 PERCENT SCALE MODEL OF THE MSC ORBITER



SYMBOL	MACH	PARAMETRIC VALUES			
*	0.250	BETA	0.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

REFERENCE FILE SDY 37100150

REFERENCE INFORMATION

REFS	3.20800×10^{-01}	SQ.FT.
REFL	2.31700×10^{-01}	FT.
REFB	$1.50000 \times 10^{+00}$	FT.
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ZMRP	$2.40000 \times 10^{+00}$	IN.
SCALE	1.87500×10^{-02}	SCALE

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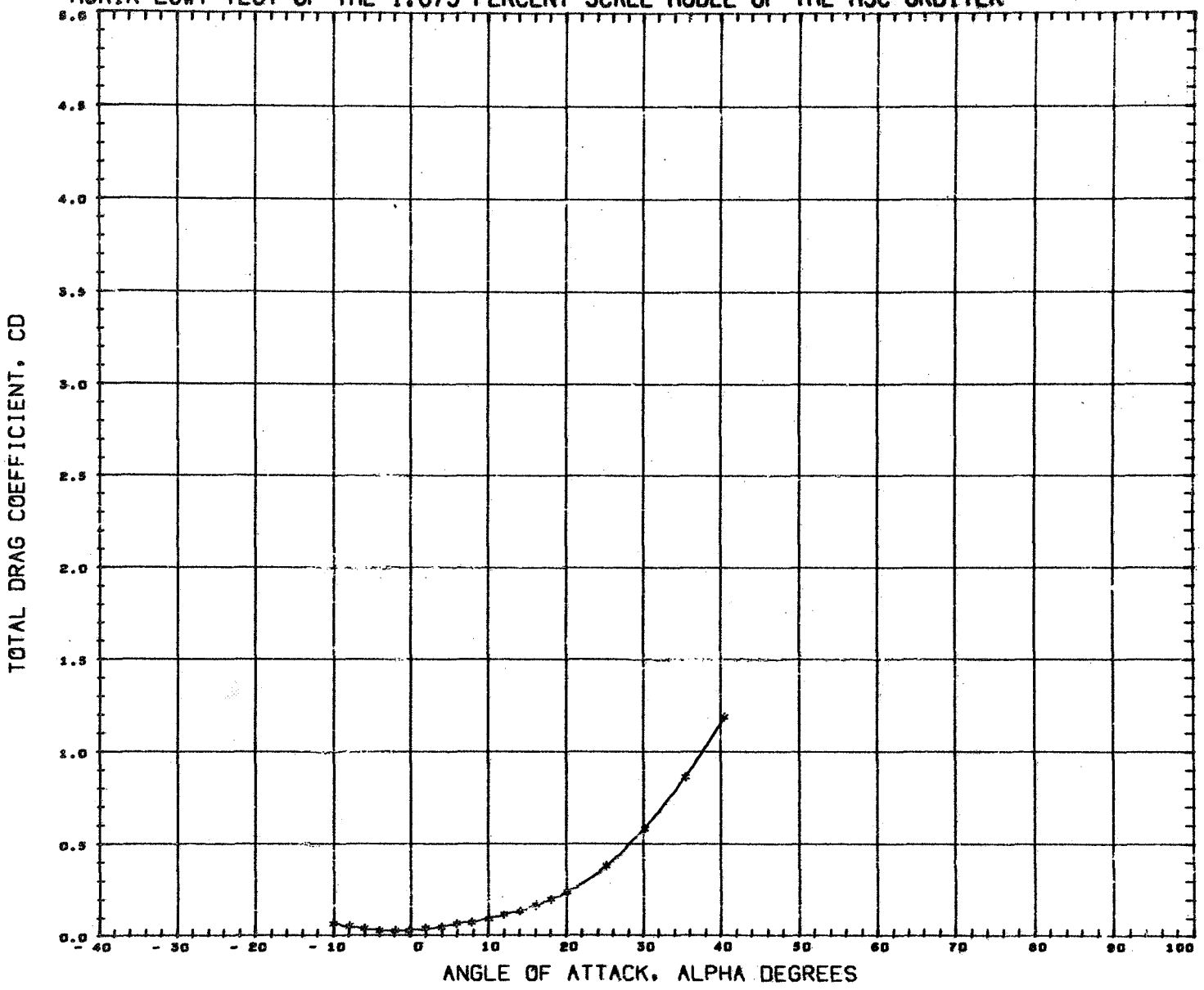

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*	0.250	BETA	0.000	HTAIL	0.000
		ELEVTR	0.000	PHI	0.000
		WINGL	0.000		

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ZMRP	2.40000×10^{-02}	IN.
SCALE	1.87500×10	SCALE