AD-A085 259 LOCKHEED-GEORGIA CO MARIETTA F/G 20/4
ACQUISITION AND APPLICATION OF TRANSONIC WING AND FAR-FIELD TES--ETC(U)
MAR 80 B L HINSON, K P BURDGES F49620-78-C-0068
UNCLASSIFIED LG80ER0012-VOL-2 AFOSR-TR-80-0422-VOL-2-APP NL

1 OF 8
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ACQUISITION AND APPLICATION OF TRANSONIC WING AND FAR-FIELD TEST DATA FOR THREE-DIMENSIONAL COMPUTATIONAL METHOD EVALUATION

VOLUME II — APPENDIX B, EXPERIMENTAL DATA

By

B. L. Hinson and K. P. Burdges

LOCKHEED-GEORGIA COMPANY
86 South Cobb Drive
Marietta, Georgia 30063

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March 1980

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AIR FORCE OFFICE OF SCIENTIFIC RESEARCH
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This volume contains an extensive set of experimental pressure data for Wings A, B, and C. This includes data for all isolated wing and wing/fuselage configurations. No far-field pressure data, however, are included.

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FOREWORD

This appendix contains machine plots of a significant portion of the experimental data for wings A, B, and C. The plots include wing three-dimensional pressure plots, local section plots, and span load distribution plots for all wing and wing/fuselage configurations.

The complete matrix of test points has been repeated as Table B-1 with the test points included in this appendix indicated as solid symbols. The complete set of data is available on magnetic tape through the Air Force Office of Scientific Research, Bolling Air Force Base, D. C.

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TABLE B-1. SUMMARY OF TEST CONDITIONS

(a) Wing A

α \ M	.62	.72	.76	.78	.80	.82	.84
-2	○ ⊽ ⊖ Ω □ ◇ △	○	○	○	○ ⊽ ⊖ Ω	○ ⊽ ⊖ Ω □ ◇ △	○
-1	○ ⊽ ⊖ Ω □ ◇ △	○	○	○	○ ⊽ ⊖ Ω	○ ⊽ ⊖ Ω □ ◇ △	○
0	○ ⊽ ⊖ Ω □ ◇ △	○	○	○	○ ⊽ ⊖ Ω △	○ ⊽ ⊖ Ω □ ◇ △	○
1	● ⊽ ⊖ Ω □ ◇ △	○	○	○	● ⊽ ⊖ Ω △	● ⊽ ⊖ Ω □ ◇ △	●
2	○ ⊽ ⊖ Ω □ ◇ △	○ ⊽ ⊖ Ω □ ◇	○ ⊽ ⊖ Ω □ ◇	○ ⊽ ⊖ Ω □ ◇	● ⊽ ⊖ Ω □ ◇ △	● ⊽ ⊖ Ω □ ◇ △	● ⊽ ⊖ Ω □ ◇
3	● ⊽ ⊖ Ω □ ◇ △	○	○	○	● ⊽ ⊖ Ω	● ⊽ ⊖ Ω □ ◇ △	●
4	○ ⊽ ⊖ Ω □ ◇ △	○	○			●	
5	● ⊽ ⊖ Ω □ ◇ △						
C_L = .45	○ □ ◇ △				○	○ □ ◇ △	

○ CLEAN WING, τ = 4%

□ CLEAN WING, τ = 3%

◇ CLEAN WING, τ = 5%

△ CLEAN WING, τ = 6%

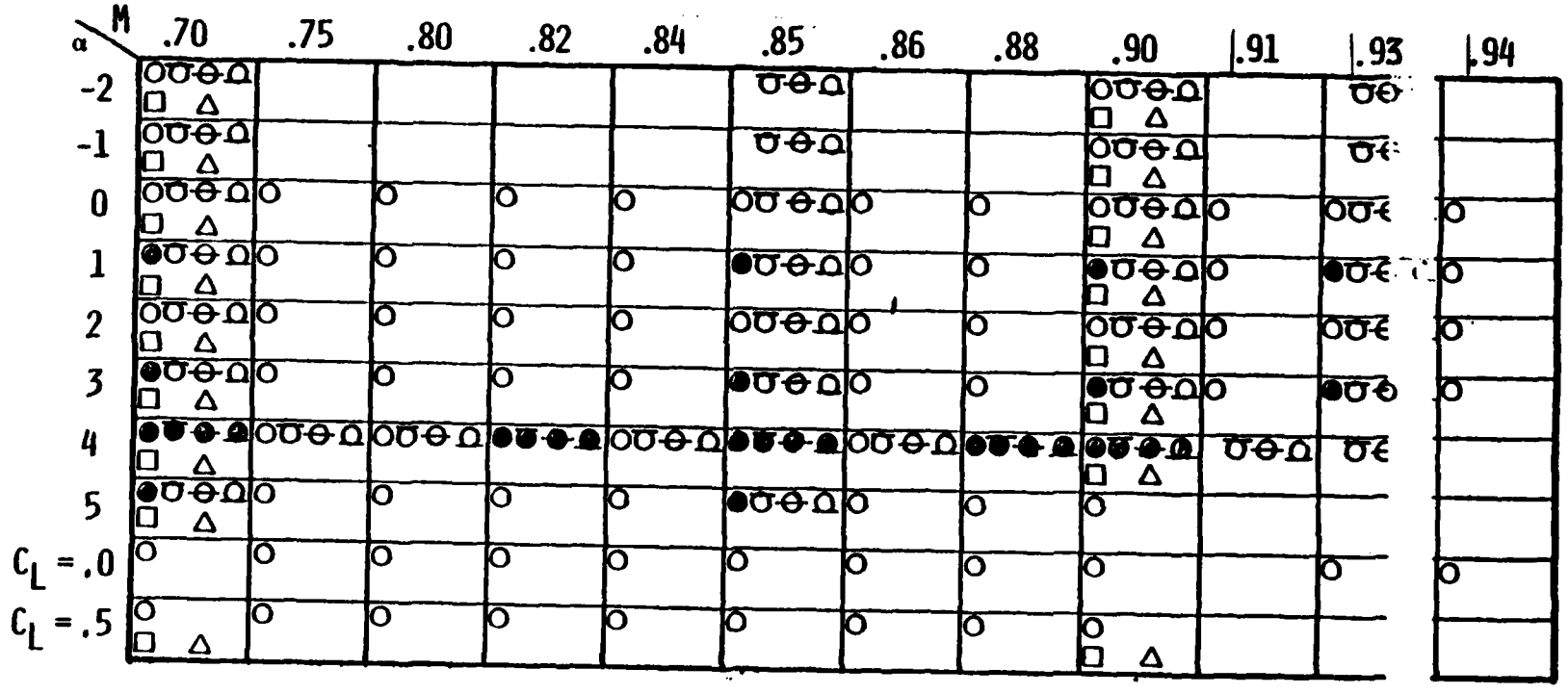
⊽ HIGH WING, τ = 4%

⊖ MID WING, τ = 4%

Ω LOW WING τ = 4%

TABLE B-1. Continued

(b) Wing B



CLEAN WING, τ = 4%

CLEAN WING, τ = 3%

CLEAN WING, τ = 5%

CLEAN WING, τ = 6%

σ HIGH WING, τ = 4%

⊖ MID WING, τ = 4%

Ω LOW WING τ = 4%

TABLE B-1. Continued

(c) Wing C

α \ M	.70	.75	.80	.82	.84	.85	.86	.88	.90			
0	○ ⊽ ⊖ Ω □ ◇ △	○	○	○	○	○ ⊽ ⊖ Ω □ ◇ △	○	○	○ ⊽ ⊖ Ω □ ◇ △			
1	● ⊽ ⊖ Ω □ ◇ △	○	○	○	○	● ⊽ ⊖ Ω □ ◇ △	○	○	● ⊽ ⊖ Ω □ ◇ △			
2	○ ⊽ ⊖ Ω □ ◇ △	○	○	○	○	○ ⊽ ⊖ Ω □ ◇ △	○	○	○ ⊽ ⊖ Ω □ ◇ △			
3	● ⊽ ⊖ Ω □ ◇ △	○	○	○	○	● ⊽ ⊖ Ω □ ◇ △	○	○	● ⊽ ⊖ Ω □ ◇ △			
4	○ ⊽ ⊖ Ω □ ◇ △	○	○	○	○	○ ⊽ ⊖ Ω □ ◇ △	○	○	○ ⊽ ⊖ Ω □ ◇ △			
5	● ⊽ ⊖ Ω □ ◇ △	○ ⊽ ⊖ Ω □ ◇ △	○ ⊽ ⊖ Ω □ ◇ △	● ⊽ ⊖ Ω □ ◇ △	○ ⊽ ⊖ Ω □ ◇ △	● ⊽ ⊖ Ω □ ◇ △	○ ⊽ ⊖ Ω □ ◇ △	● ⊽ ⊖ Ω □ ◇ △	● ⊽ ⊖ Ω □ ◇ △			
6	○ ⊽ ⊖ Ω □ ◇ △	○	○	○	○	○ ⊽ ⊖ Ω □ ◇ △	○	○	○ ⊽			
7	● ⊽ ⊖ Ω □ ◇ △	○	○	○	○	● ⊽ ⊖ Ω □ ◇ △	○					
C_L = .5	○ □ ◇ △					○ ◇ △			○ ◇ △			

CLEAN WING, τ = 4%

CLEAN WING, τ = 3%

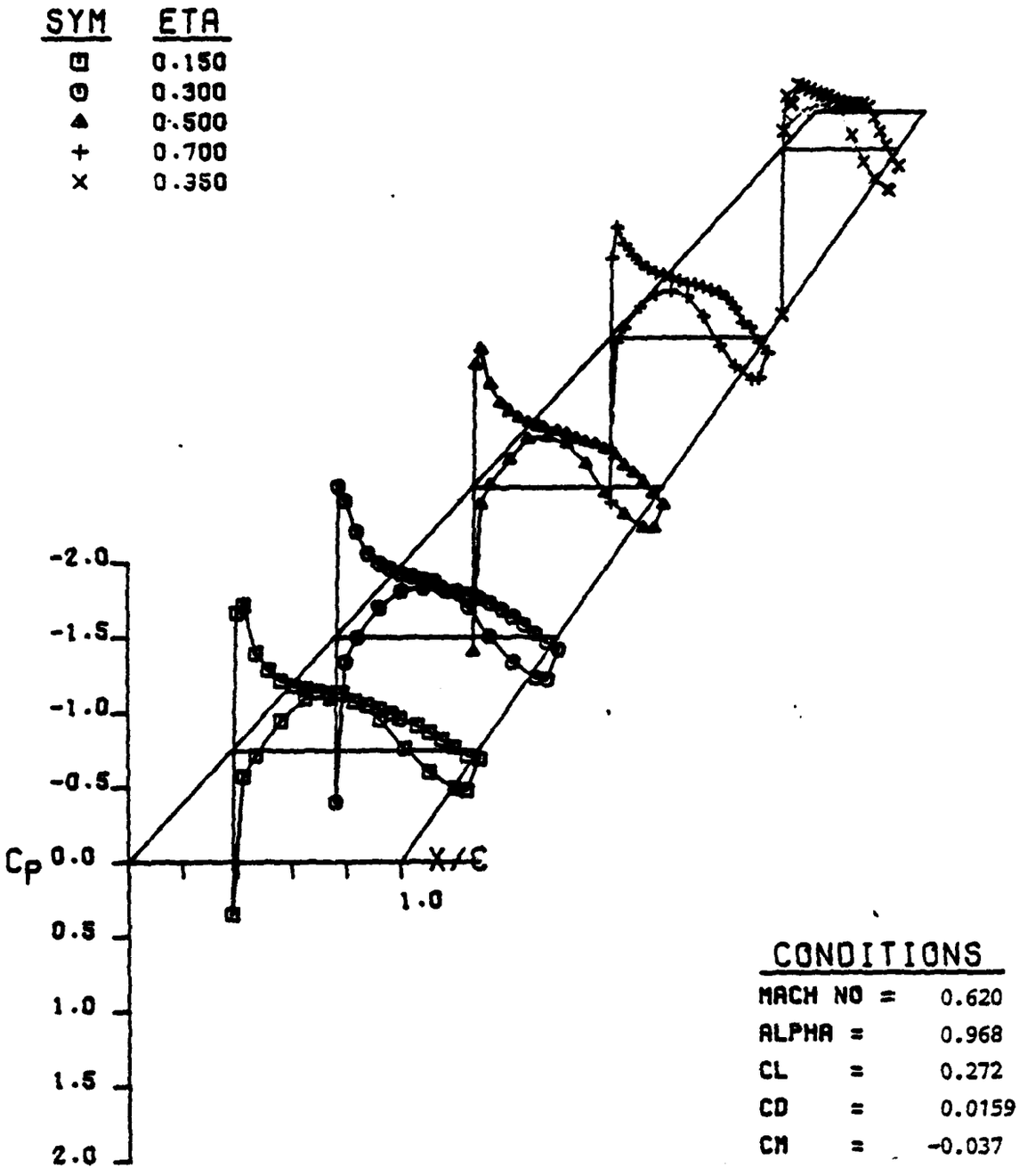
CLEAN WING, τ = 5%

CLEAN WING, τ = 6%

⊽ HIGH WING, τ = 4%

⊖ MID WING, τ = 4%

Ω LOW WING, τ = 4%



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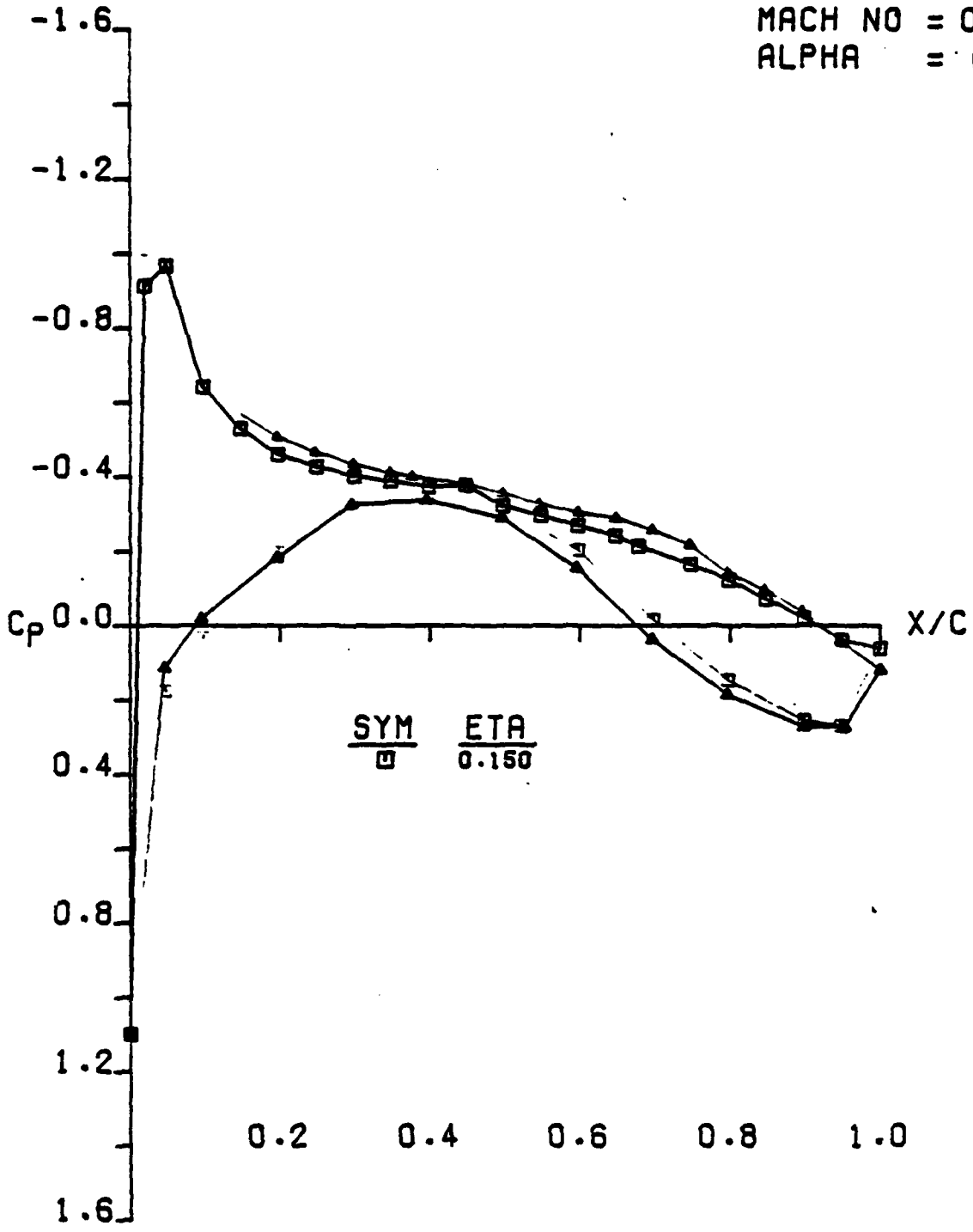

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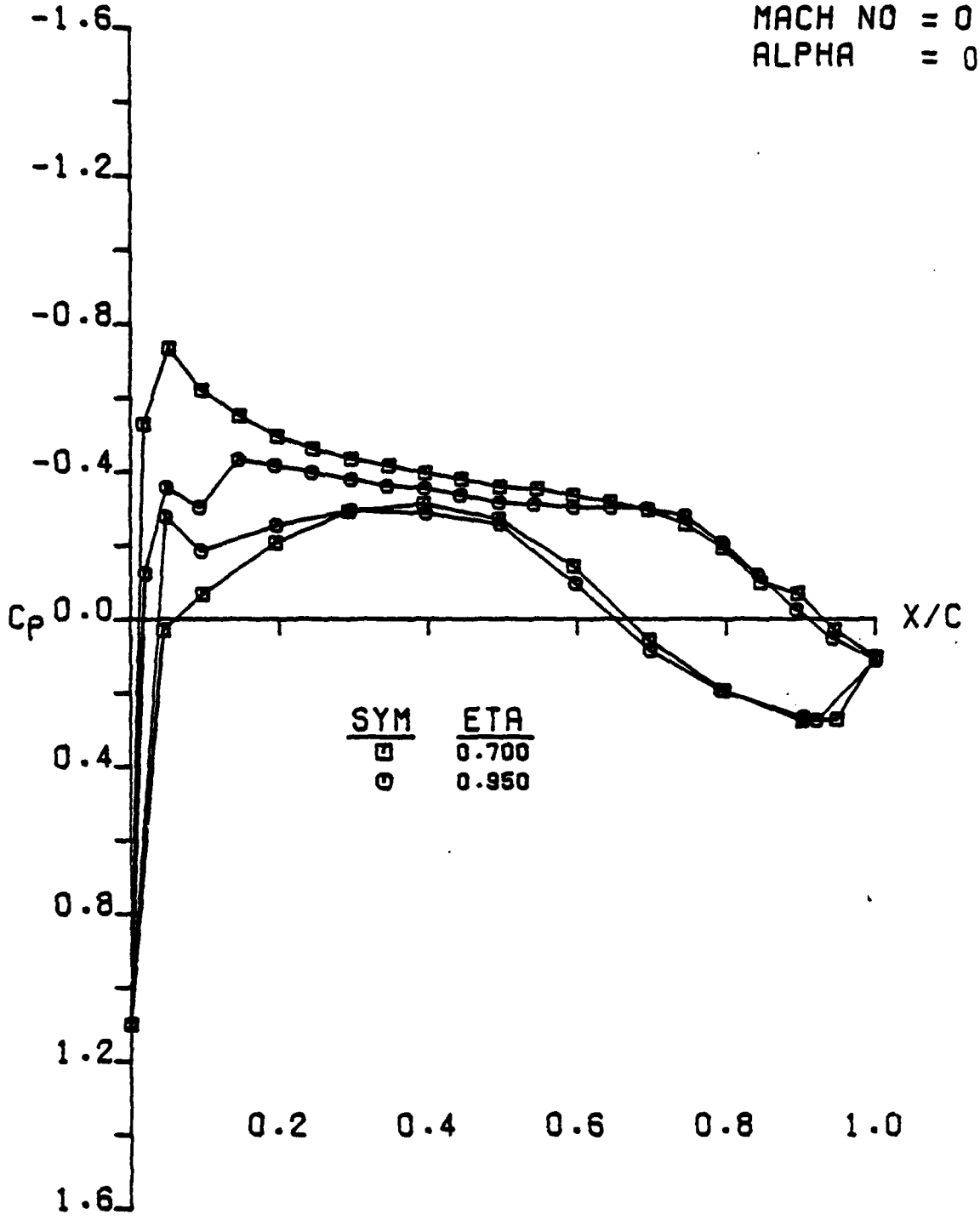

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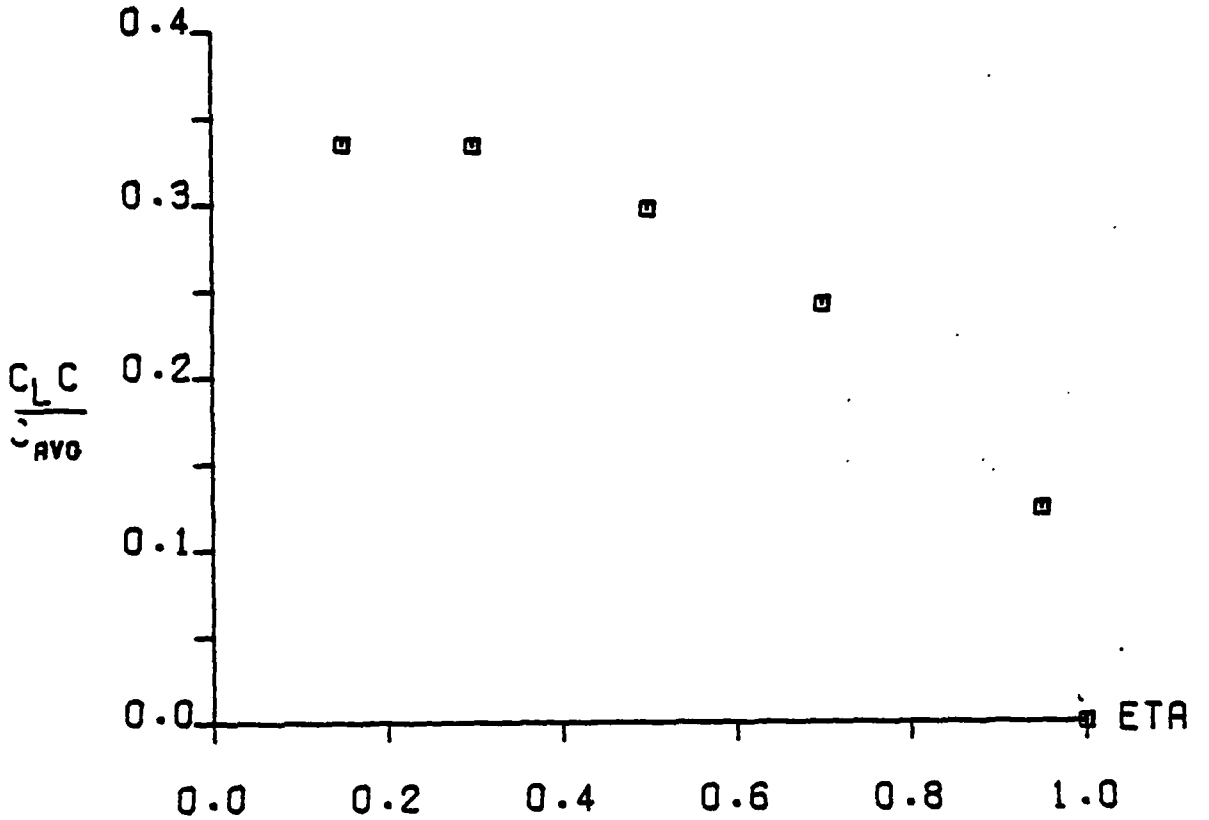

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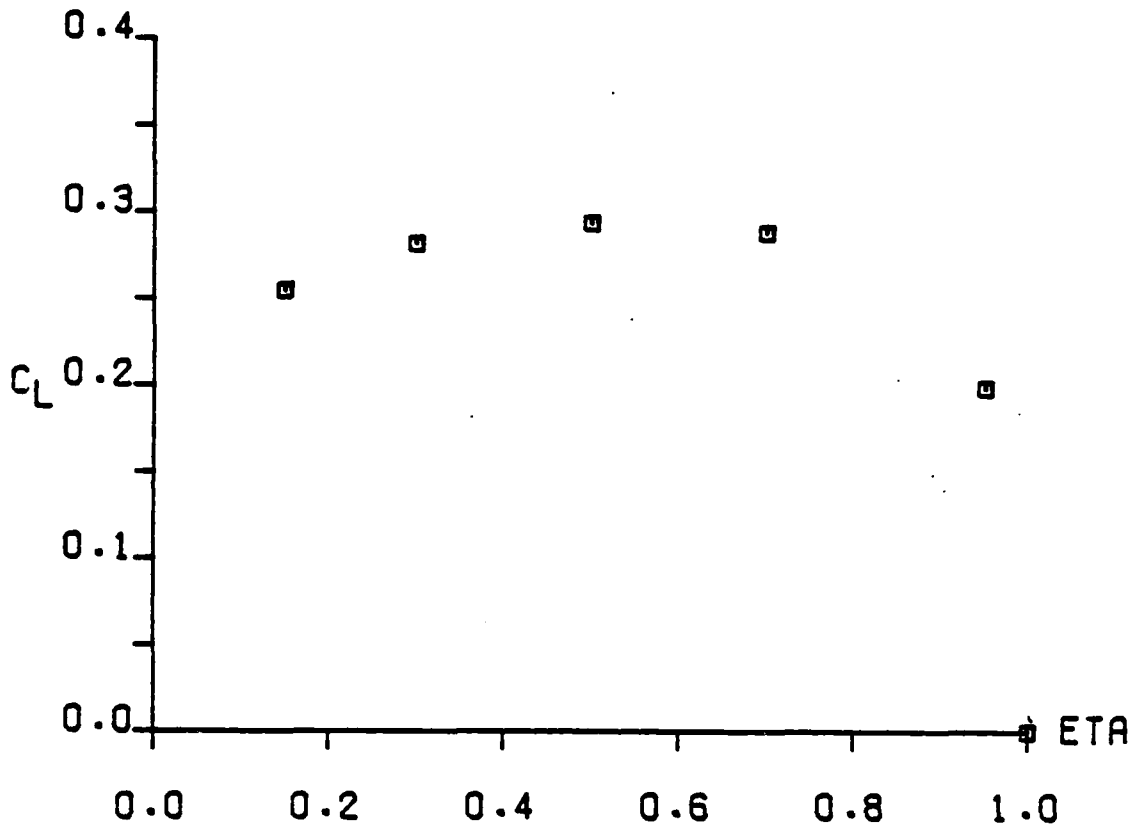

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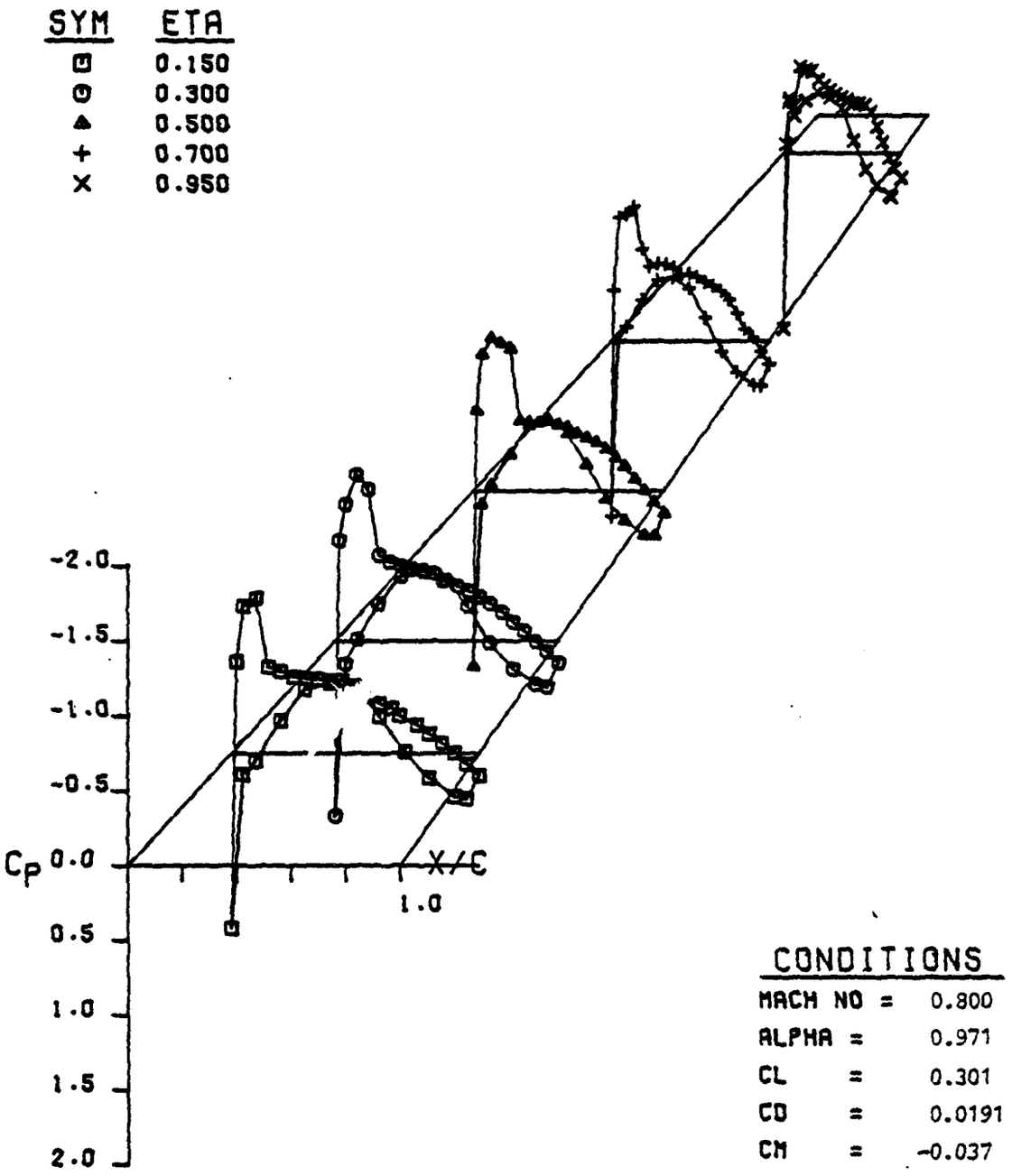

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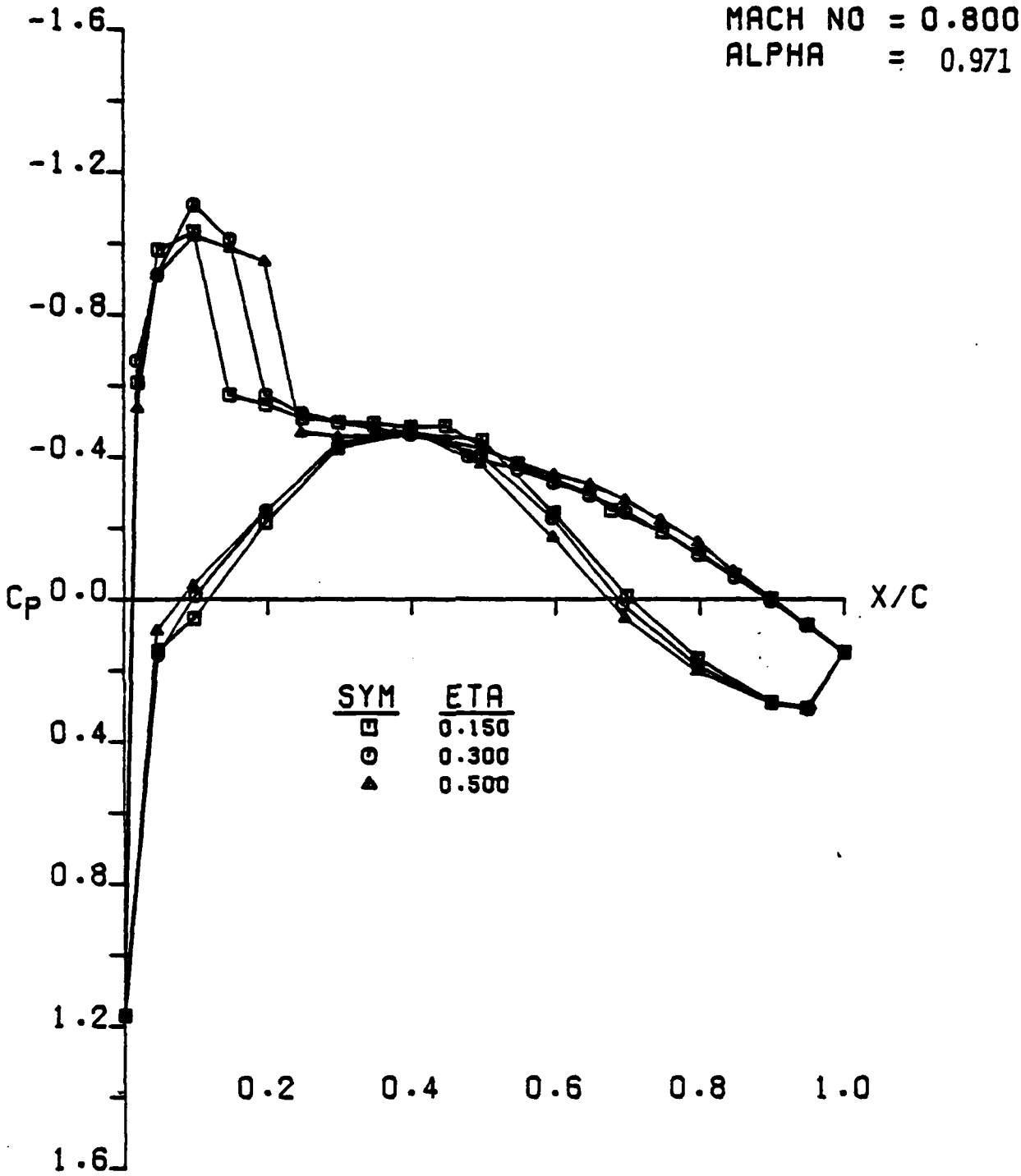

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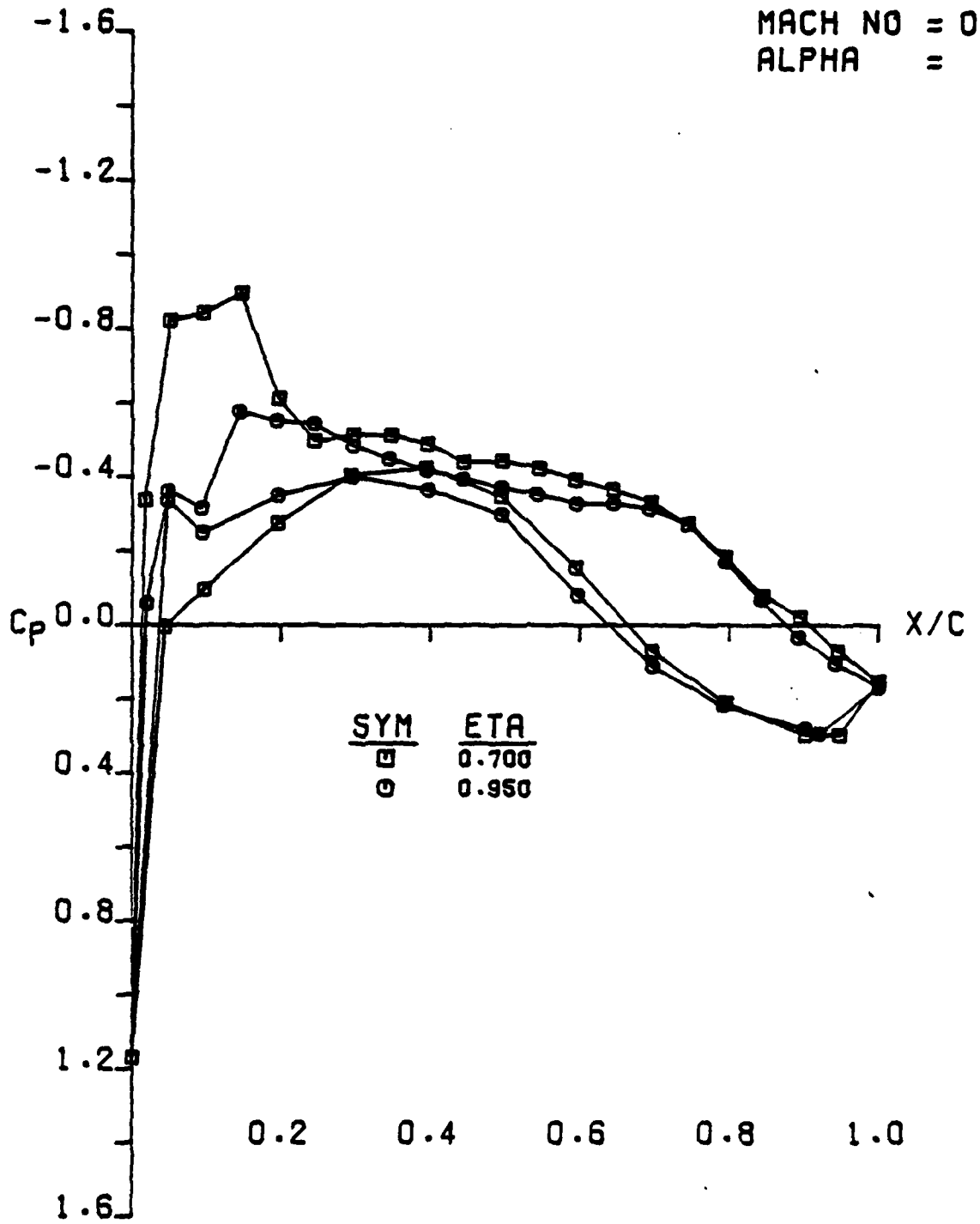

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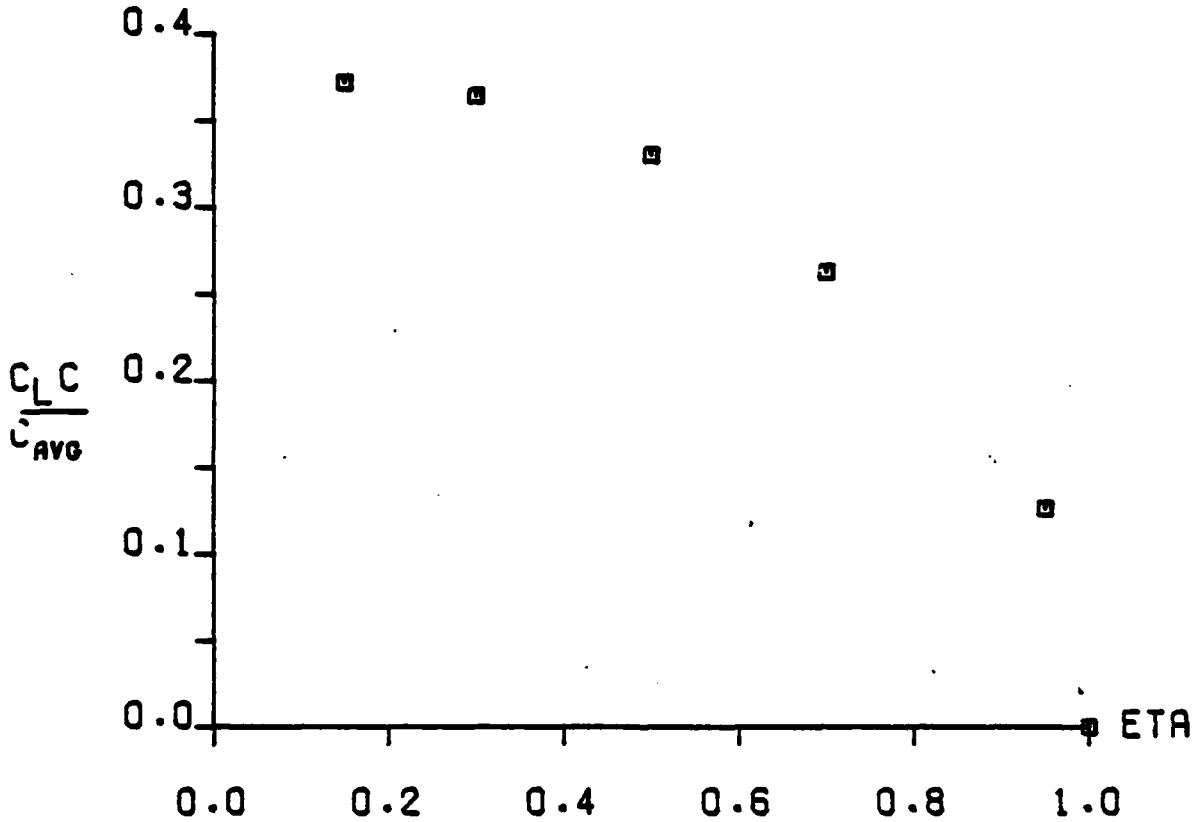

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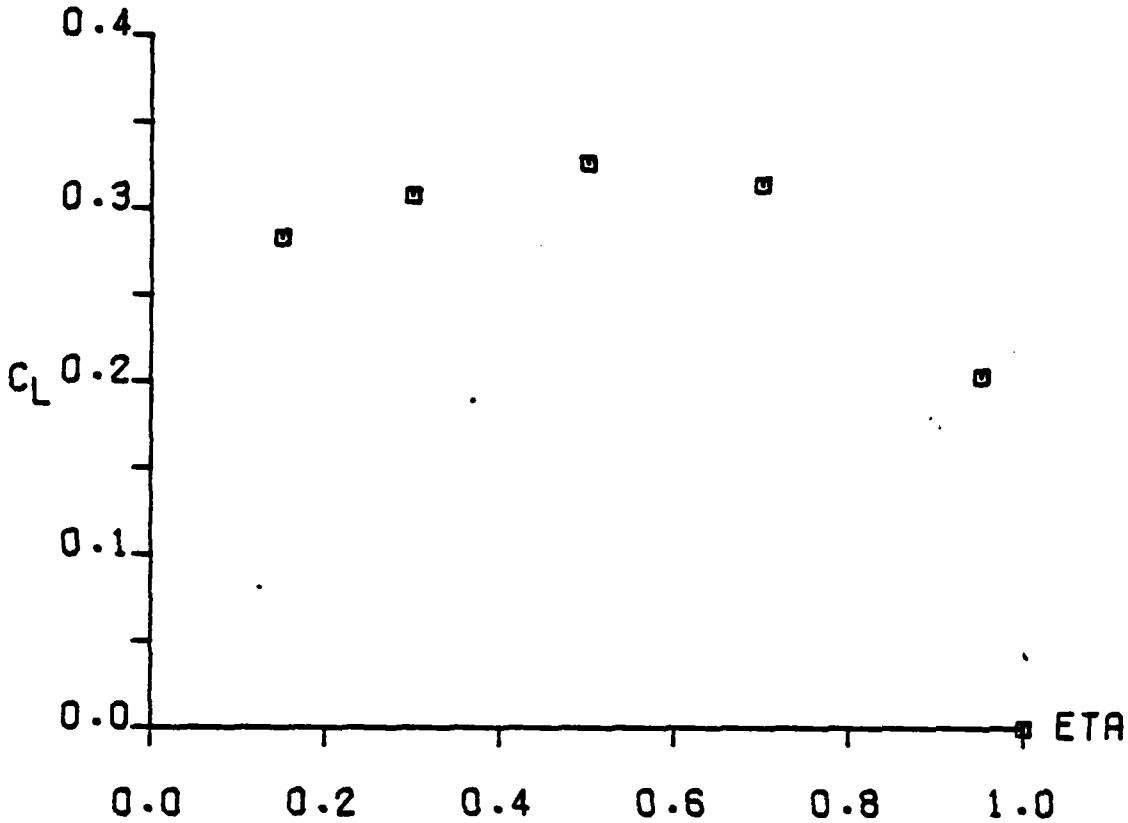

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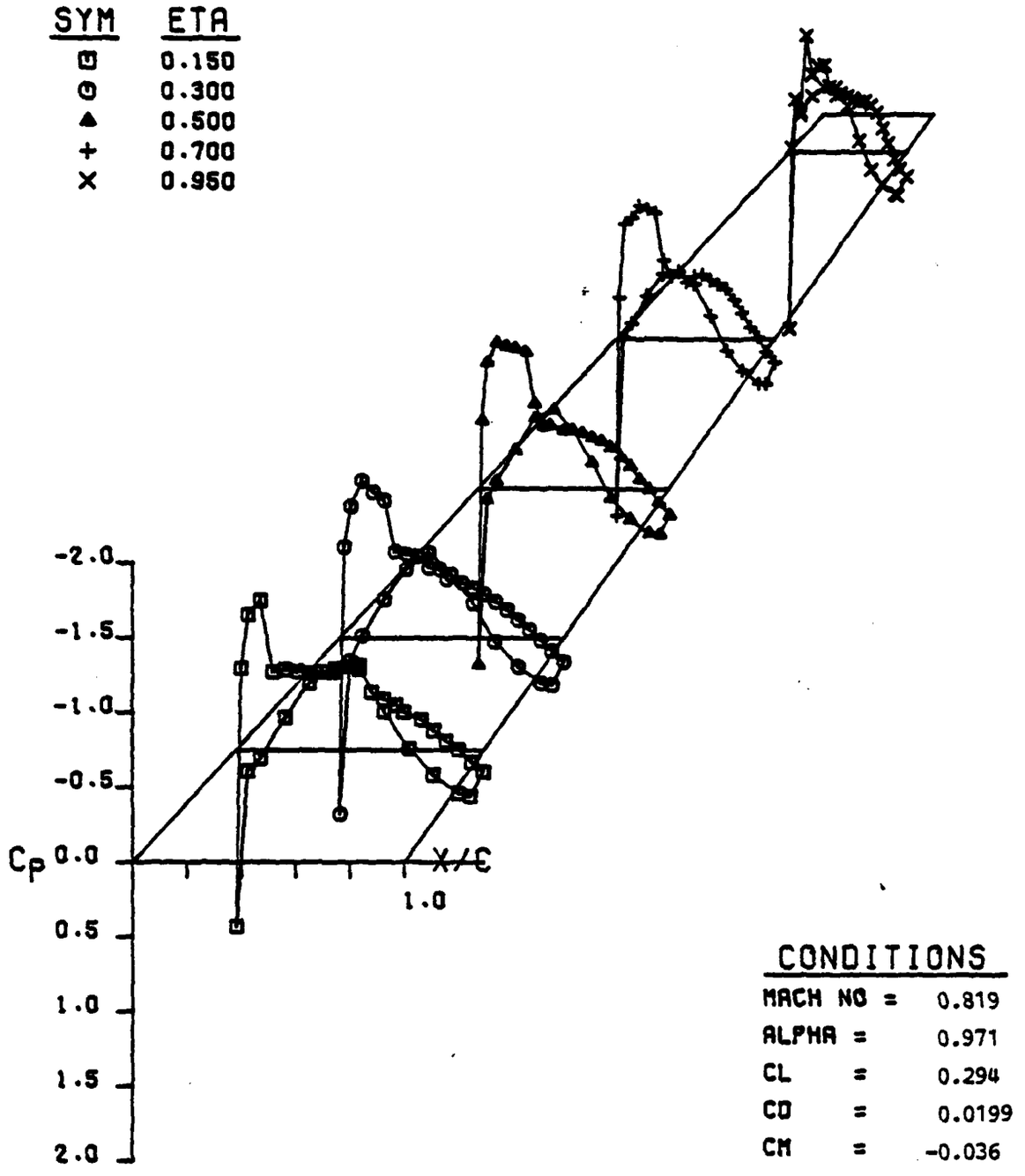

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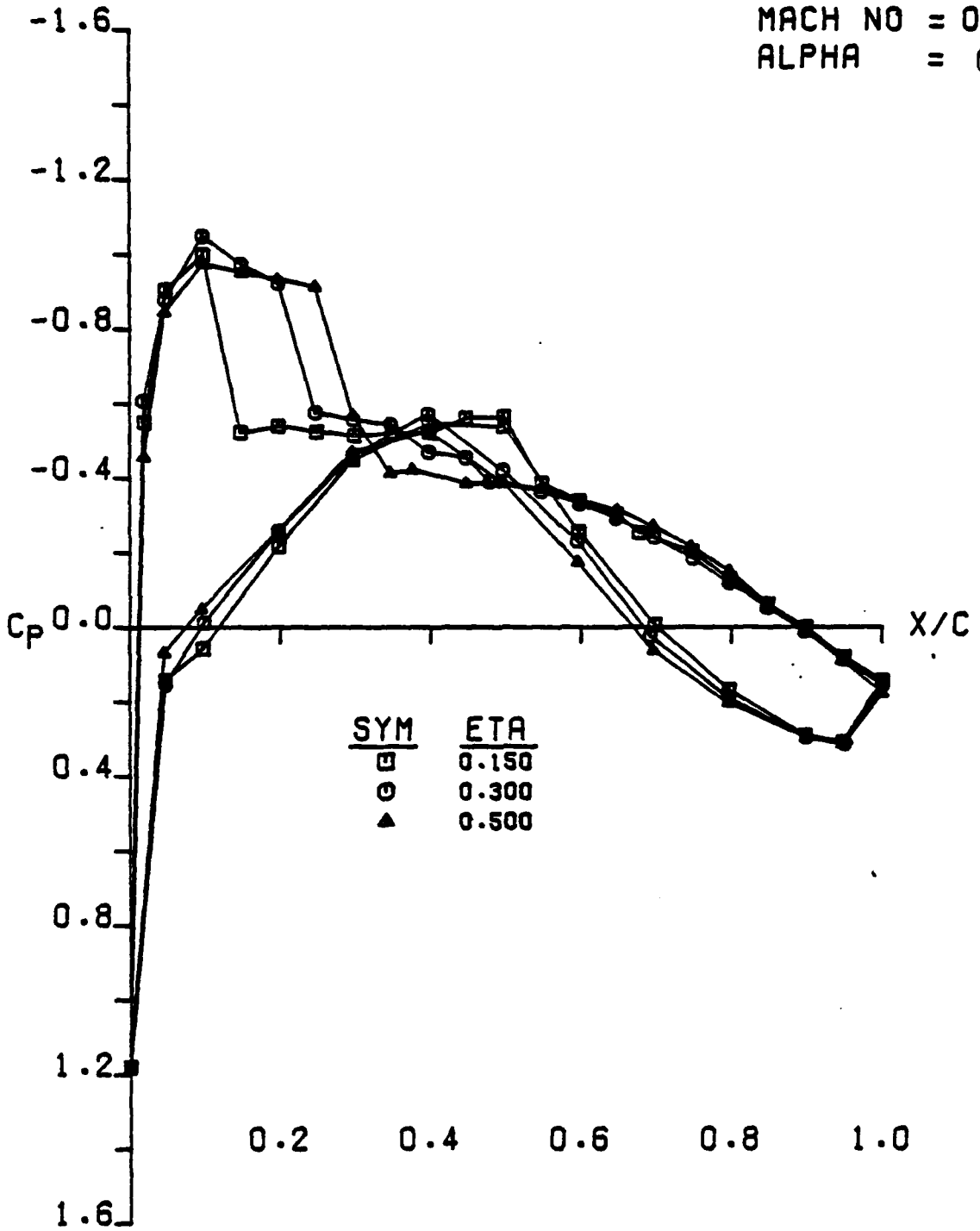

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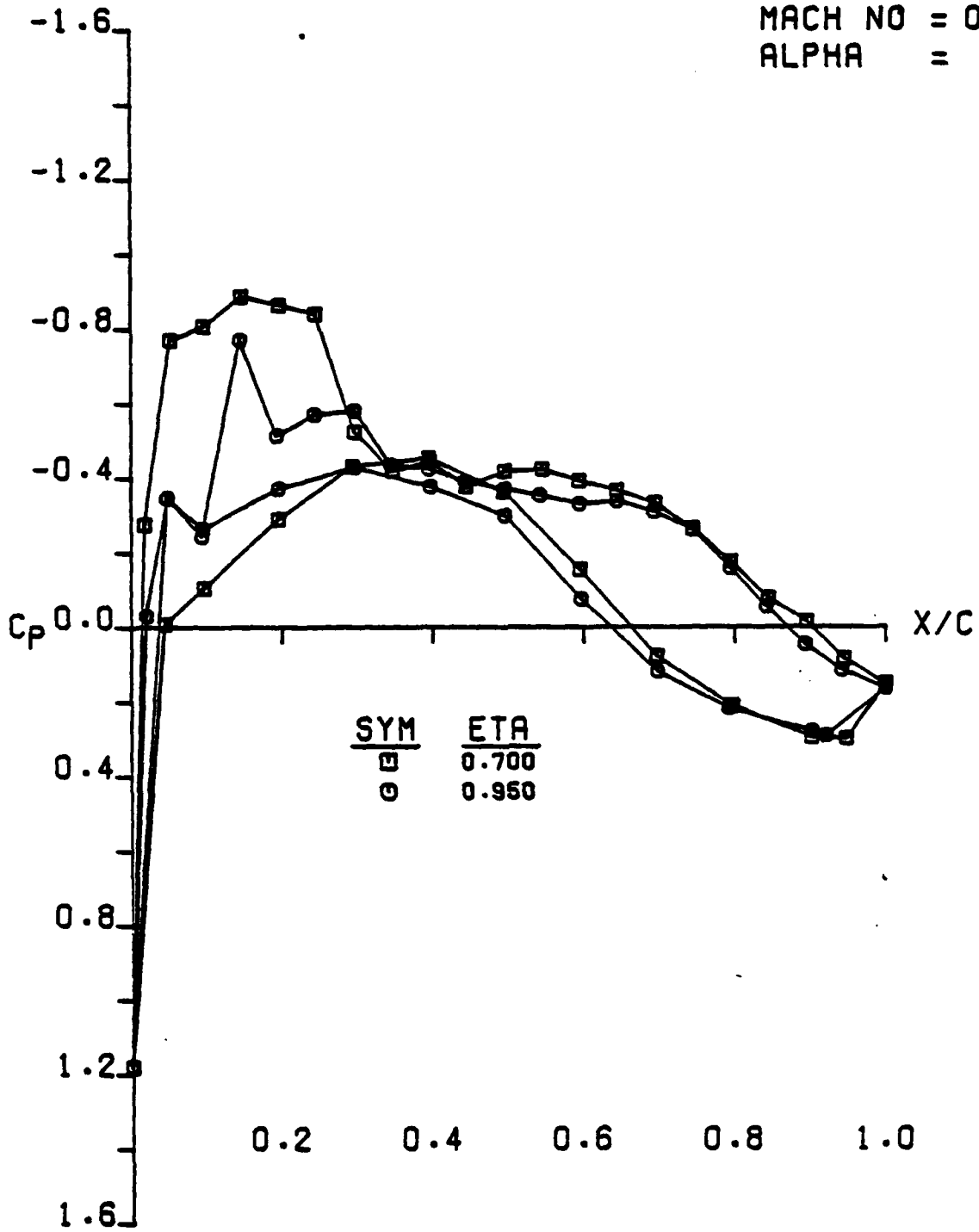

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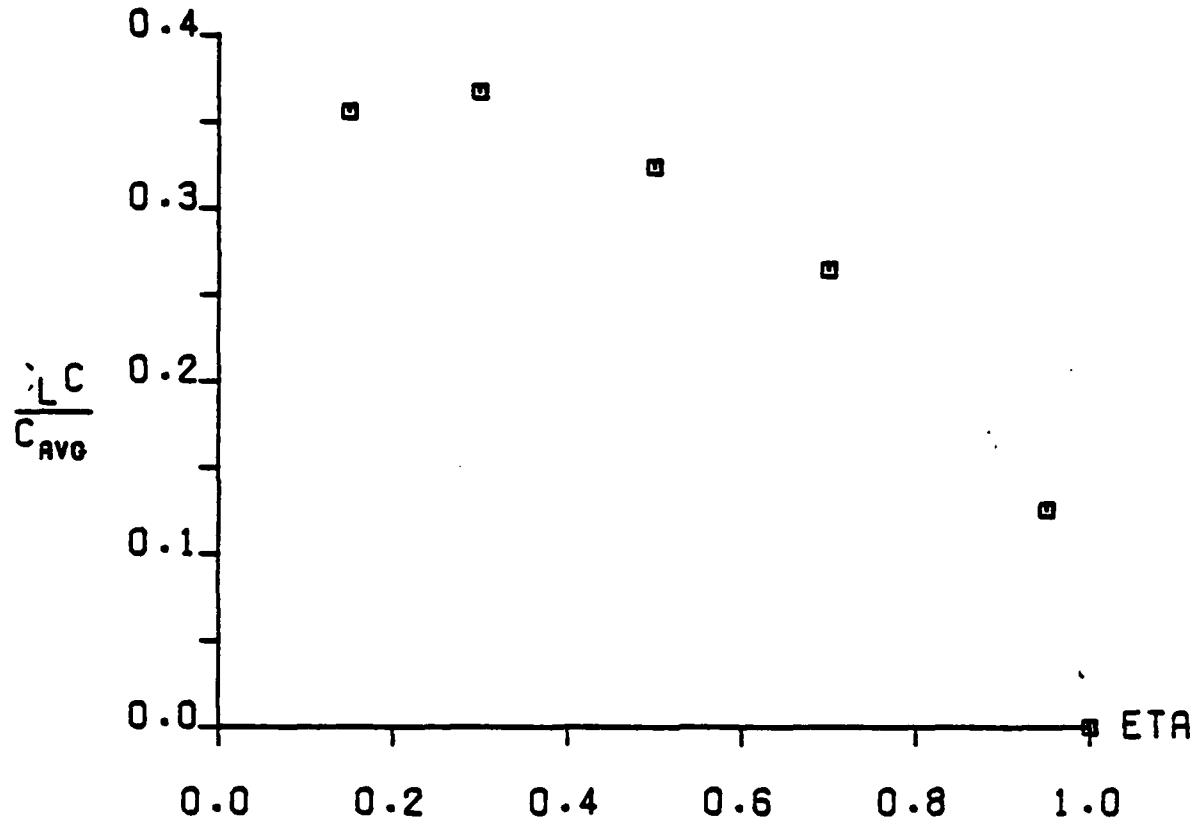

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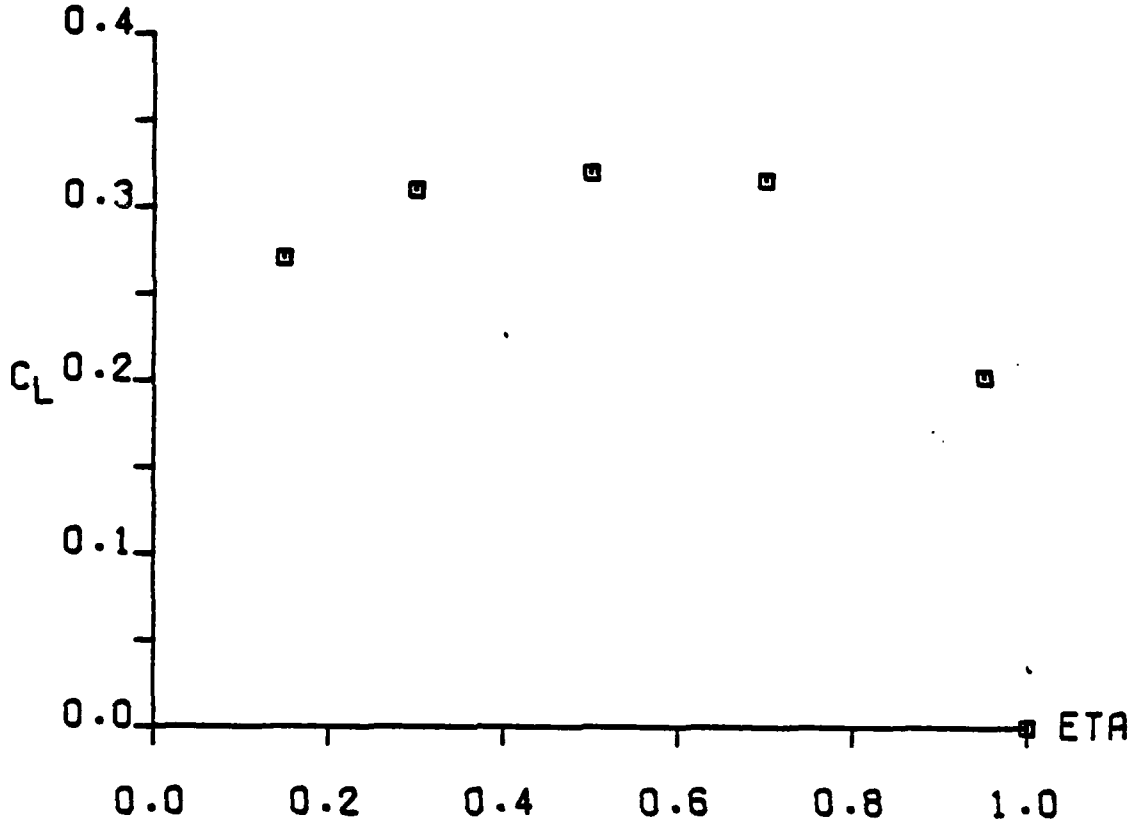

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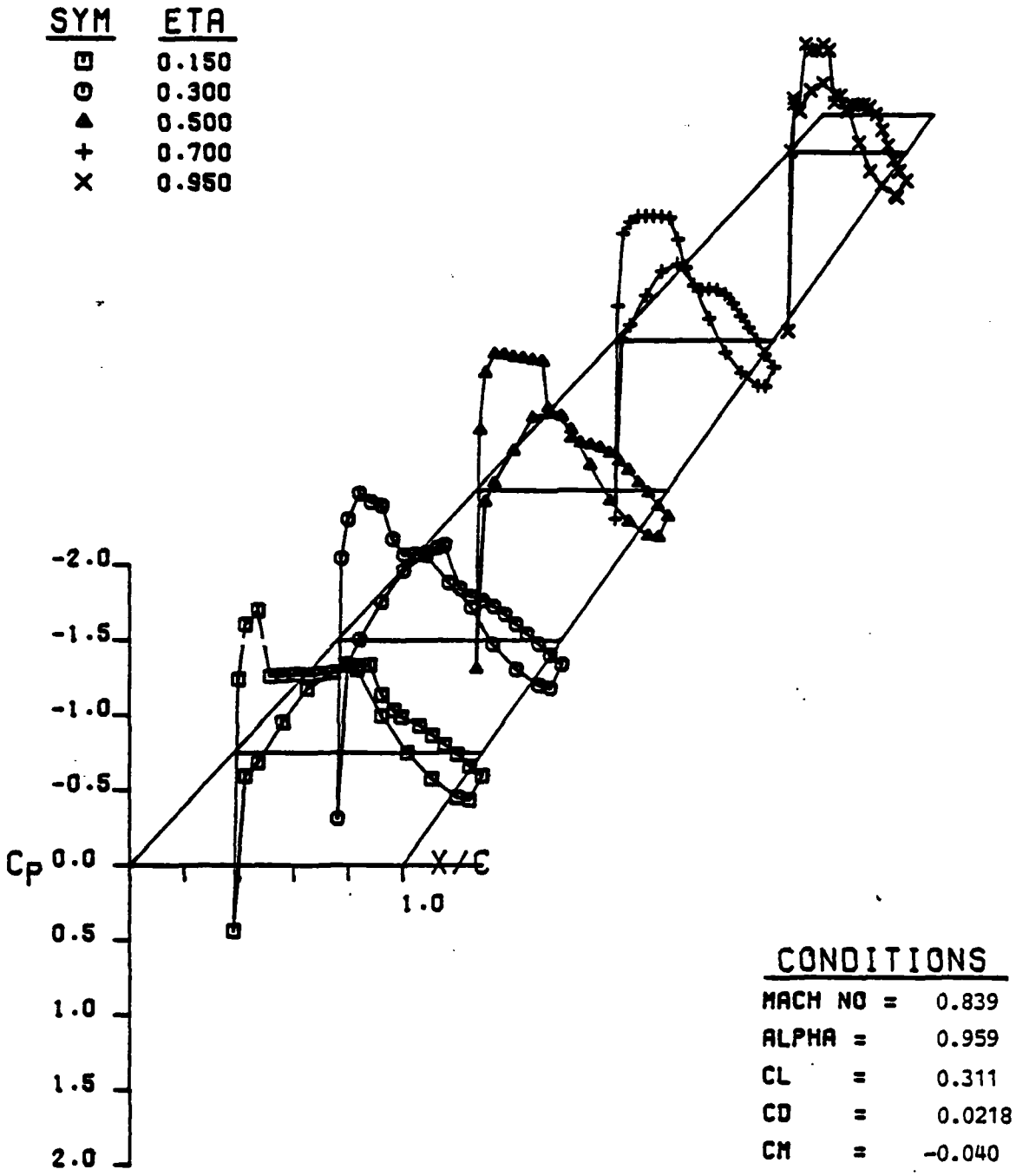

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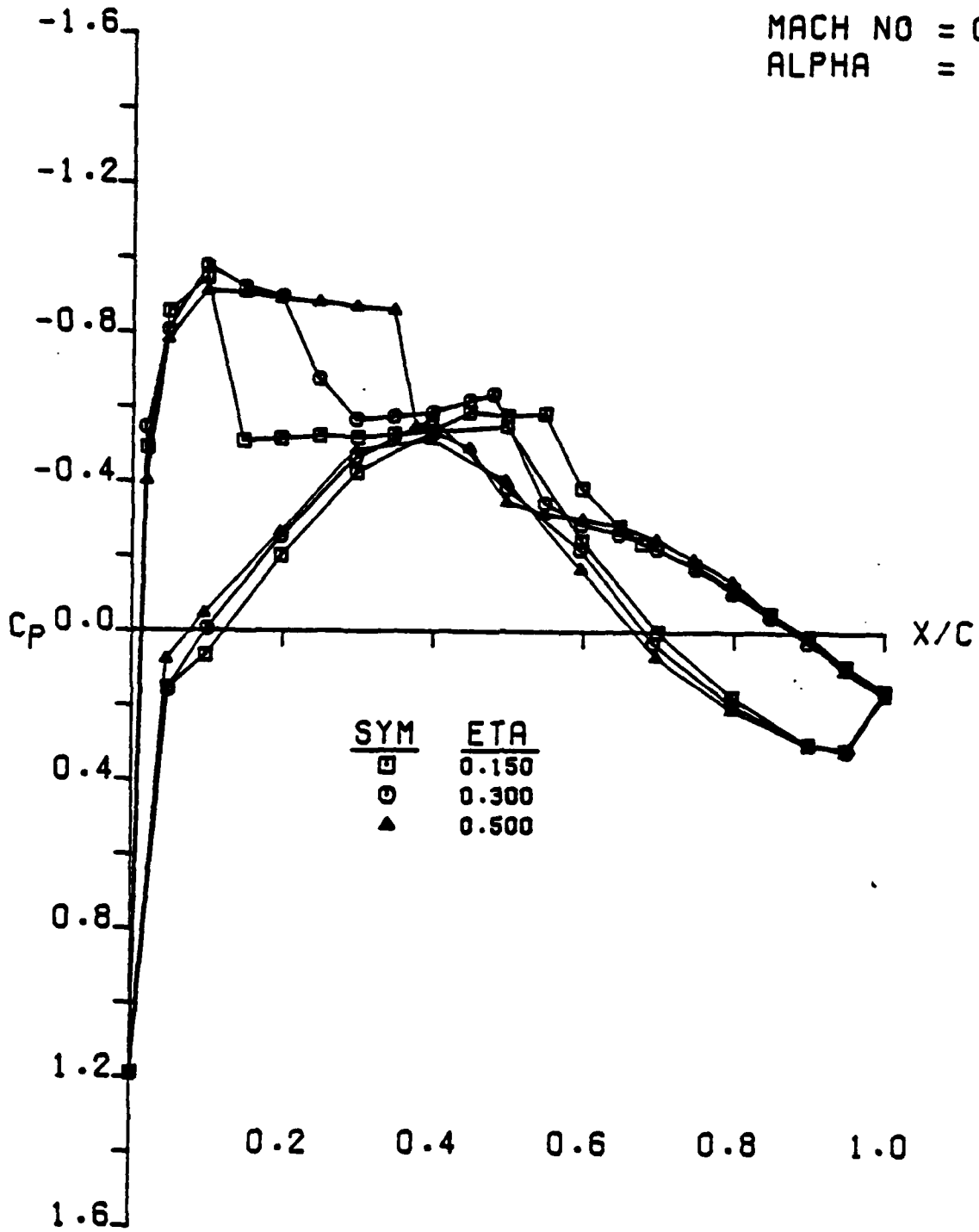

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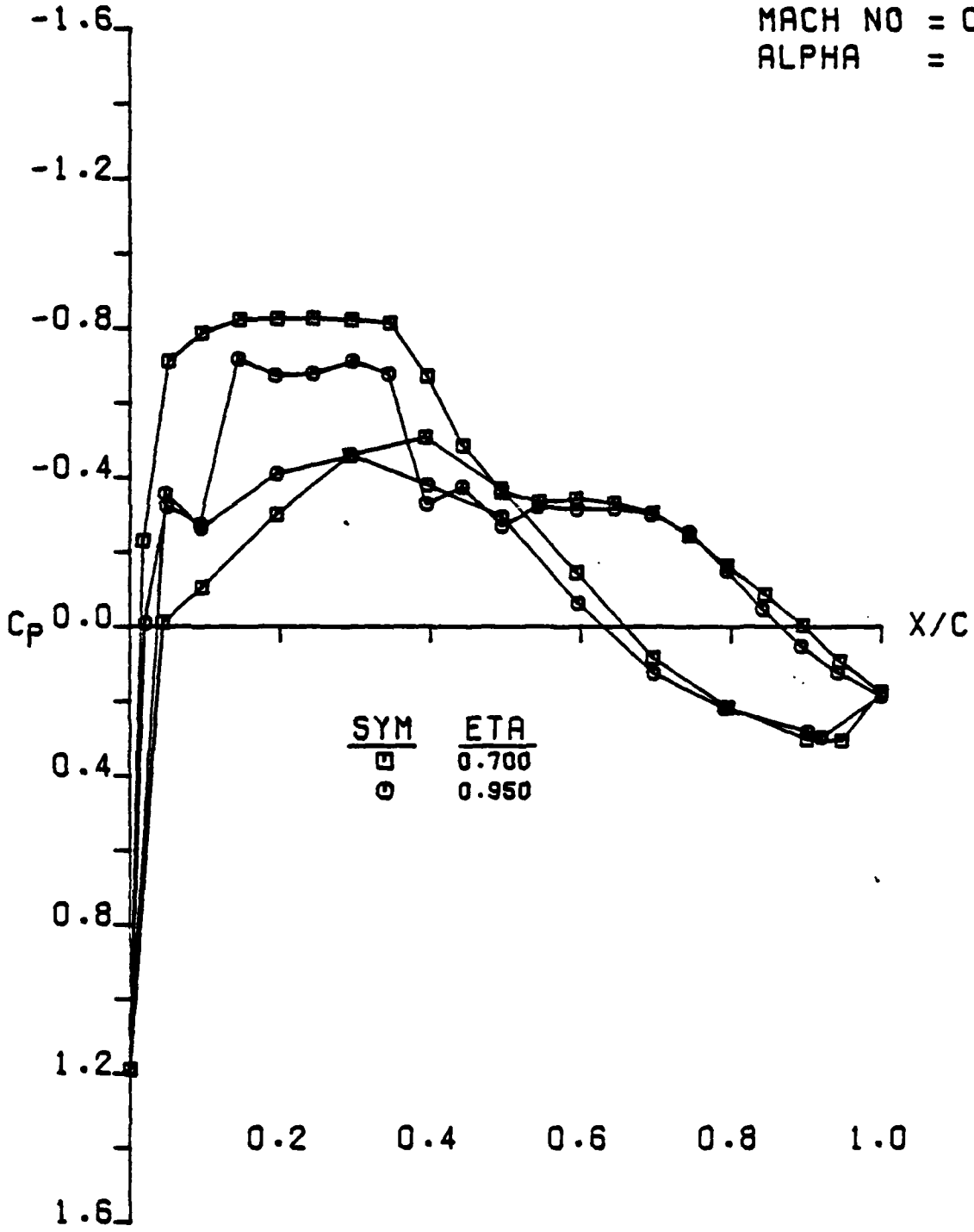

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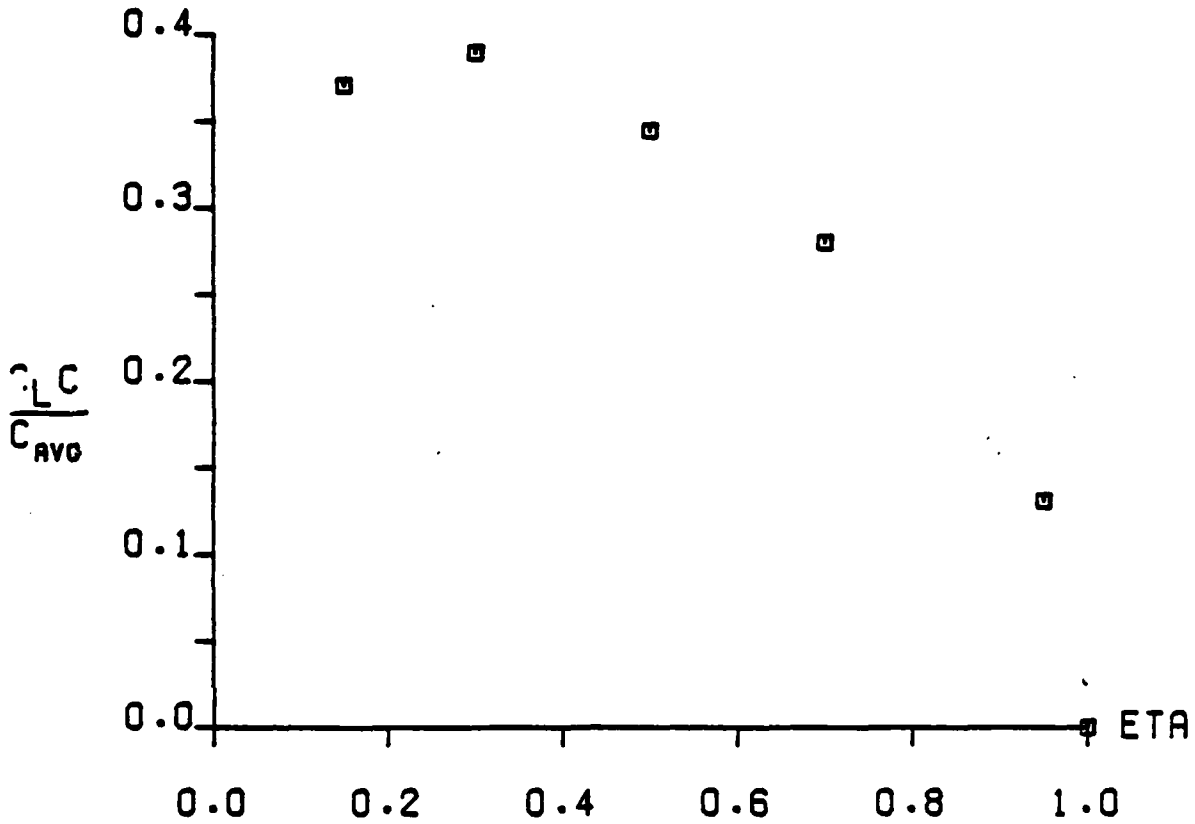

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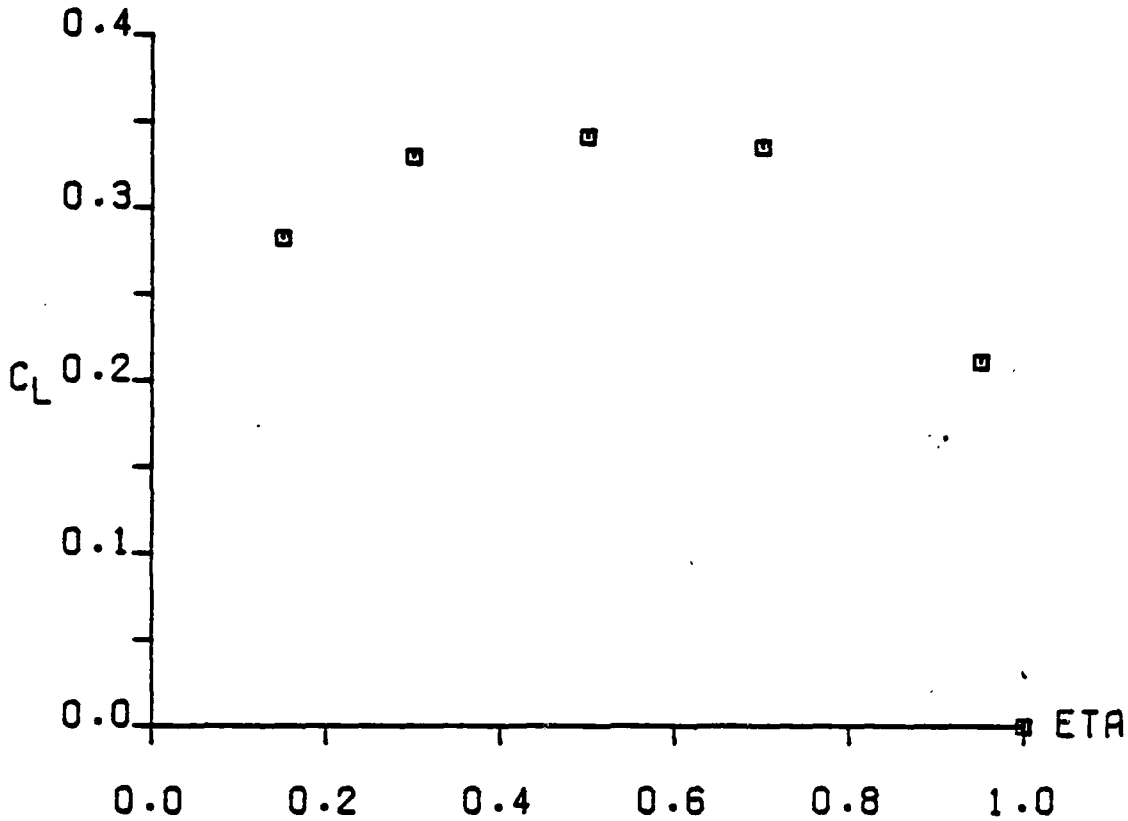

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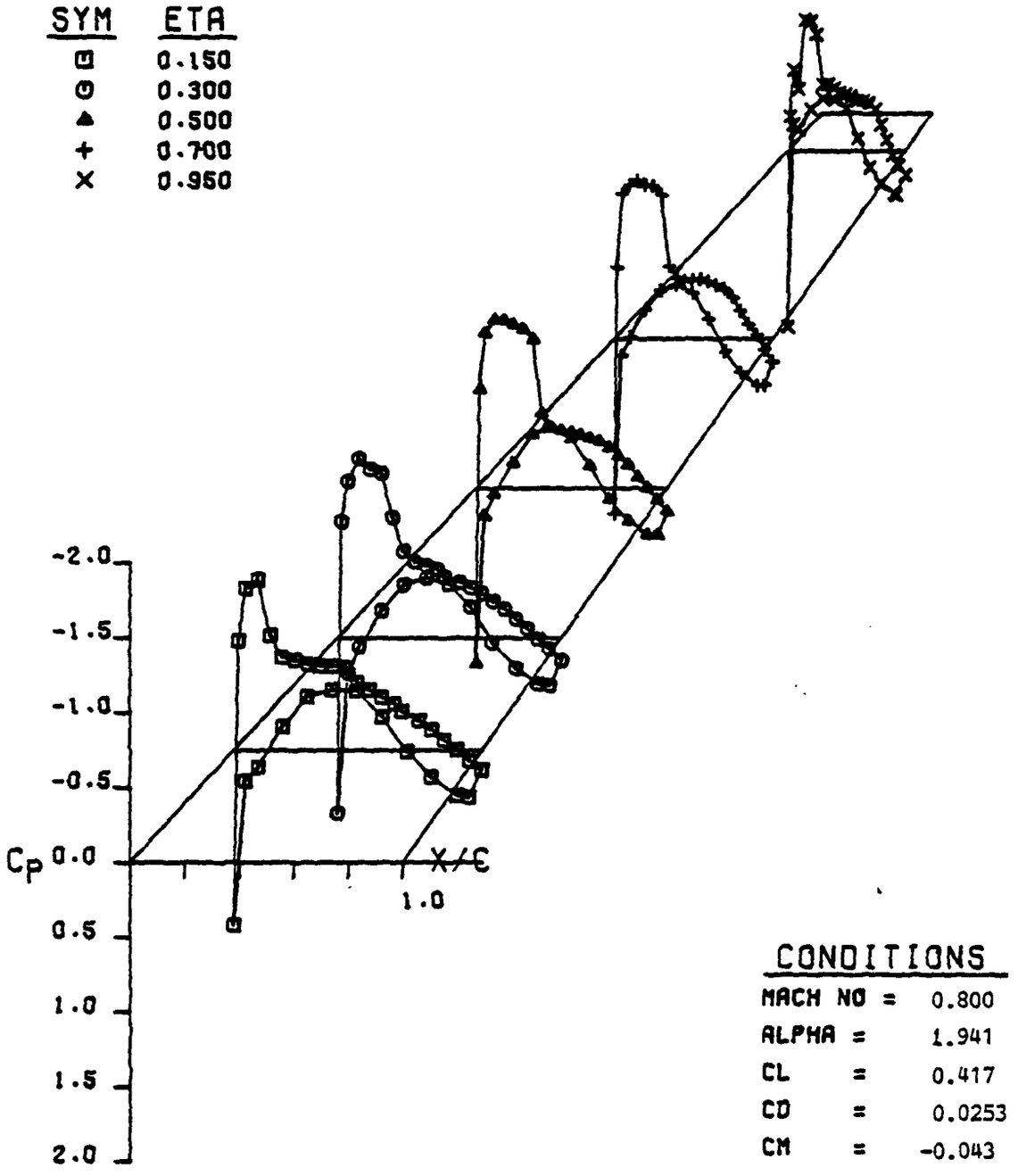

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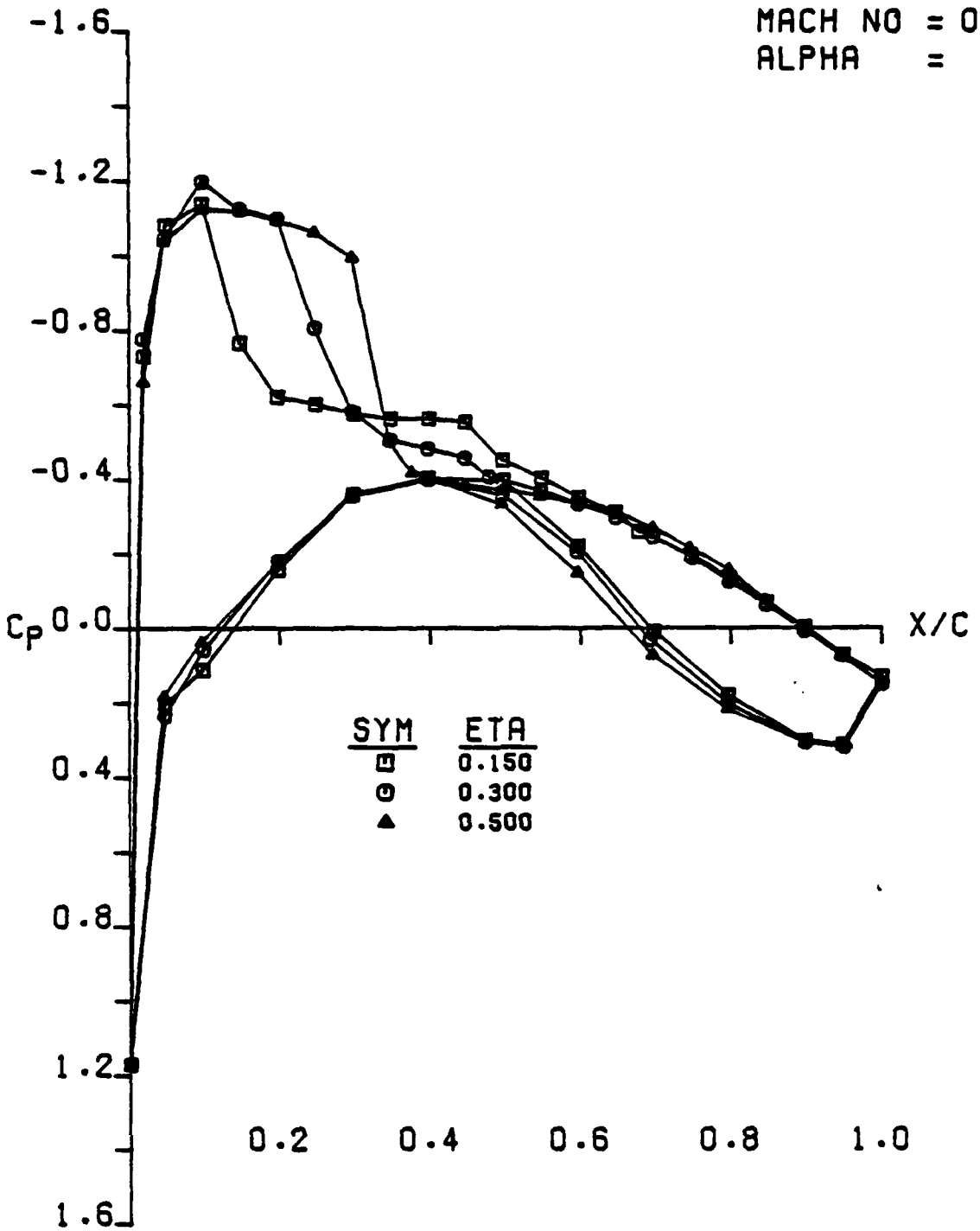

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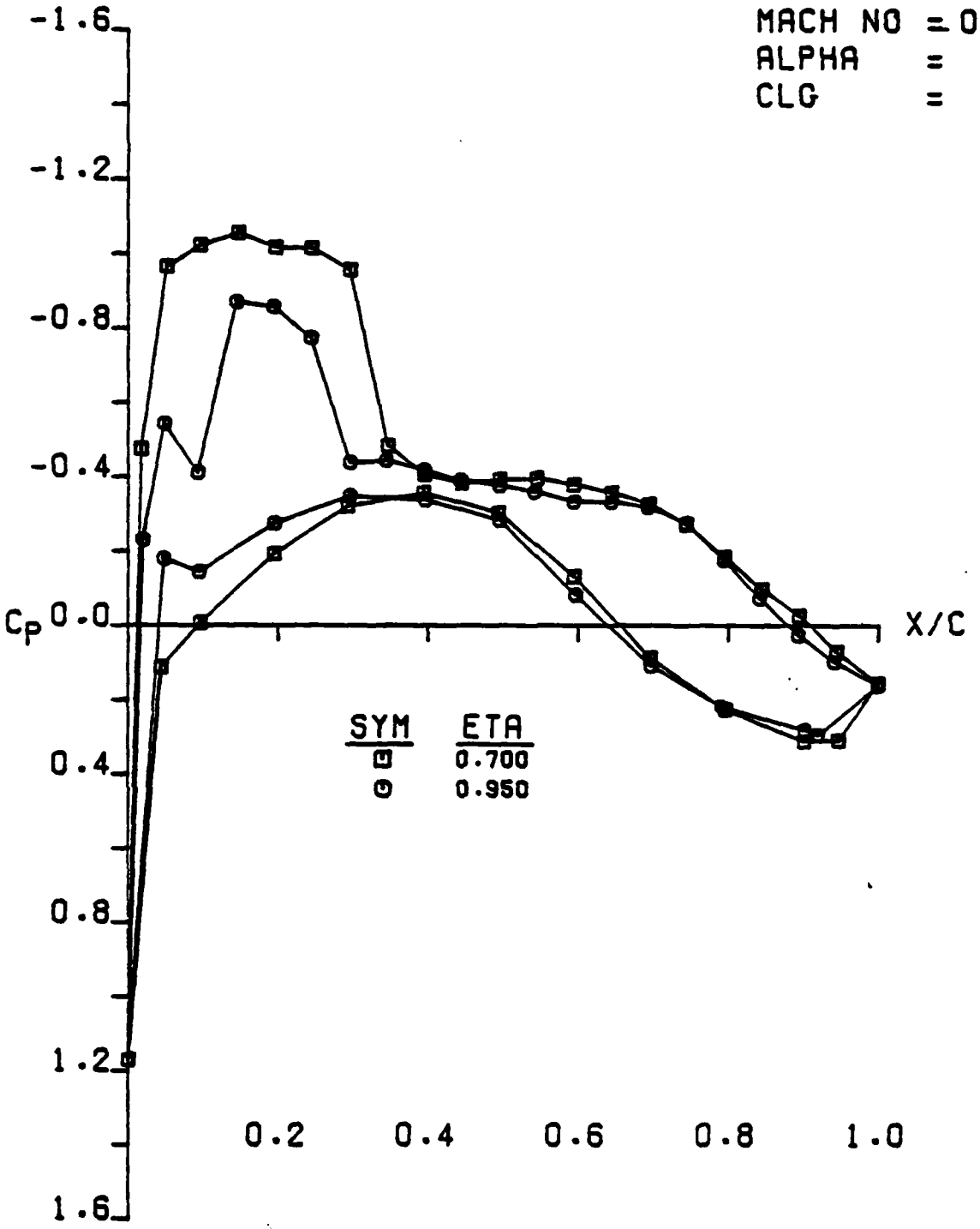

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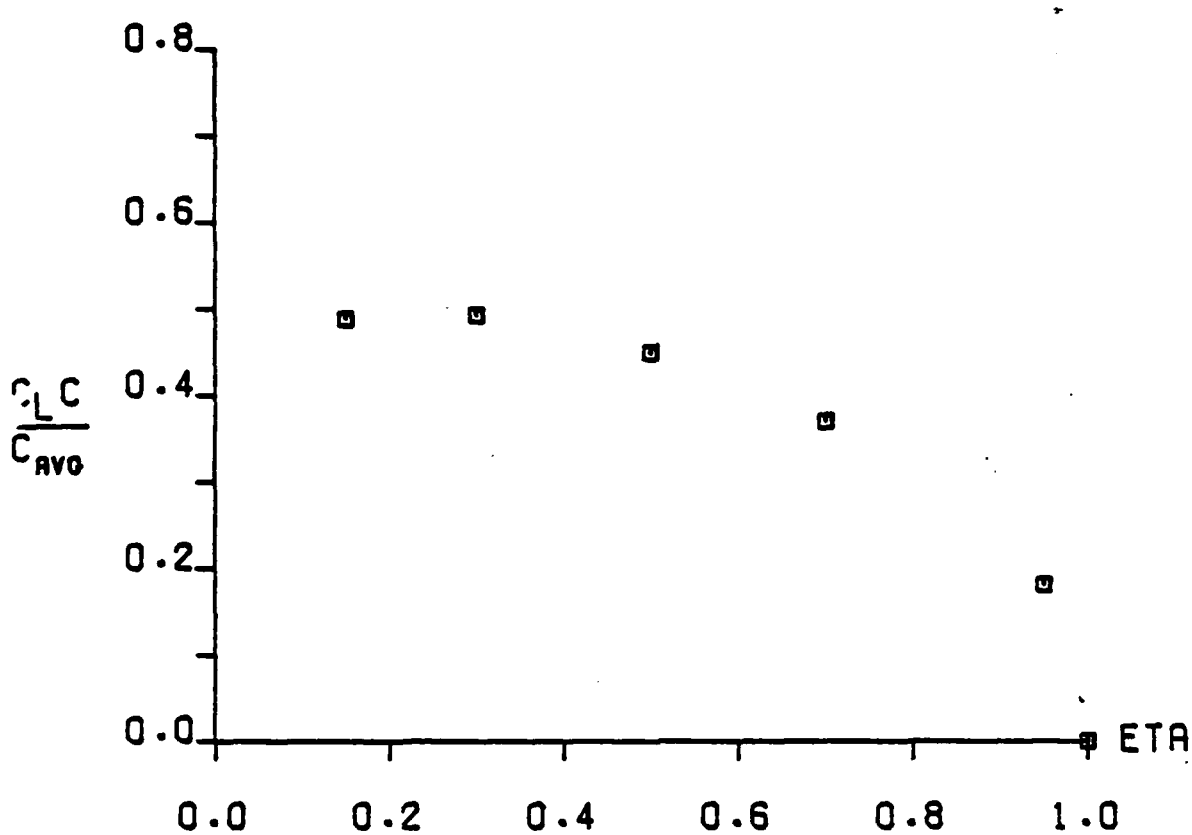

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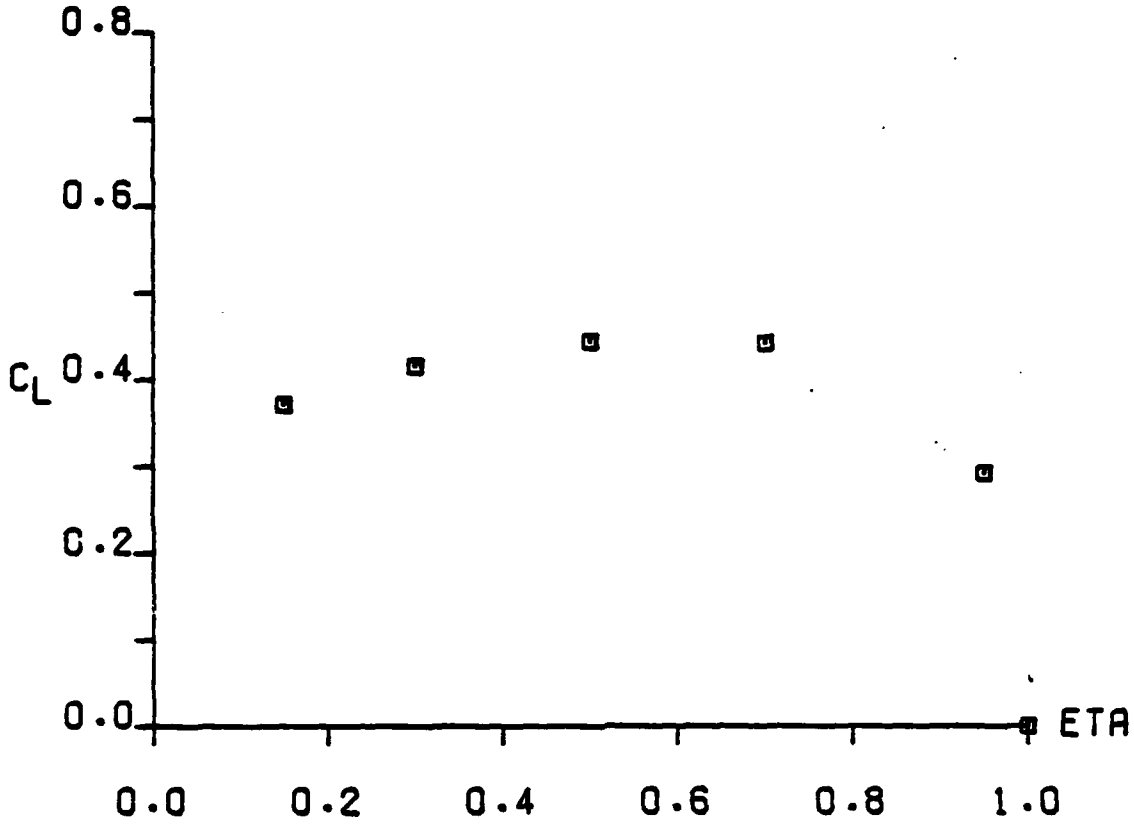

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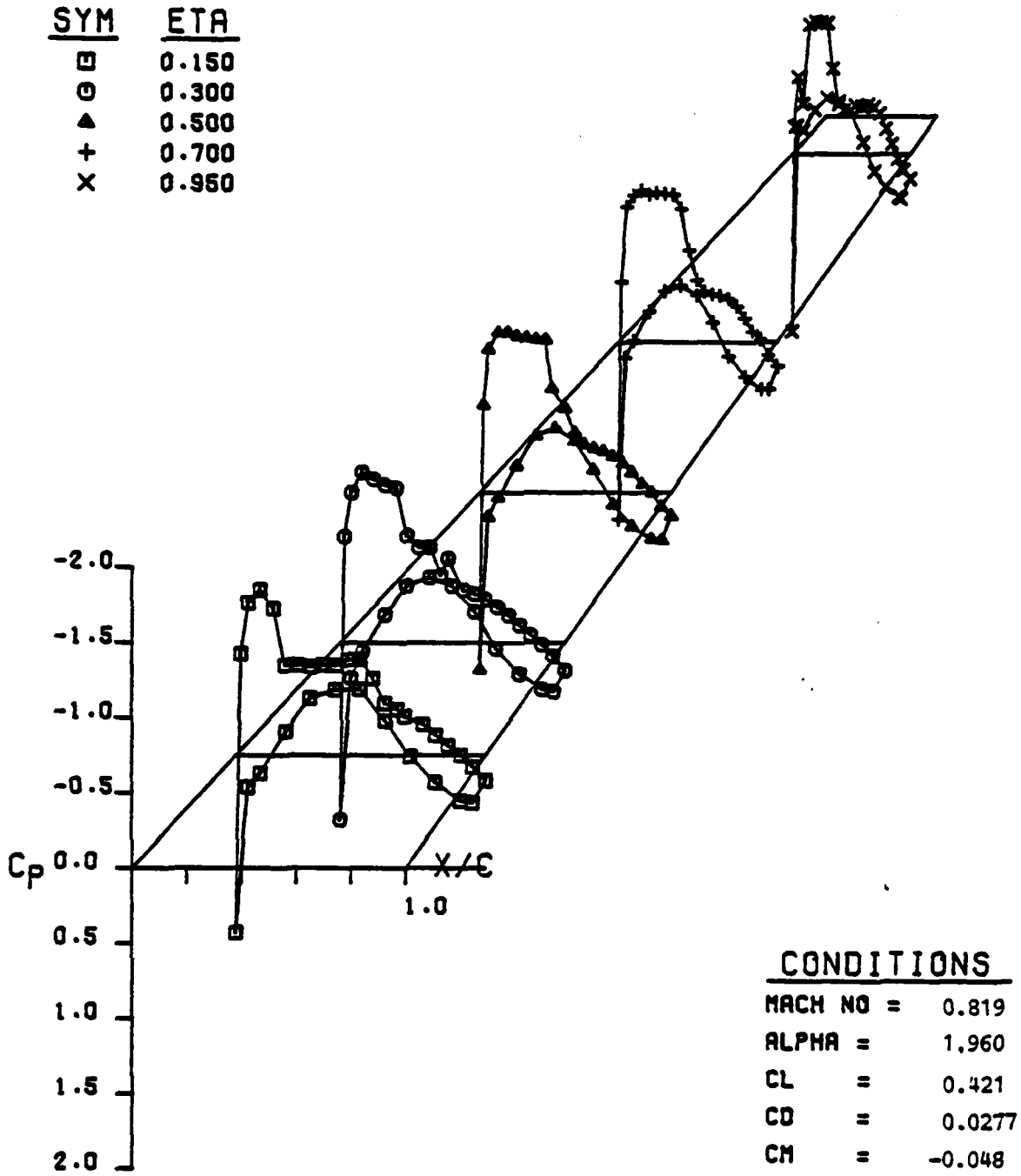

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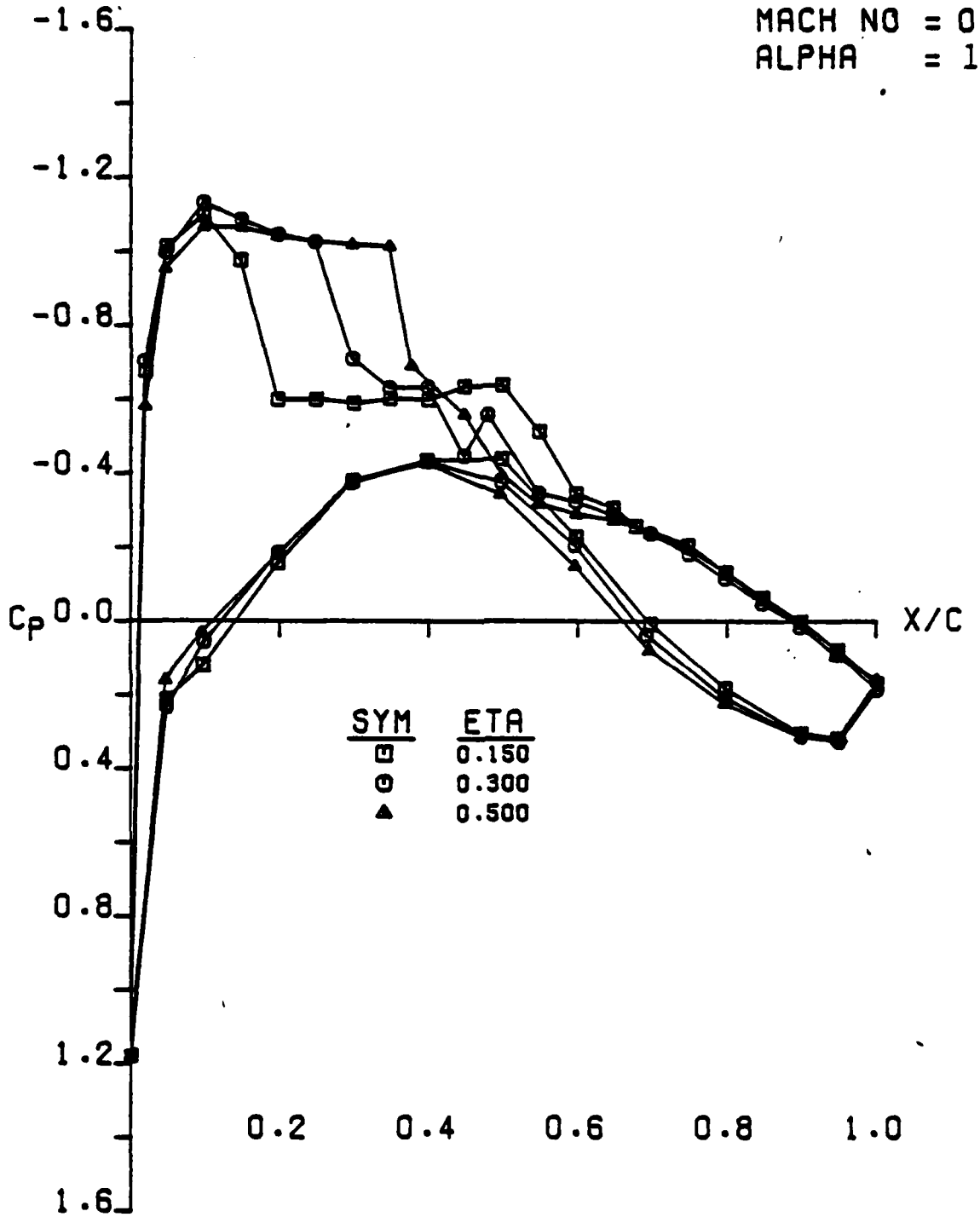

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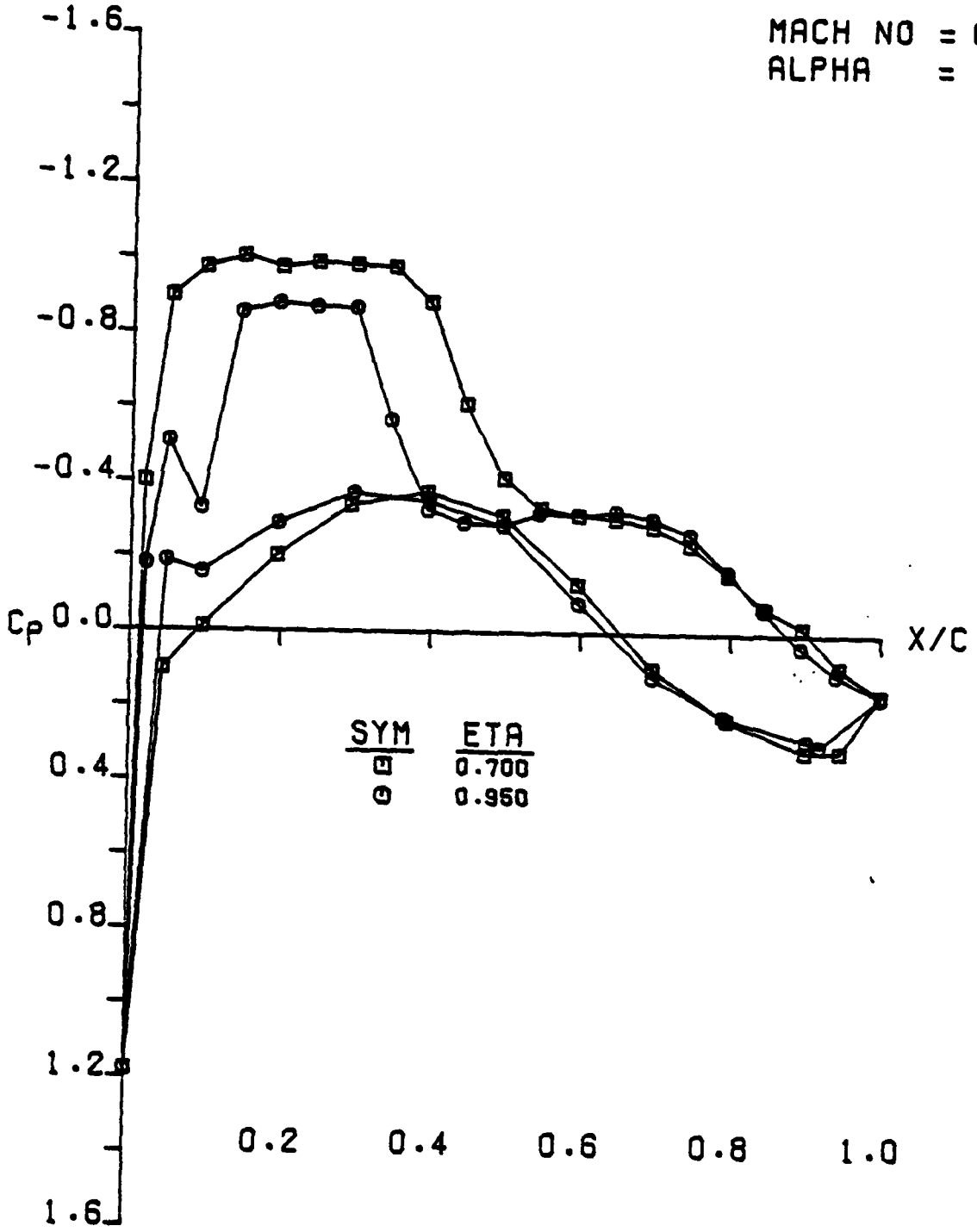

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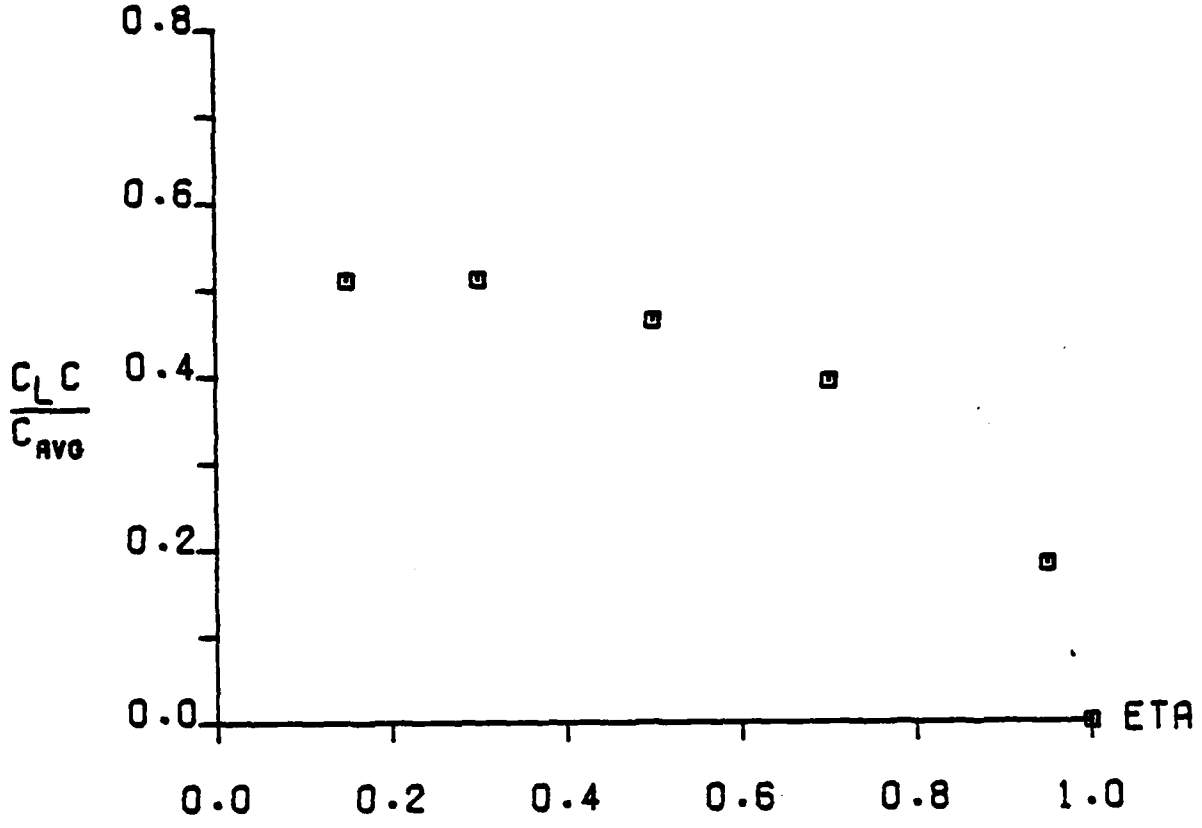

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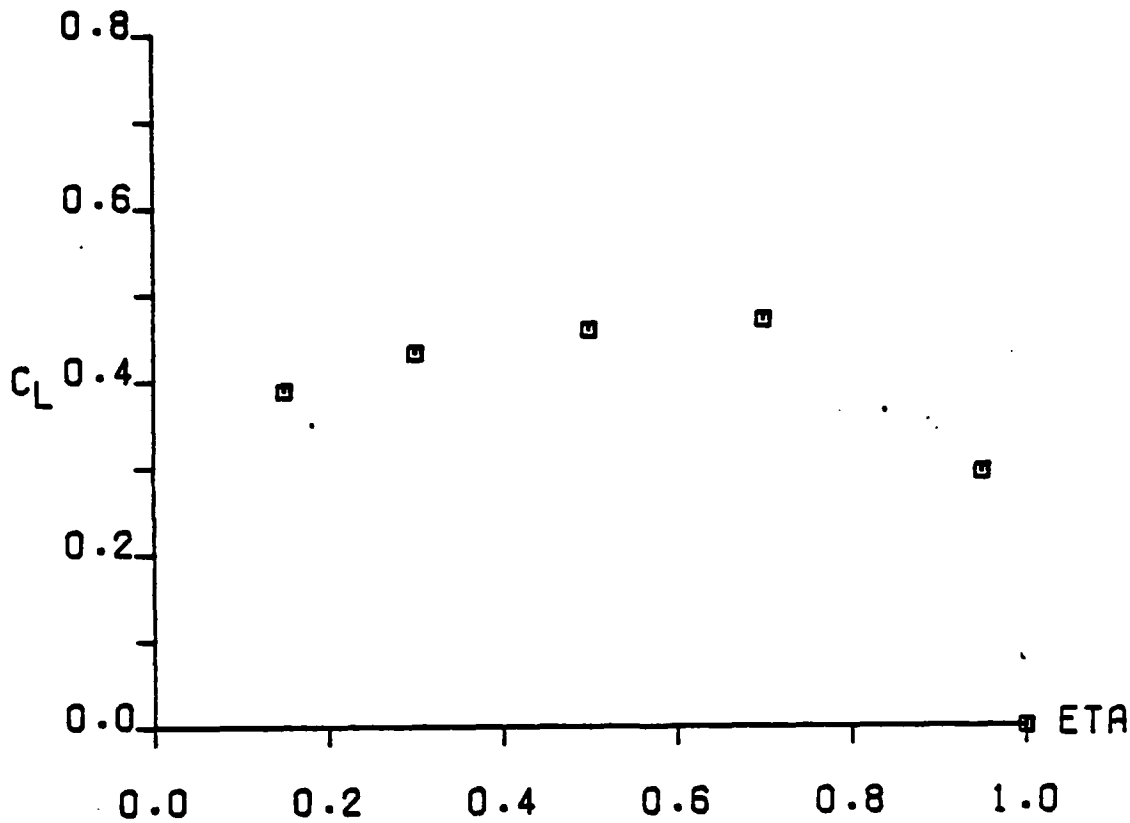

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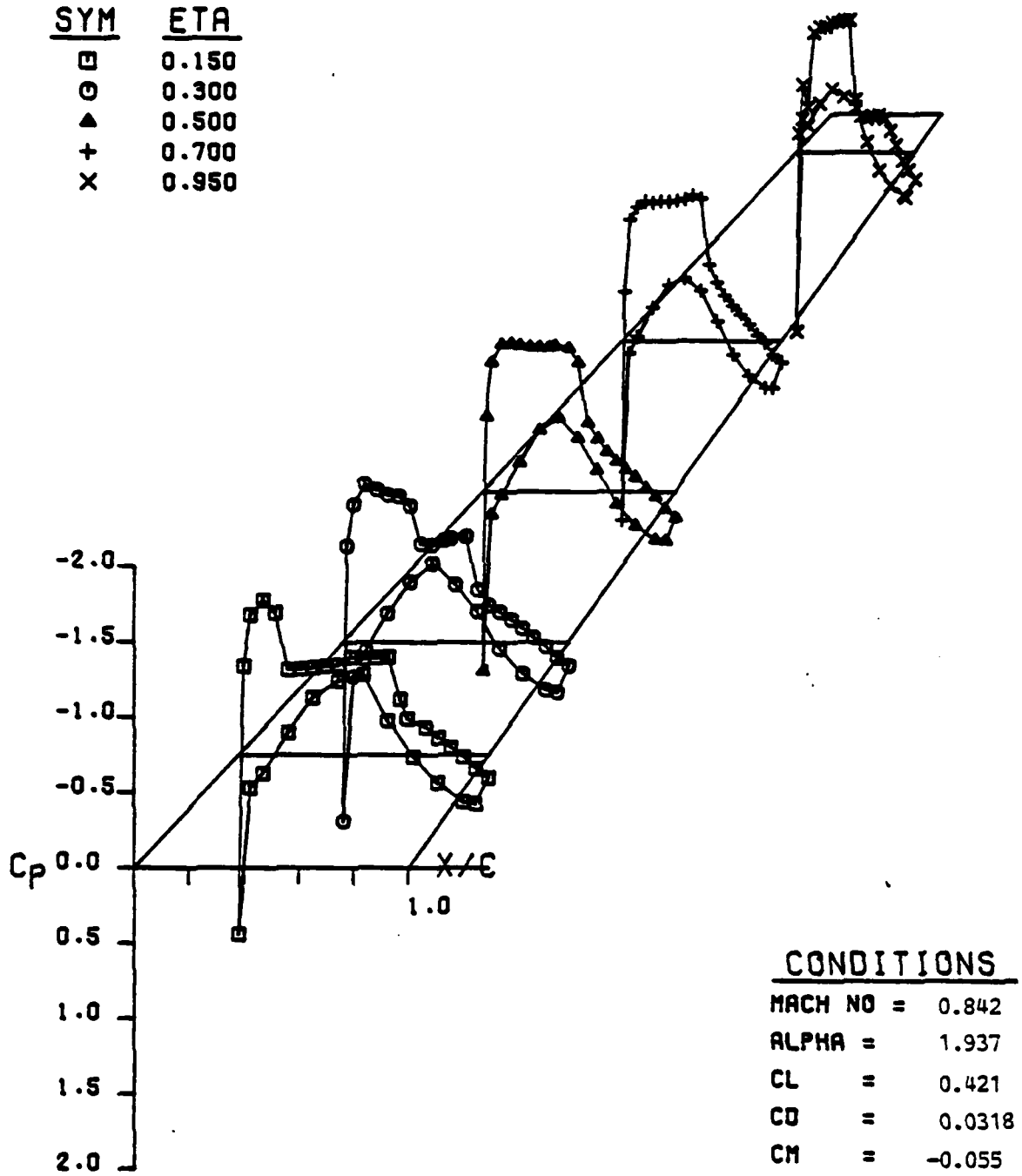

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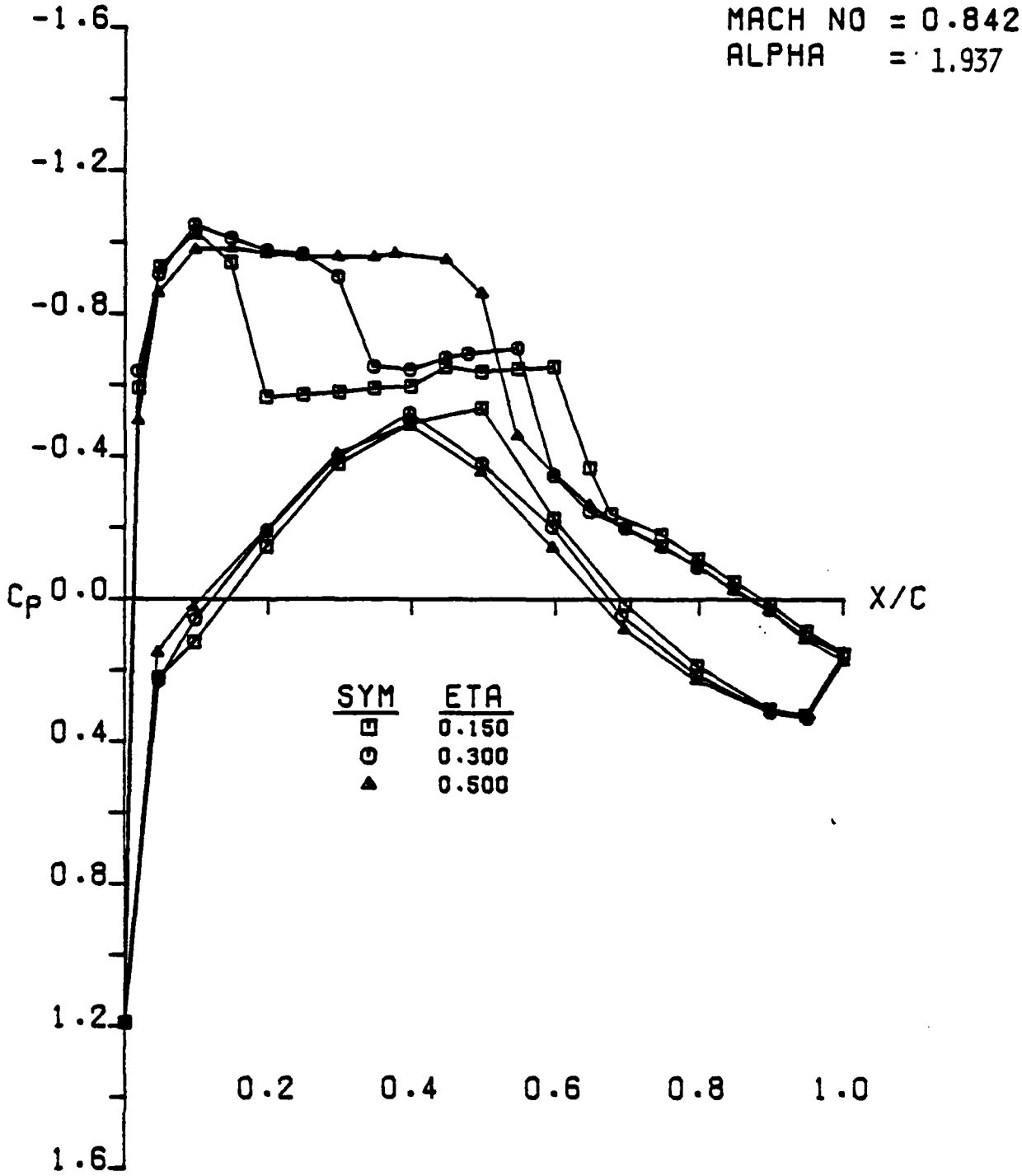
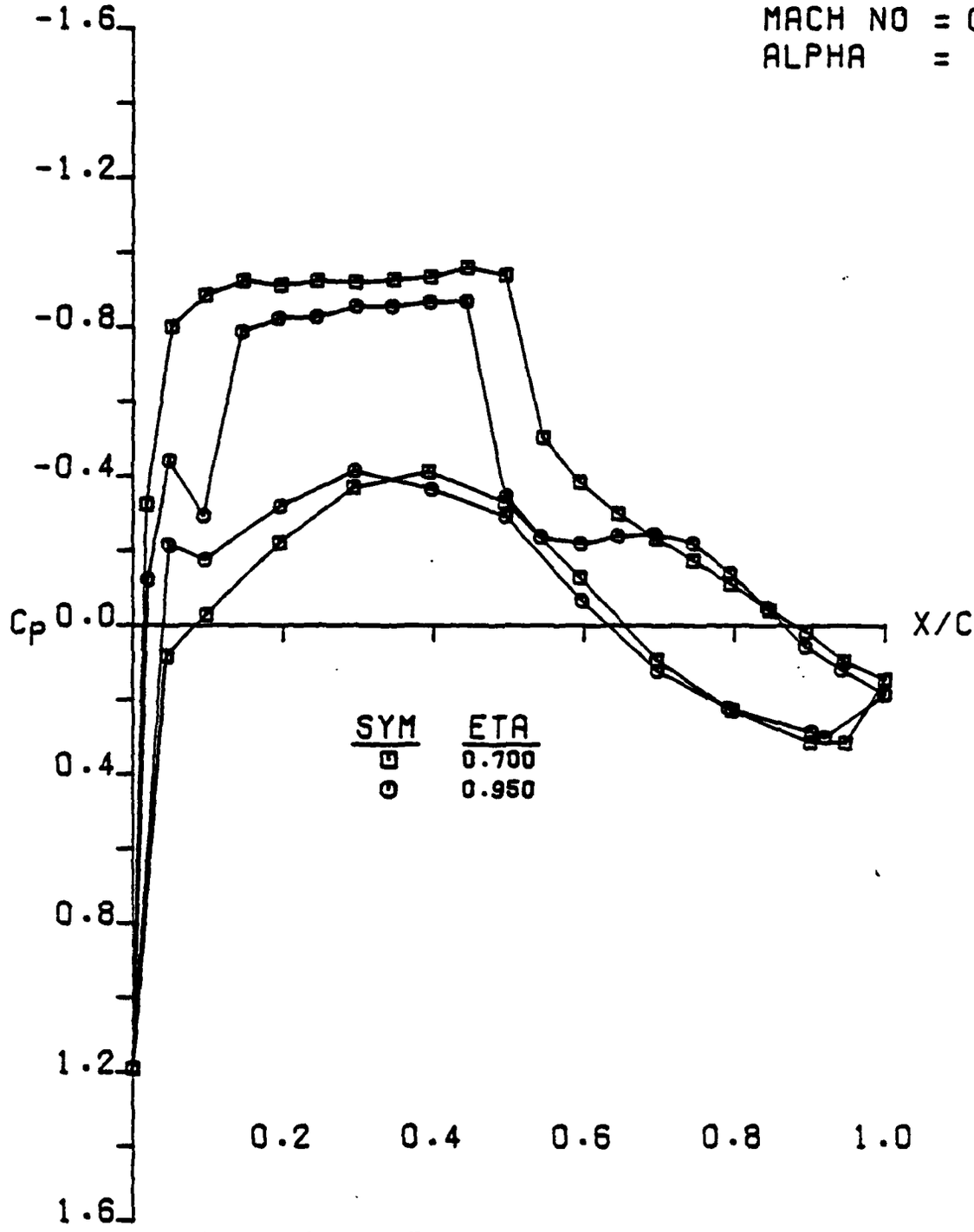
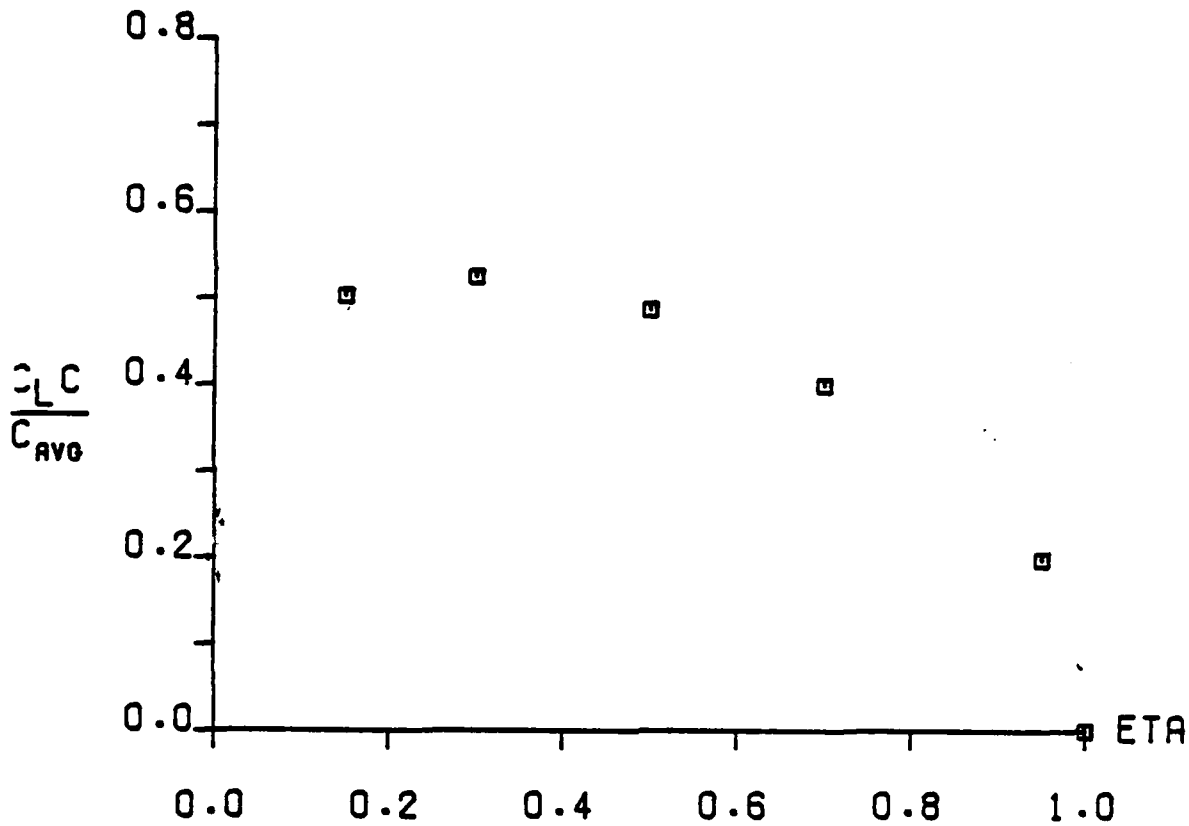


LOCKHEED CFWT SEMI-SPAN TEST. RUN 38
TITLE
AFOSR SEMISPAN MODEL A



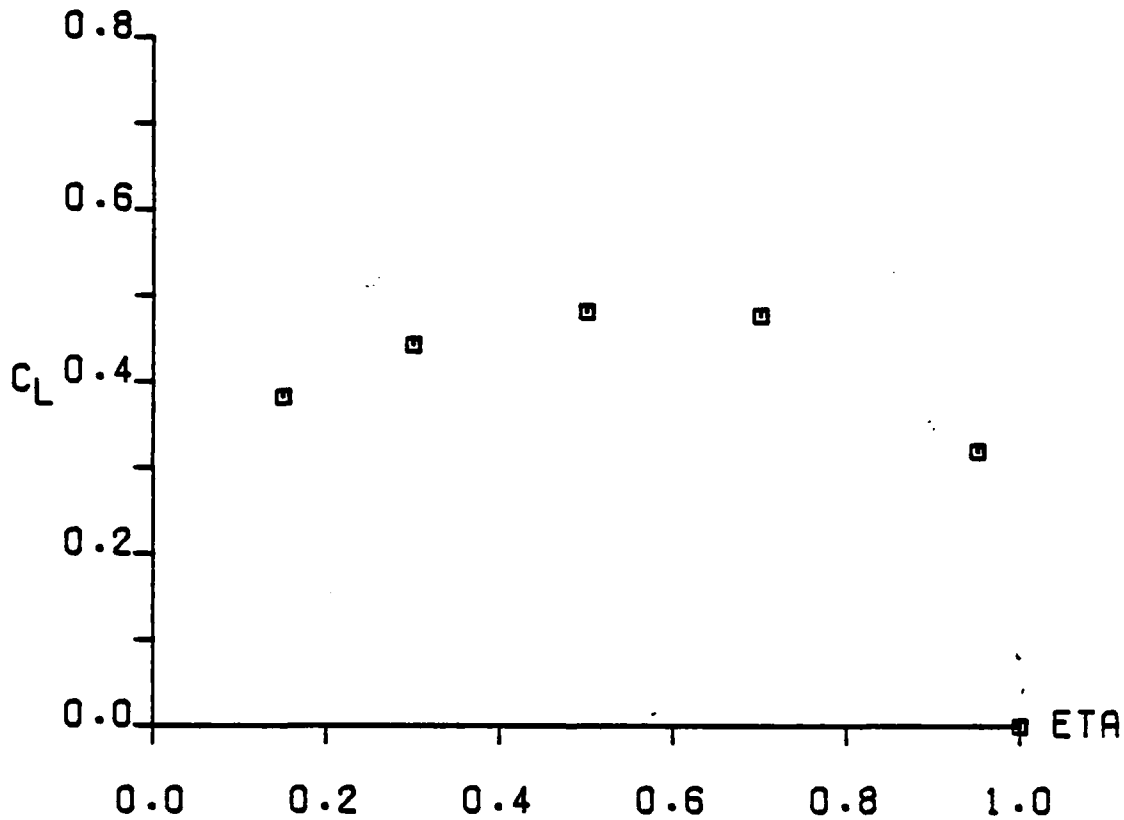
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
TITLE
AFOSR SEMISPAN MODEL A

MACH NO = 0.842
ALPHA = 1.937

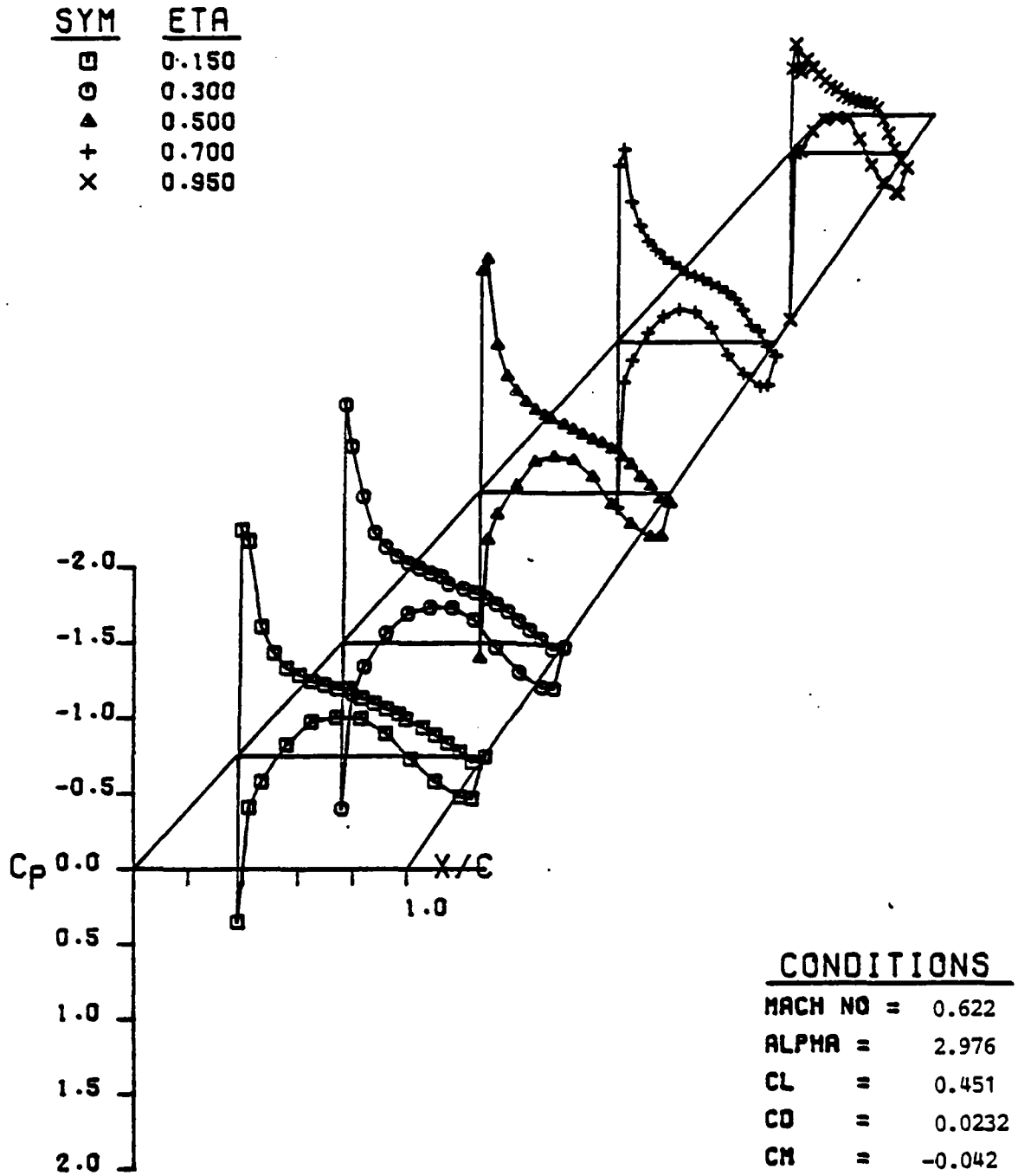


LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
TITLE
AFOSR SEMISPAN MODEL A

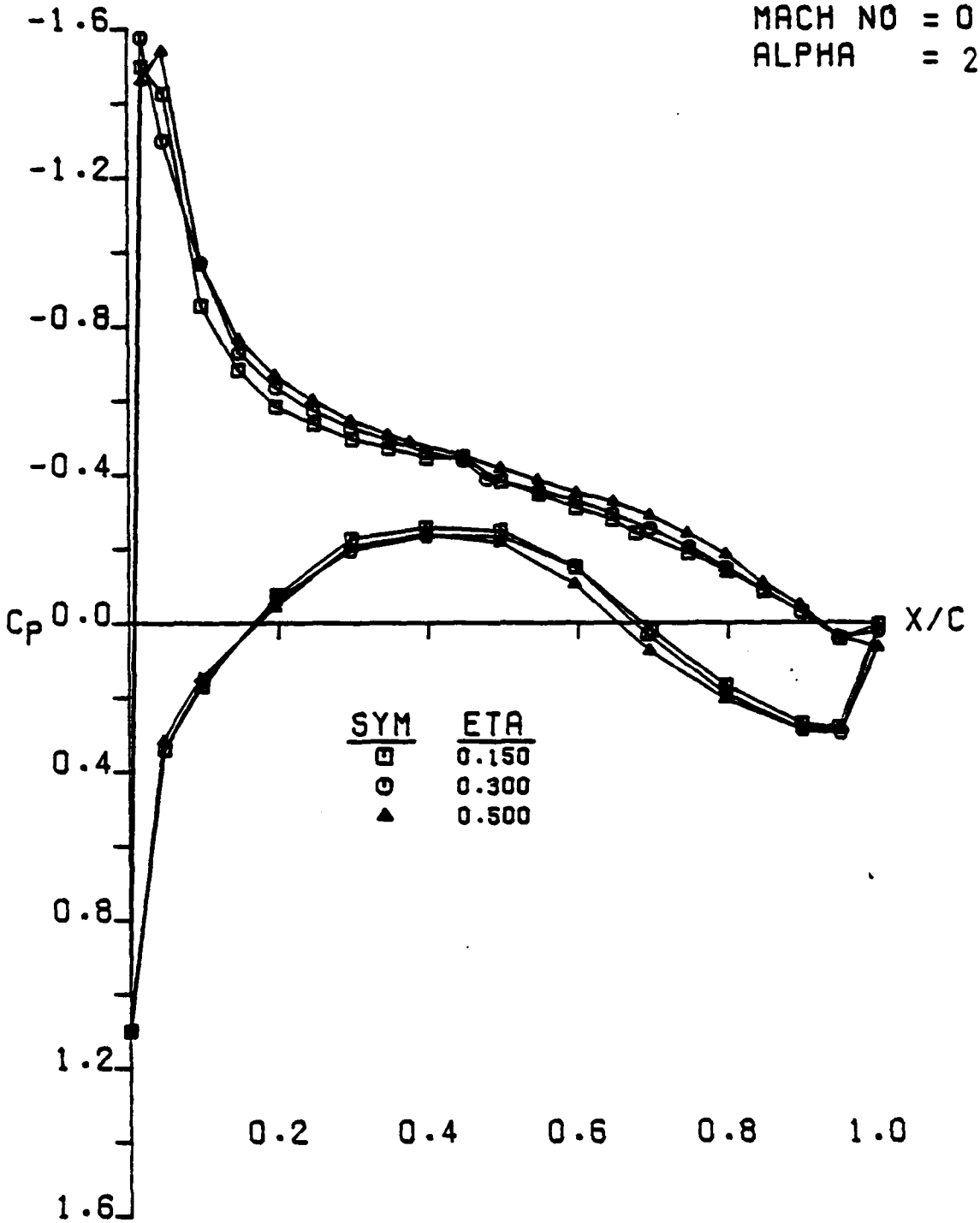
MACH NO = 0.842
ALPHA = 1.937



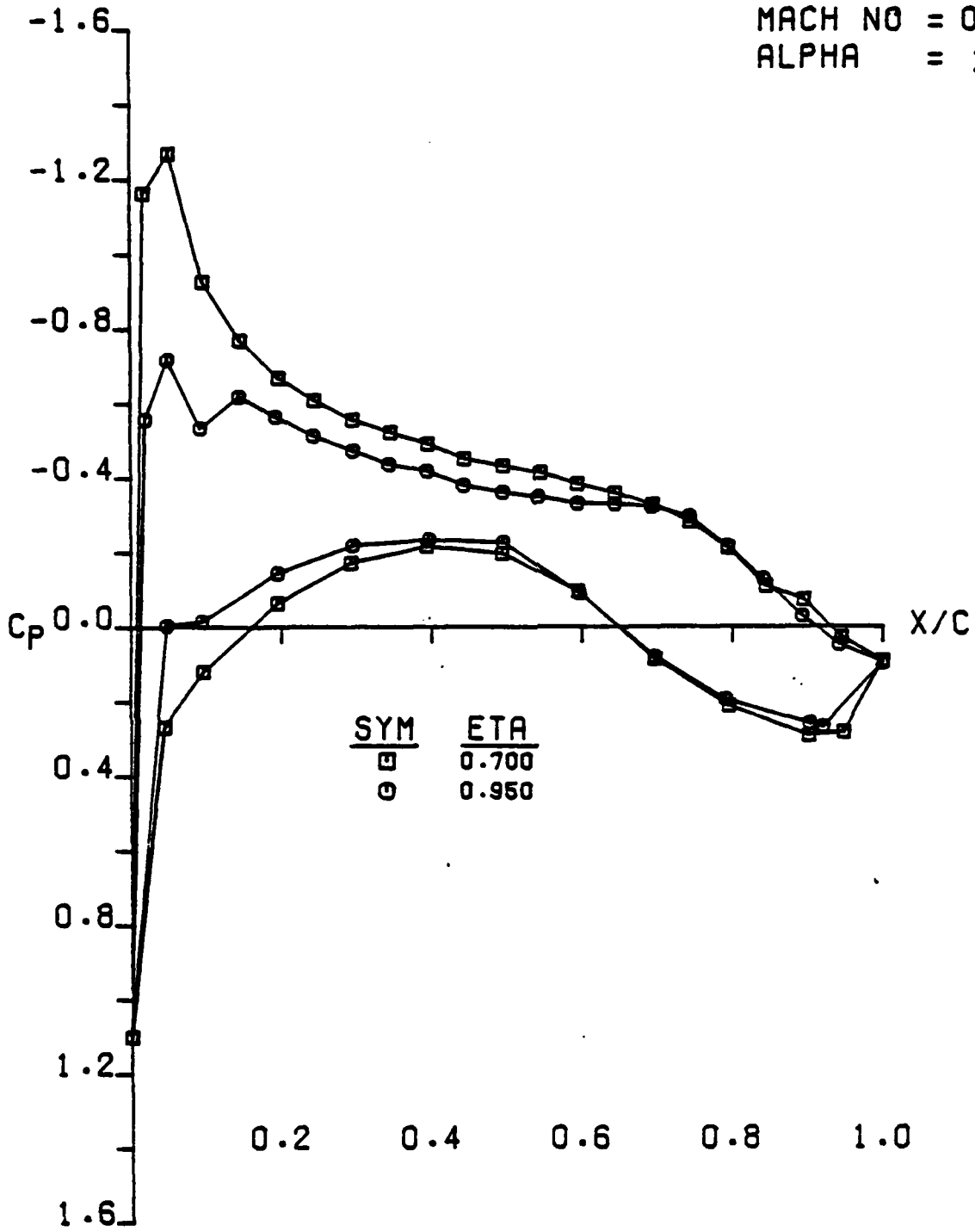
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
TITLE
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 18
TITLE
AFOSR SEMISPAN MODEL A

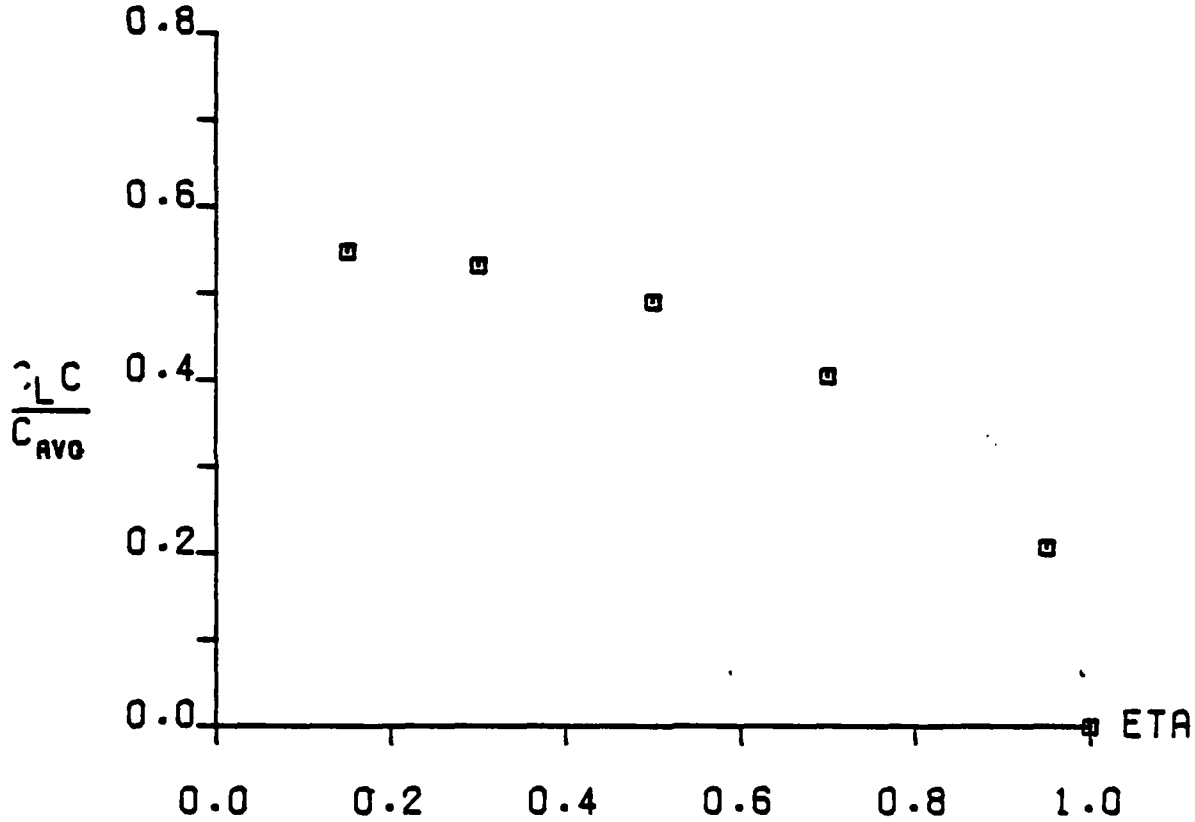


LOCKHEED CFWT SEMI-SPAN TEST, RUN 18
TITLE
AFOSR SEMISPAN MODEL A



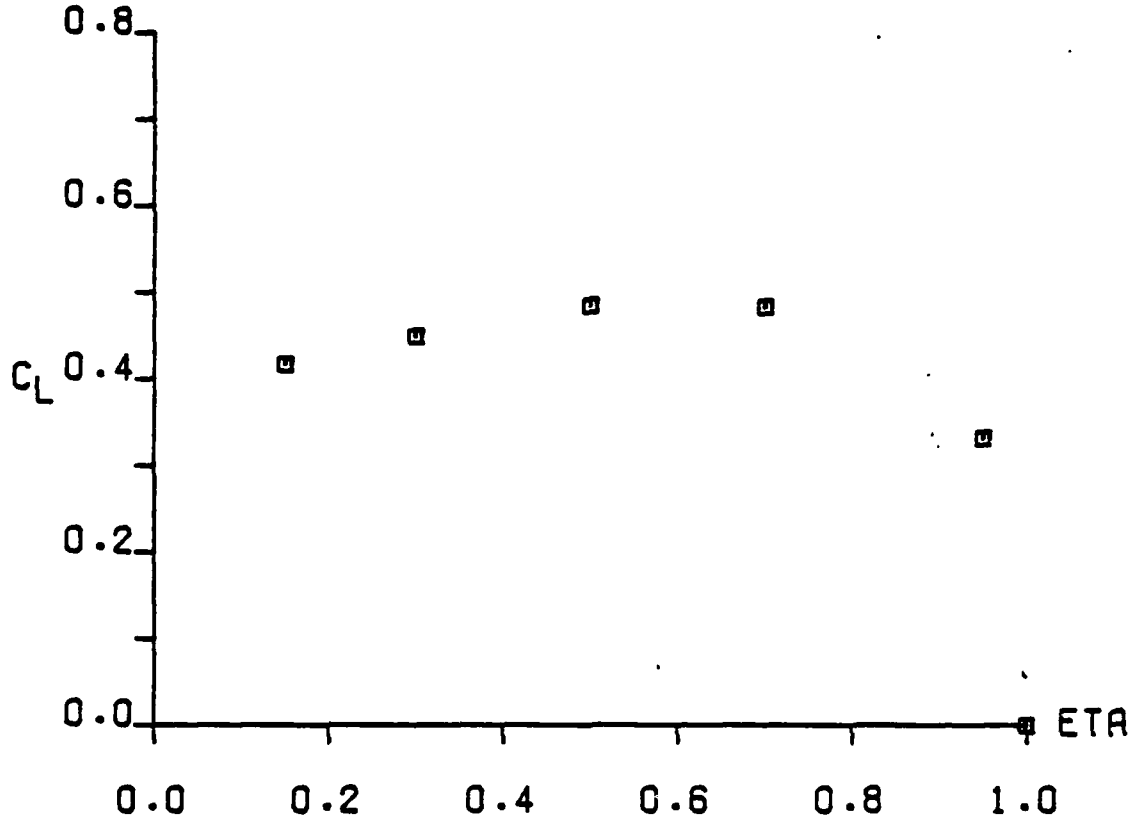
LOCKHEED CFWT SEMI-SPAN TEST, RUN 18
TITLE
AFOSR SEMISPAN MODEL A

MACH NO = 0.622
ALPHA = 2.9761

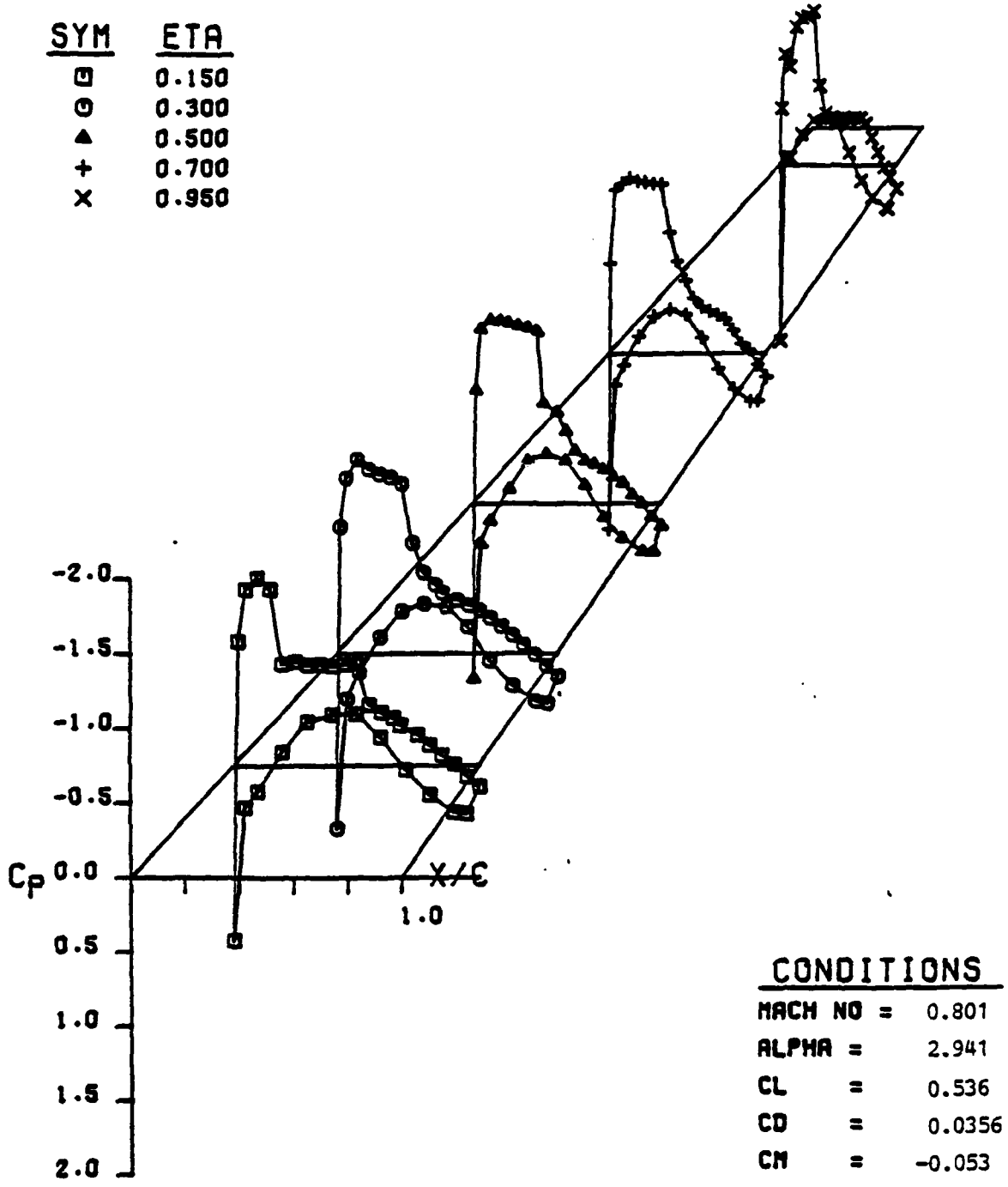


LOCKHEED CFWT SEMI-SPAN TEST, RUN 18
TITLE
AFOSR SEMISPAN MODEL A

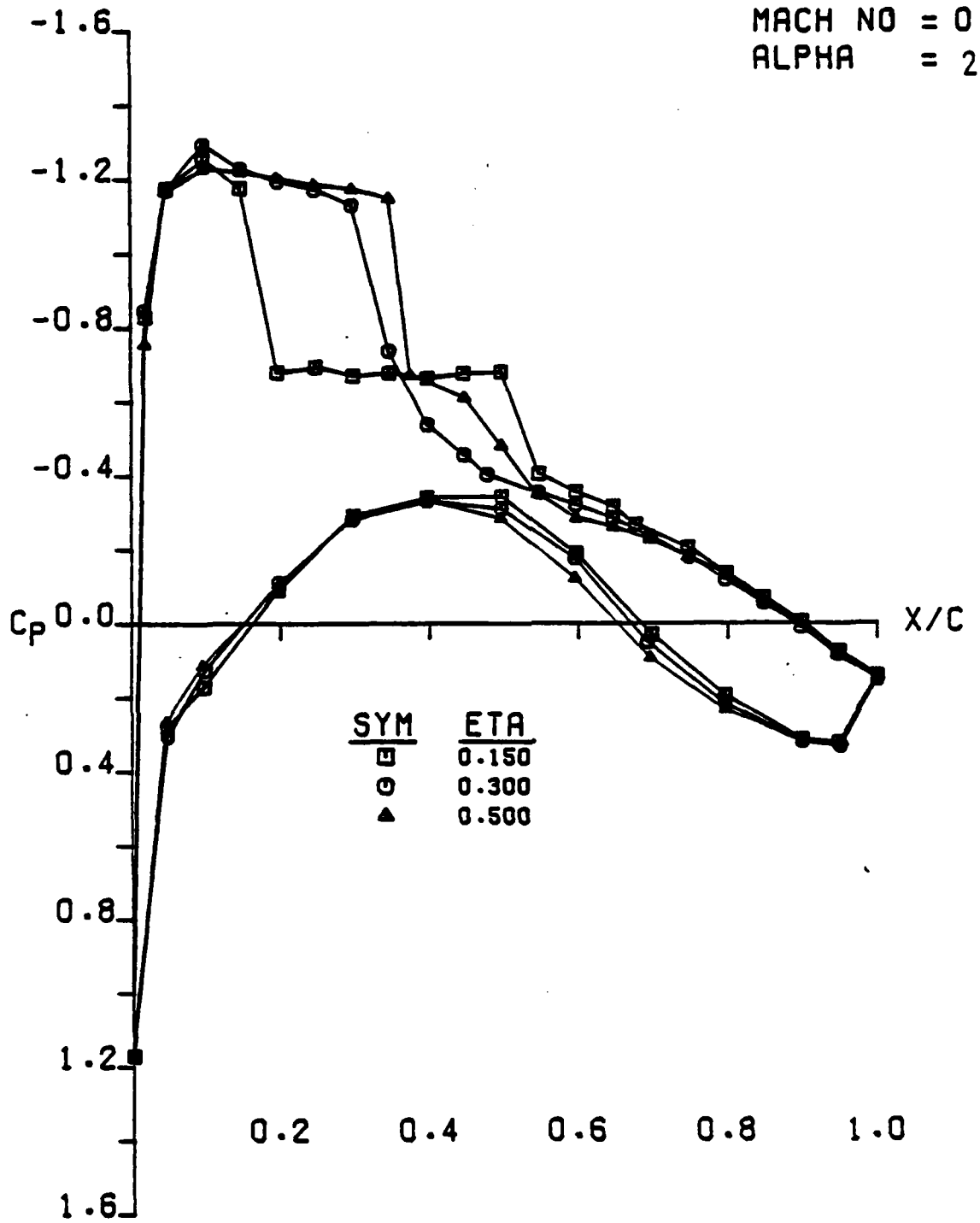
MACH NO = 0.622
ALPHA = 2.976



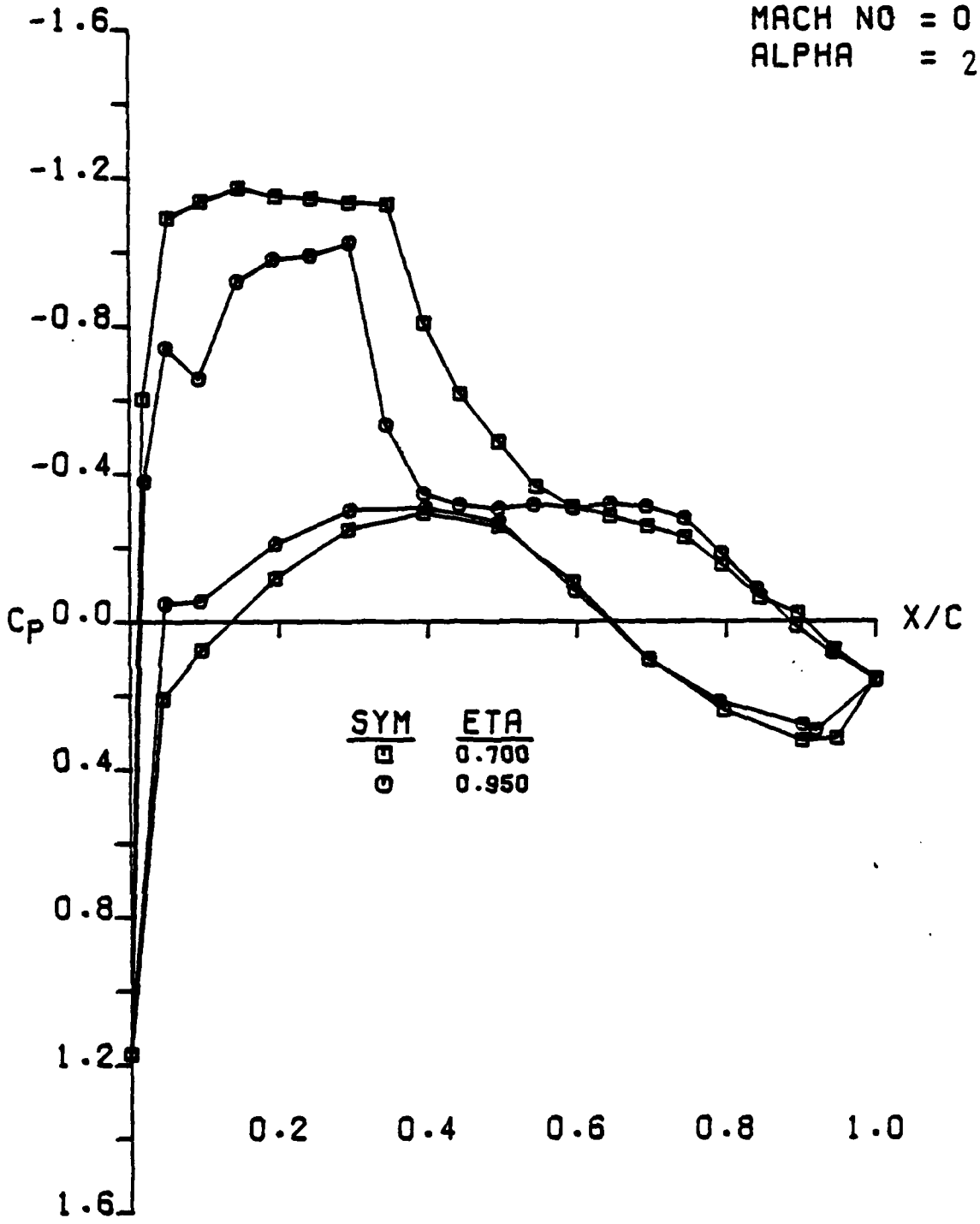
LOCKHEED CFWT SEMI-SPAN TEST, RUN 18
TITLE
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
TITLE
AFOSR SEMISPAN MODEL A

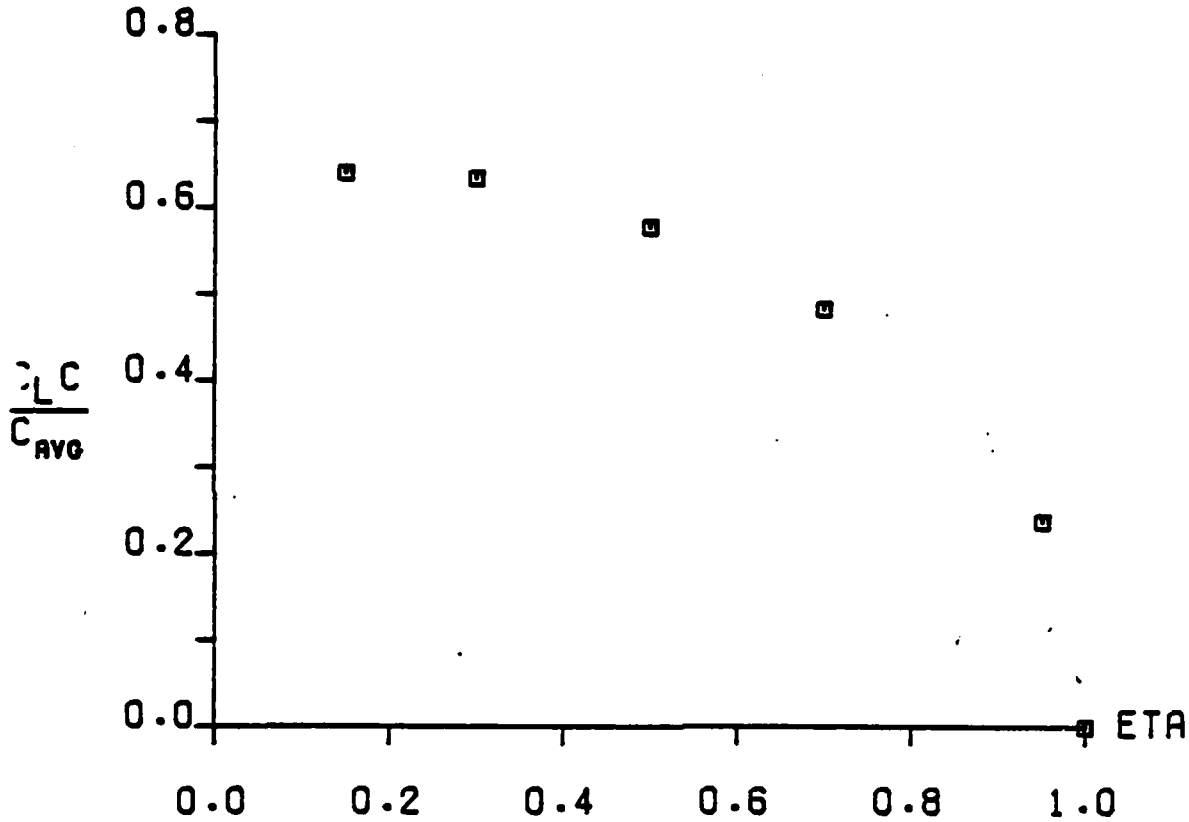


LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
TITLE
AFOSR SEMISPAN MODEL A

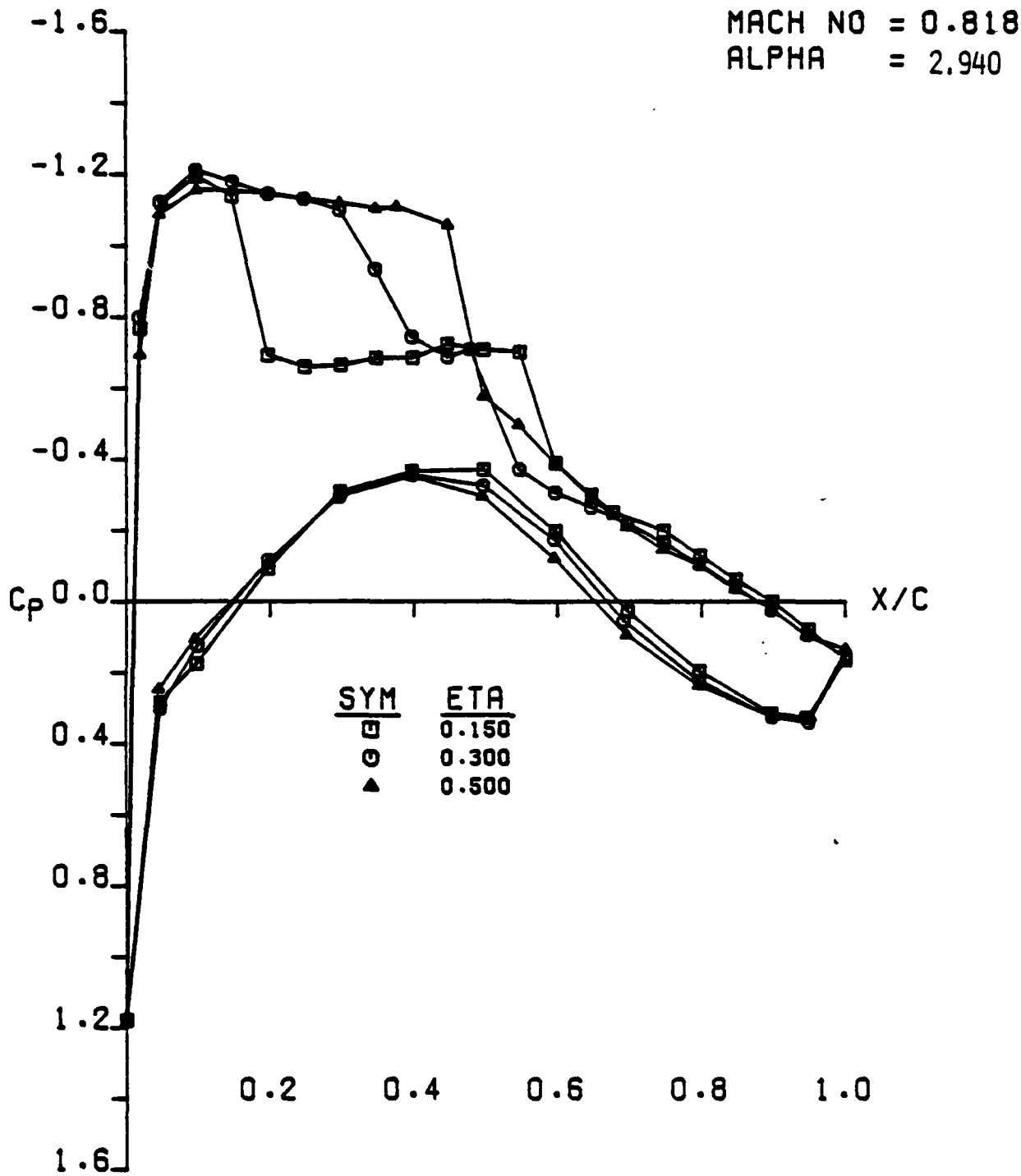


LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
TITLE
AFOSR SEMISPAN MODEL A

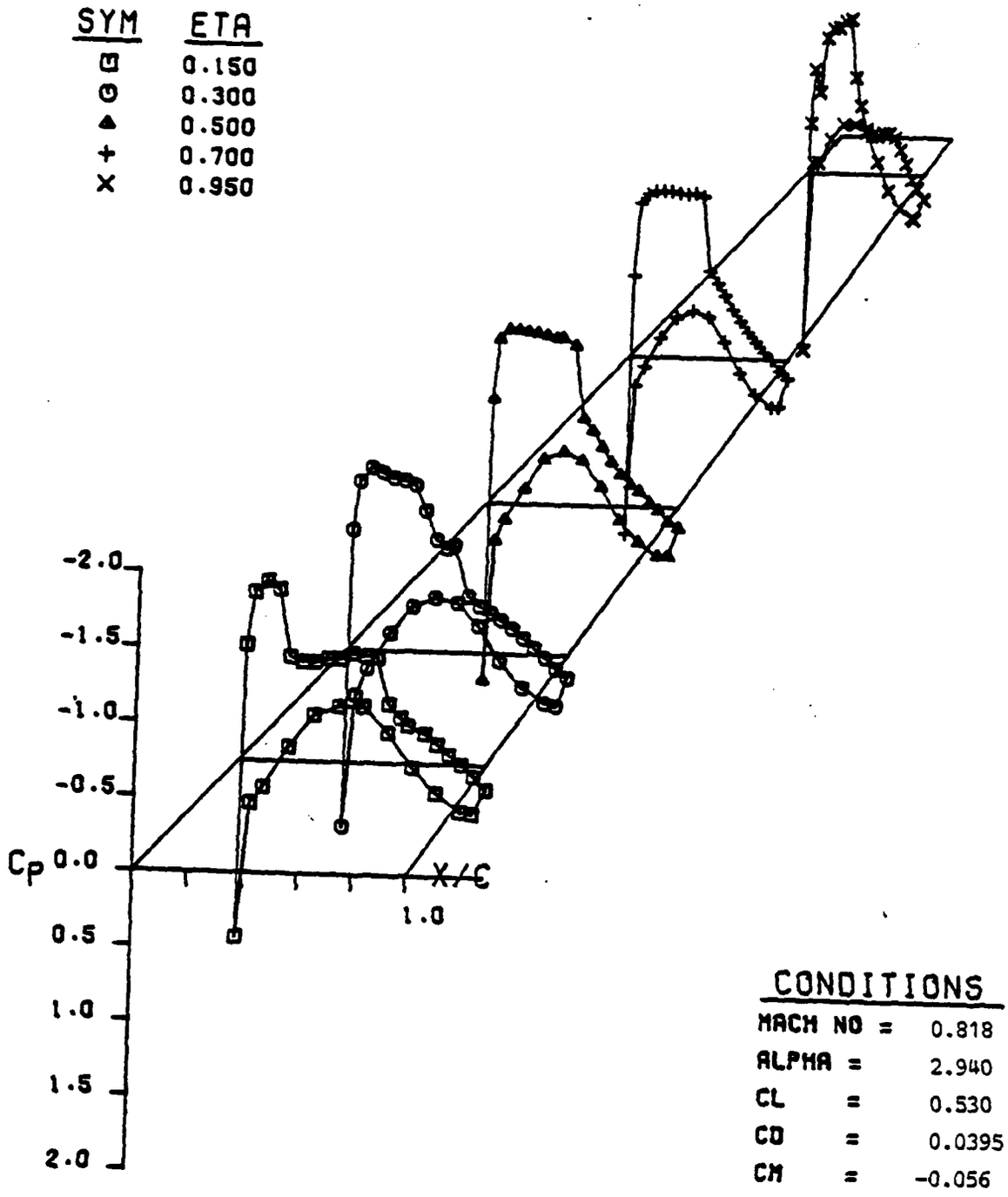
MACH NO = 0.801
ALPHA = 2.941



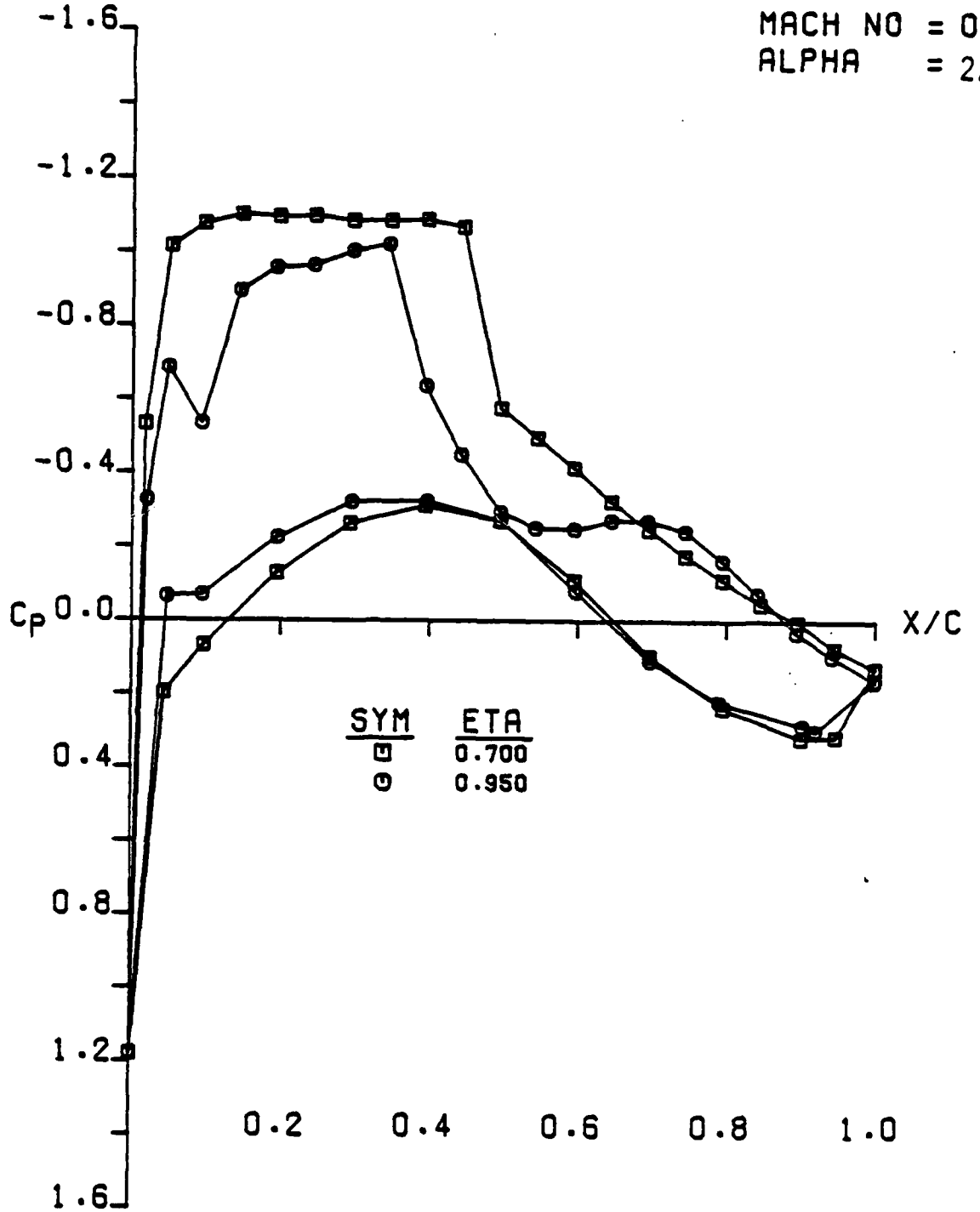
LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
TITLE
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
TITLE
AFOSR SEMISPAN MODEL A

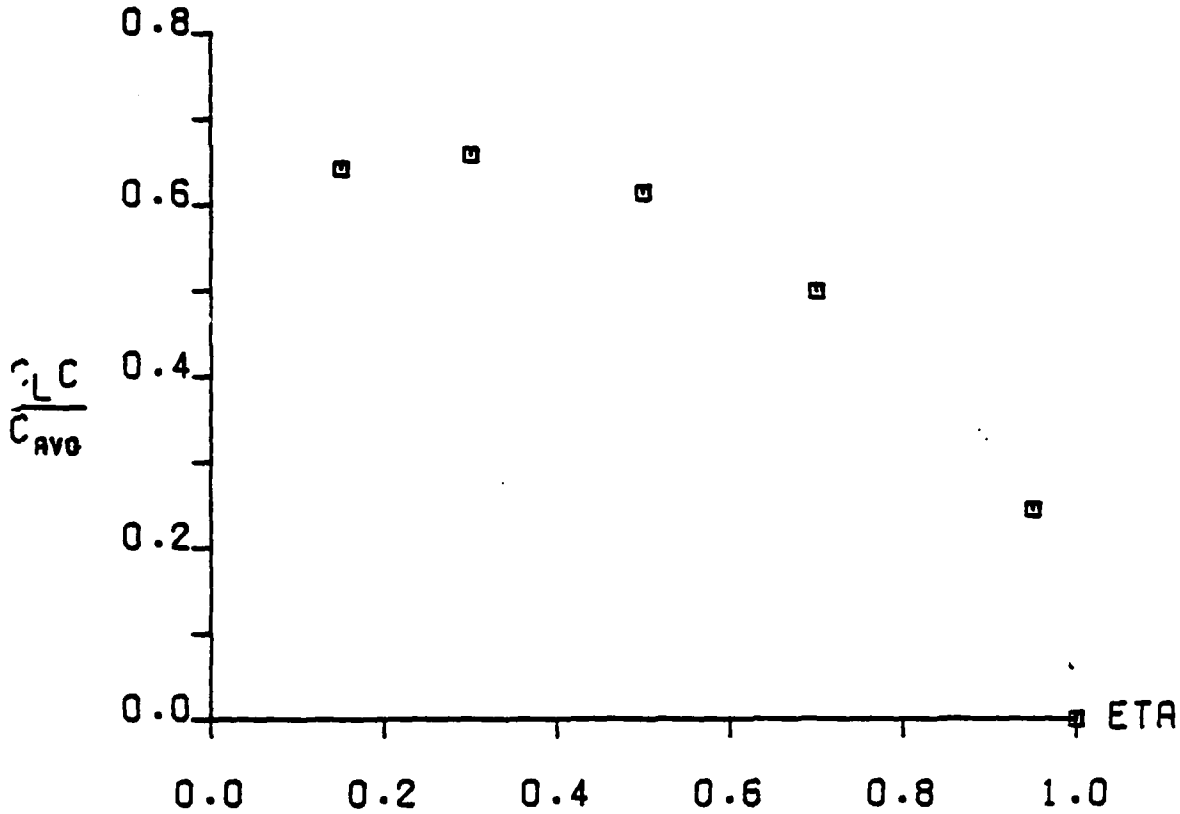


LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
TITLE
AFOSR SEMISPAN MODEL A



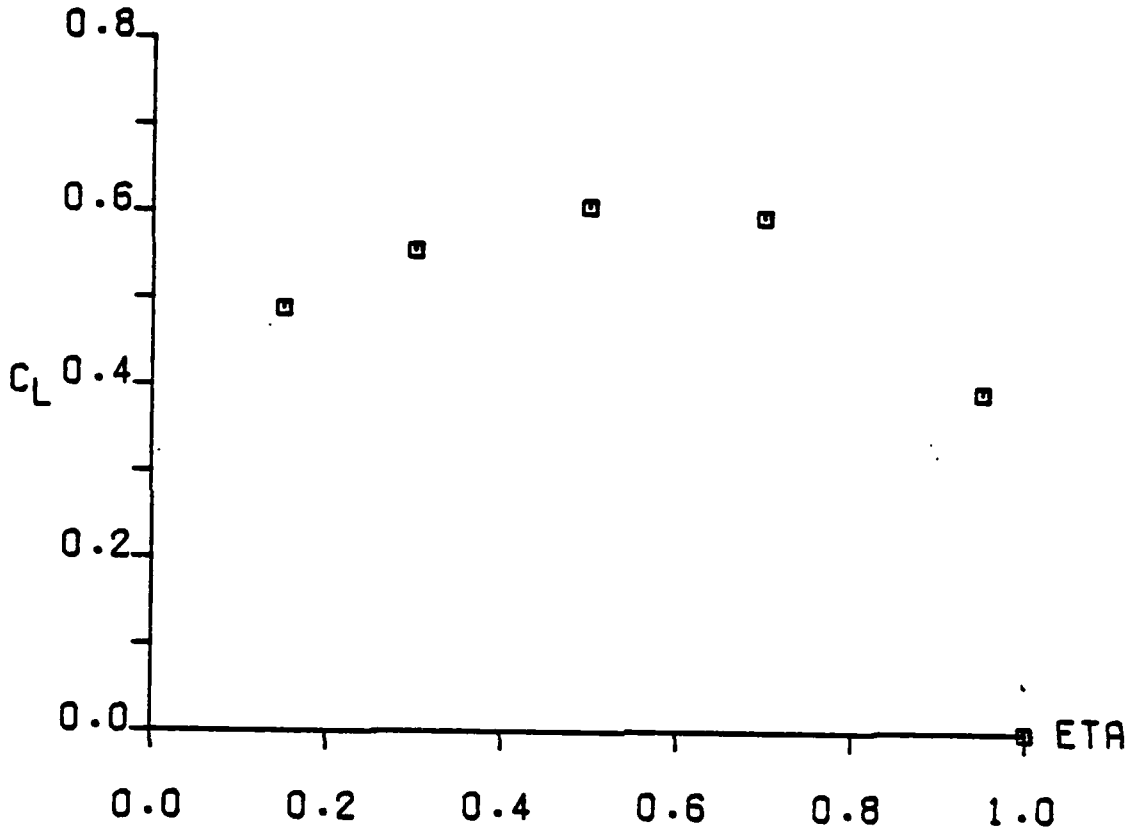
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
TITLE
AFOSR SEMISPAN MODEL A

MACH NO = 0.818
ALPHA = 2.940

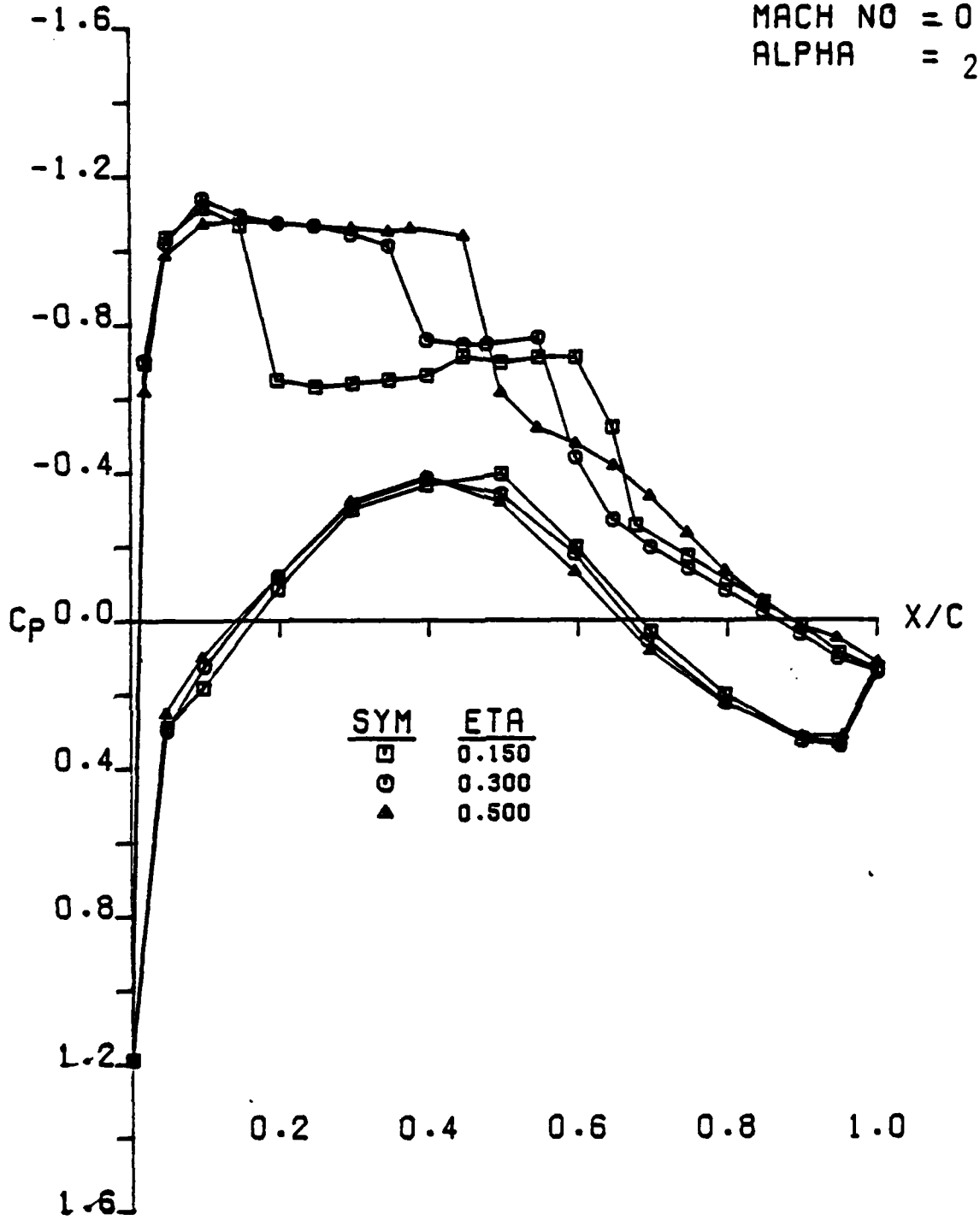


LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
TITLE
AFOSR SEMISPAN MODEL A

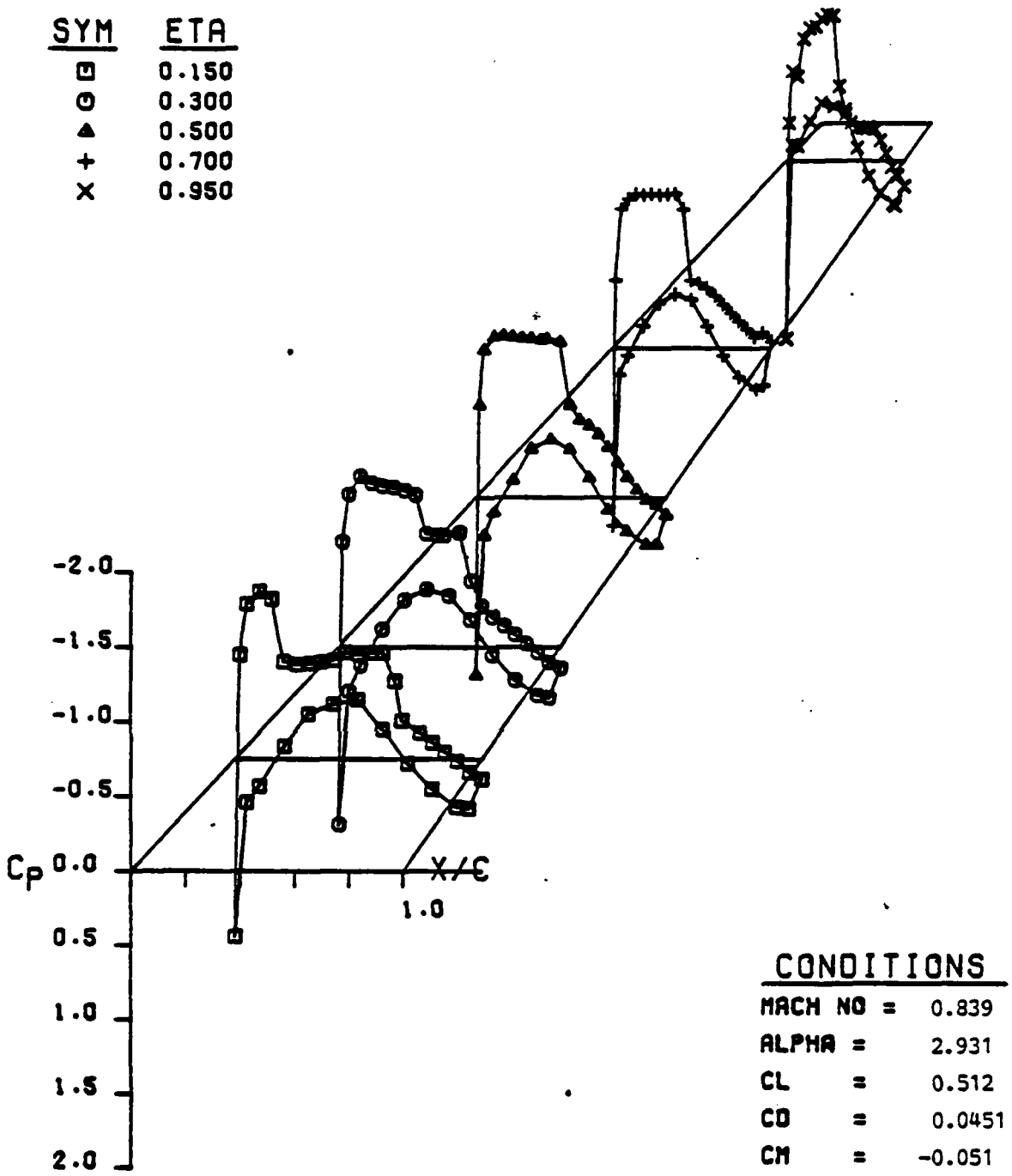
MACH NO = 0.818
ALPHA = 2.940



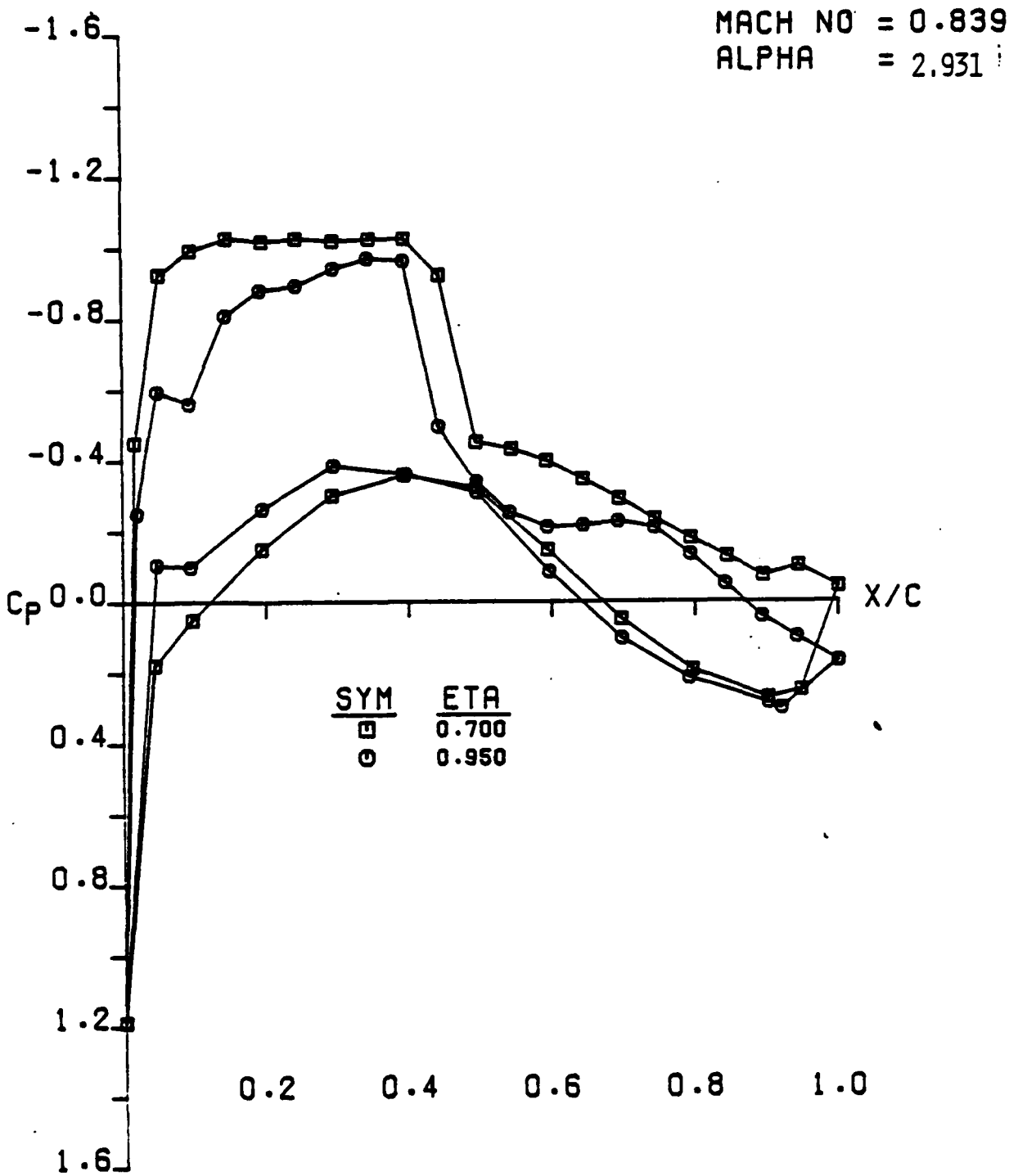
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
TITLE
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 98
TITLE
AFOSR SEMISPAN MODEL A

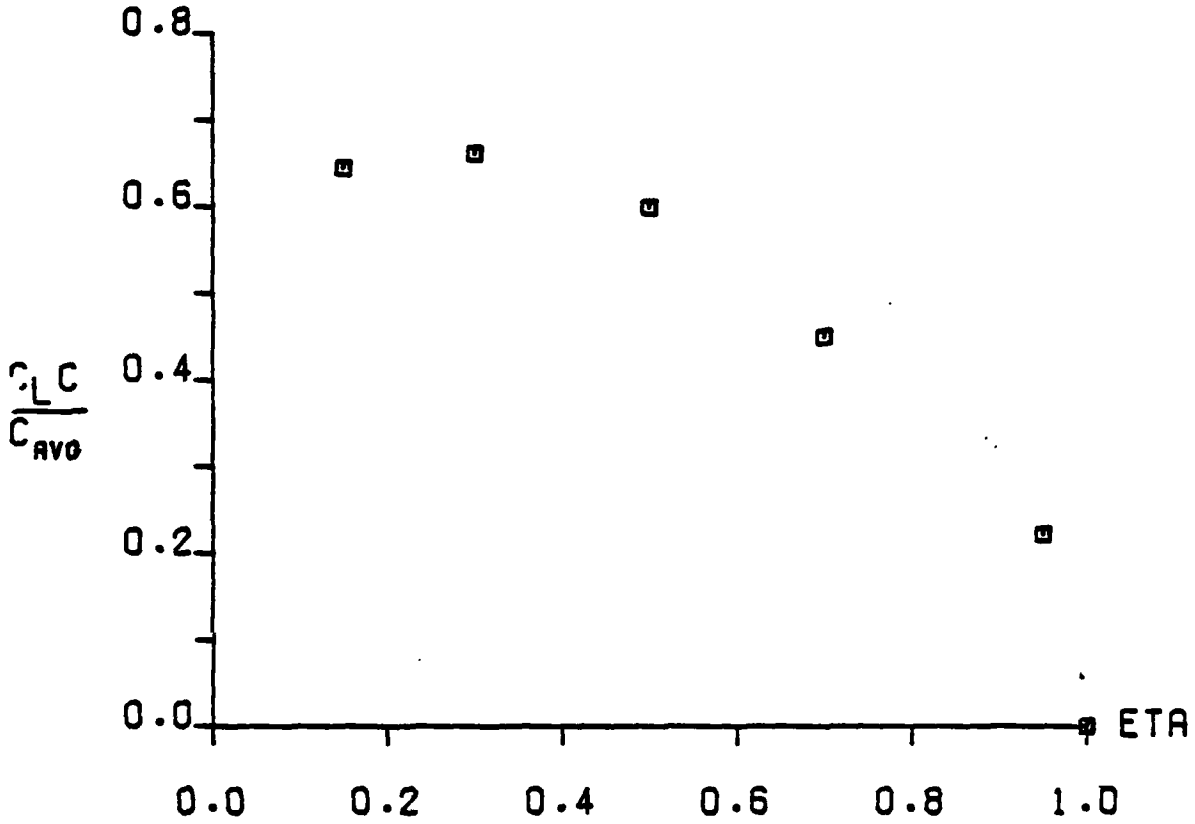


LOCKHEED CFWT SEMI-SPAN TEST, RUN 98
TITLE
AFOSR SEMISPAN MODEL A



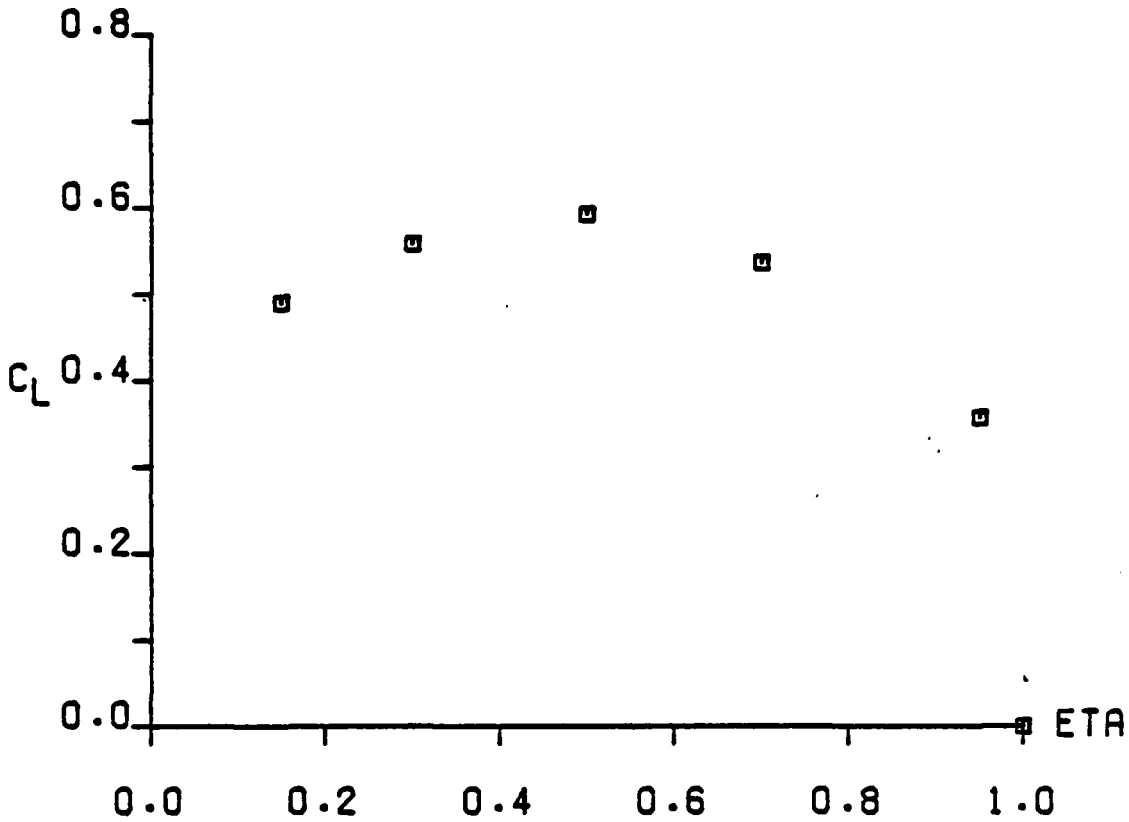
LOCKHEED CFWT SEMI-SPAN TEST, RUN 98
TITLE
AFOSR SEMISPAN MODEL A

MACH NO = 0.839
ALPHA = 2.931

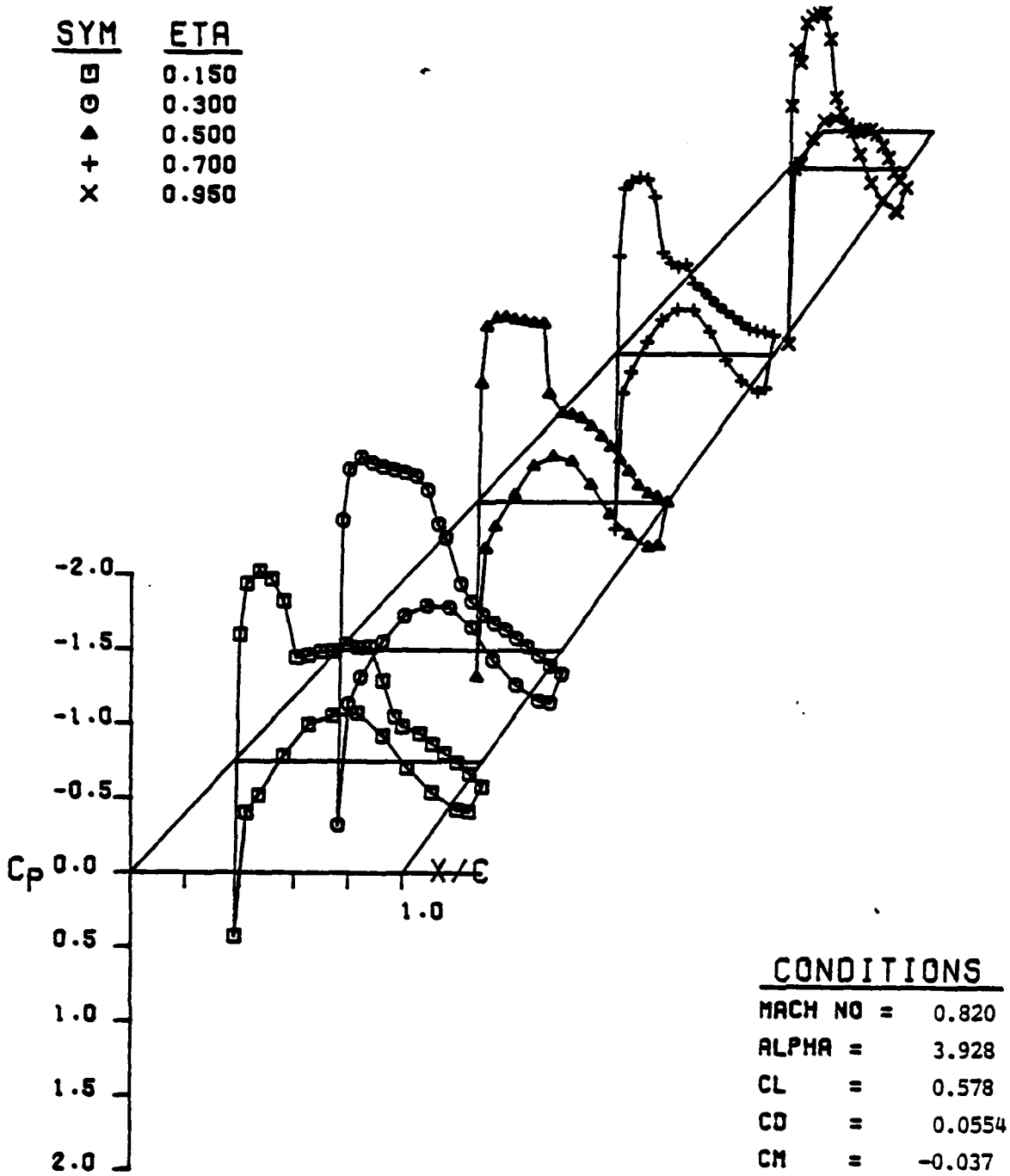


LOCKHEED CFWT SEMI-SPAN TEST, RUN 98
TITLE
AFOSR SEMISPAN MODEL A

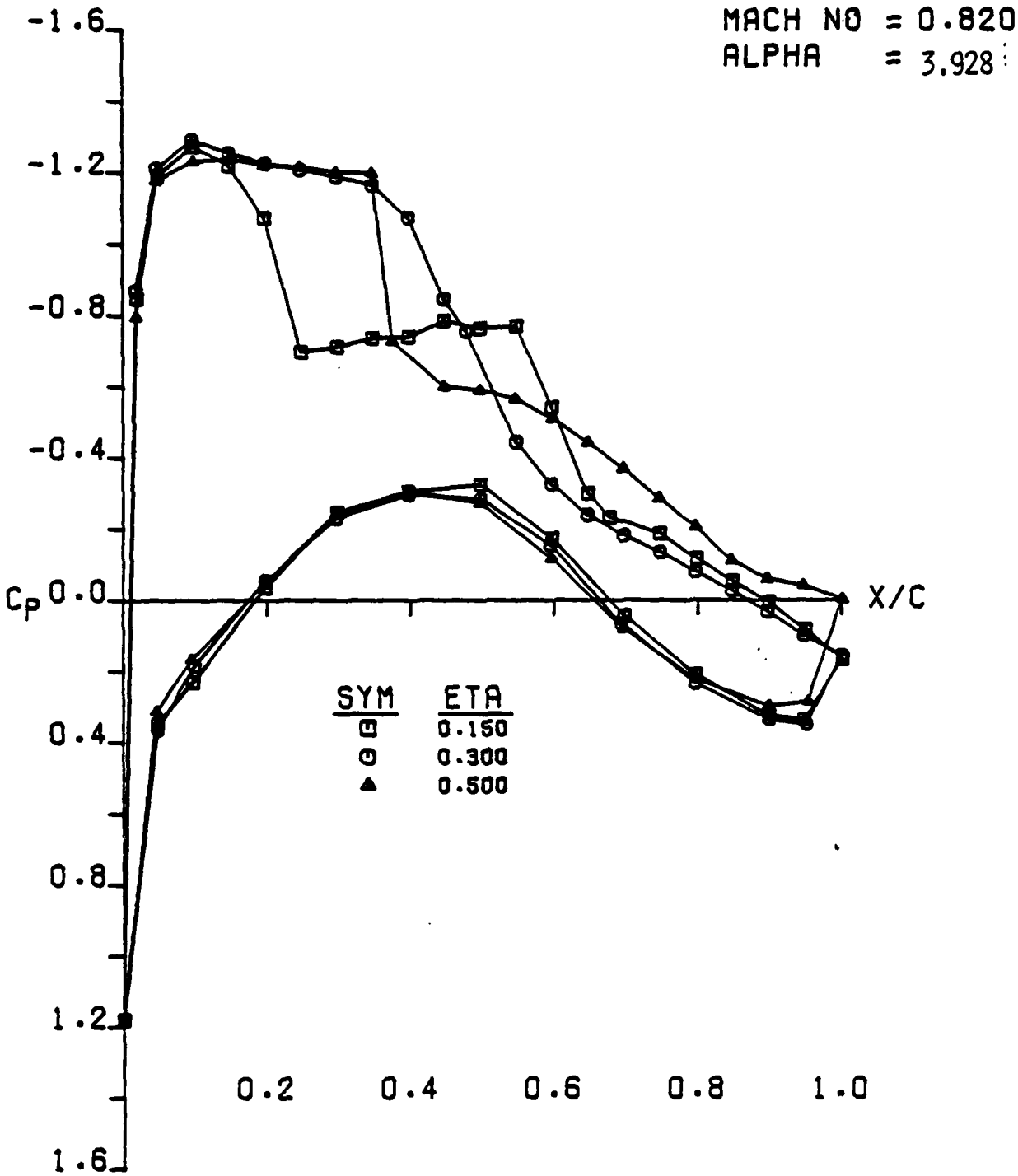
MACH NO = 0.839
ALPHA = 2.931



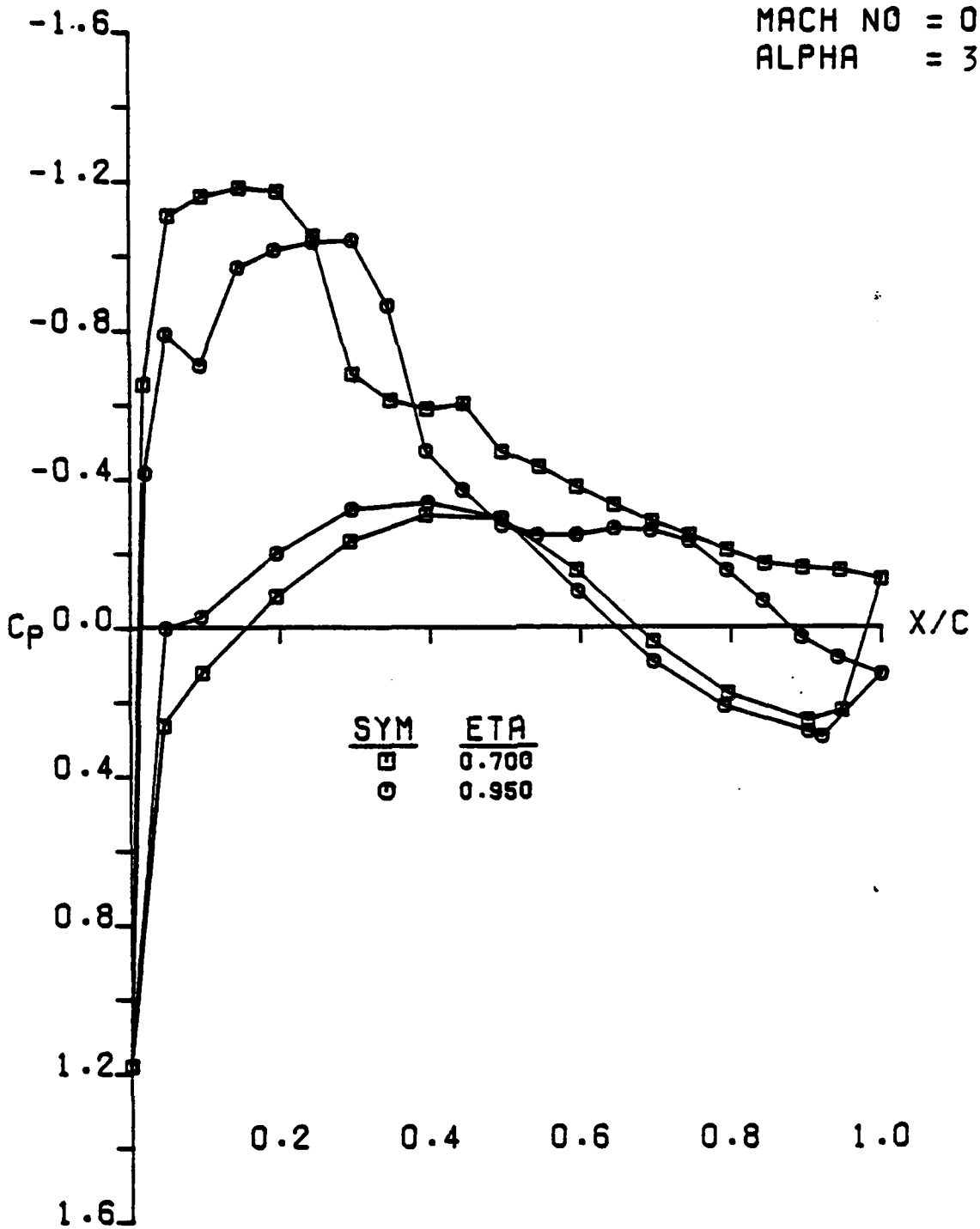
LOCKHEED CFWT SEMI-SPAN TEST, RUN 98
TITLE
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 36
TITLE
AFOSR SEMISPAN MODEL A

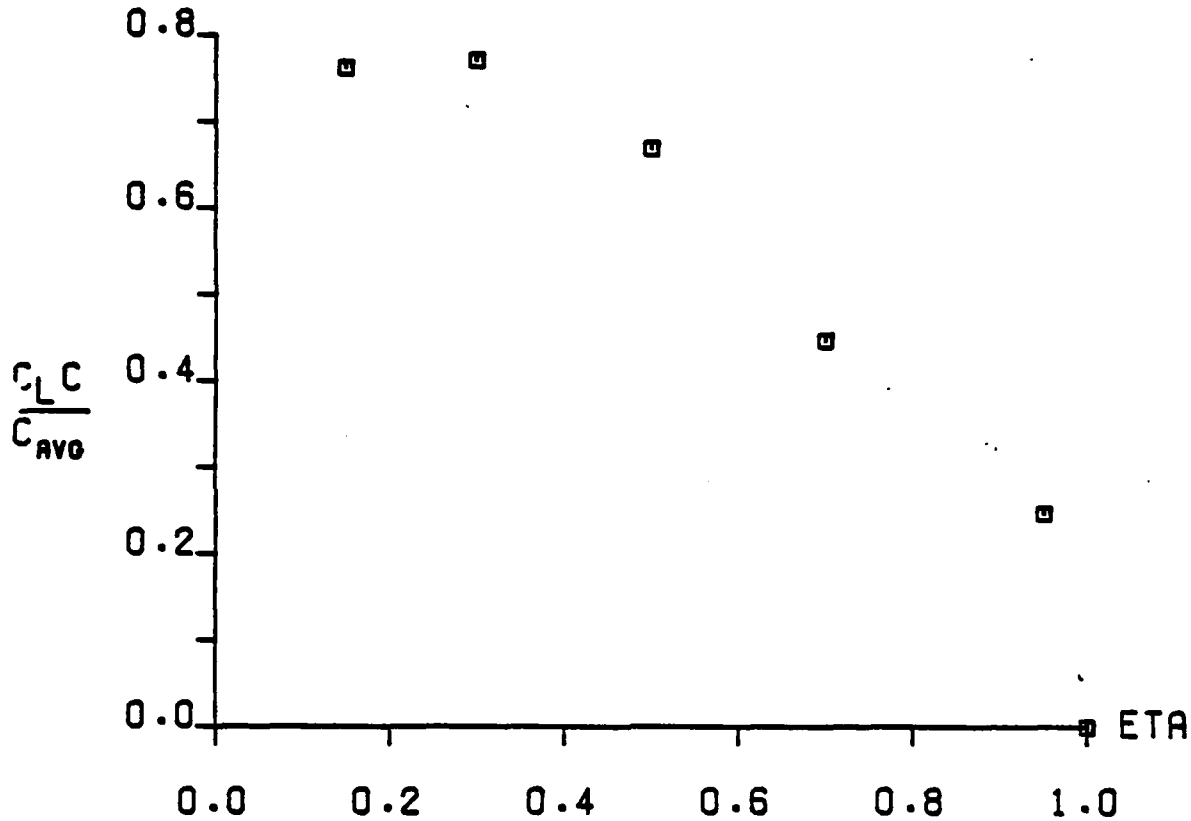


LOCKHEED CFWT SEMI-SPAN TEST. RUN 36
TITLE
AFOSR SEMISPAN MODEL A



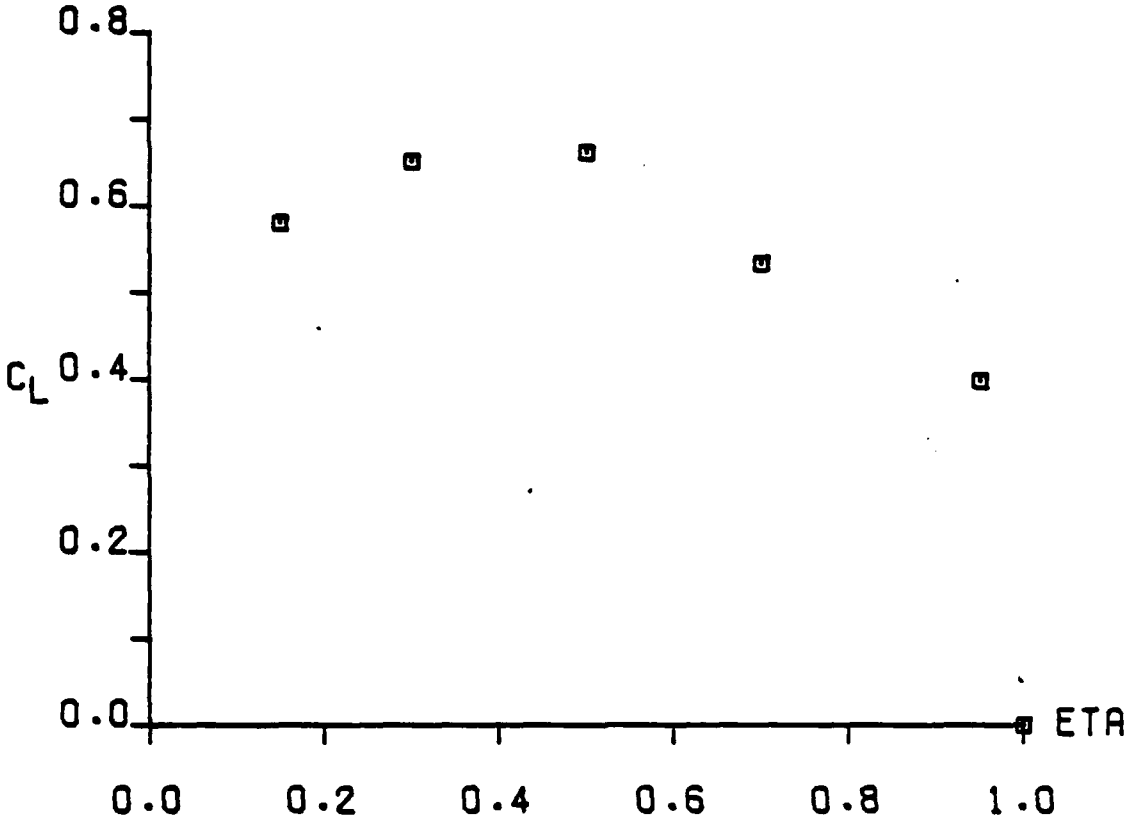
LOCKHEED CFWT SEMI-SPAN TEST, RUN 36
TITLE
AFOSR SEMISPAN MODEL A

MACH NO = 0.820
ALPHA = 3.928

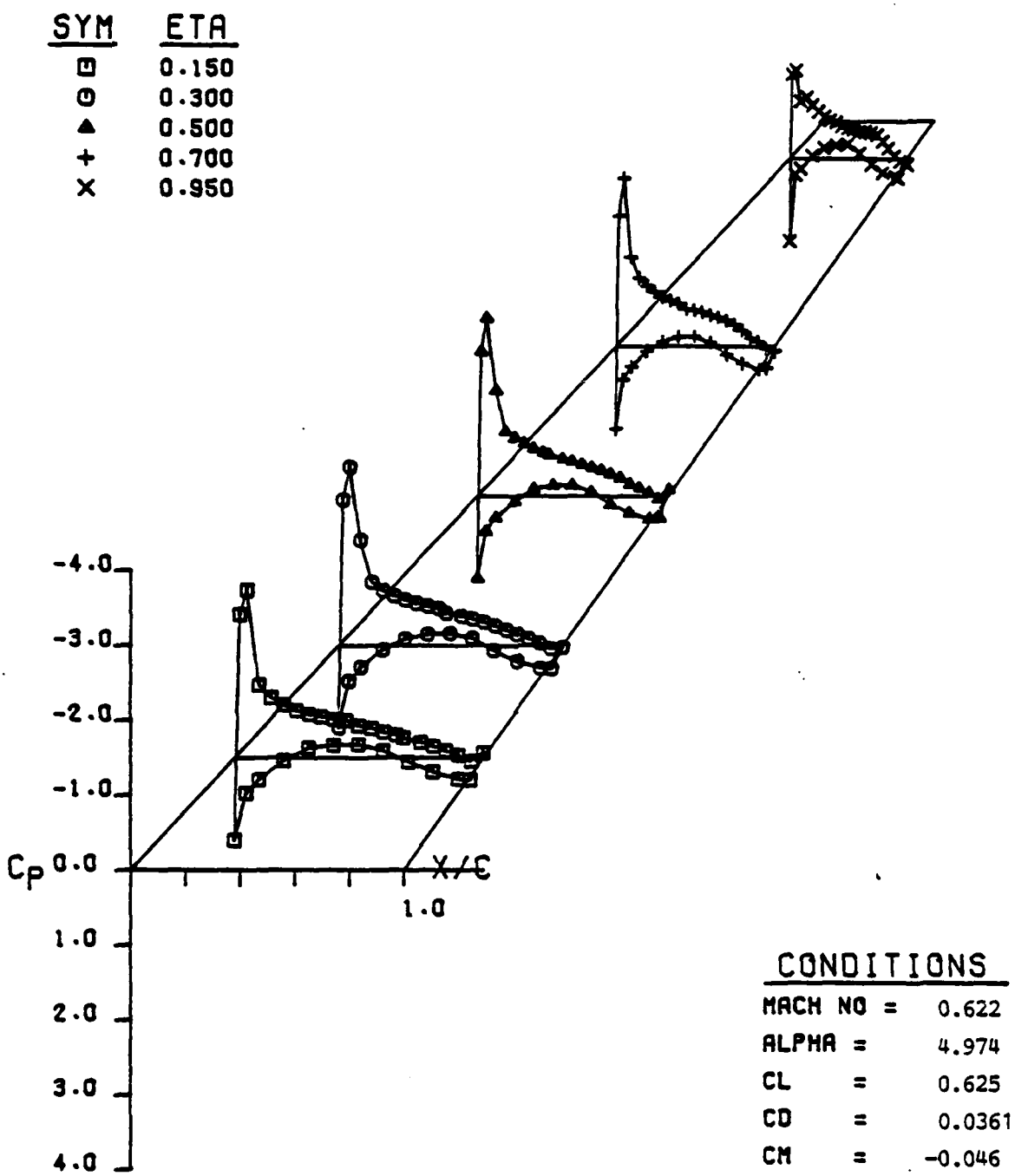


LOCKHEED CFWT SEMI-SPAN TEST. RUN 36
TITLE
AFOSR SEMISPAN MODEL A

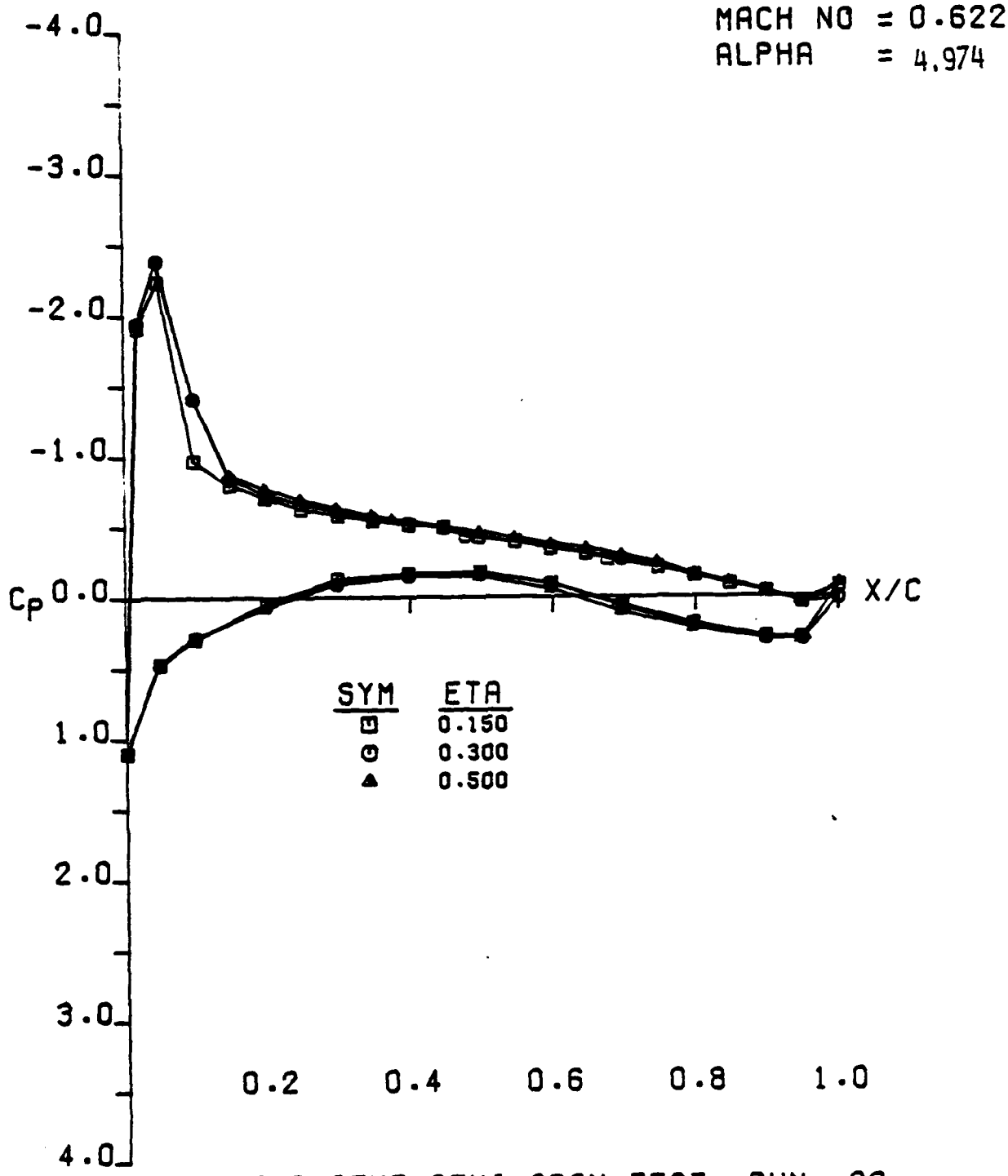
MACH NO = 0.820
ALPHA = -3.928



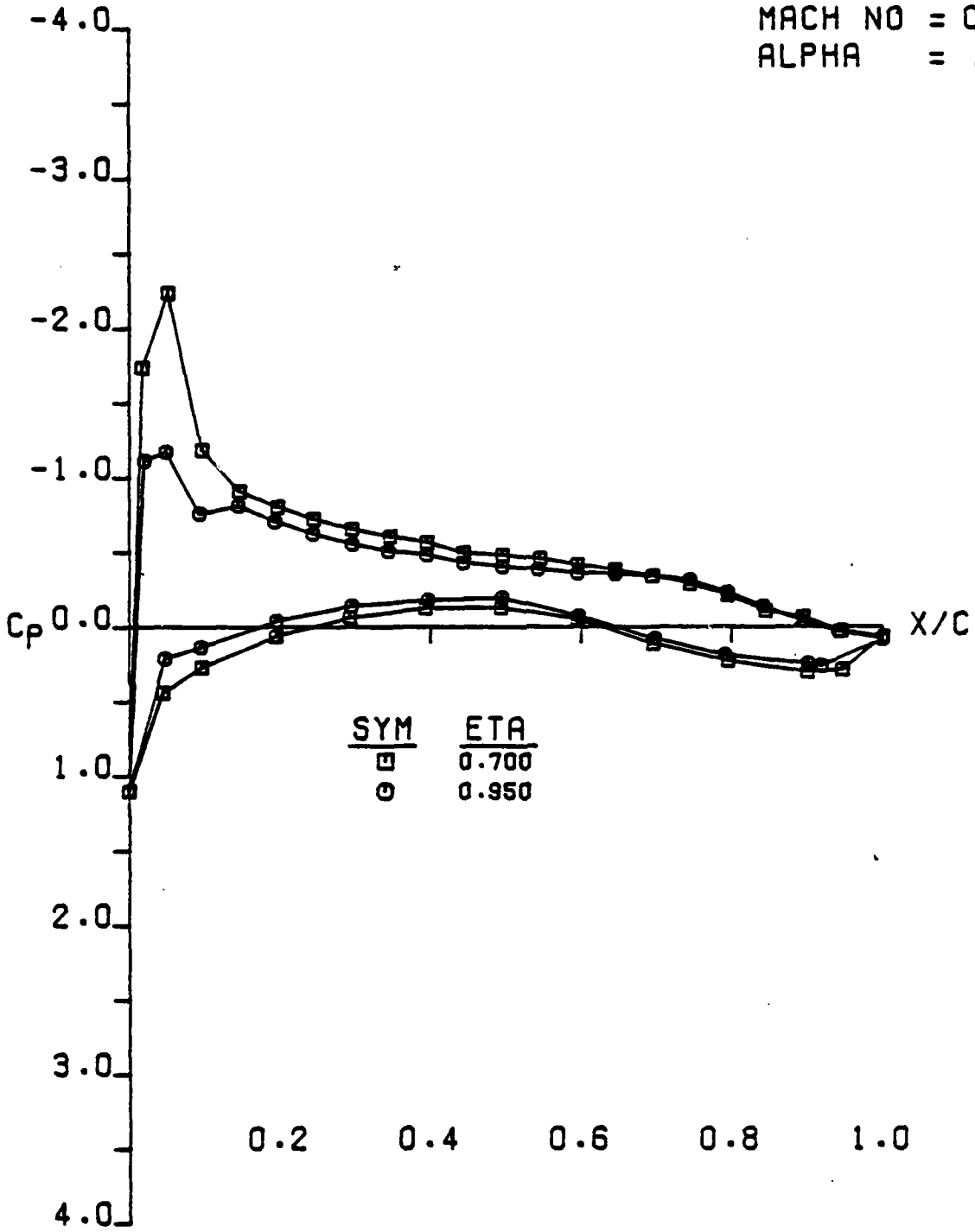
LOCKHEED CFWT SEMI-SPAN TEST, RUN 36
TITLE
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 20
TITLE
AFOSR SEMISPAN MODEL A

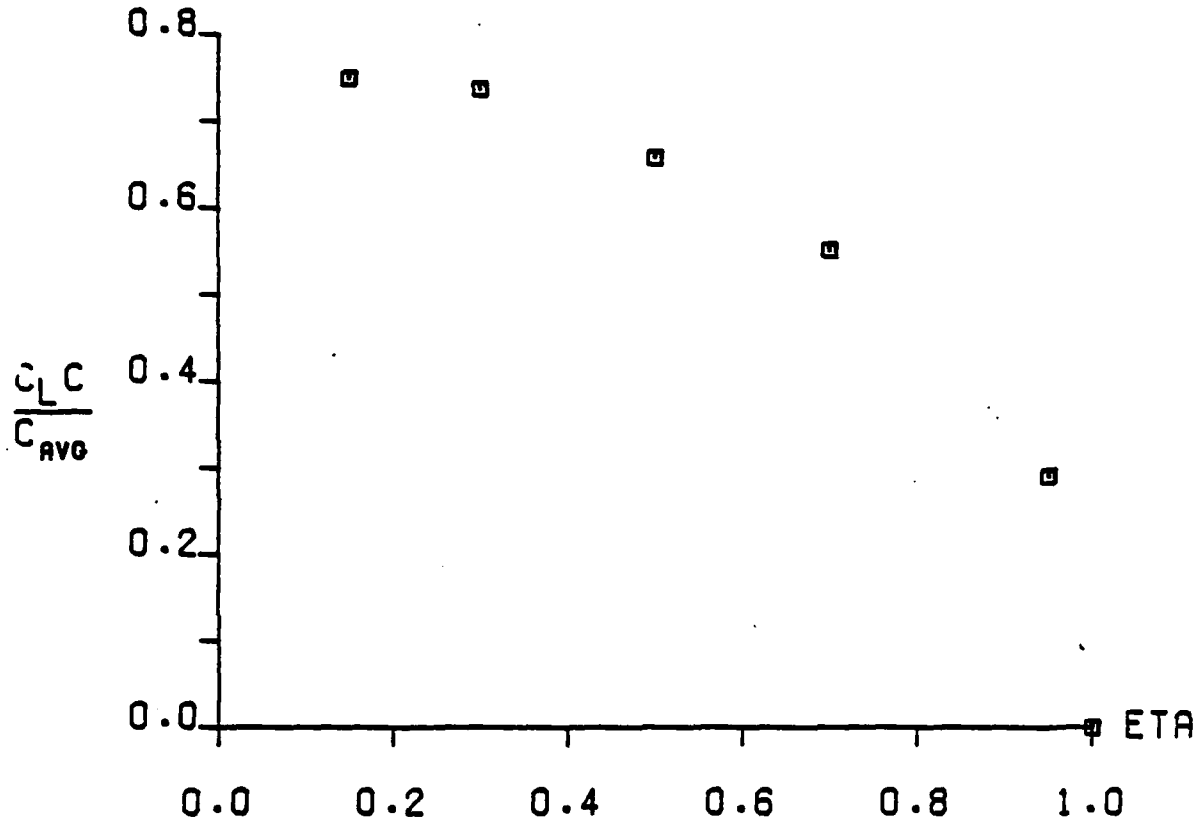


LOCKHEED CFWT. SEMI-SPAN TEST, RUN 20
TITLE
AFOSR SEMISPAN MODEL A



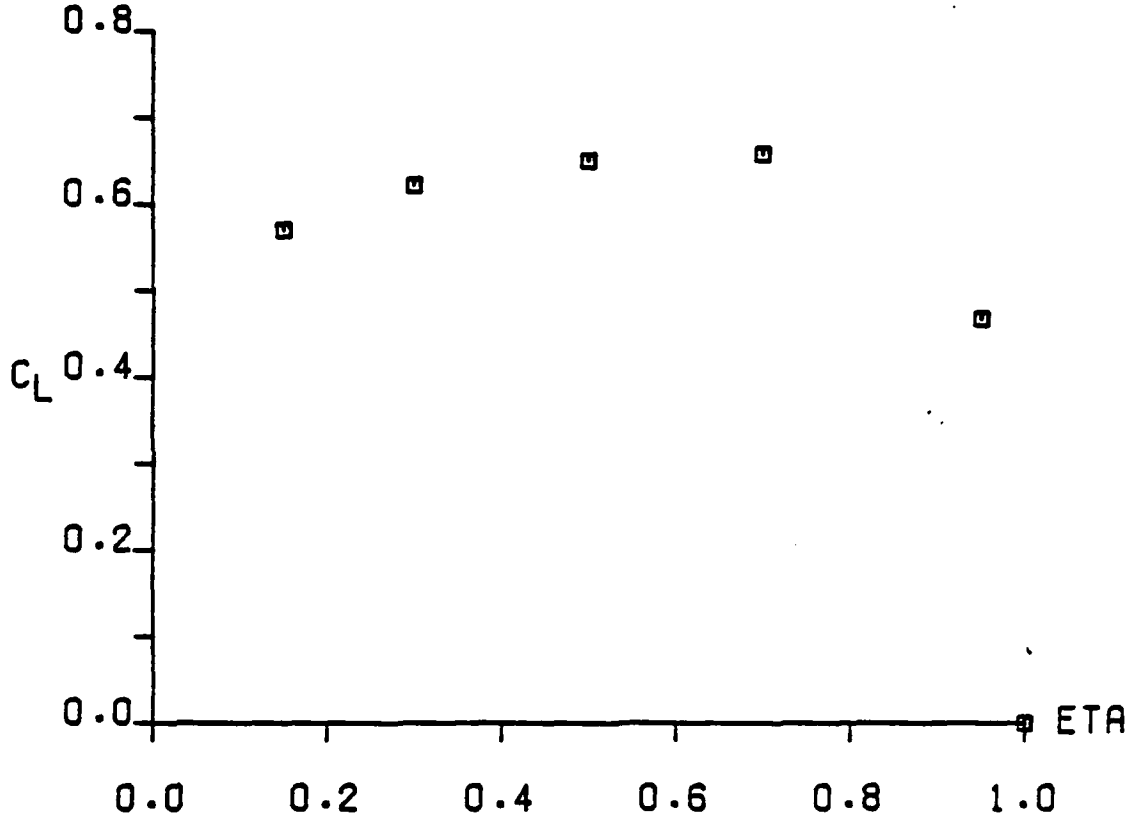
LOCKHEED CFWT SEMI-SPAN TEST. RUN 20
TITLE
AFOSR SEMISPAN MODEL A

MACH NO = 0.622
ALPHA = 4.974

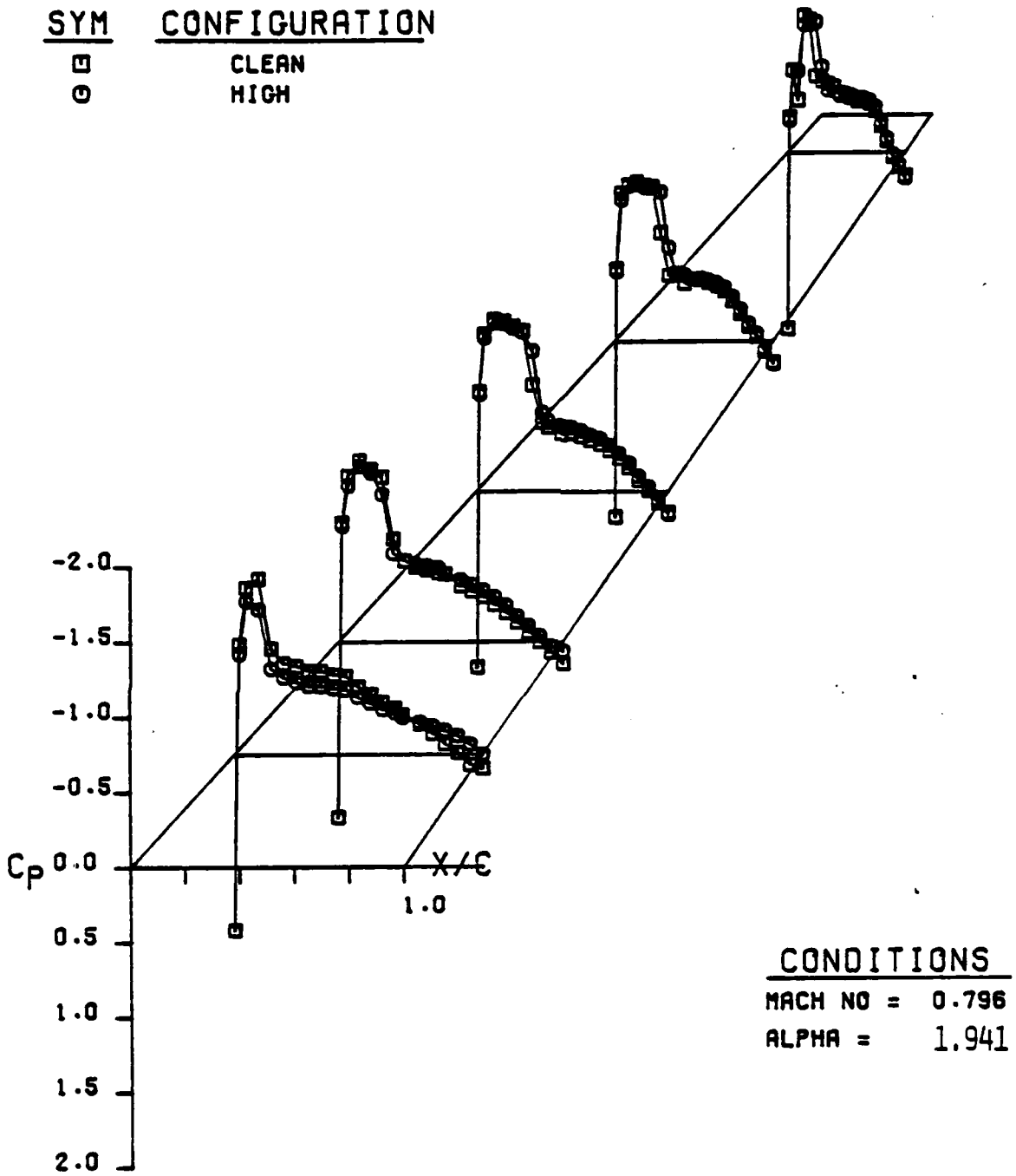


LOCKHEED CFWT SEMI-SPAN TEST, RUN 20
TITLE
AFOSR SEMISPAN MODEL A

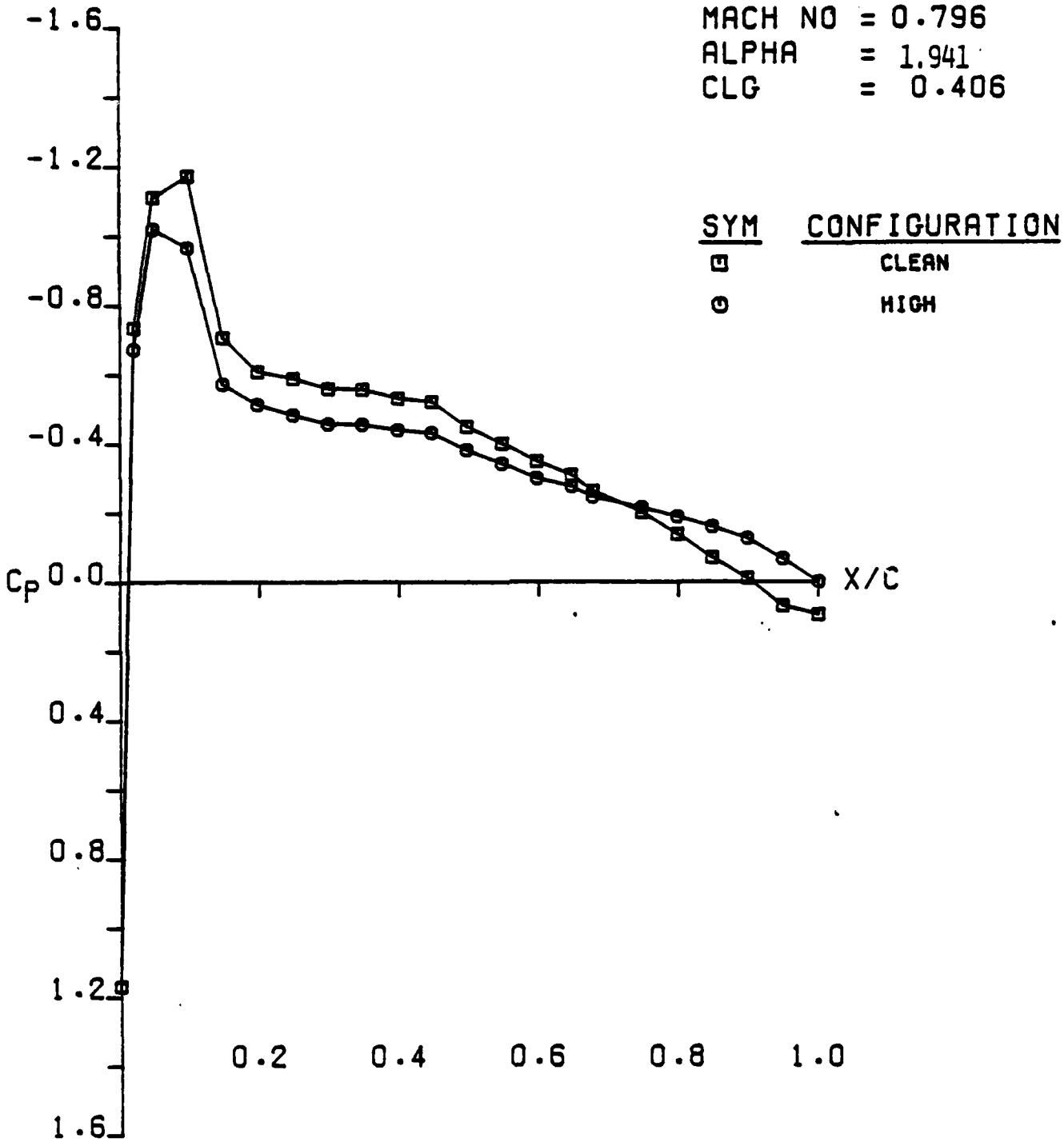
MACH NO = 0.622
ALPHA = 4.974



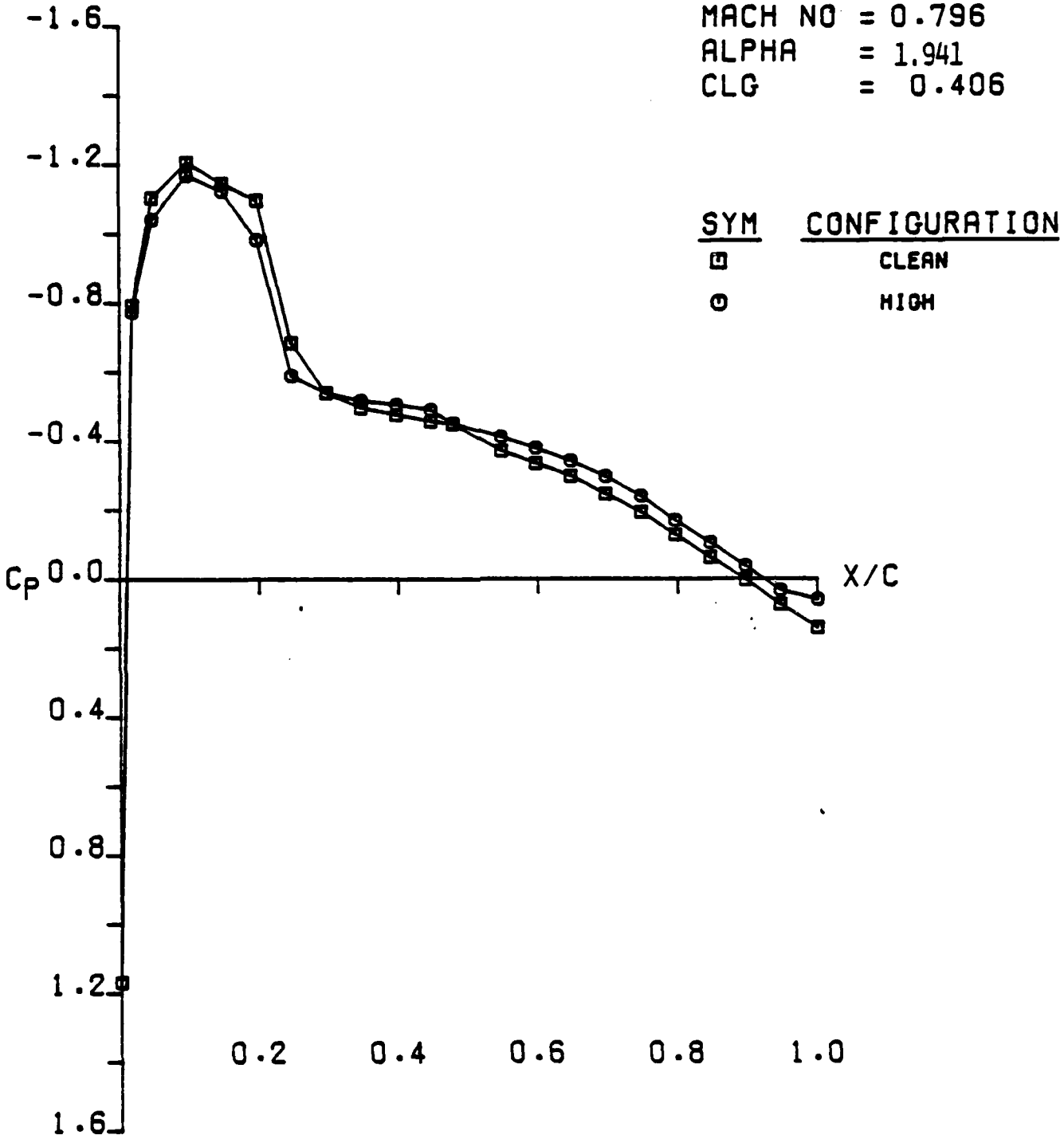
LOCKHEED CFWT SEMI-SPAN TEST, RUN 20
TITLE
AFOSR SEMISPAN MODEL A



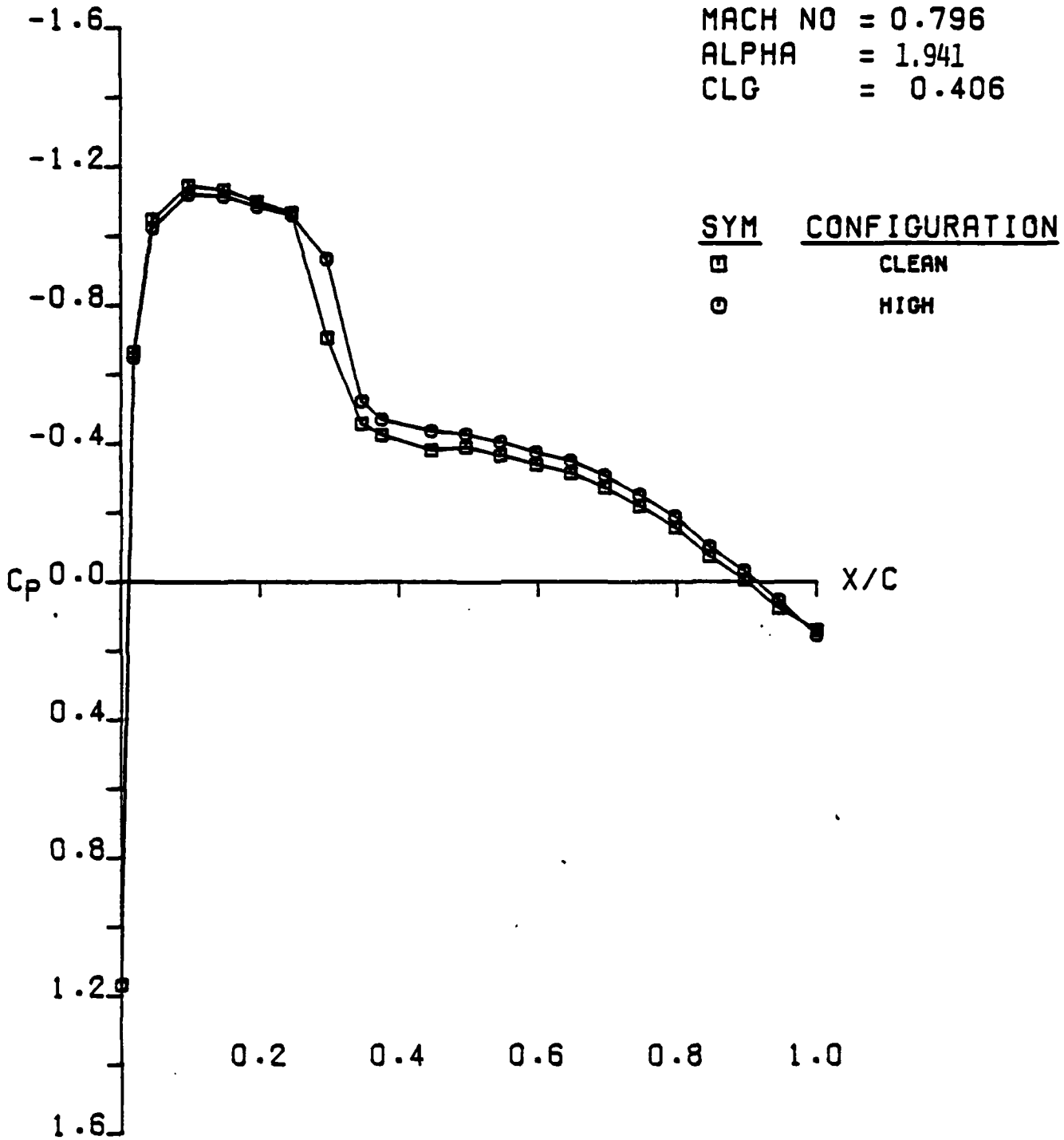
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (UPR SURF)
AFOSR SEMISPAN MODEL A



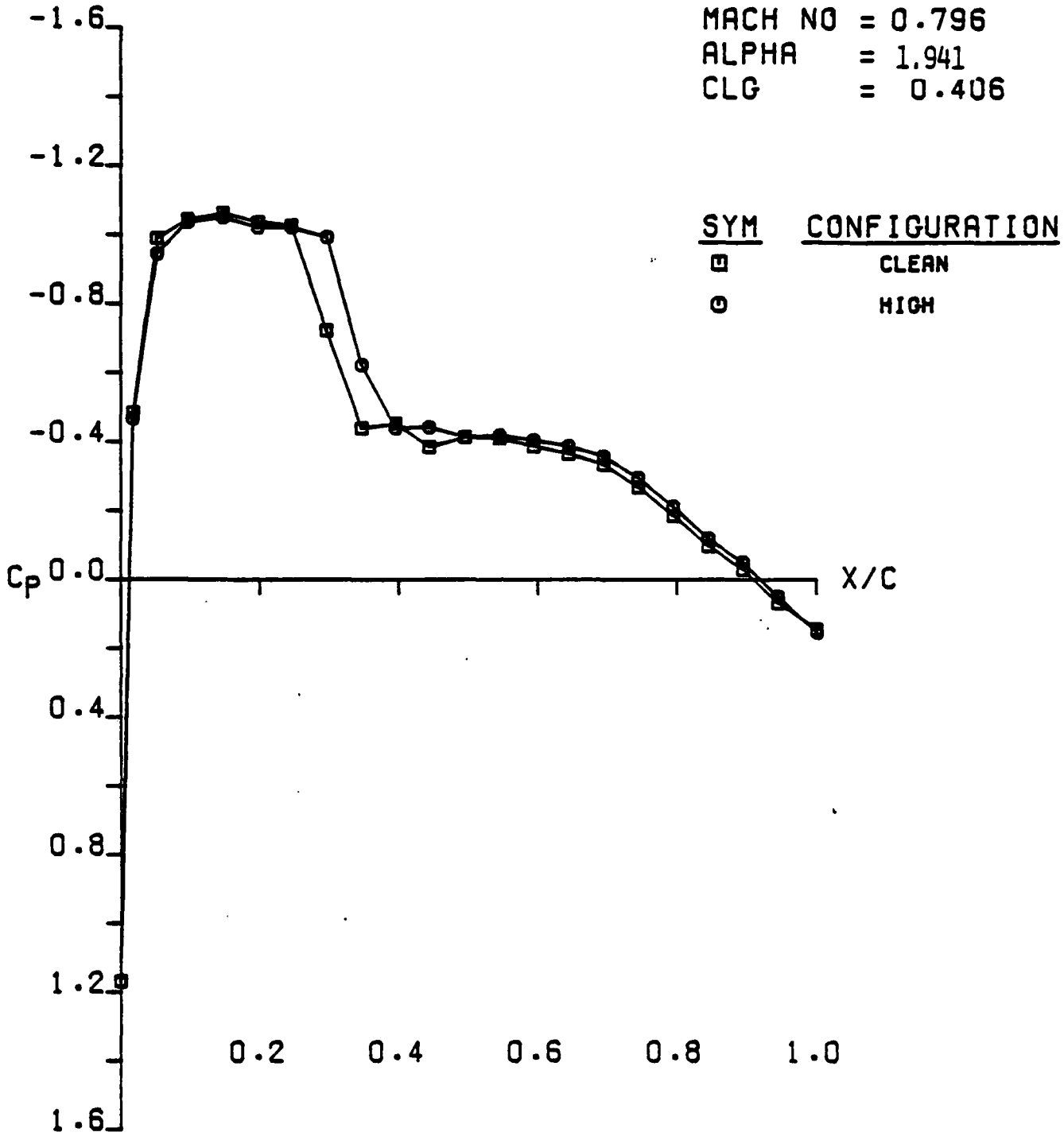
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (UPR SURF ETA .15)
AFOSR SEMISPAN MODEL A



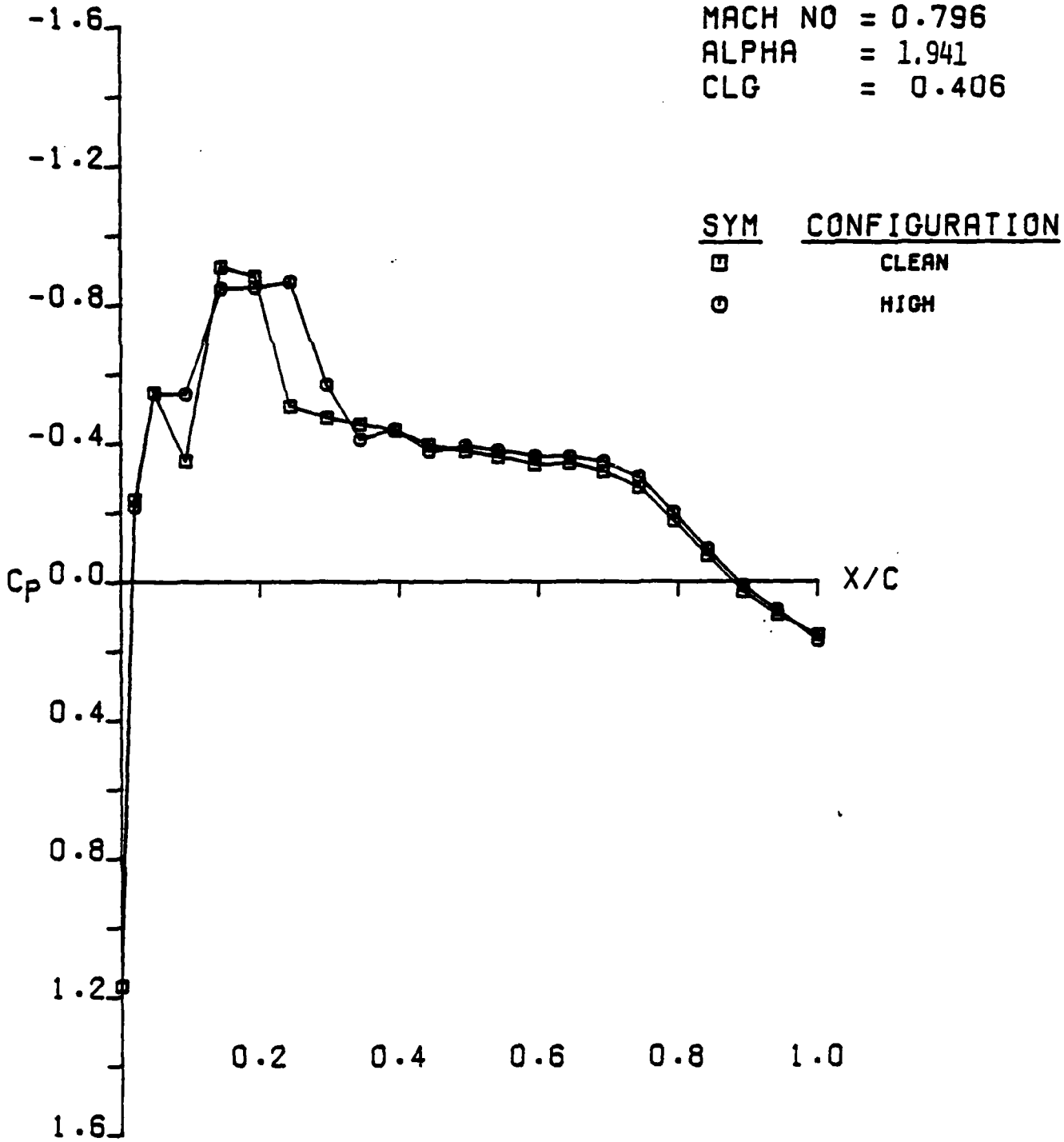
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (UPR SURF ETA .30)
AFOSR SEMISPAN MODEL A



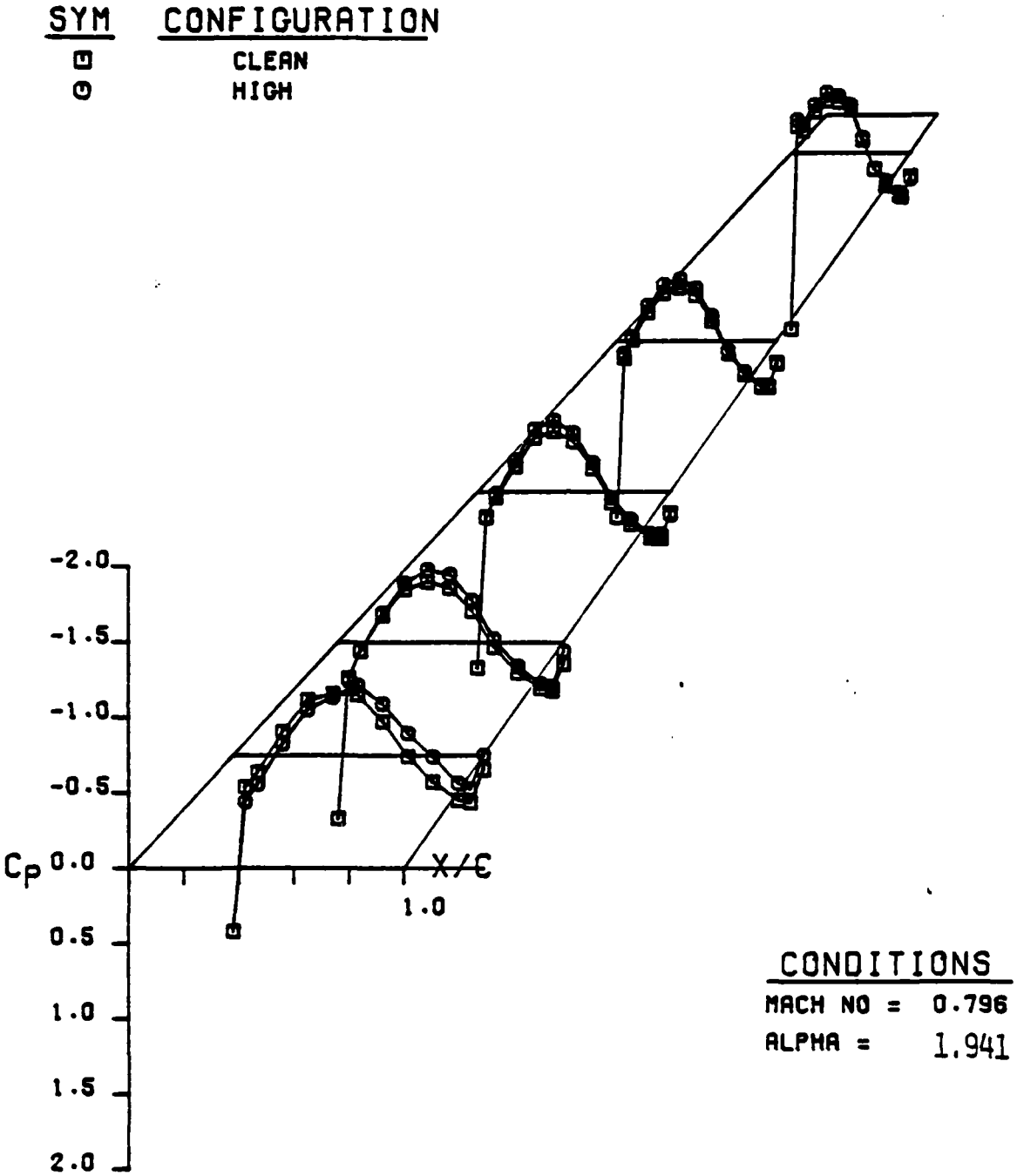
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (UPR SURF ETA .50)
AFOSR SEMISPAN MODEL A



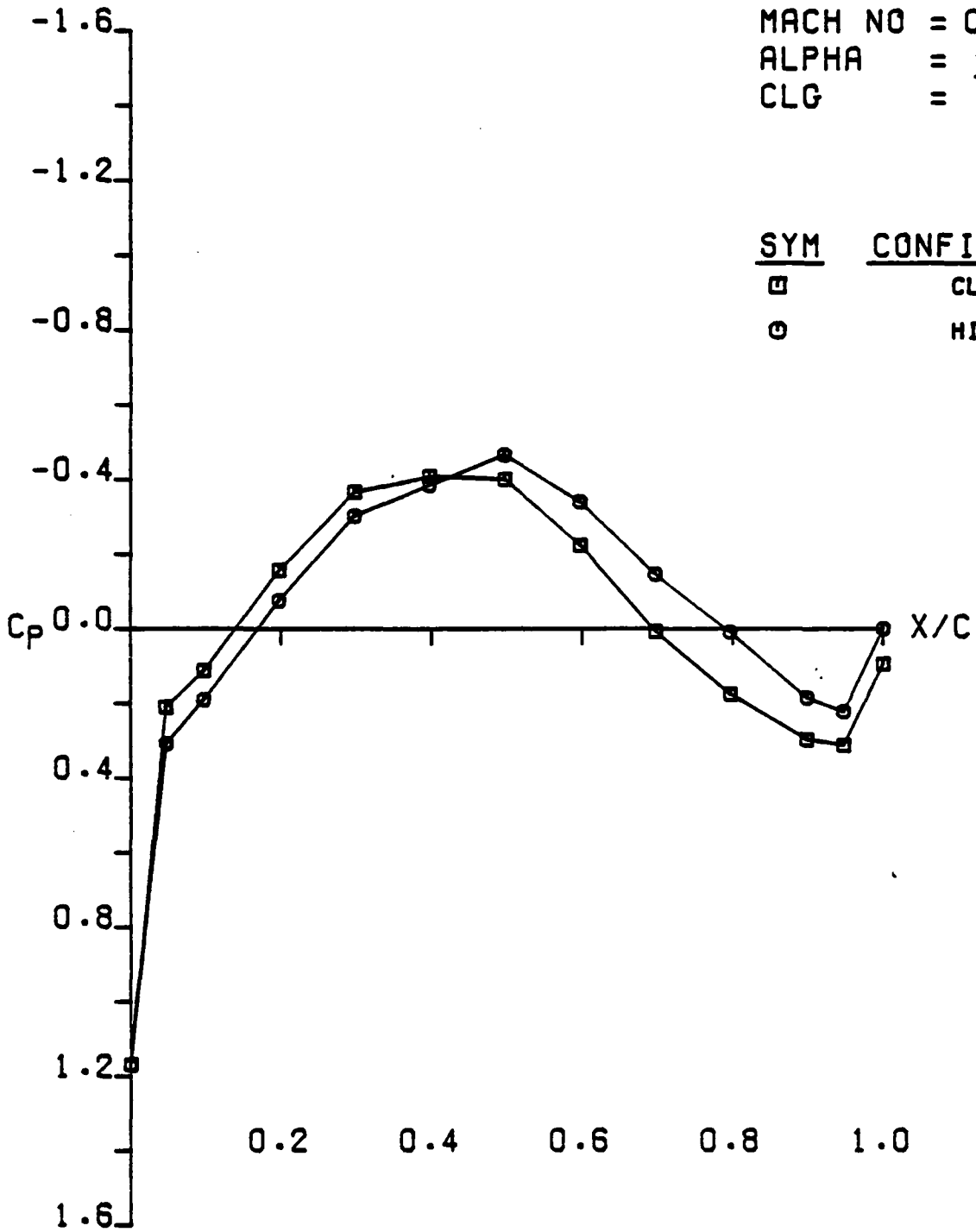
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (UPR SURF ETA .70)
AFOSR SEMISPAN MODEL A



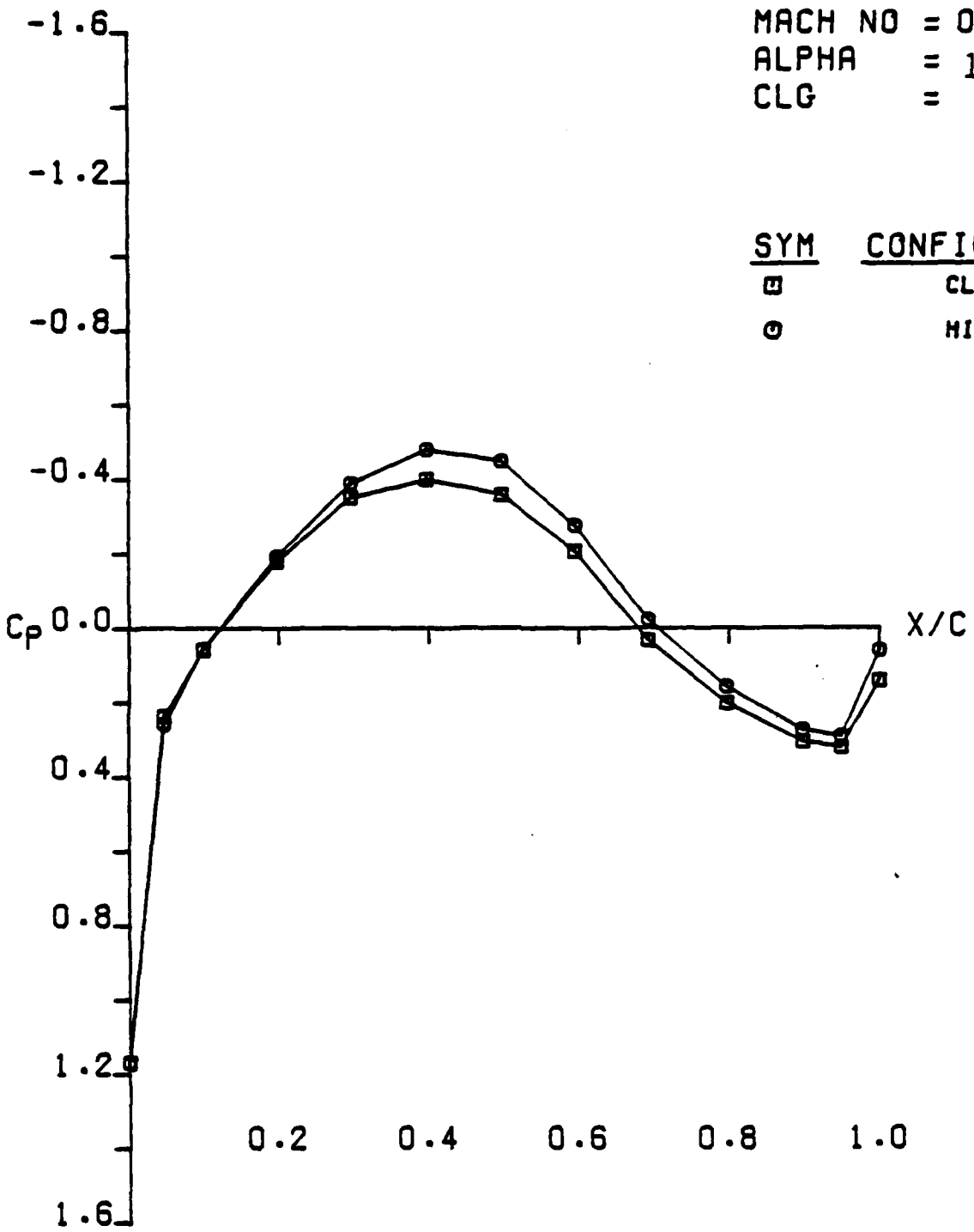
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL A



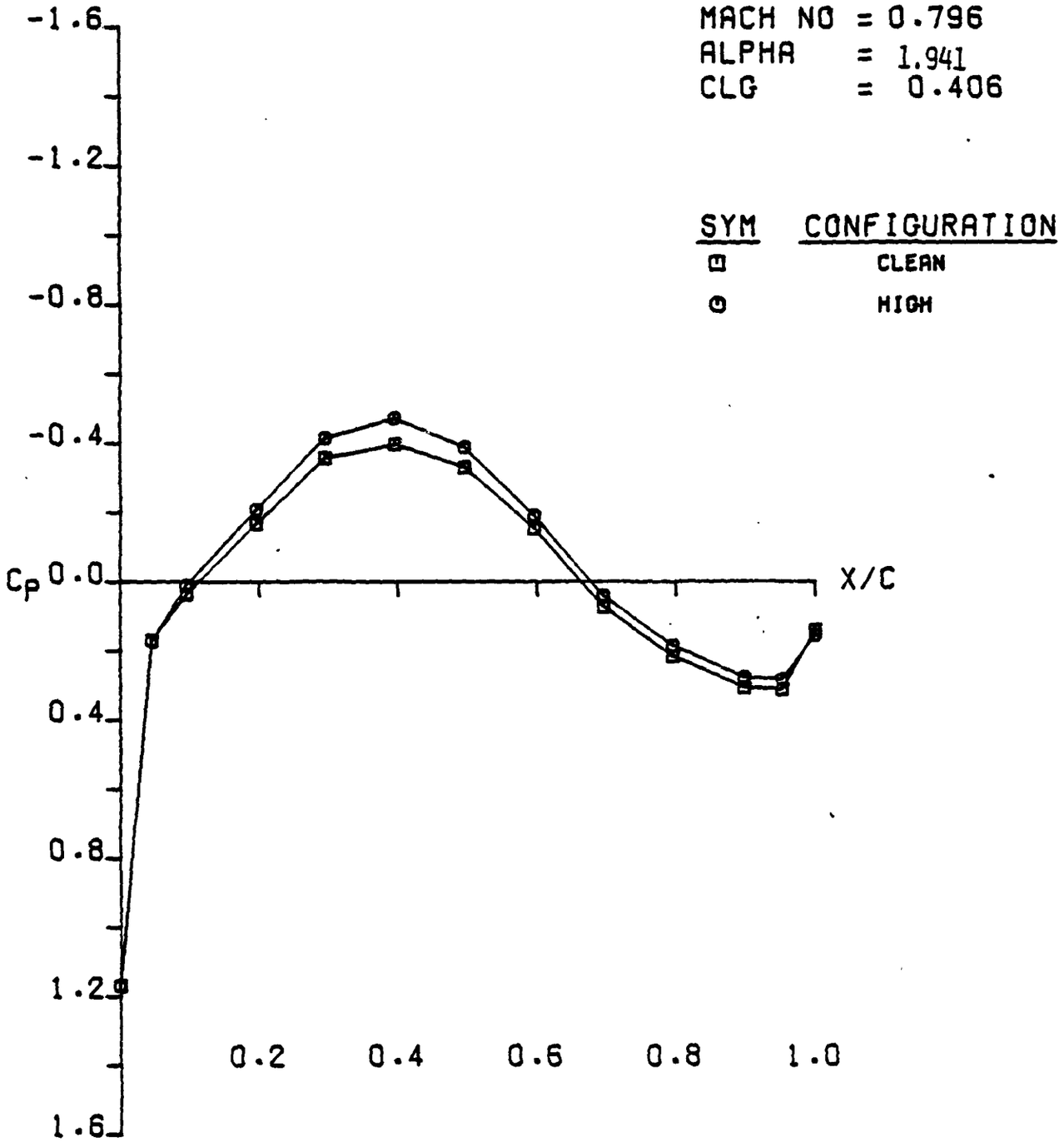
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (LWR SURF)
AFOSR SEMISPAN MODEL A.



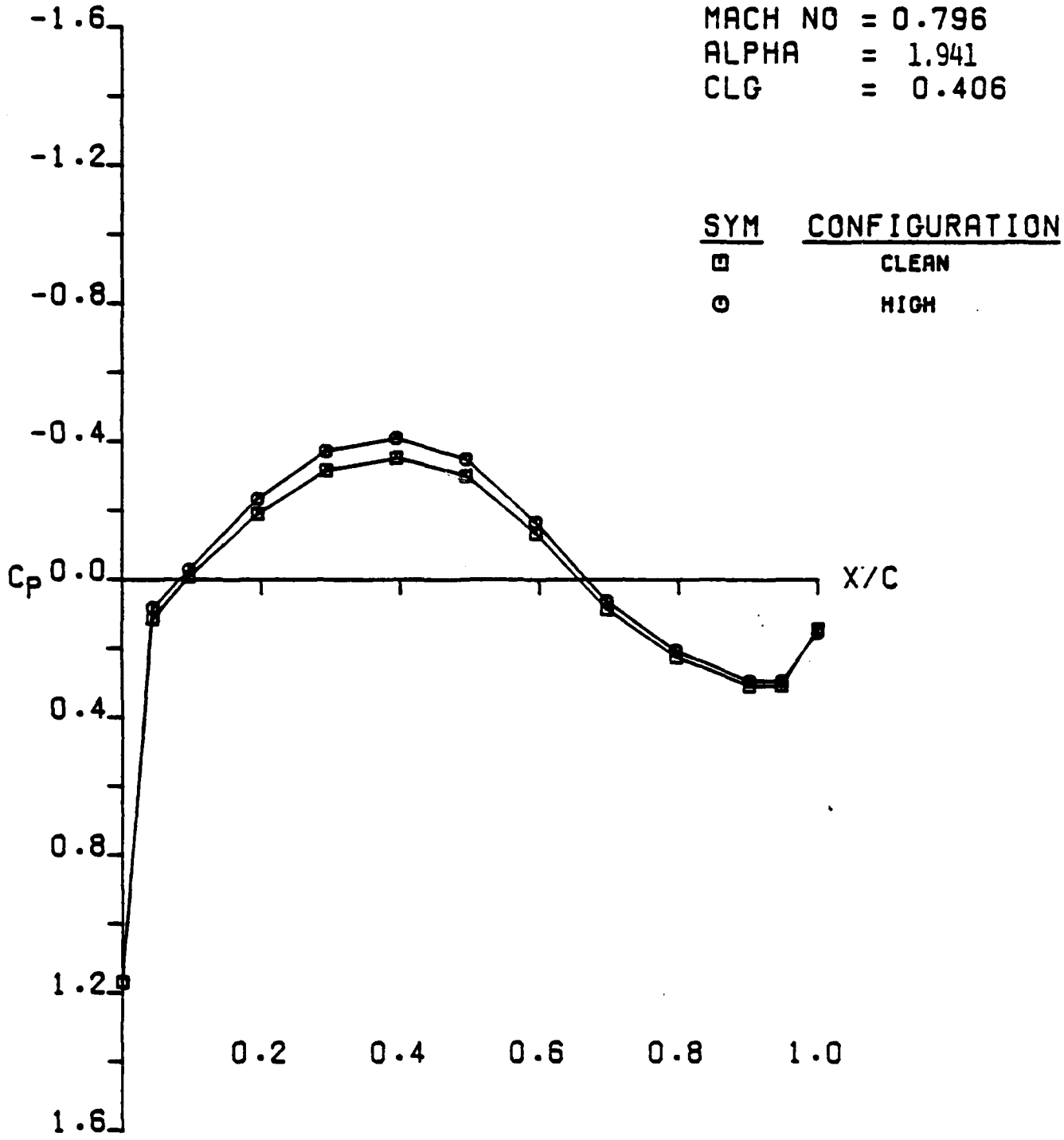
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (LWR SURF ETA .15)
AFOSR SEMISPAN MODEL A



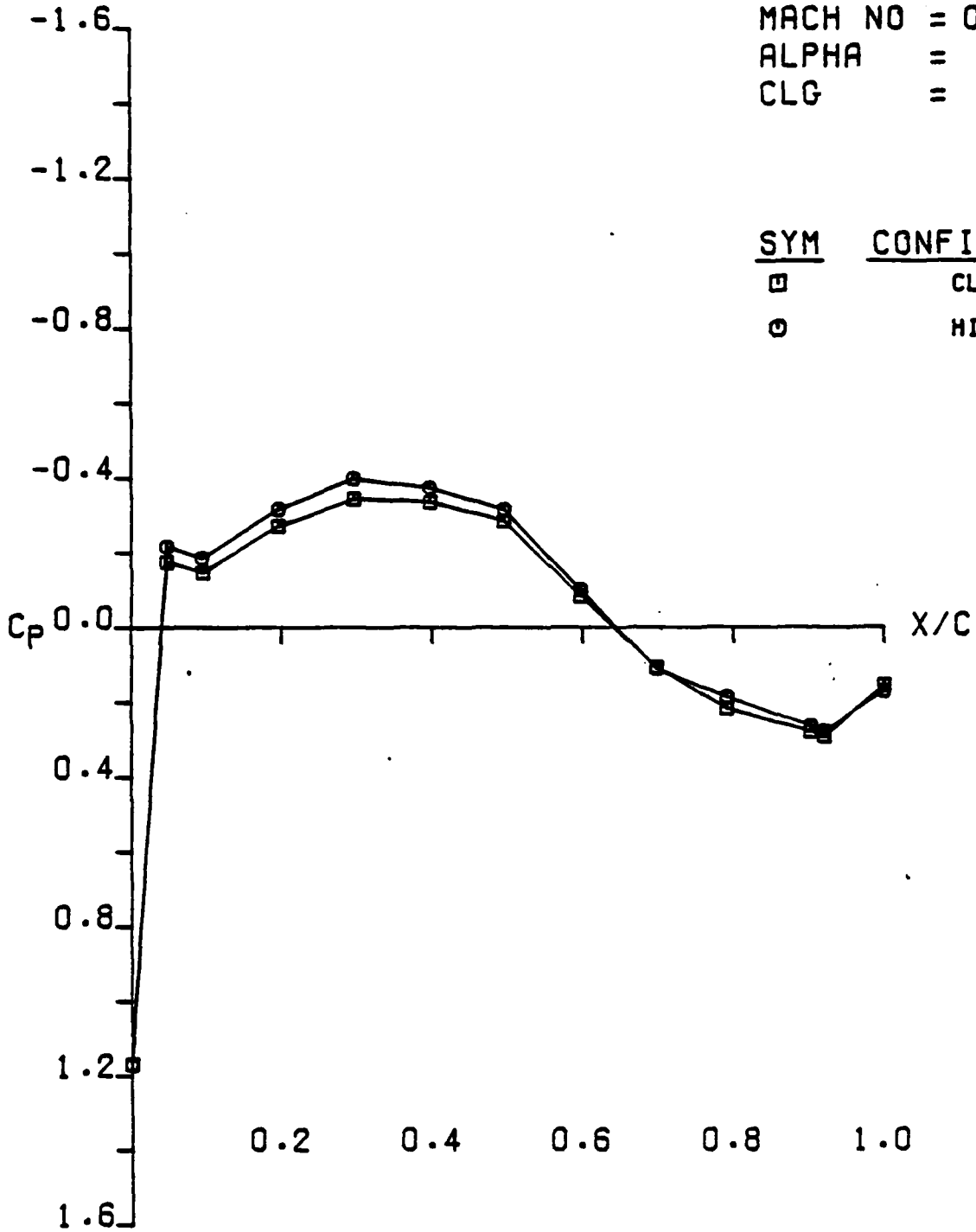
LOCKHEED CFWT SEMI-SPAN TEST. RUN 29
CLN VS HIGH (LWR SURF ETA .30)
AFOSR SEMISPAN MODEL A



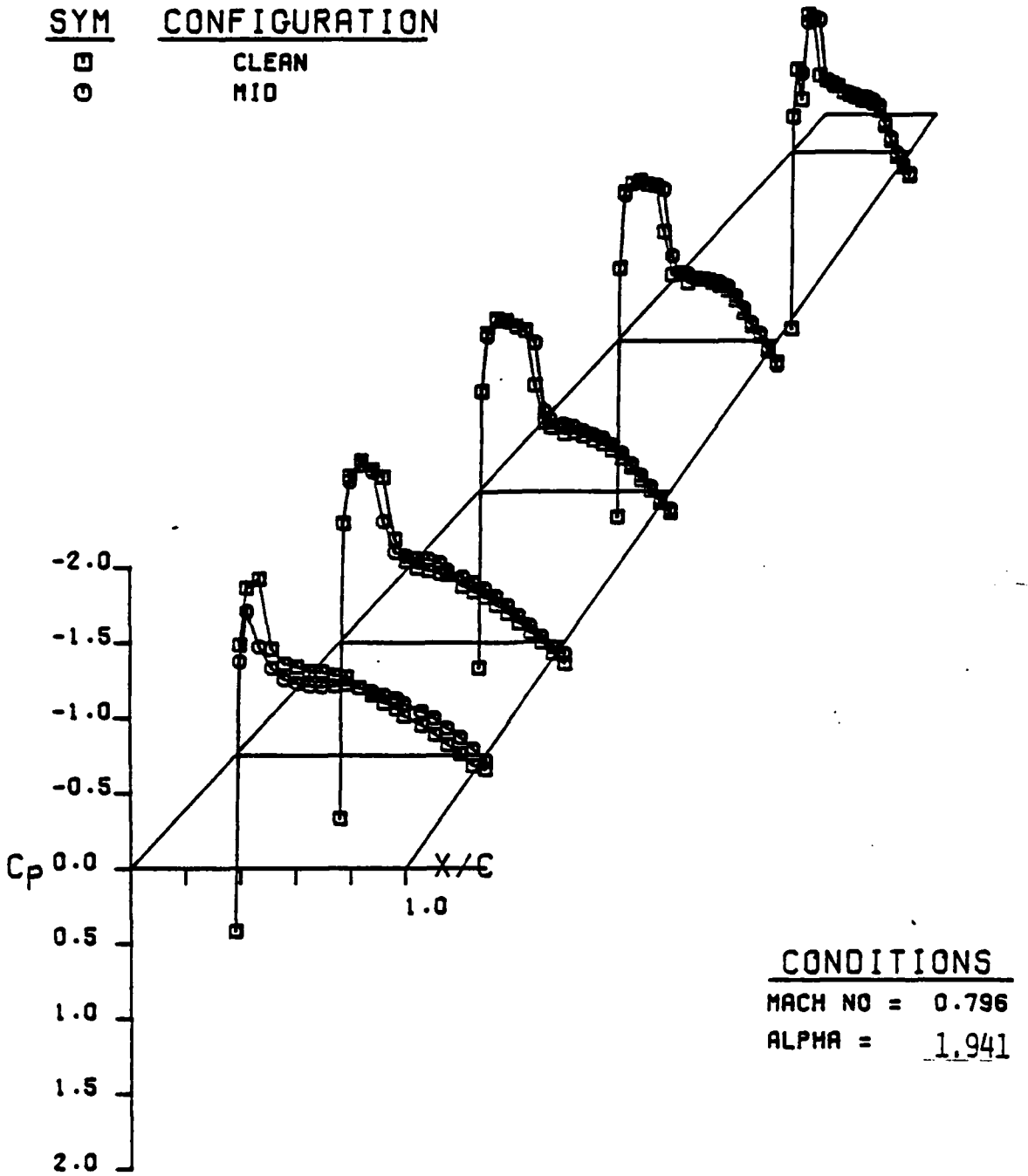
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (LWR SURF ETA .50)
AFOSR SEMISPAN MODEL A



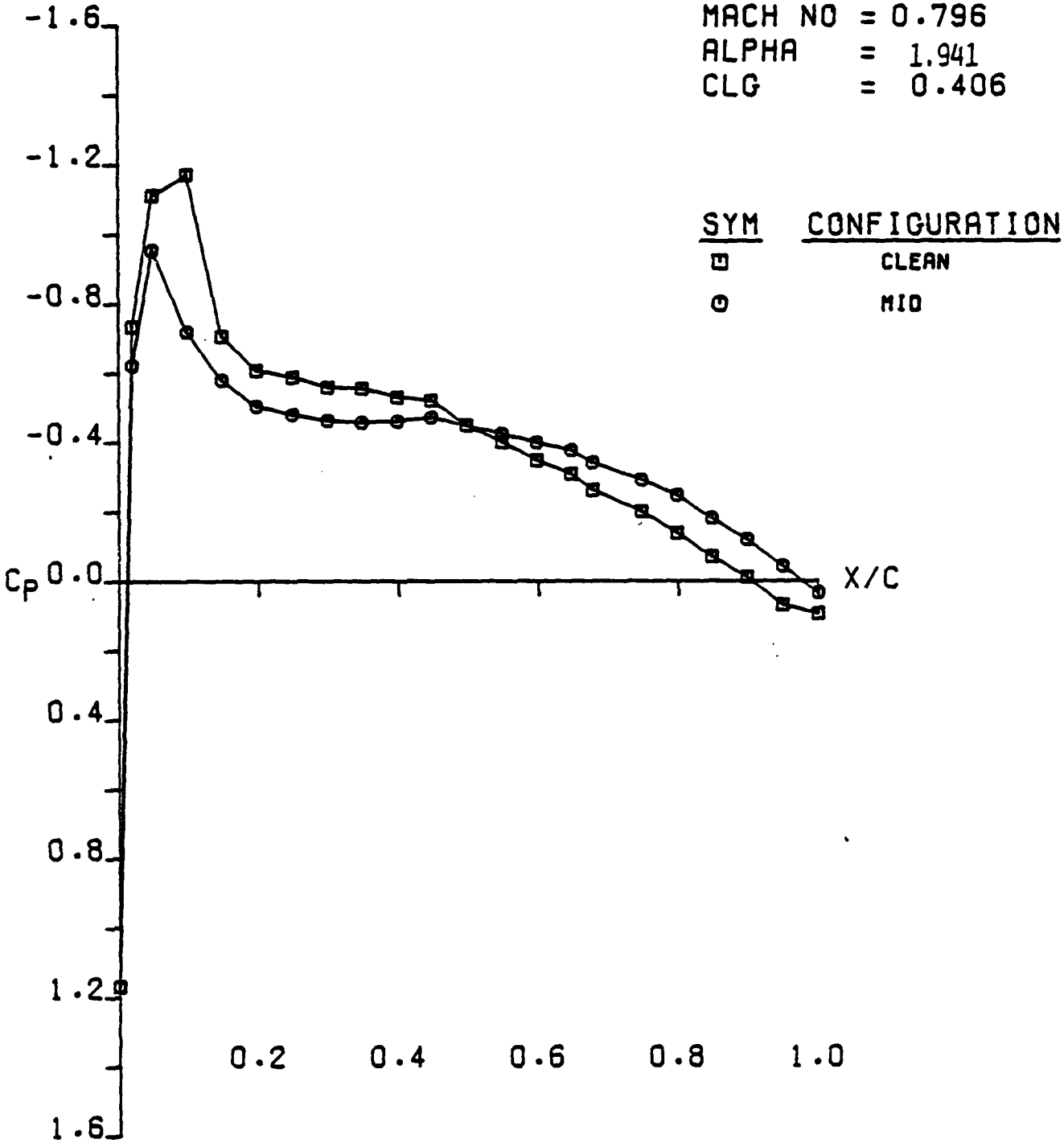
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (LWR SURF ETA .70)
AFOSR SEMISPAN MODEL A



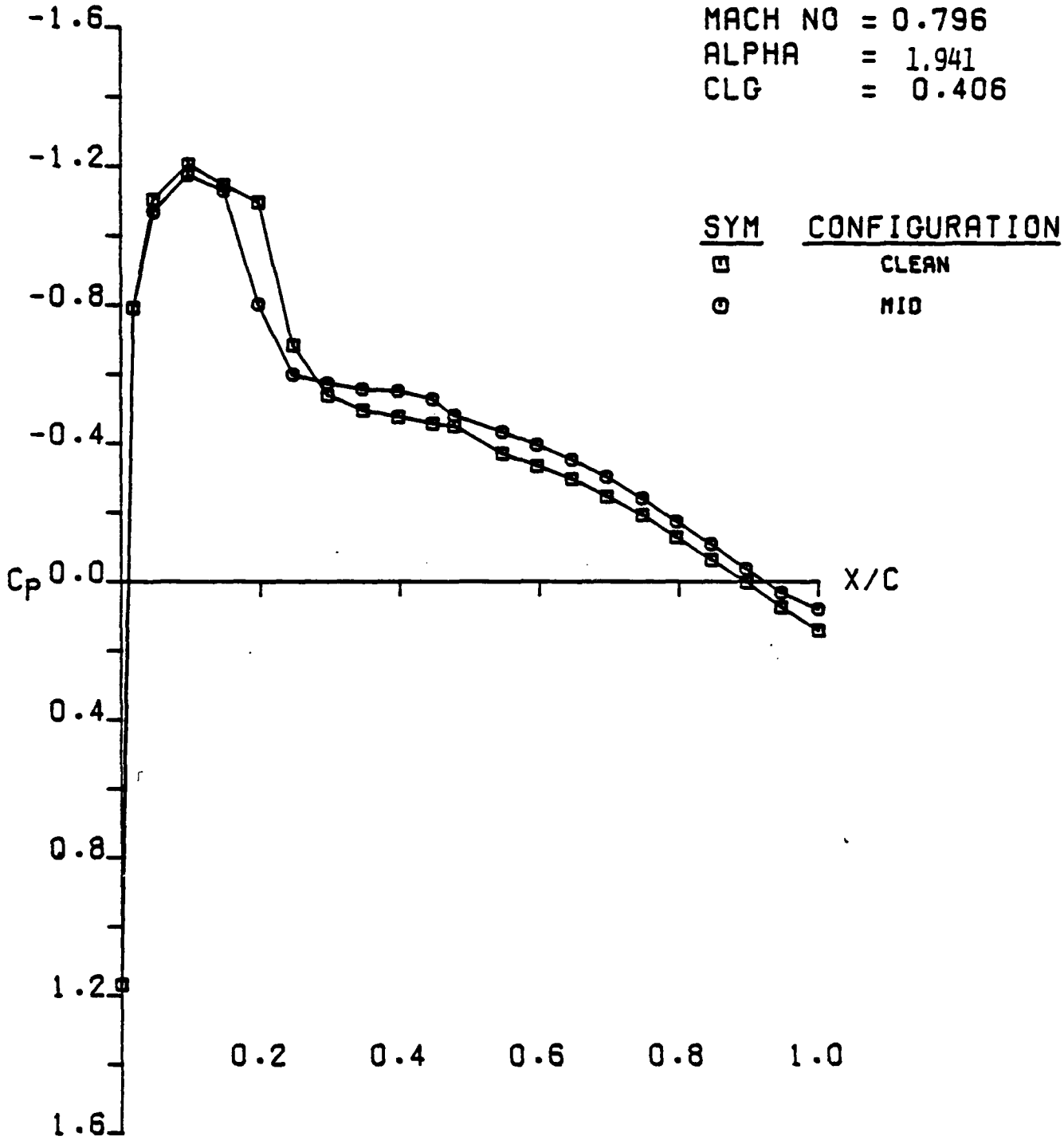
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (LWR SURF ETA .95)
AFOSR SEMISPAN MODEL A



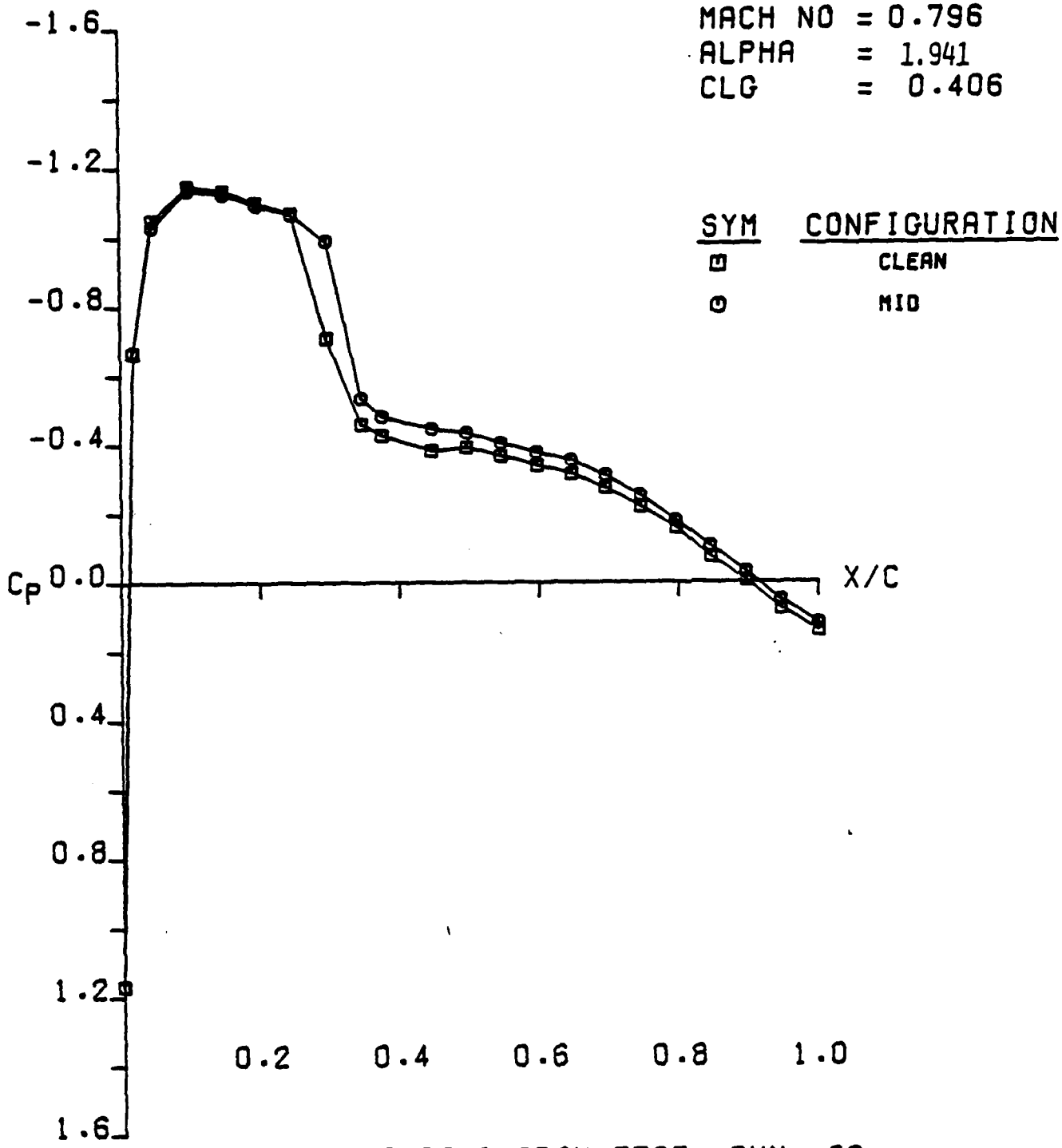
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS MID (UPR SURF)
AFOSR SEMISPAN MODEL A



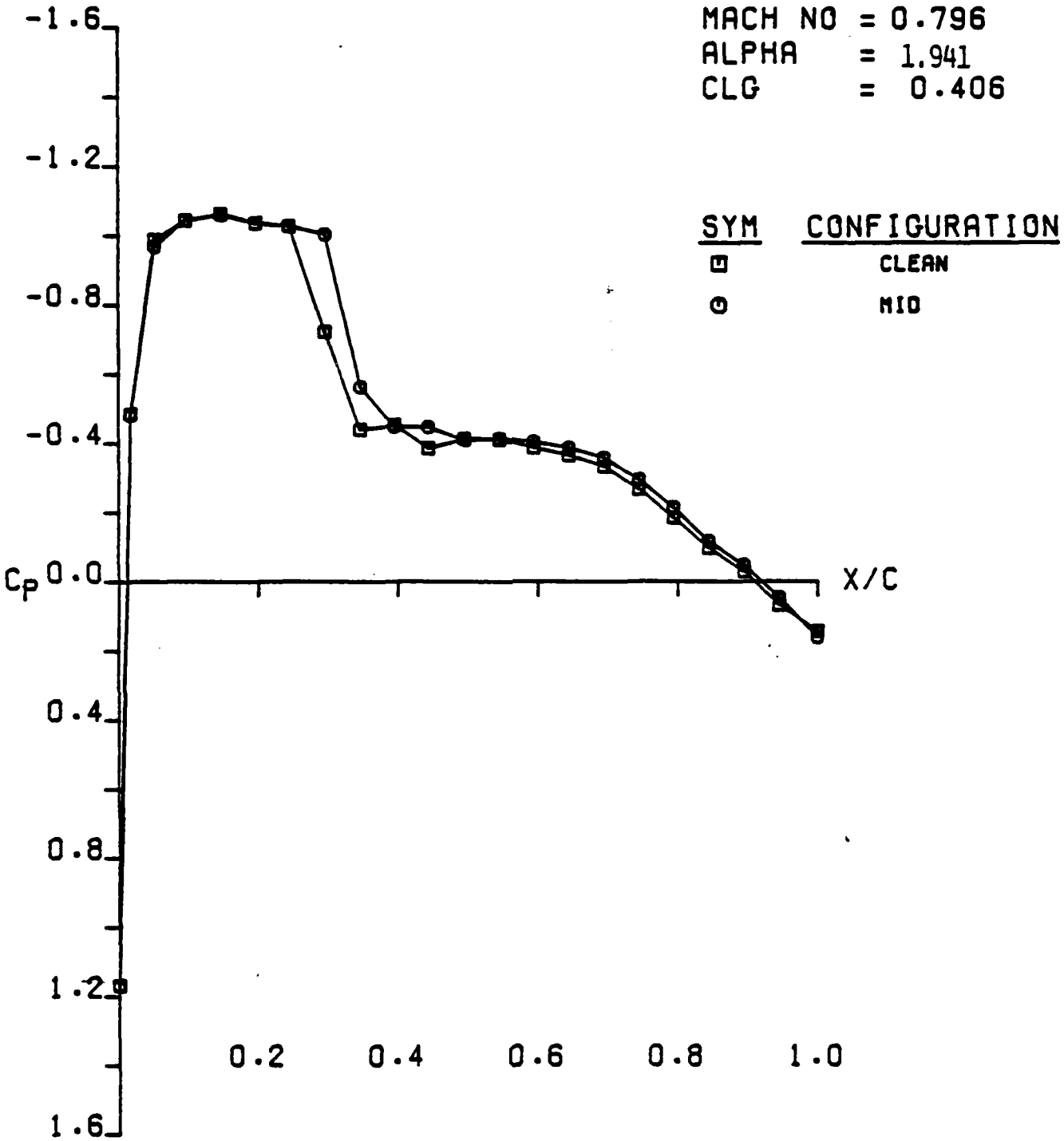
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS MID (UPR SURF ETA .15)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS MID (UPR SURF ETA .30)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS MID (UPR SURF ETA .50)
AFOSR SEMISPAN MODEL A



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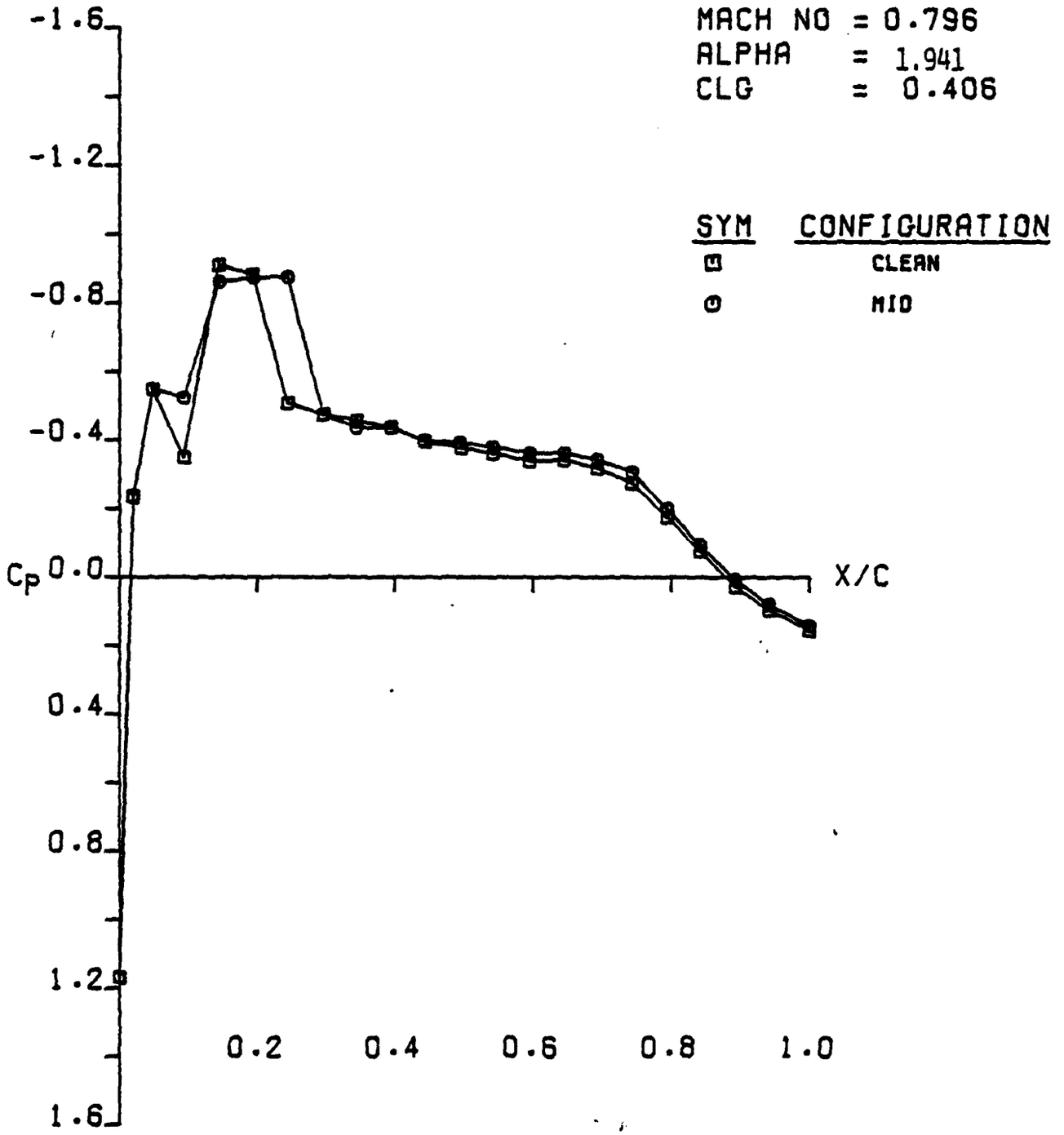
CLN VS MID (UPR SURF ETA .70)
AFOSR SEMISPAN MODEL A



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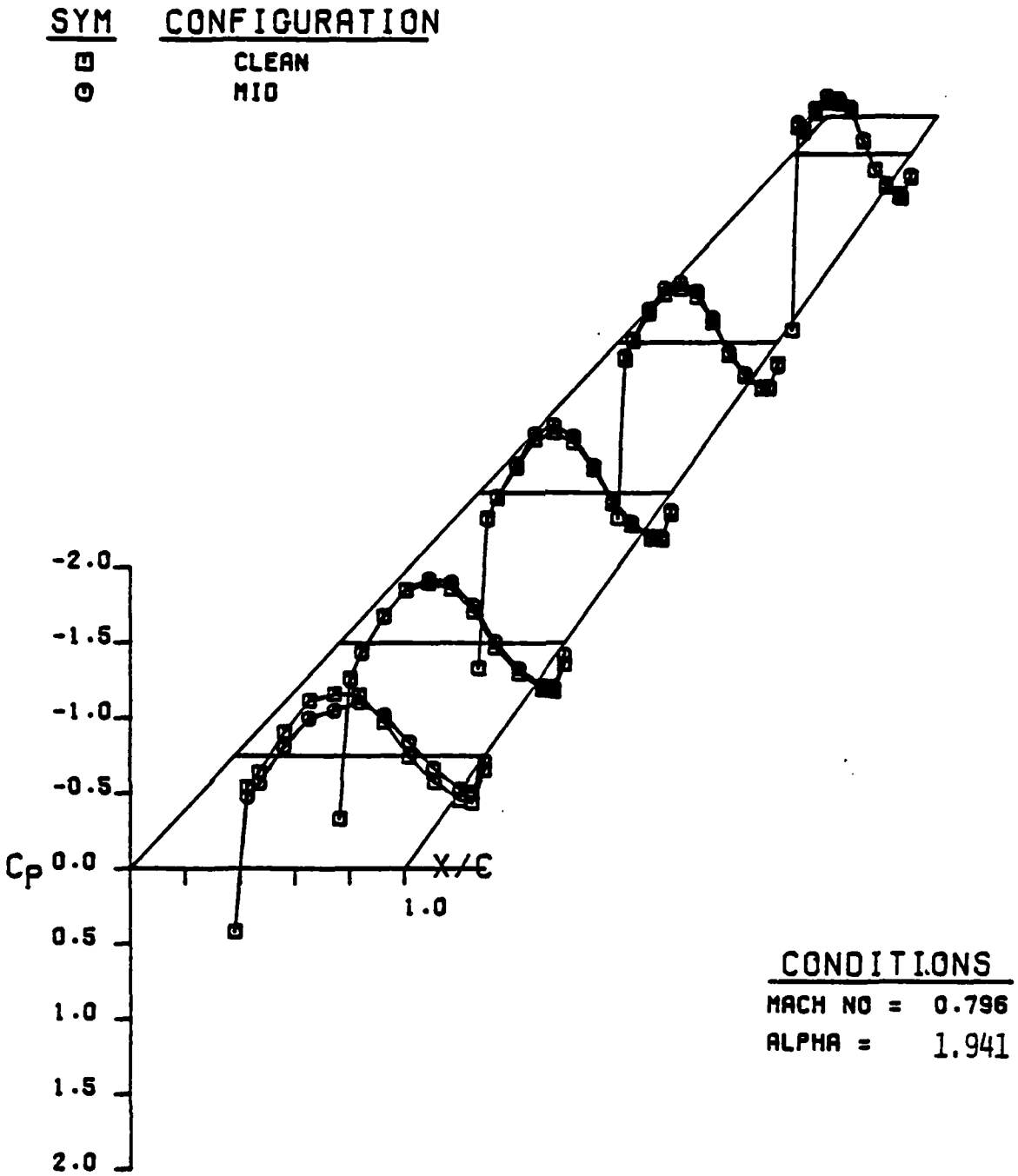
CLN VS MID (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL A



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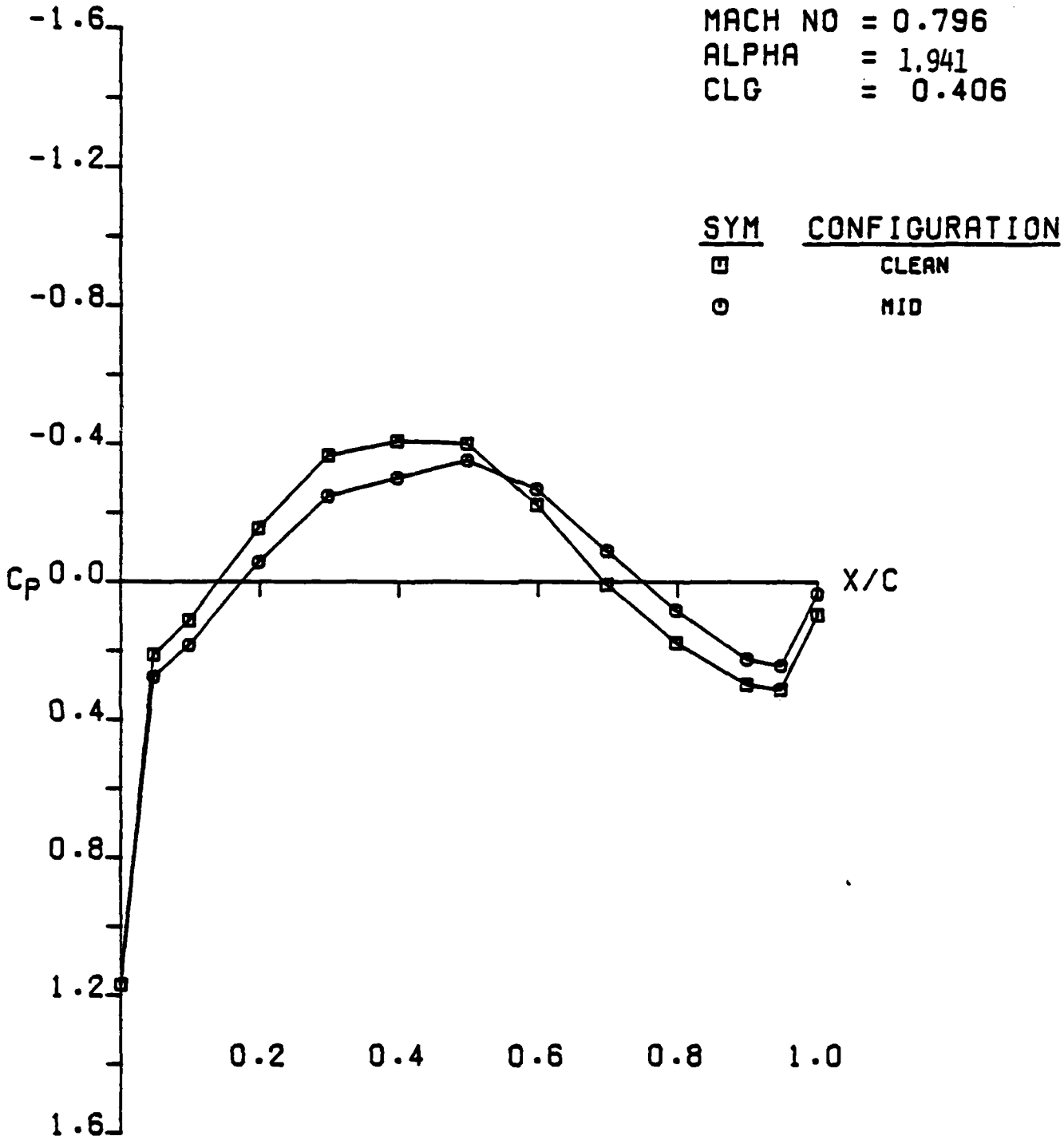
CLN VS MID (LWR SURF)
AFOSR SEMISPAN MODEL A



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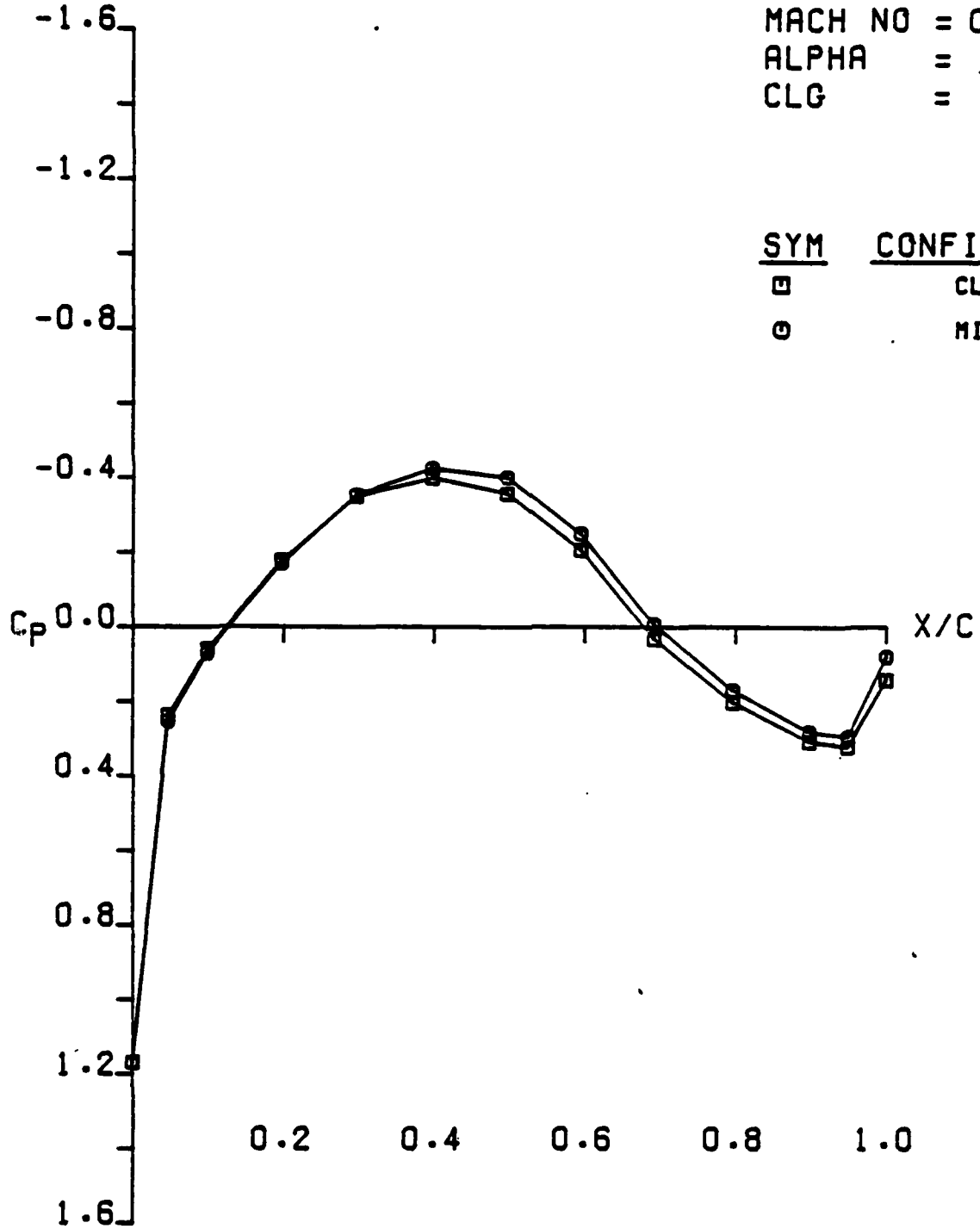
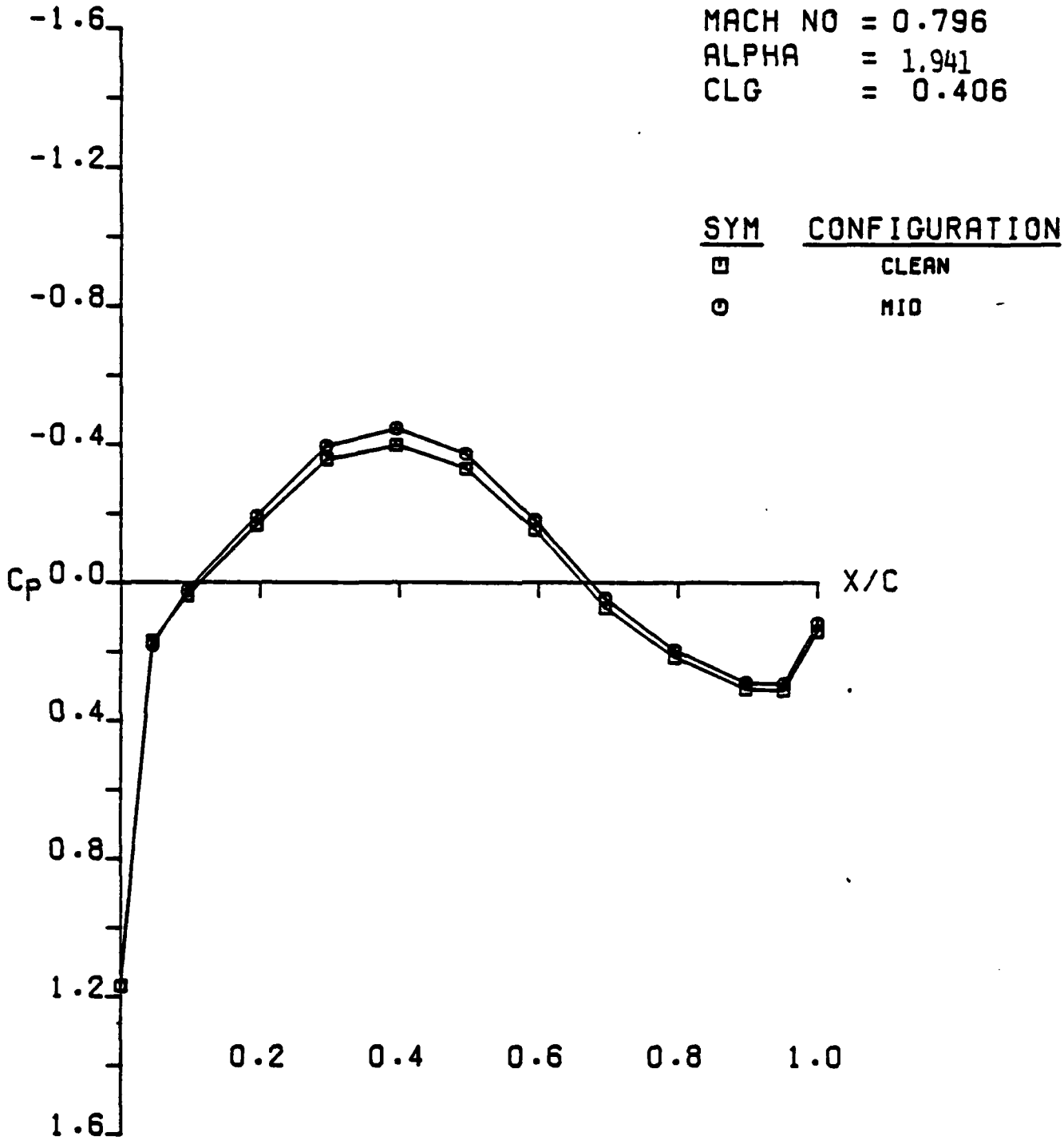
CLN VS MID (LWR SURF ETA .15)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST. RUN 29
CLN VS MID (LWR SURF ETA .30)
AFOSR SEMISPAN MODEL A



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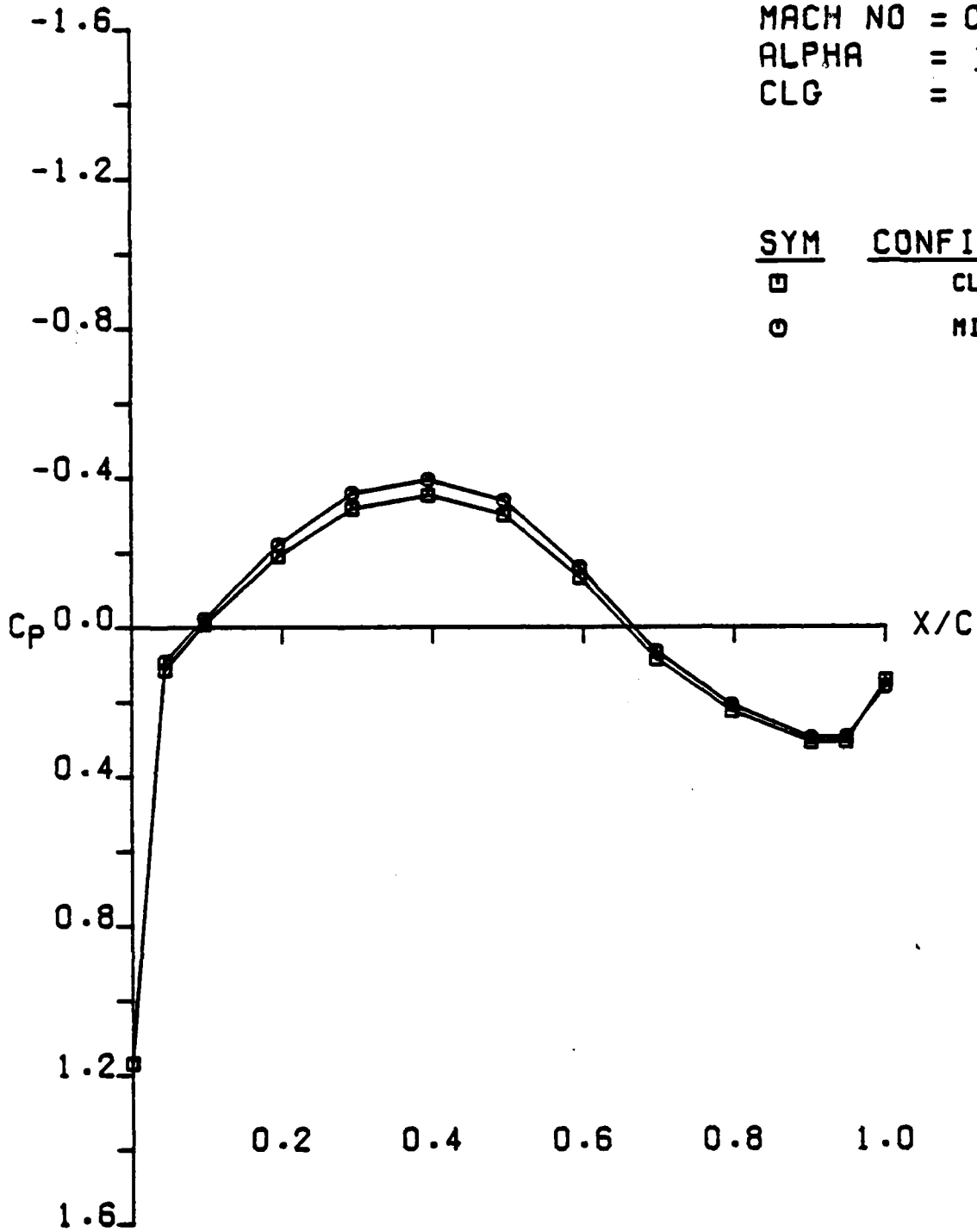
CLN VS MID (LWR SURF ETA .50)
AFOSR SEMISPAN MODEL A



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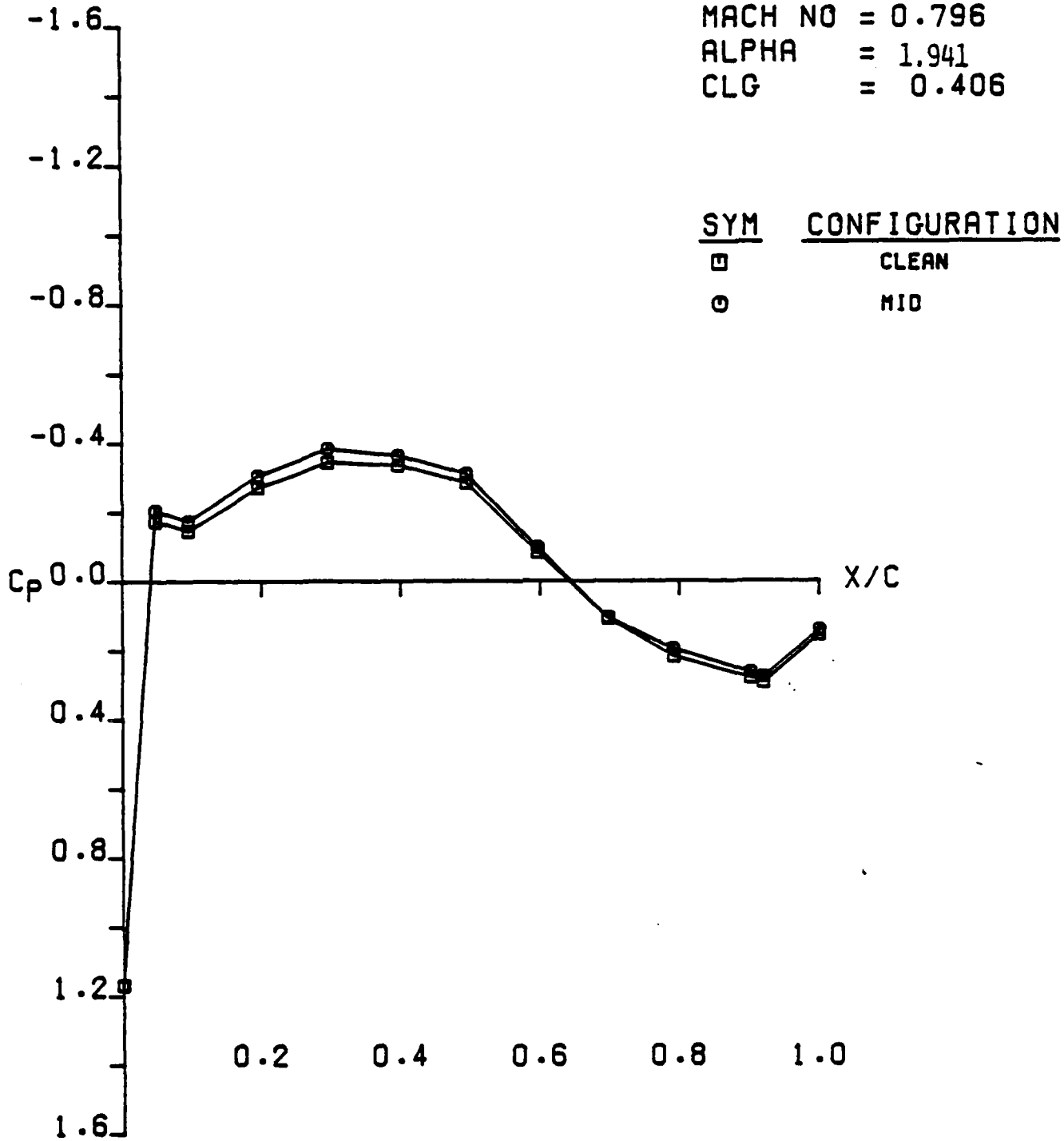
CLN VS MID (LWR SURF ETA .70)
AFOSR SEMISPAN MODEL A



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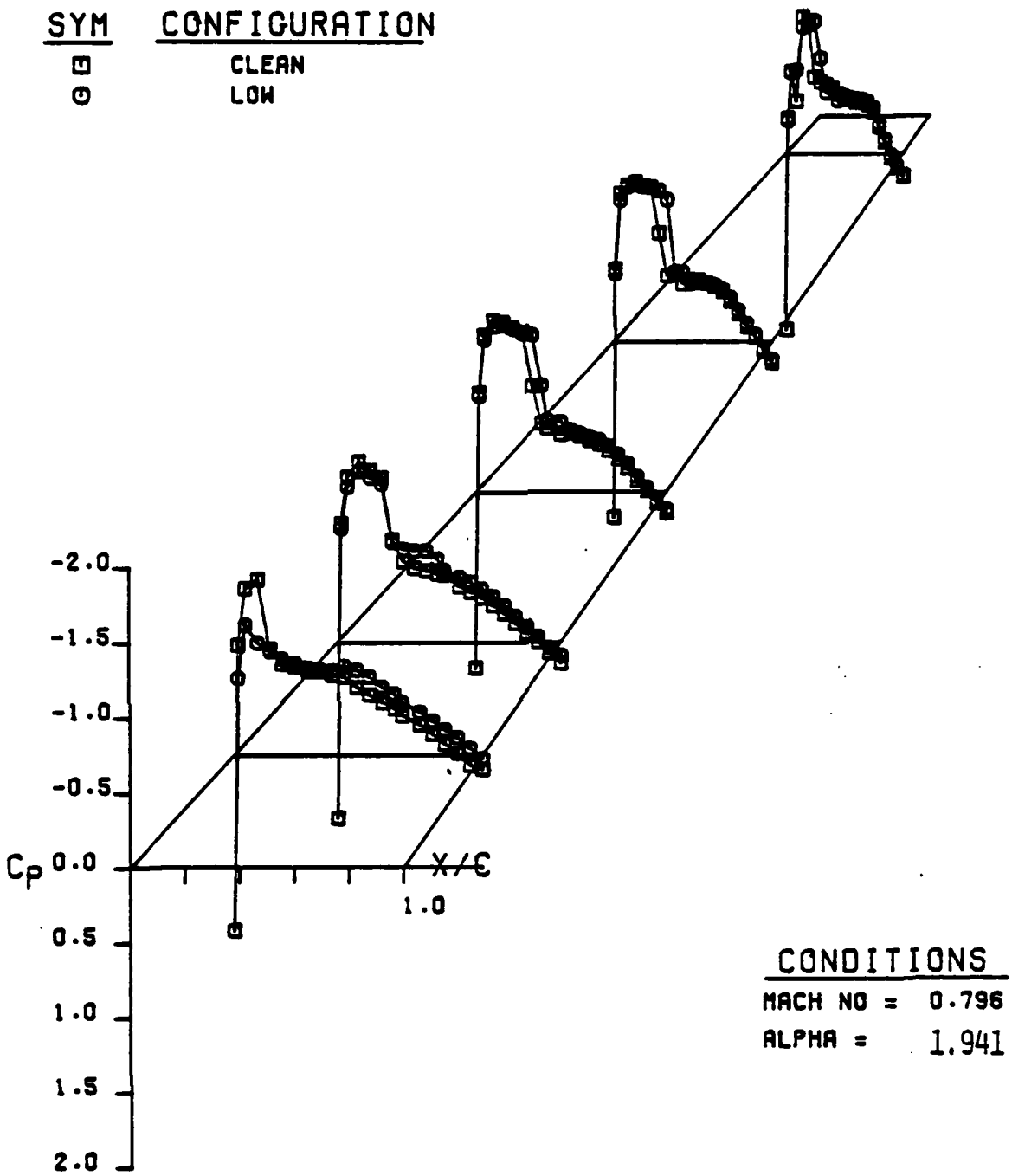
CLN VS MID (LWR SURF ETA .95)
AFOSR SEMISPAN MODEL A



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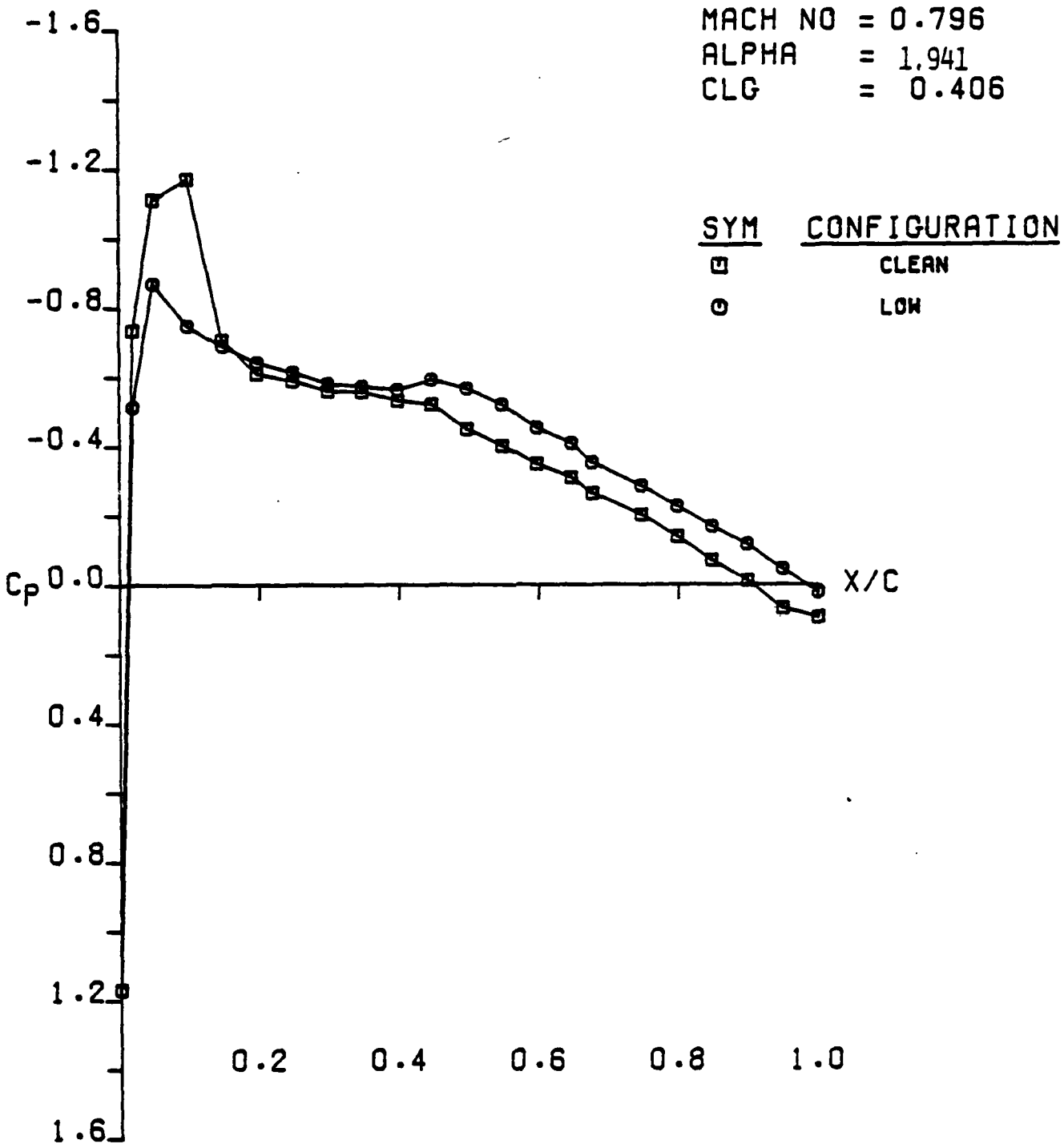
CLN VS LOW (UPR SURF)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (UPR SURF ETA .15)
AFOSR SEMISPAN MODEL A

AD-A085 259 LOCKHEED-GEORGIA CO MARIETTA F/G 20/4
ACQUISITION AND APPLICATION OF TRANSONIC WING AND FAR-FIELD TES--ETC(U)
MAR 80 B L HINSON, K P BURDGES F49620-78-C-0068
UNCLASSIFIED LG80ER0012-VOL-2 AFOSR-TR-80-0422-VOL-2-APP NL

2 OF 8
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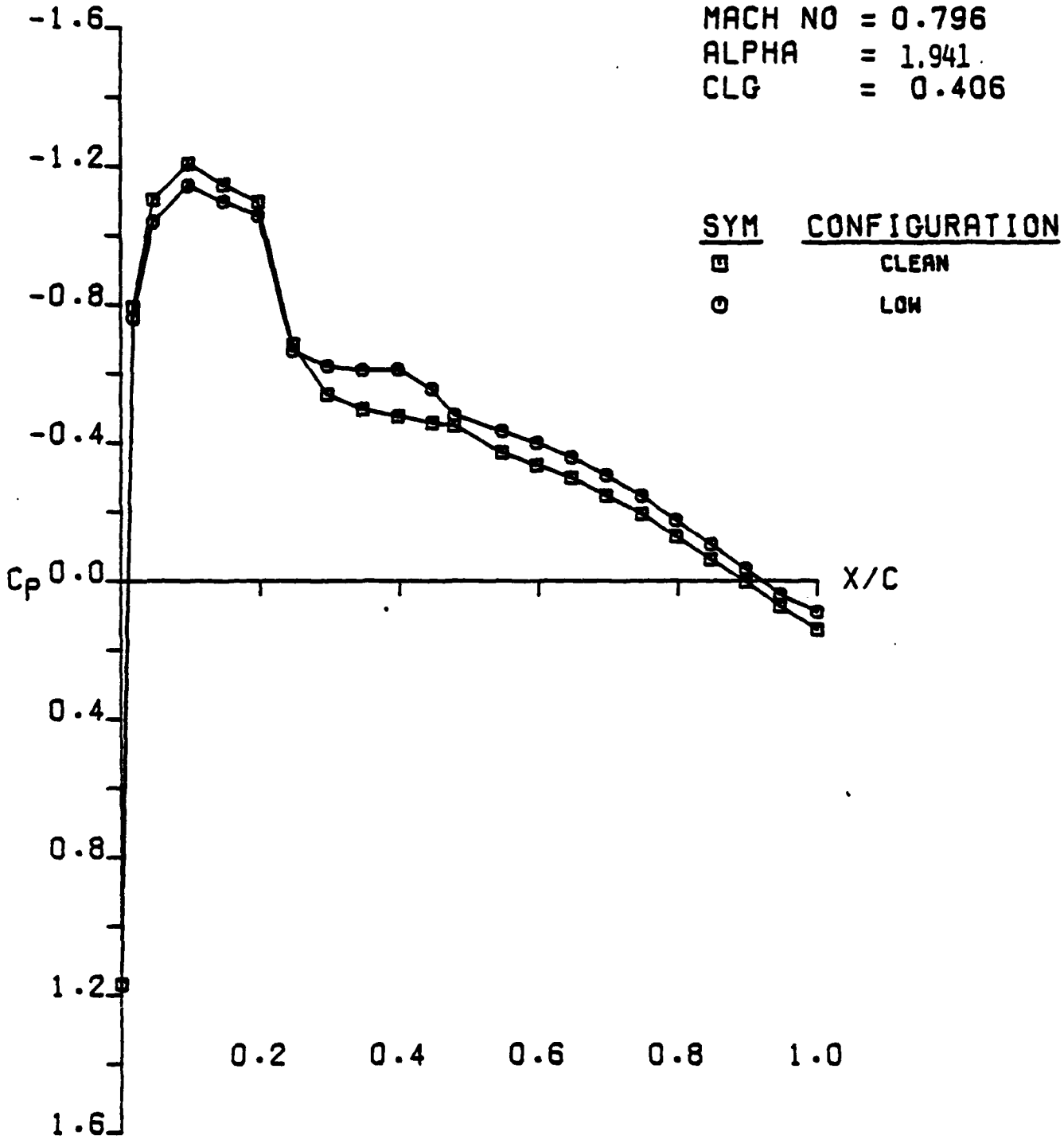
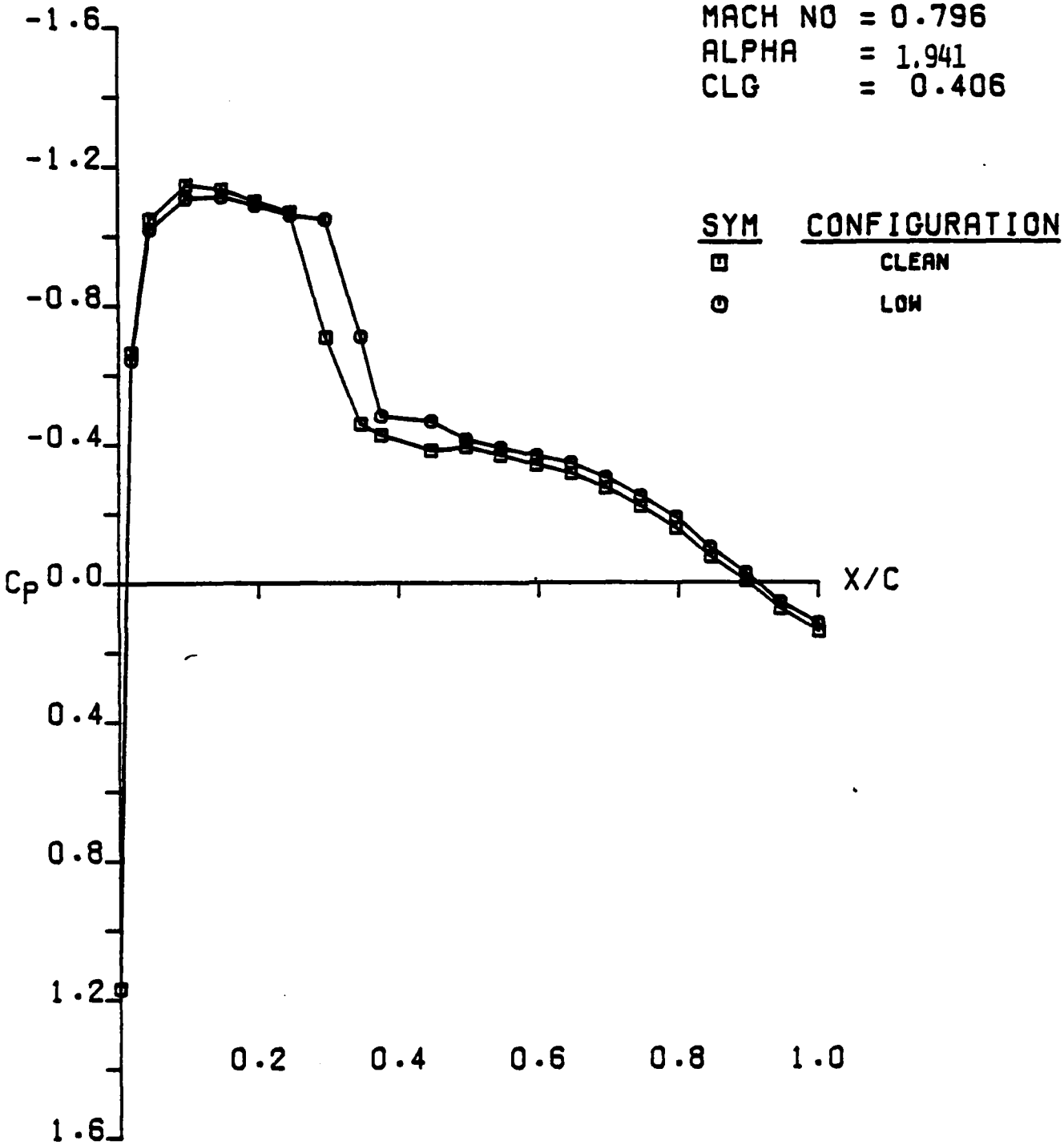
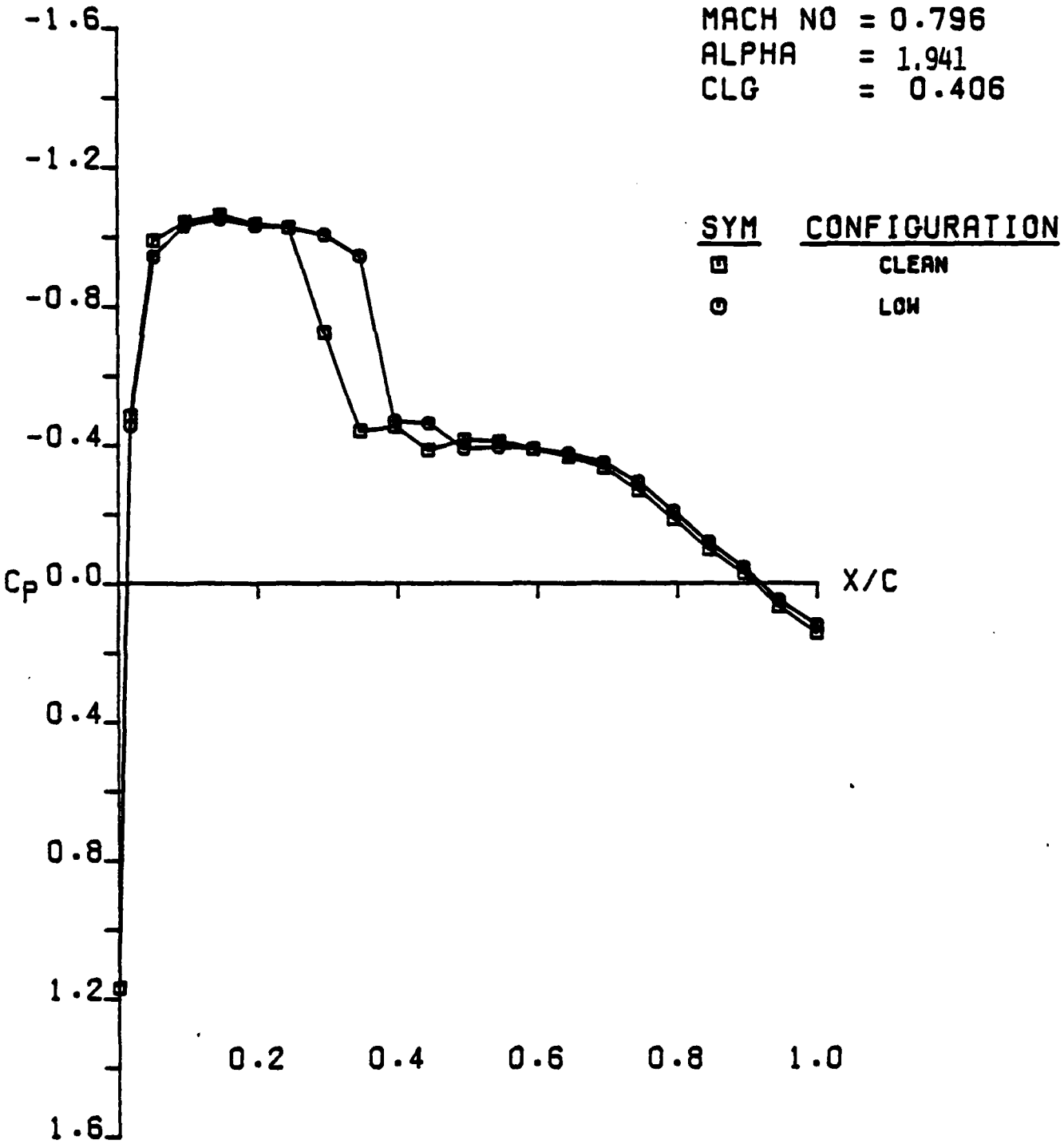


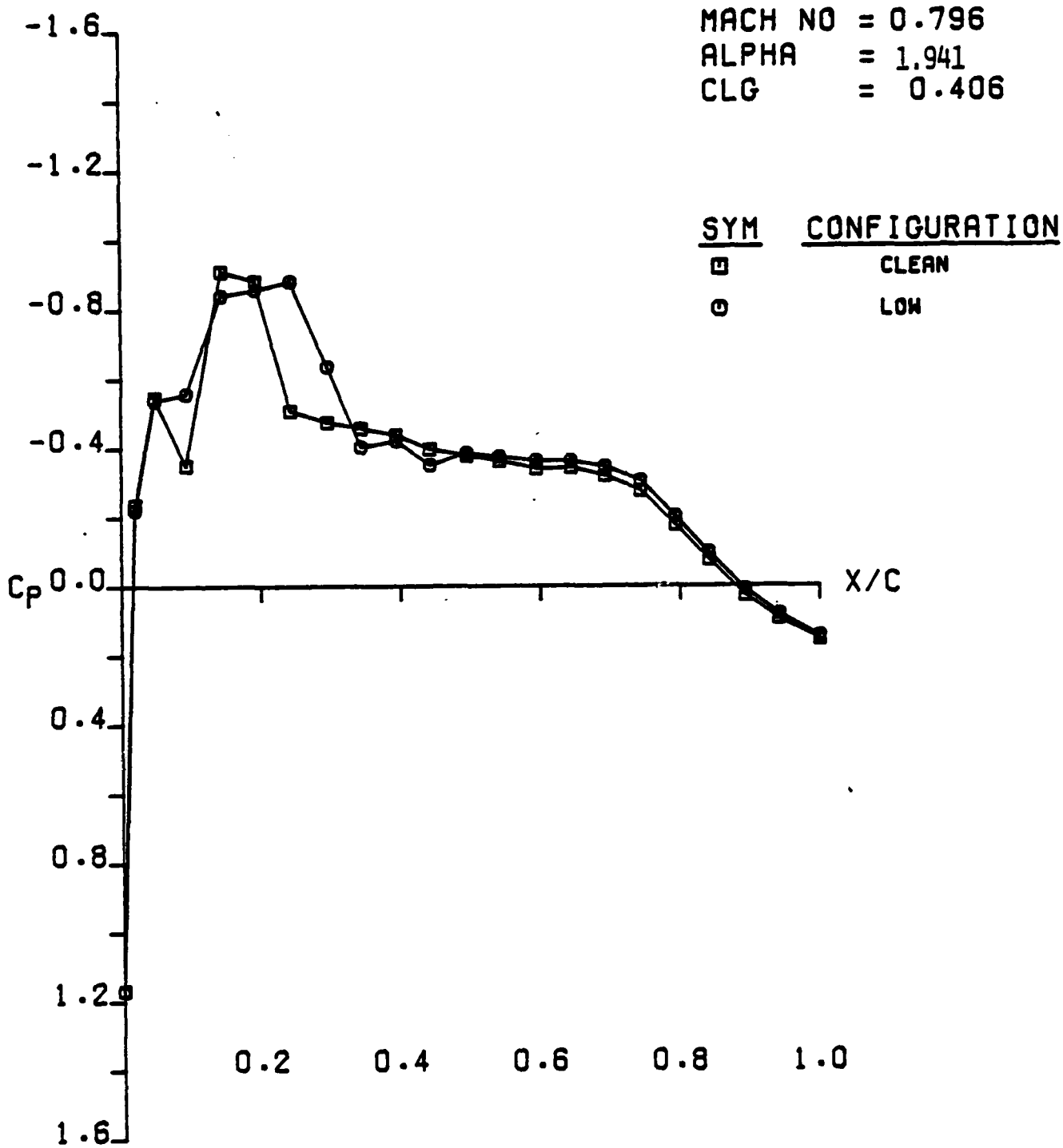
LOCKHEED CFWT SEMI-SPAN TEST. RUN 29
CLN VS LOW (UPR SURF ETA .30)
AFOSR SEMISPAN MODEL A



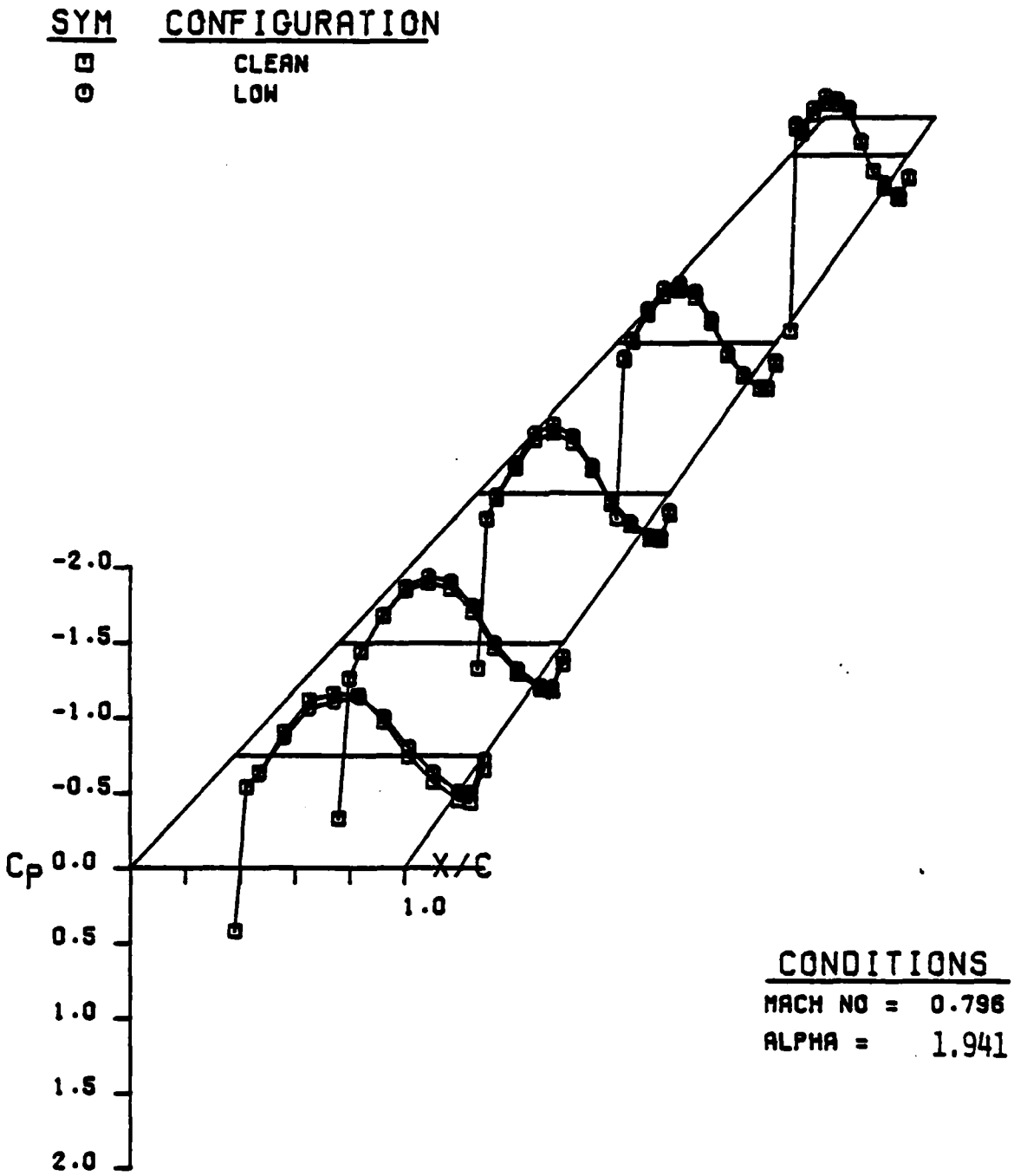
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (UPR SURF ETA .50)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (UPR SURF ETA .70)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL A



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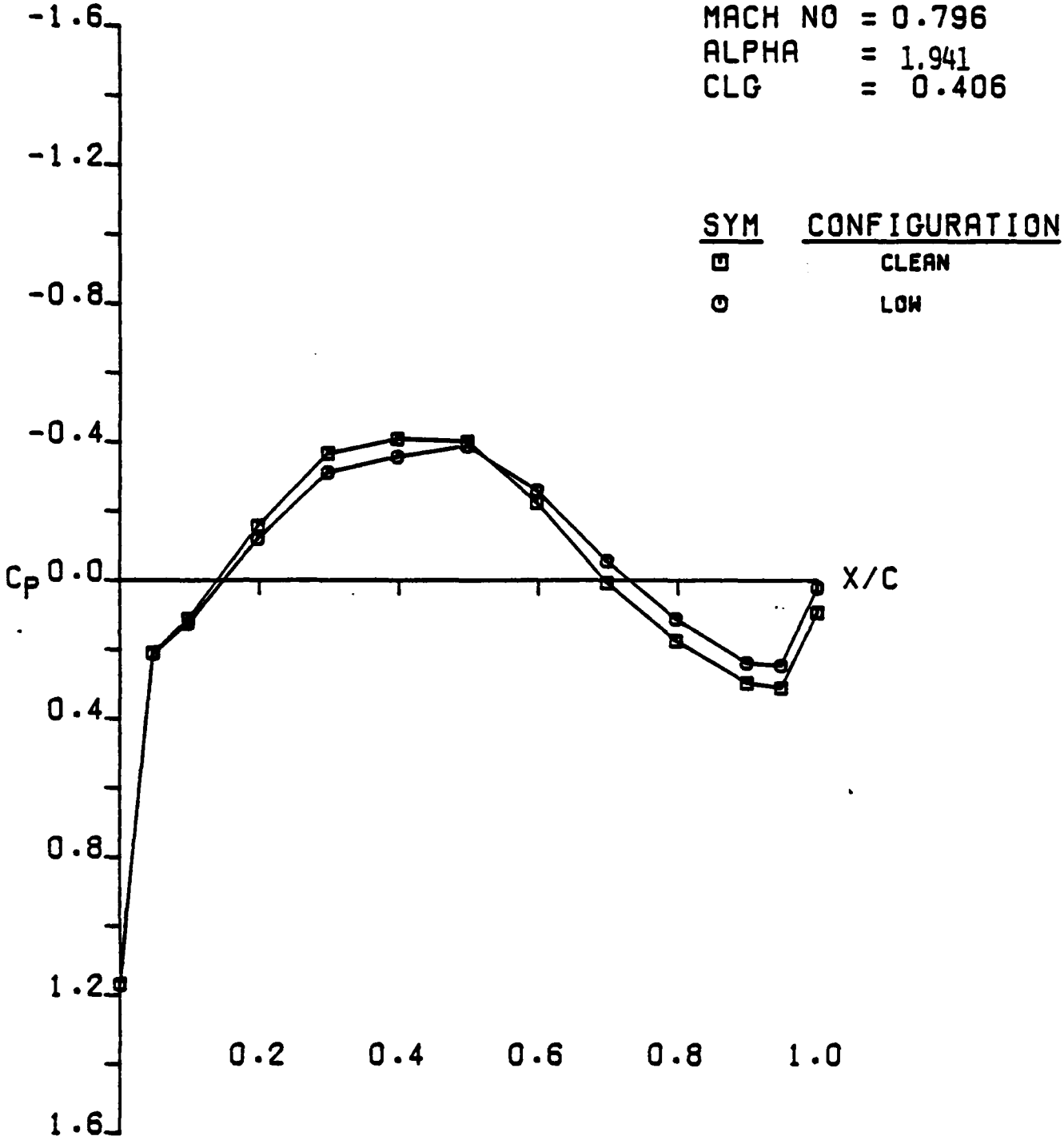
CLN VS LOW (LWR SURF)
AFOSR SEMISPAN MODEL A



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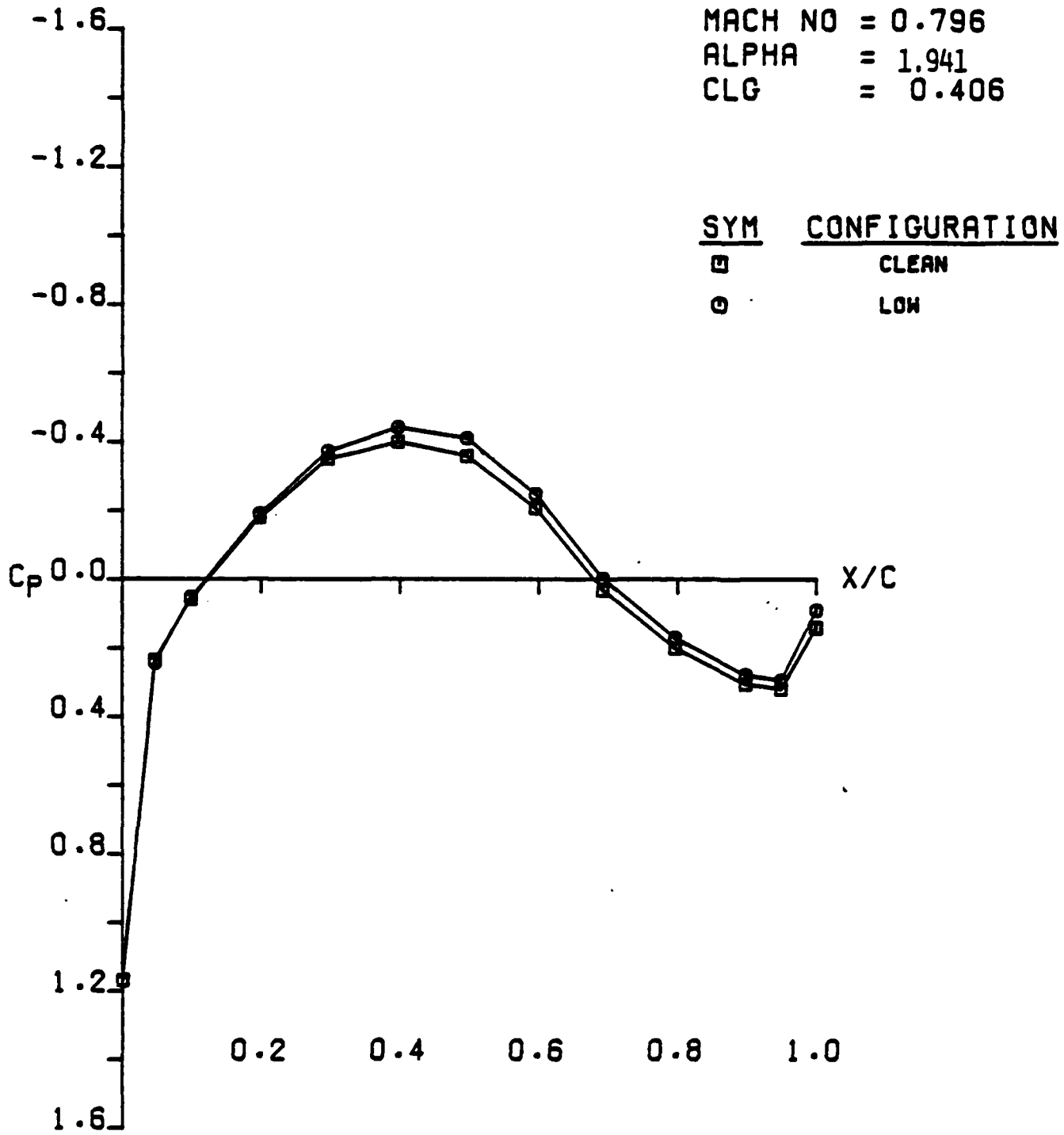
CLN VS LOW (LWR SURF ETA .15)
AFOSR SEMISPAN MODEL A



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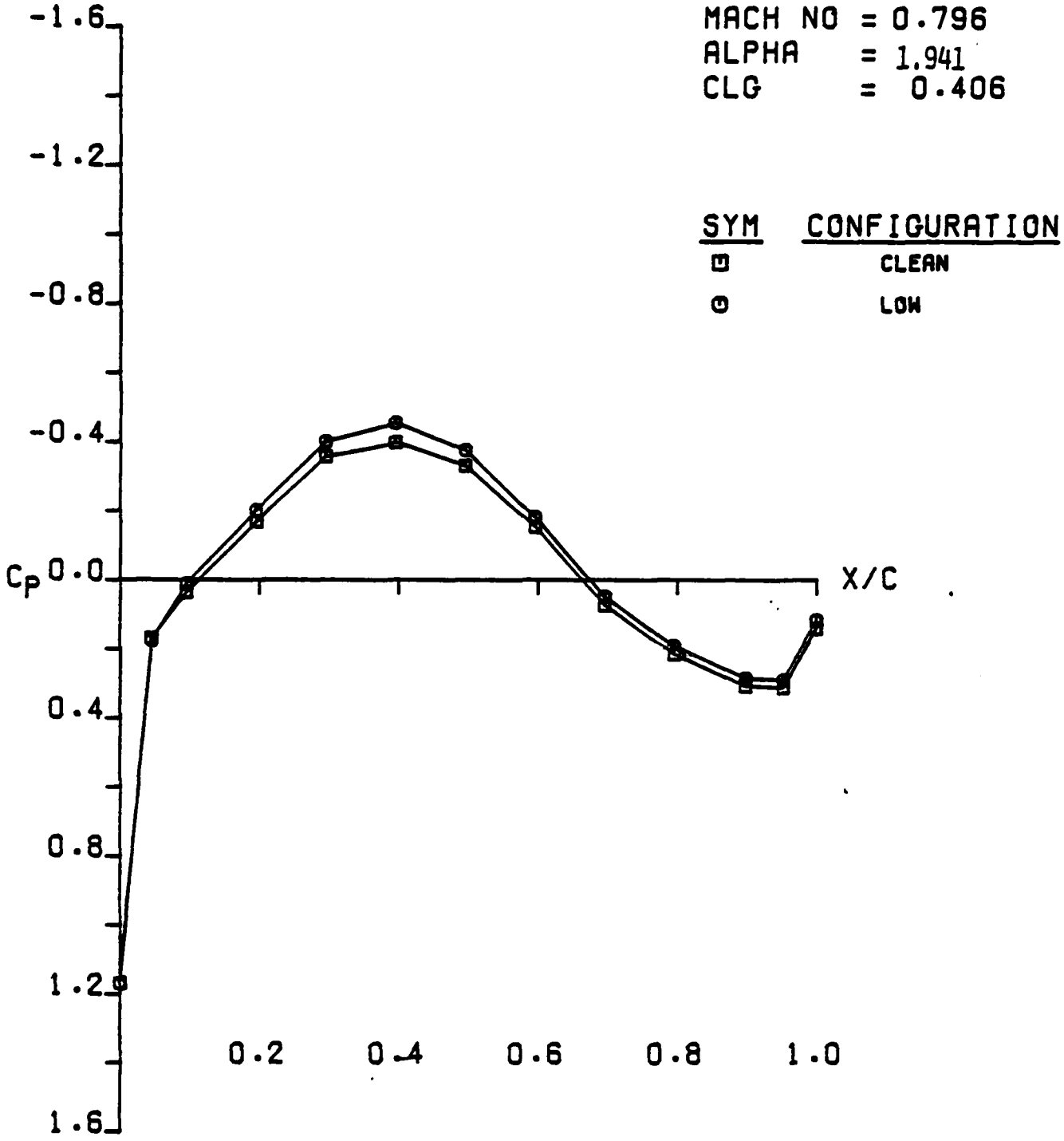
CLN VS LOW (LWR SURF ETA .30)
AFOSR SEMISPAN MODEL A



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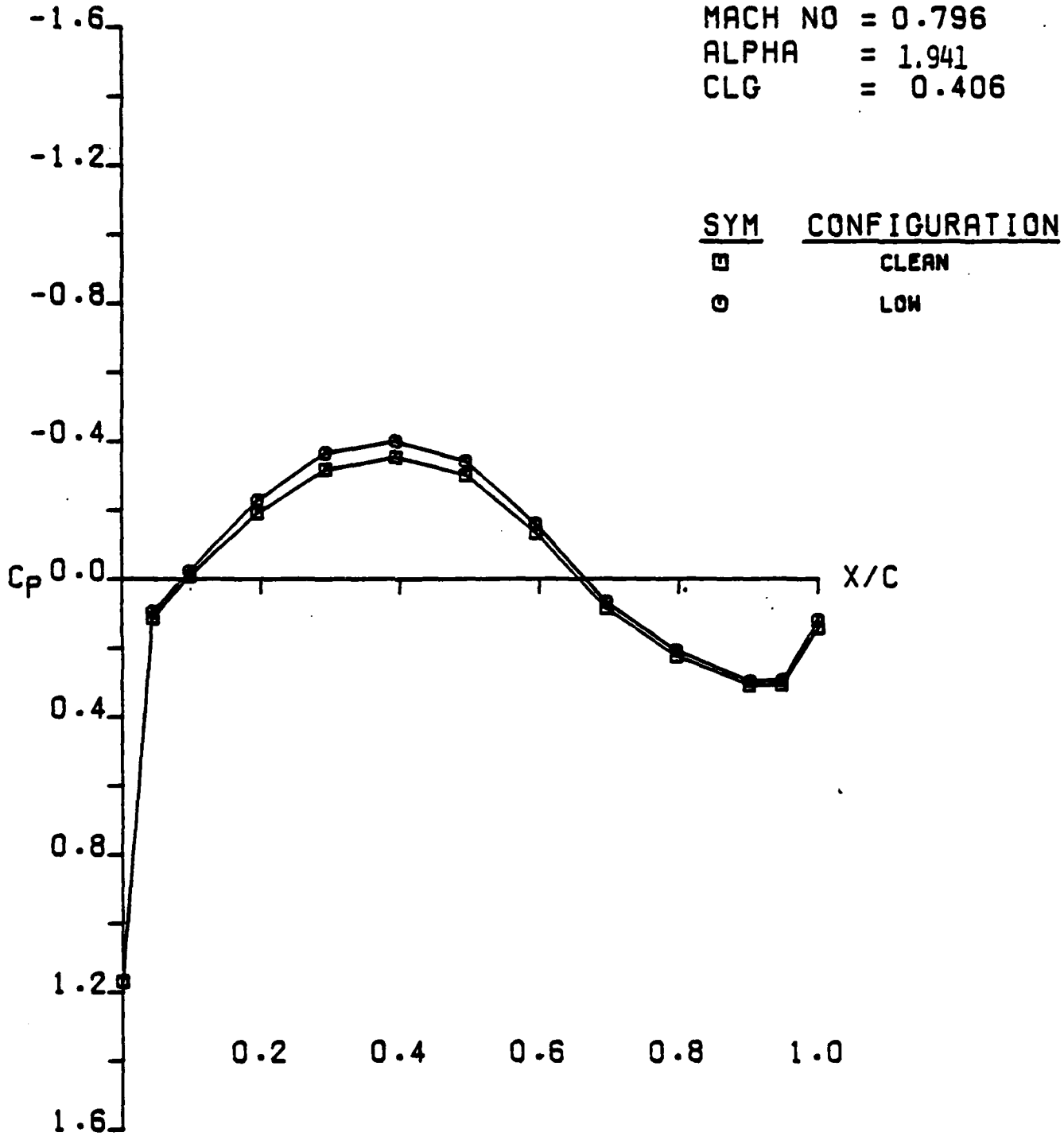
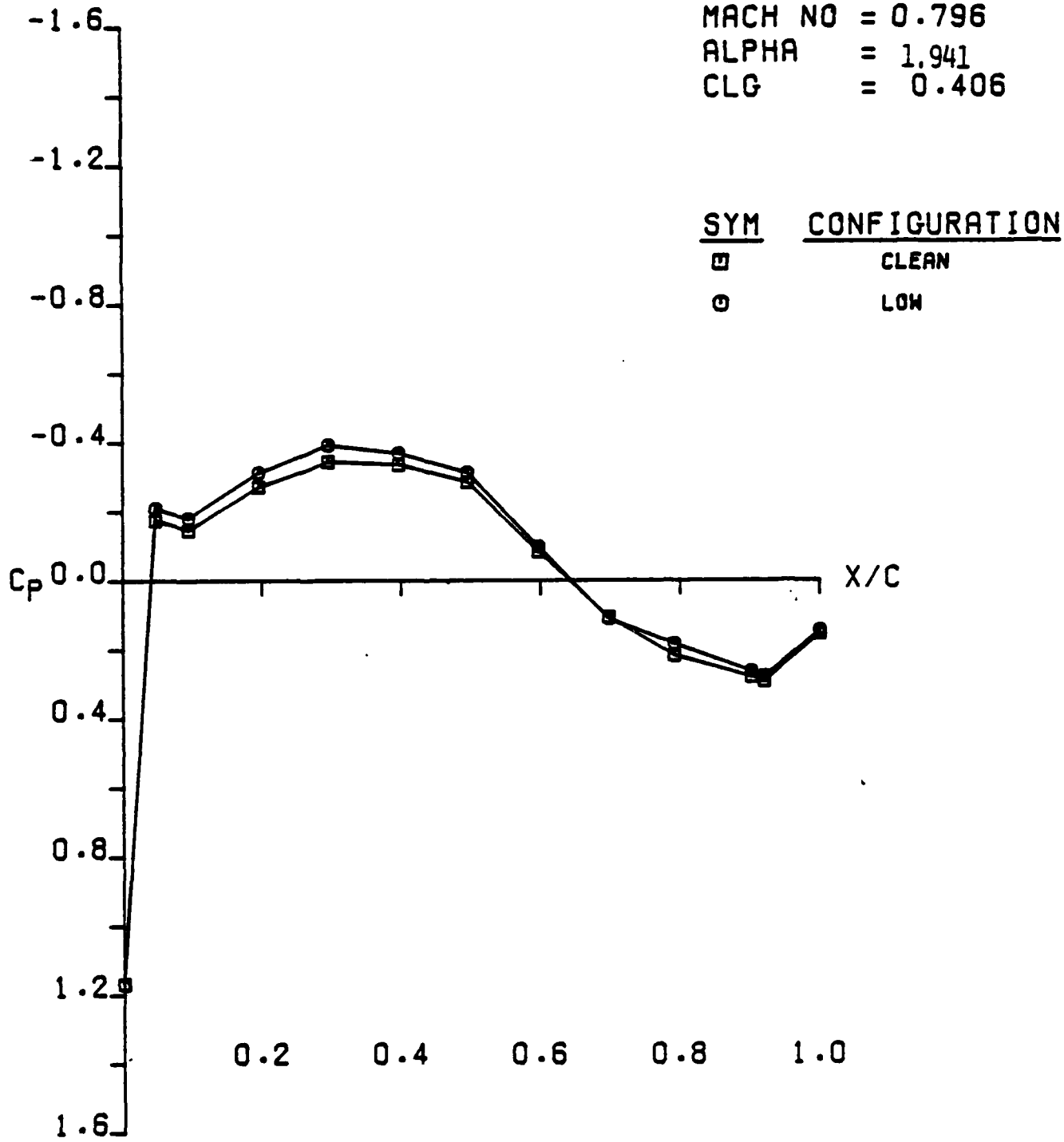
CLN VS LOW (LWR SURF ETA .50)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (LWR SURF ETA .70)
AFOSR SEMISPAN MODEL A



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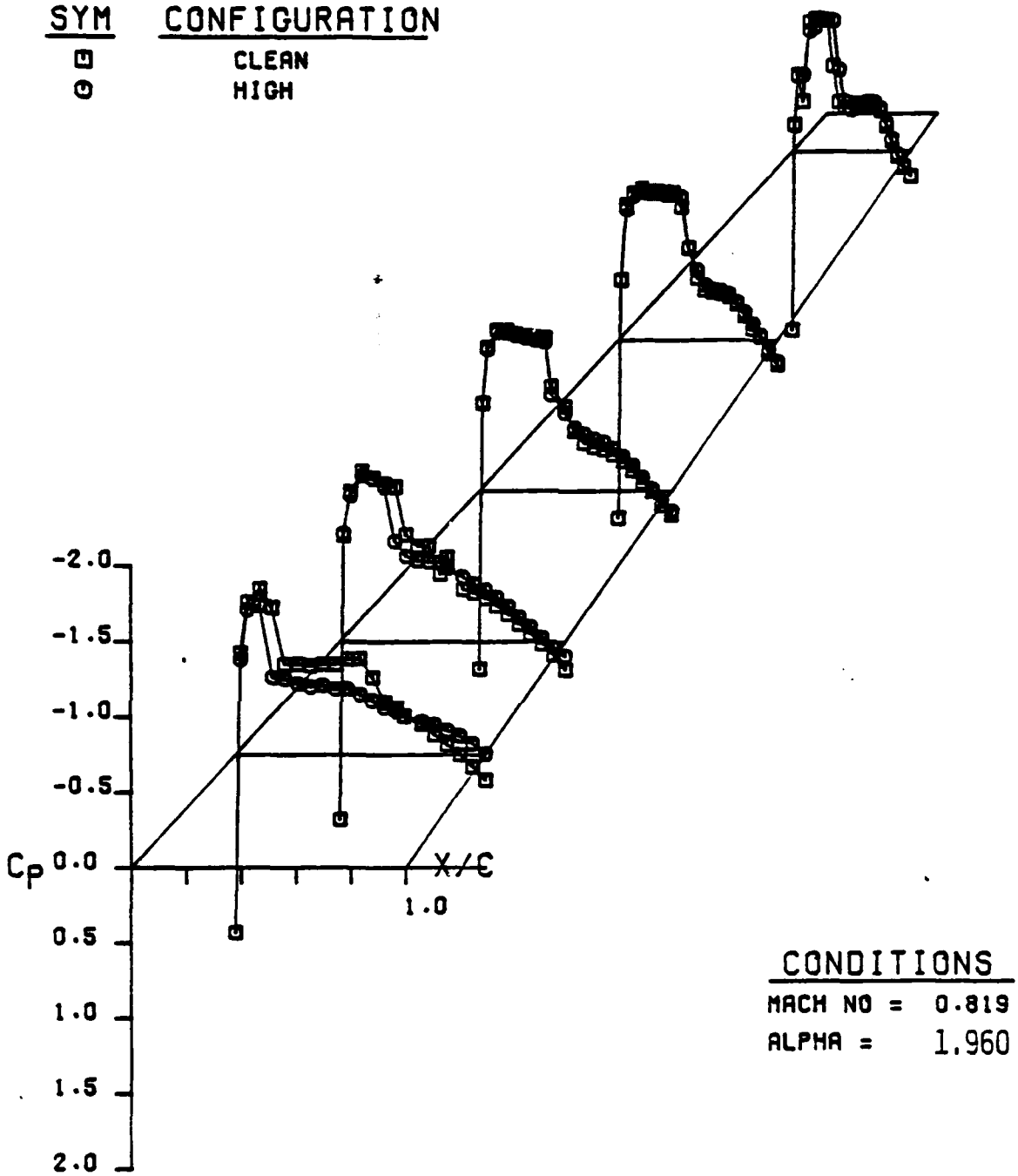
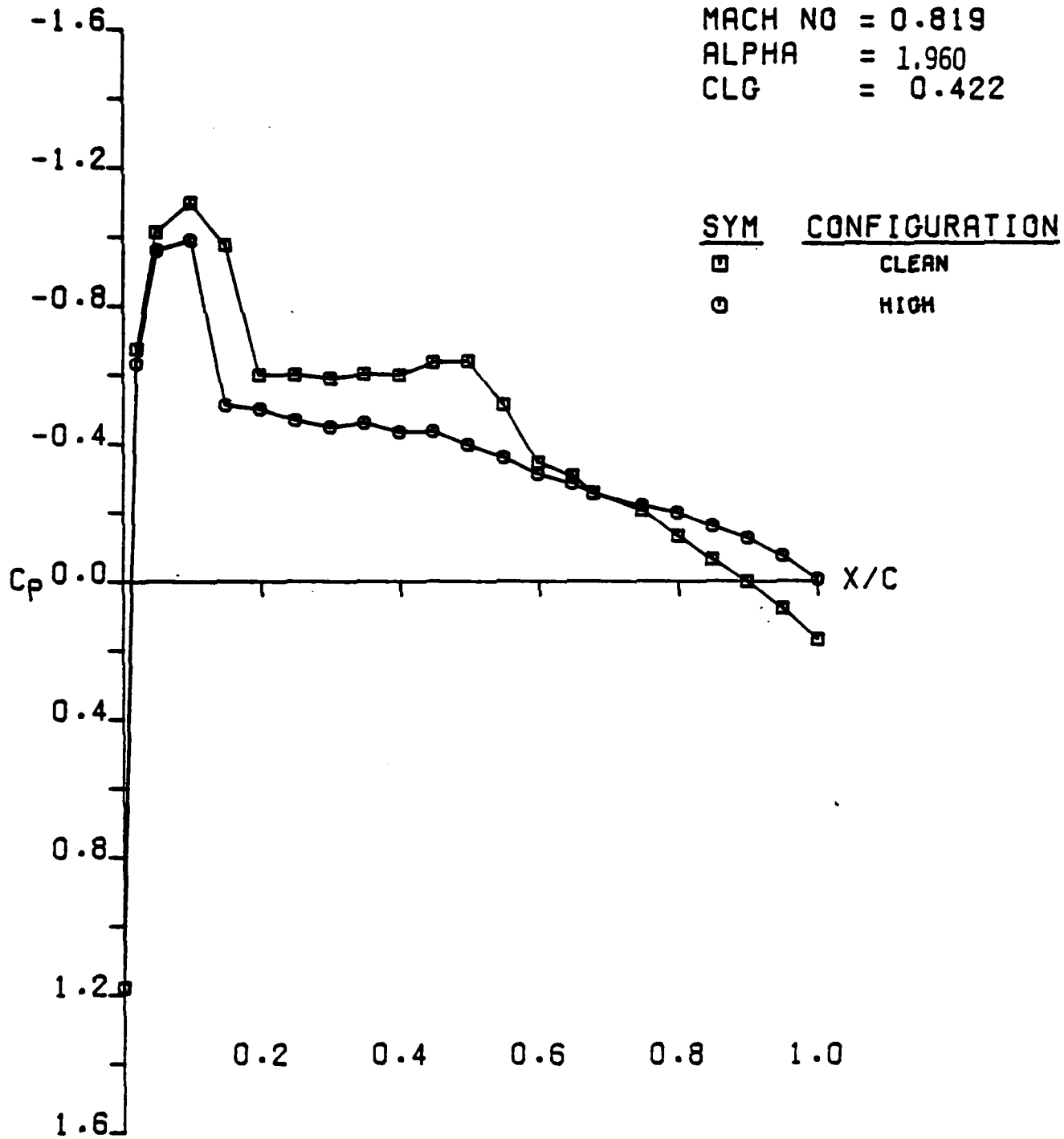
CLN VS LOW (LWR SURF ETA .95)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS HIGH (UPR SURF)
AFOSR SEMISPAN MODEL A



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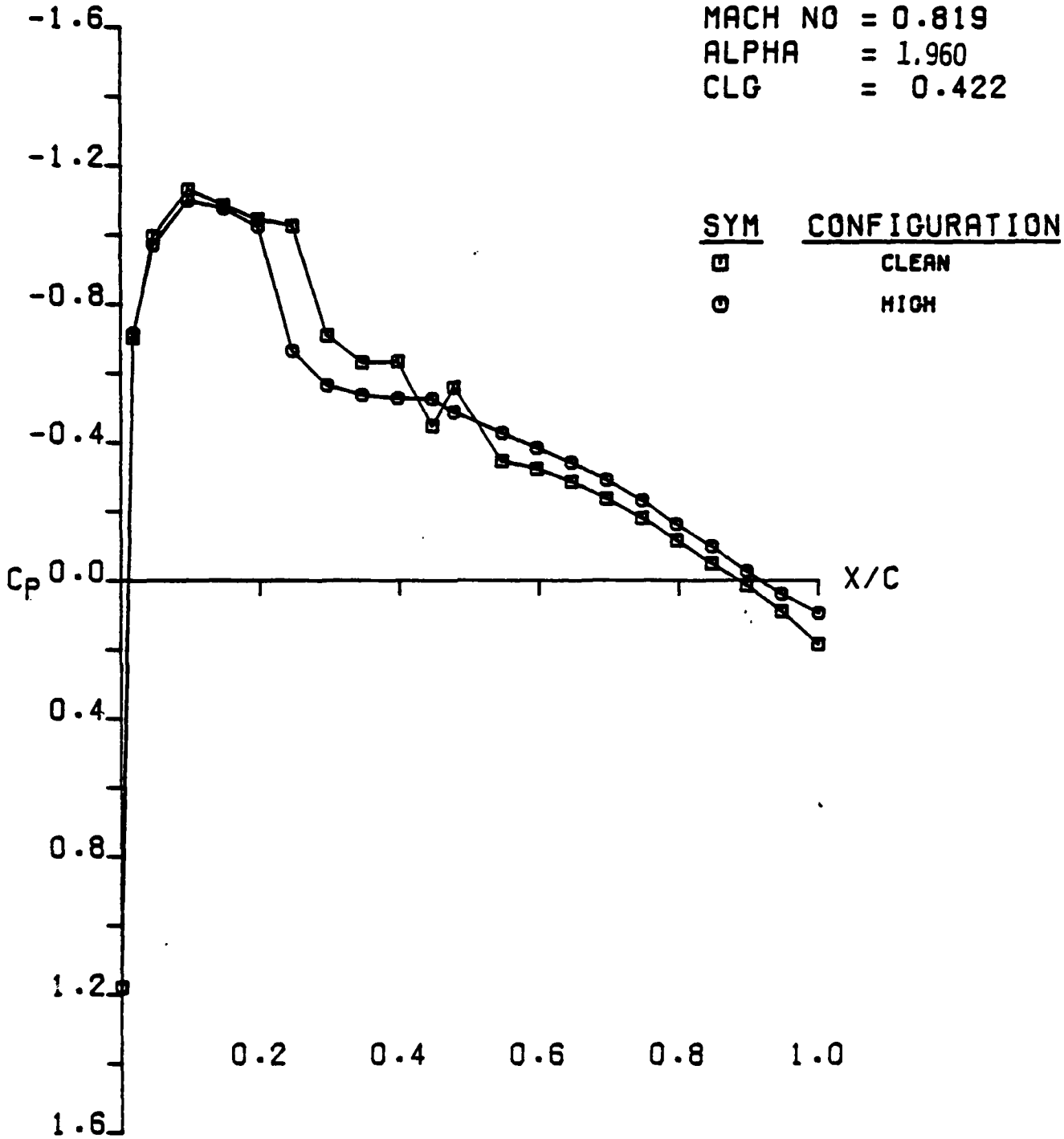
CLN VS HIGH (UPR SURF ETA .15)
AFOSR SEMISPAN MODEL A



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CLN VS HIGH (UPR SURF ETA .30)
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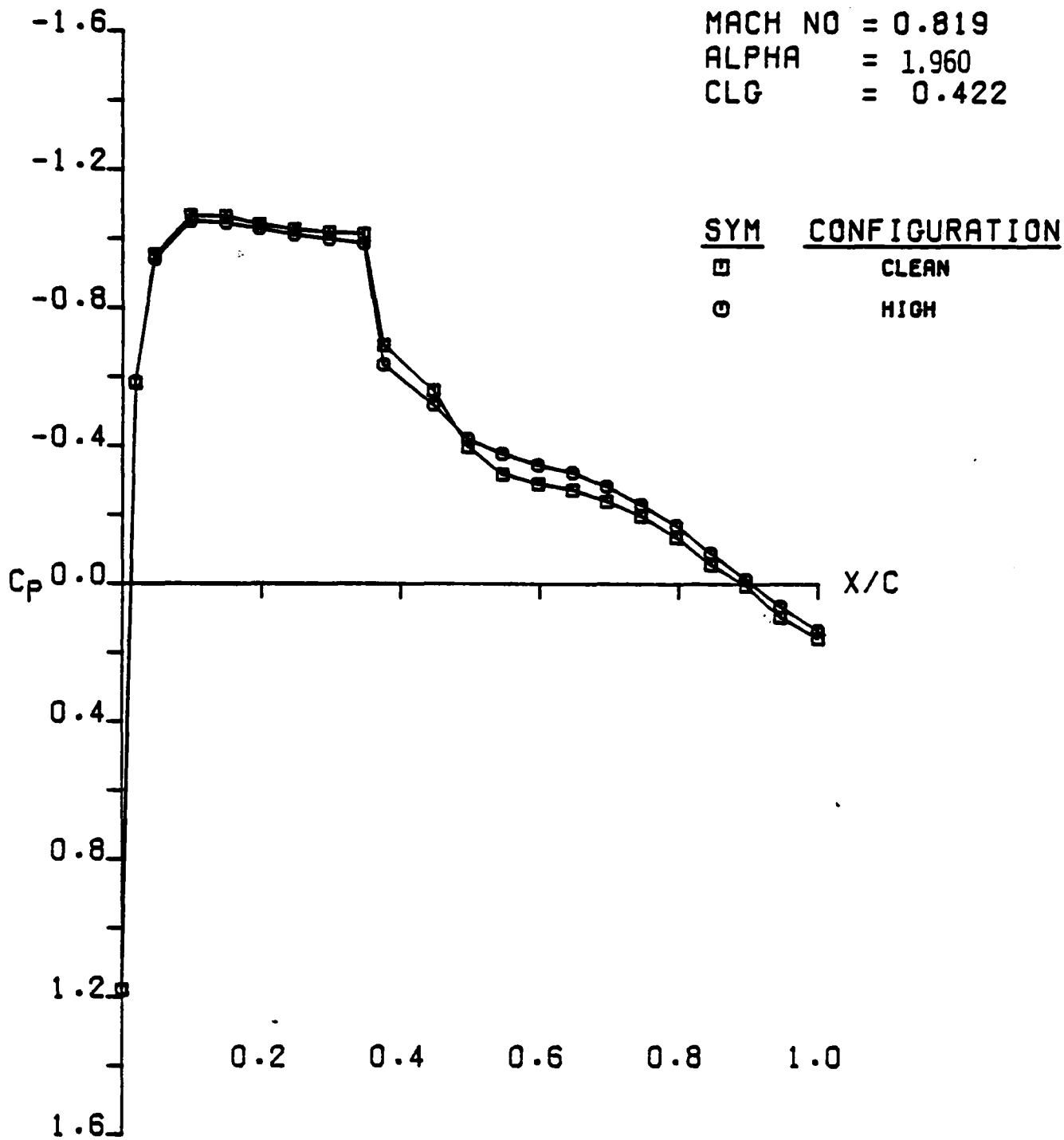

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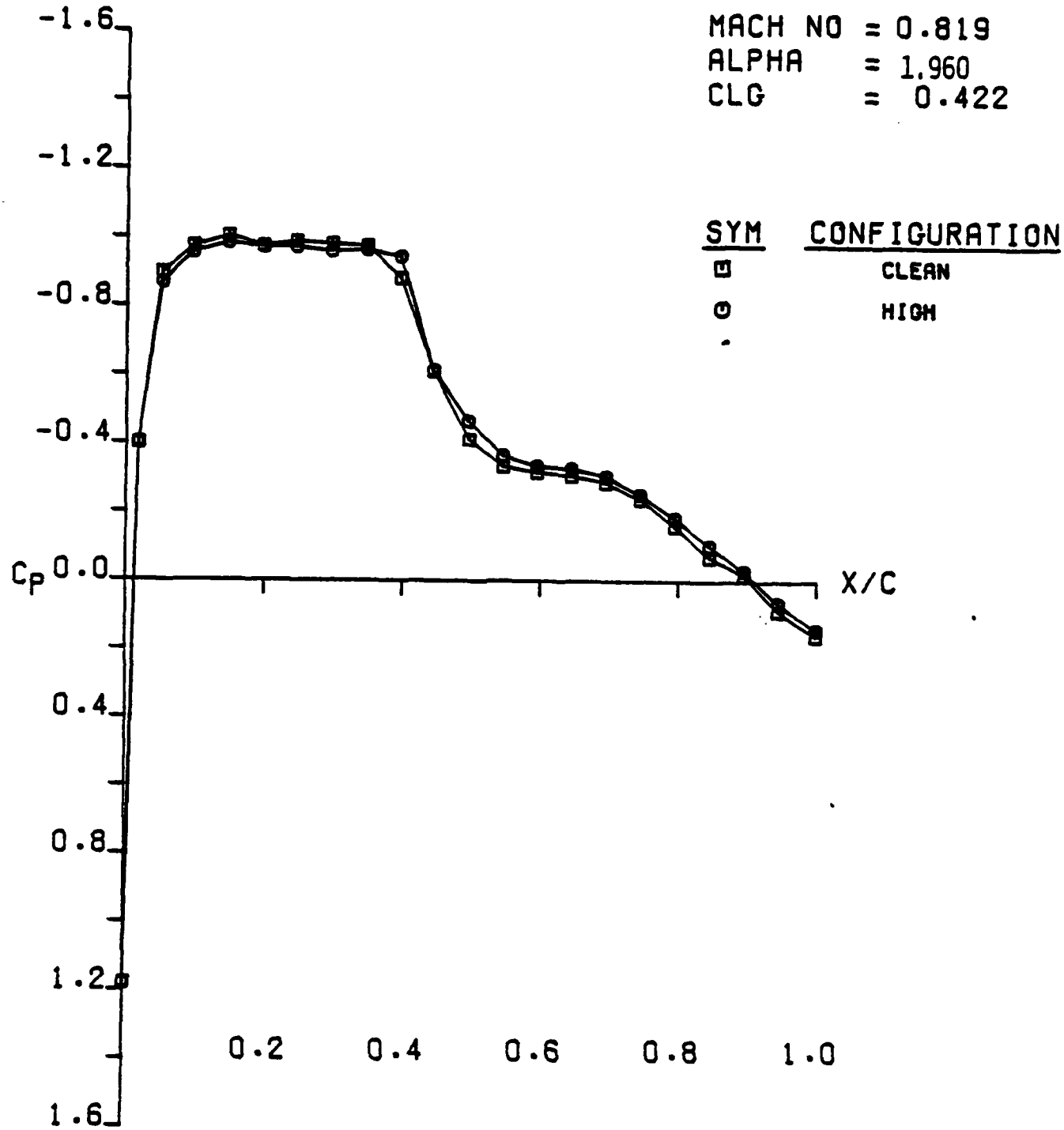
CLN VS HIGH (UPR SURF ETA .50)
AFOSR SEMISPAN MODEL A



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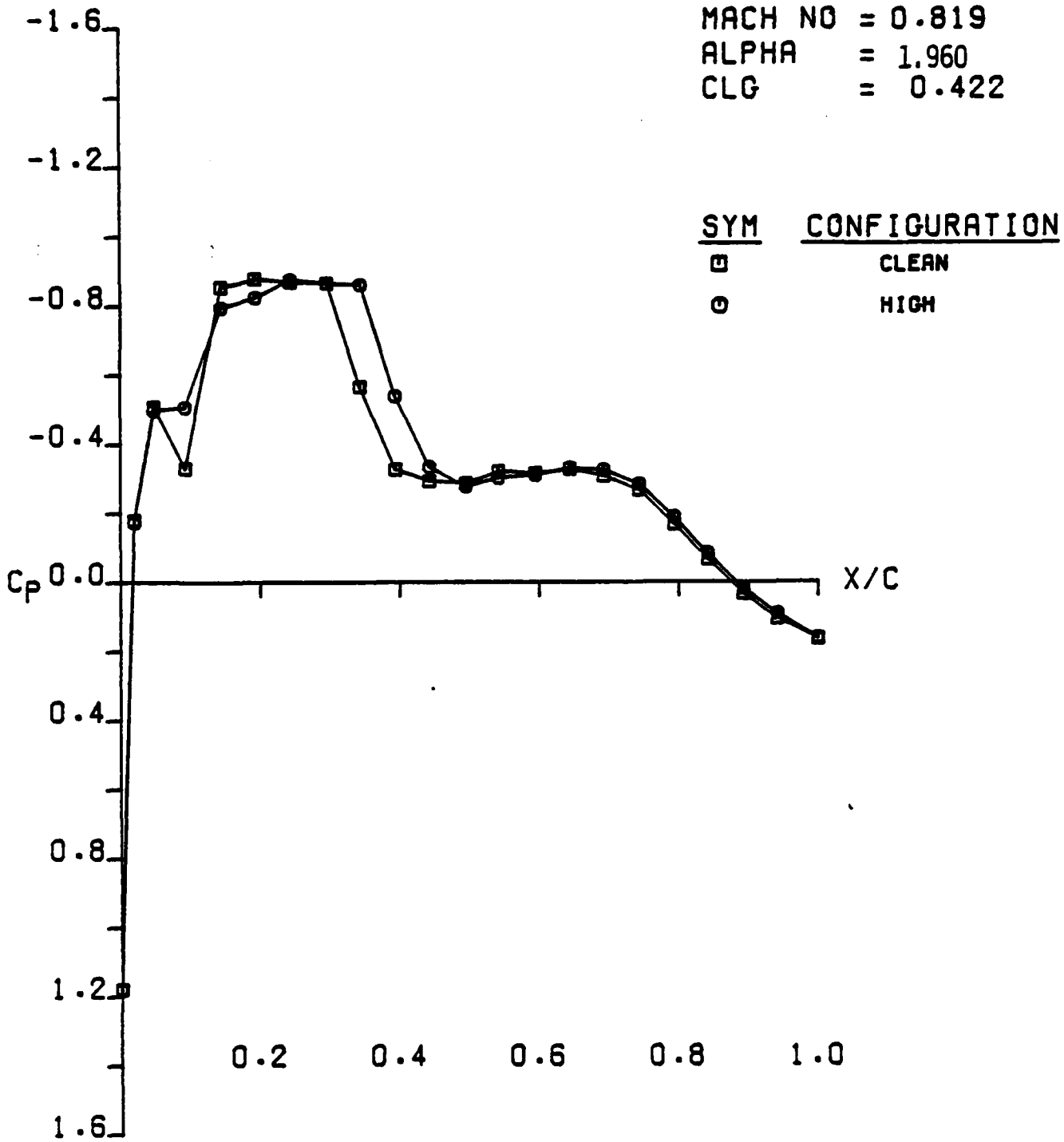
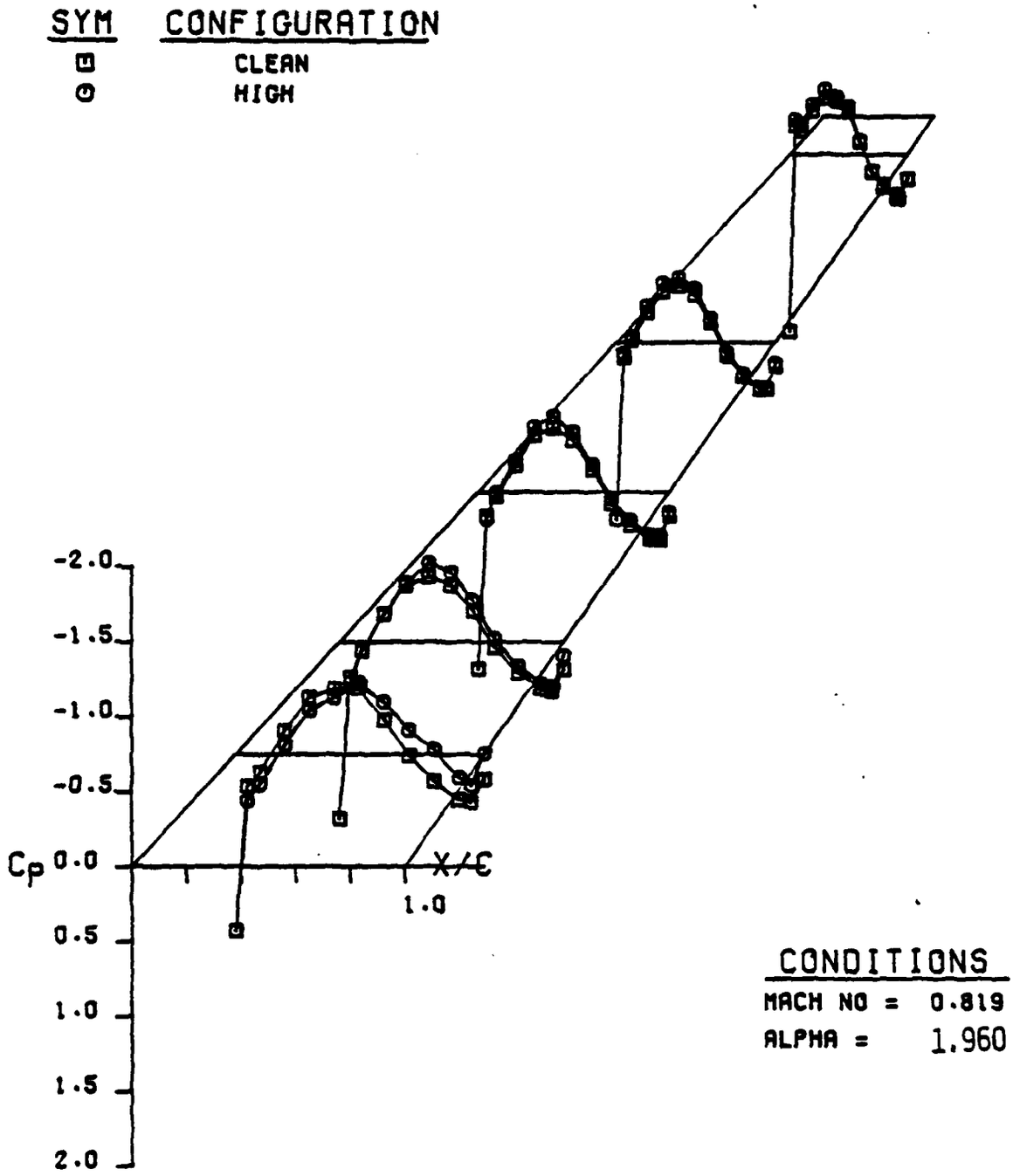
CLN VS HIGH (UPR SURF ETA .70)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST. RUN 34
CLN VS HIGH (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL A



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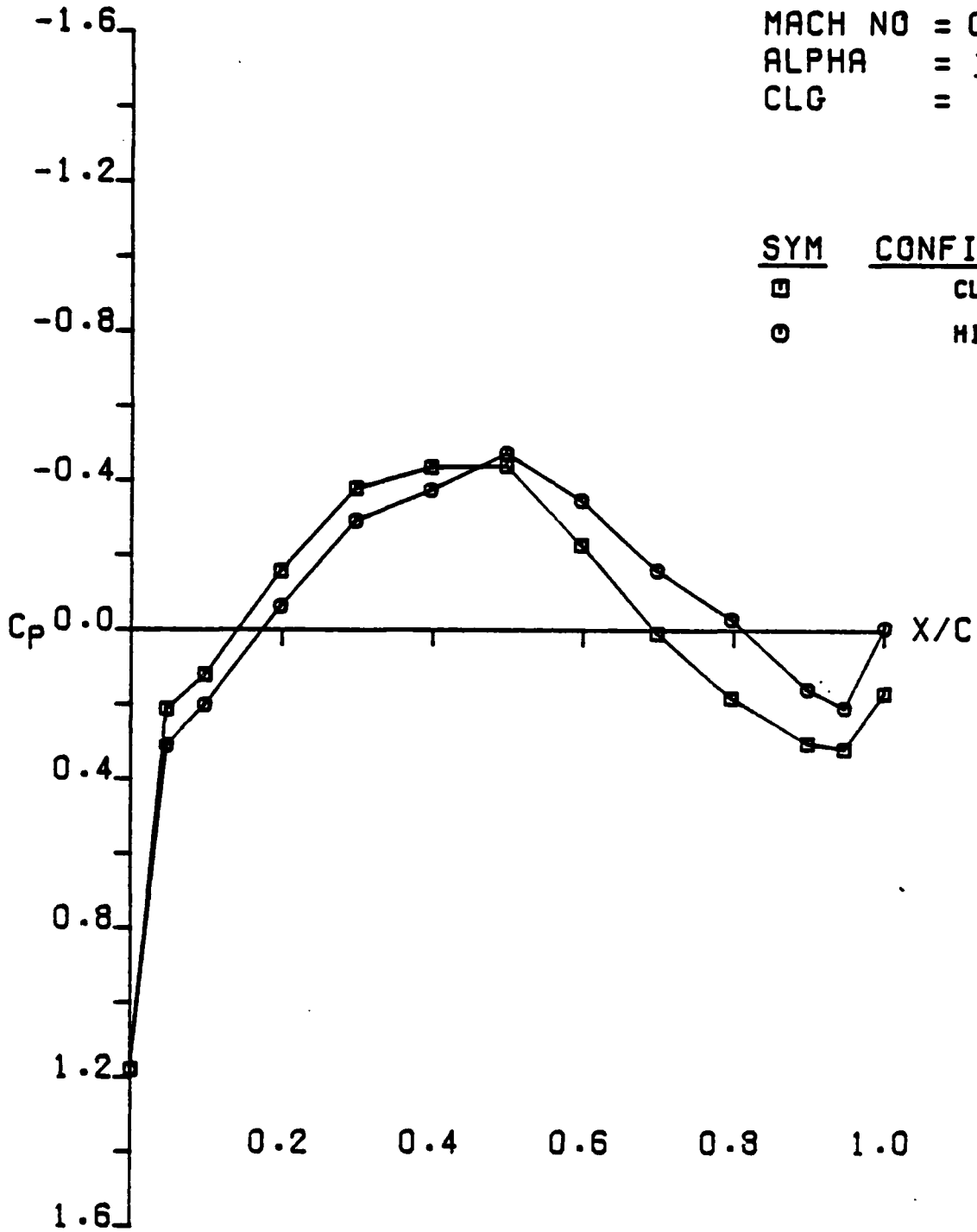
CLN VS HIGH (LWR SURF)
AFOSR SEMISPAN MODEL A



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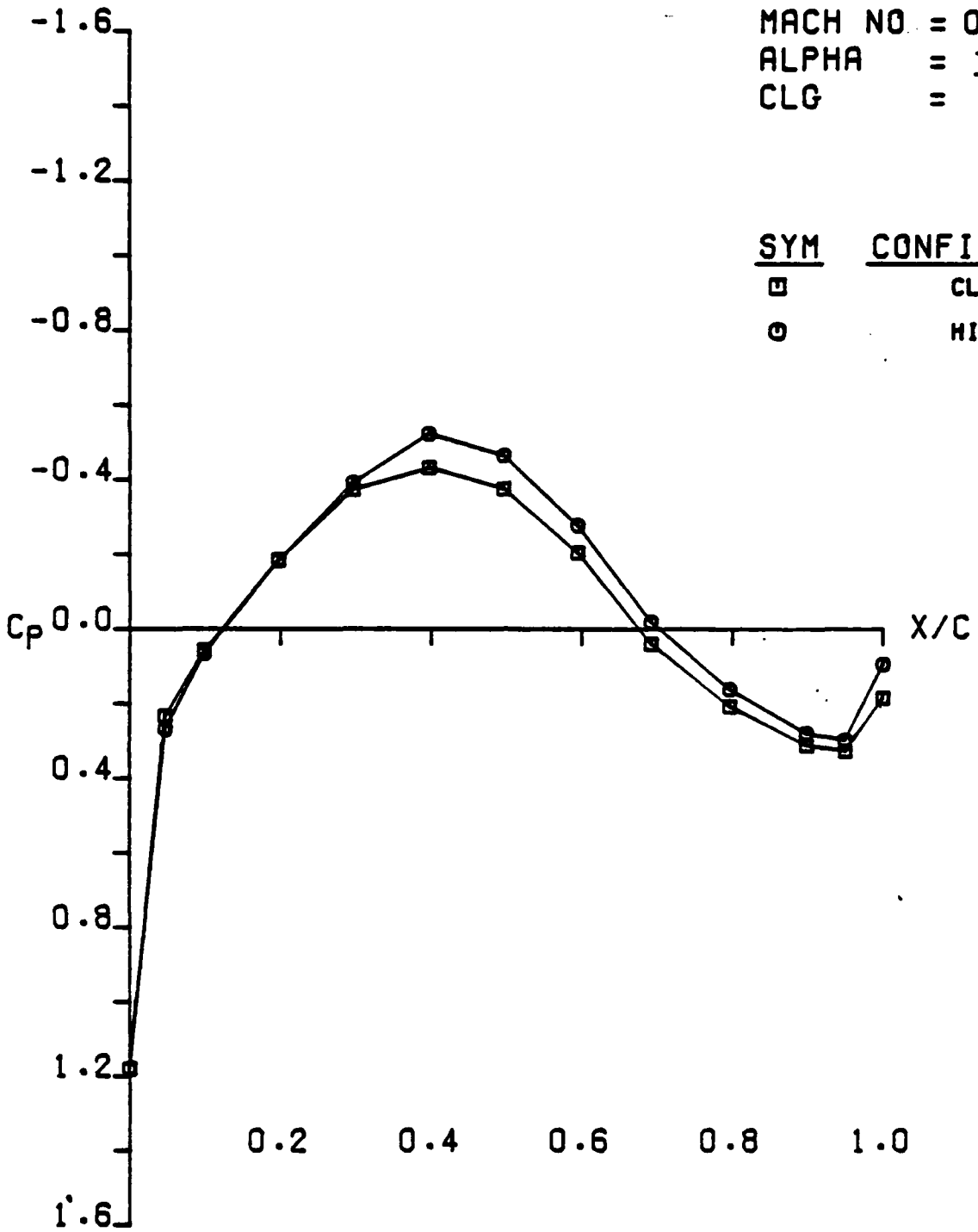
CLN VS HIGH (LWR SURF ETA .15)
AFOSR SEMISPAN MODEL A



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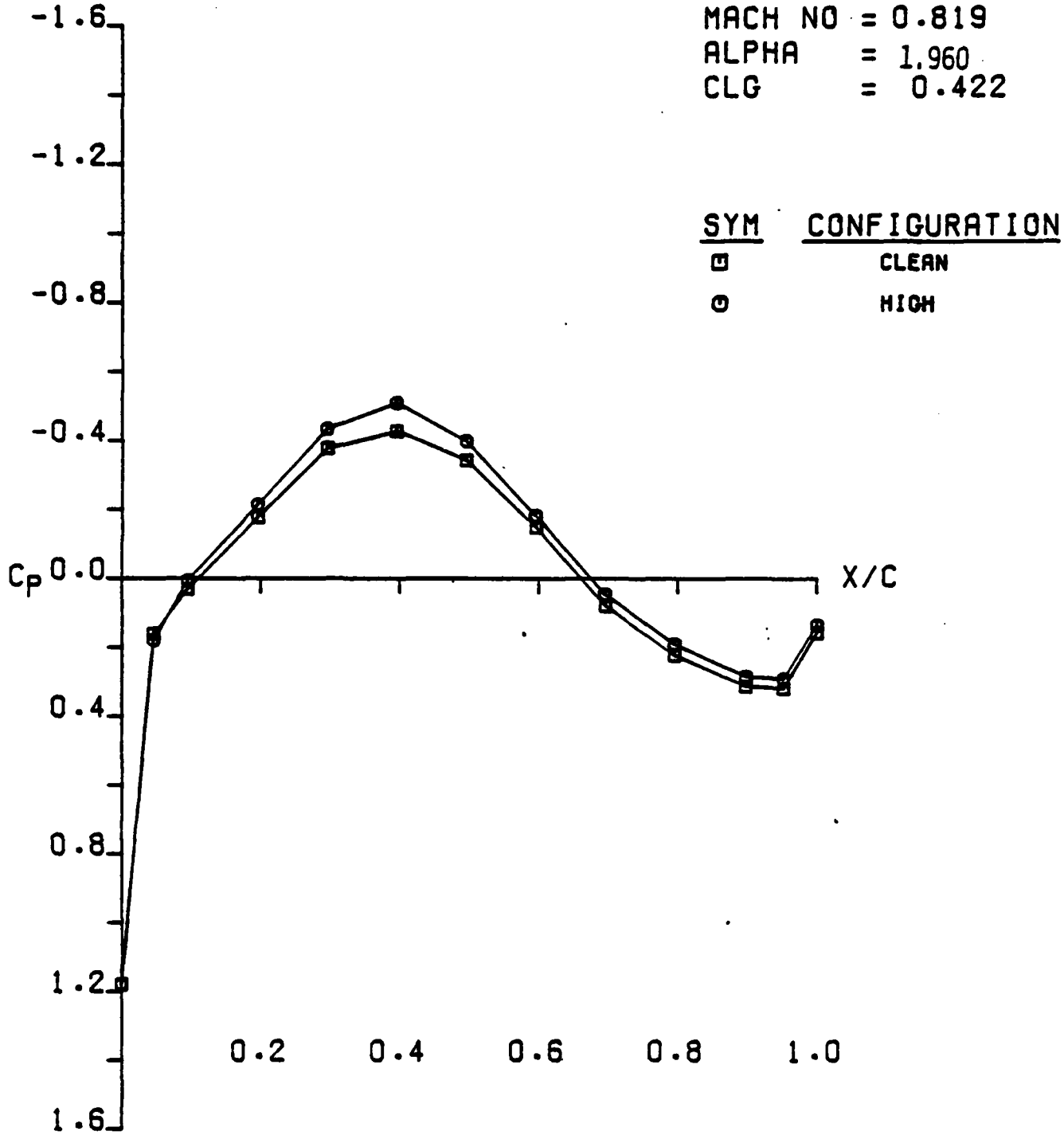
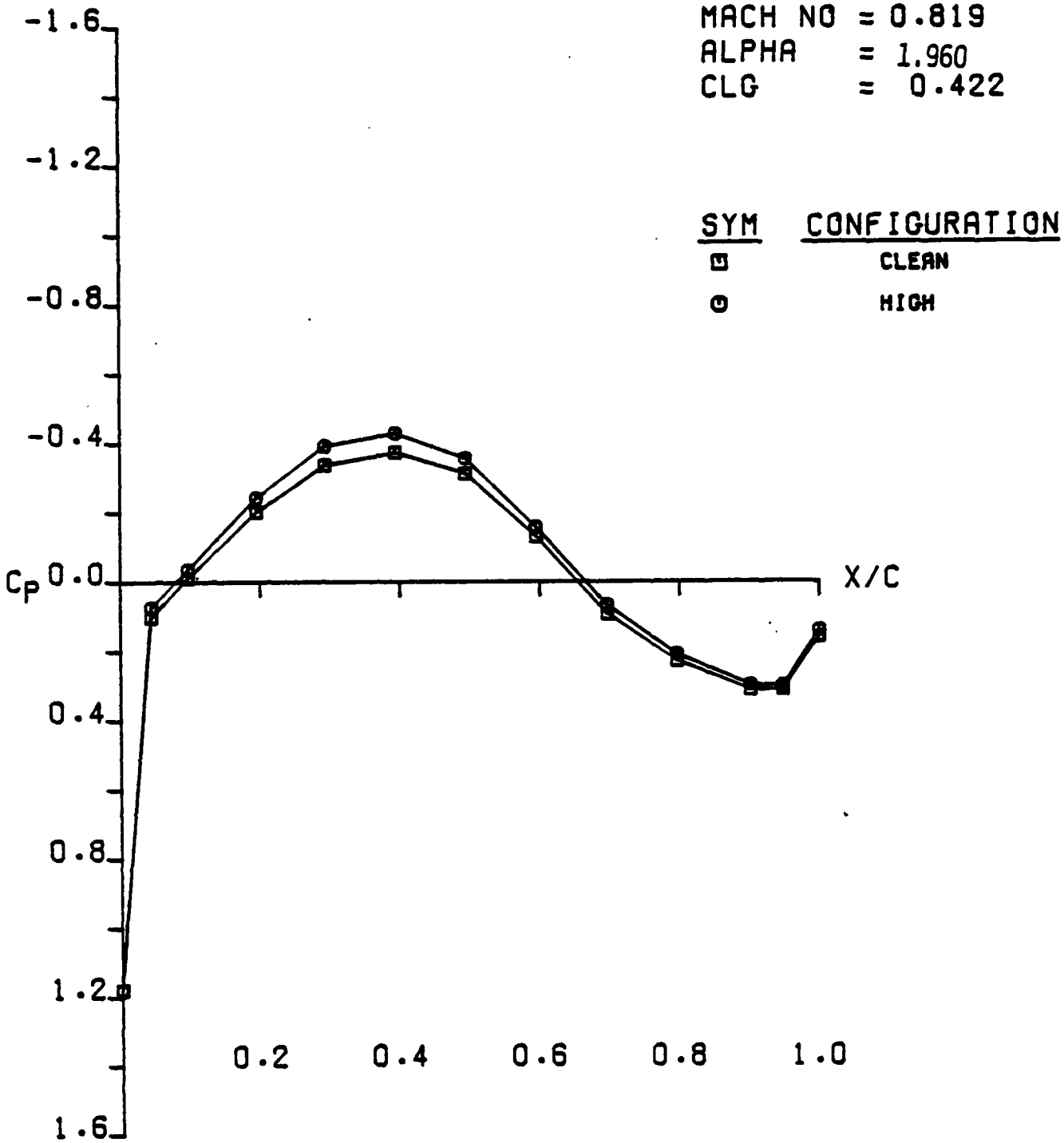
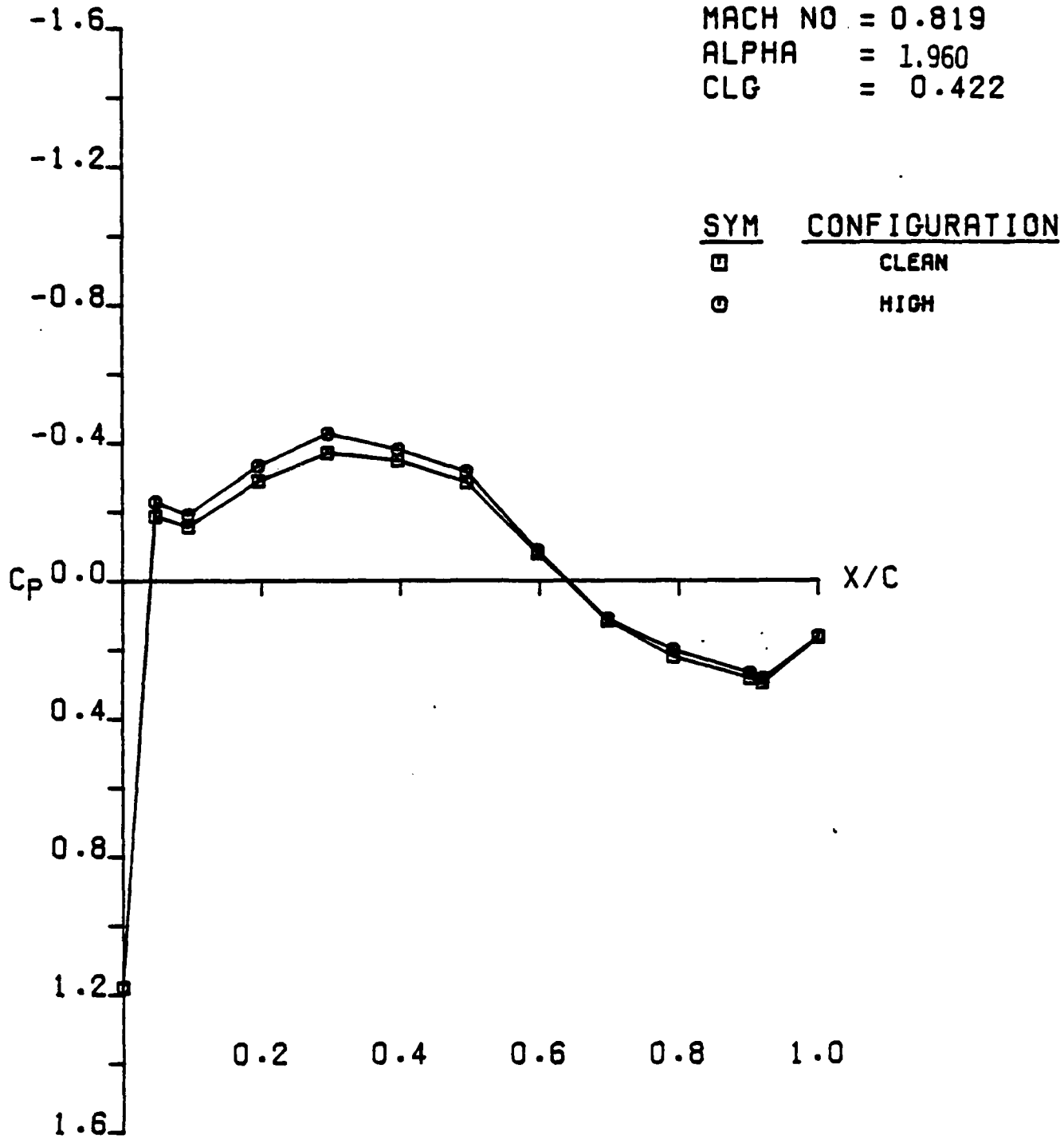
CLN VS HIGH (LWR SURF ETA .30)
AFOSR SEMISPAN MODEL A



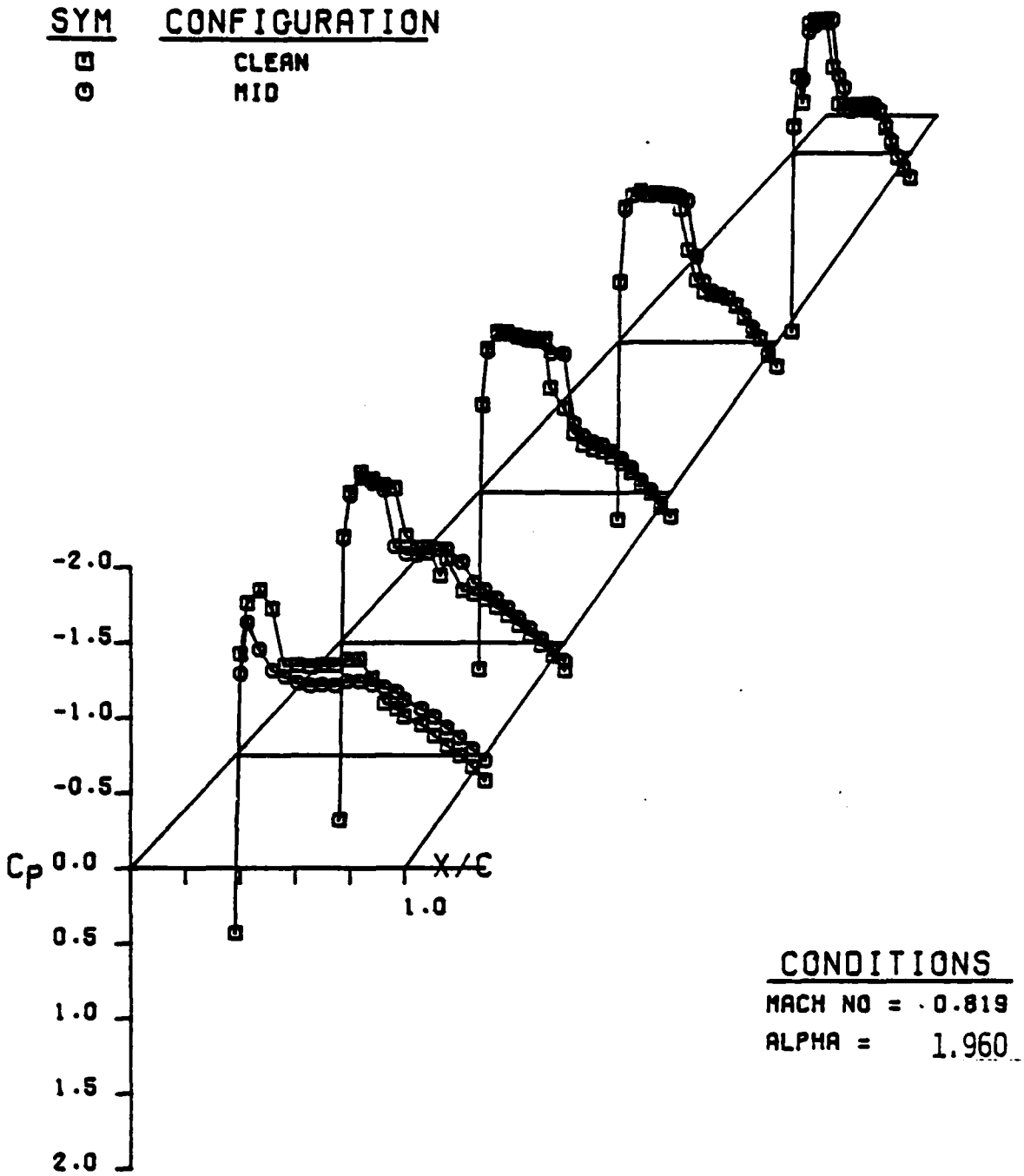
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS HIGH (LWR SURF ETA .50)
AFOSR SEMISPAN MODEL A



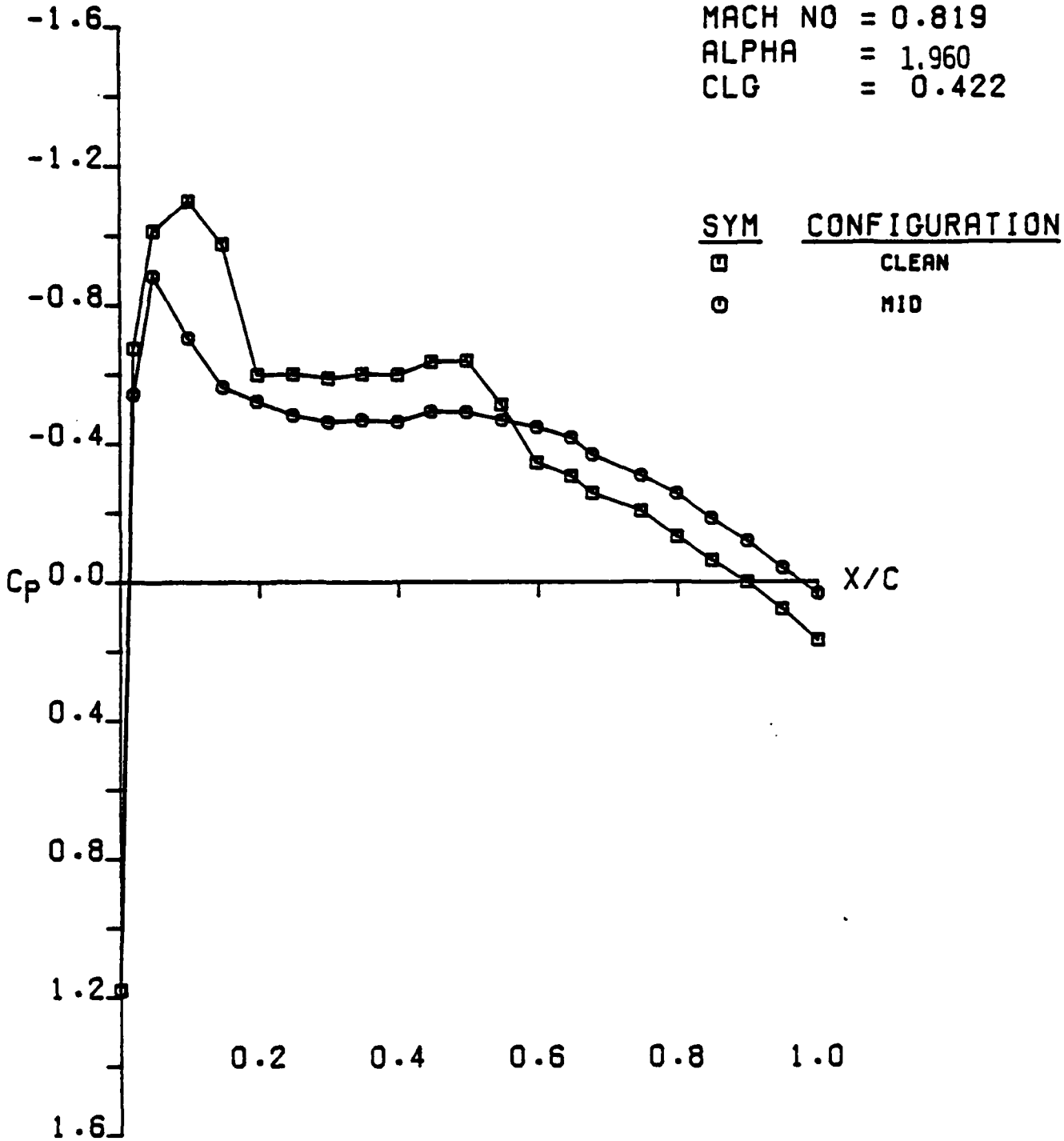
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS HIGH (LWR SURF ETA .70)
AFOSR SEMISPAN MODEL A



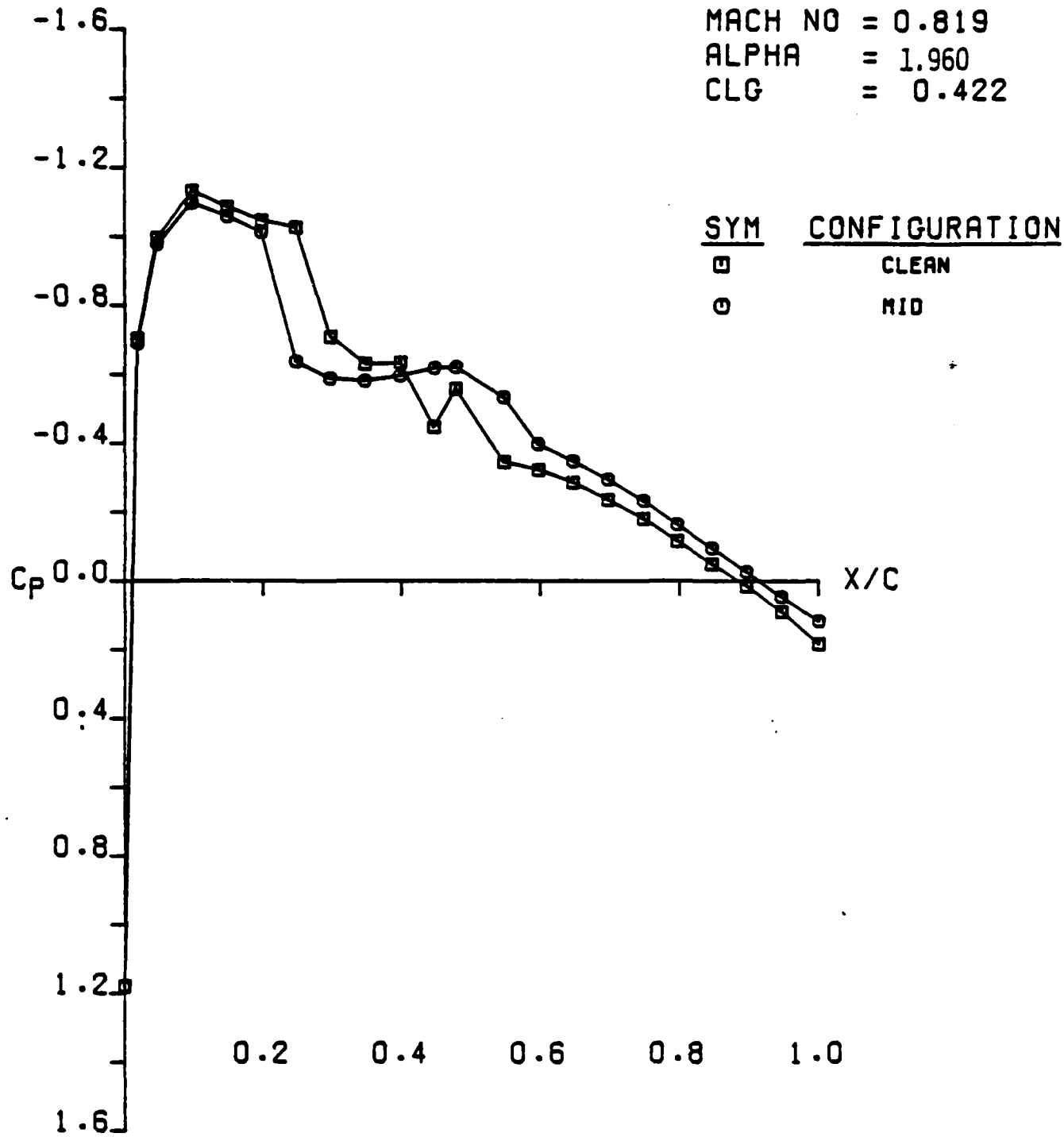
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS HIGH (LWR SURF ETA .95)
AFOSR SEMISPAN MODEL A



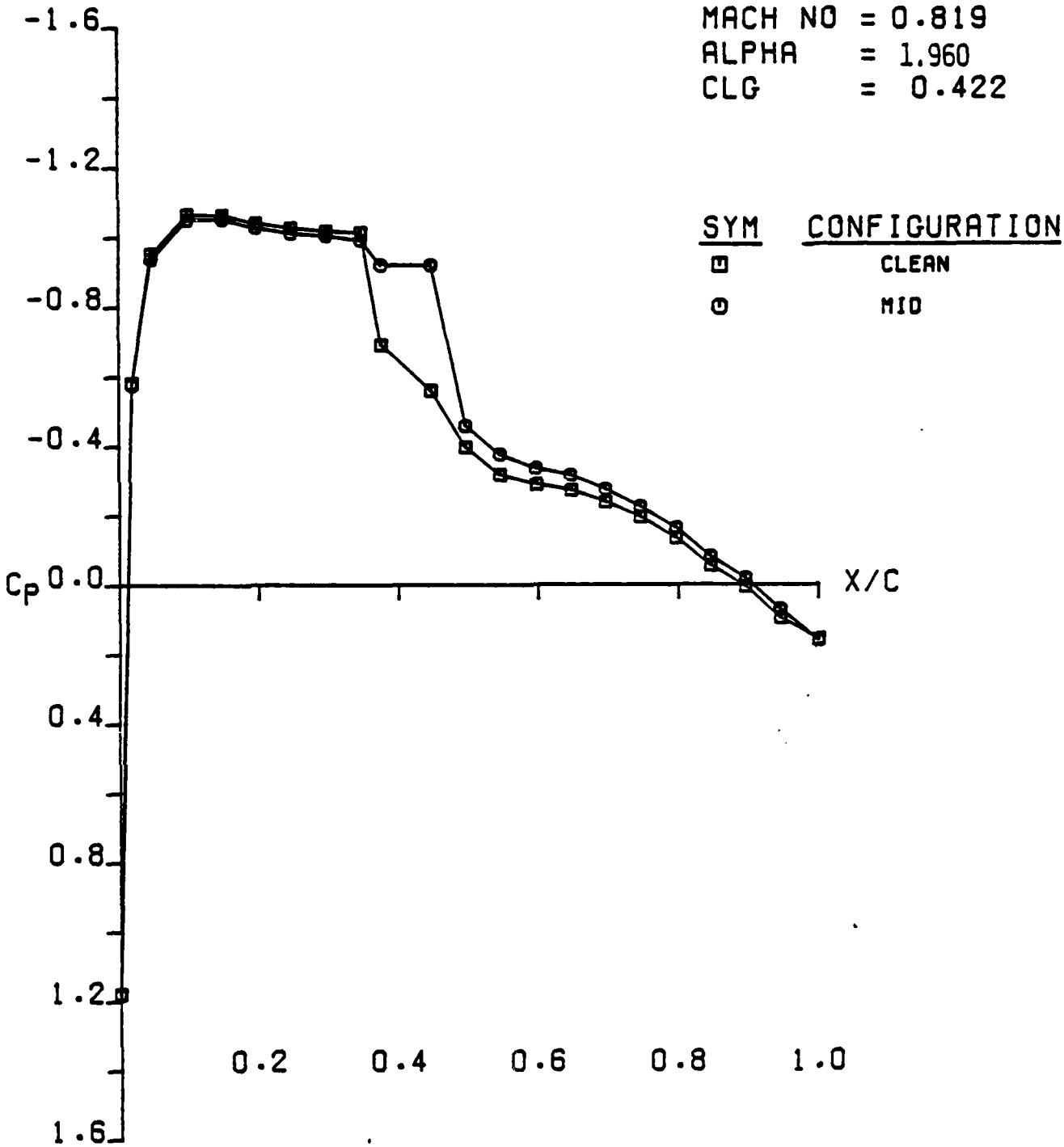
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS MID (UPR SURF)
AFOSR SEMISPAN MODEL A



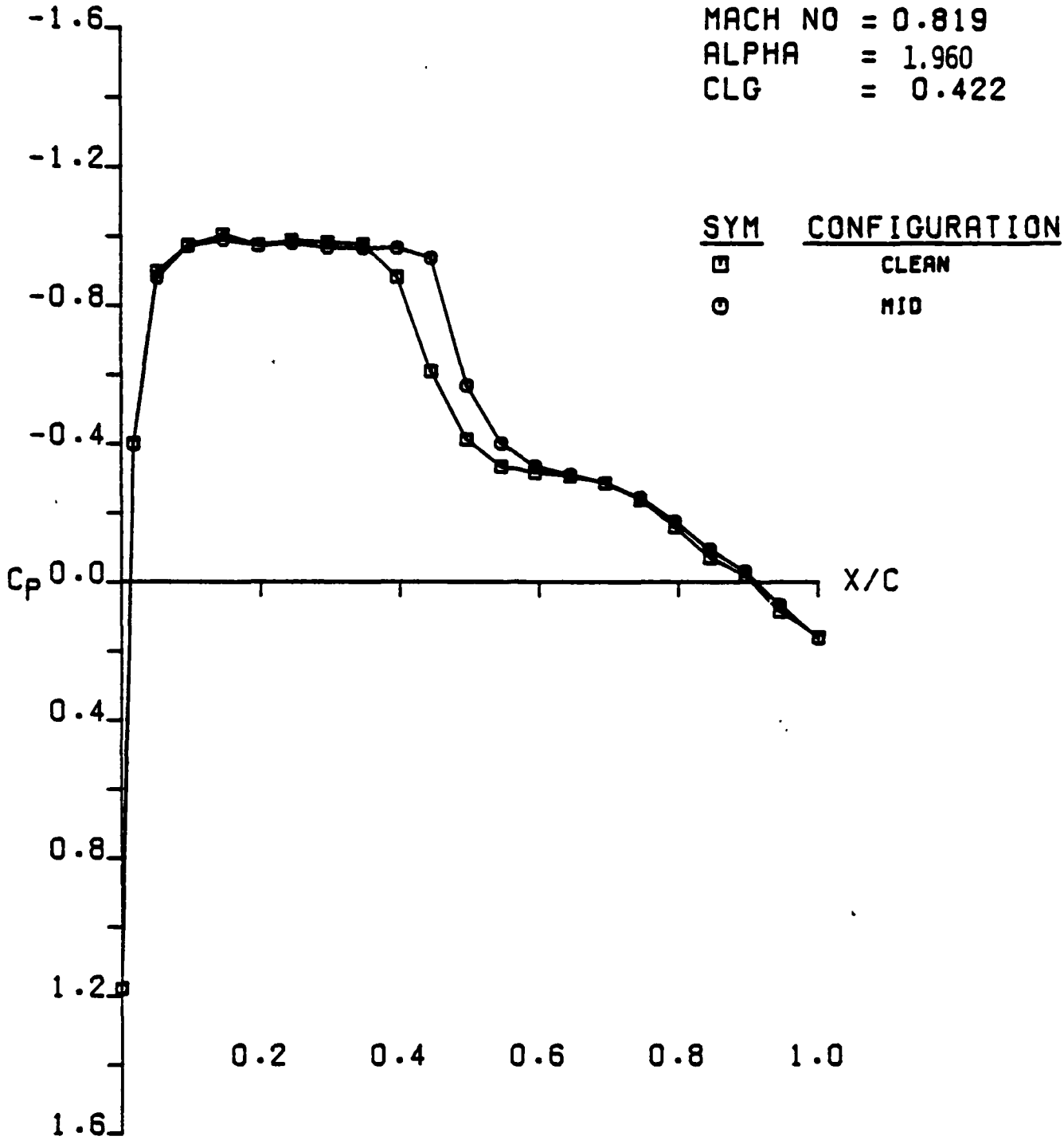
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS MID (UPR SURF ETA .15)
AFOSR SEMISPAN MODEL A



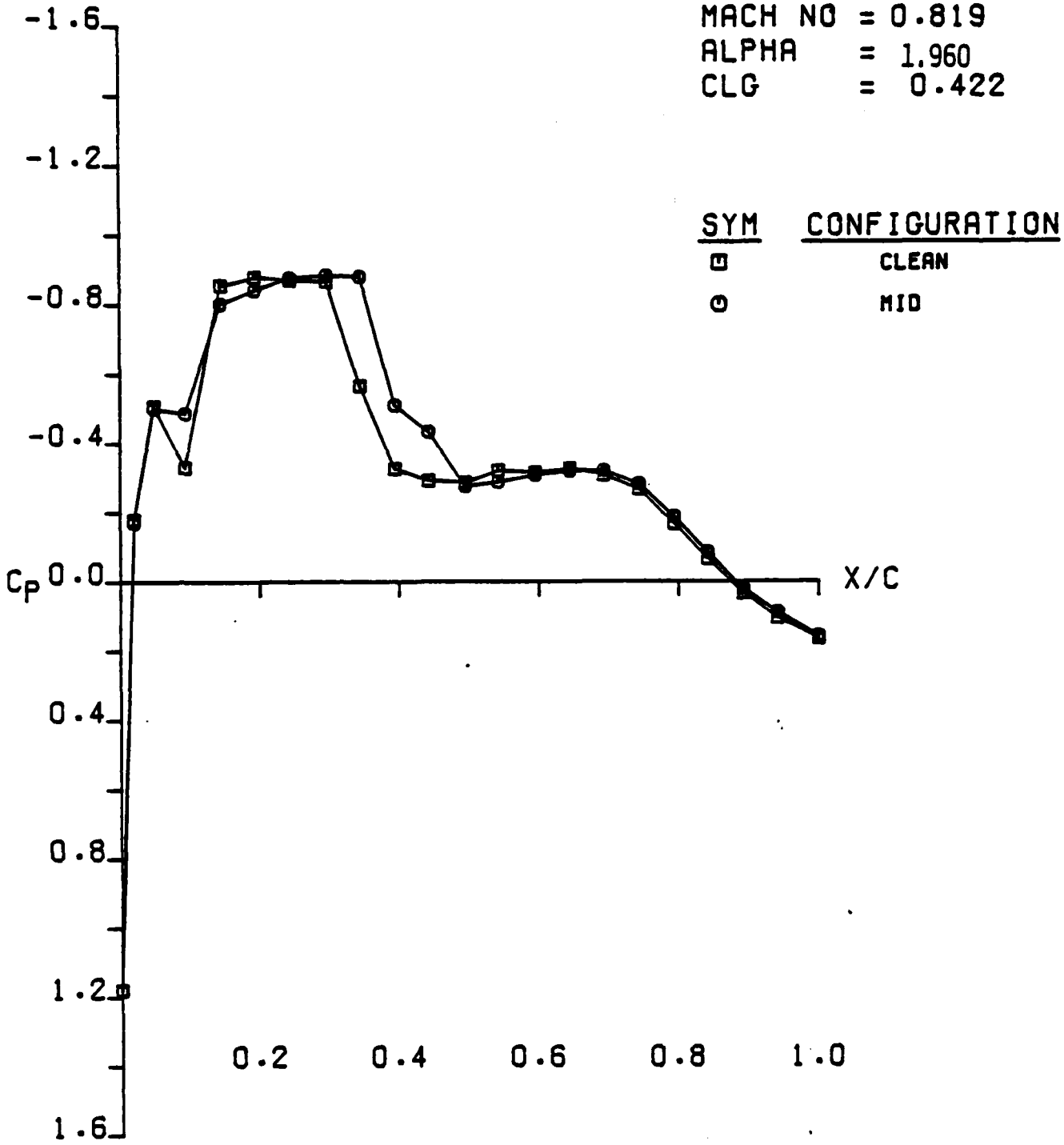
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS MID (UPR SURF ETA .30)
AFOSR SEMISPAN MODEL A



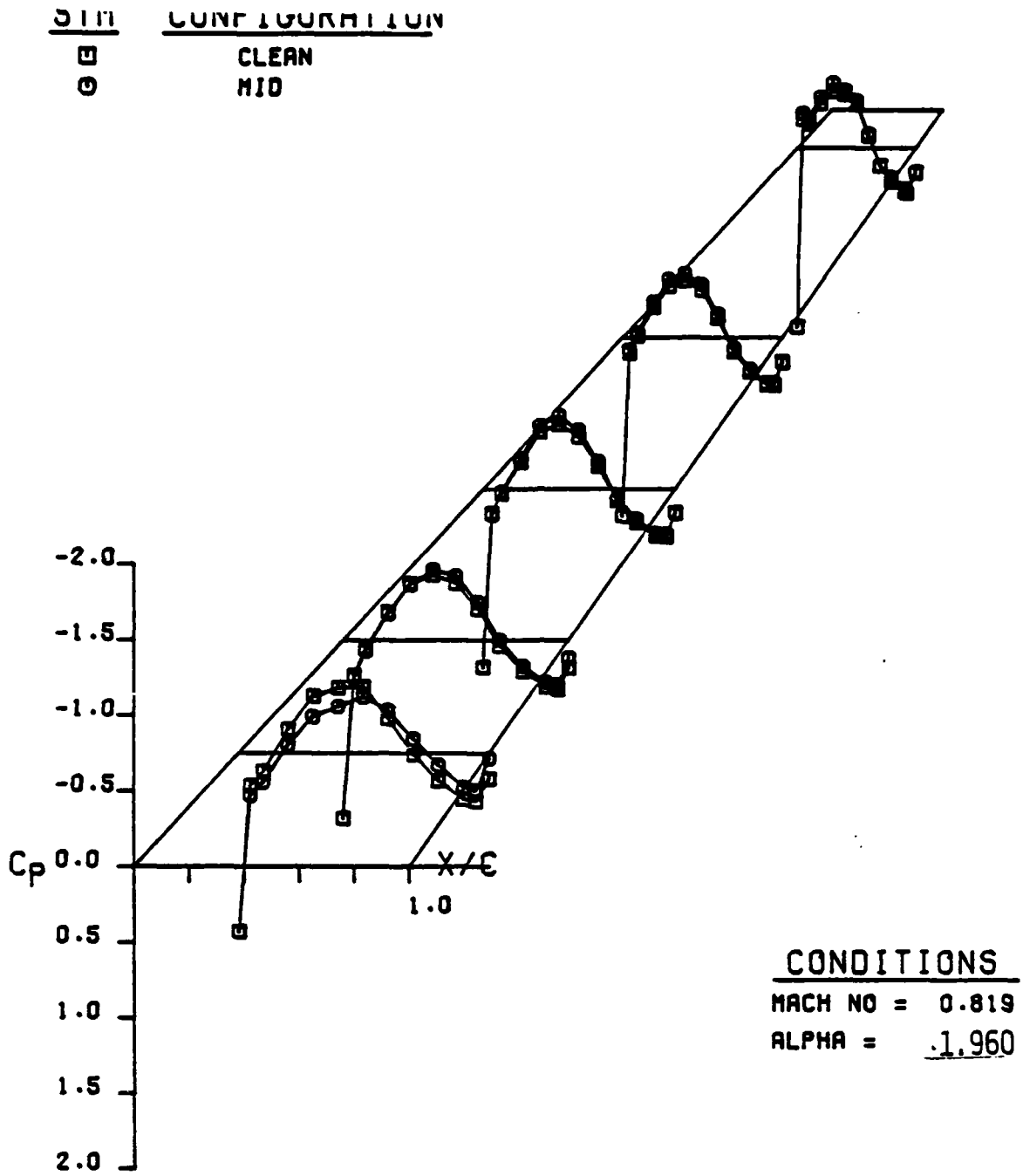
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS MID (UPR SURF ETA .50)
AFOSR SEMISPAN MODEL A



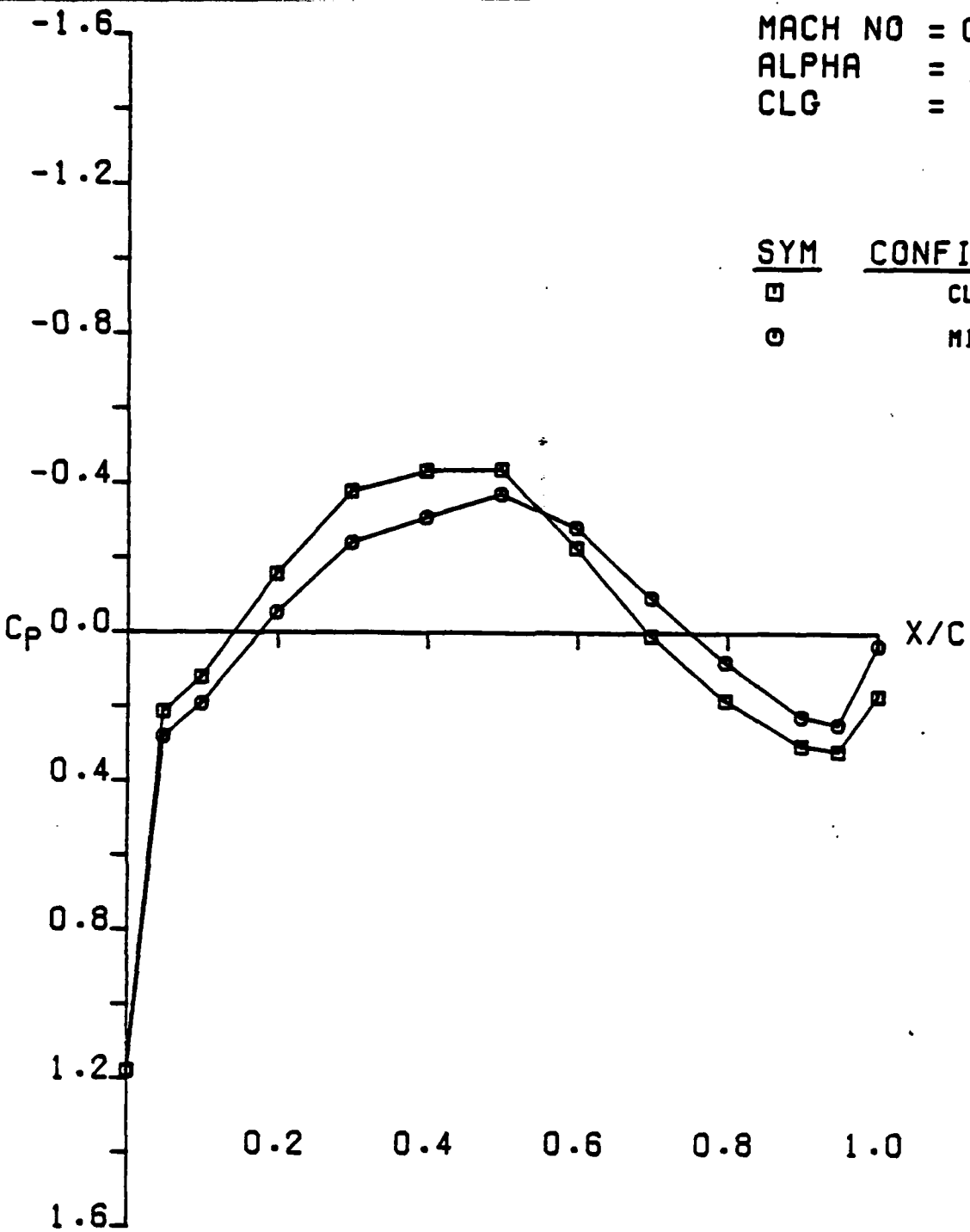
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS MID (UPR SURF ETA .70)
AFOSR SEMISPAN MODEL A



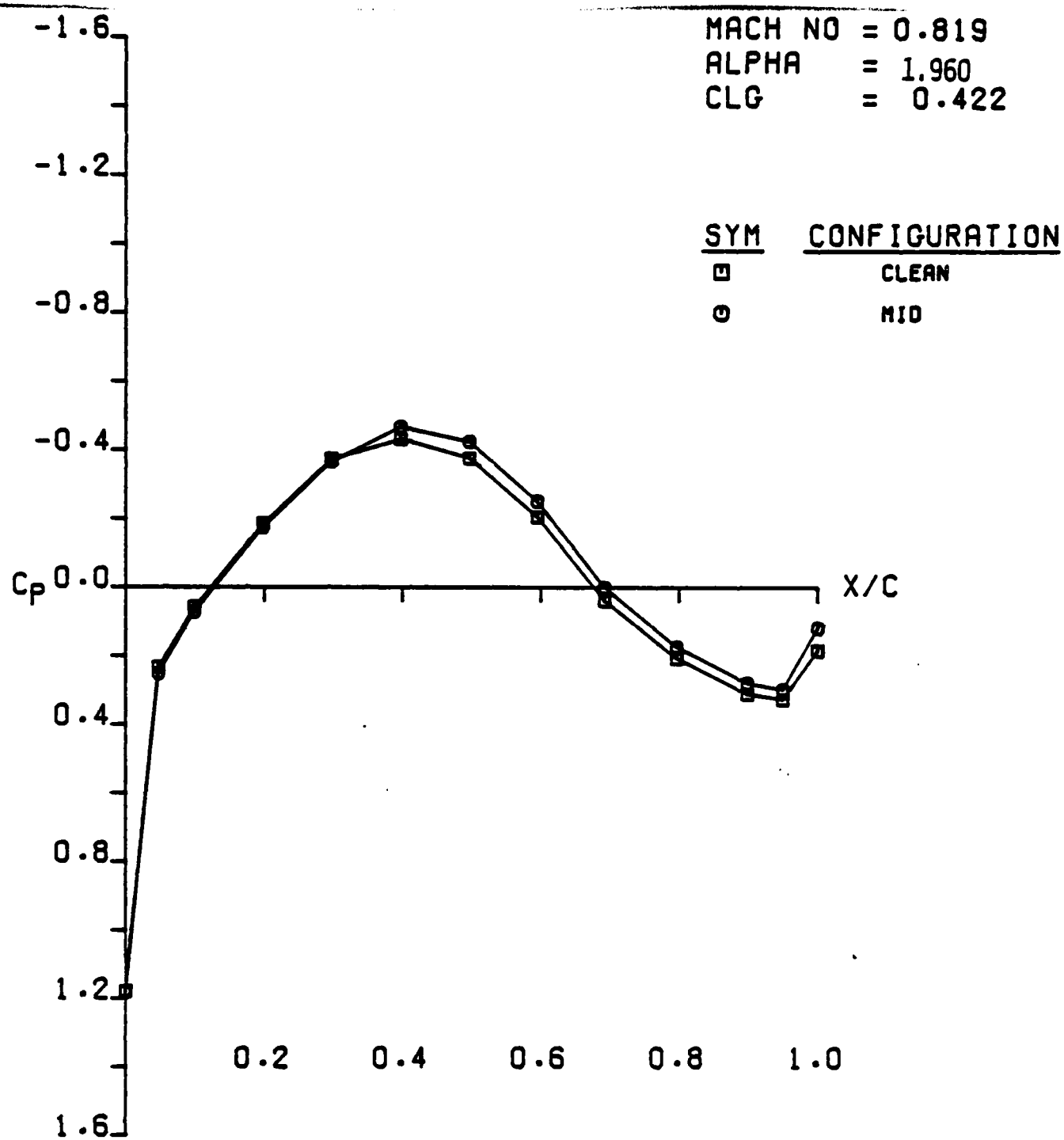
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS MID (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL A



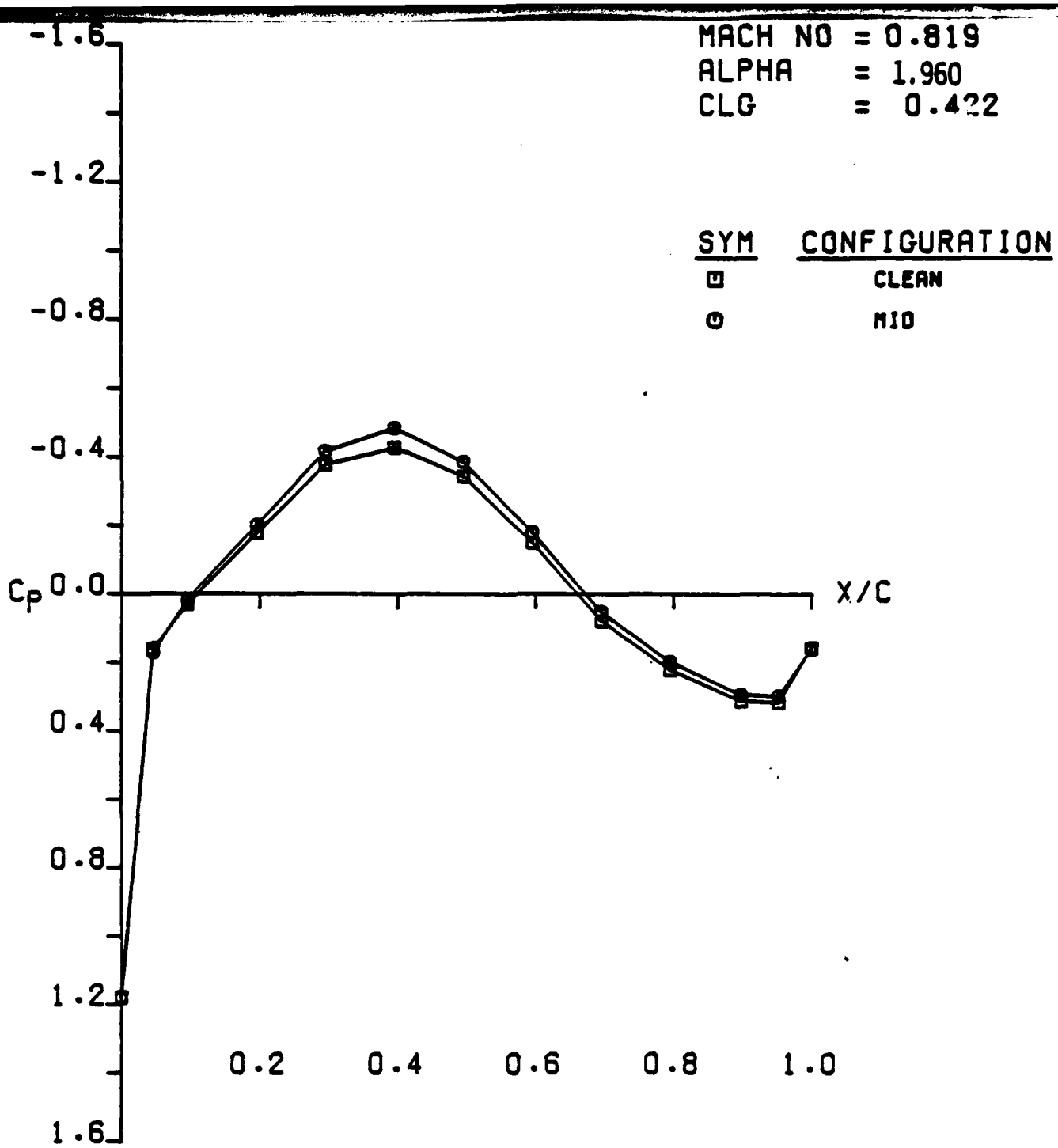
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS MID (LWR SURF)
AFOSR SEMISPAN MODEL A



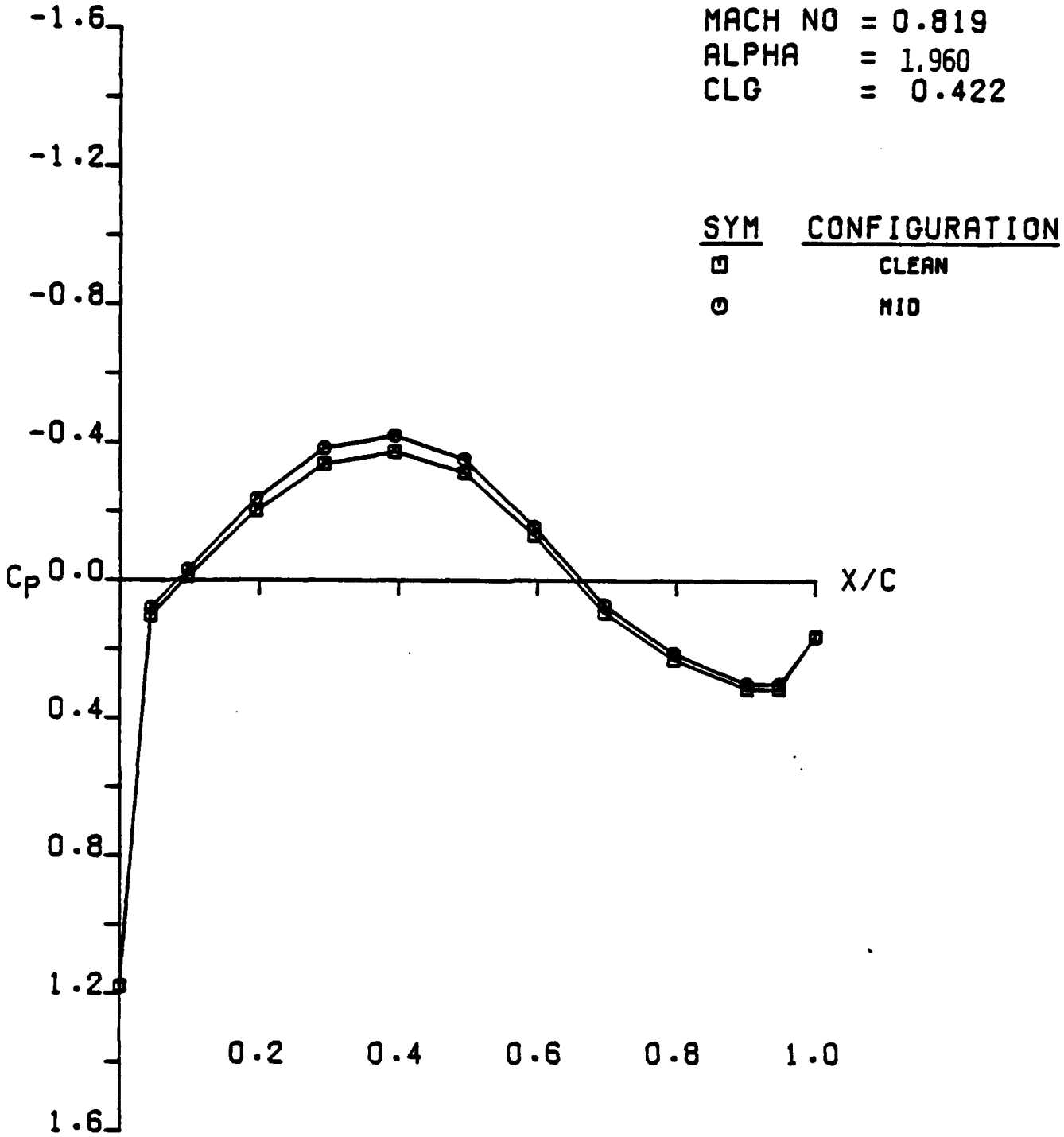
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS MID (LWR SURF ETA .15)
AFOSR SEMISPAN MODEL A



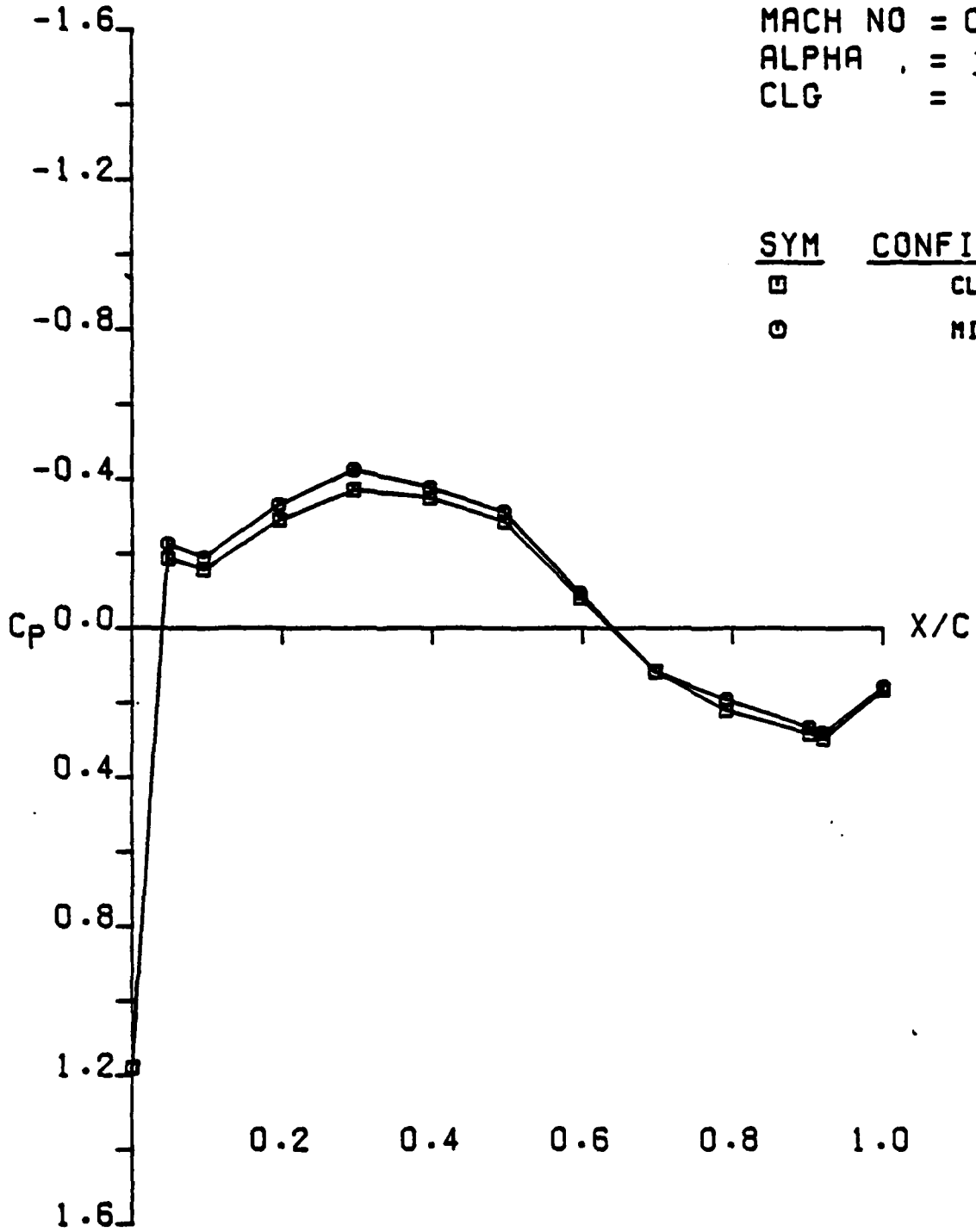
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS MID (LWR SURF ETA .30)
AFOSR SEMISPAN MODEL A



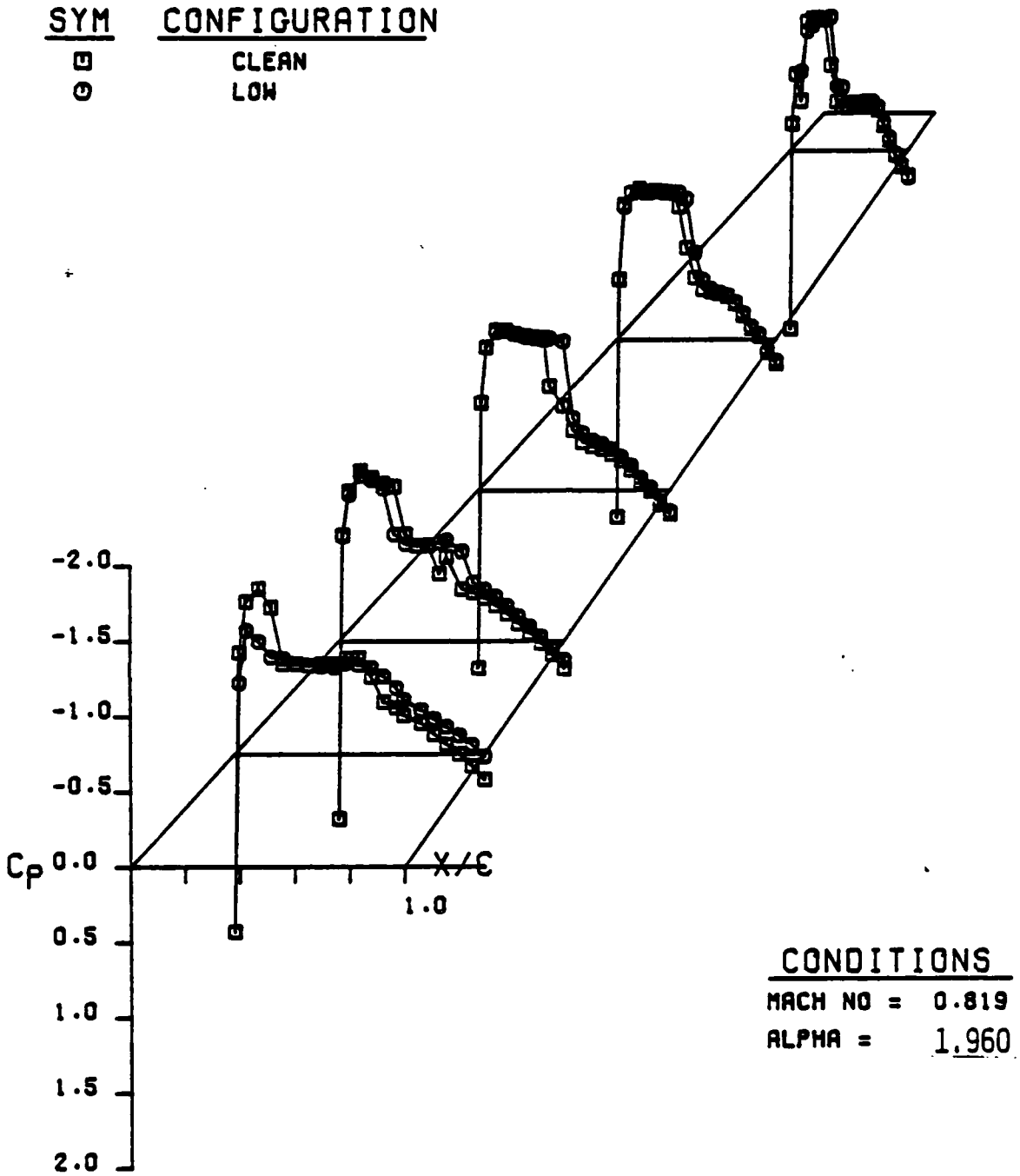
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS MID (LWR SURF ETA .50)
AFOSR SEMISPAN MODEL A



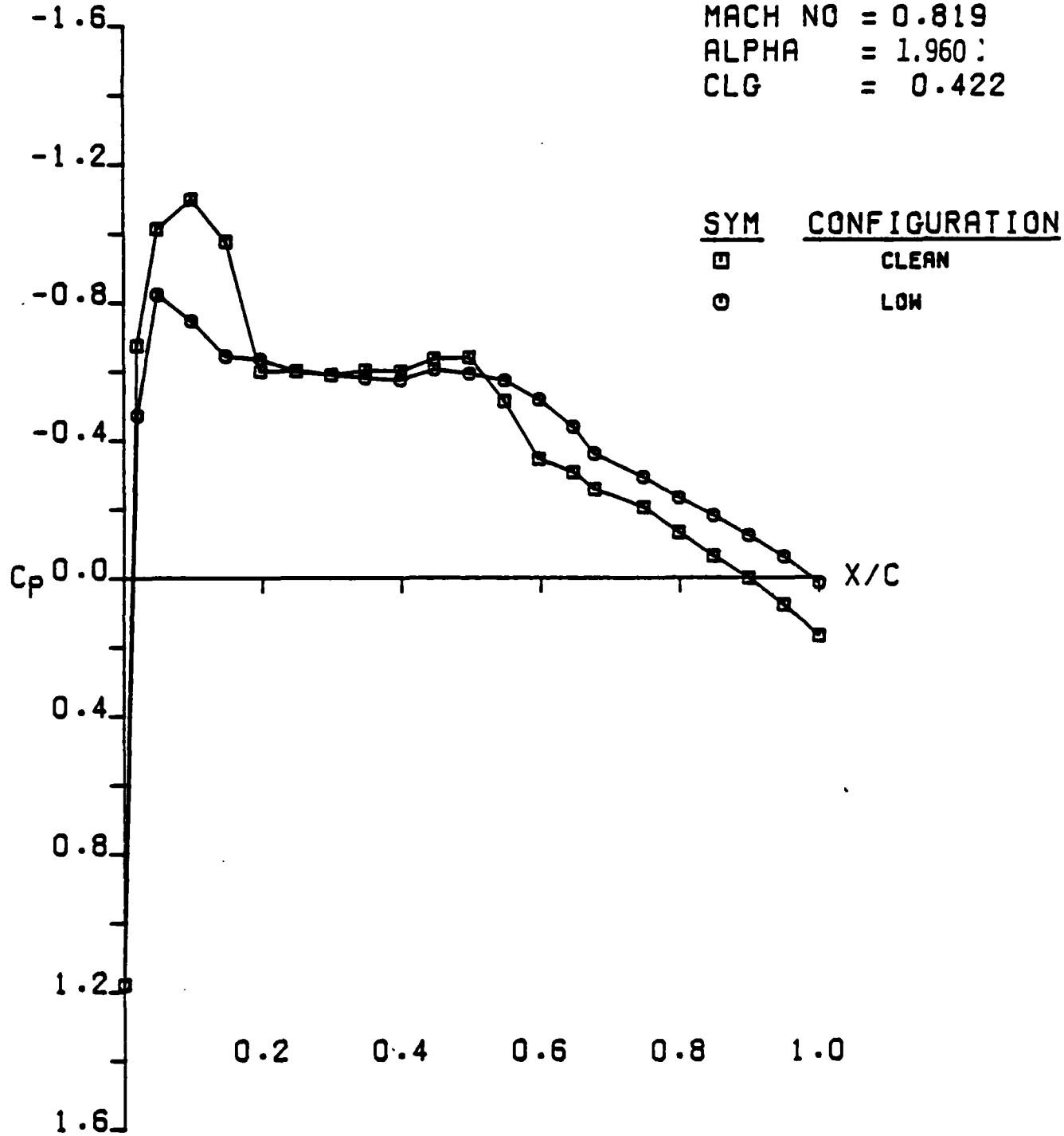
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS MID (LWR SURF ETA .70)
AFOSR SEMISPAN MODEL A



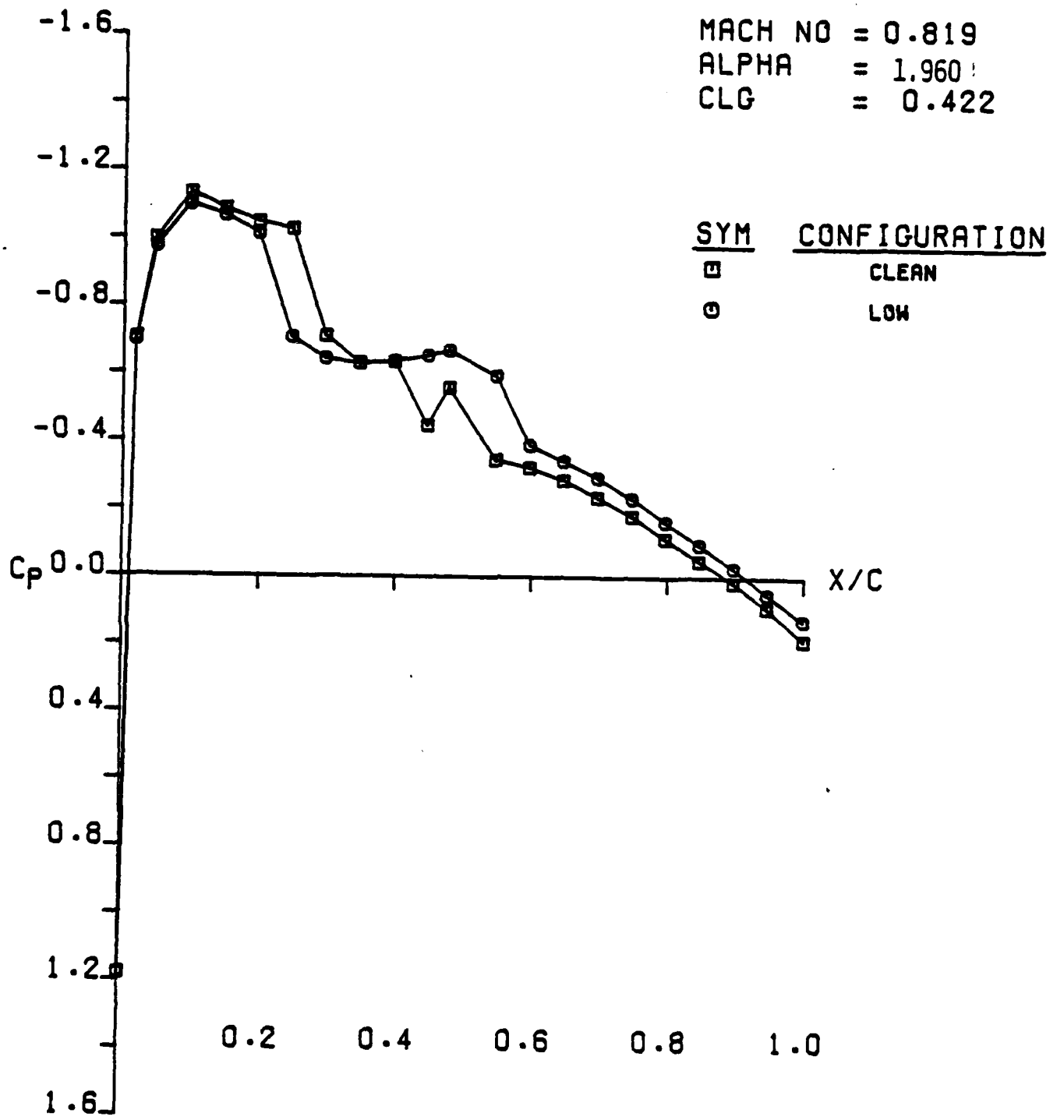
LOCKHEED CFWT SEMI-SPAN TEST. RUN 34
CLN VS MID (LWR SURF ETA .95)
AFOSR SEMISPAN MODEL A



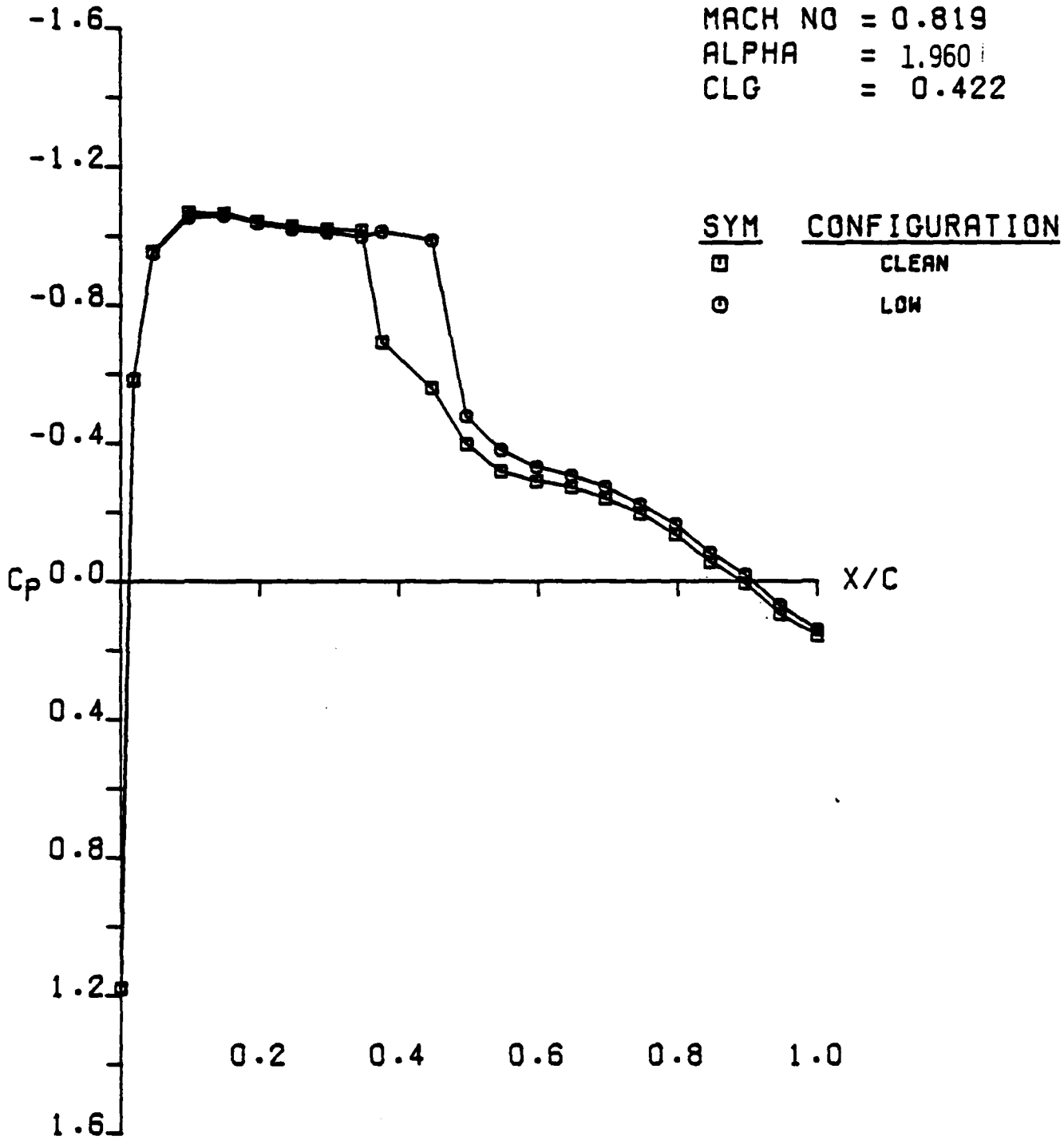
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS LOW (UPR SURF)
AFOSR SEMISPAN MODEL A



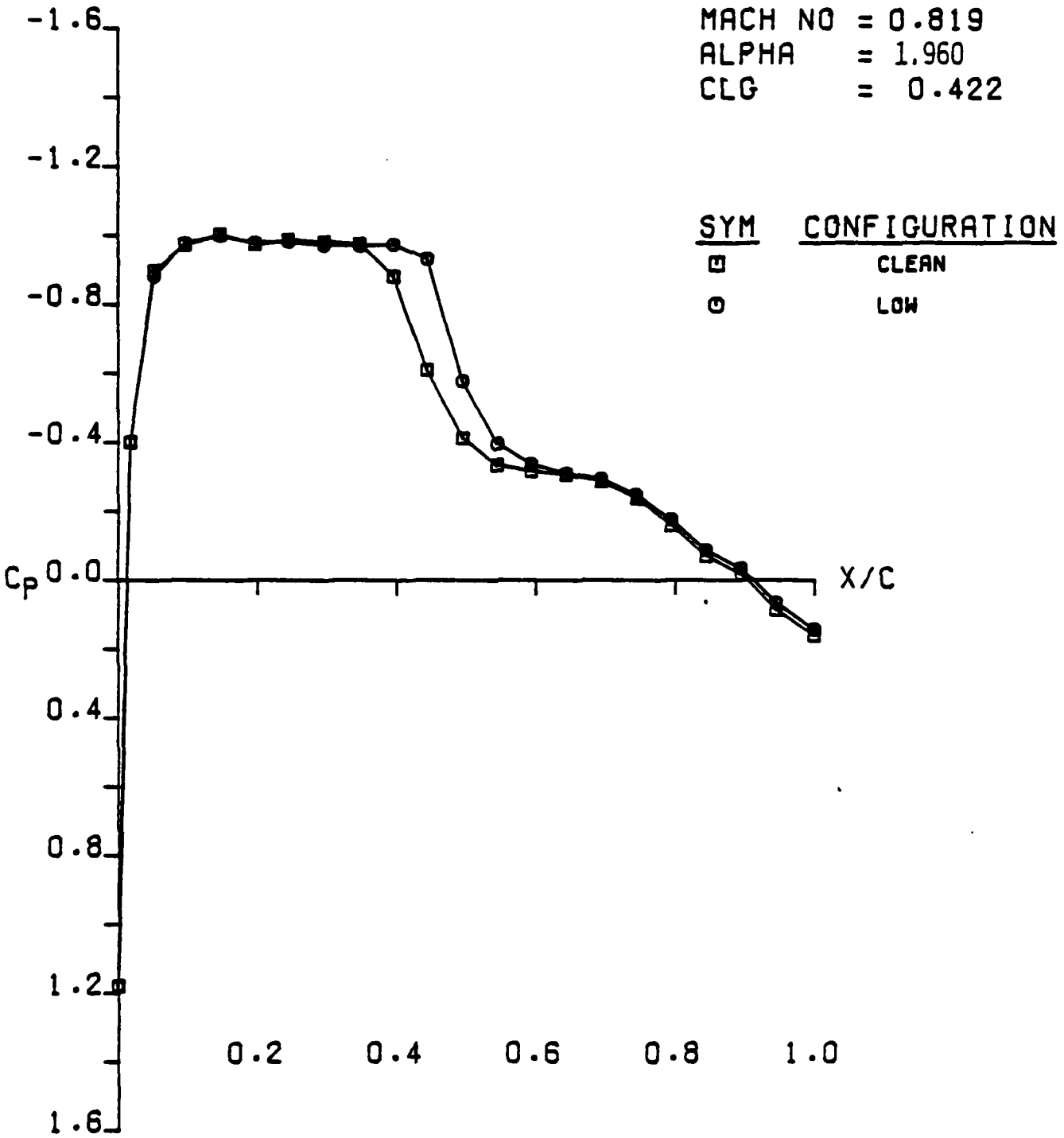
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS LOW (UPR SURF ETA .15)
AFOSR SEMISPAN MODEL A



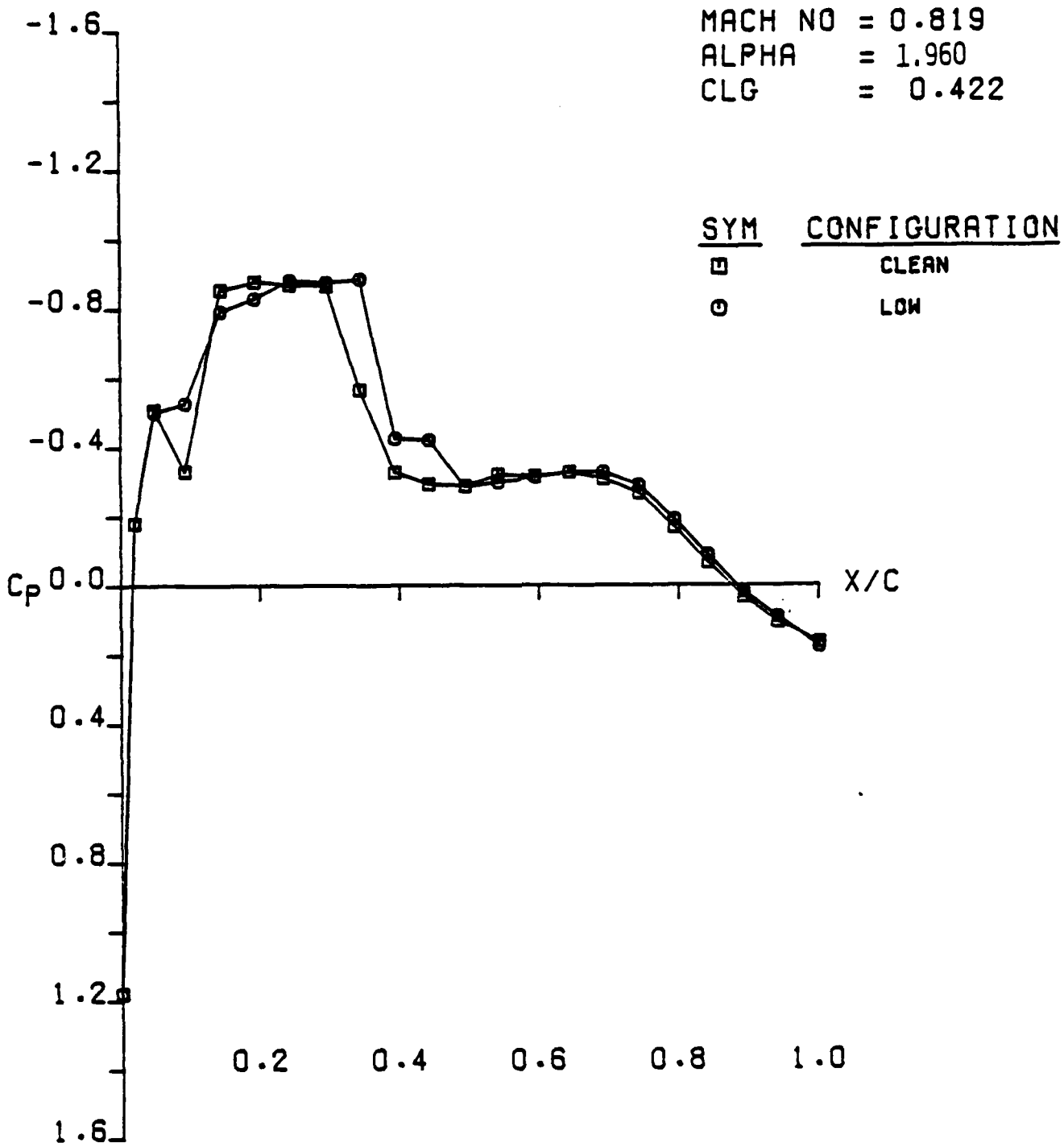
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS LOW (UPR SURF ETA .30)
AFOSR SEMISPAN MODEL A



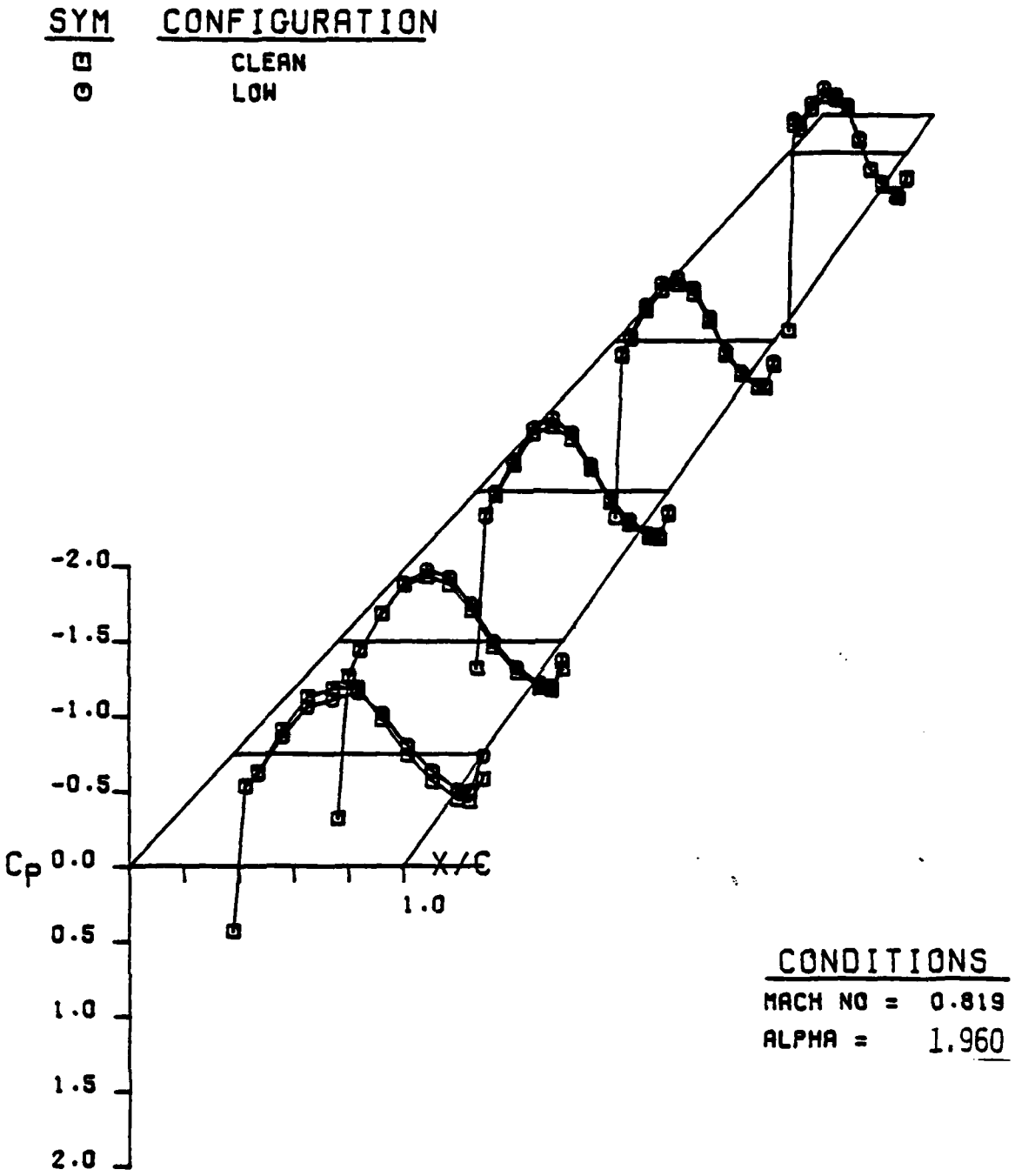
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS LOW (UPR SURF ETA .50)
AFOSR SEMISPAN MODEL A



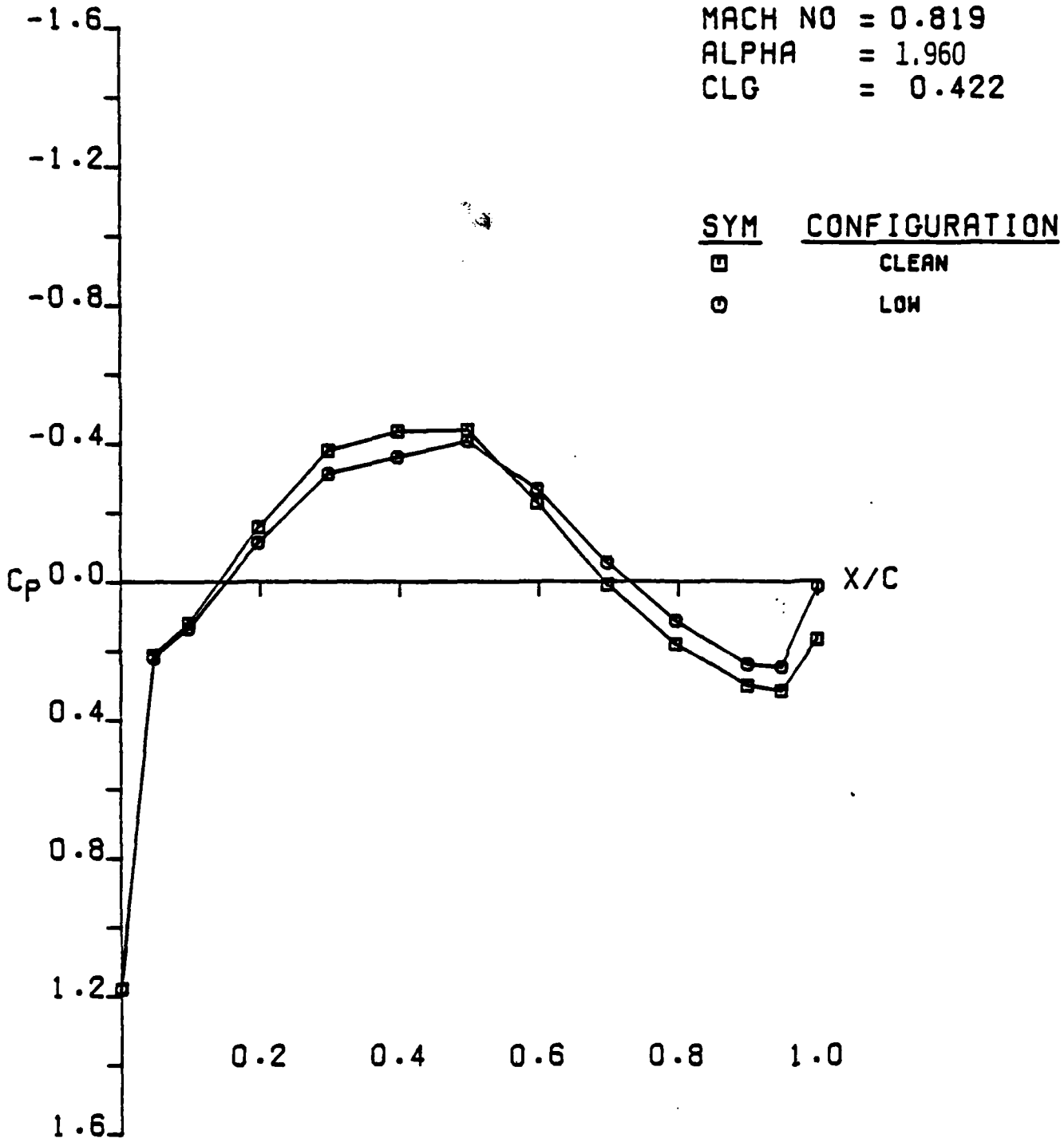
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS LOW (UPR SURF ETA .70)
AFOSR SEMISPAN MODEL A



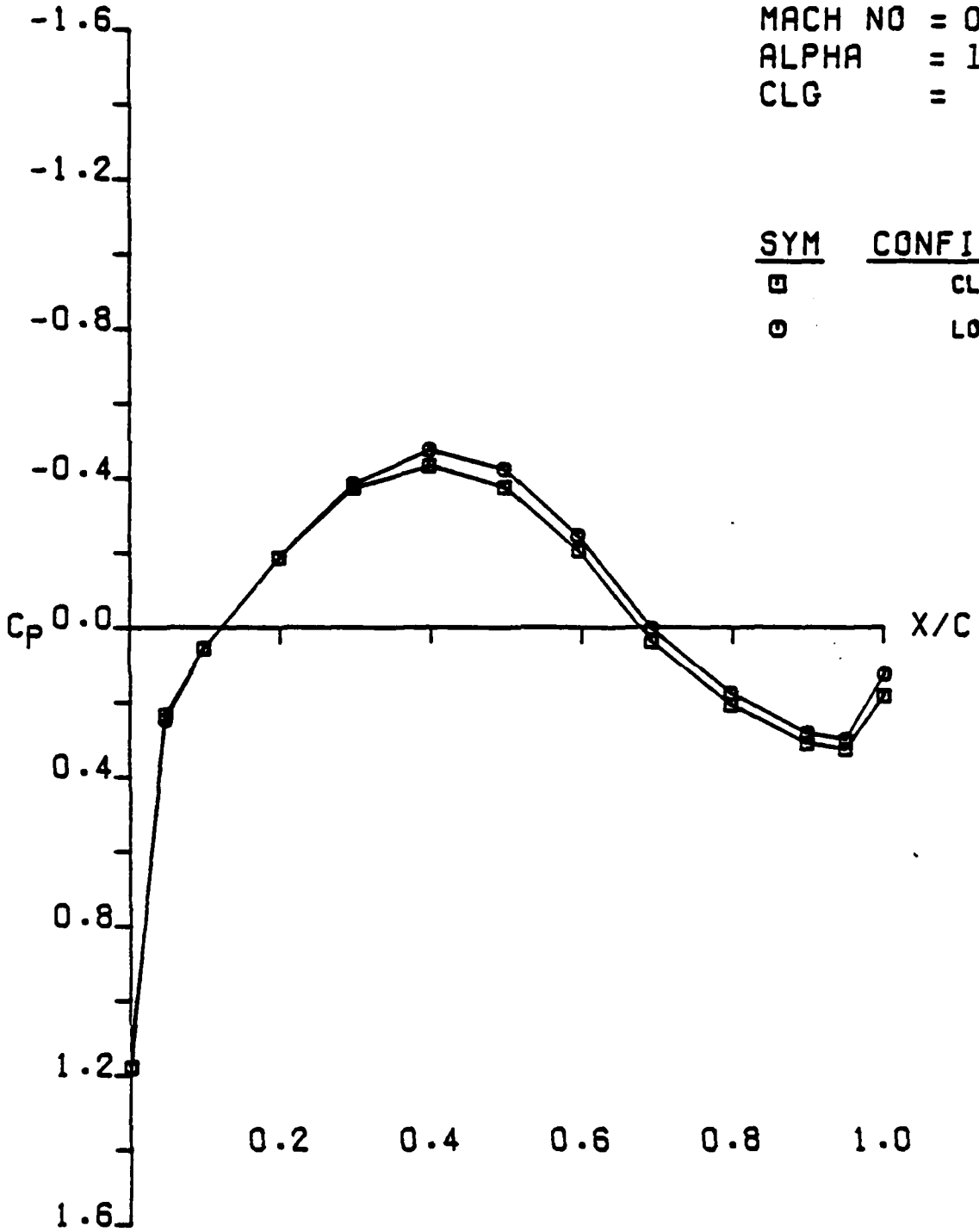
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS LOW (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL A



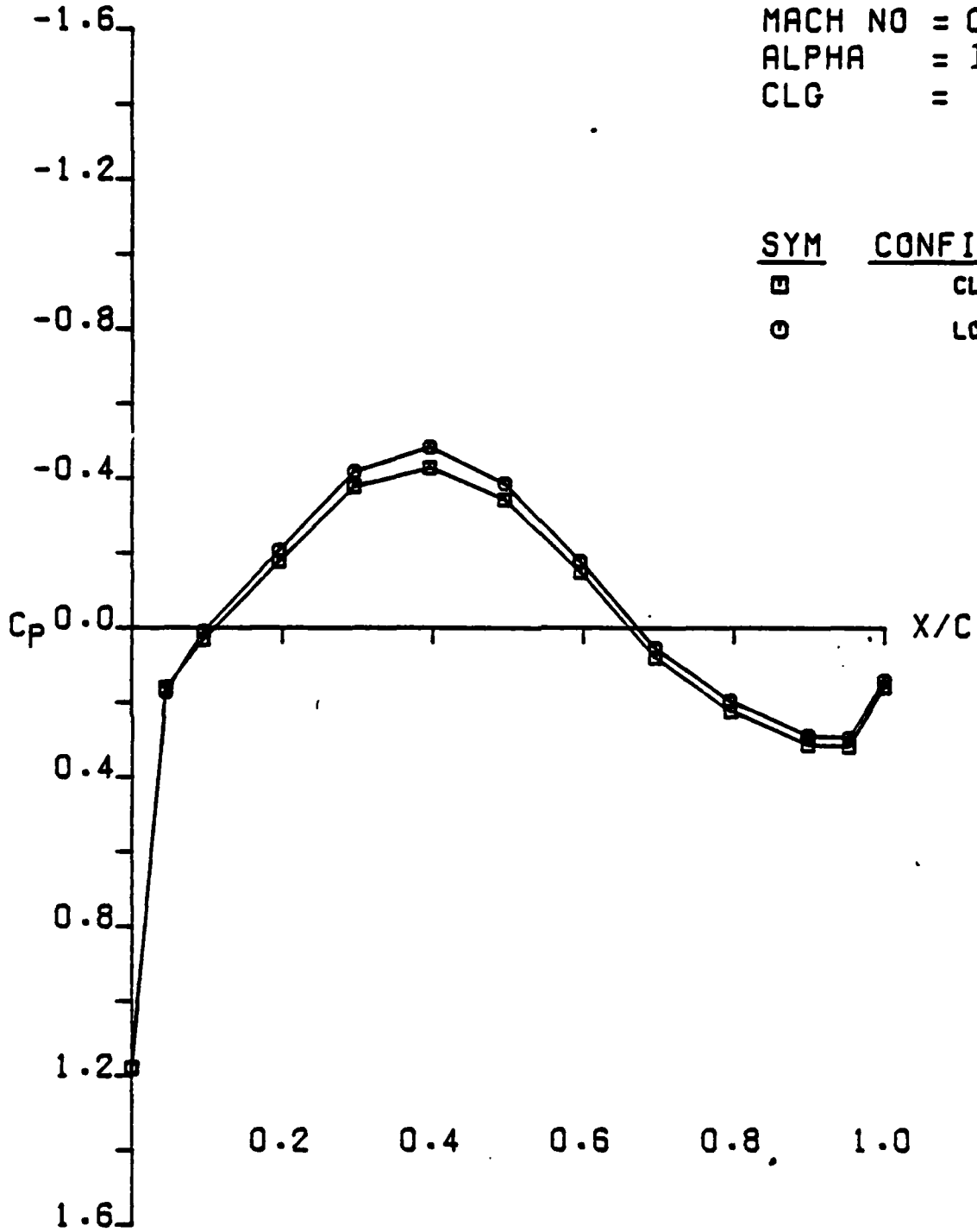
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS LOW (LWR SURF)
AFOSR SEMISPAN MODEL A



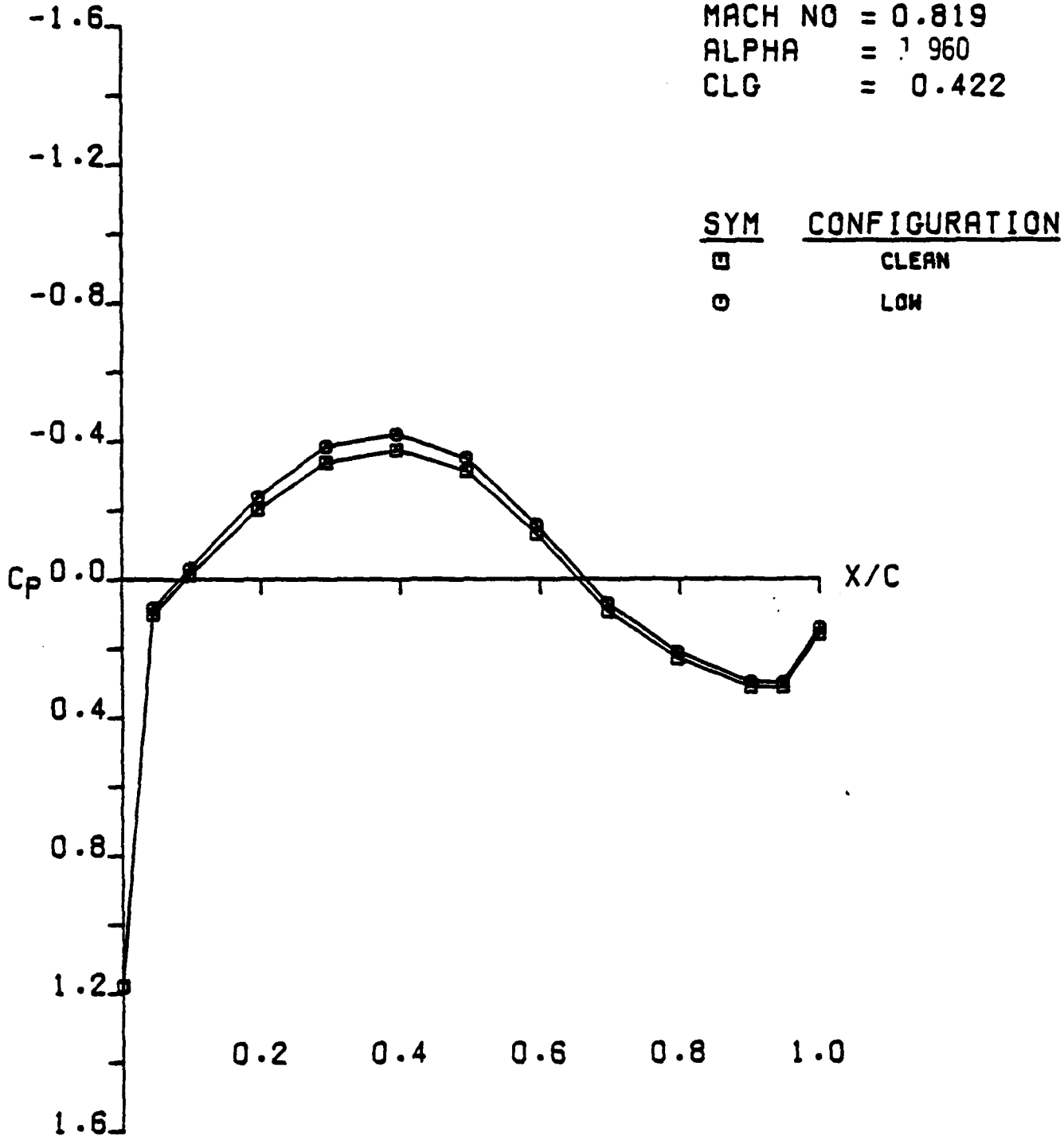
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS LOW (LWR SURF ETA .15)
AFOSR SEMISPAN MODEL A



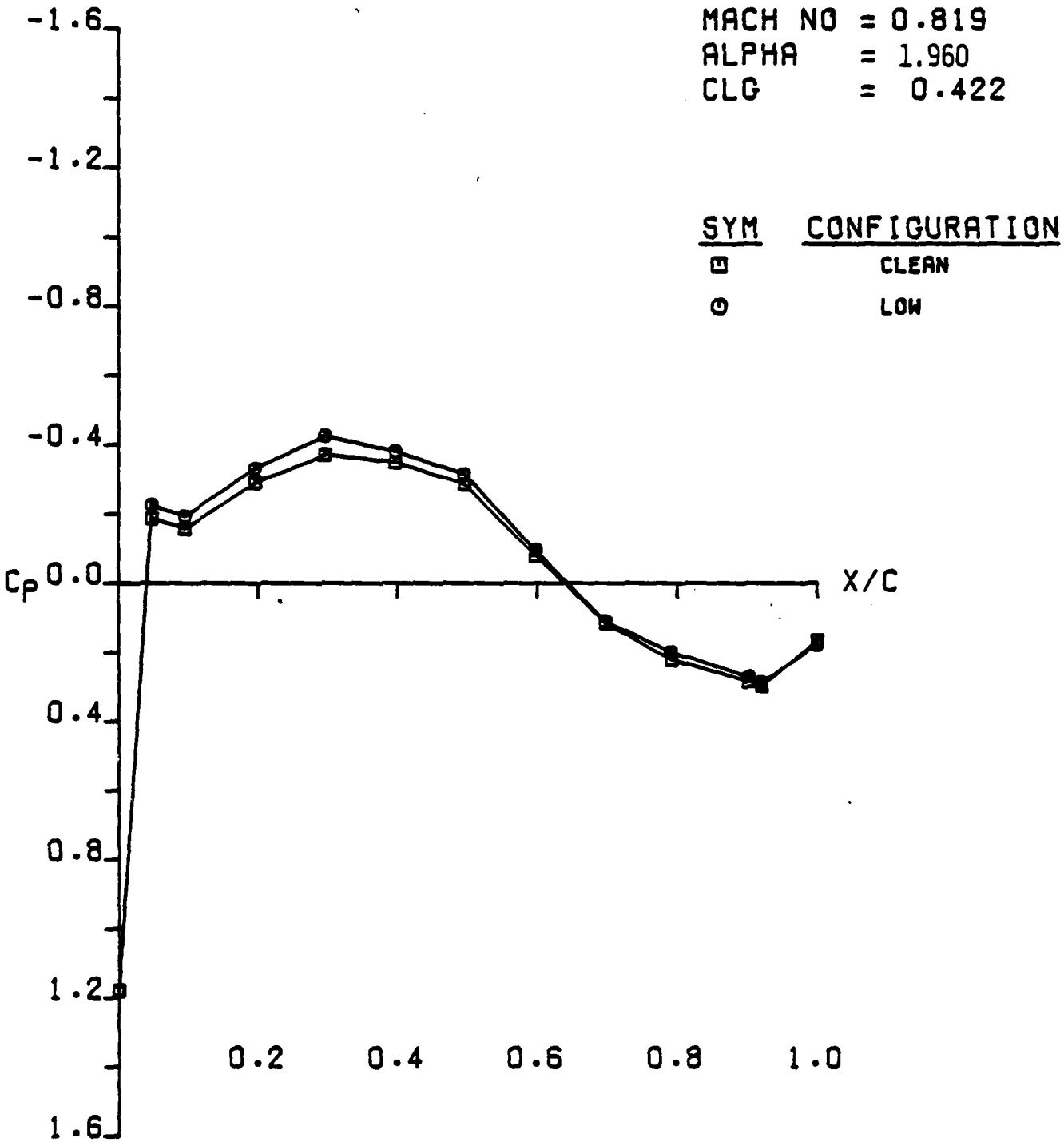
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS LOW (LWR SURF ETA .30)
AFOSR SEMISPAN MODEL A



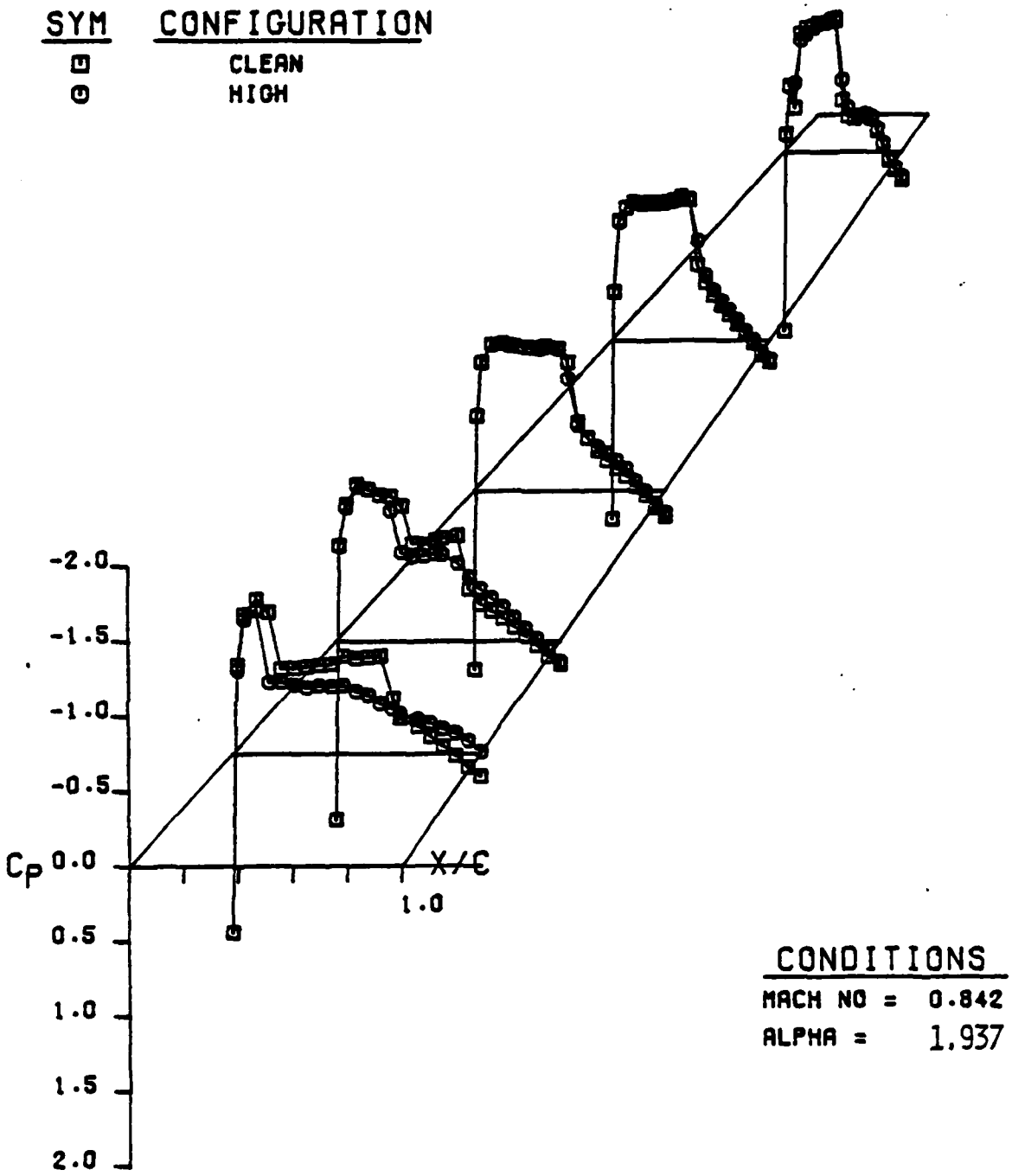
LOCKHEED CFWT SEMI-SPAN TEST. RUN 34
CLN VS LOW (LWR SURF ETA .50)
AFOSR SEMISPAN MODEL A



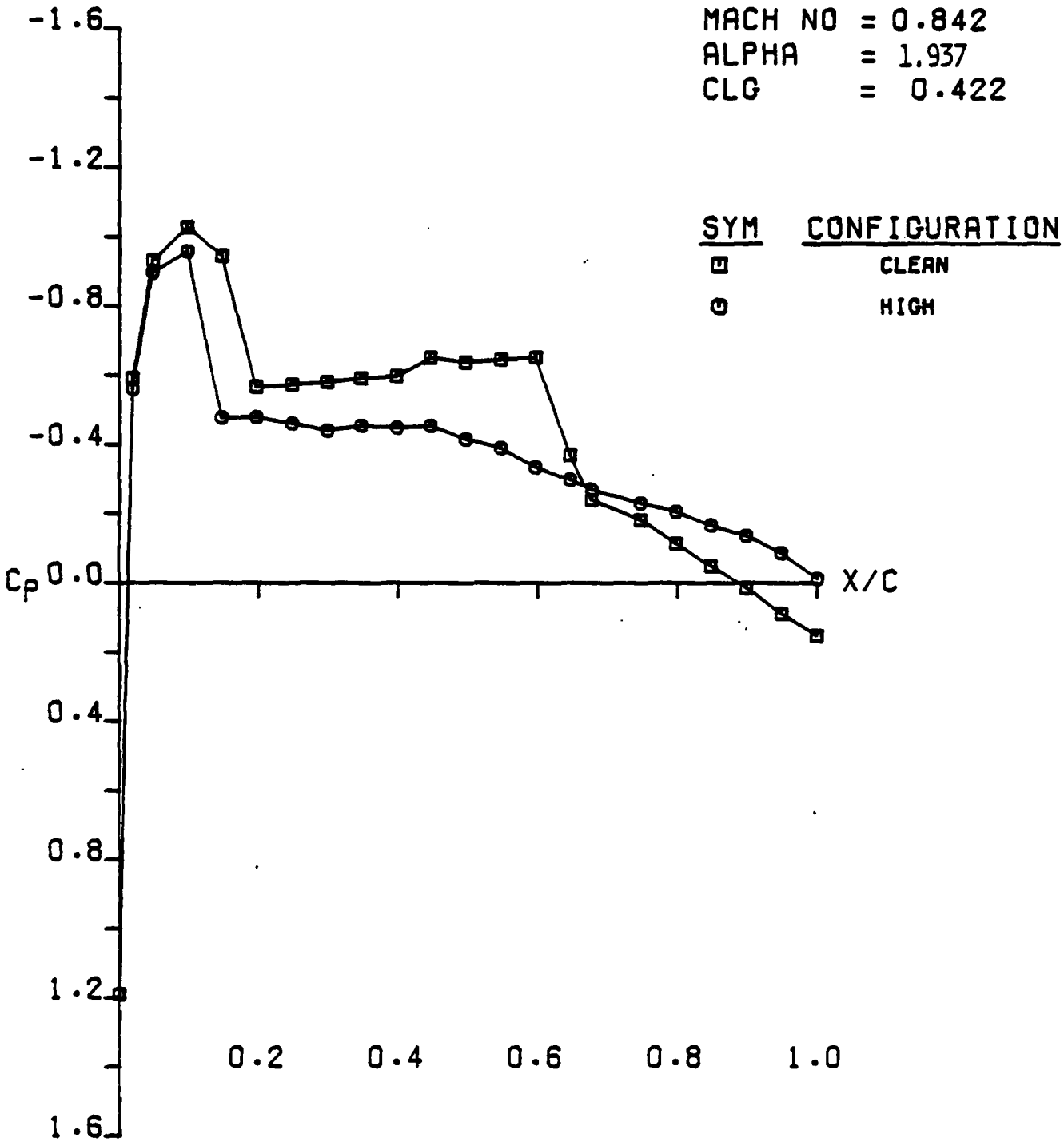
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS LOW (LWR SURF ETA .70)
AFOSR SEMISPAN MODEL A



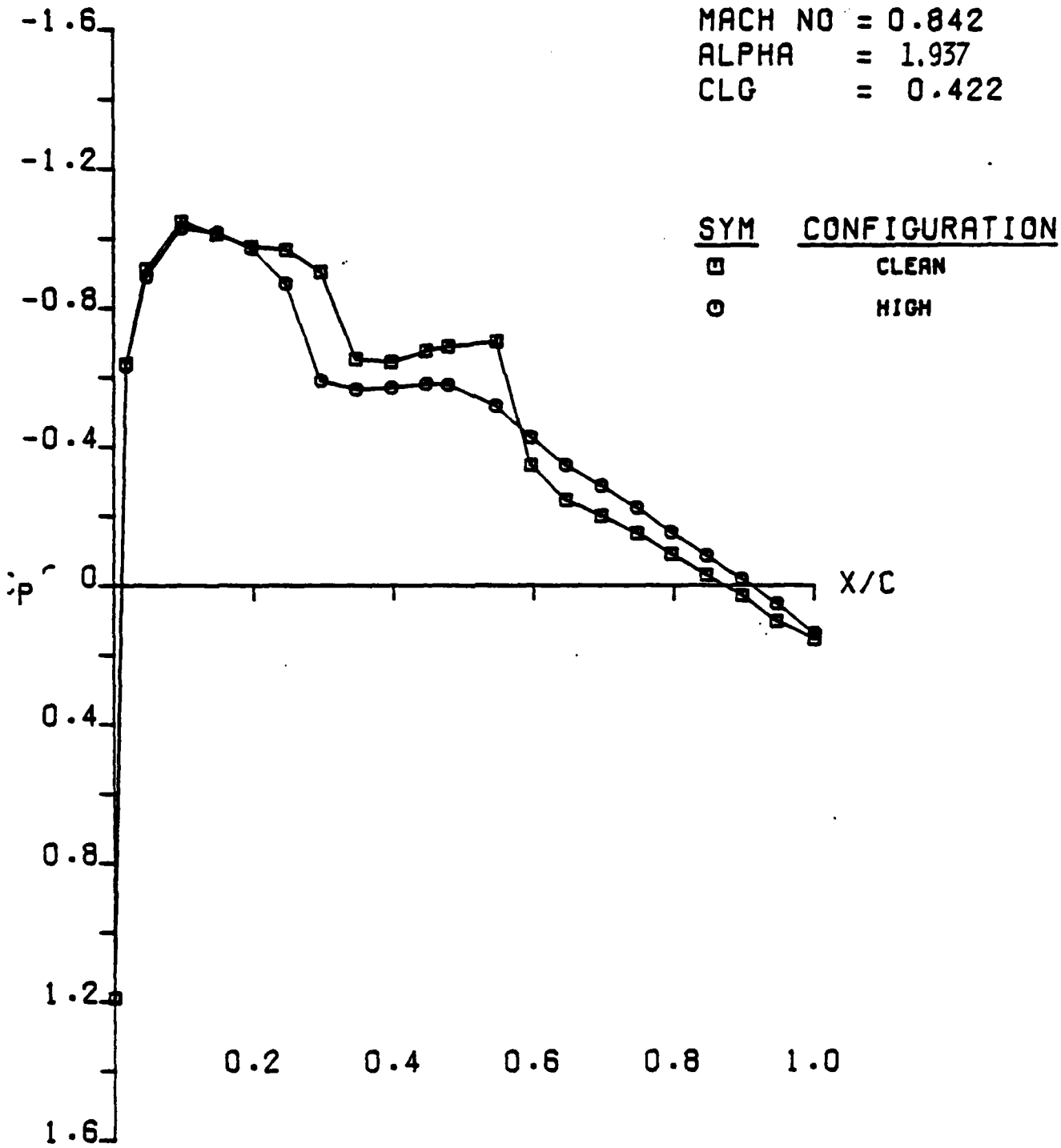
LOCKHEED CFWT SEMI-SPAN TEST, RUN 34
CLN VS LOW (LWR SURF ETA .95)
AFOSR SEMISPAN MODEL A



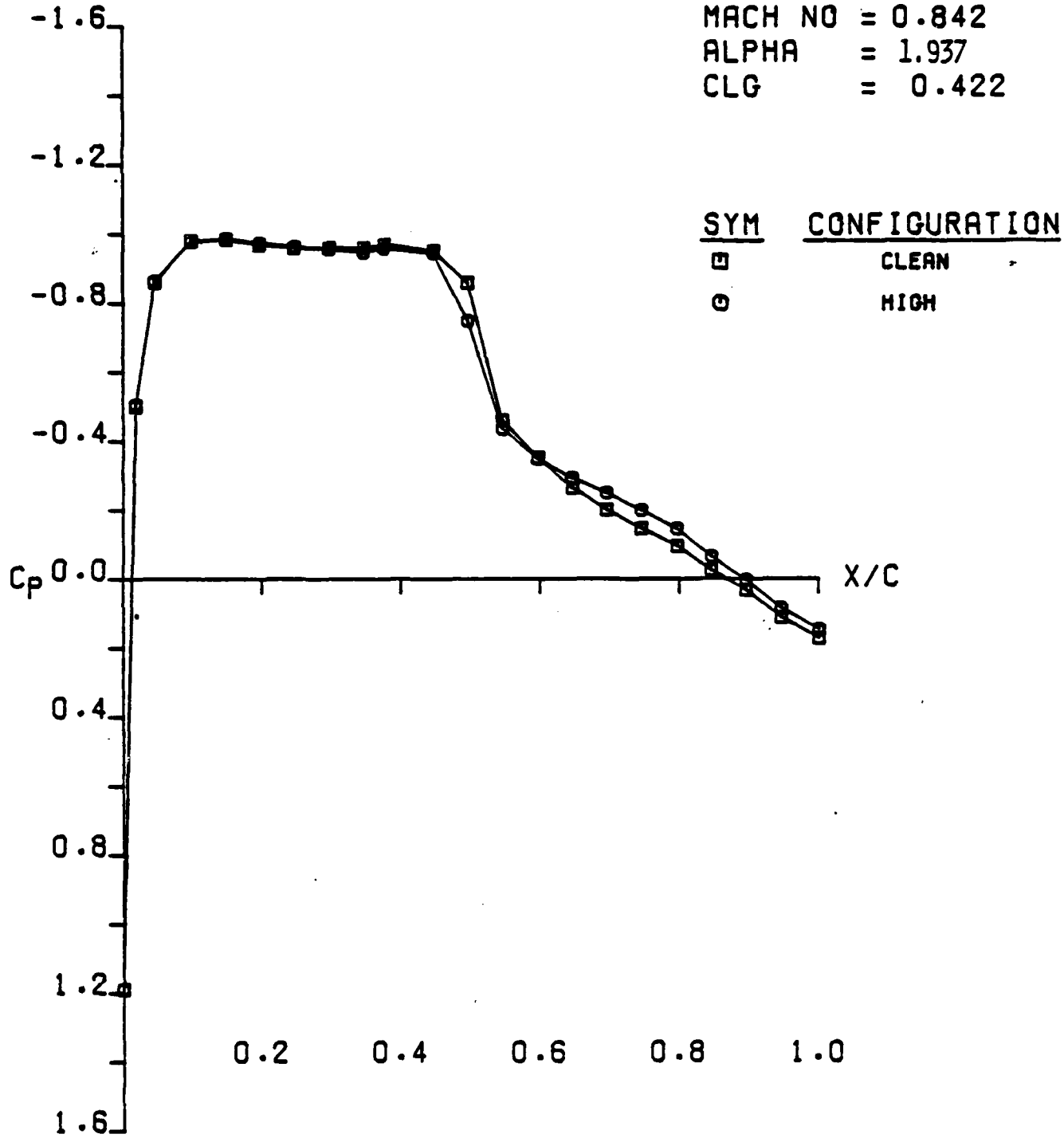
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS HIGH (UPR SURF)
AFOSR SEMISPAN MODEL A



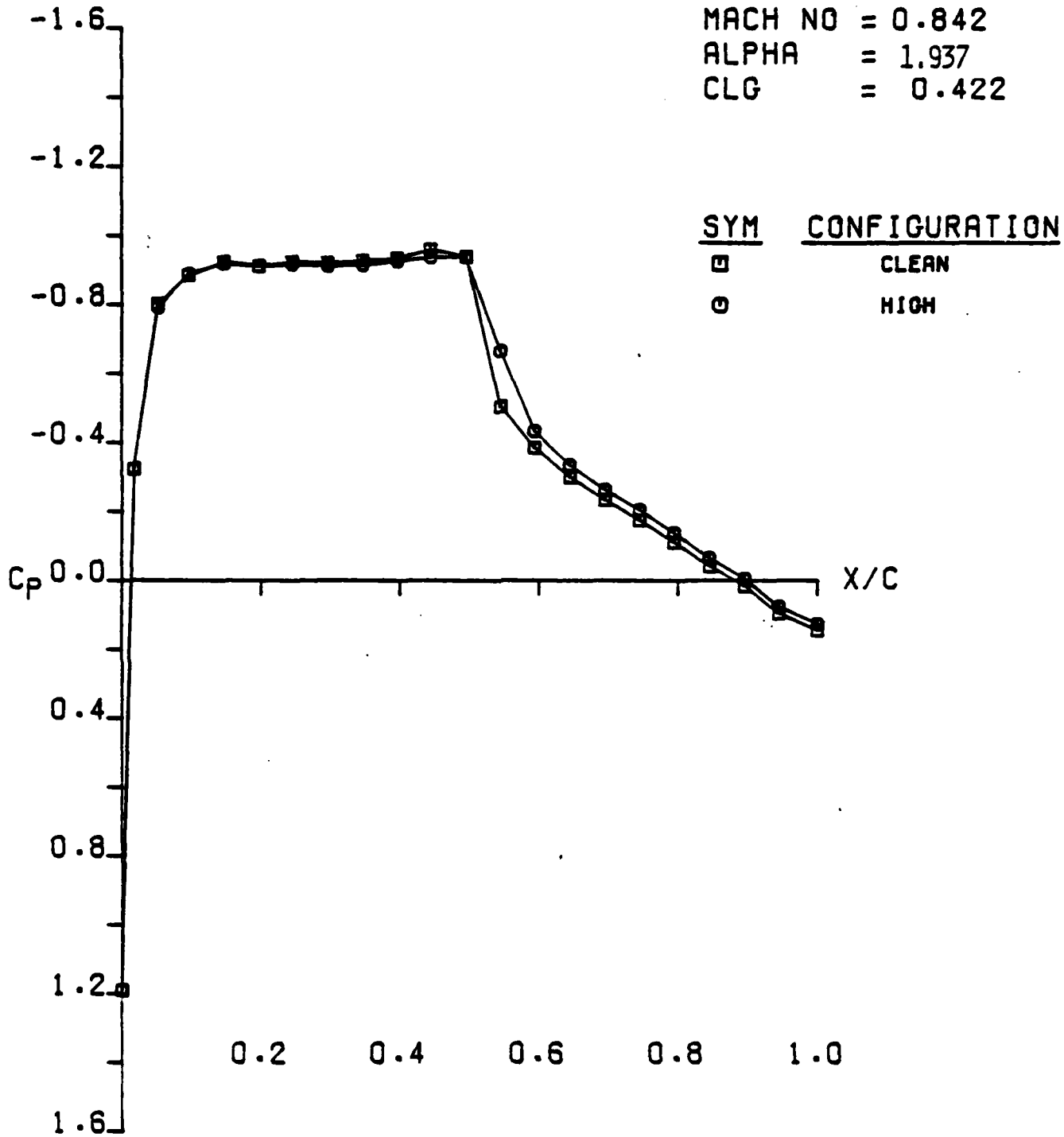
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS HIGH (UPR SURF ETA .15)
AFOSR SEMISPAN MODEL A



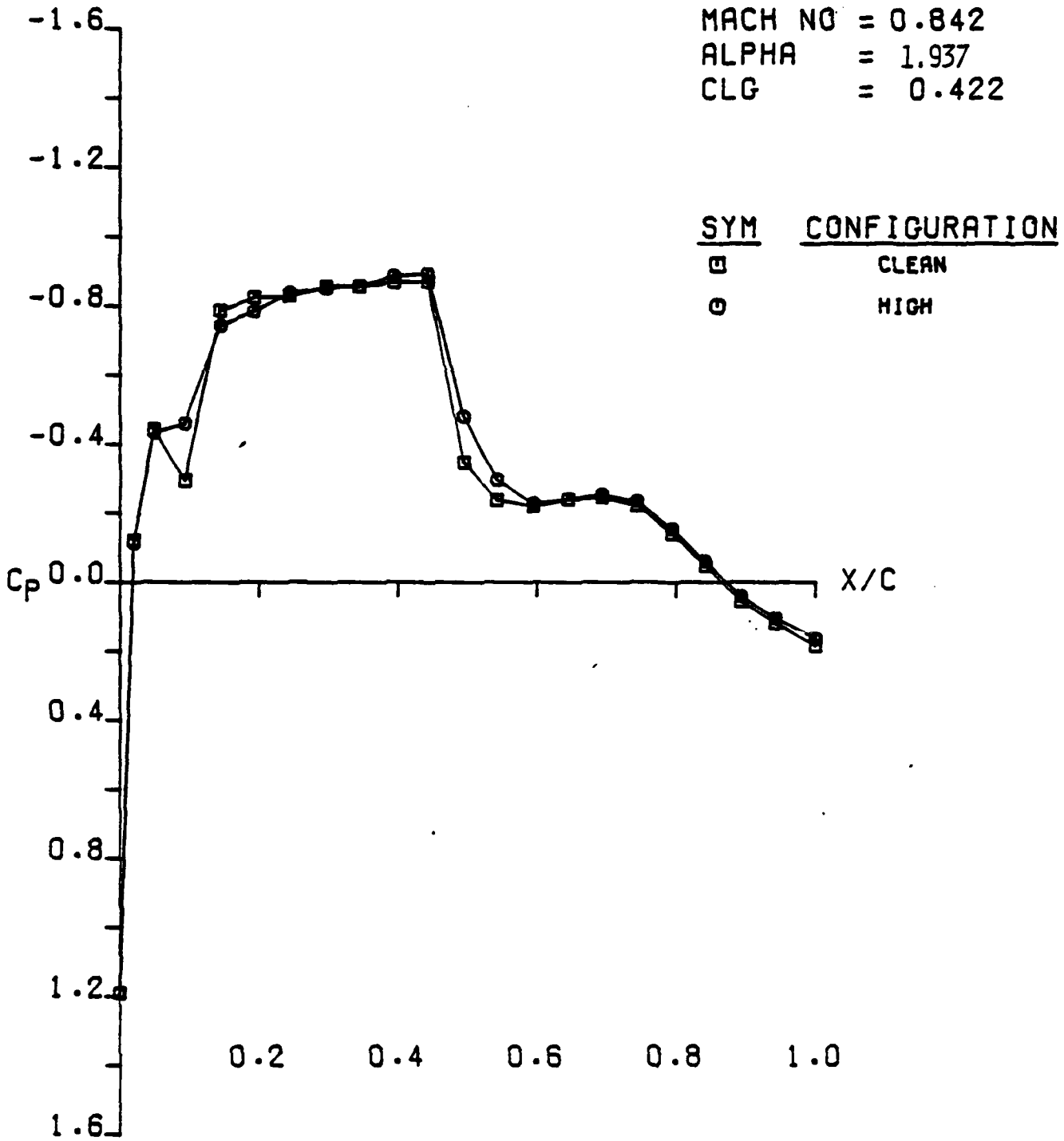
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS HIGH (UPR SURF ETA .30)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST. RUN 38
CLN VS HIGH (UPR SURF ETA .50)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS HIGH (UPR SURF ETA .70)
AFOSR SEMISPAN MODEL A



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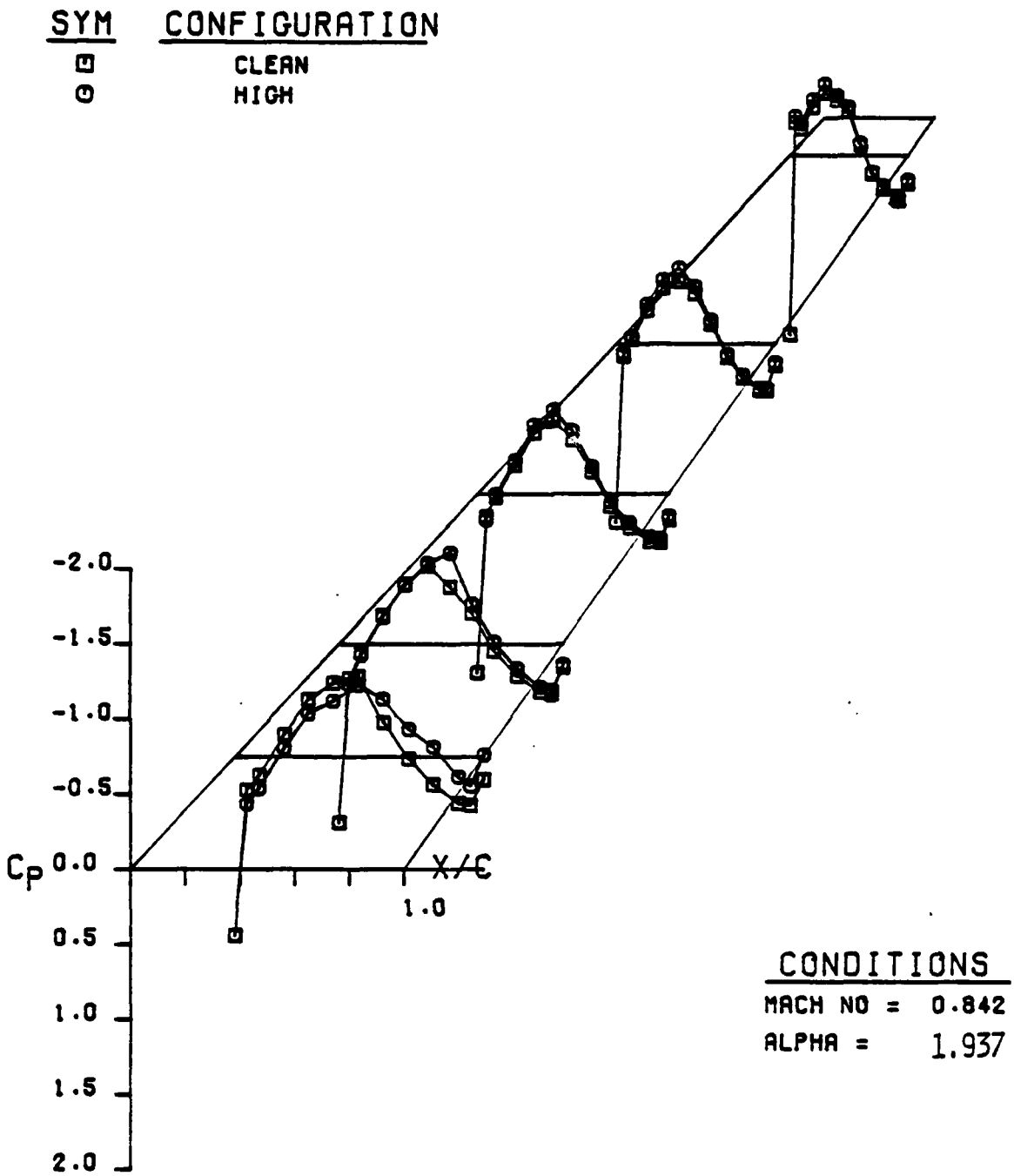
CLN VS HIGH (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL A



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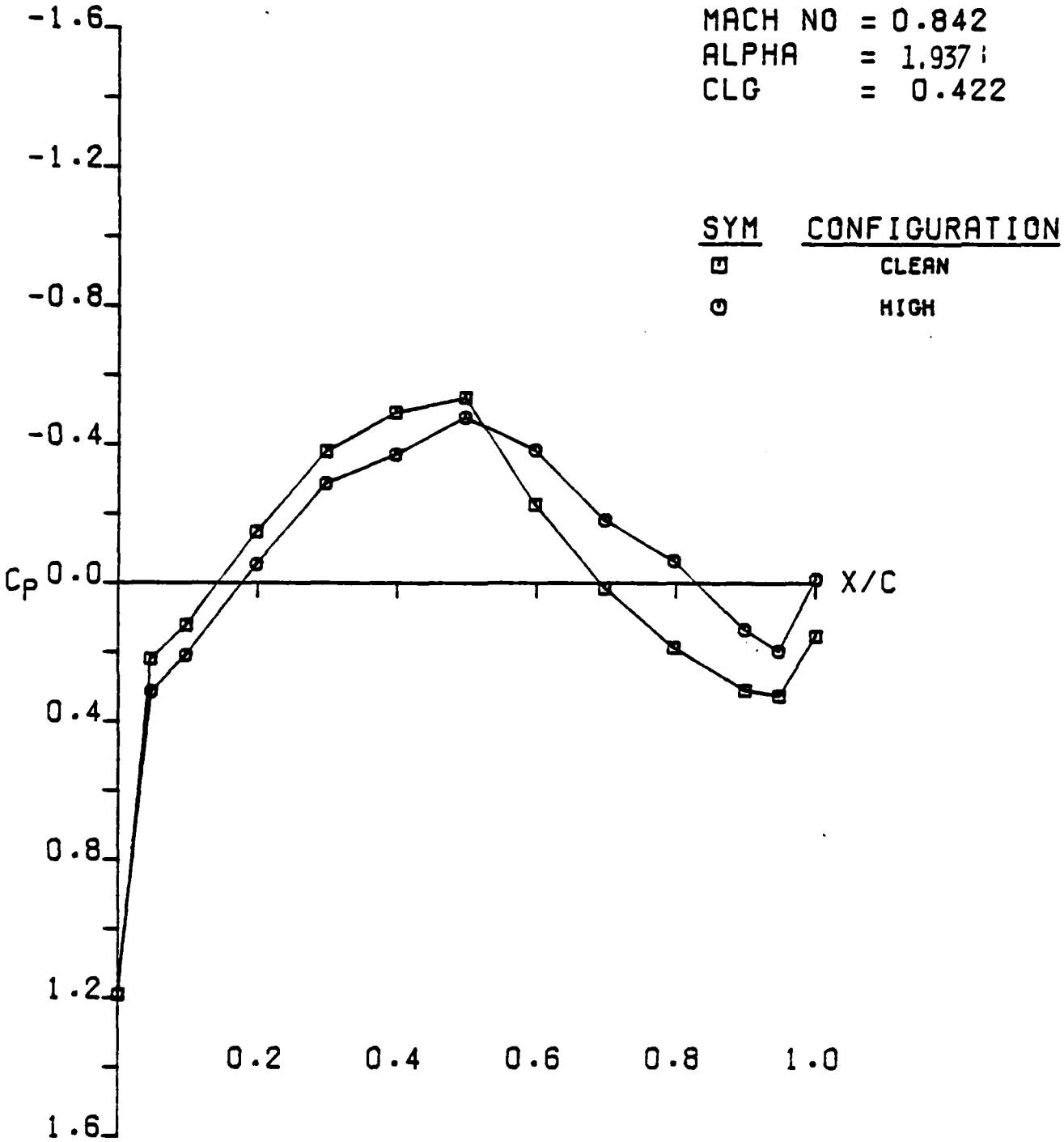
CLN VS HIGH (LWR SURF)
AFOSR SEMISPAN MODEL A



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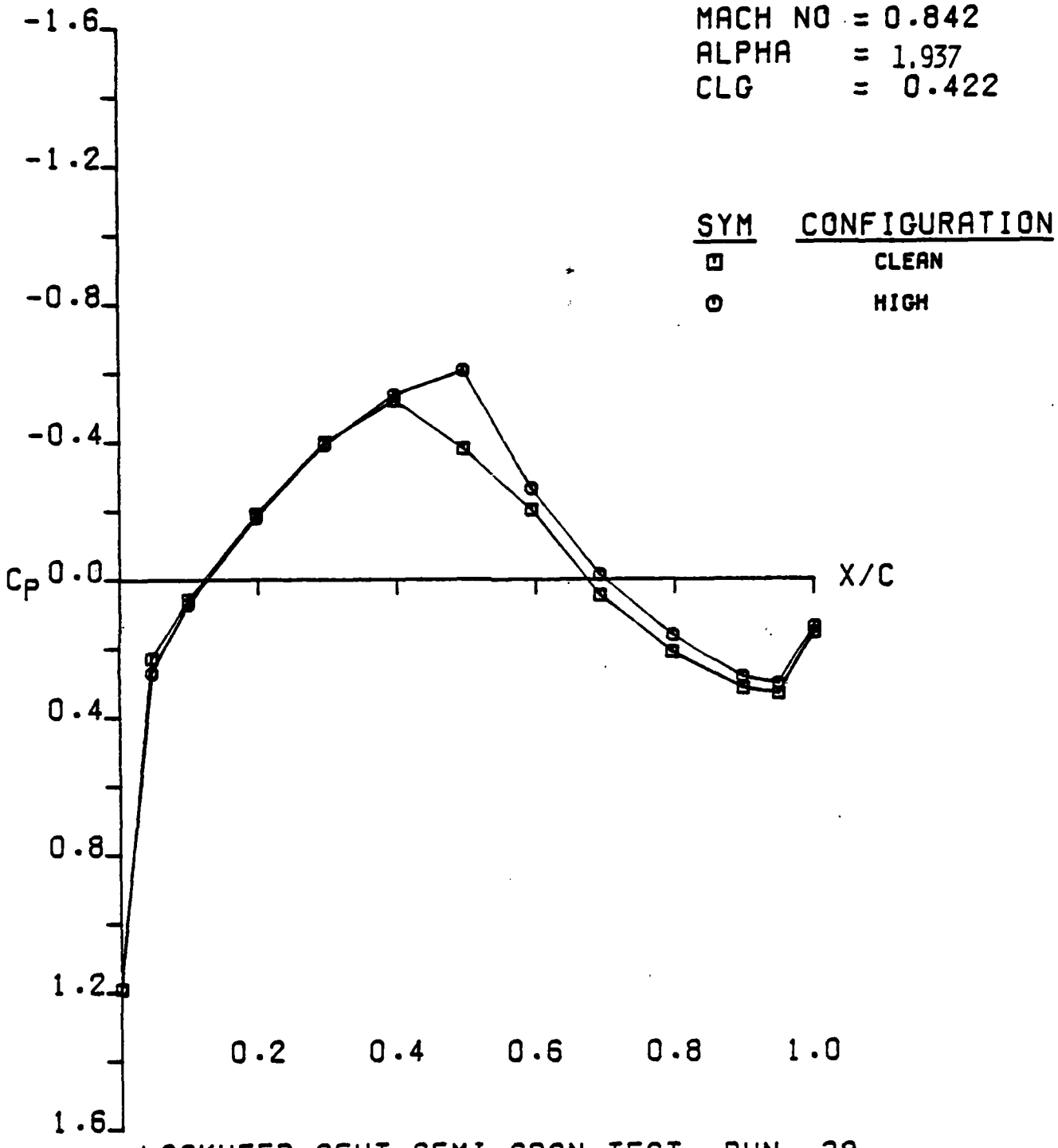
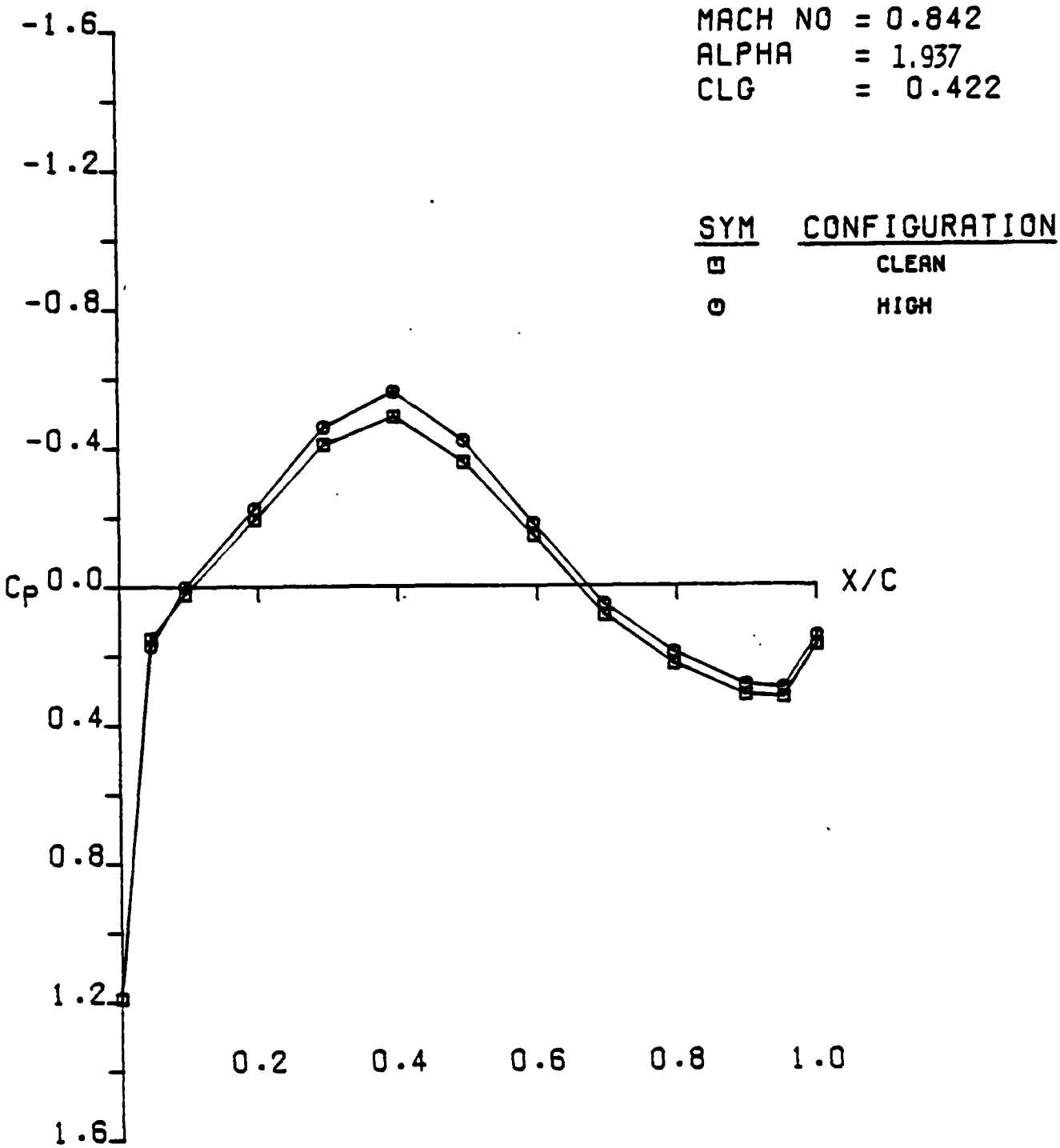
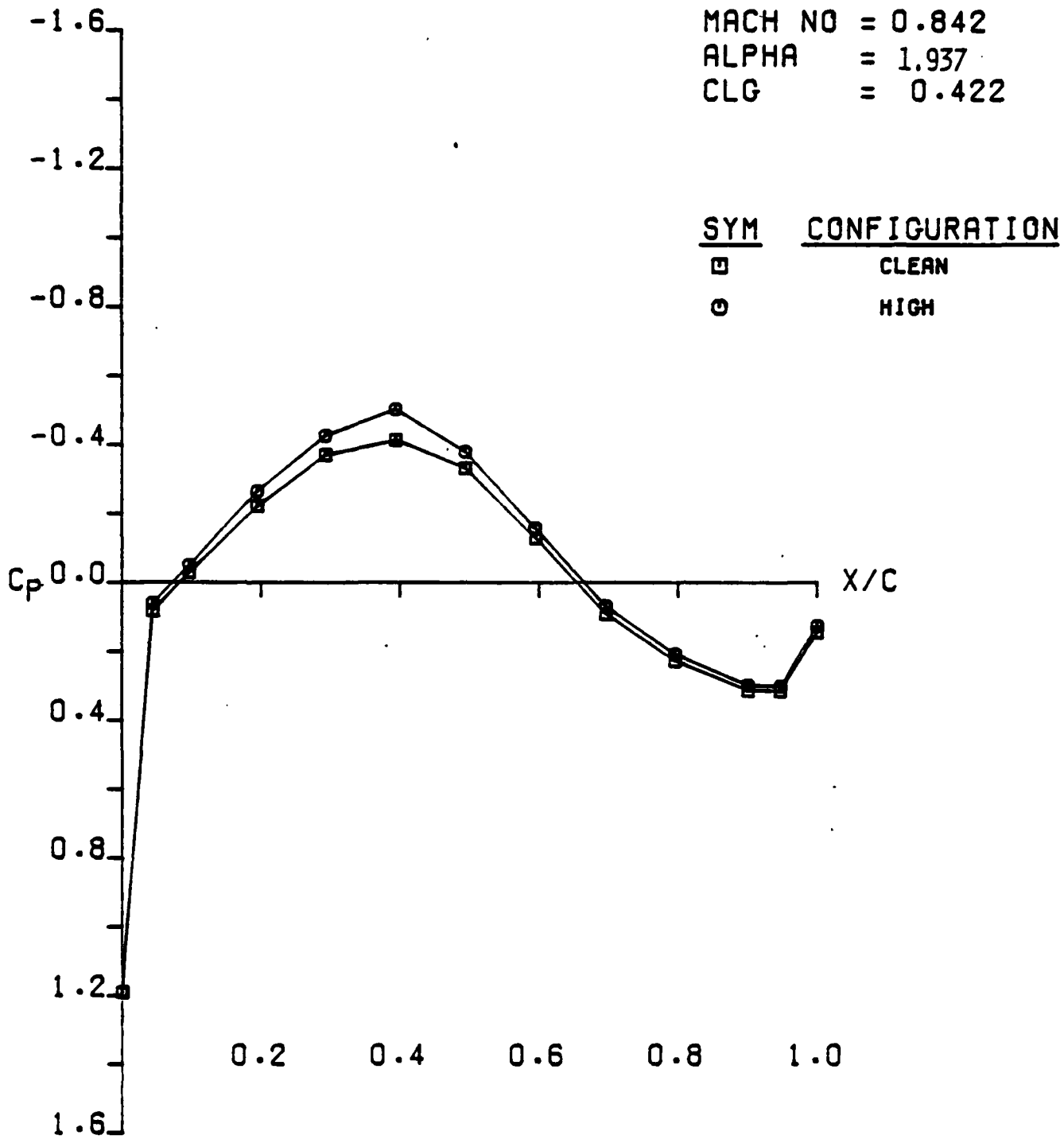
CLN VS HIGH (LWR SURF ETA .15)
AFOSR SEMISPAN MODEL A



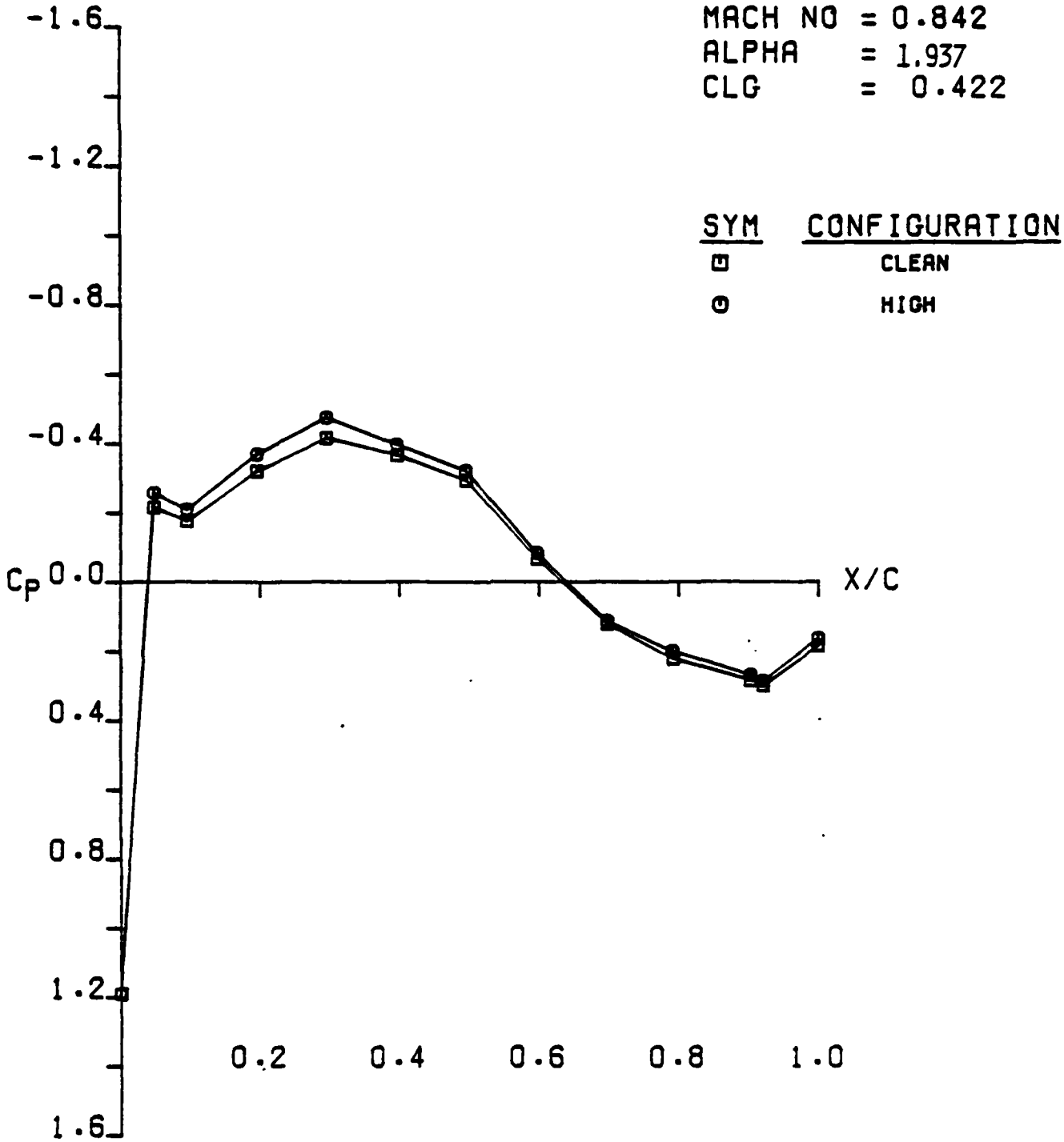
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS HIGH (LWR SURF ETA .30)
AFOSR SEMISPAN MODEL A



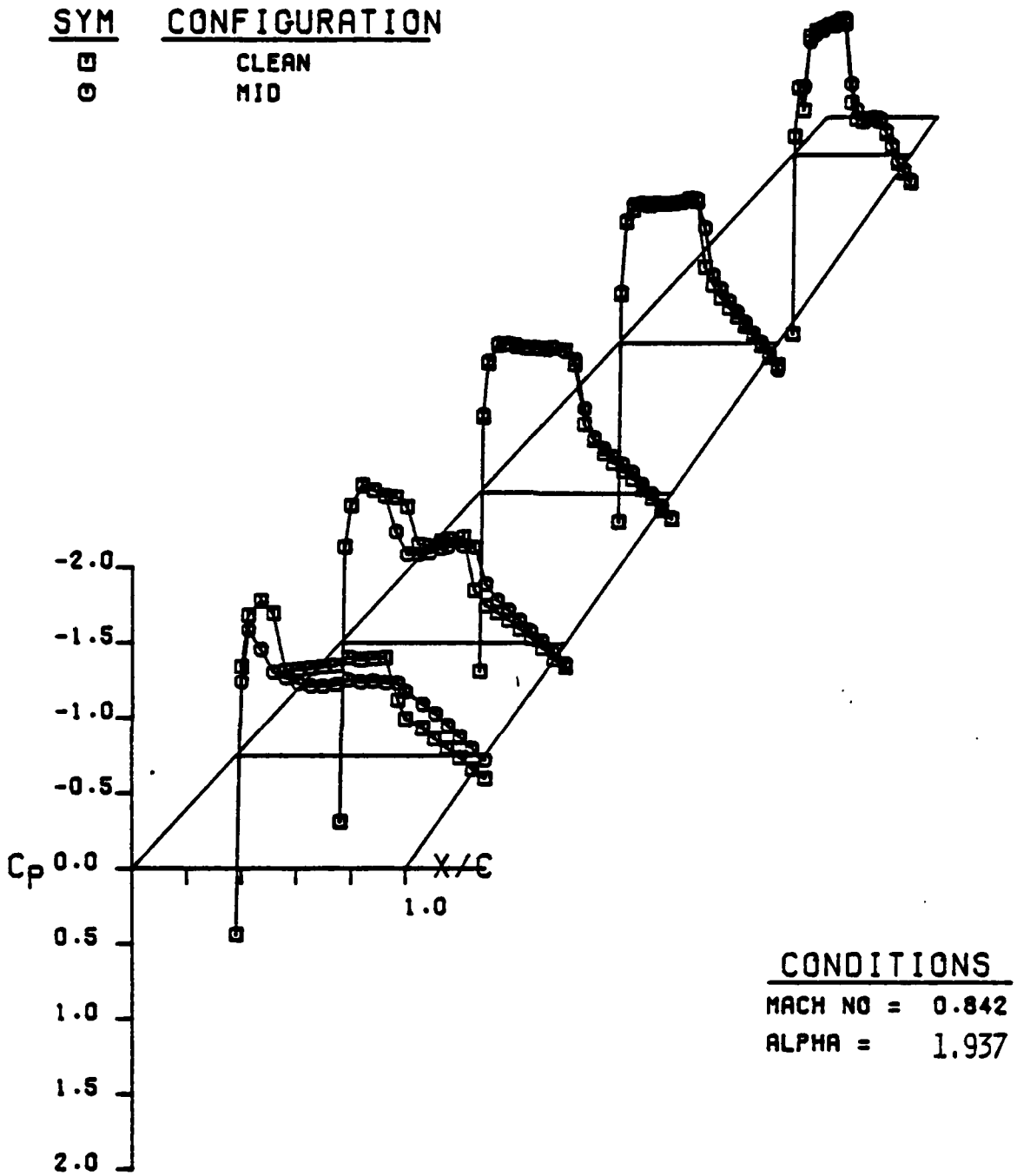
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS HIGH (LWR SURF ETA .50)
AFOSR SEMISPAN MODEL A



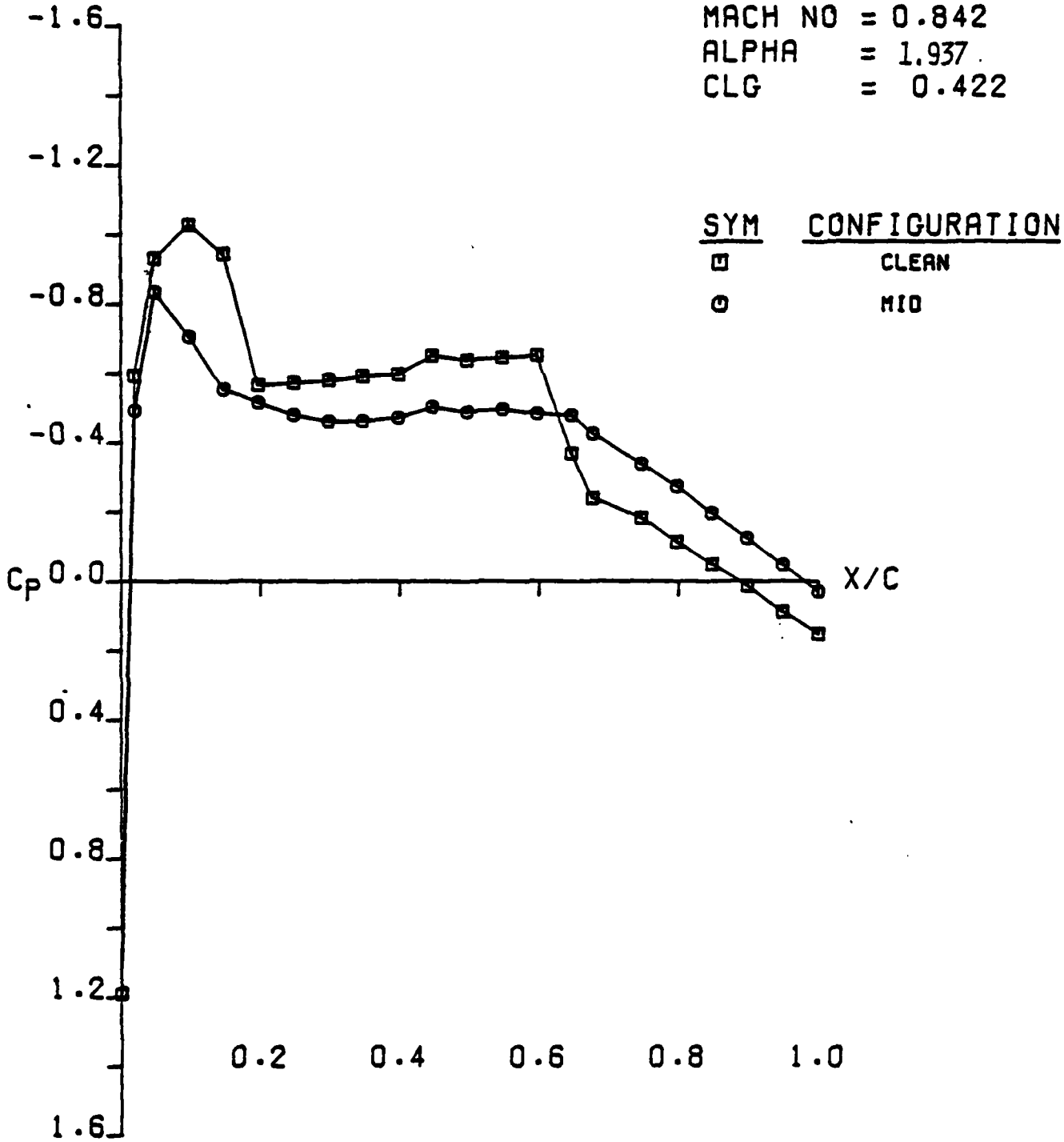
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS HIGH (LWR SURF ETA .70)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS HIGH (LWR SURF ETA .95)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS MID (UPR SURF)
AFOSR SEMISPAN MODEL A



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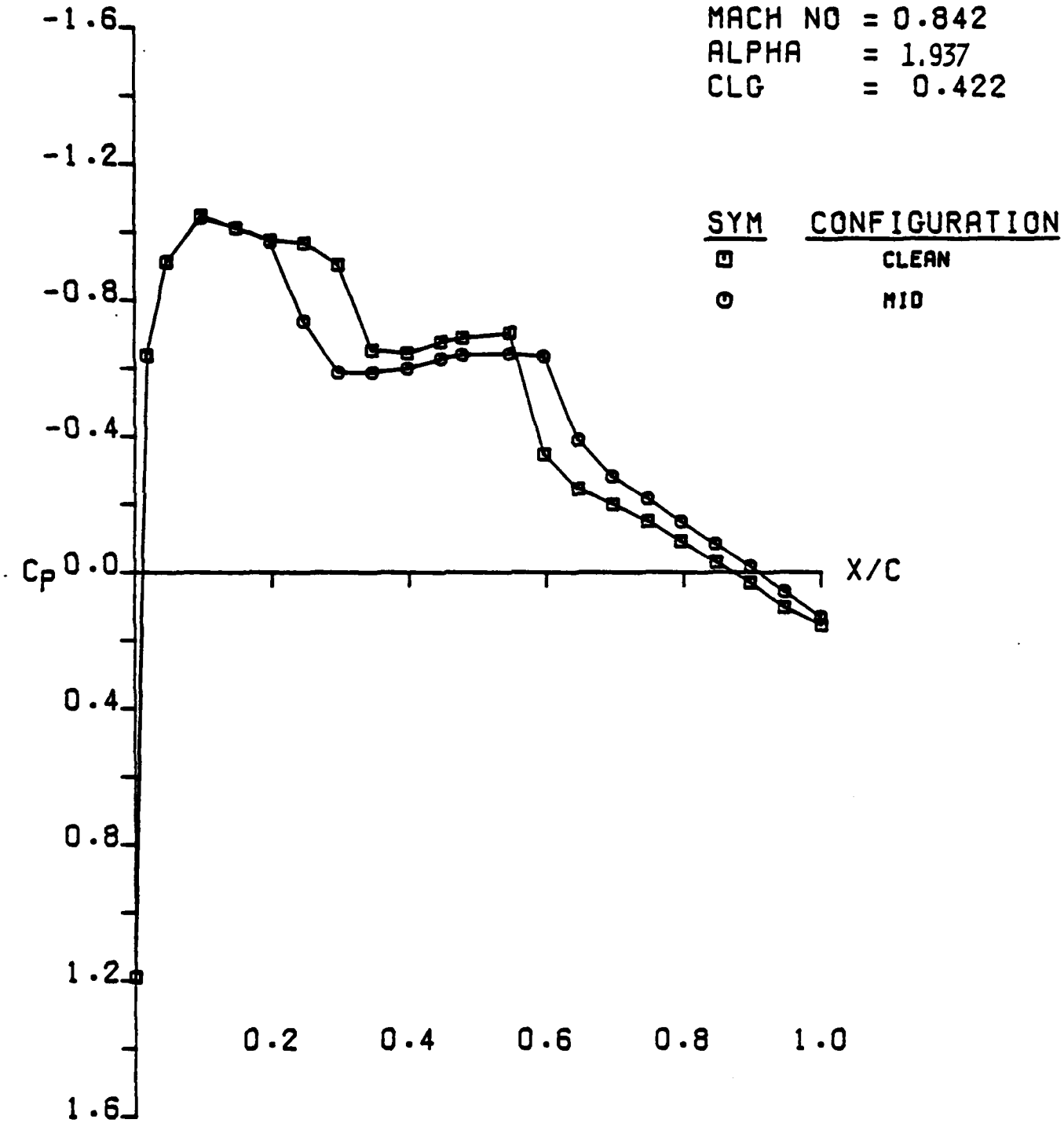
CLN VS MID (UPR SURF ETA .15)
AFOSR SEMISPAN MODEL A



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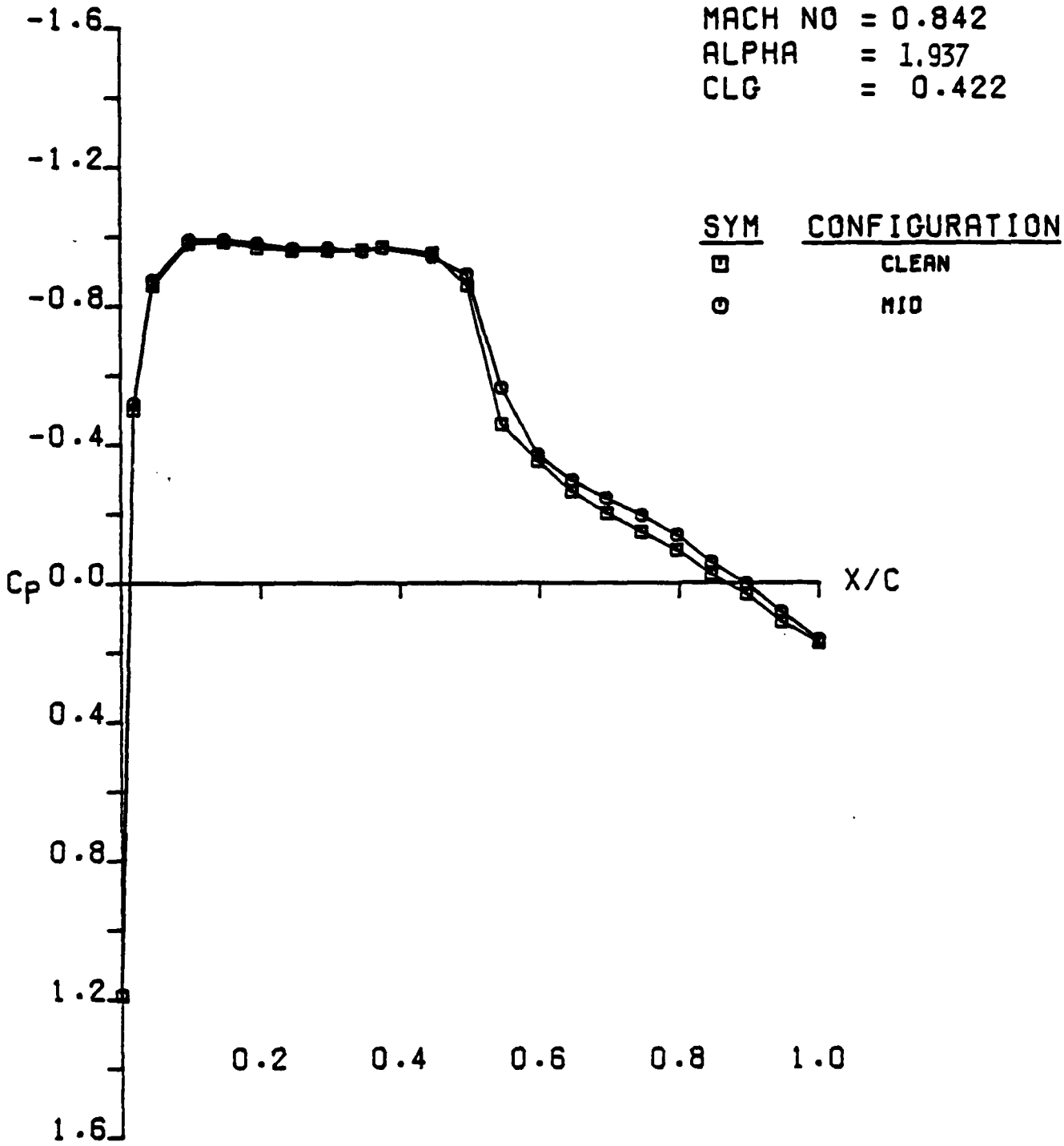
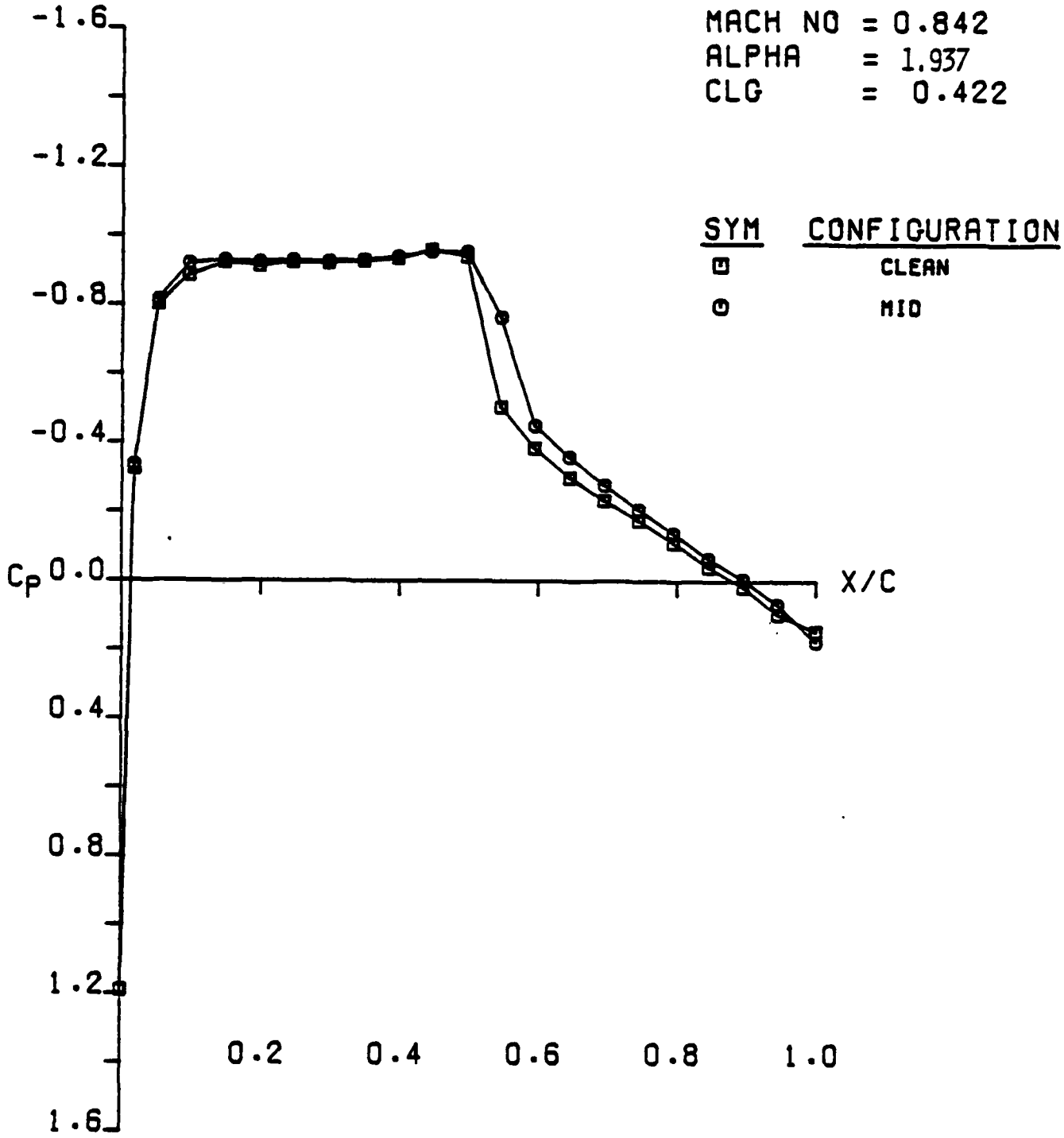
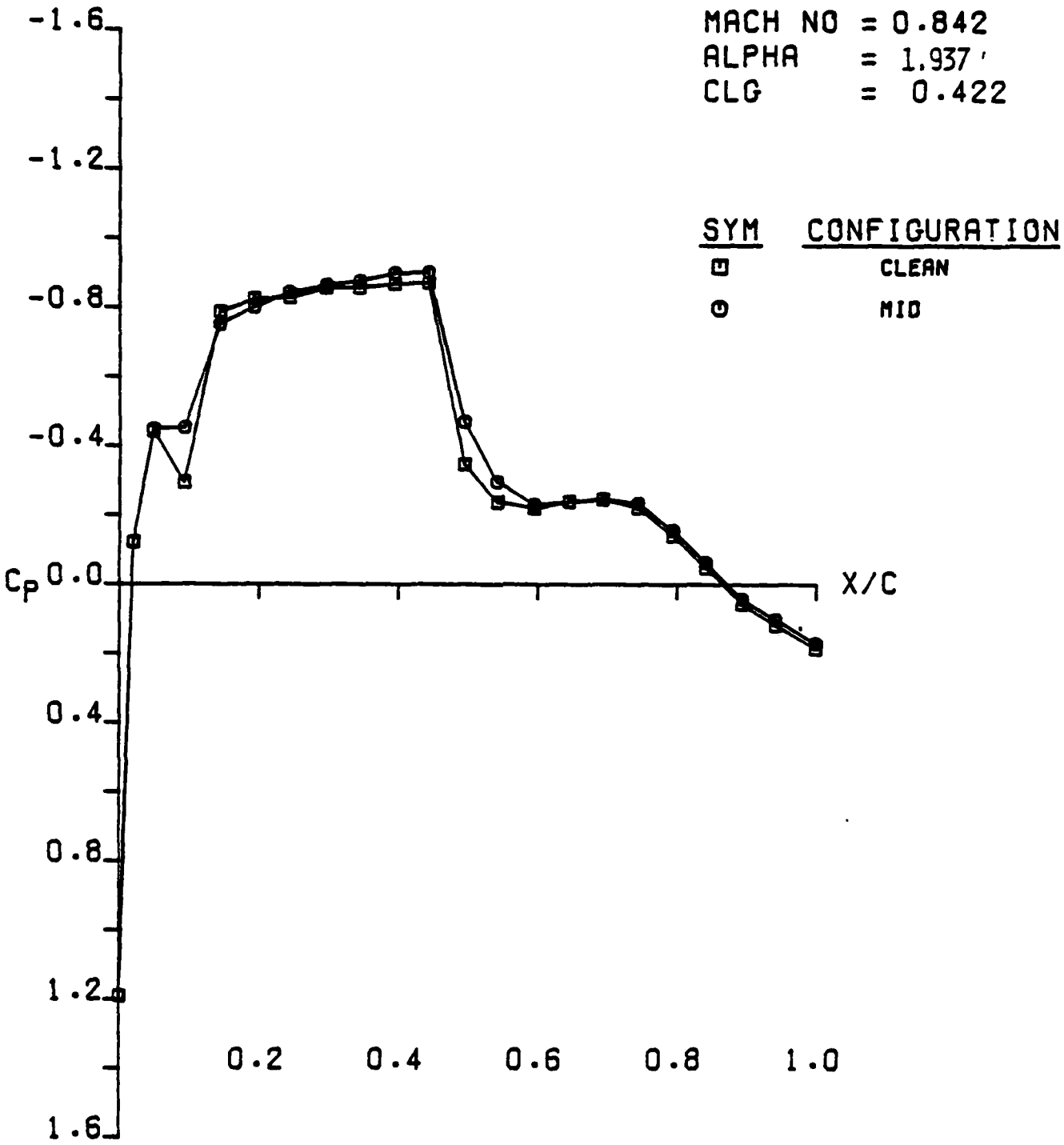
CLN VS MID (UPR SURF ETA .30)
AFOSR SEMISPAN MODEL A



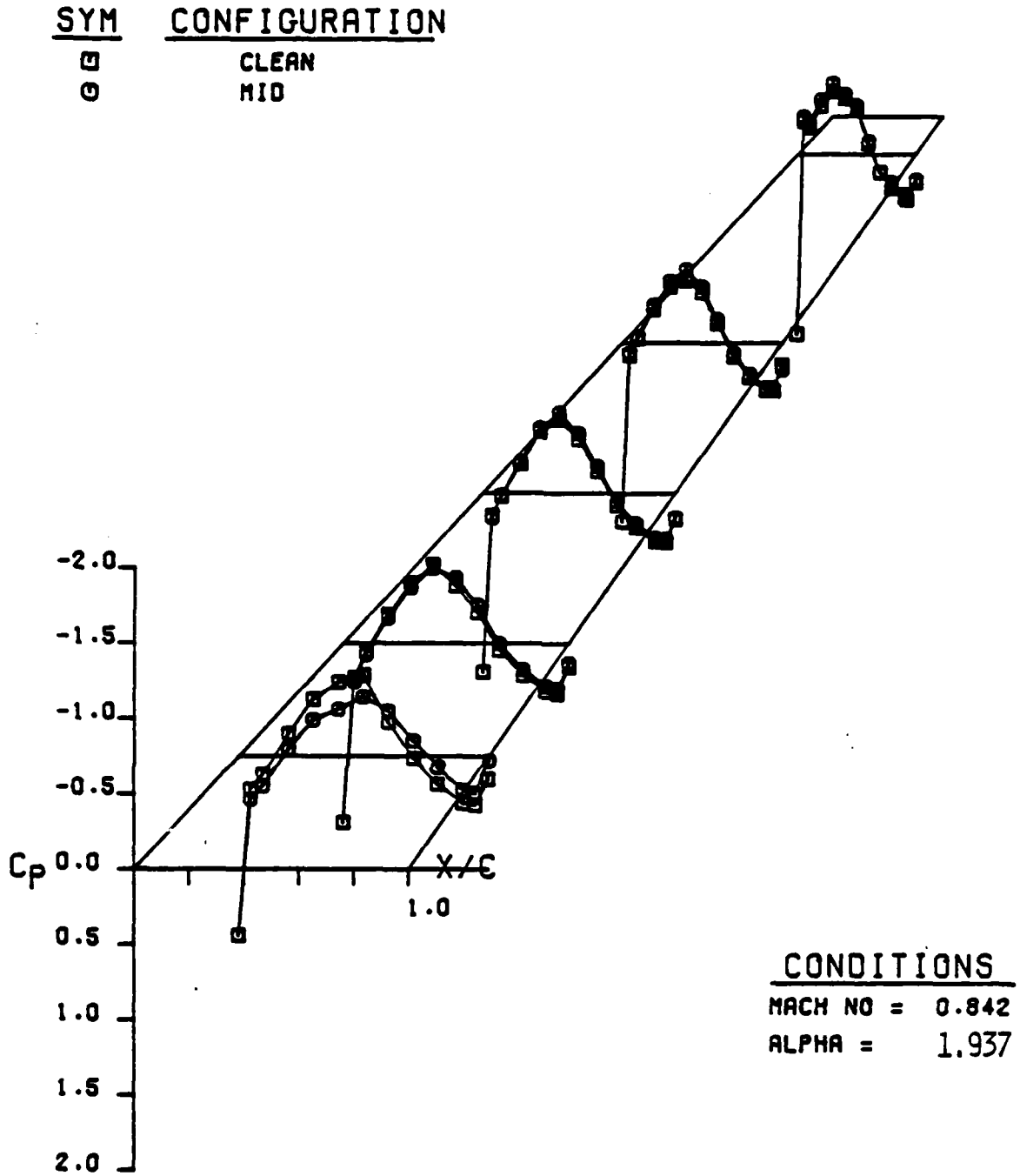
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS MID (UPR SURF ETA .50)
AFOSR SEMISPAN MODEL A



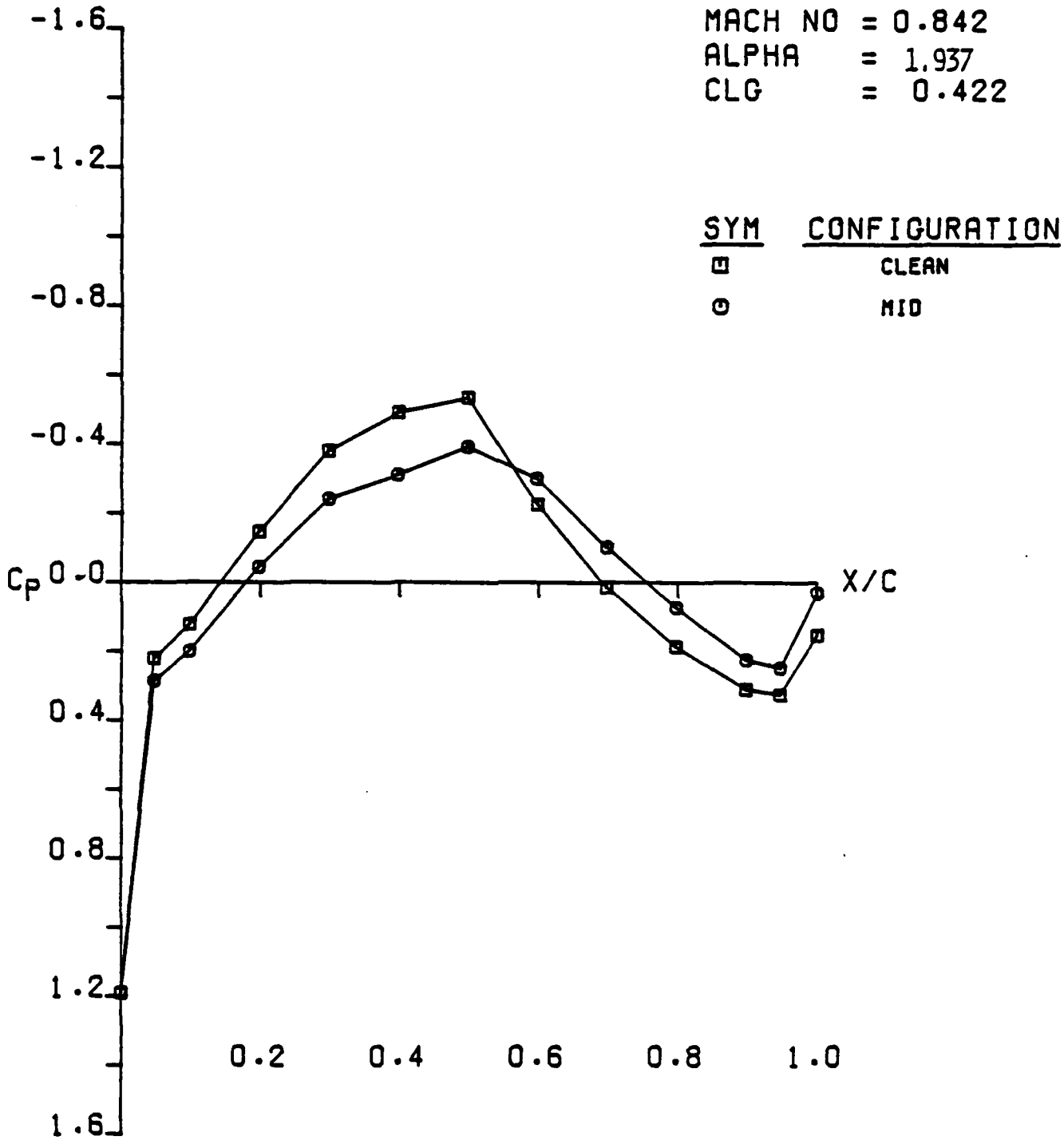
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS MID (UPR SURF ETA .70)
AFOSR SEMISPAN MODEL A



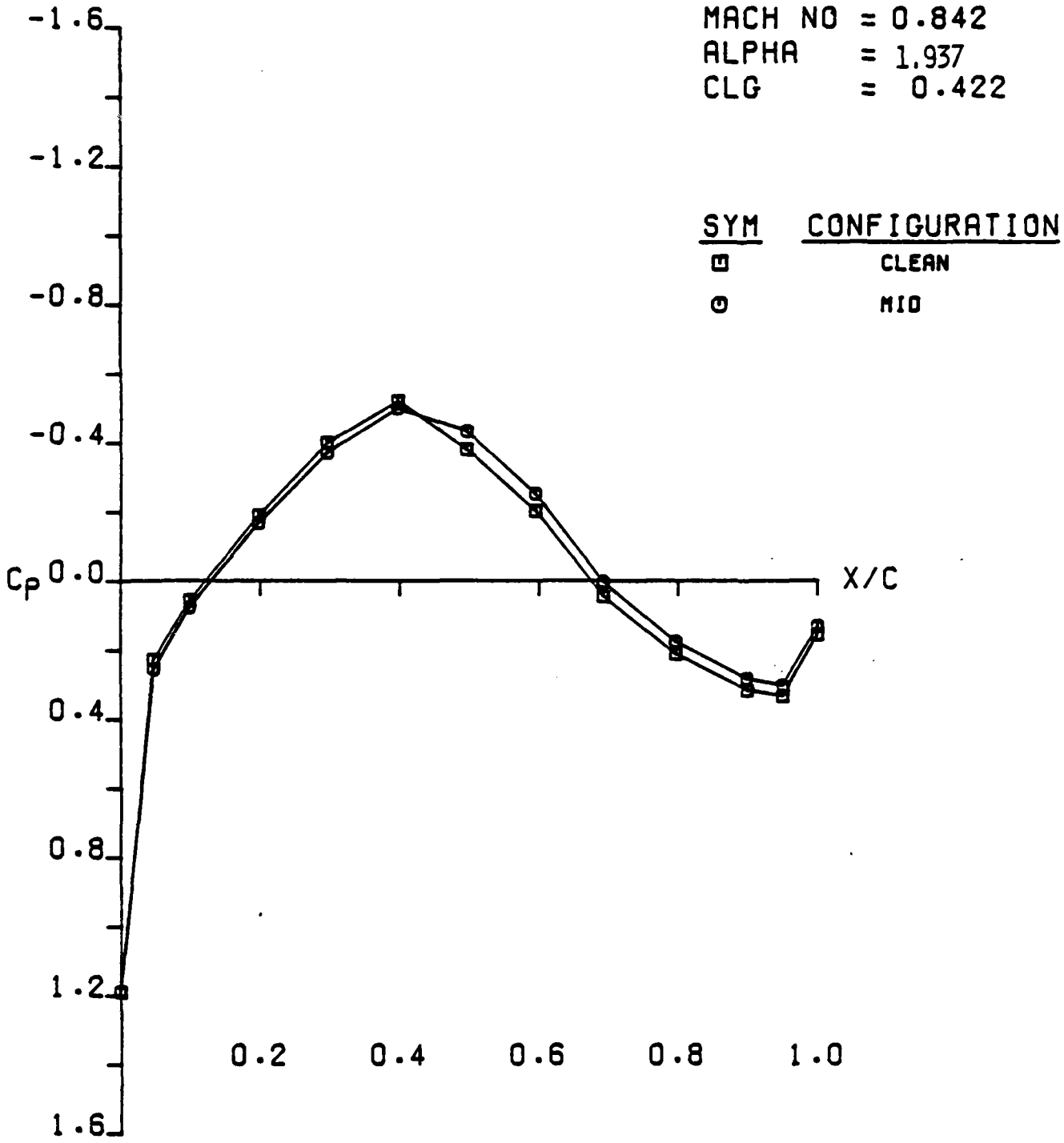
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS MID (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL A



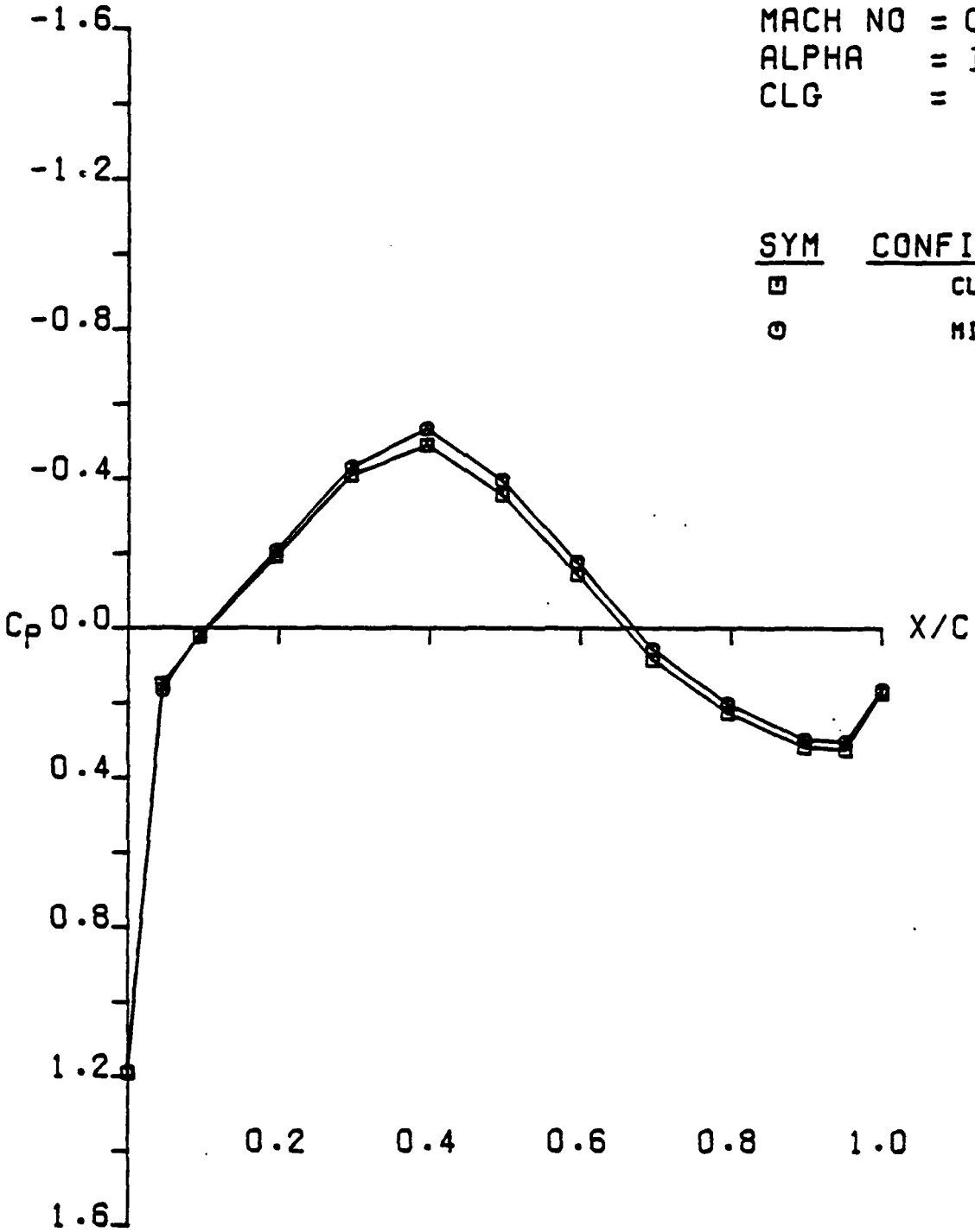
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS MID (LWR SURF)
AFOSR SEMISPAN MODEL A



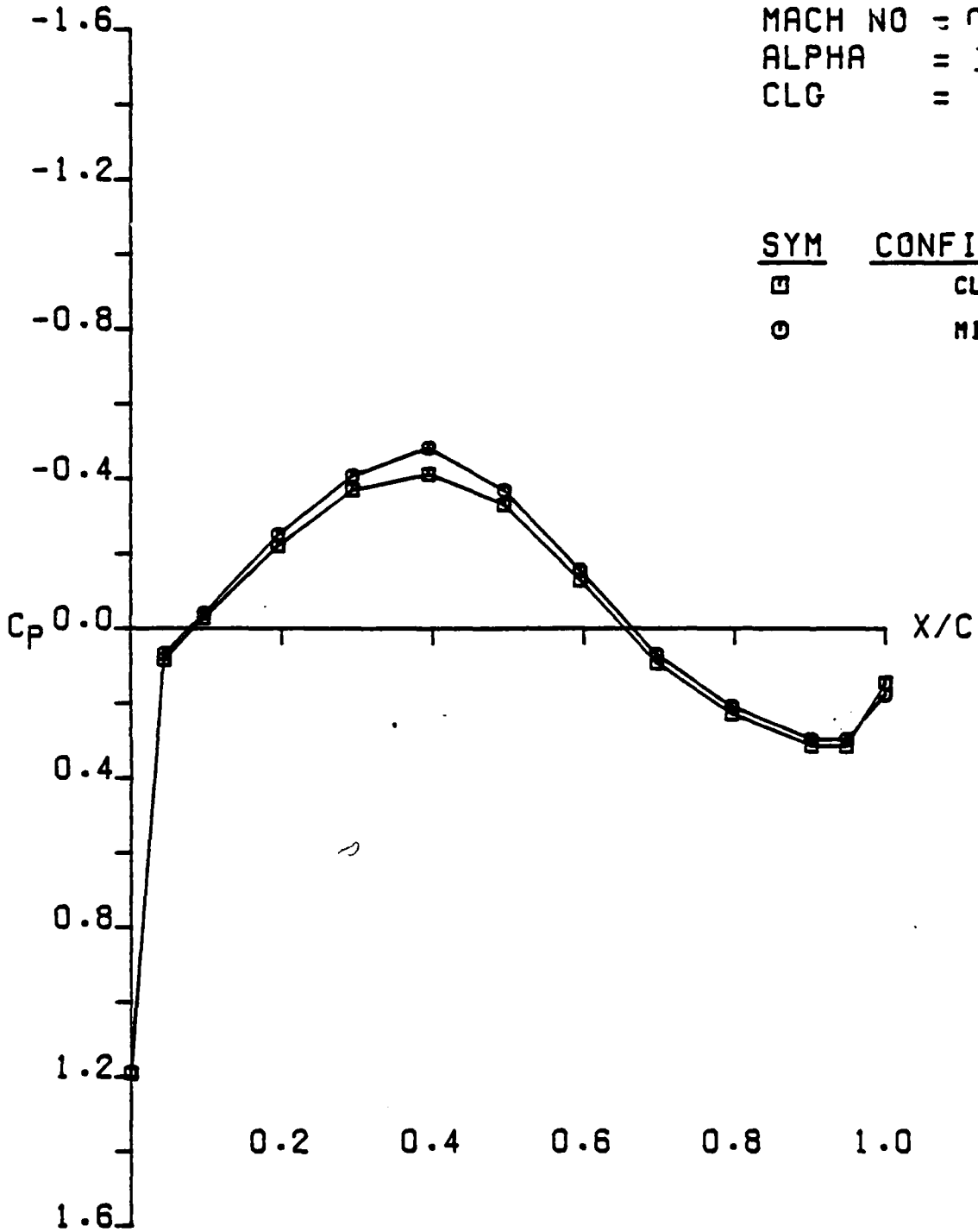
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS MID (LWR SURF ETA .15)
AFOSR SEMISPAN MODEL A



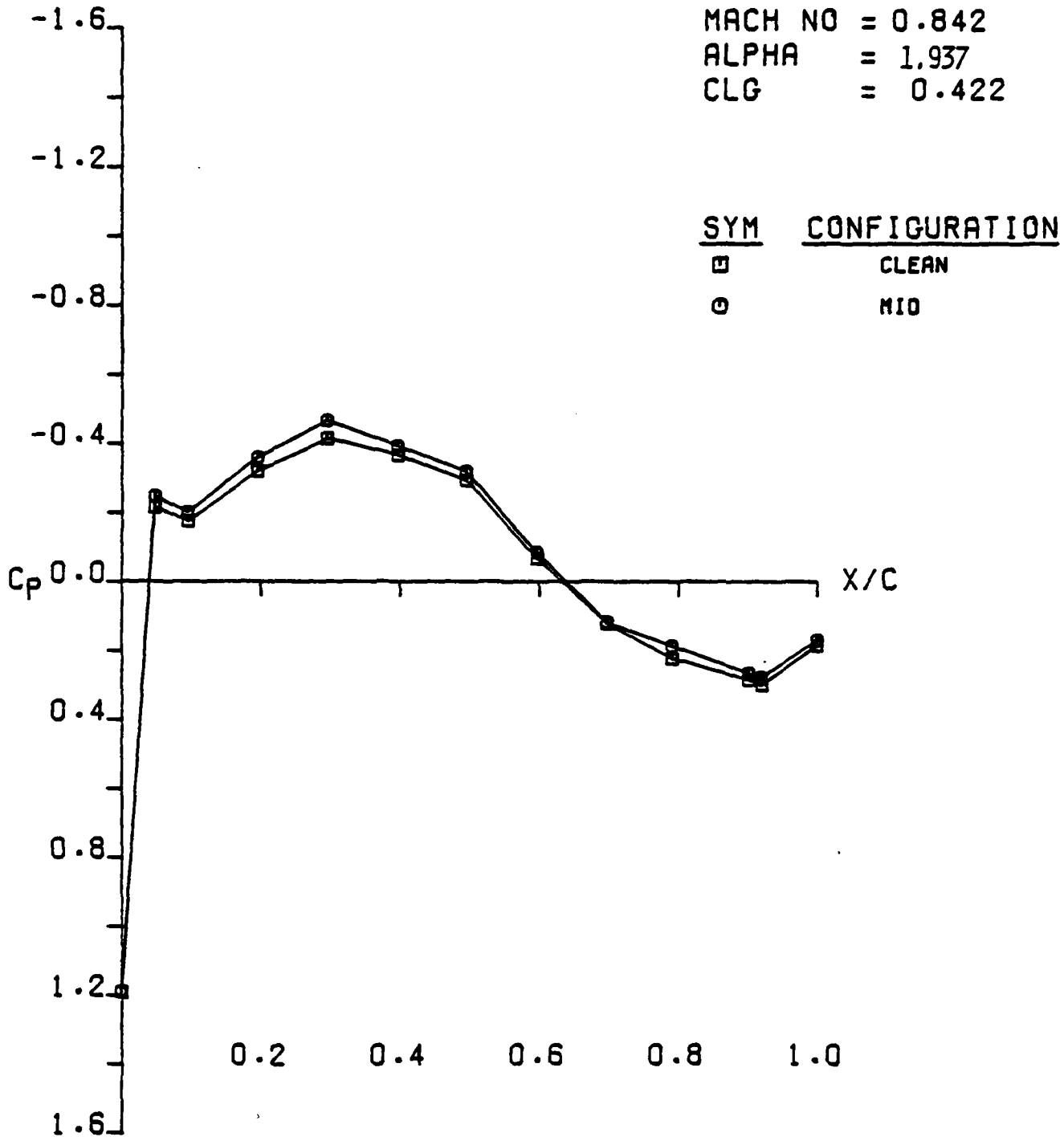
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS MID (LWR SURF ETA .30)
AFOSR SEMISPAN MODEL A



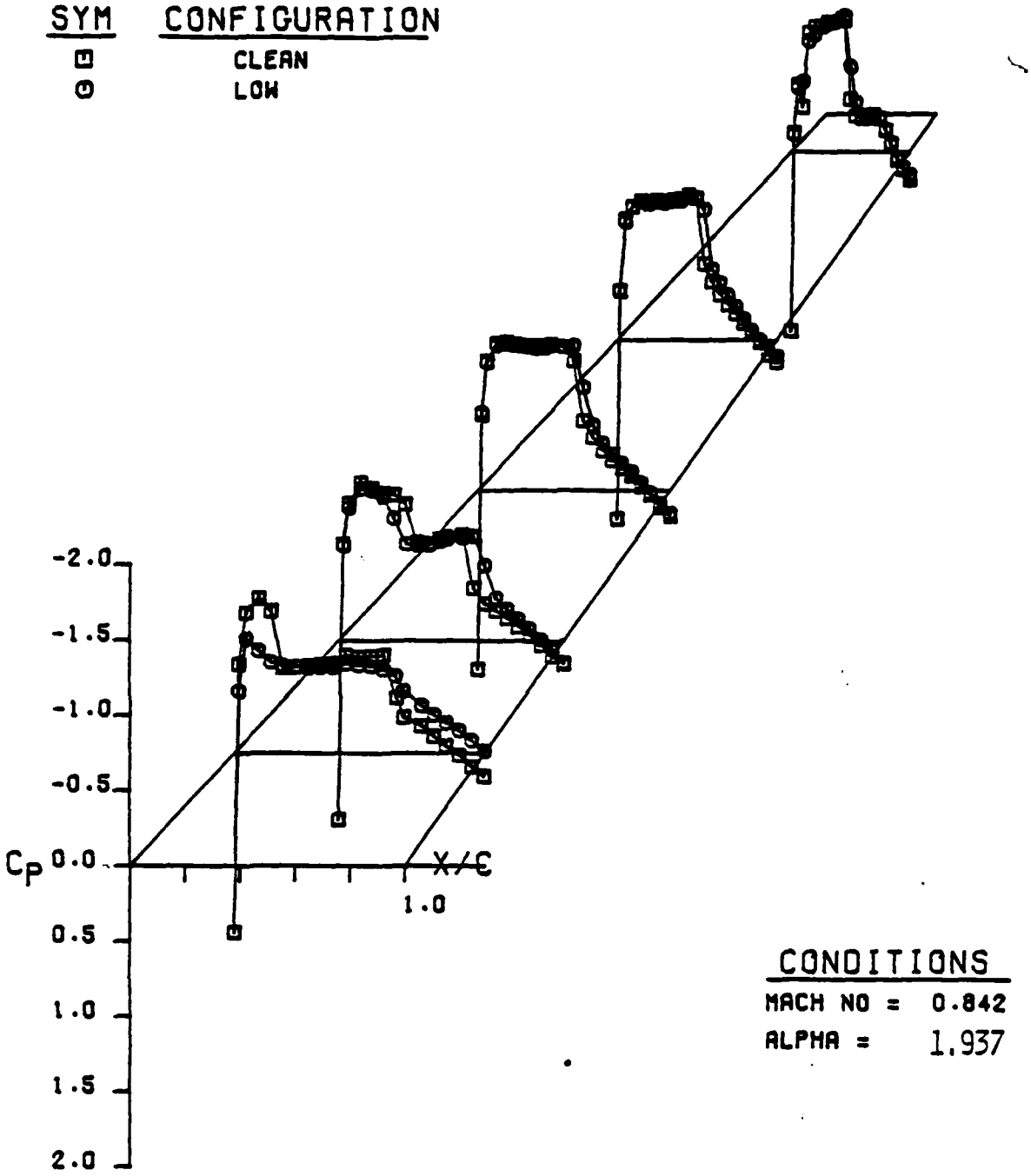
LOCKHEED CFWT SEMI-SPAN TEST. RUN 38
CLN VS MID (LWR SURF ETA .50)
AFOSR SEMISPAN MODEL A



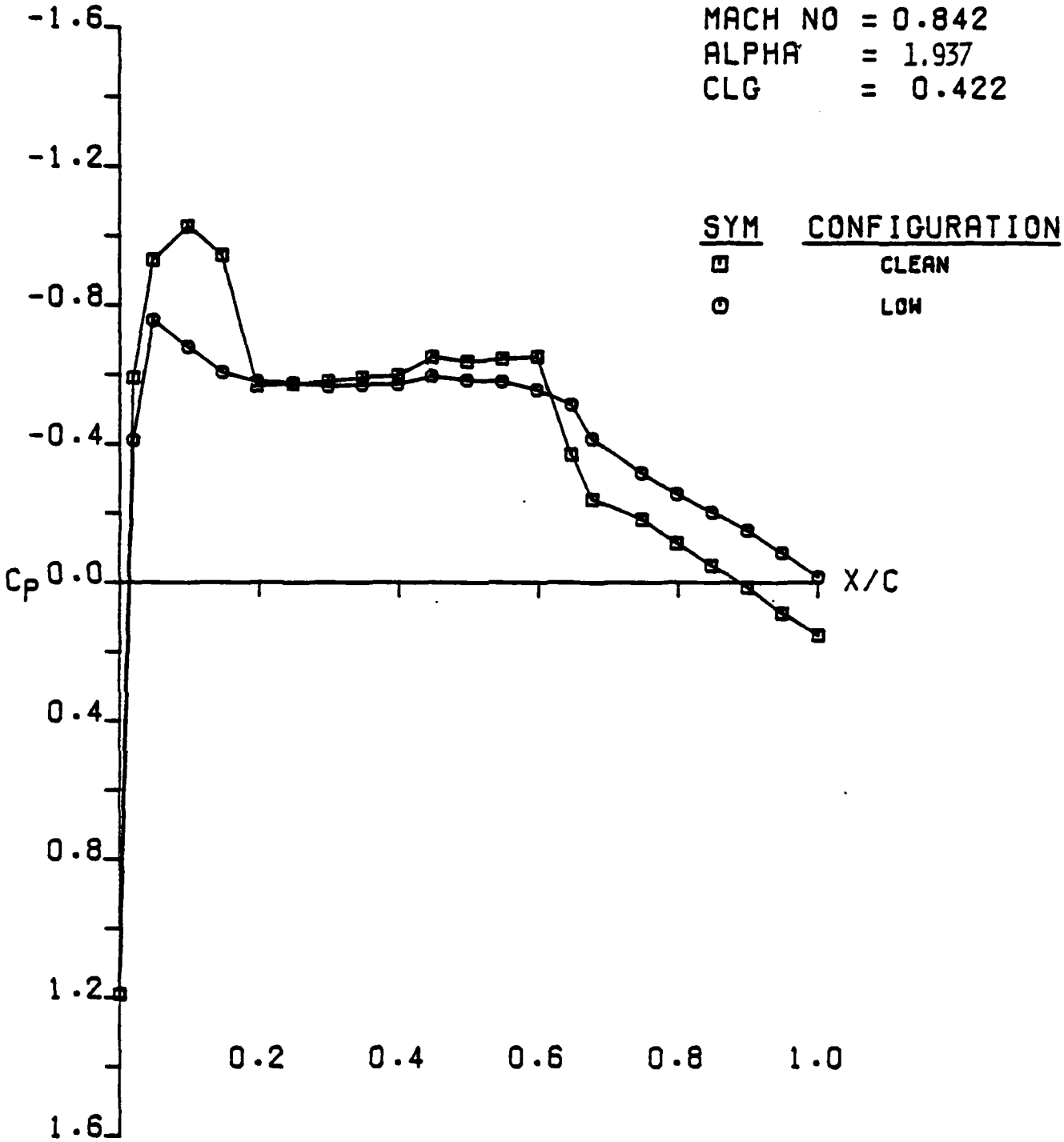
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS MID (LWR SURF ETA .70)
AFOSR SEMISPAN MODEL A



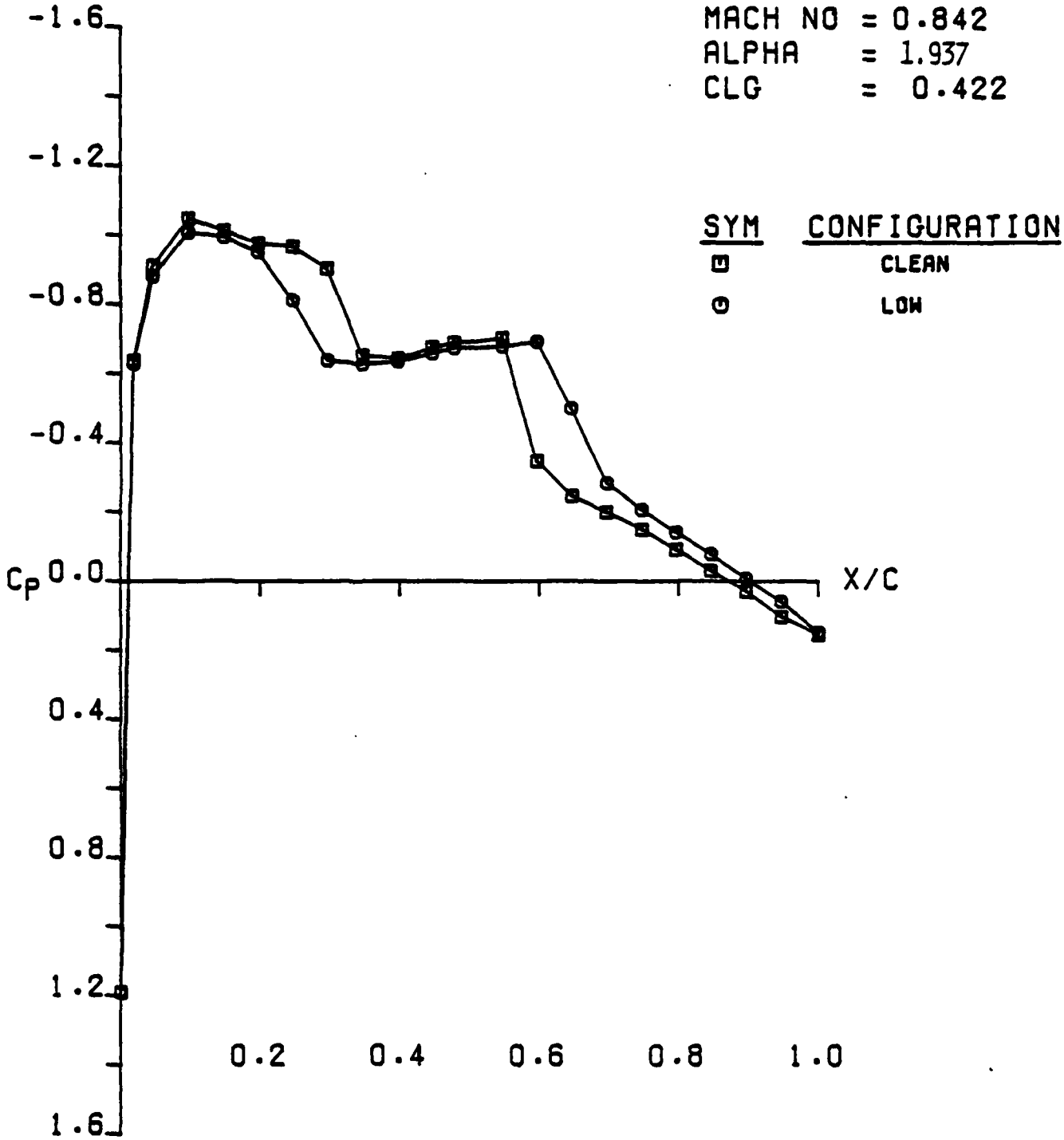
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS MID (LWR SURF ETA .95)
AFOSR SEMISPAN MODEL A



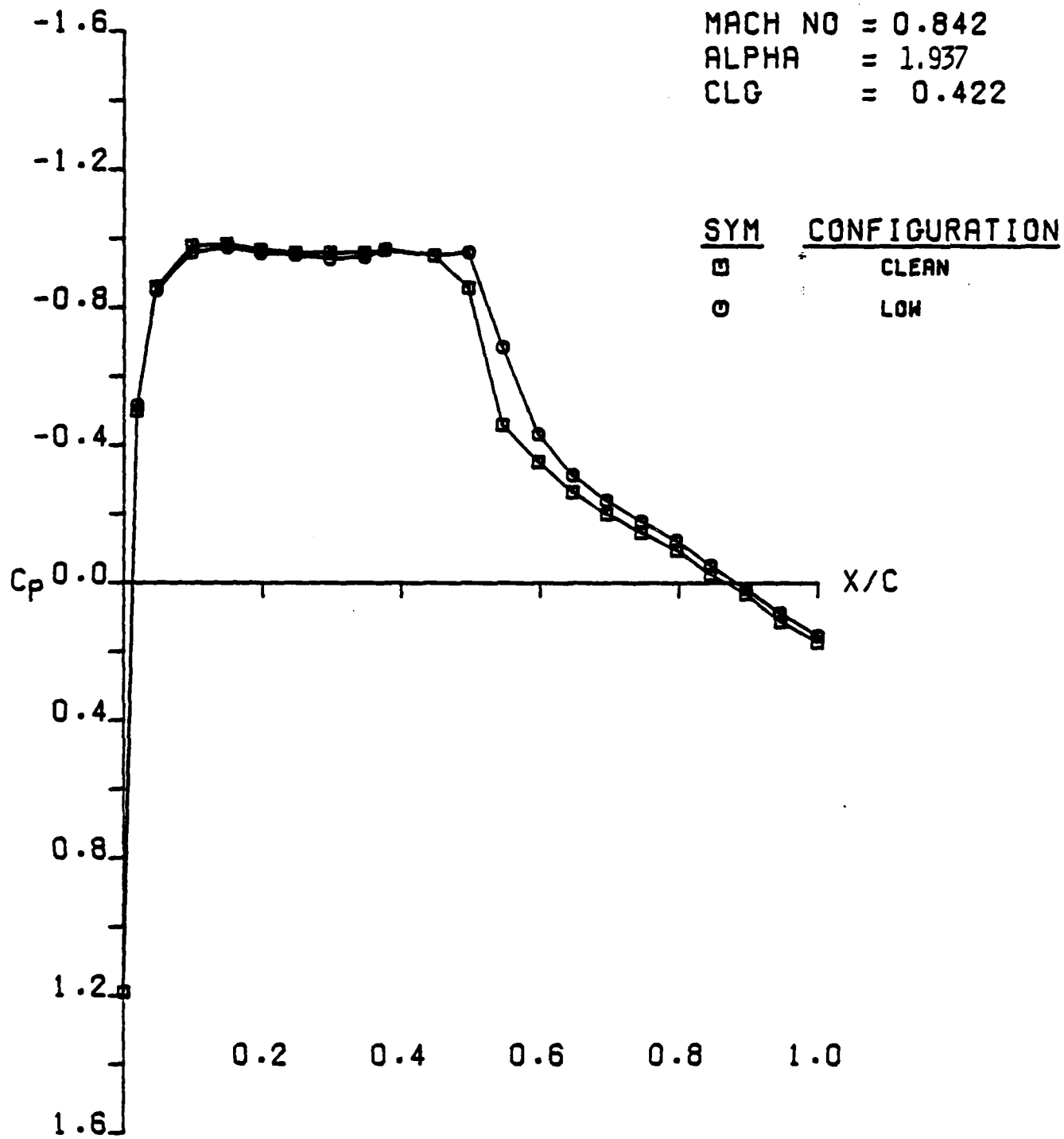
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS LOW (UPR SURF)
AFOSR SEMISPAN MODEL A



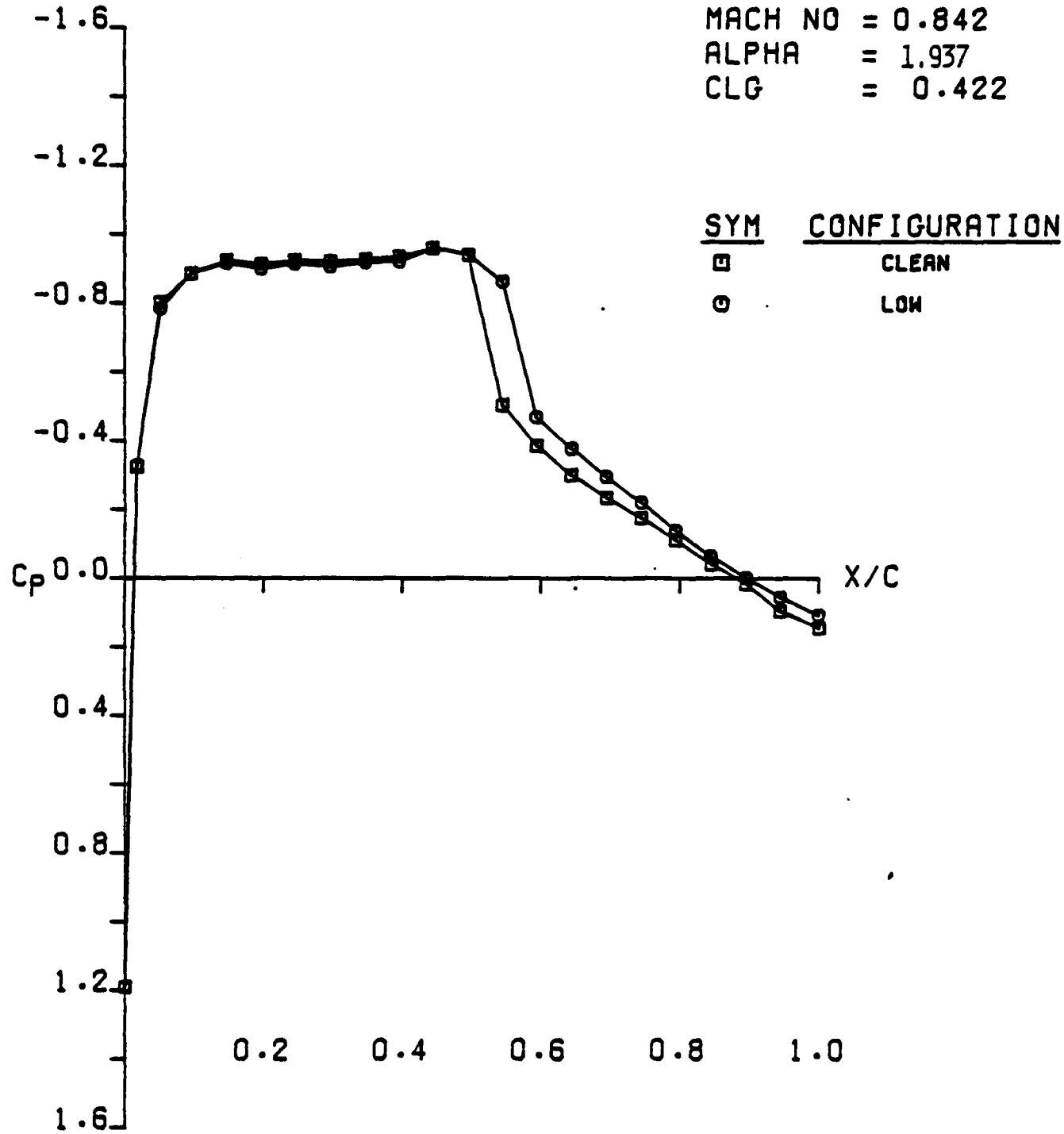
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS LOW (UPR SURF ETA .15)
AFOSR SEMISPAN MODEL A



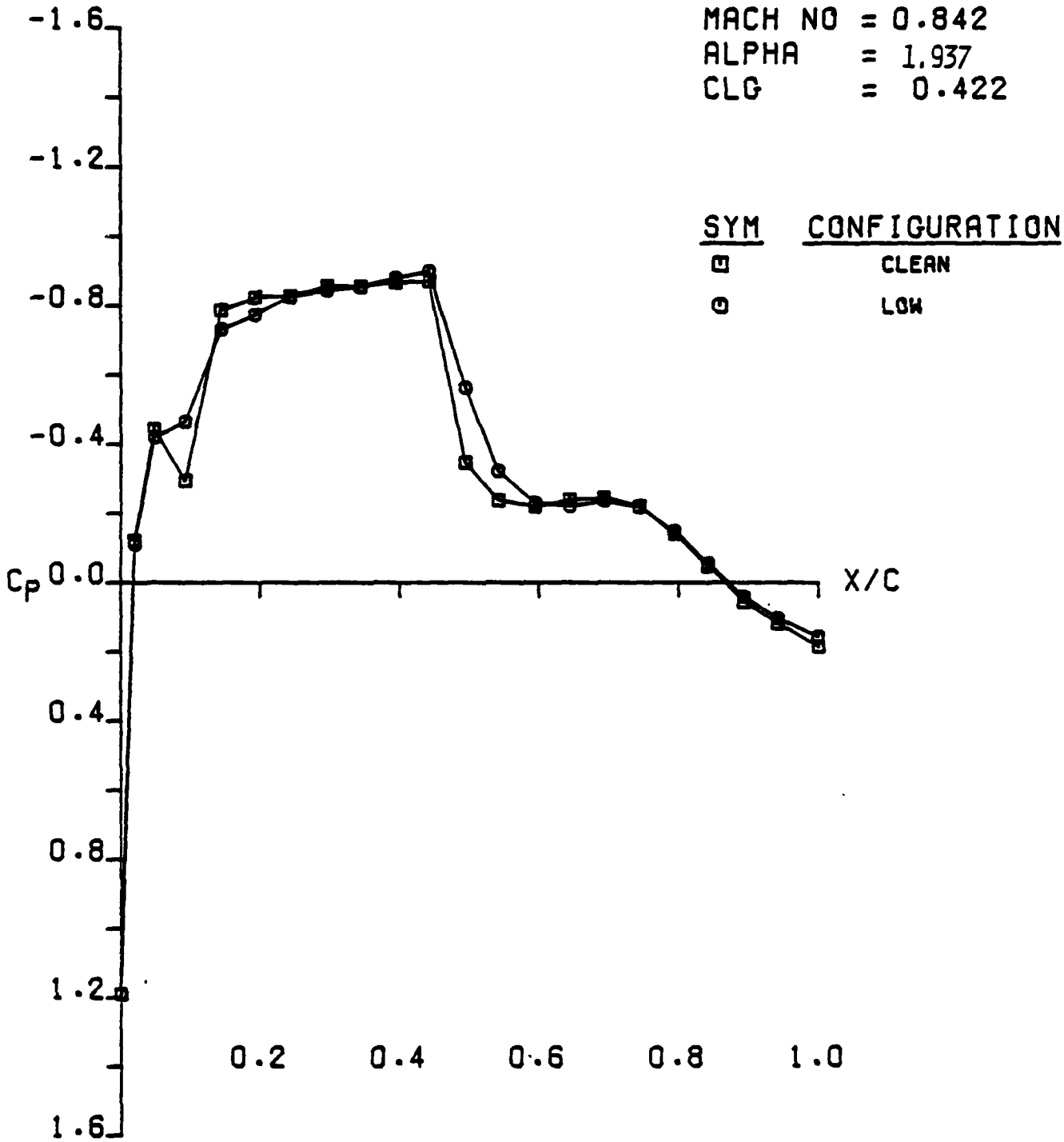
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS LOW (UPR SURF ETA .30)
AFOSR SEMISPAN MODEL A



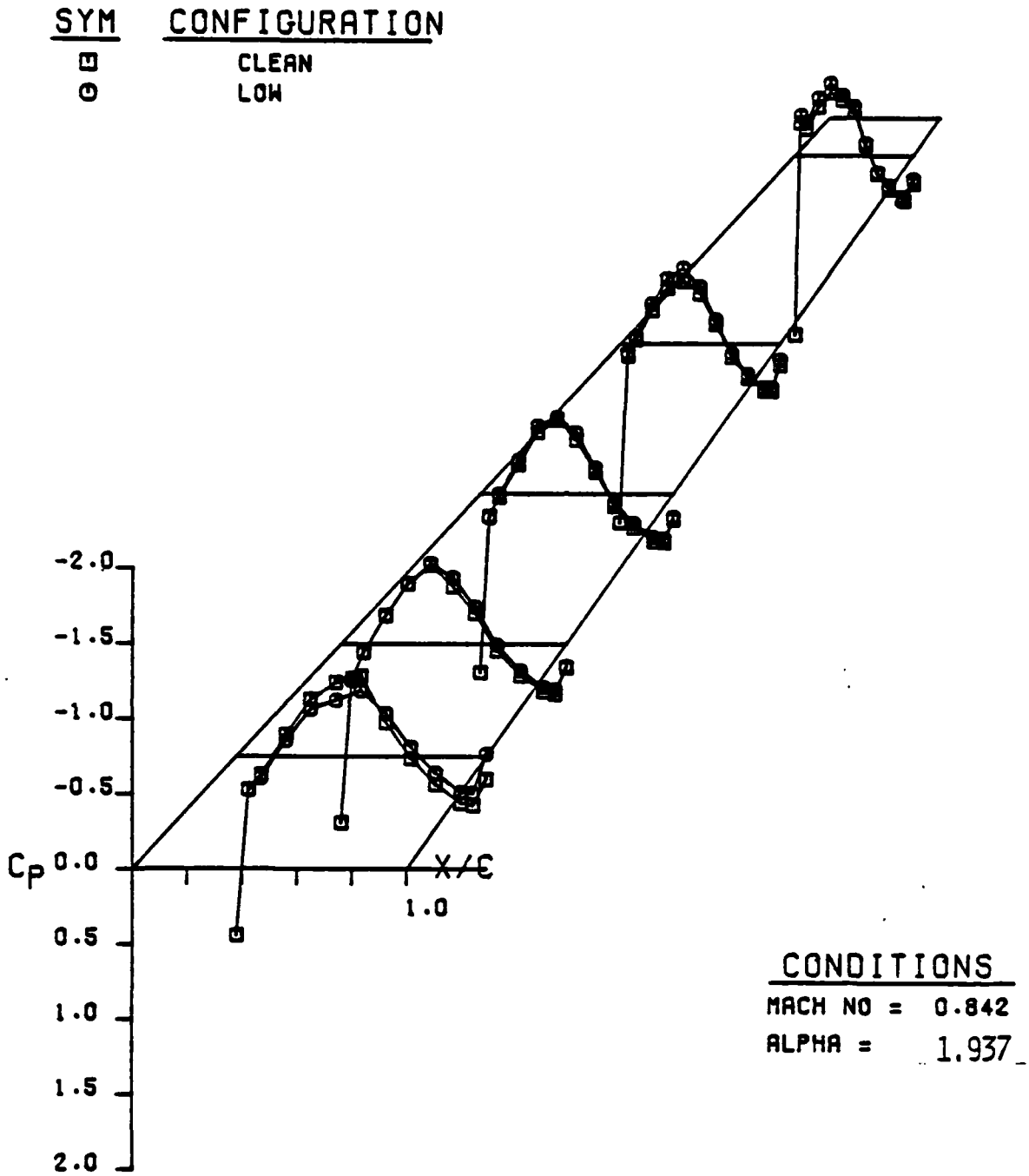
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS LOW (UPR SURF ETA .50)
AFOSR SEMISPAN MODEL A



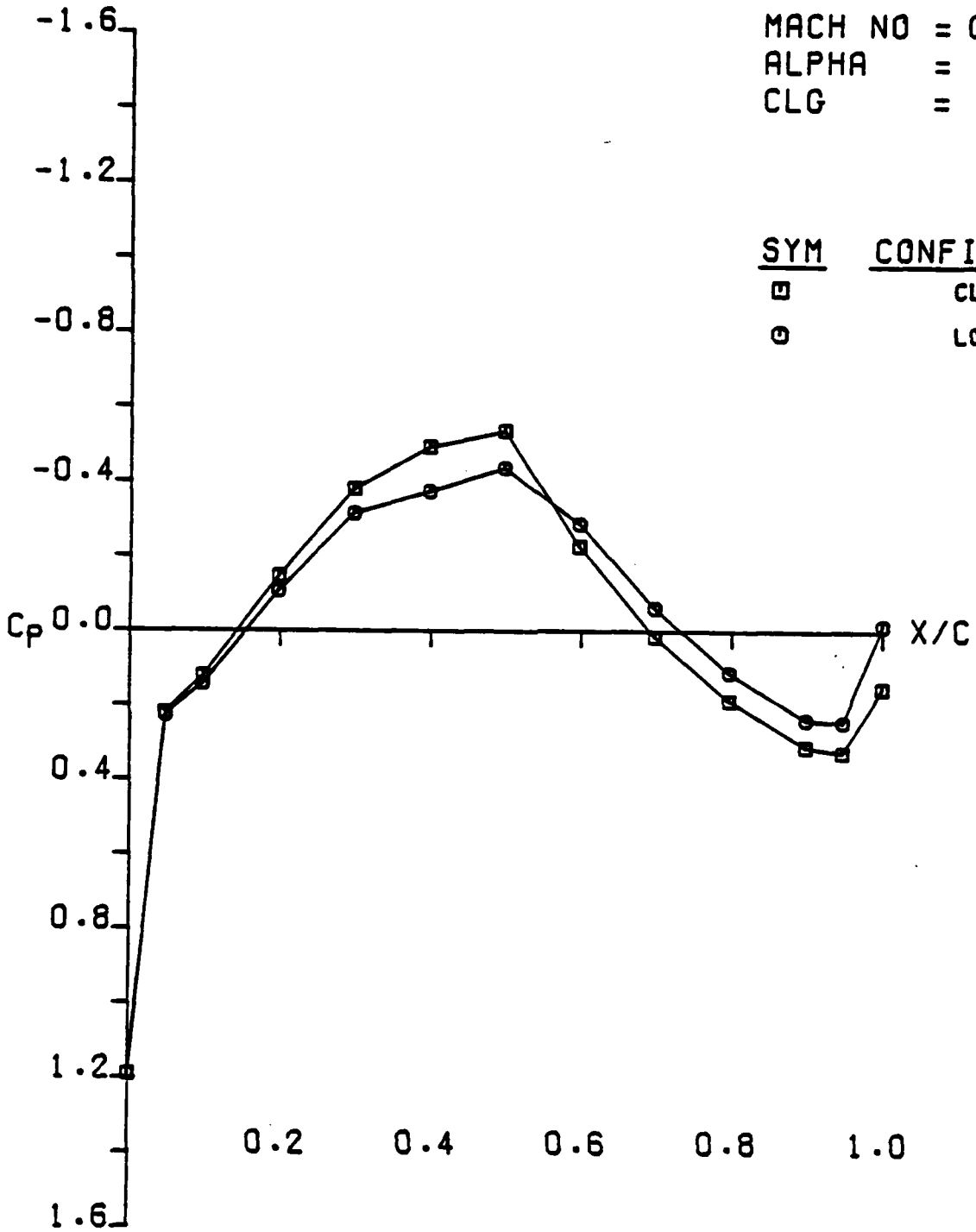
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS LOW (UPR SURF ETA .70)
AFOSR SEMISPAN MODEL A



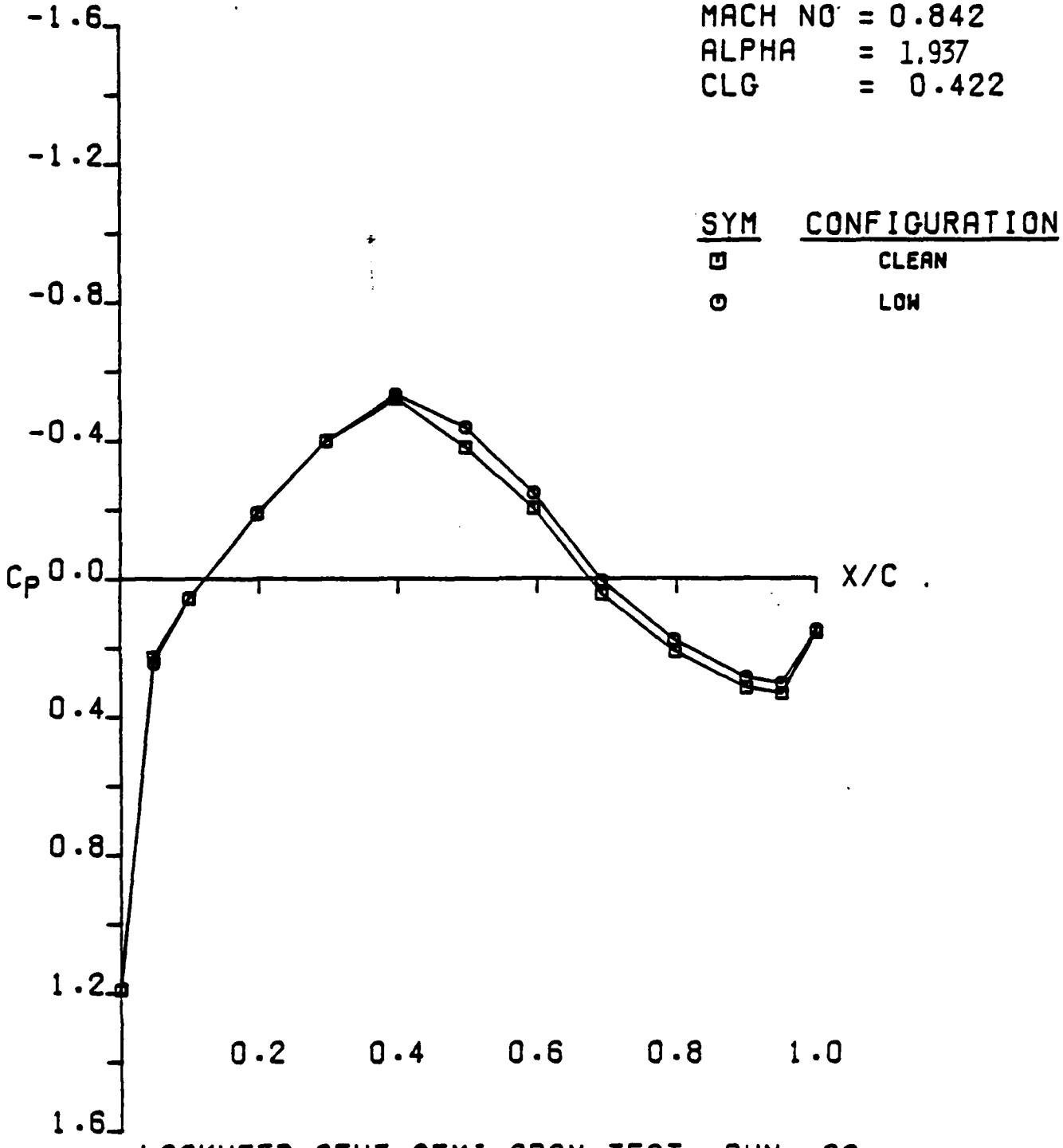
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS LOW (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL A



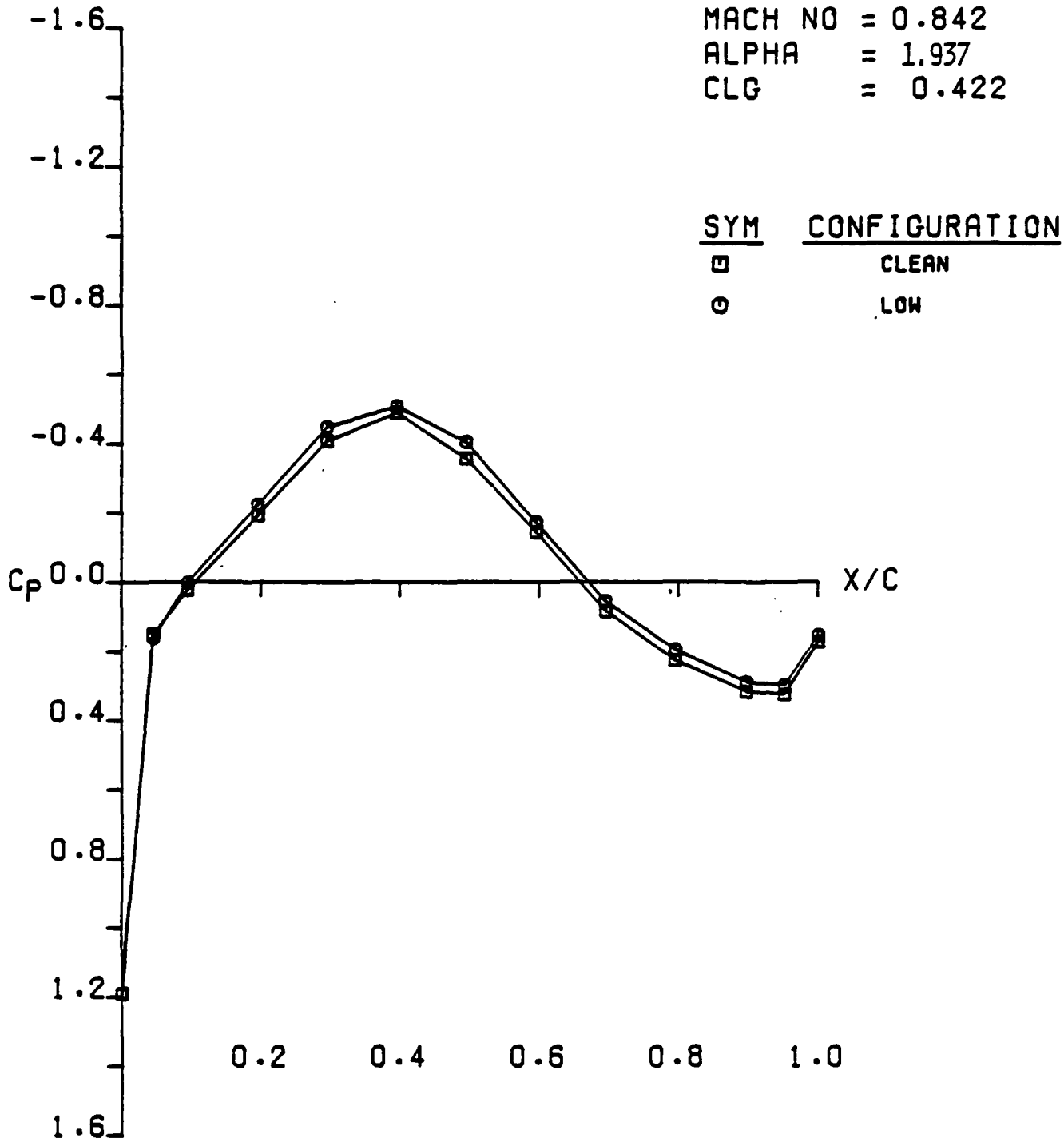
LOCKHEED CFWT SEMI-SPAN TEST. RUN 38
CLN VS LOW (LWR SURF)
AFOSR SEMISPAN MODEL A



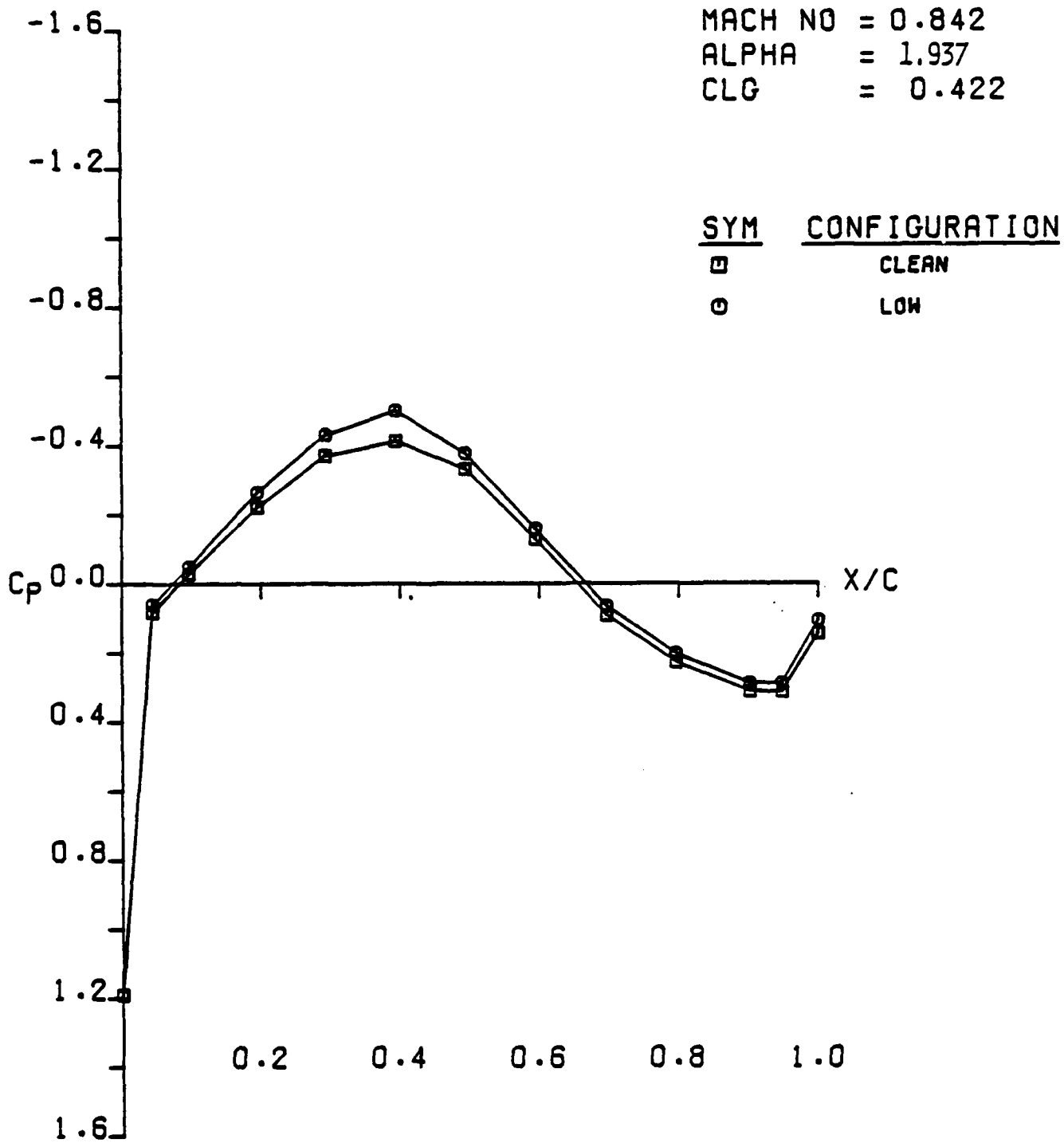
LOCKHEED-CFWT SEMI-SPAN TEST, RUN 38
CLN VS LOW (LWR SURF ETA .15)
AFOSR SEMISPAN MODEL A



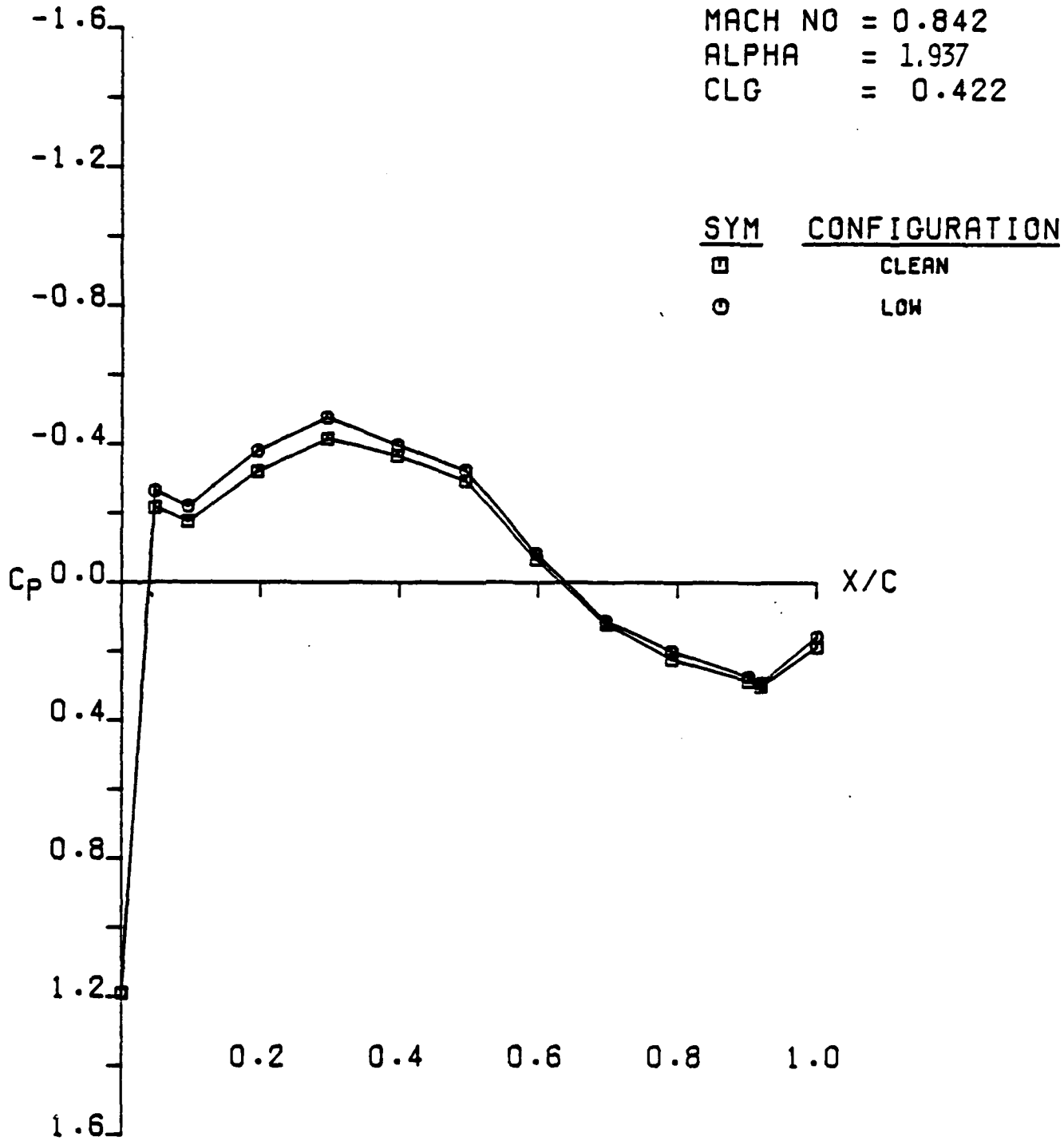
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS LOW (LWR SURF ETA .30)
AFOSR SEMISPAN MODEL A



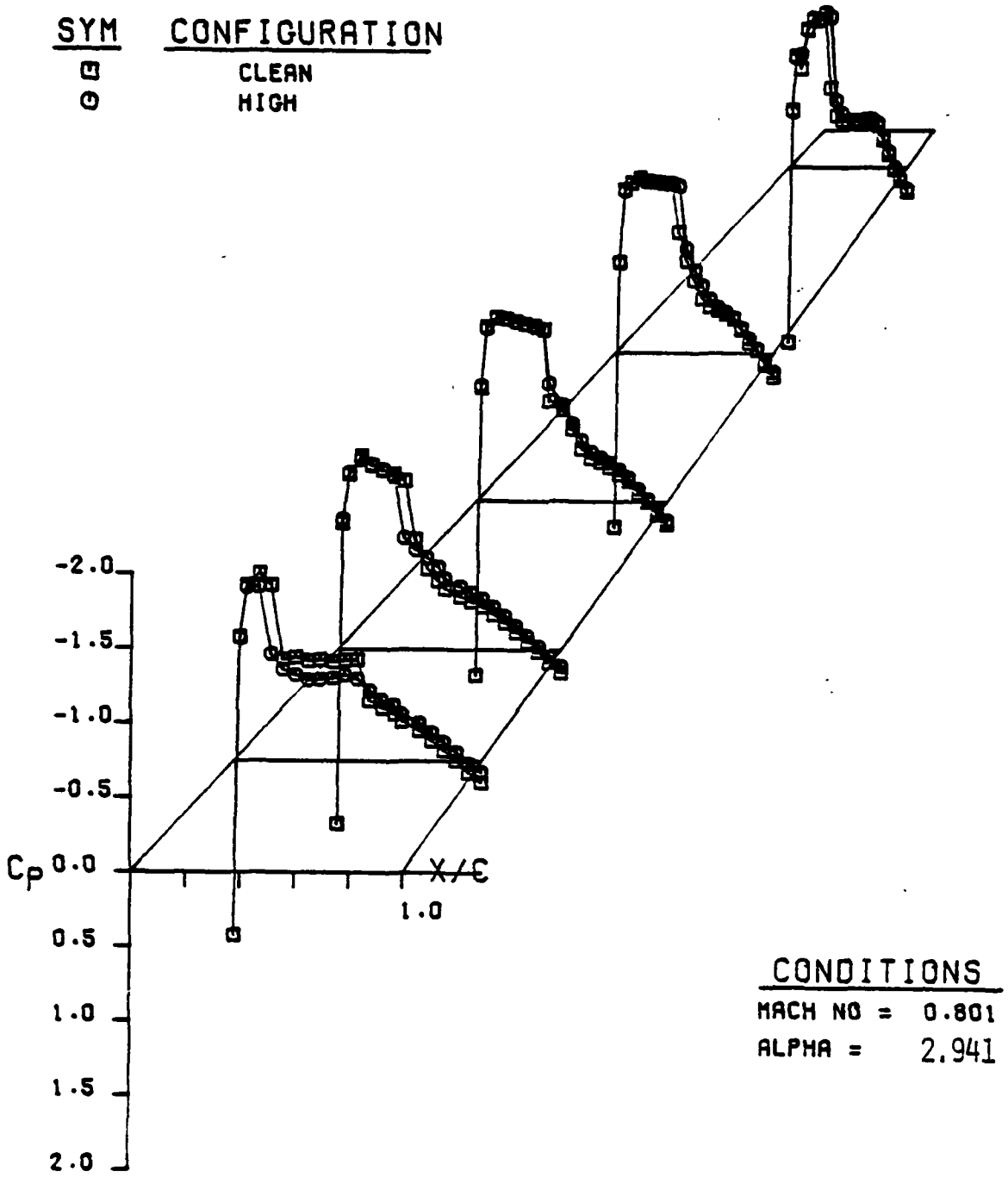
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS LOW (LWR SURF ETA .50)
AFOSR SEMISPAN MODEL A



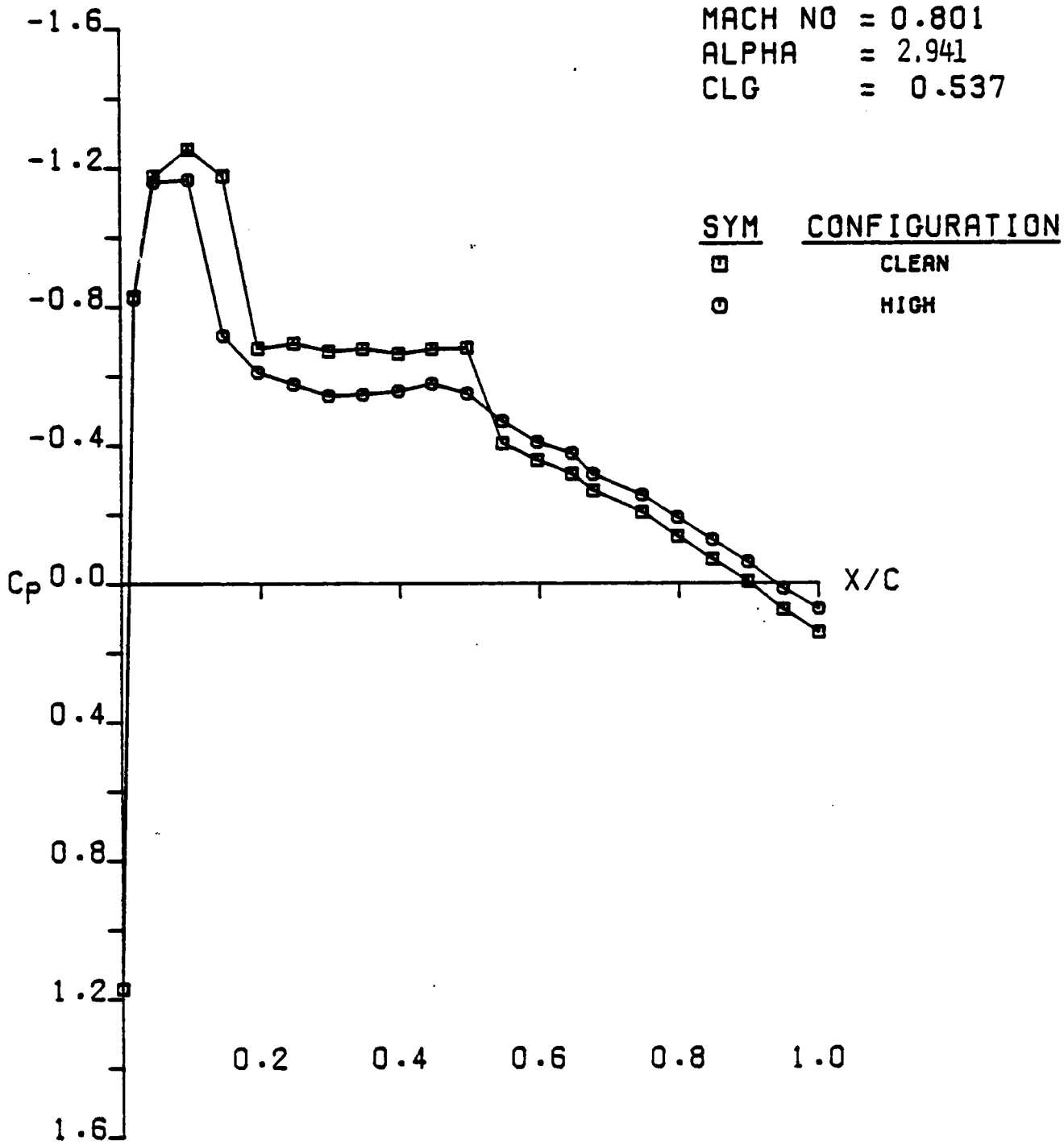
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS LOW (LWR SURF ETA .70)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
CLN VS LOW (LWR SURF ETA .95)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS HIGH (UPR SURF)
AFOSR SEMISPAN MODEL A



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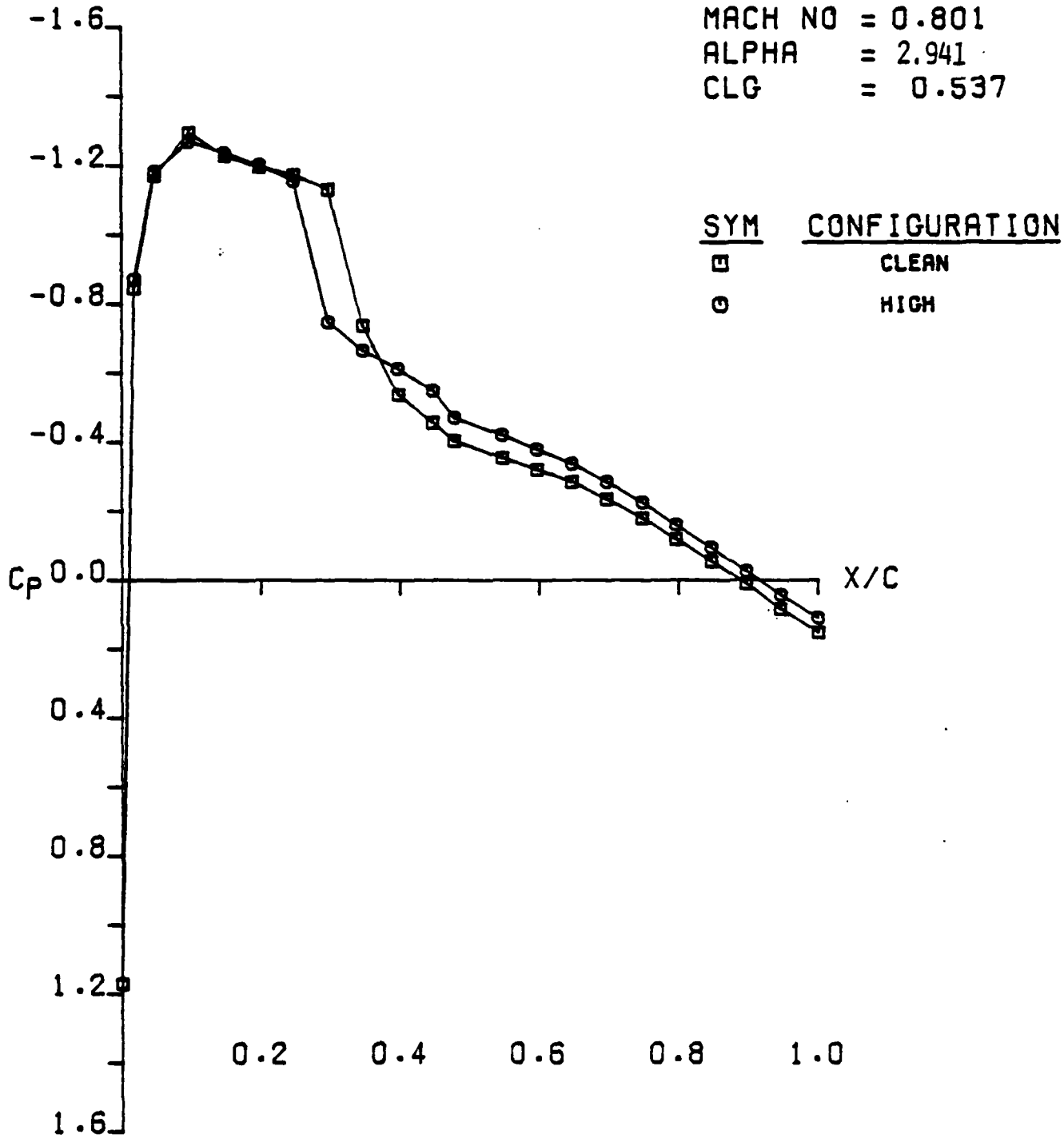
CLN VS HIGH (UPR SURF ETA .15)
AFOSR SEMISPAN MODEL A



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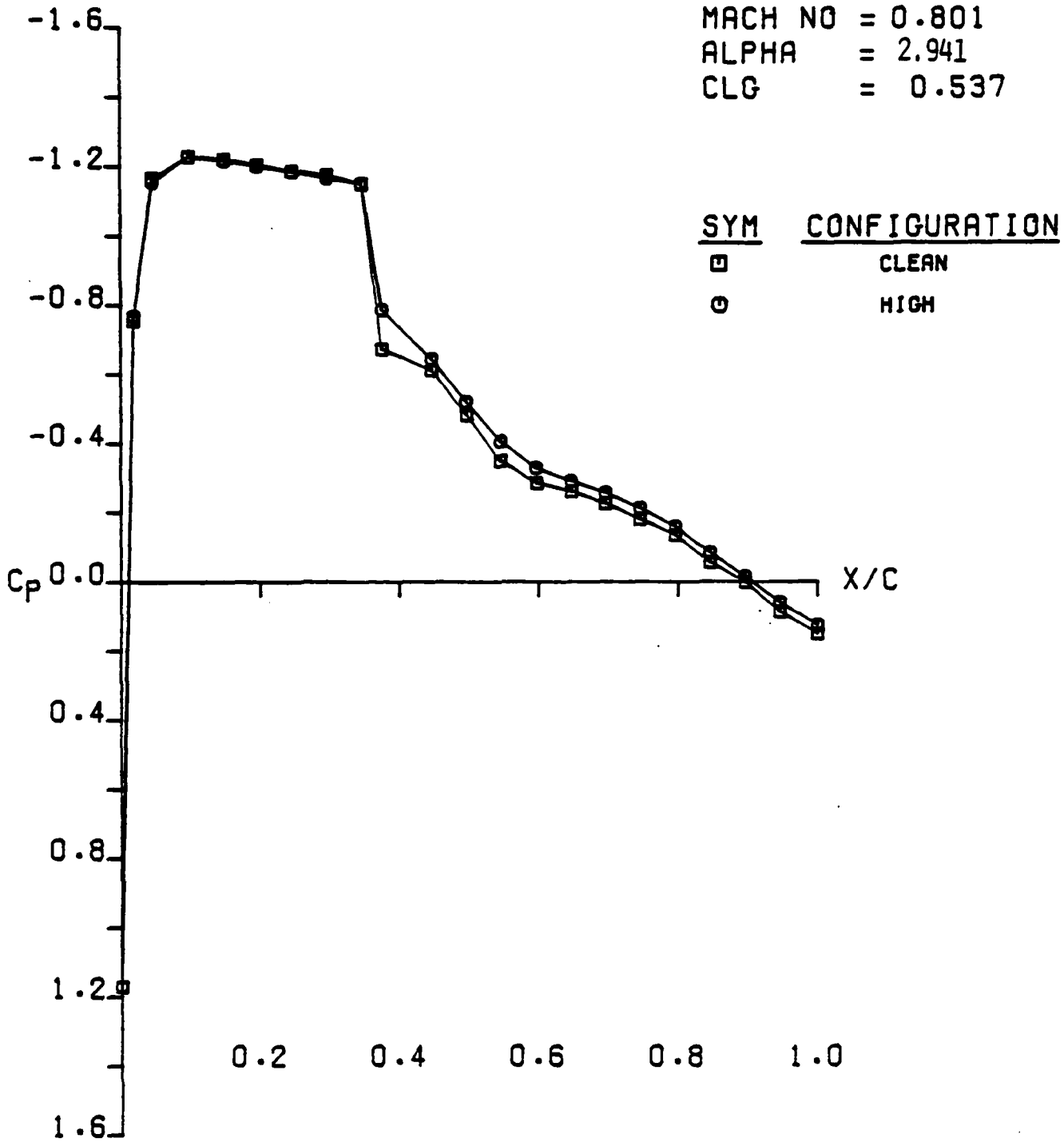
CLN VS HIGH (UPR SURF ETA .30)
AFOSR SEMISPAN MODEL A



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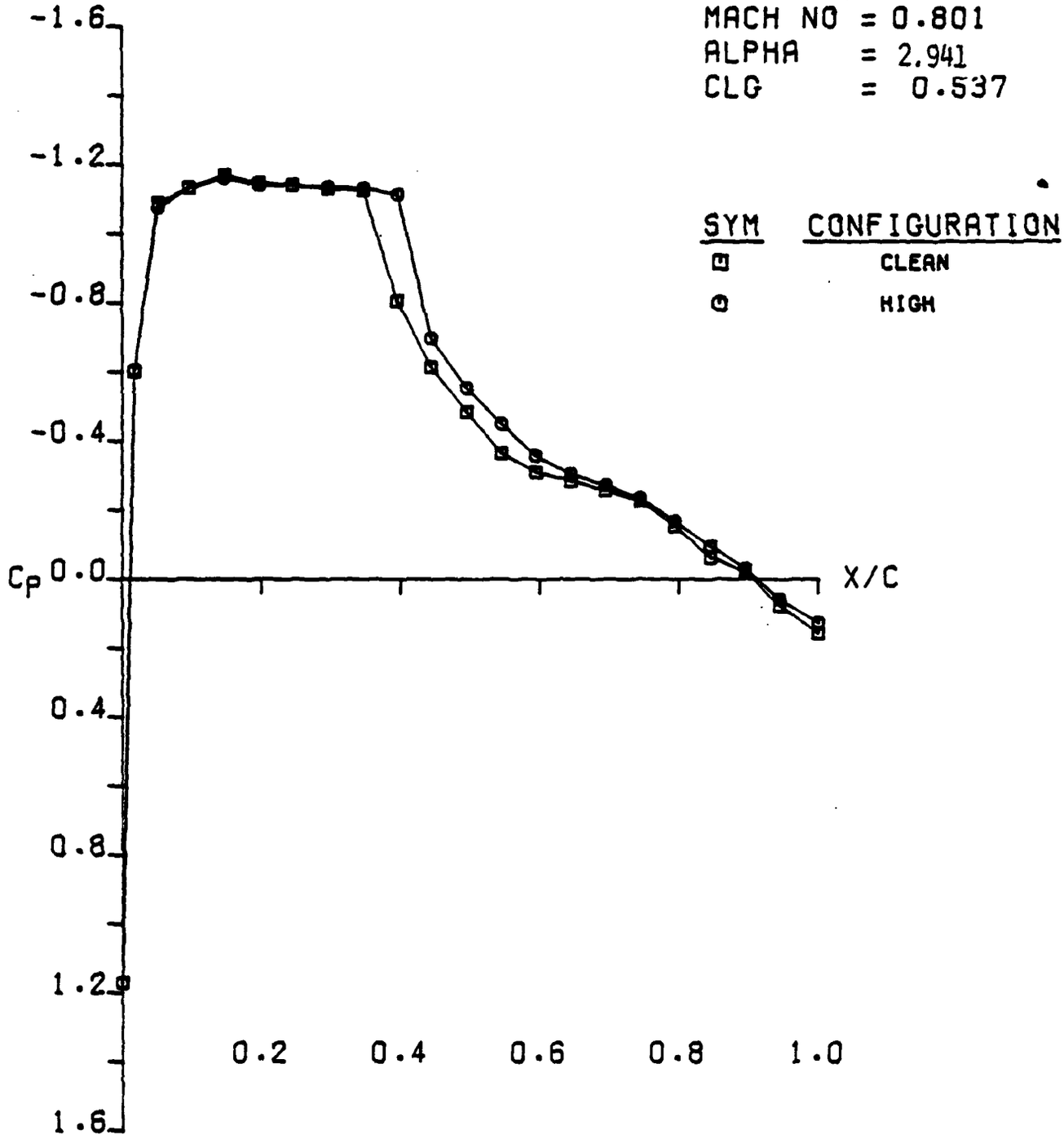
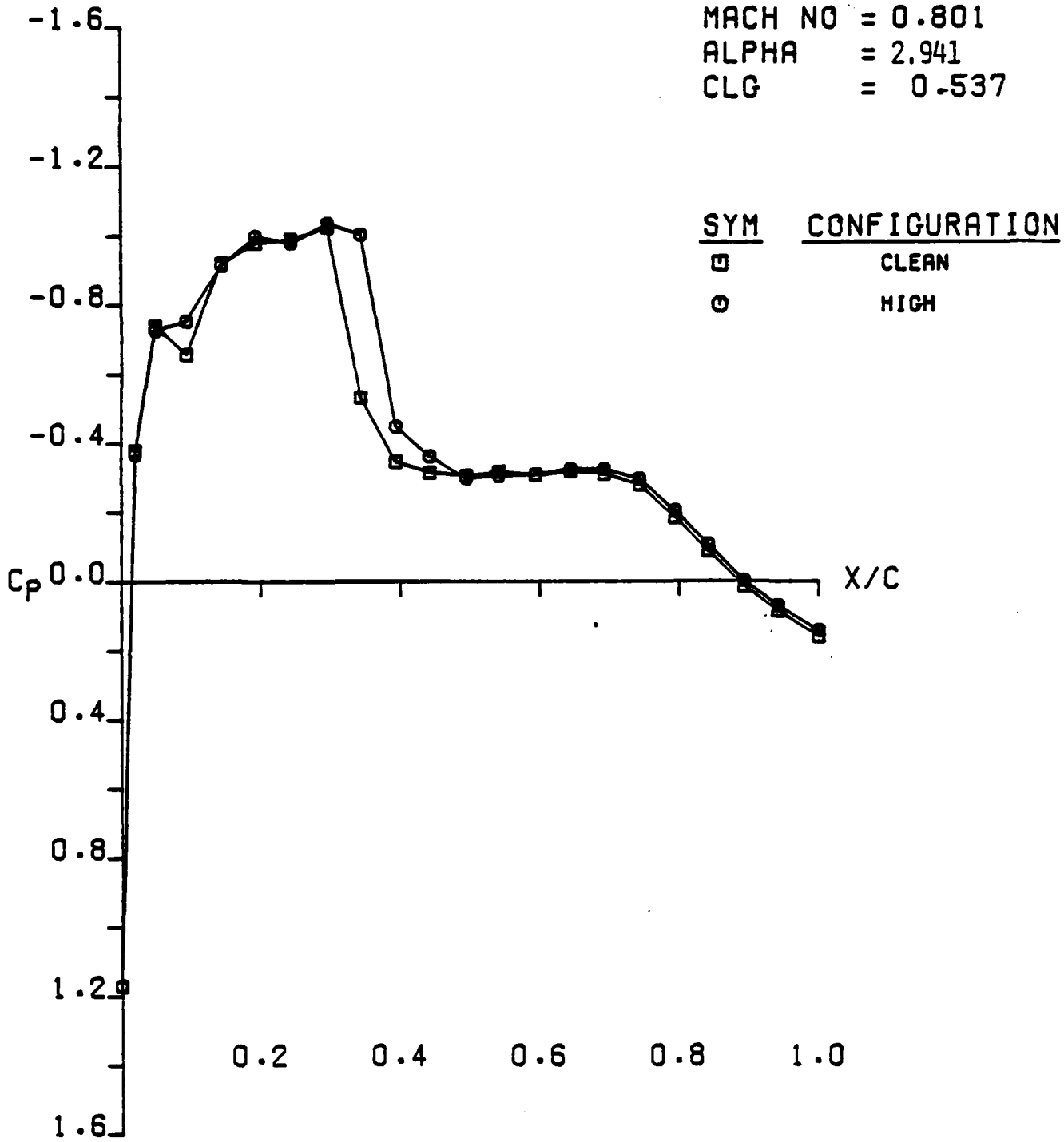
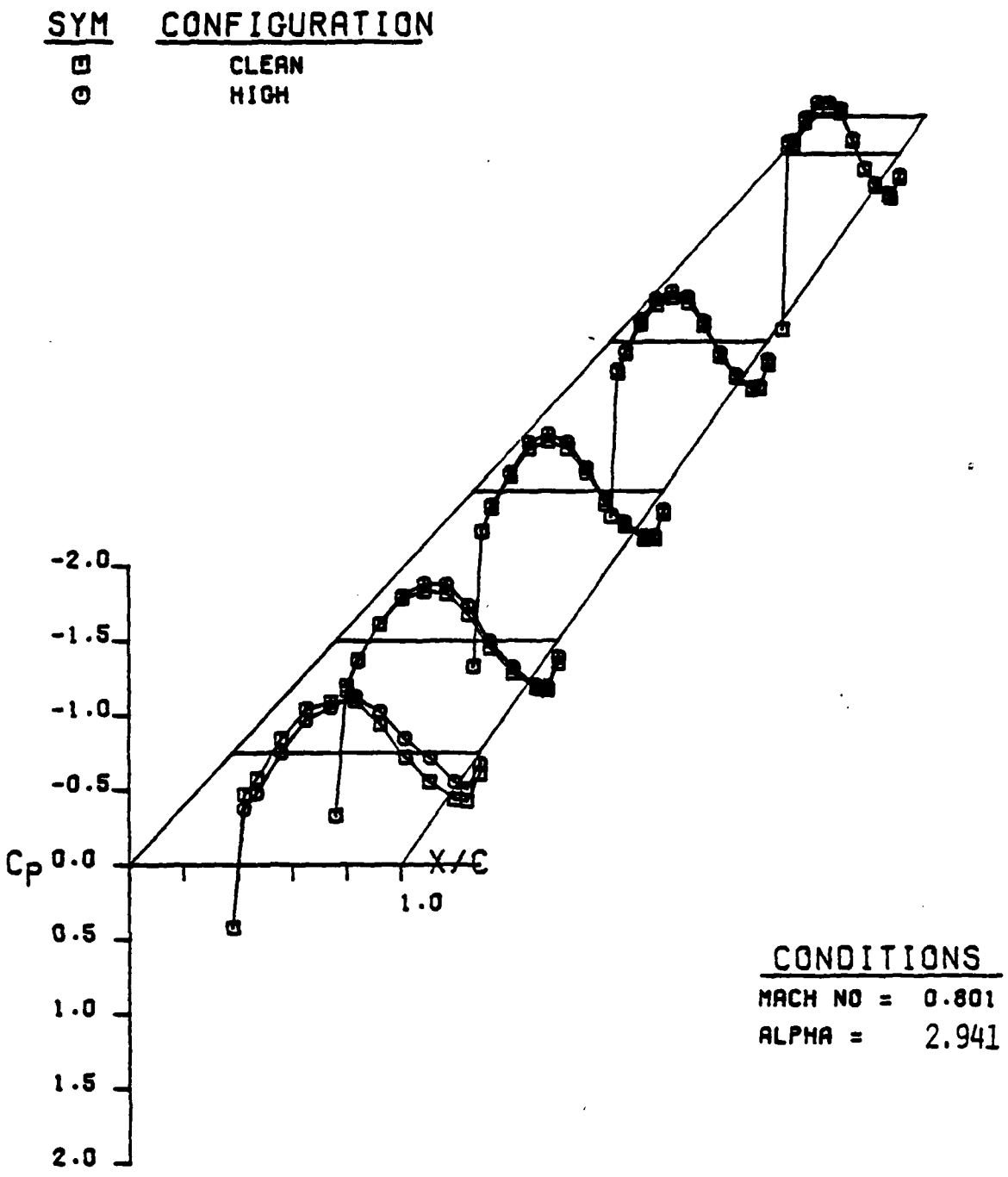
CLN VS HIGH (UPR SURF ETA .50)
AFOSR SEMISPAN MODEL A



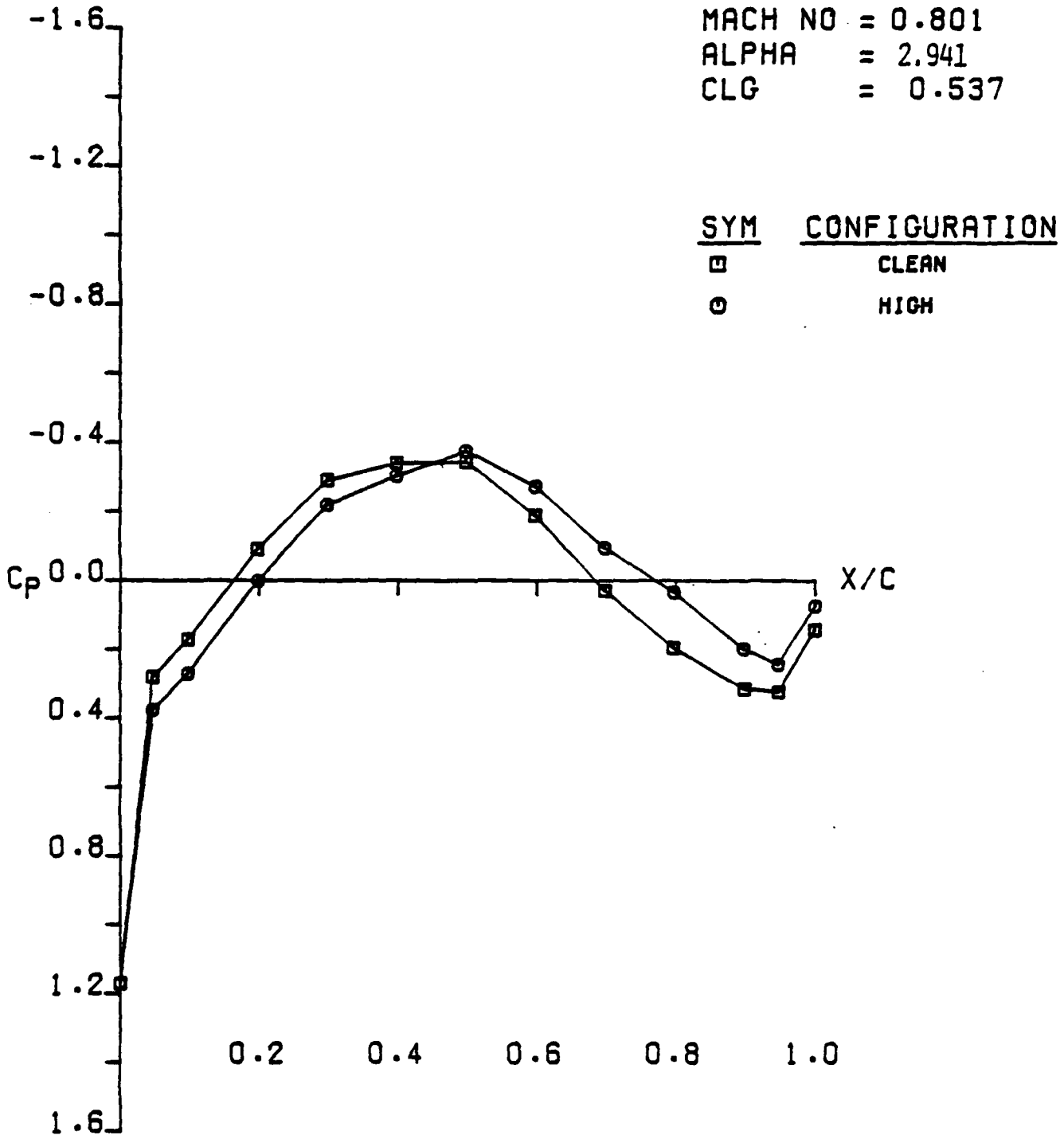
LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS HIGH (UPR SURF ETA .70)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS HIGH (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS HIGH (LWR SURF)
AFOSR SEMISPAN MODEL A



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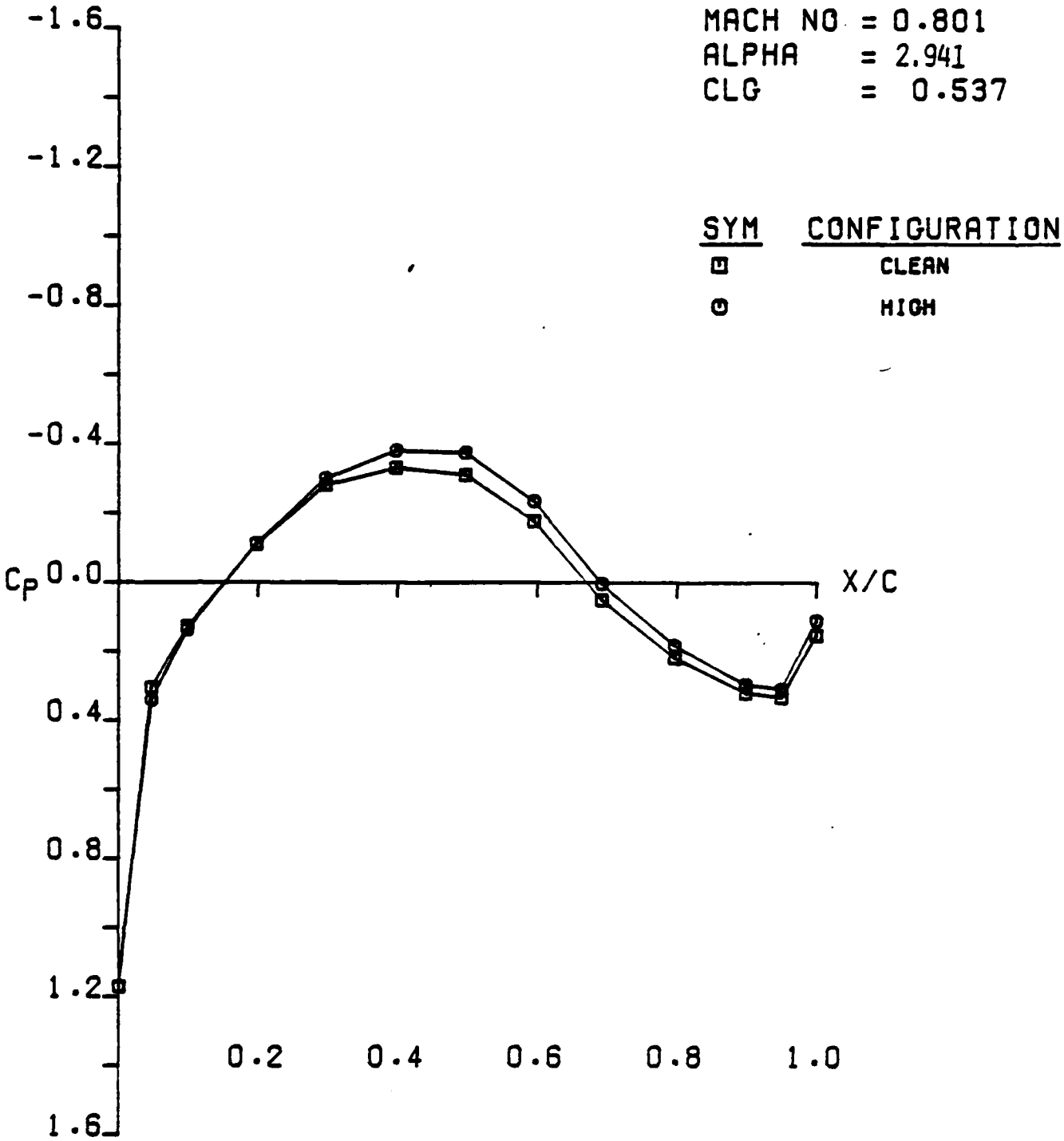
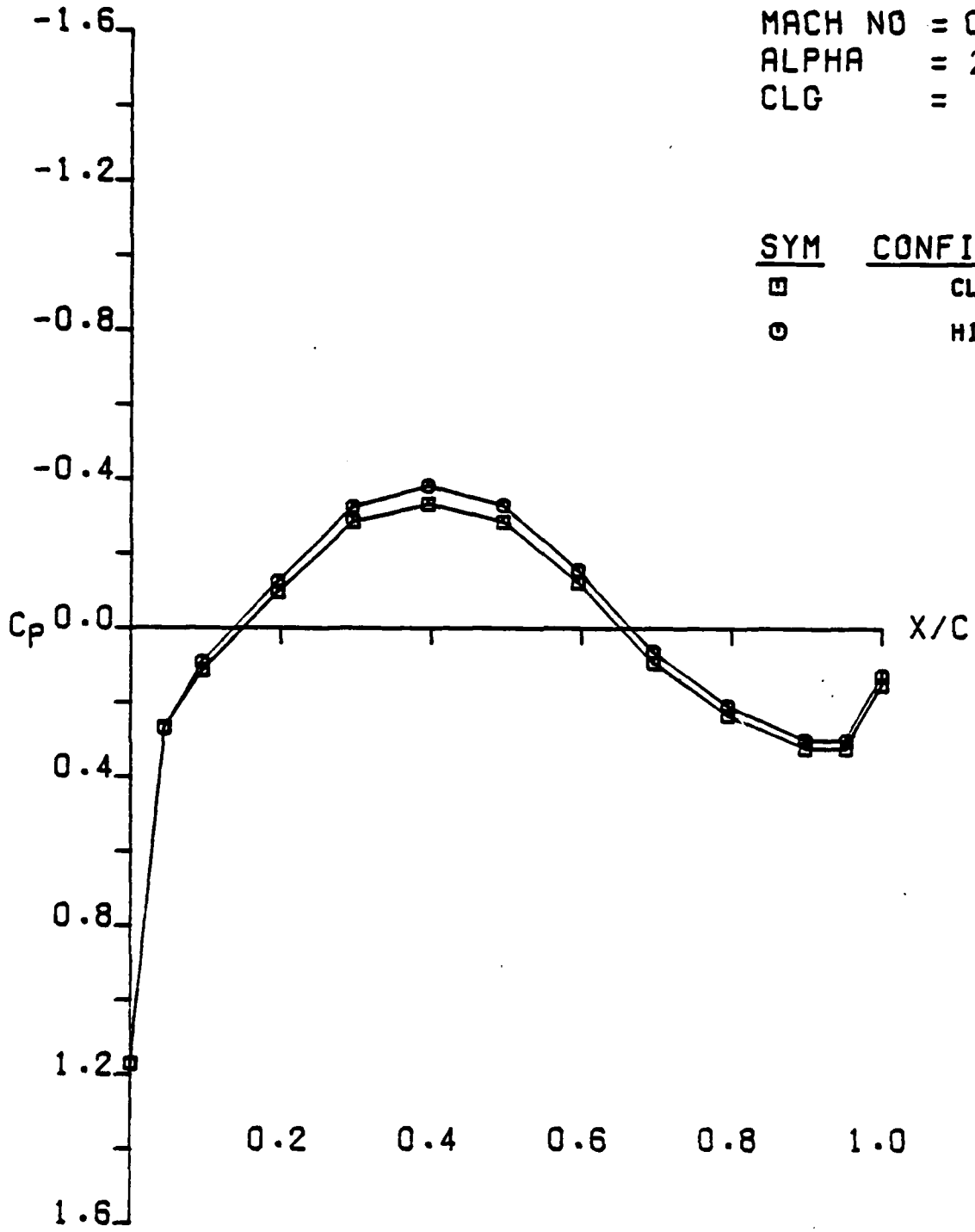
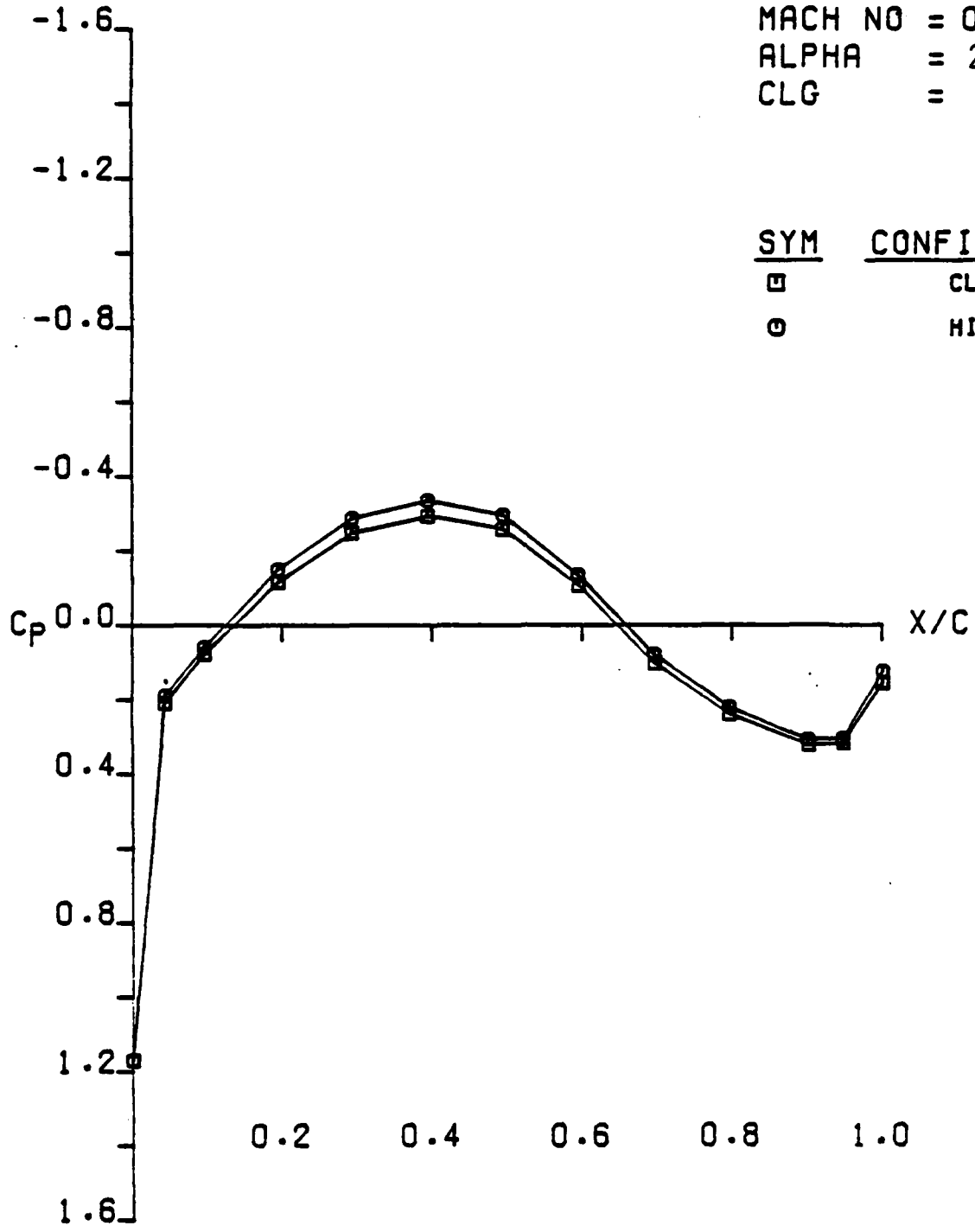
CLN VS HIGH (LWR SURF ETA .15)
AFOSR SEMISPAN MODEL A



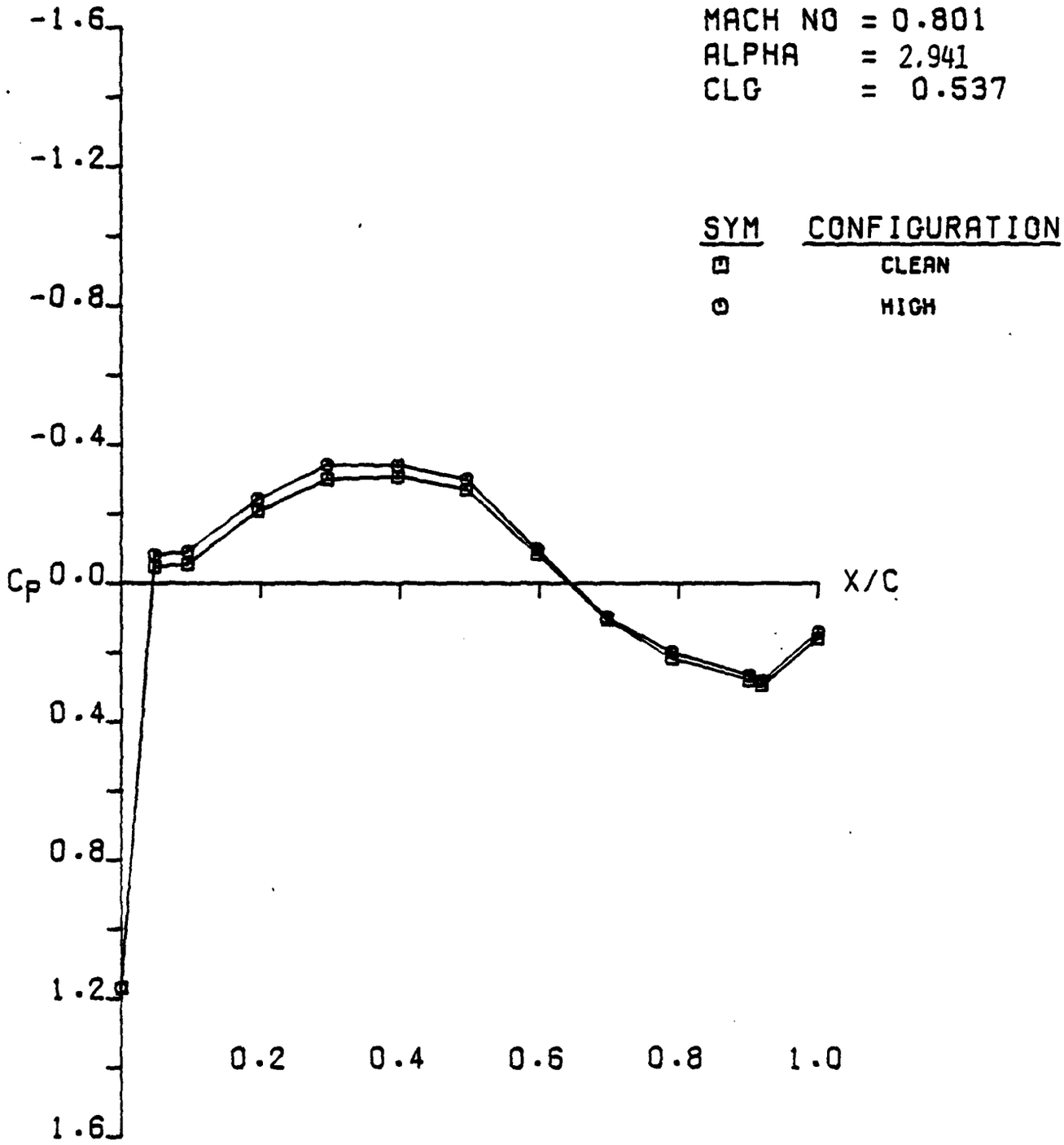
LOCKHEED CFWT SEMI-SPAN TEST. RUN 92
CLN VS HIGH (LWR SURF ETA .30)
AFOSR SEMISPAN MODEL A



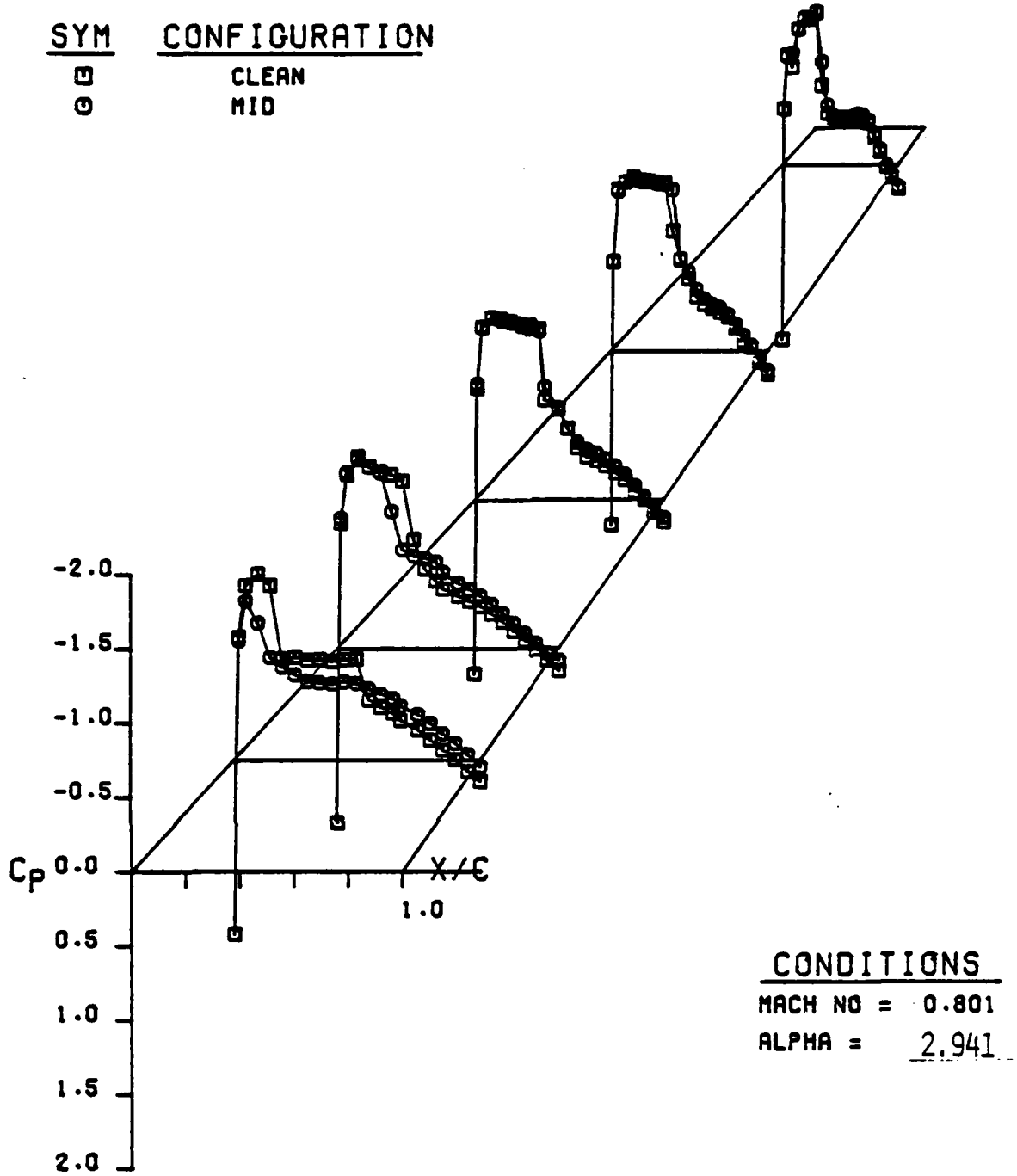
LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS HIGH (LWR SURF ETA .50)
AFOSR SEMISPAN MODEL A



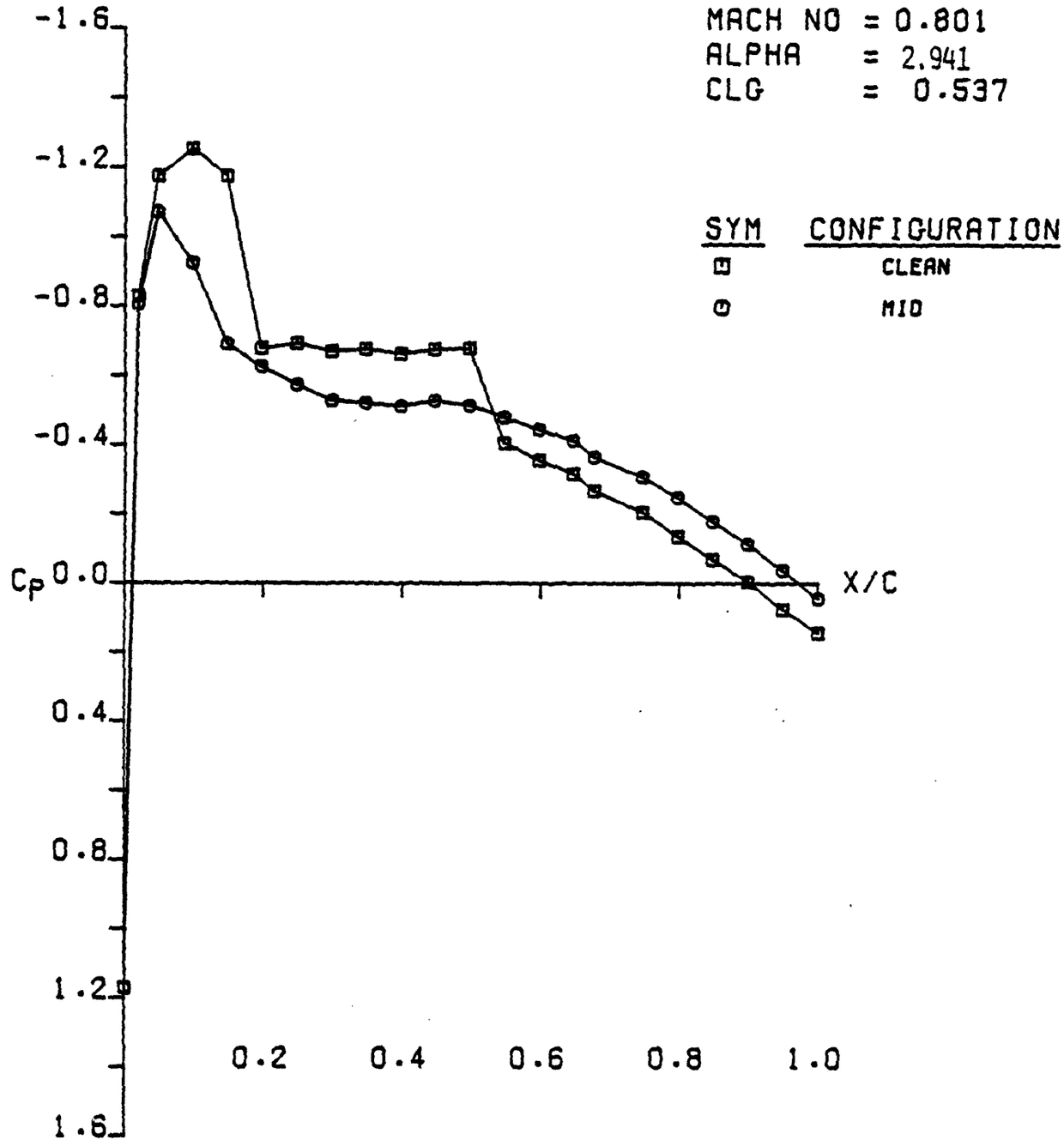
LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS HIGH (LWR SURF ETA .70)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS HIGH (LWR SURF ETA .95)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS MID (UPR SURF)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS MID (UPR SURF ETA .15)
AFOSR SEMISPAN MODEL A

AD-A085 259 LOCKHEED-GEORGIA CO MARIETTA F/G 20/4
ACQUISITION AND APPLICATION OF TRANSONIC WING AND FAR-FIELD TES--ETC(U)
MAR 80 B L HINSON, K P BURDGES F49620-78-C-0068
UNCLASSIFIED LG80ER0012-VOL-2 AFOSR-TR-80-0422-VOL-2-APP NL

3 OF 8
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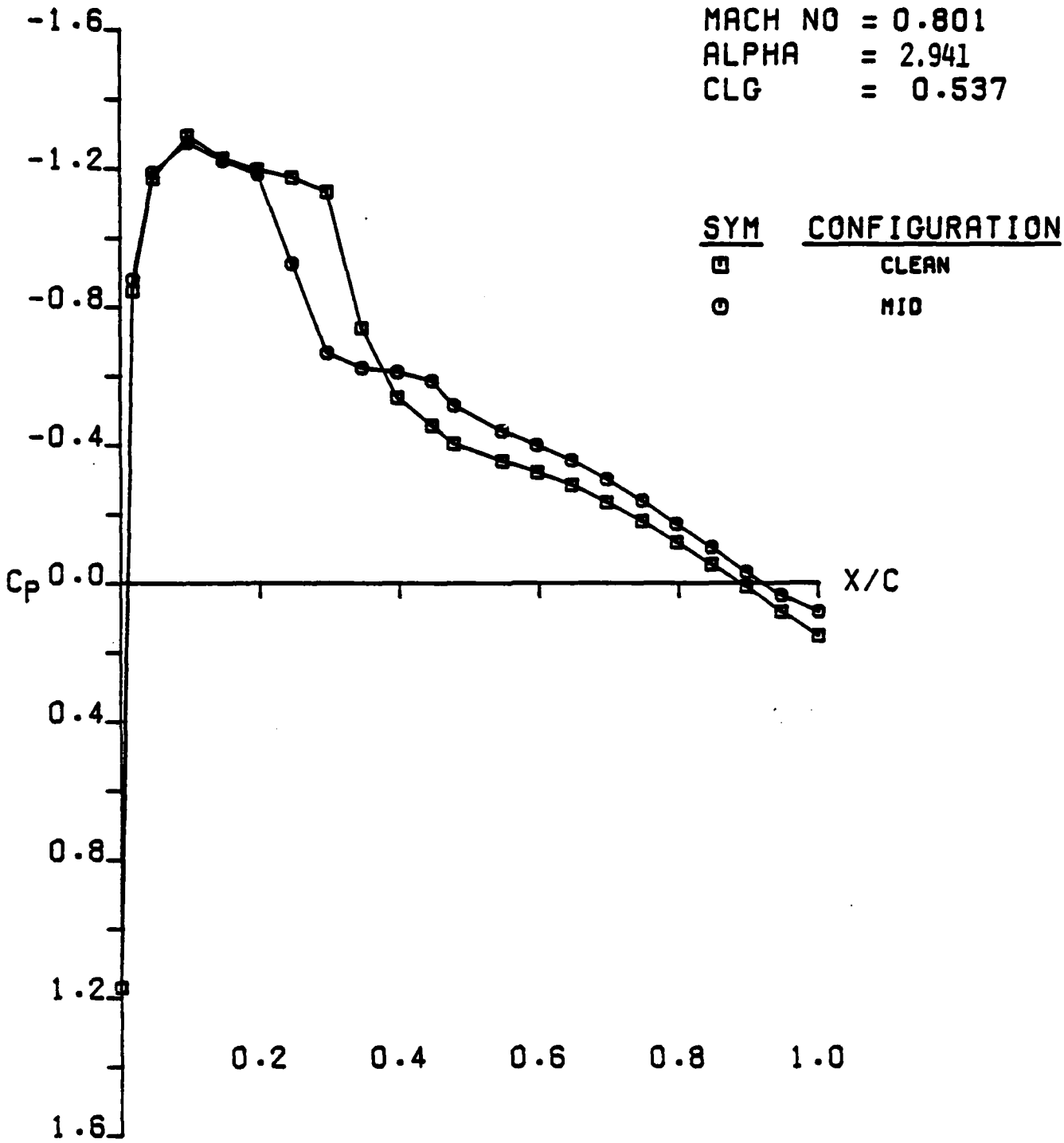
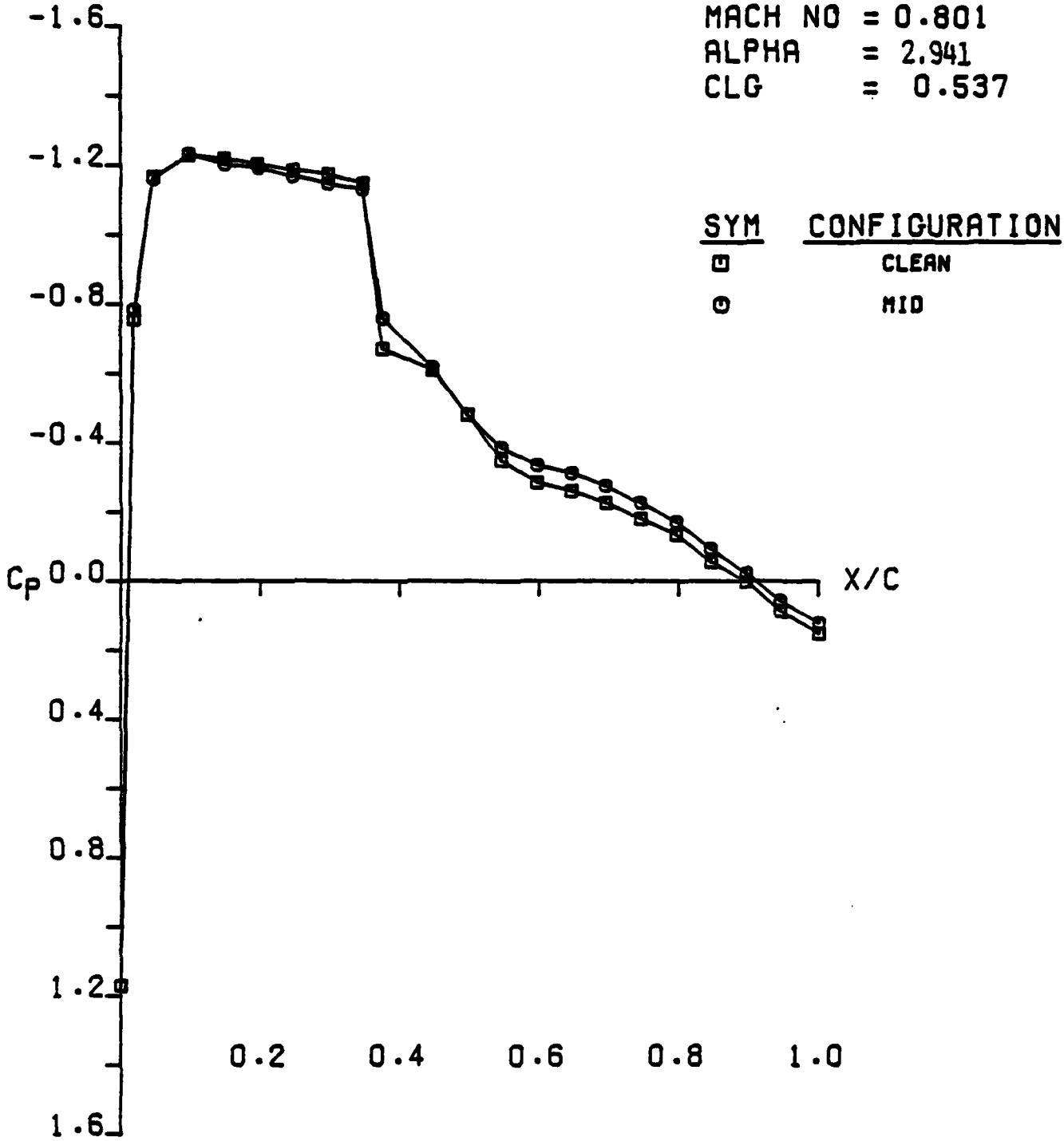


LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS MID (UPR SURF ETA .30)
AFOSR SEMISPAN MODEL A



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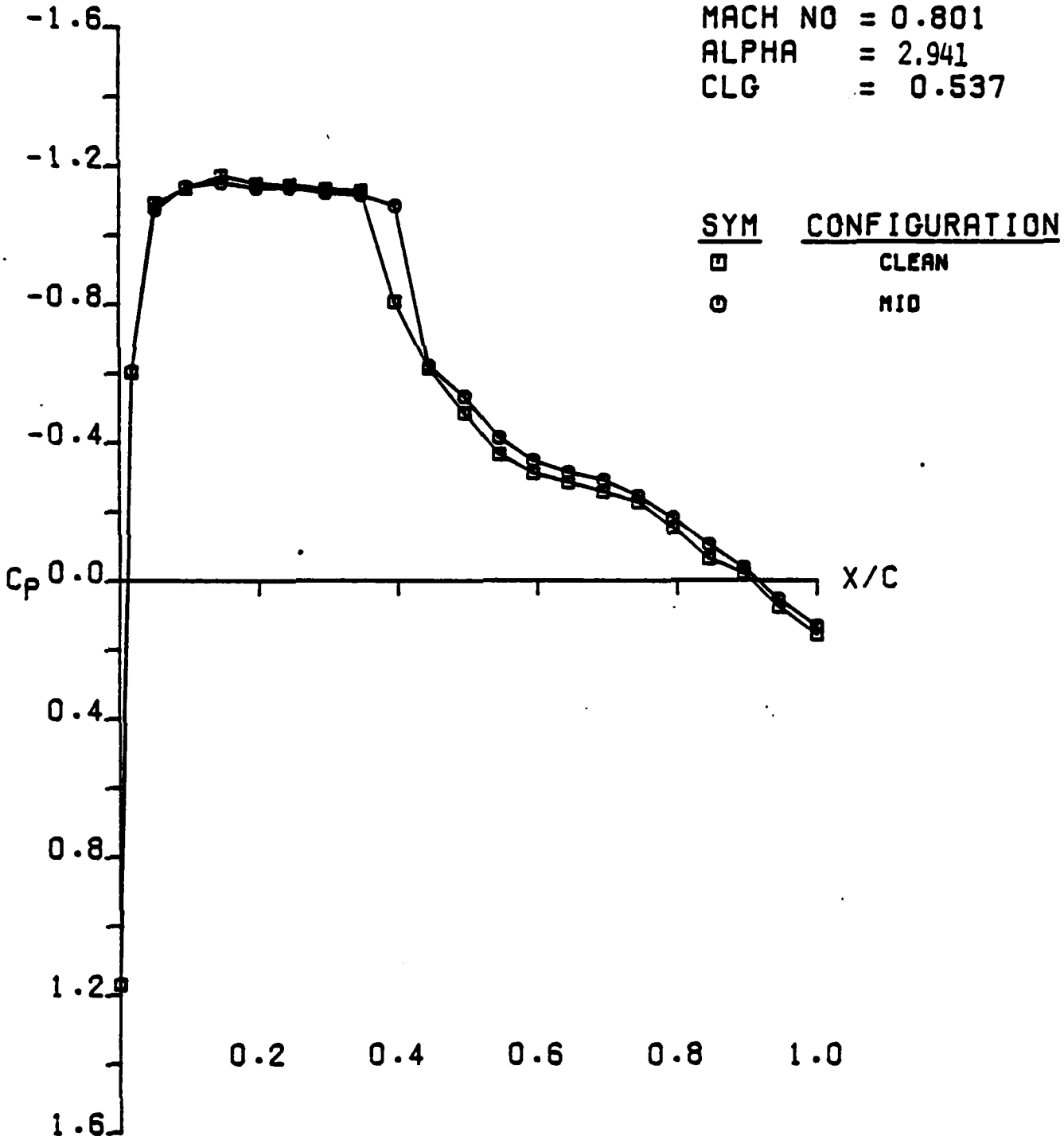
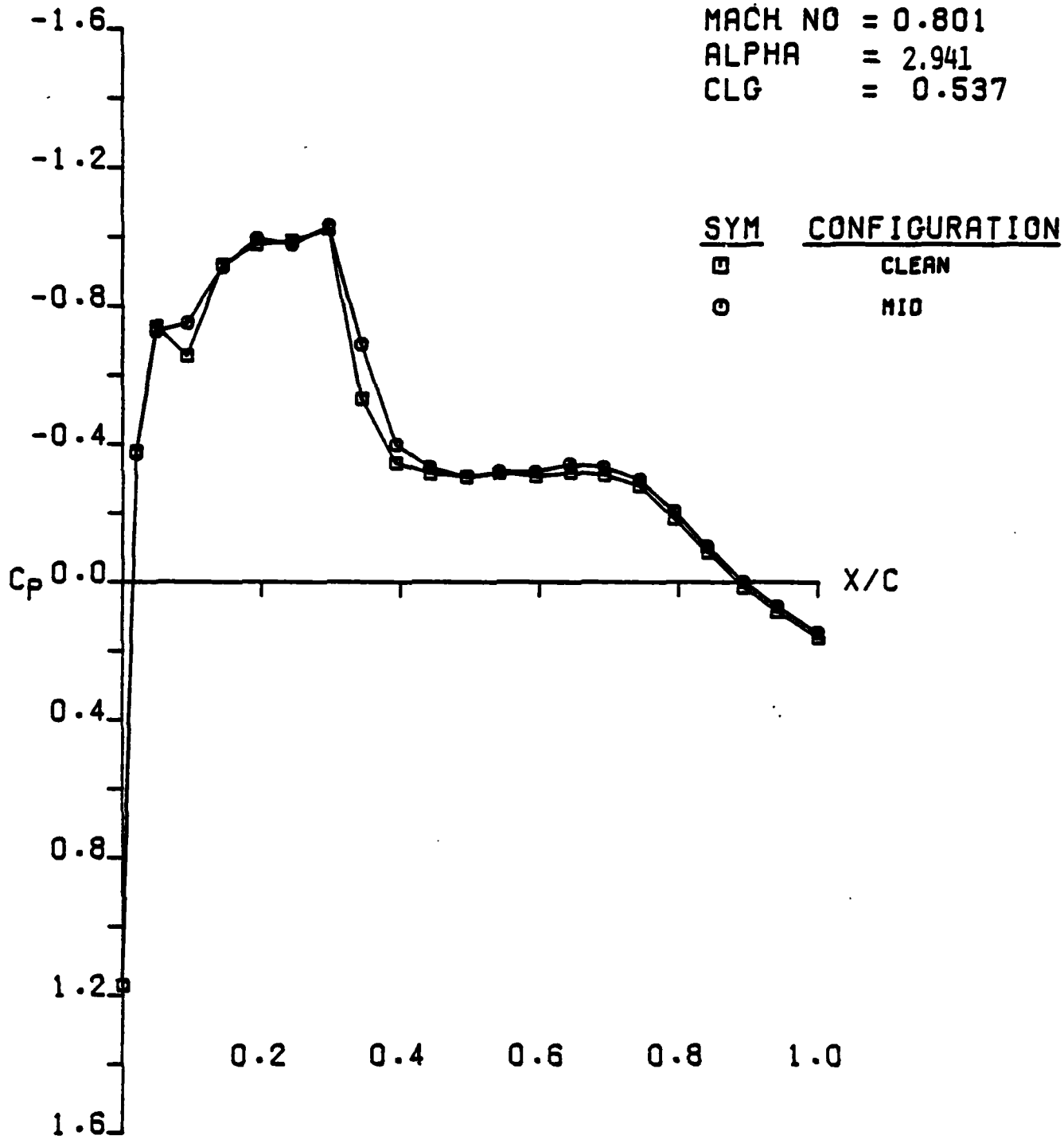
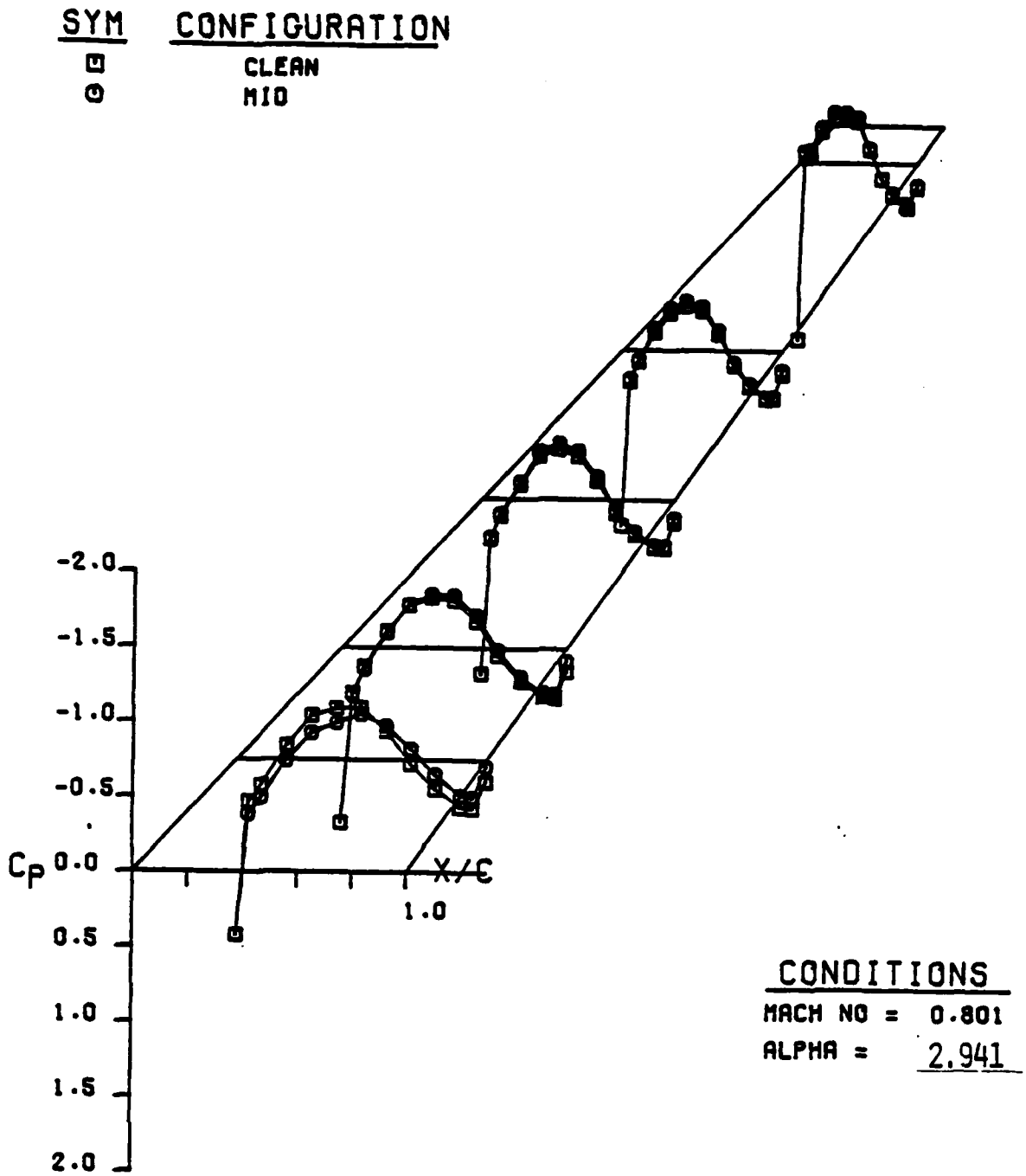
CLN VS MID (UPR SURF ETA .50)
AFOSR SEMISPAN MODEL A



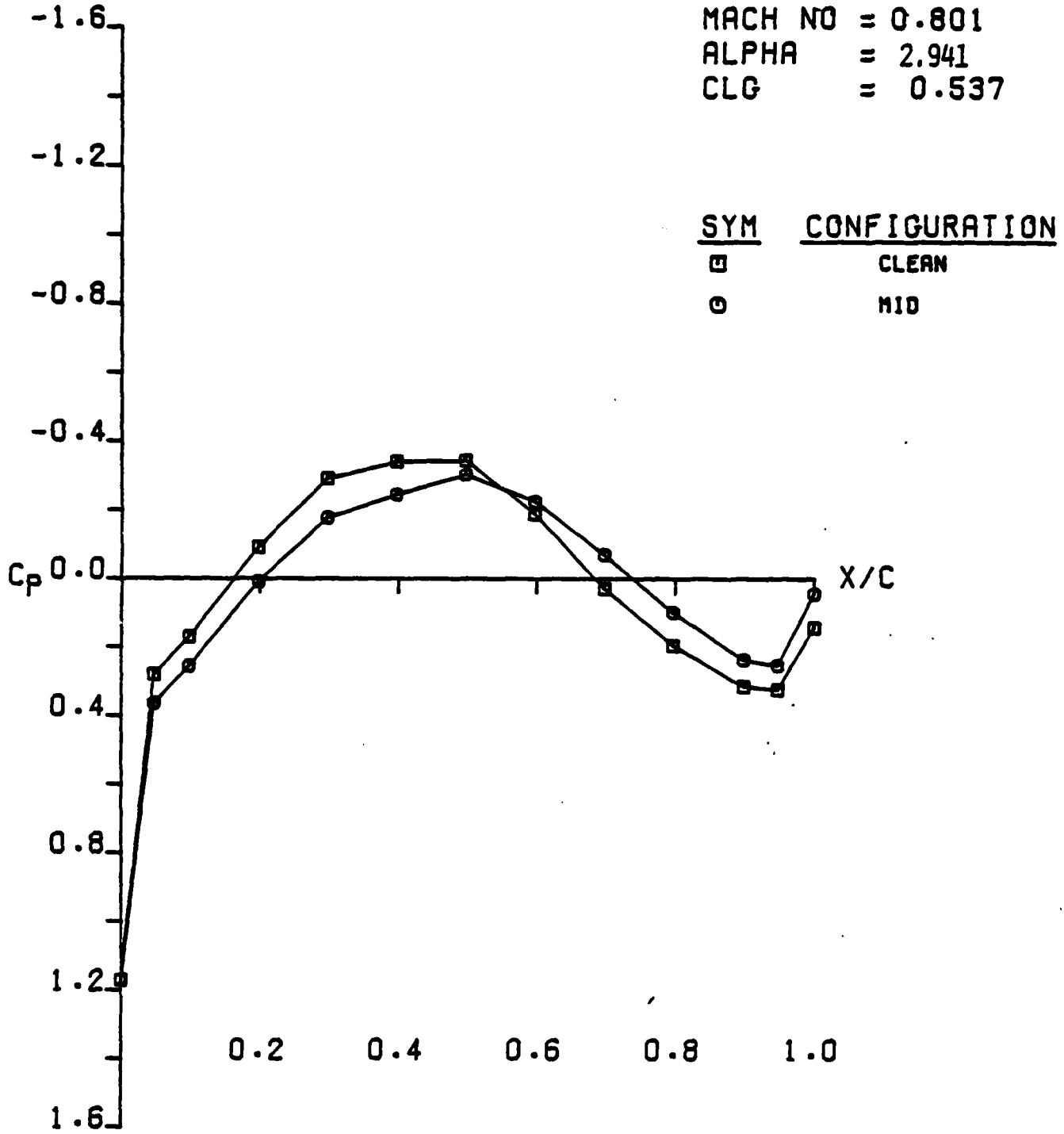
LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS MID (UPR SURF ETA .70)
AFOSR SEMISPAN MODEL A



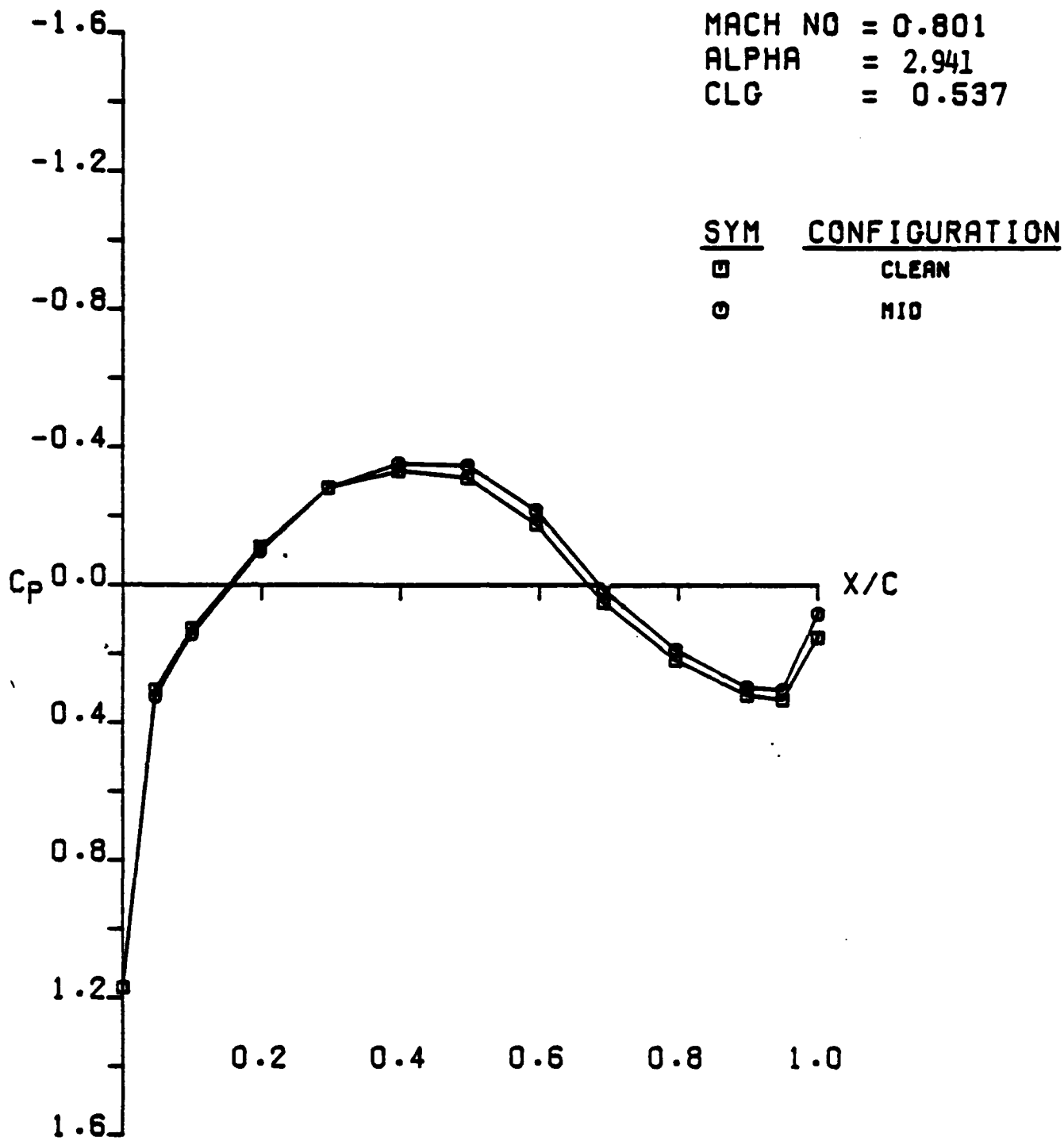
LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS MID (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS MID (LWR SURF)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS MID (LWR SURF ETA .15)
AFOSR SEMISPAN MODEL A



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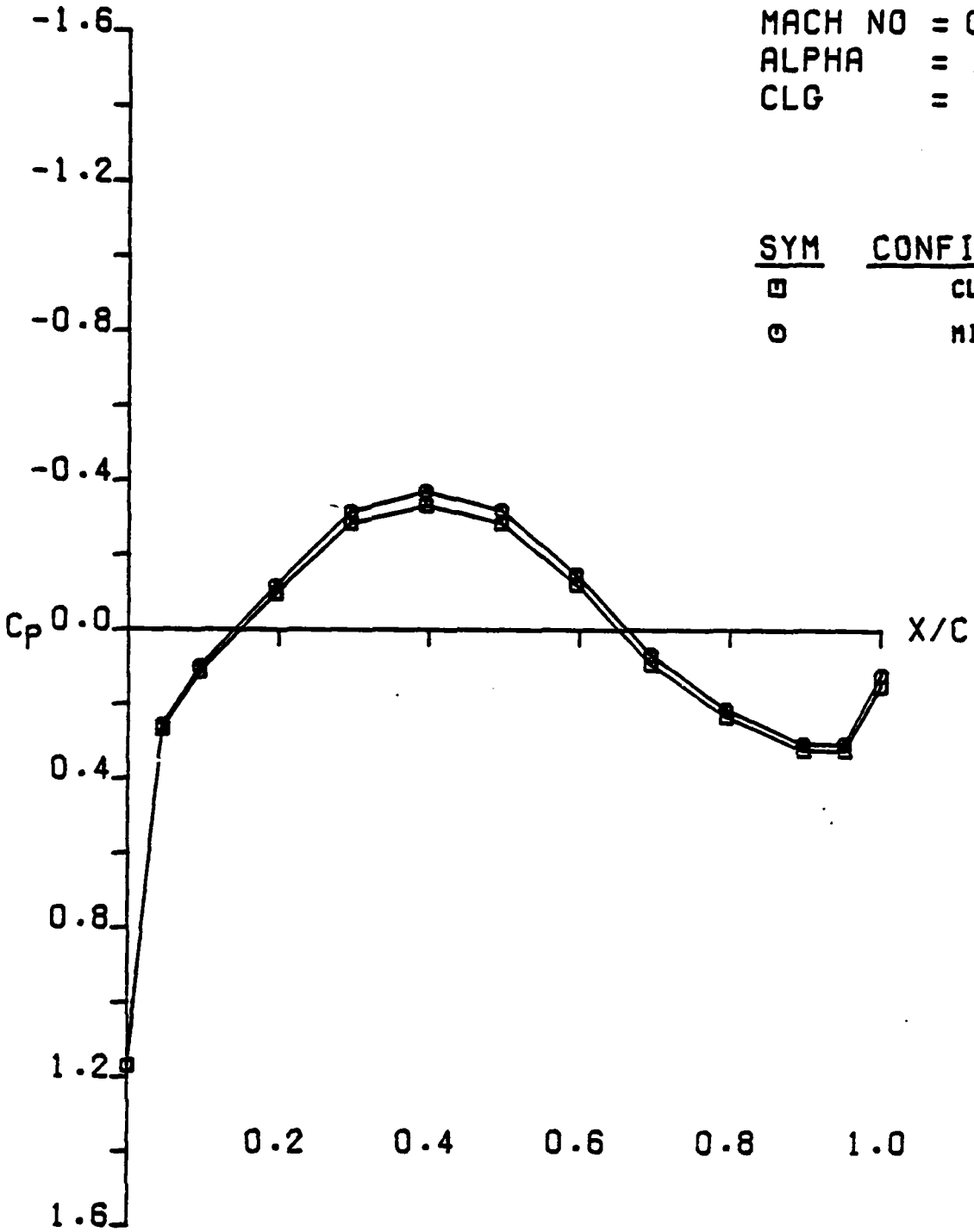
CLN VS MID (LWR SURF ETA .30)
AFOSR SEMISPAN MODEL A



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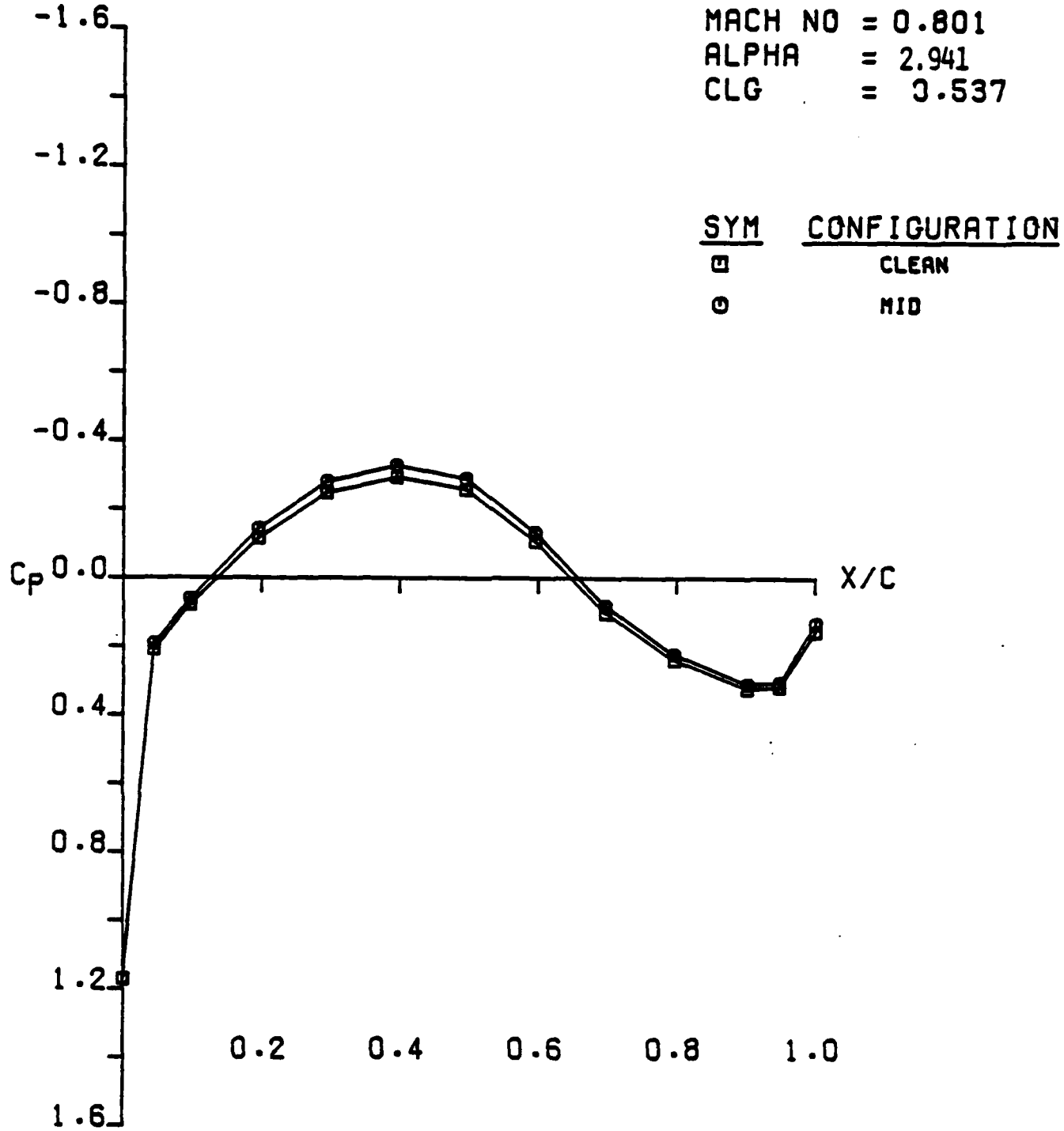
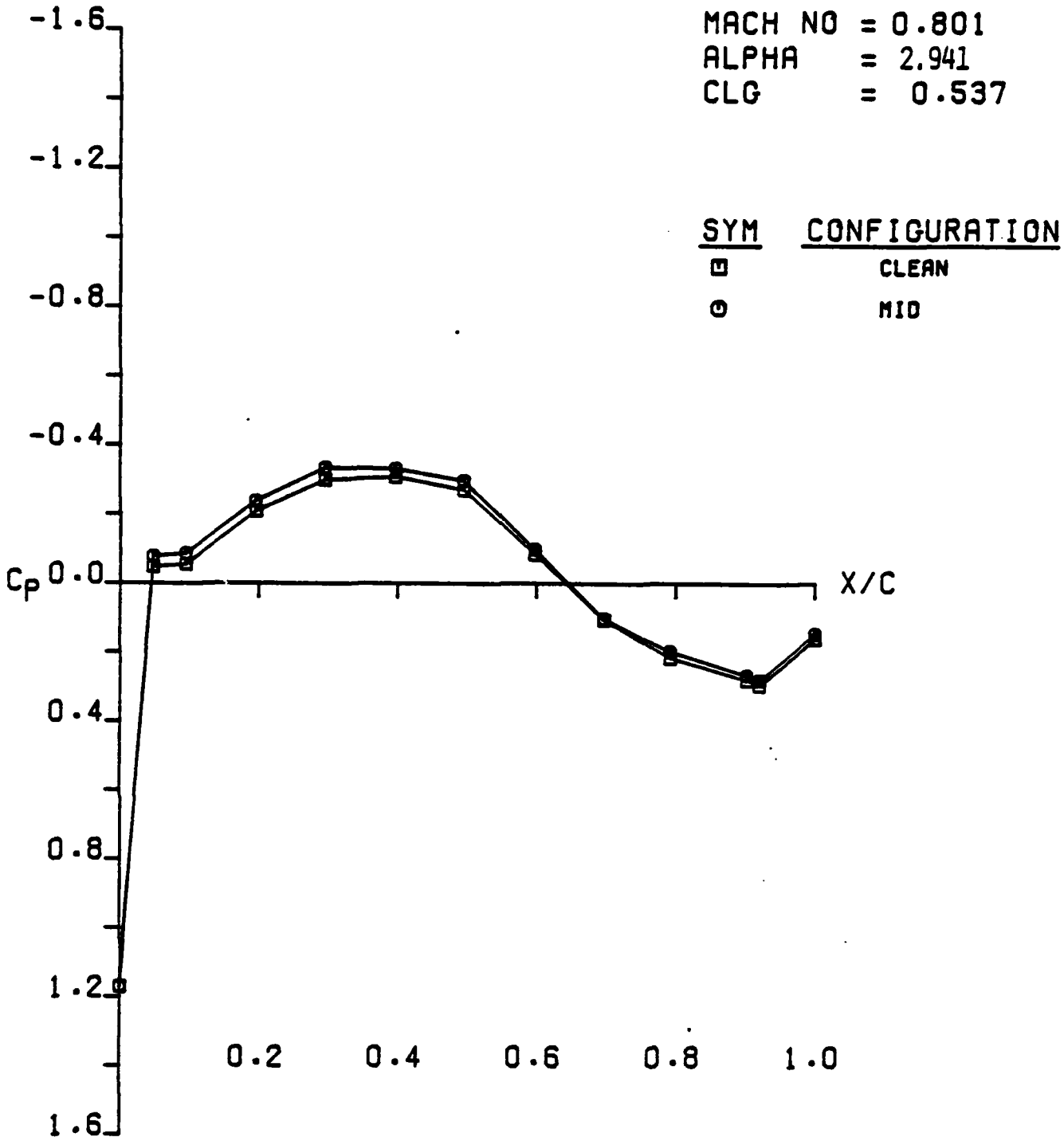
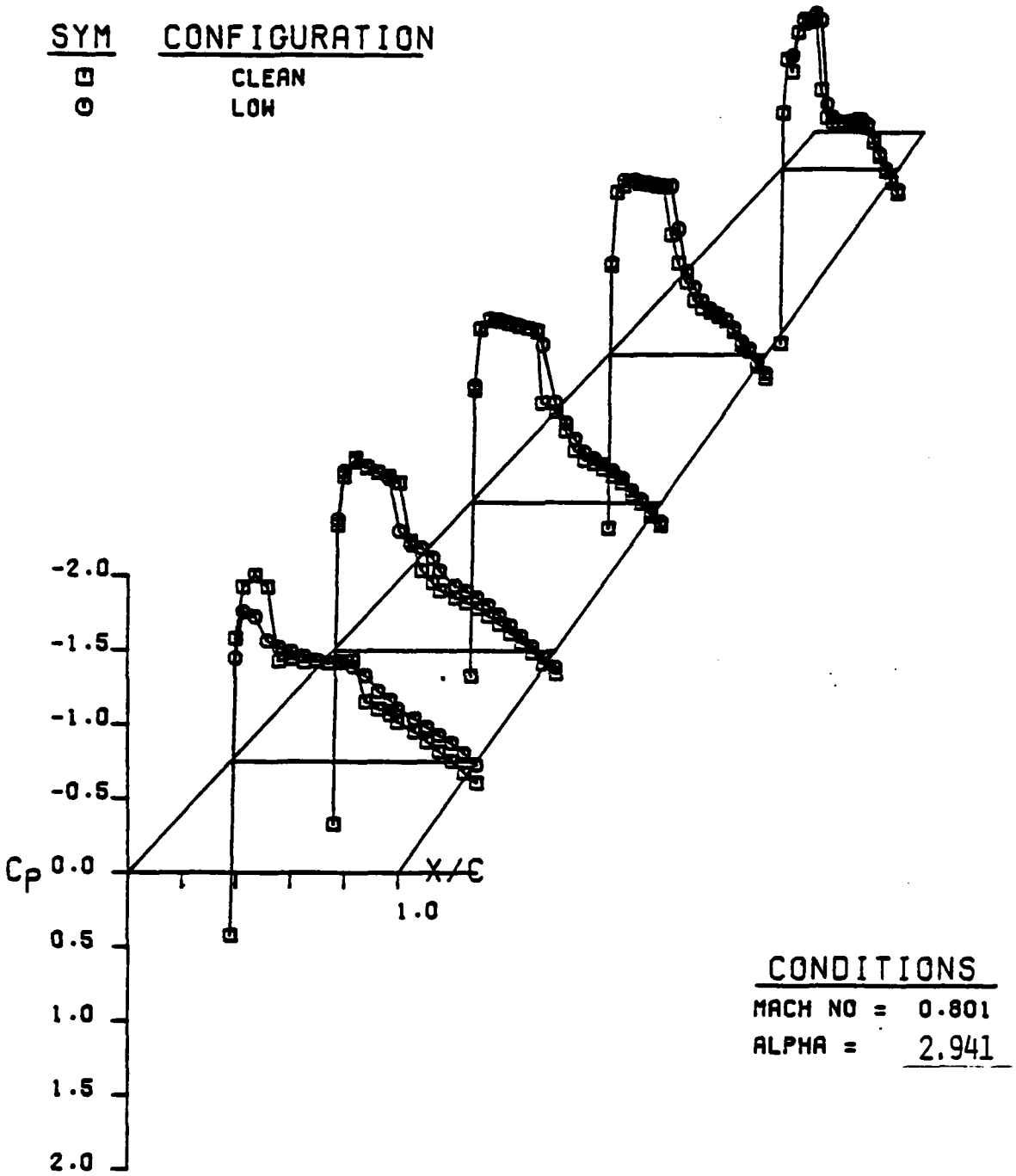
CLN VS MID (LWR SURF ETA .50)
AFOSR SEMISPAN MODEL A



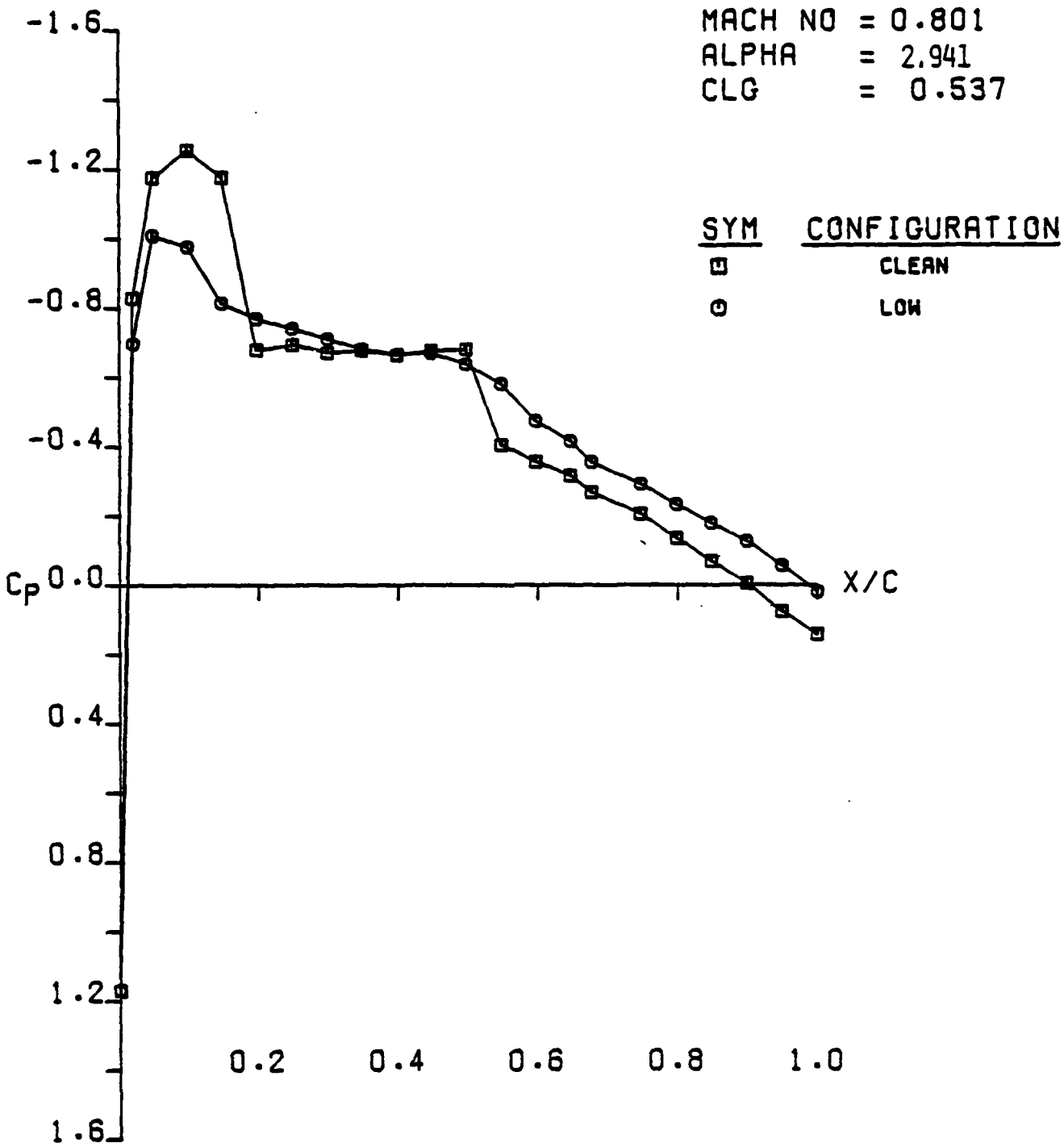
LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS MID (LWR SURF ETA .70)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST. RUN 92
CLN VS MID (LWR SURF ETA .95)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS LOW (UPR SURF)
AFOSR SEMISPAN MODEL A



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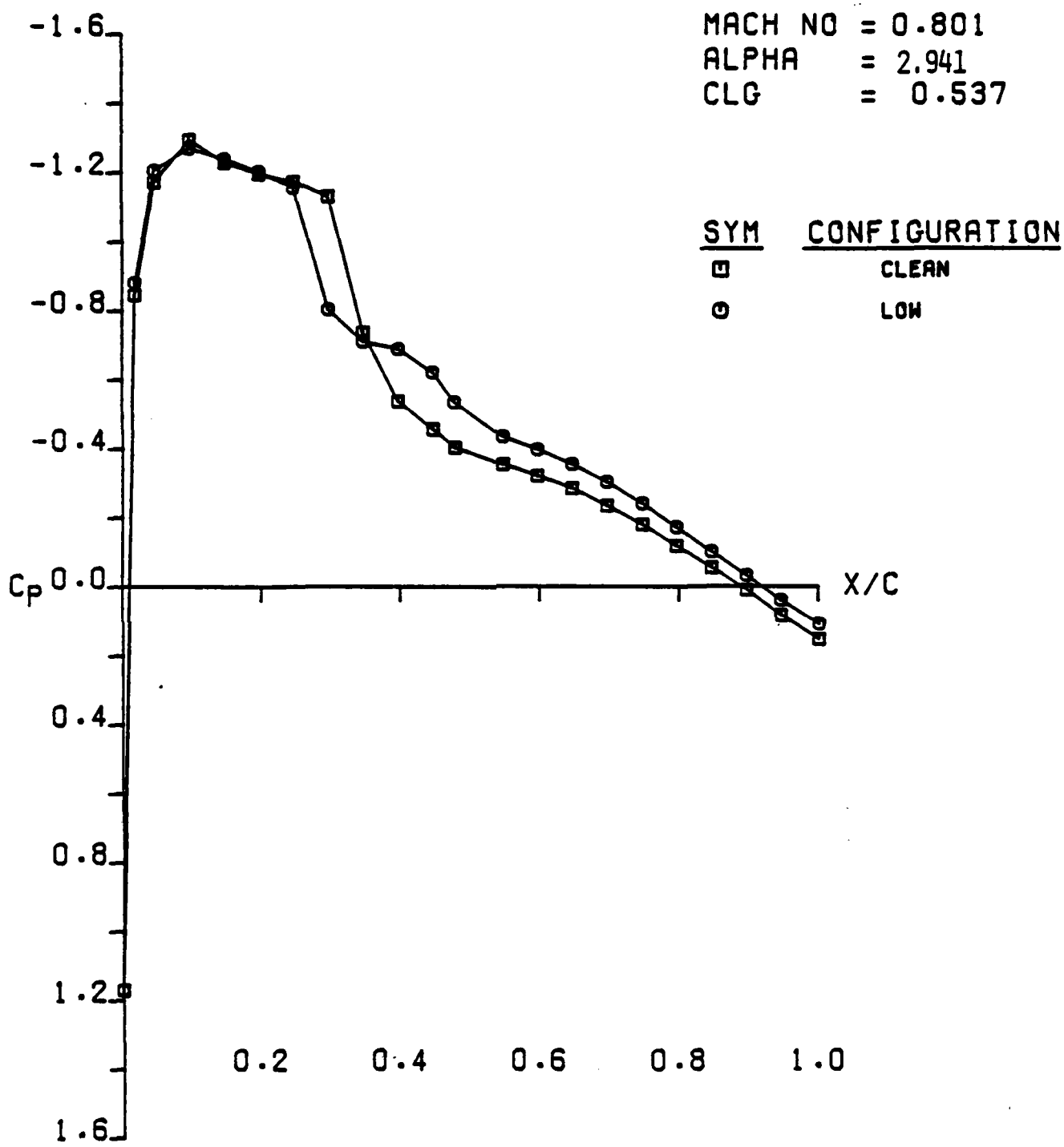
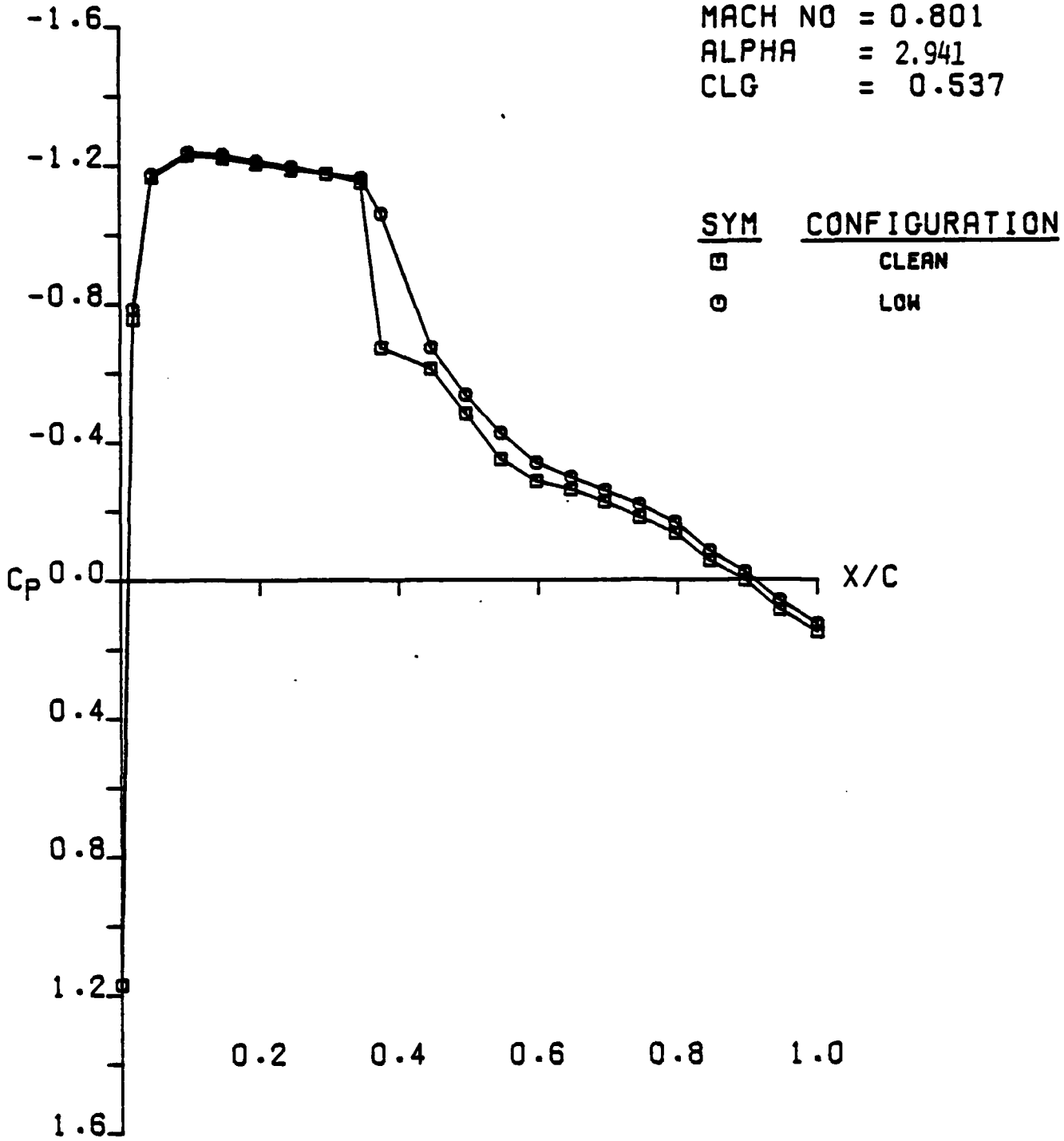
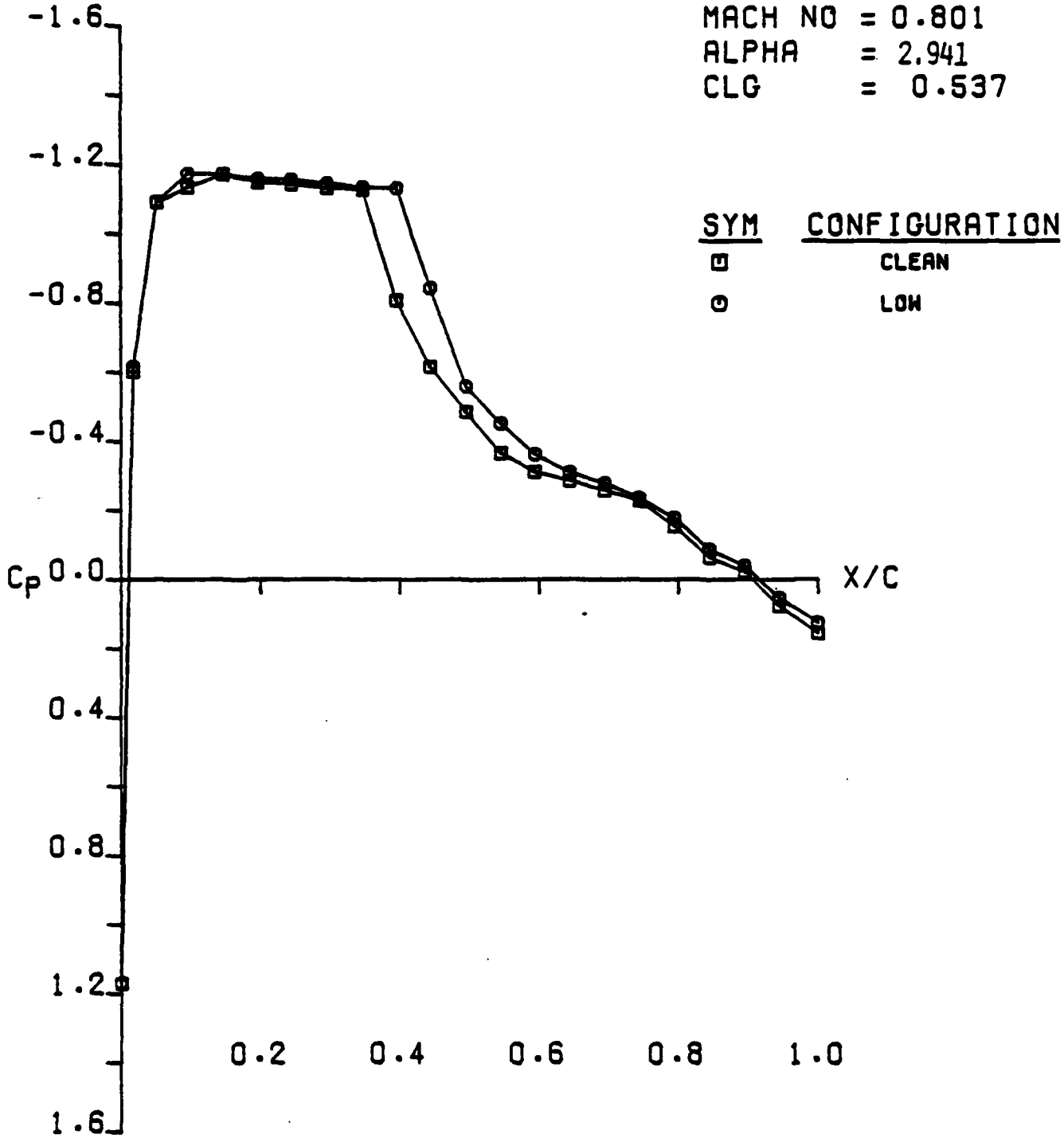
CLN VS LOW (UPR SURF ETA .15)
AFOSR SEMISPAN MODEL A



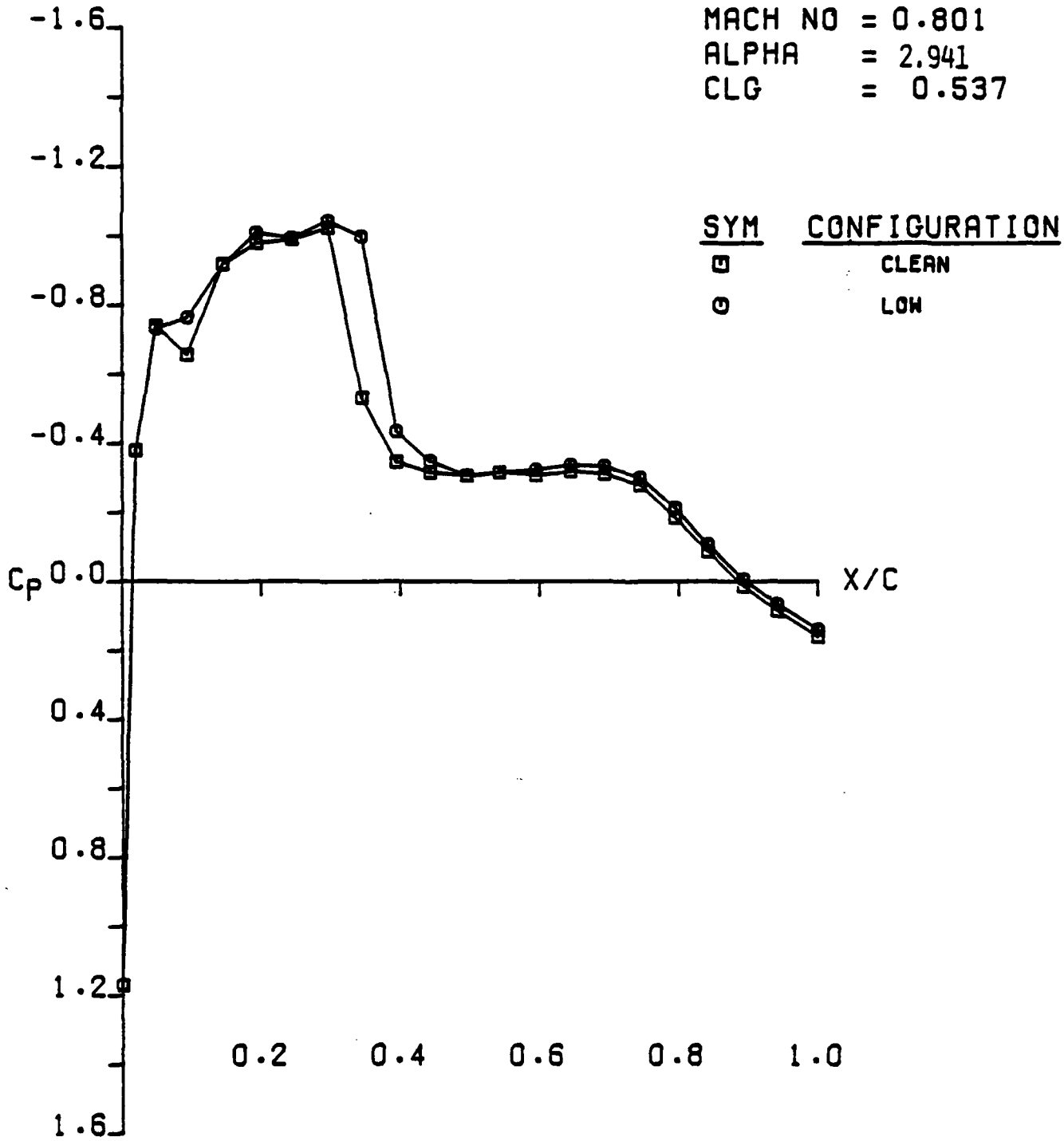
LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS LOW (UPR SURF ETA .30)
AFOSR SEMISPAN MODEL A



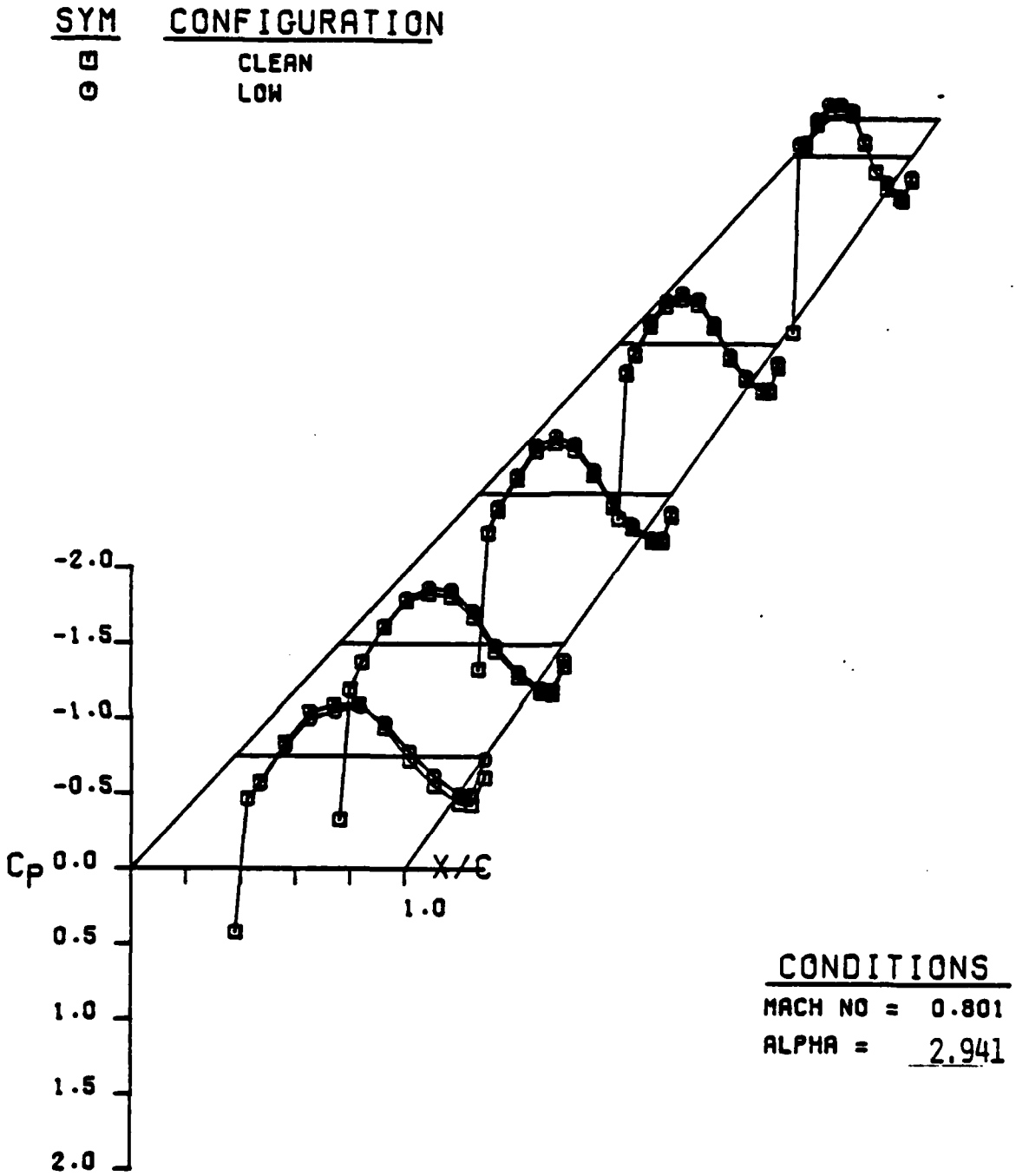
LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS LOW (UPR SURF ETA .50)
AFOSR SEMISPAN MODEL A



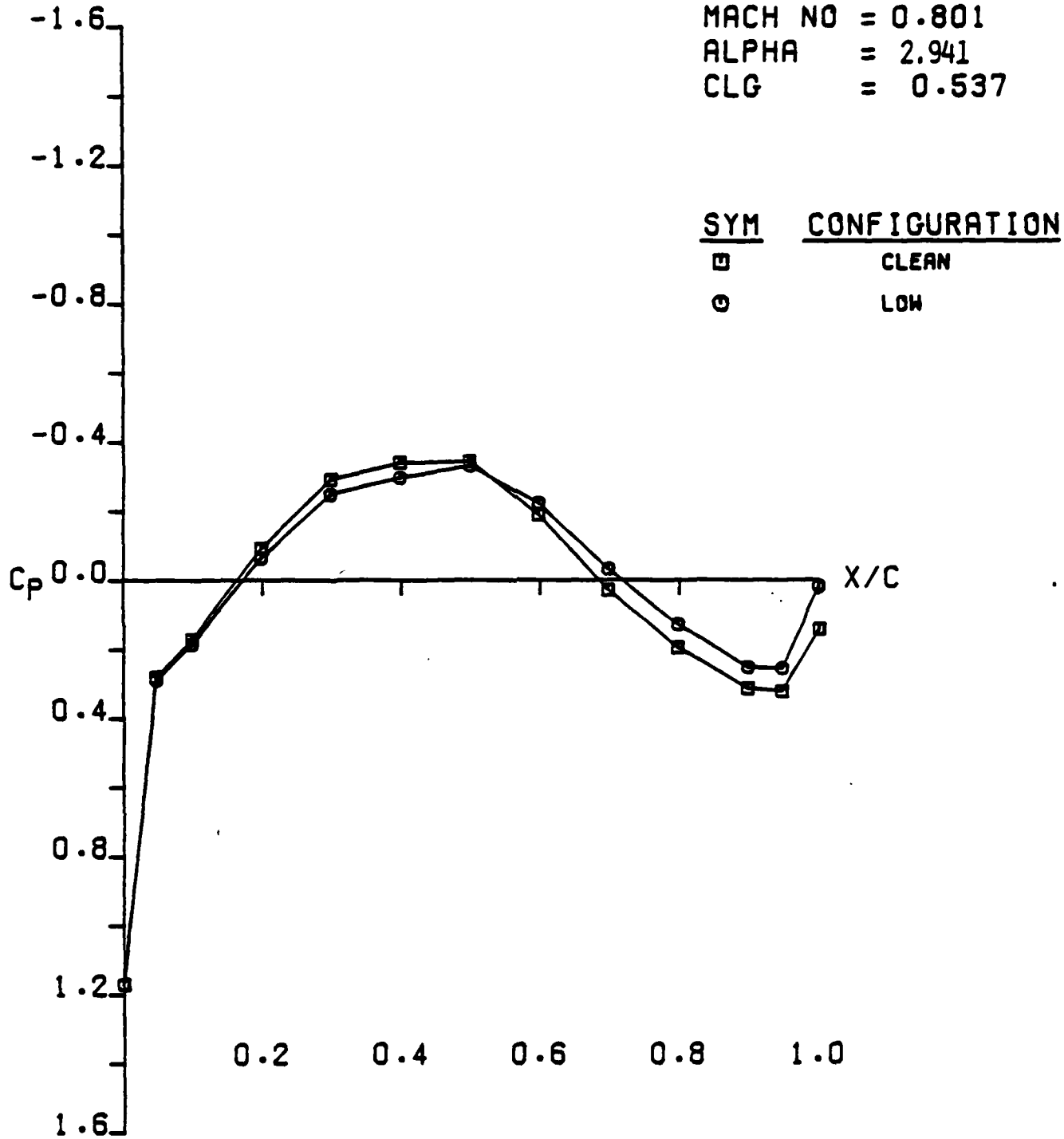
LOCKHEED CFWT SEMI-SPAN TEST. RUN 92
CLN VS LOW (UPR SURF ETA .70)
AFOSR SEMISPAN MODEL A



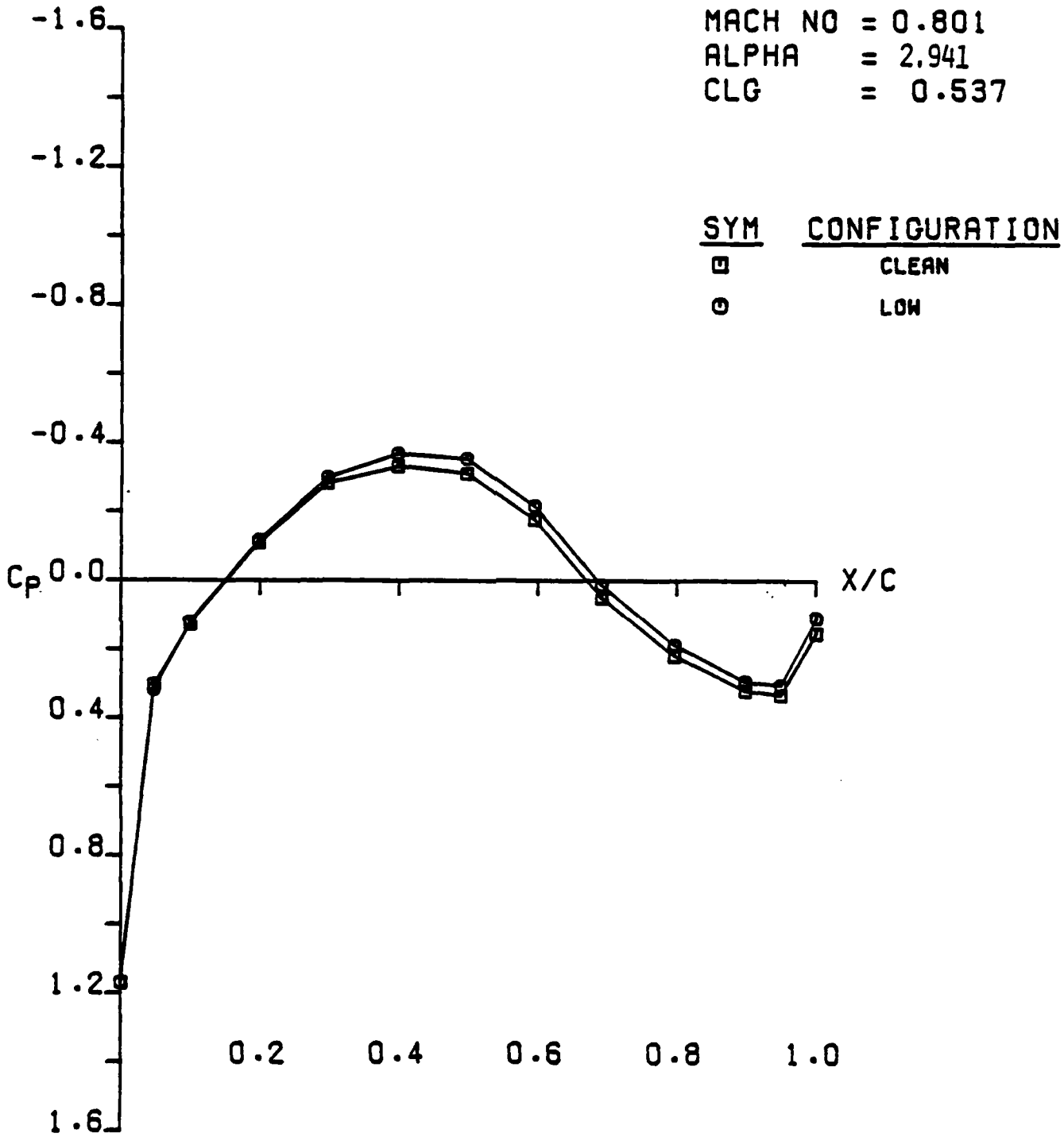
LOCKHEED CFWT SEMI-SPAN TEST. RUN 92
CLN VS LOW (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL A



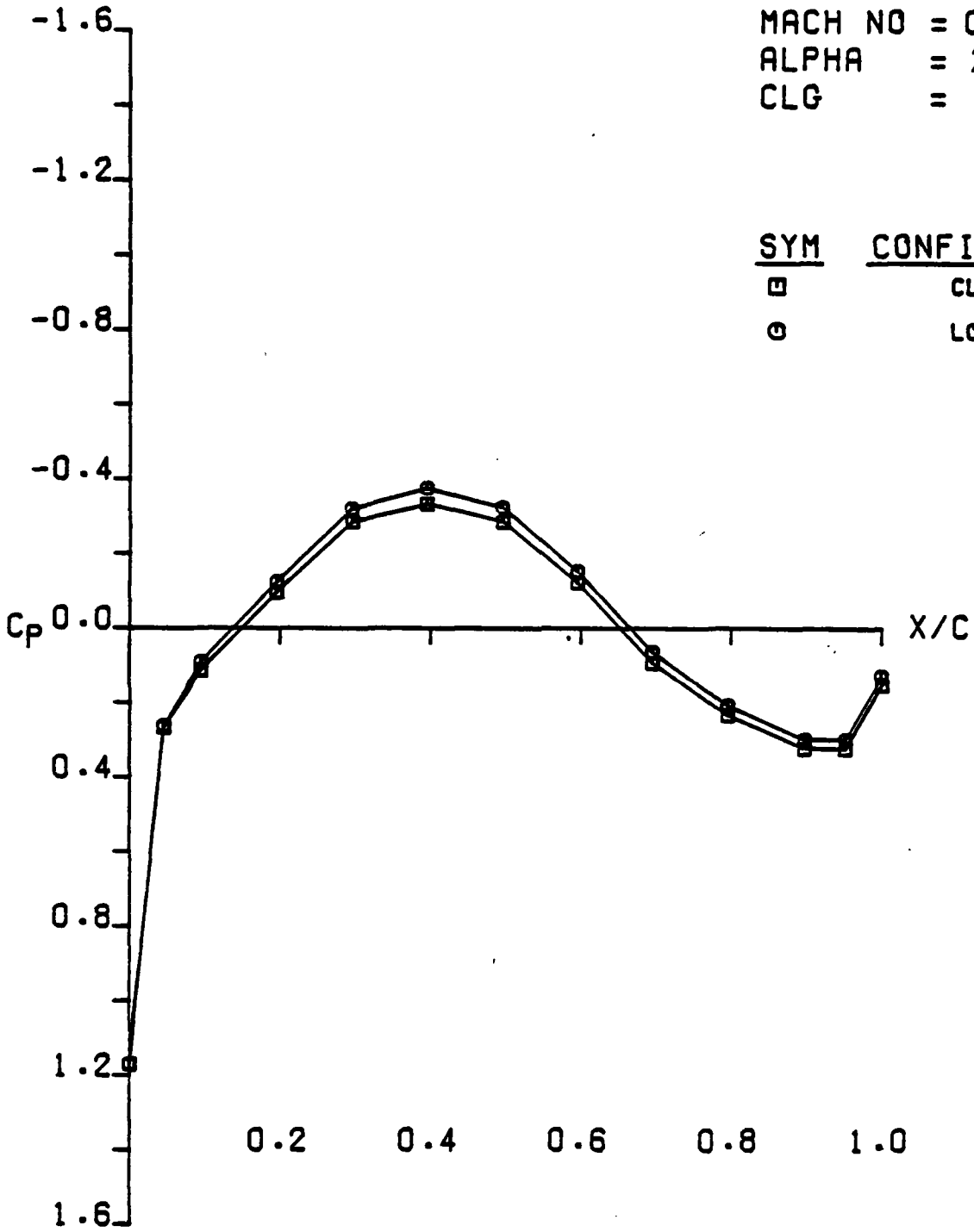
LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS LOW (LWR SURF)
AFOSR SEMISPAN MODEL A



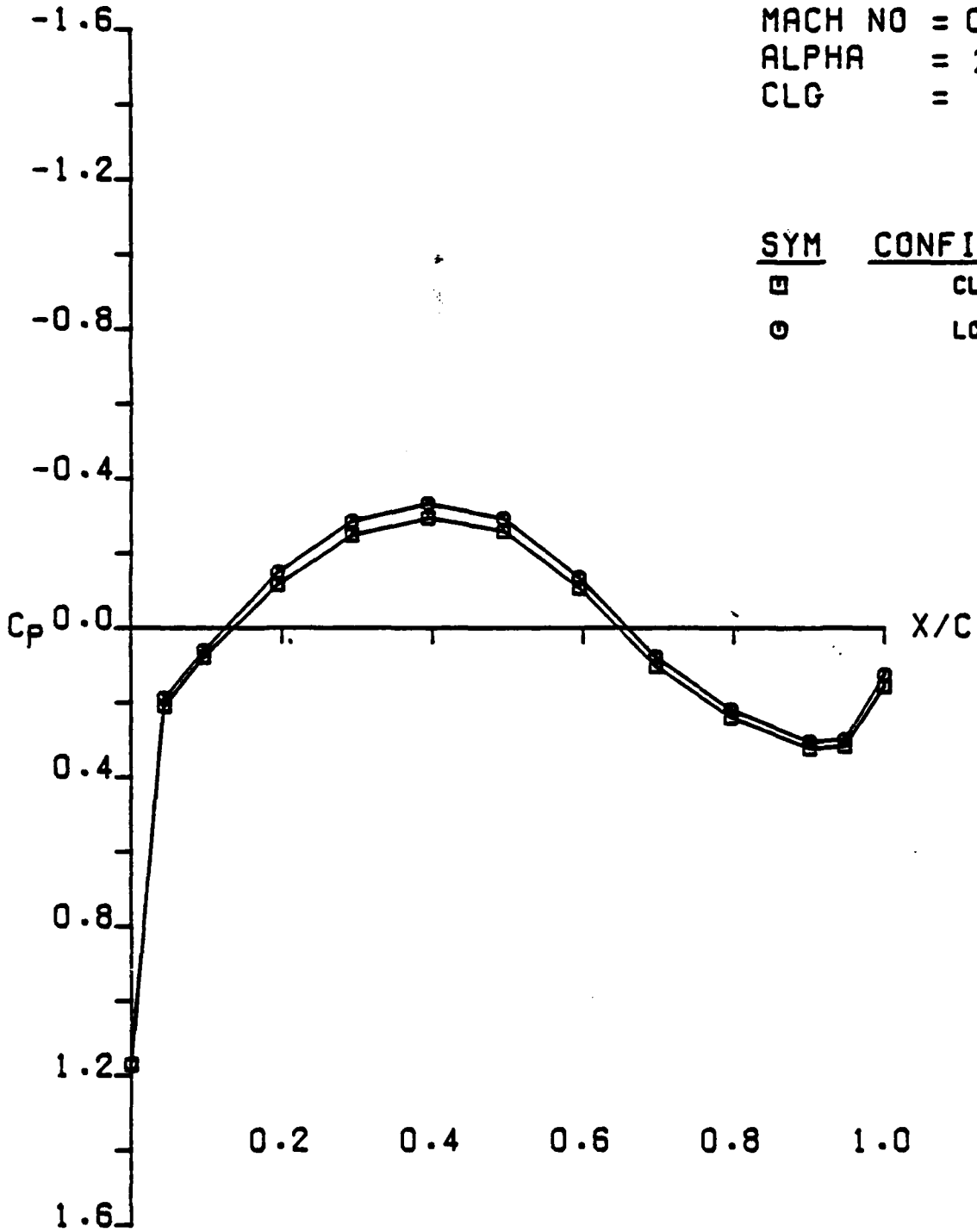
LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS LOW (LWR SURF ETA .15)
AFOSR SEMISPAN MODEL A



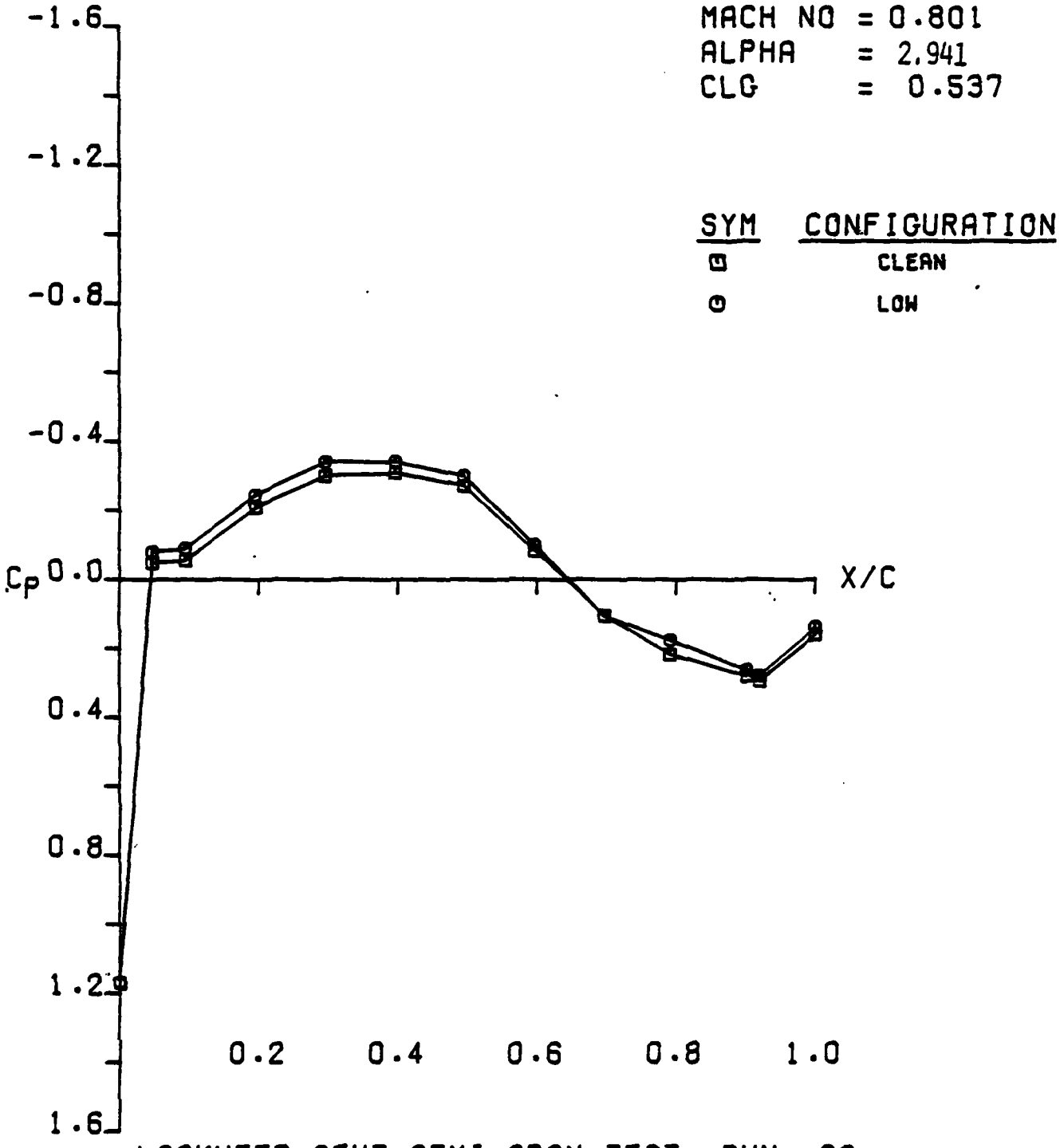
LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS LOW (LWR SURF ETA .30)
AFOSR SEMISPAN MODEL A



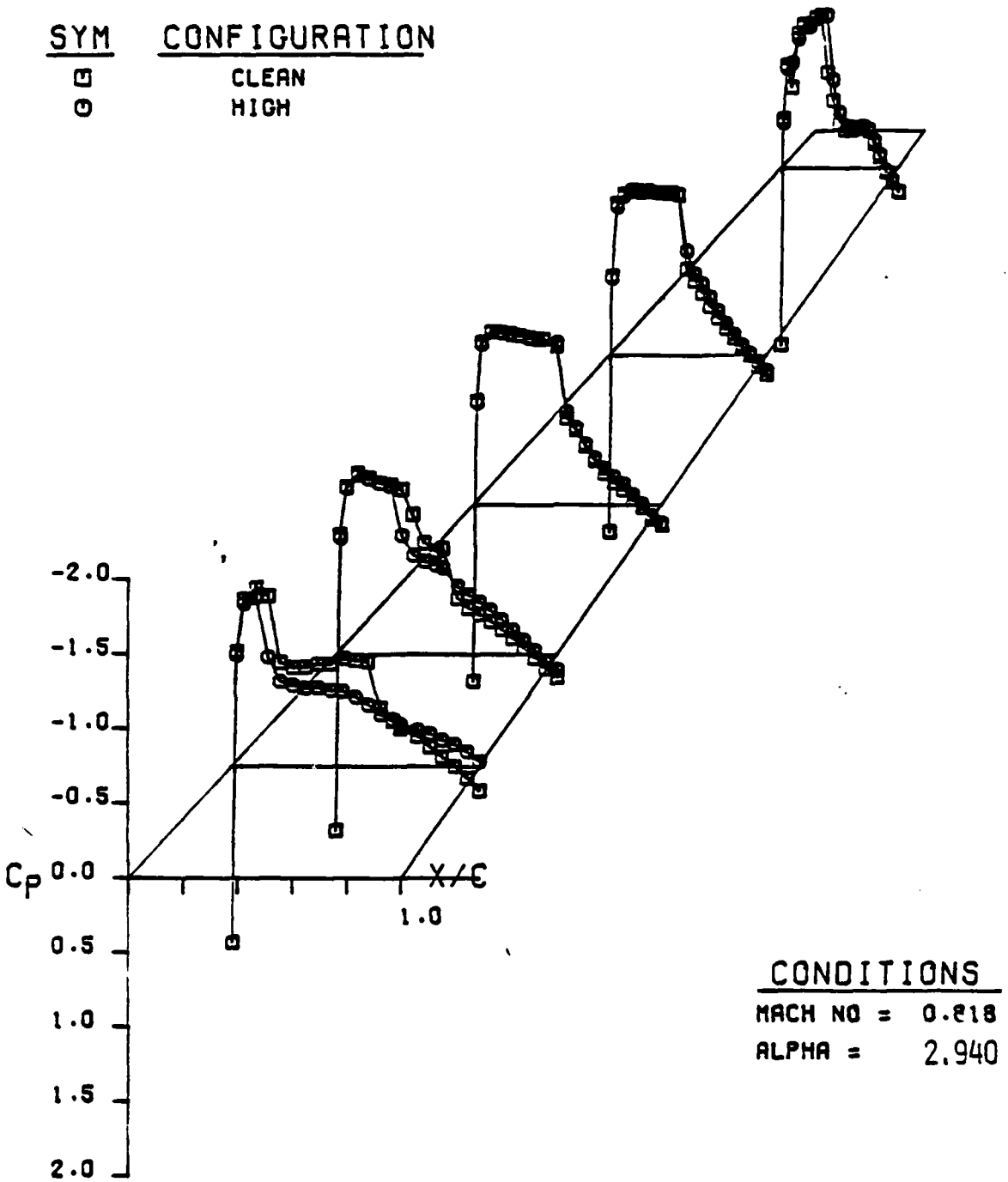
LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS LOW (LWR SURF ETA .50)
AFOSR SEMISPAN MODEL A



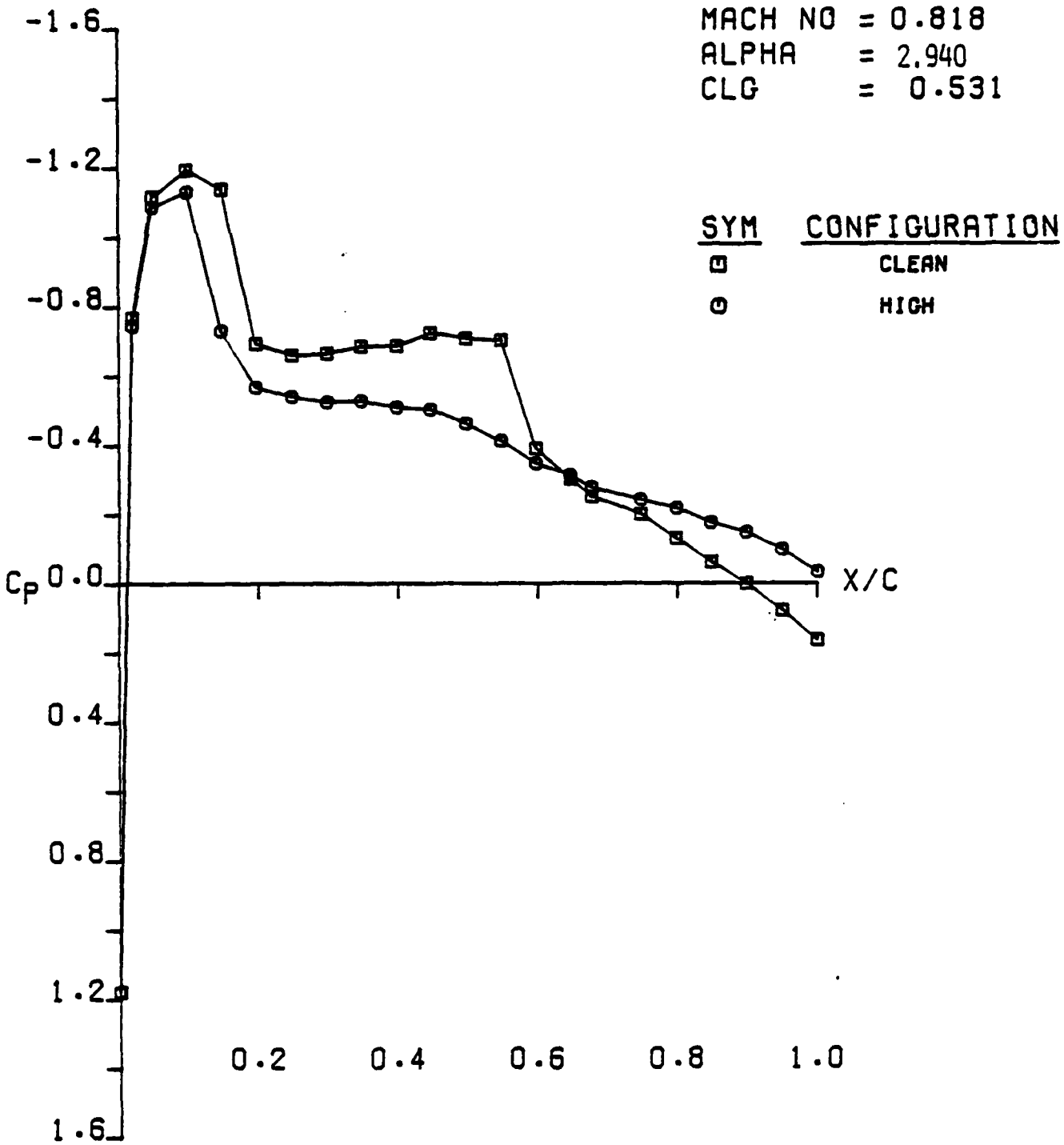
LOCKHEED CFWT SEMI-SPAN TEST. RUN 92
CLN VS LOW (LWR SURF ETA .70)
AFOSR SEMISPAN MODEL A



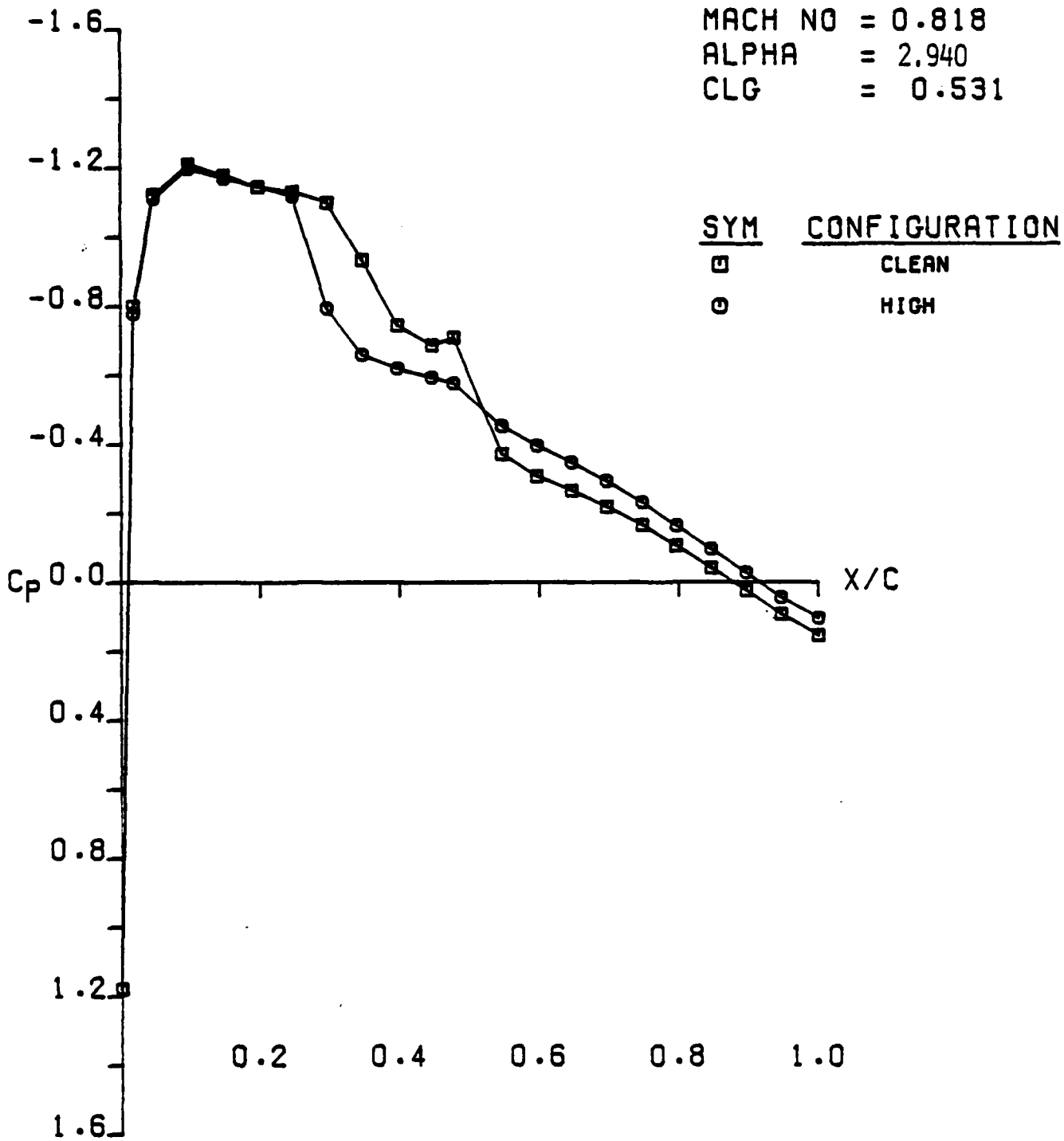
LOCKHEED CFWT SEMI-SPAN TEST, RUN 92
CLN VS LOW (LWR SURF ETA .95)
AFOSR SEMISPAN MODEL A



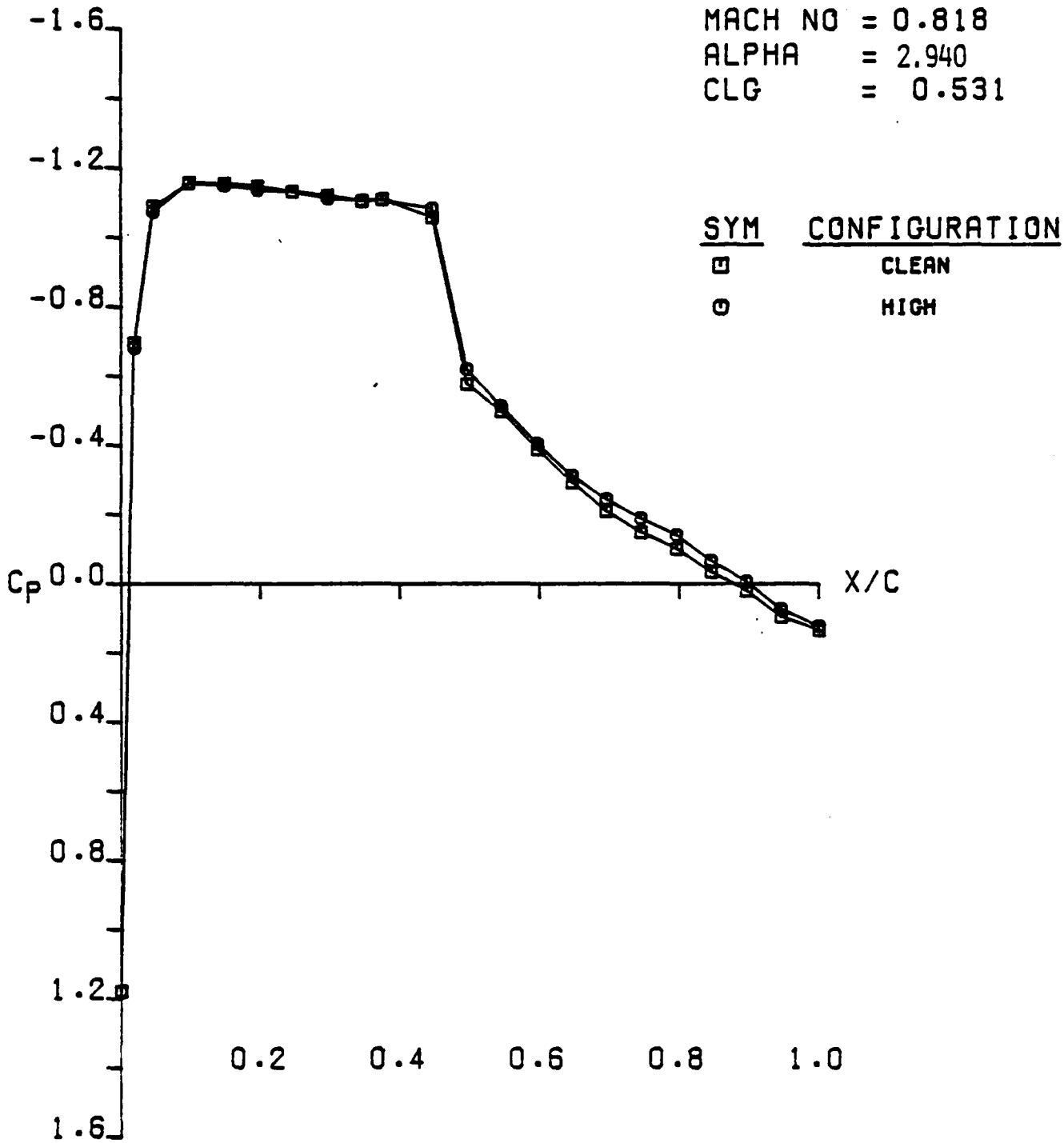
LOCKHEED CFWT SEMI-SPAN TEST. RUN 35
CLN VS HIGH (UPR SURF)
AFOSR SEMISPAN MODEL A



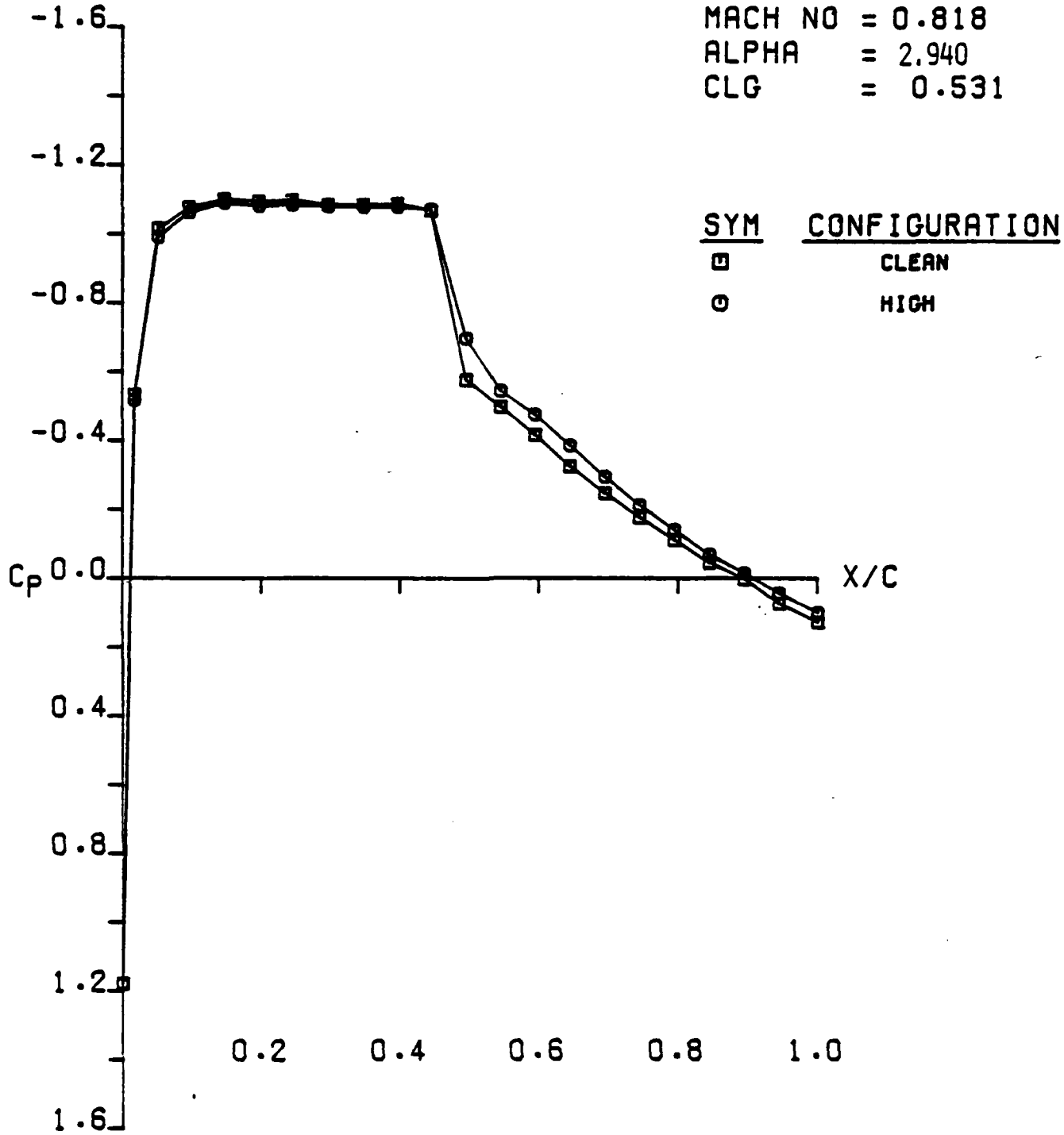
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS HIGH (UPR SURF ETA .15)
AFOSR SEMISPAN MODEL A



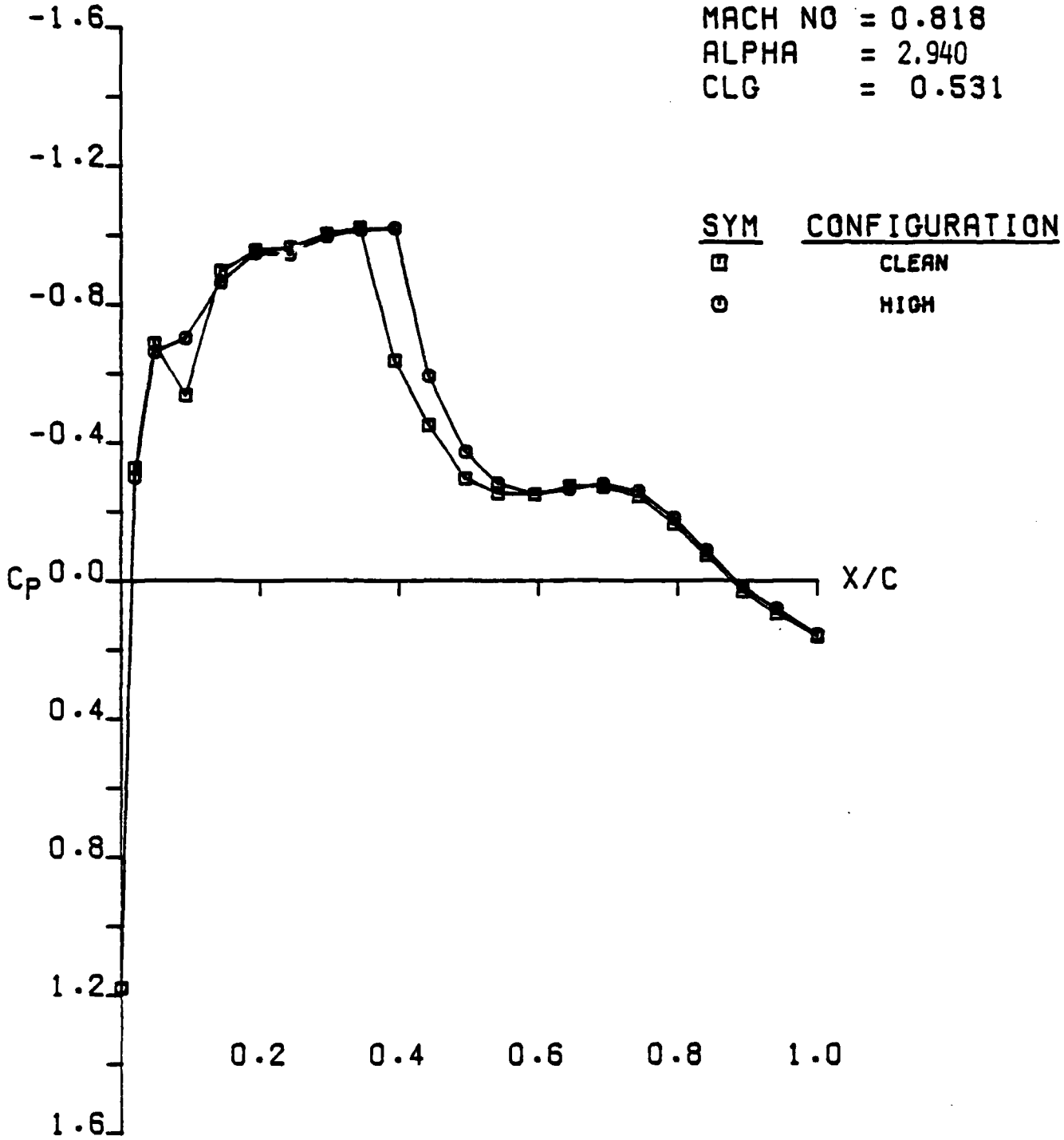
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS HIGH (UPR SURF ETA .30)
AFOSR SEMISPAN MODEL A



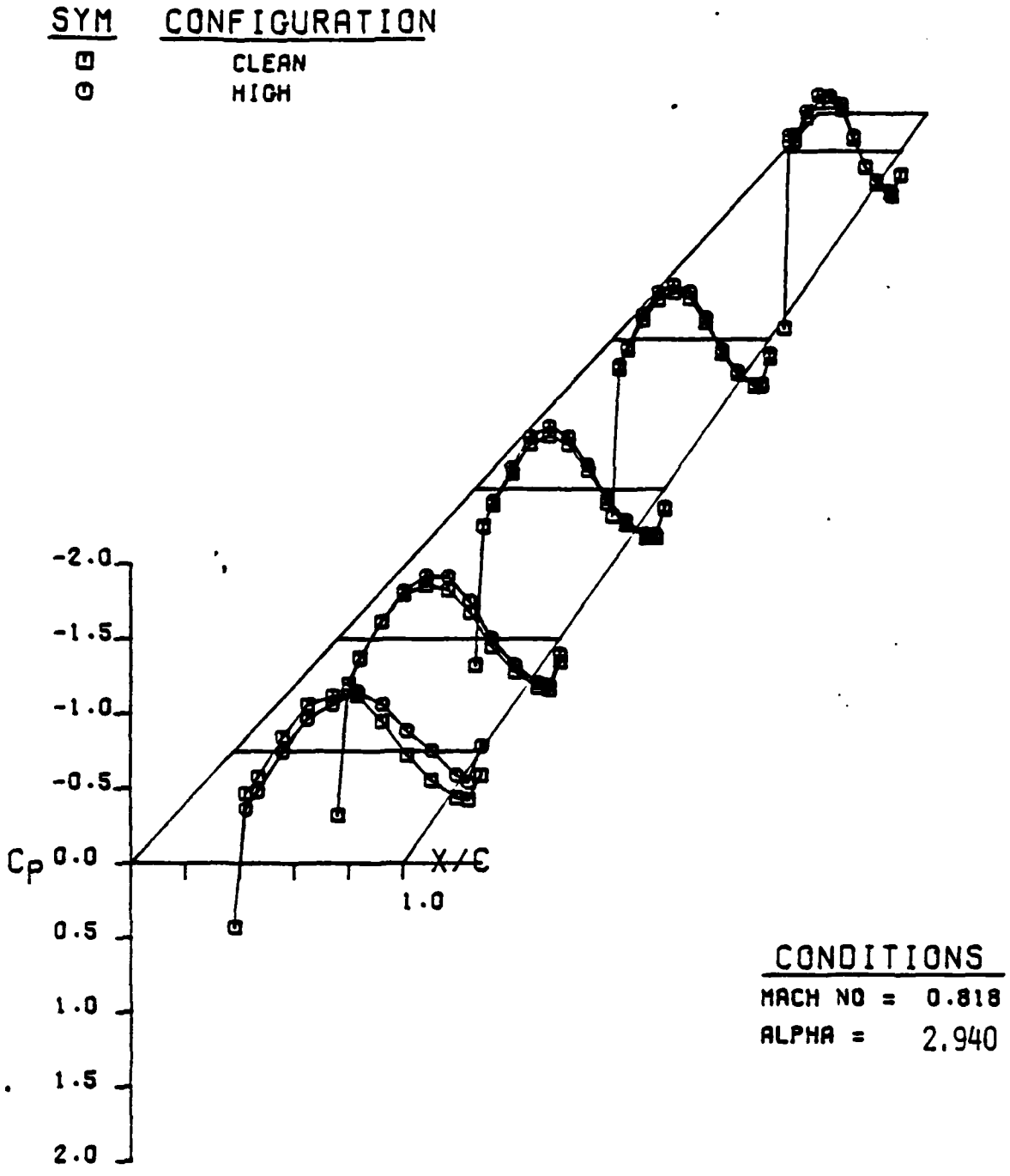
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS HIGH (UPR SURF ETA .50)
AFOSR SEMISPAN MODEL A



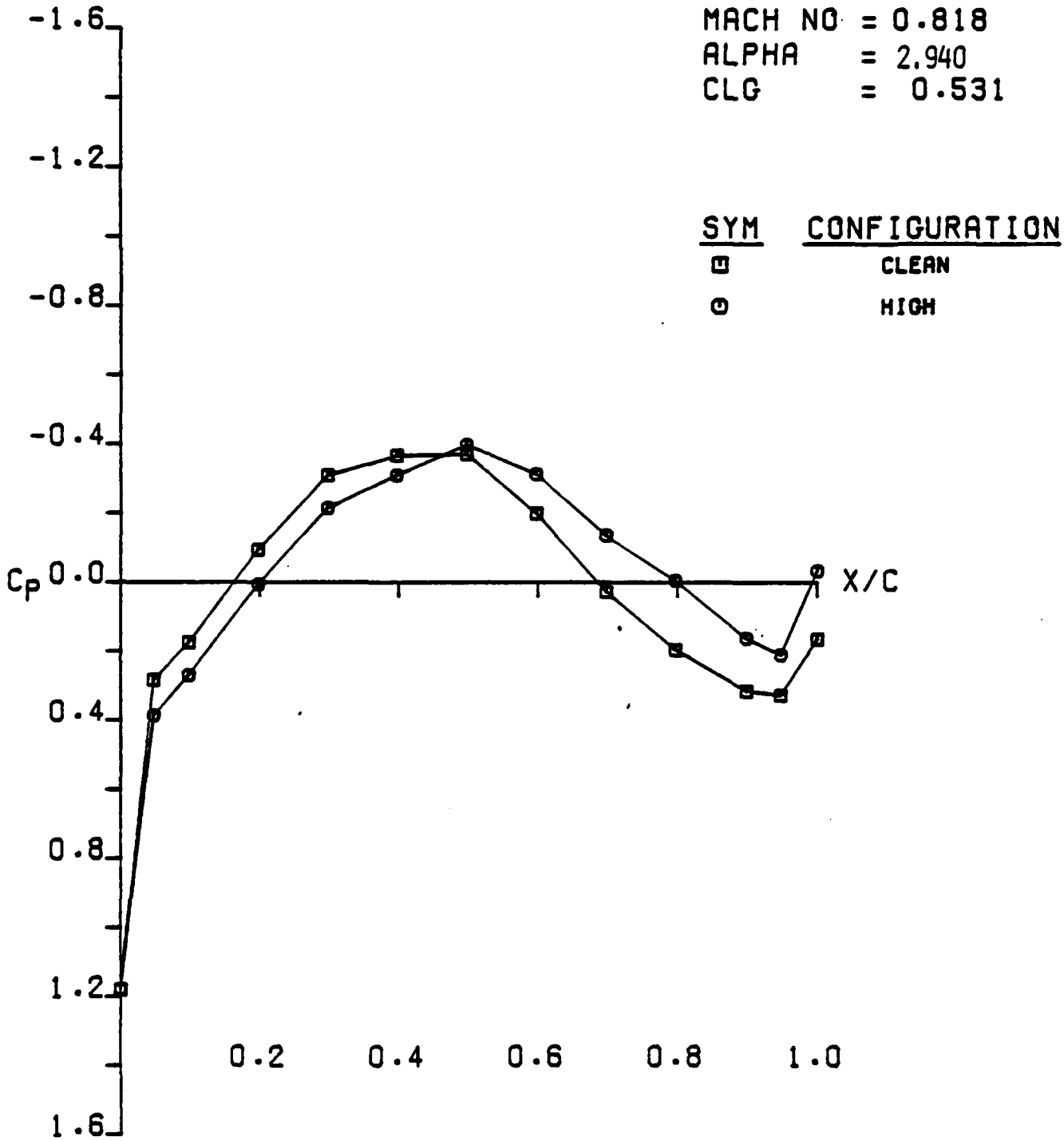
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS HIGH (UPR SURF ETA .70)
AFOSR SEMISPAN MODEL A



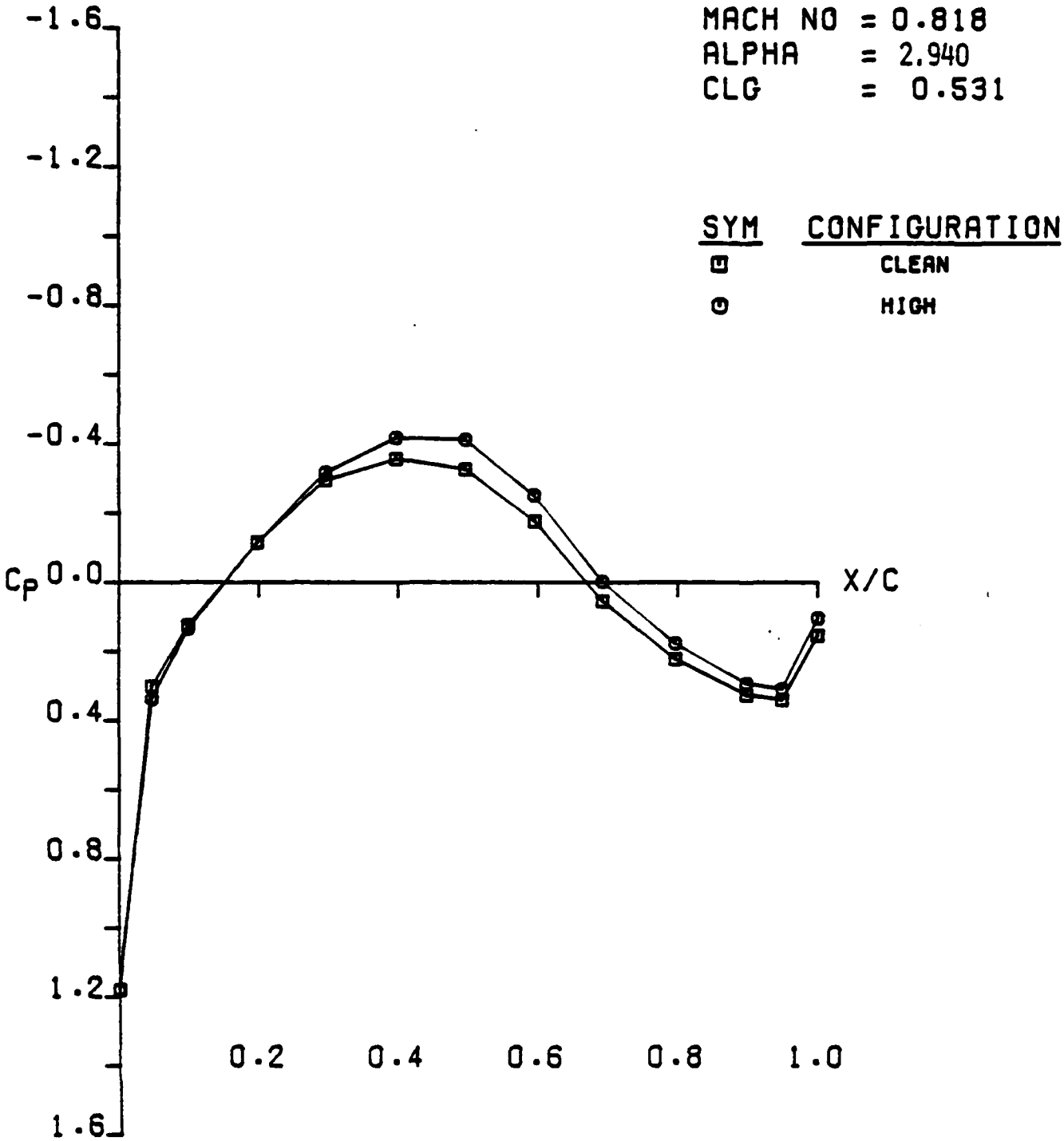
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS HIGH (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL A



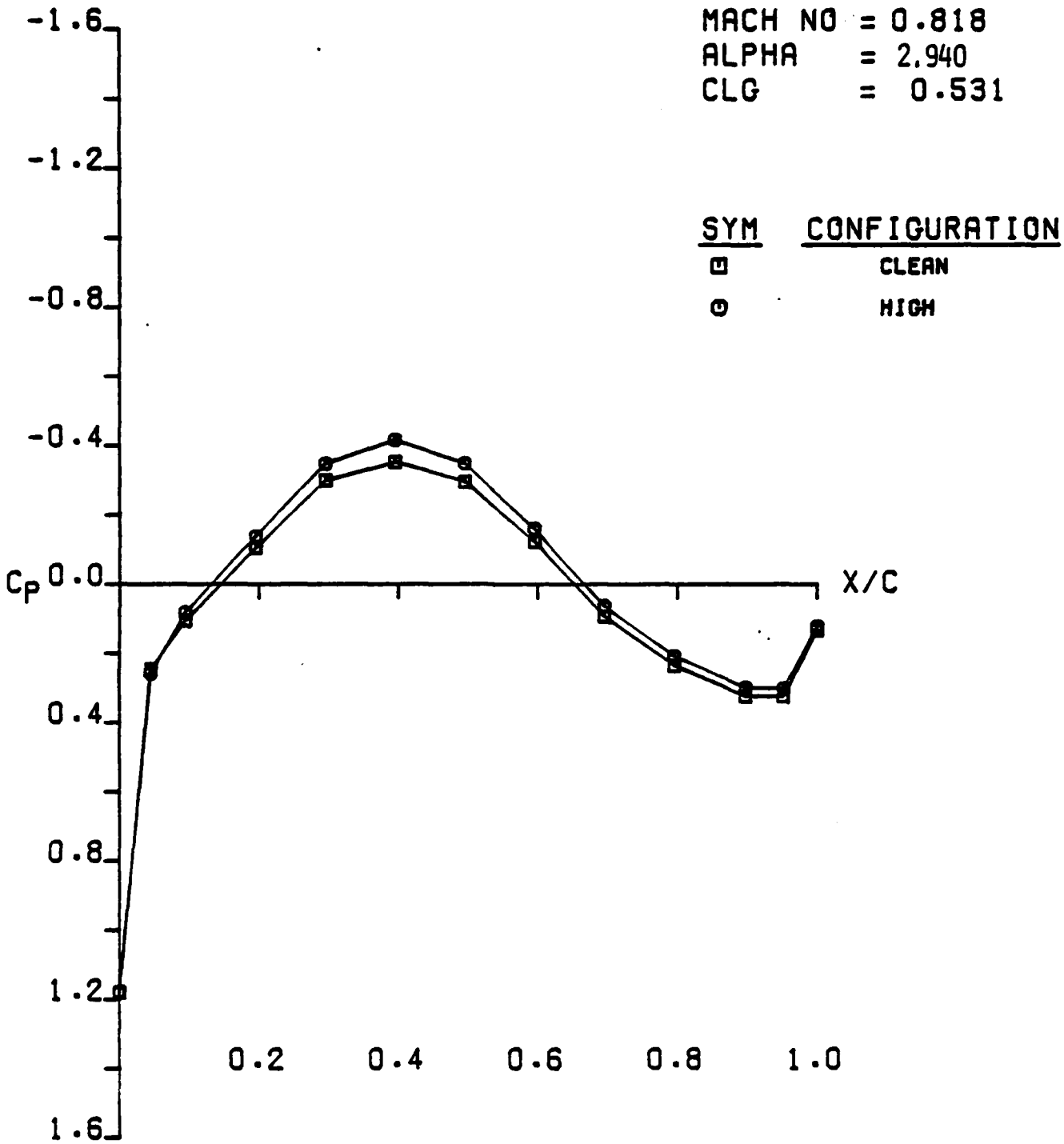
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS HIGH (LWR SURF)
AFOSR SEMISPAN MODEL A



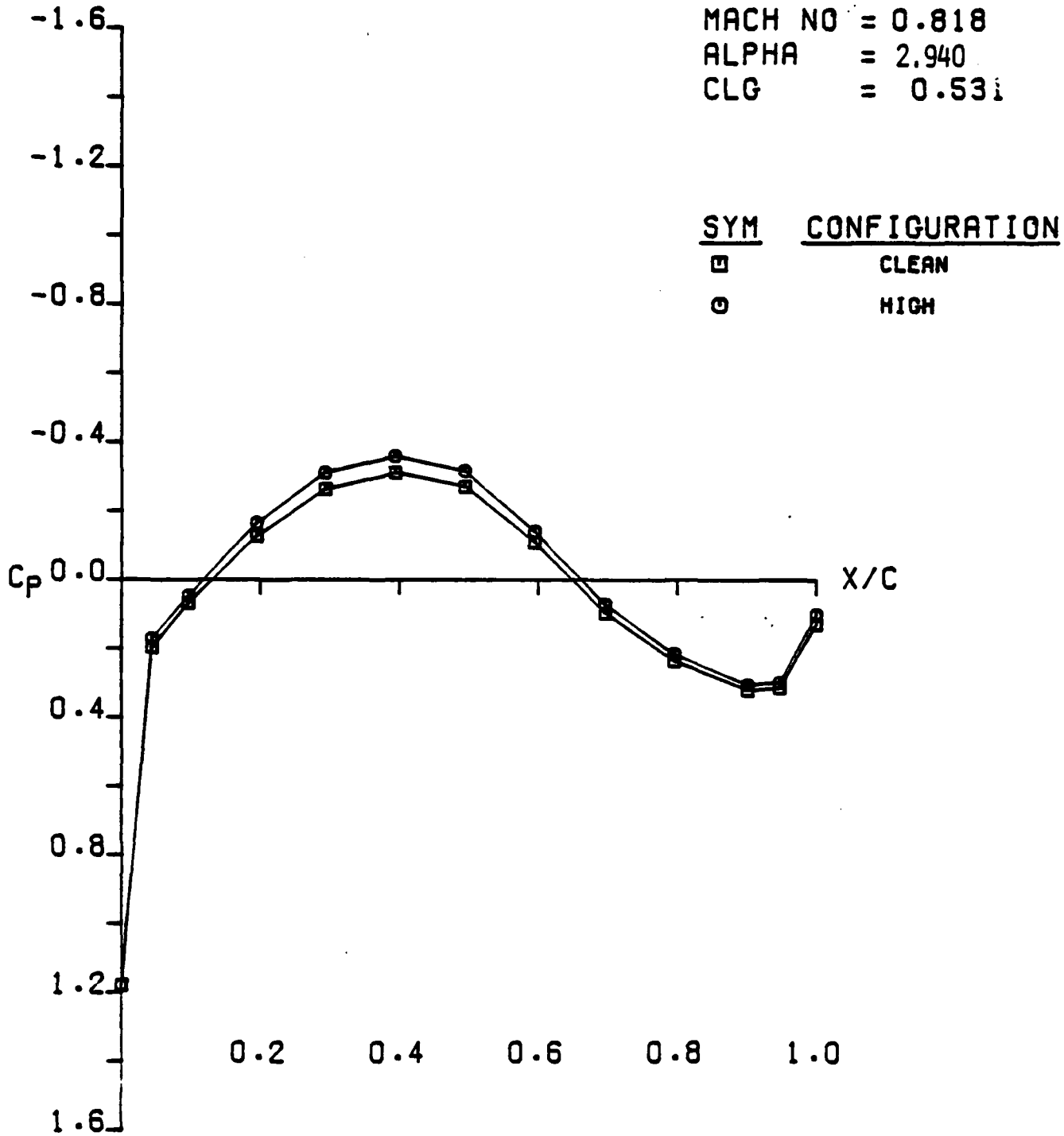
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS HIGH (LWR SURF ETA .15)
AFOSR SEMISPAN MODEL A



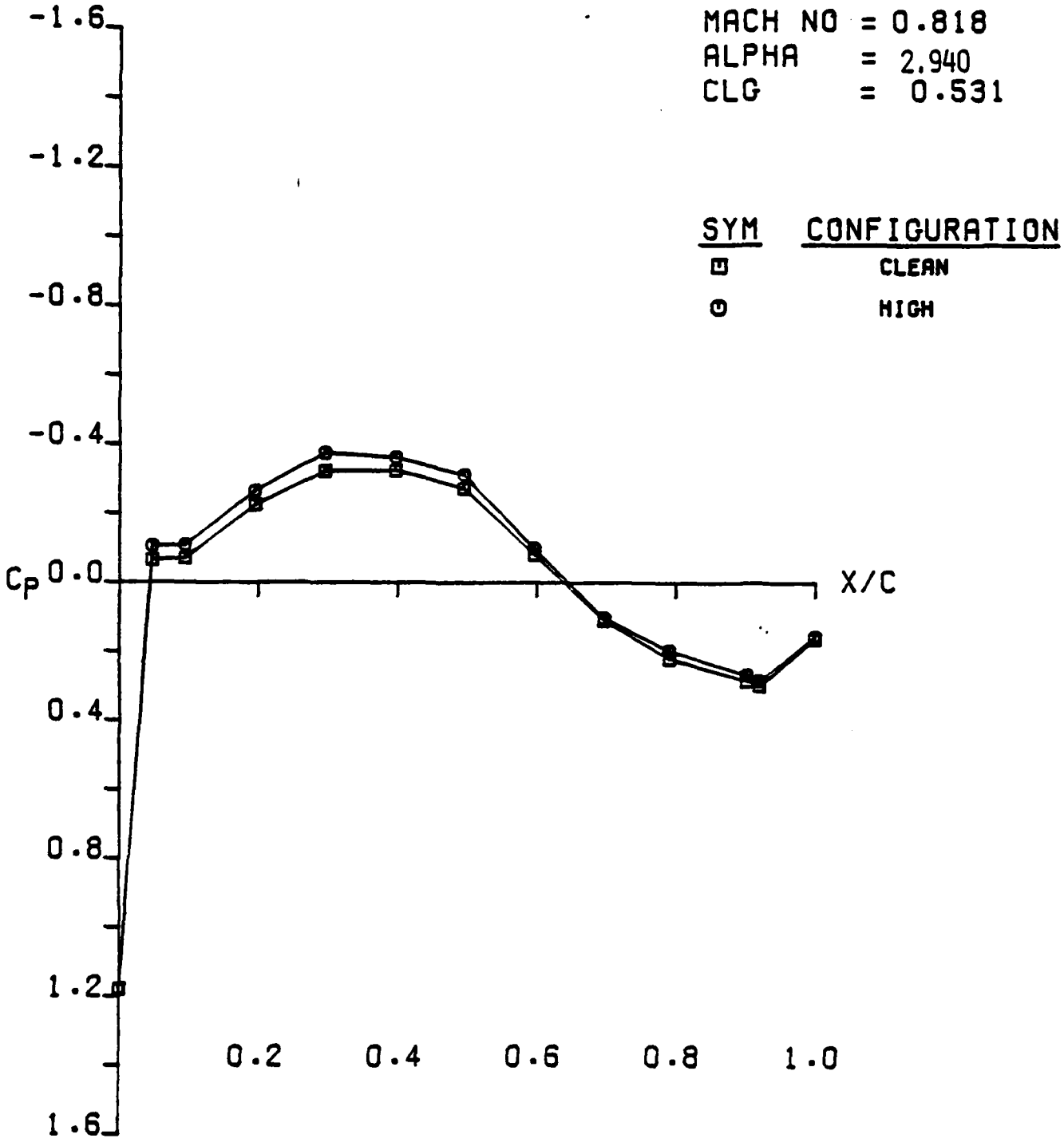
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS HIGH (LWR SURF ETA .30)
AFOSR SEMISPAN MODEL A



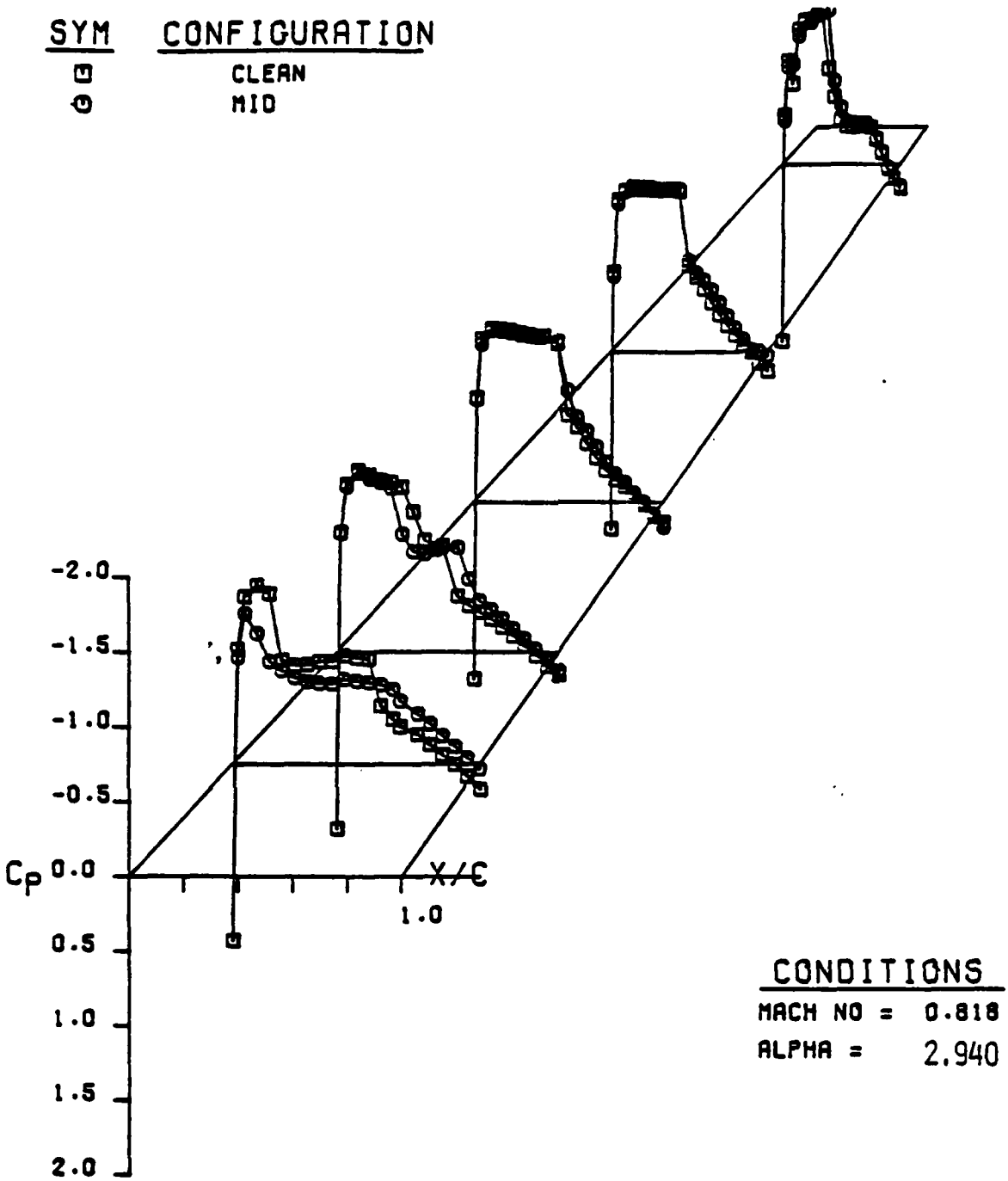
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS HIGH (LWR SURF ETA .50)
AFOSR SEMISPAN MODEL A



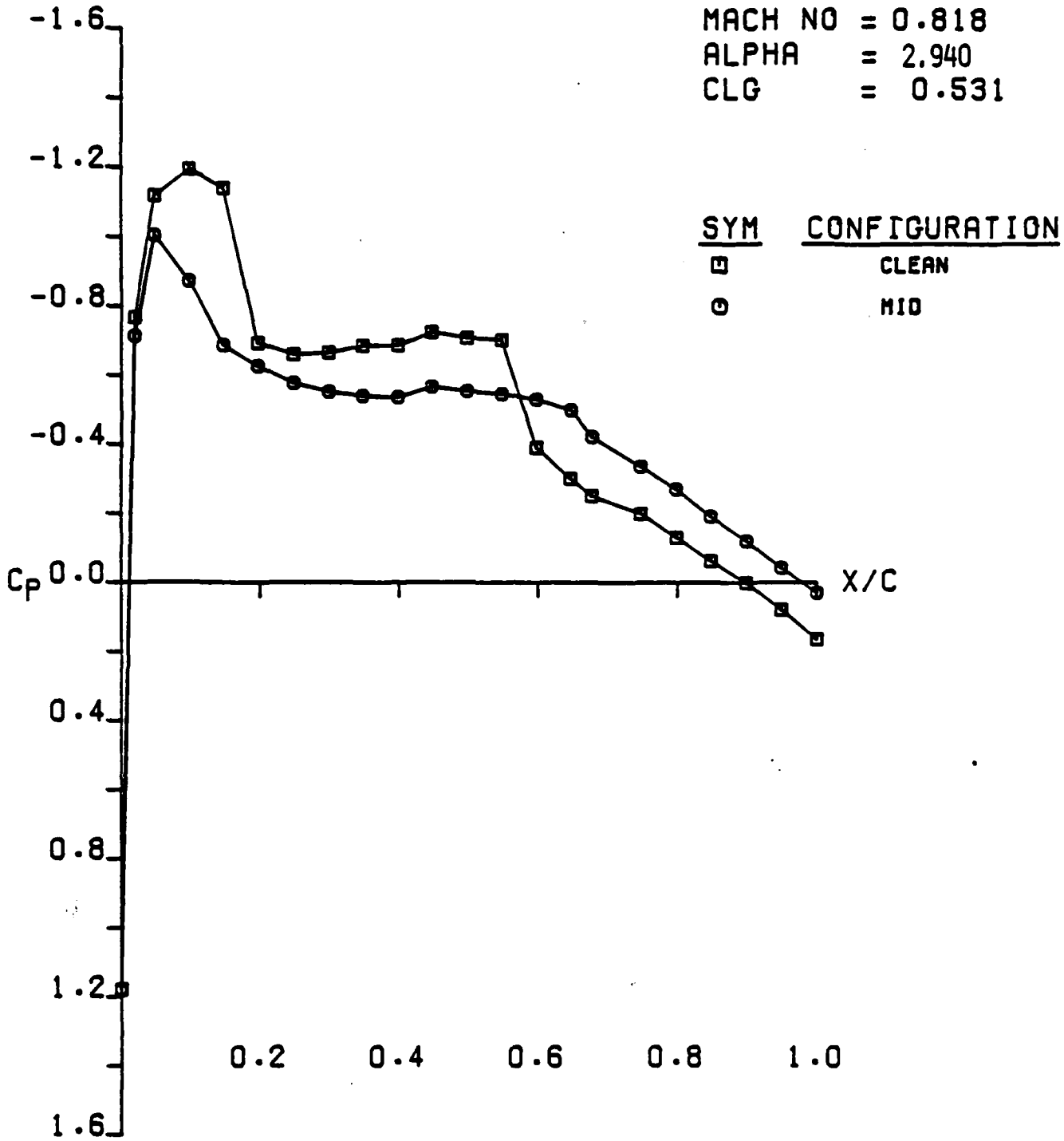
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS HIGH (LWR SURF ETA .70)
AFOSR SEMISPAN MODEL A



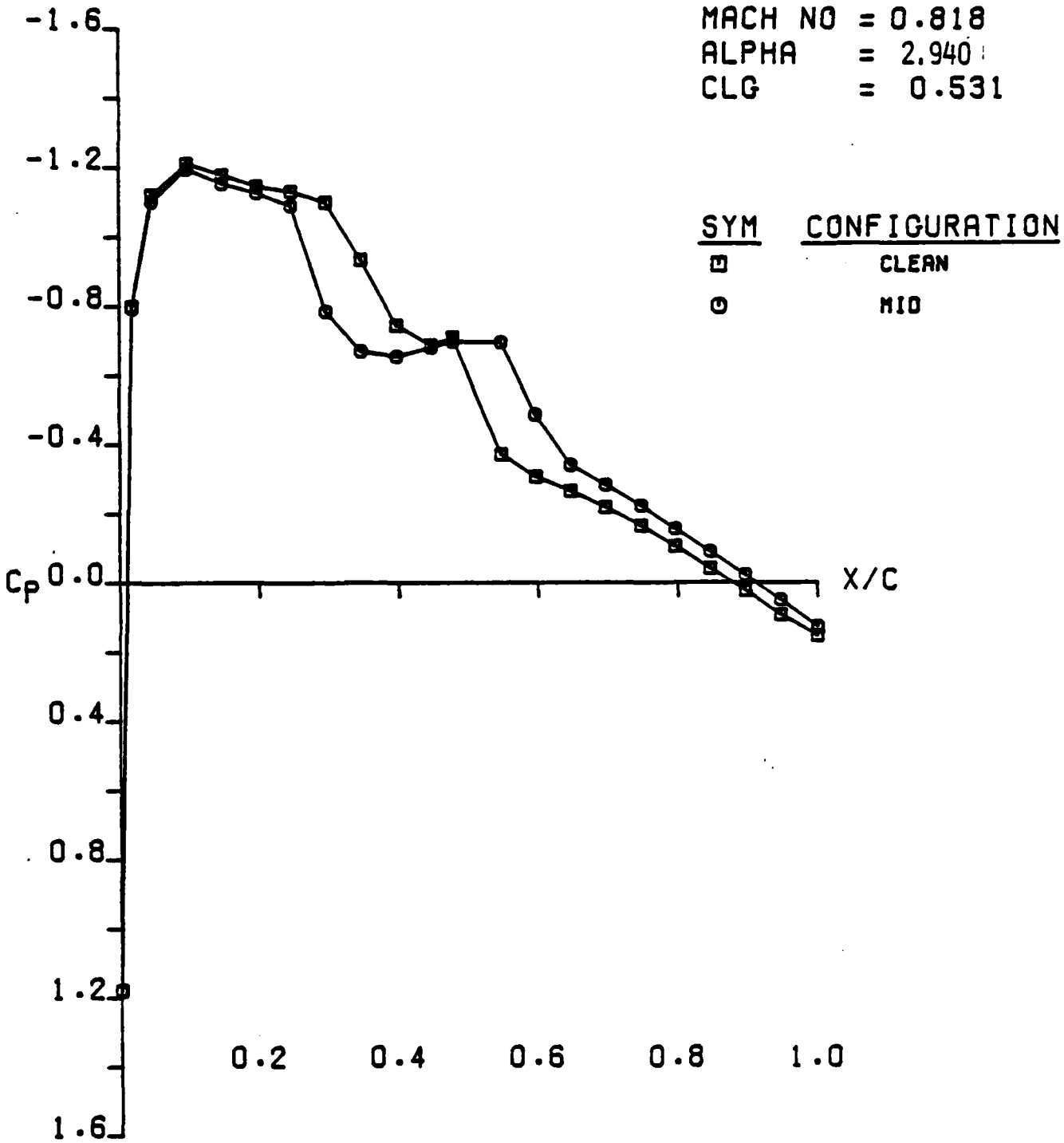
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS HIGH (LWR SURF ETA .95)
AFOSR SEMISPAN MODEL A



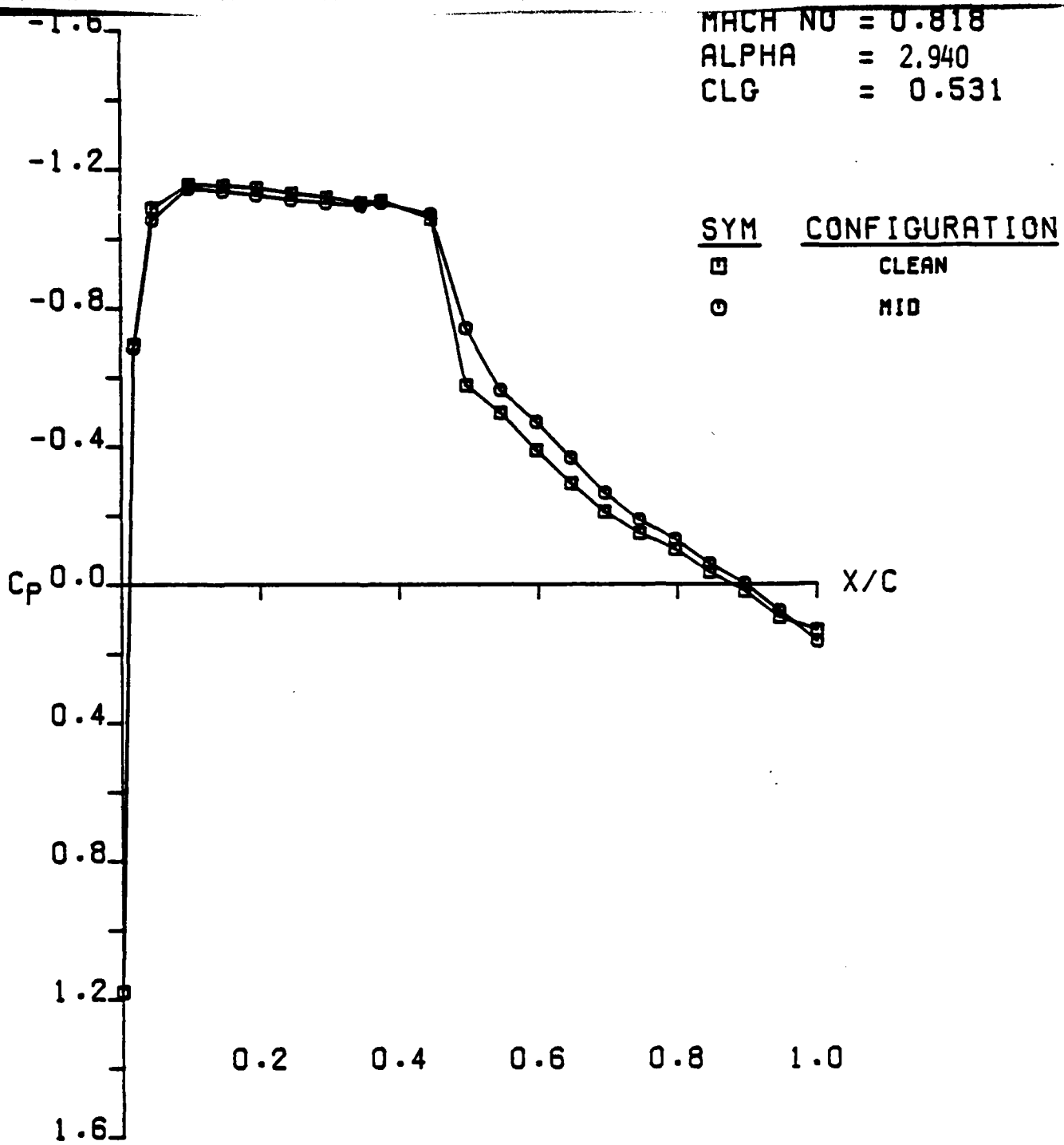
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS MID (UPR SURF)
AFOSR SEMISPAN MODEL A



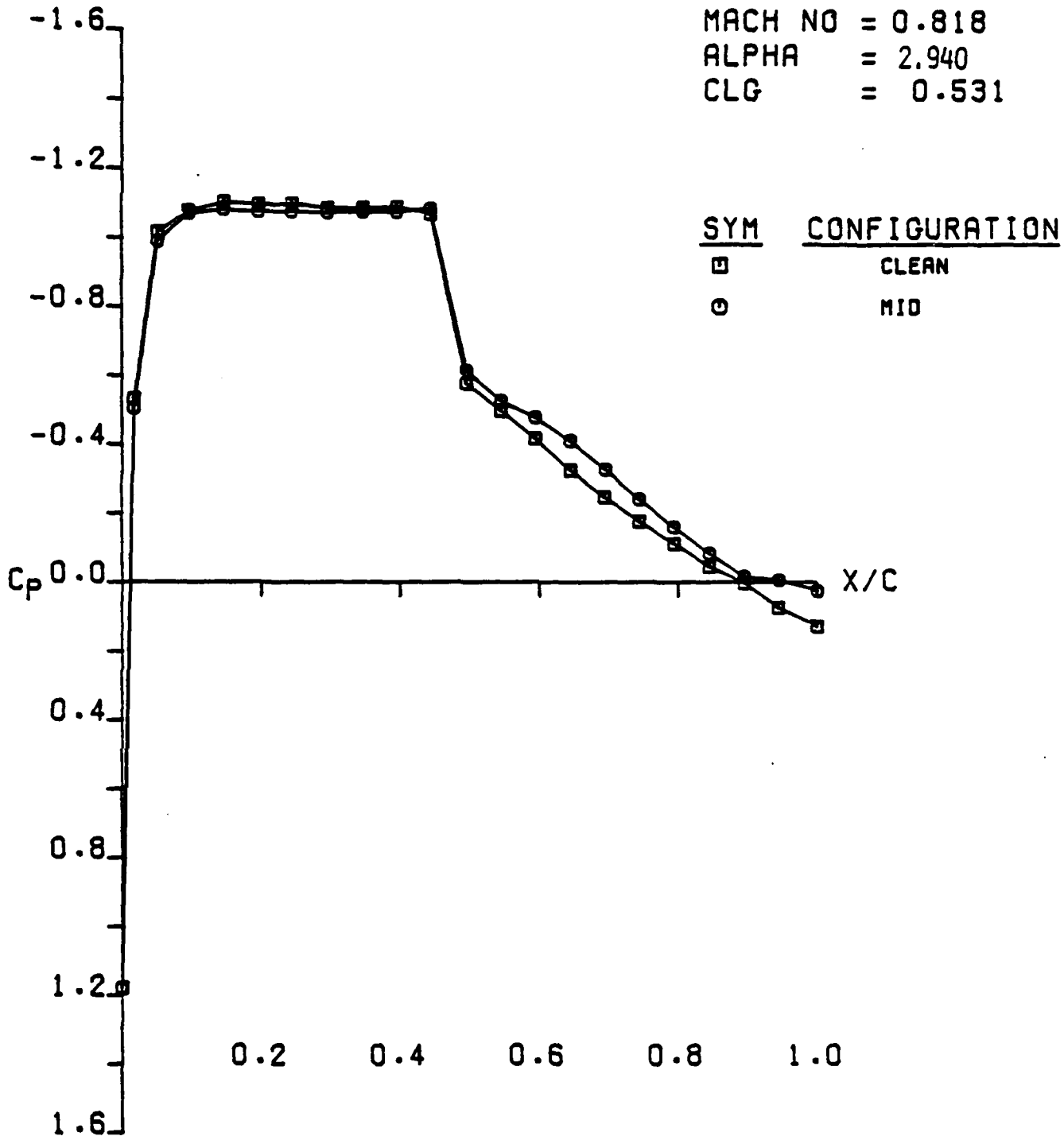
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS MID (UPR SURF ETA .15)
AFOSR SEMISPAN MODEL A



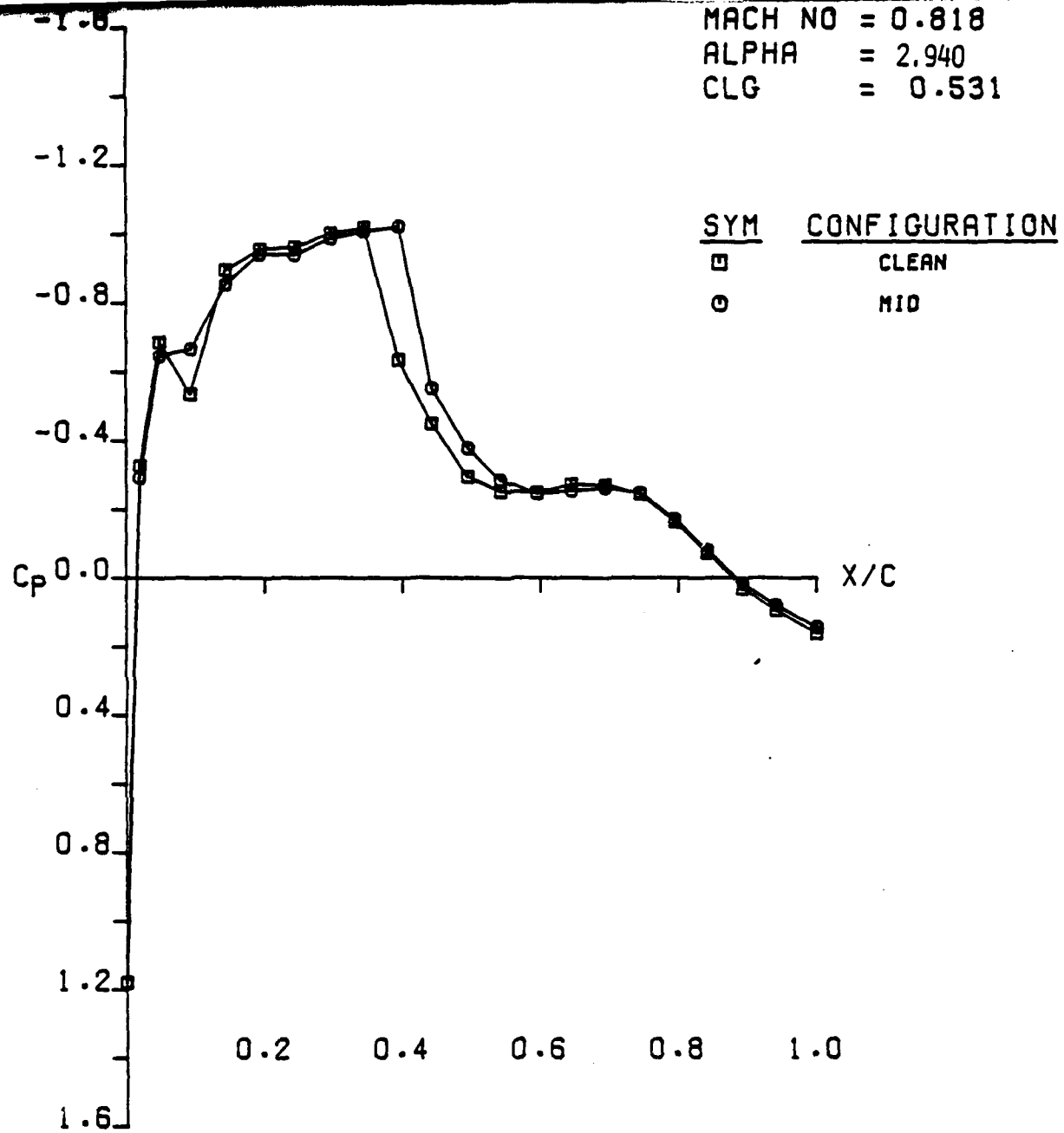
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS MID (UPR SURF ETA .30)
AFOSR SEMISPAN MODEL A



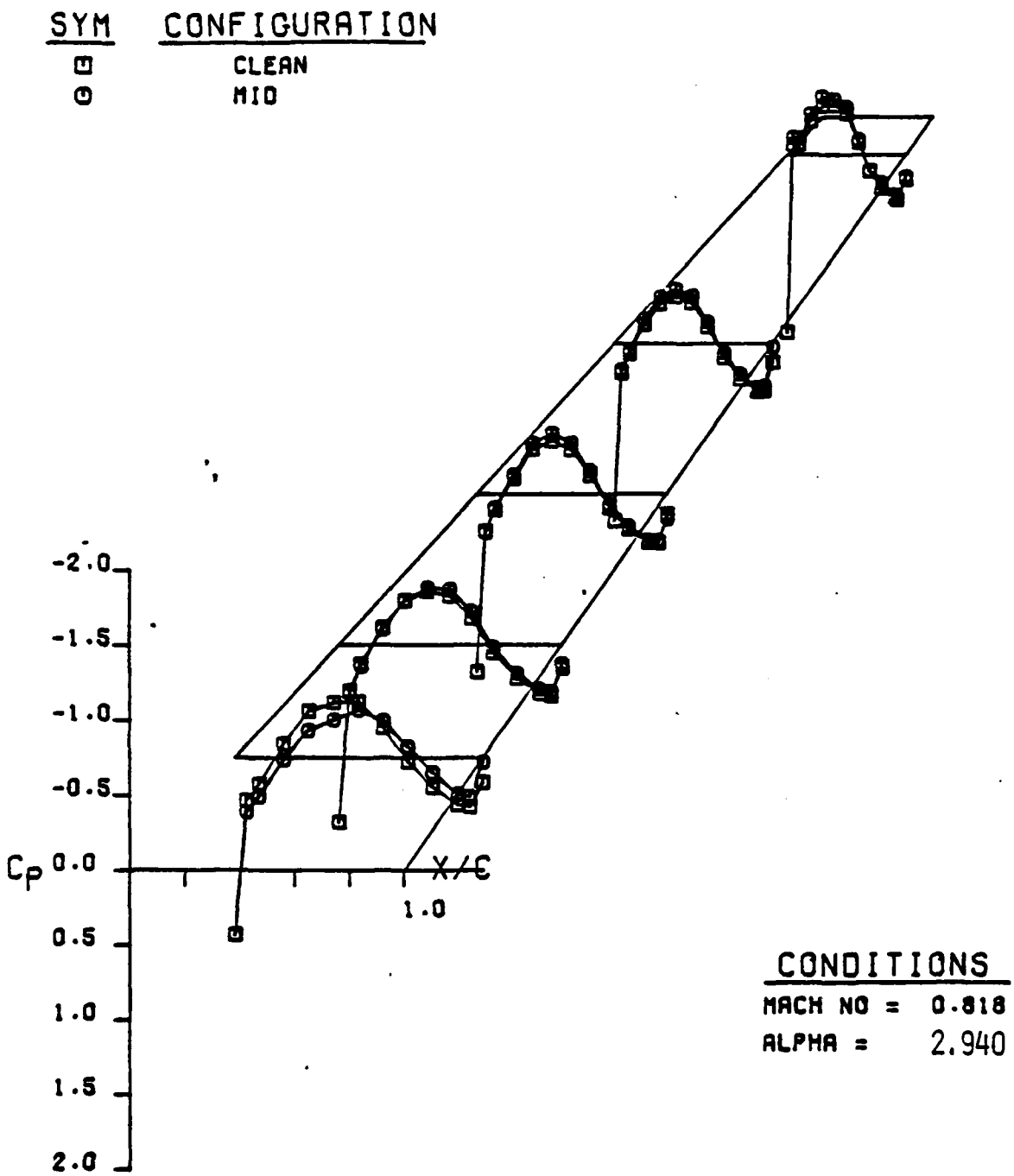
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS MID (UPR SURF ETA .50)
AFOSR SEMISPAN MODEL A



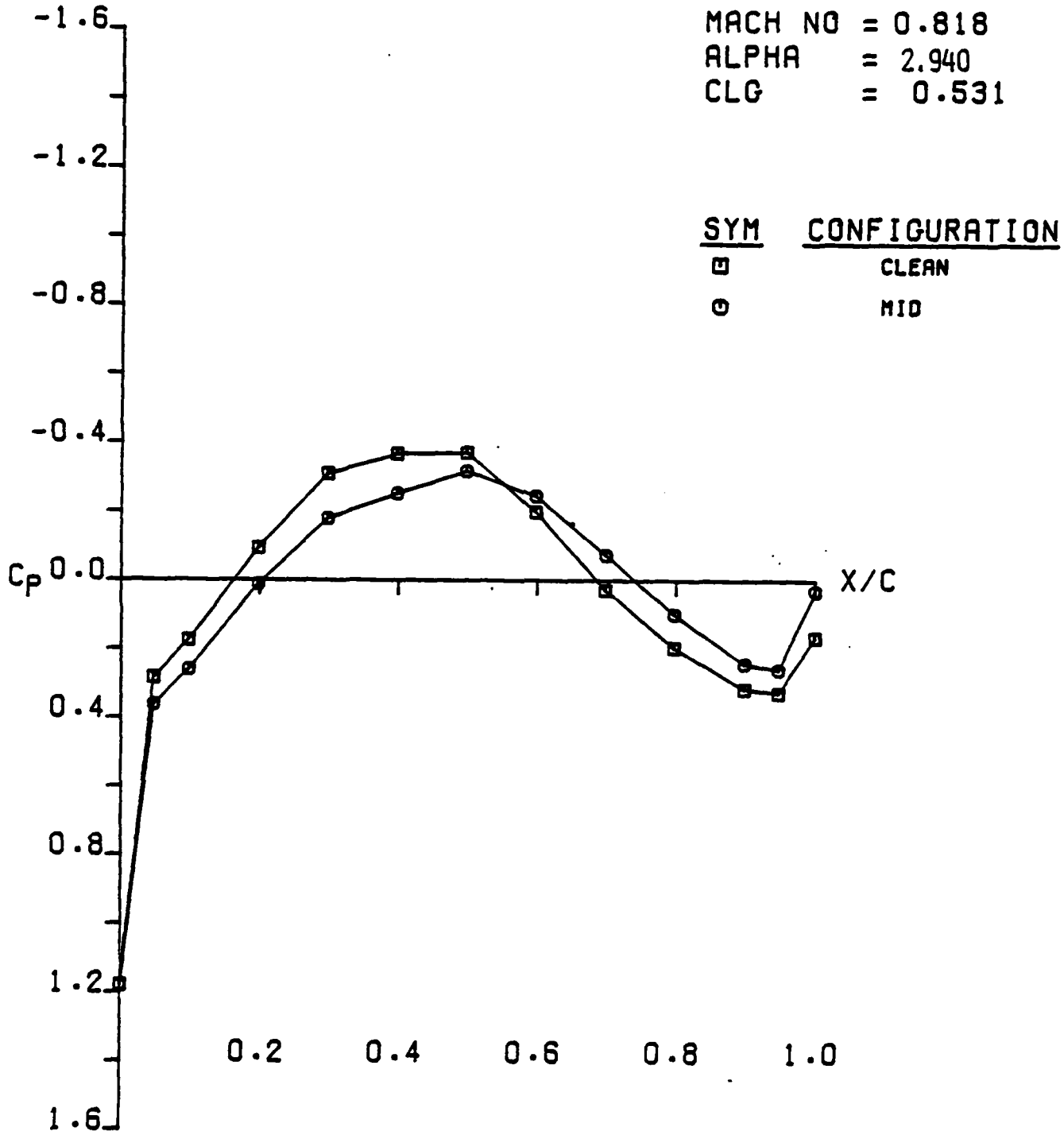
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS MID (UPR SURF ETA .70)
AFOSR SEMISPAN MODEL A



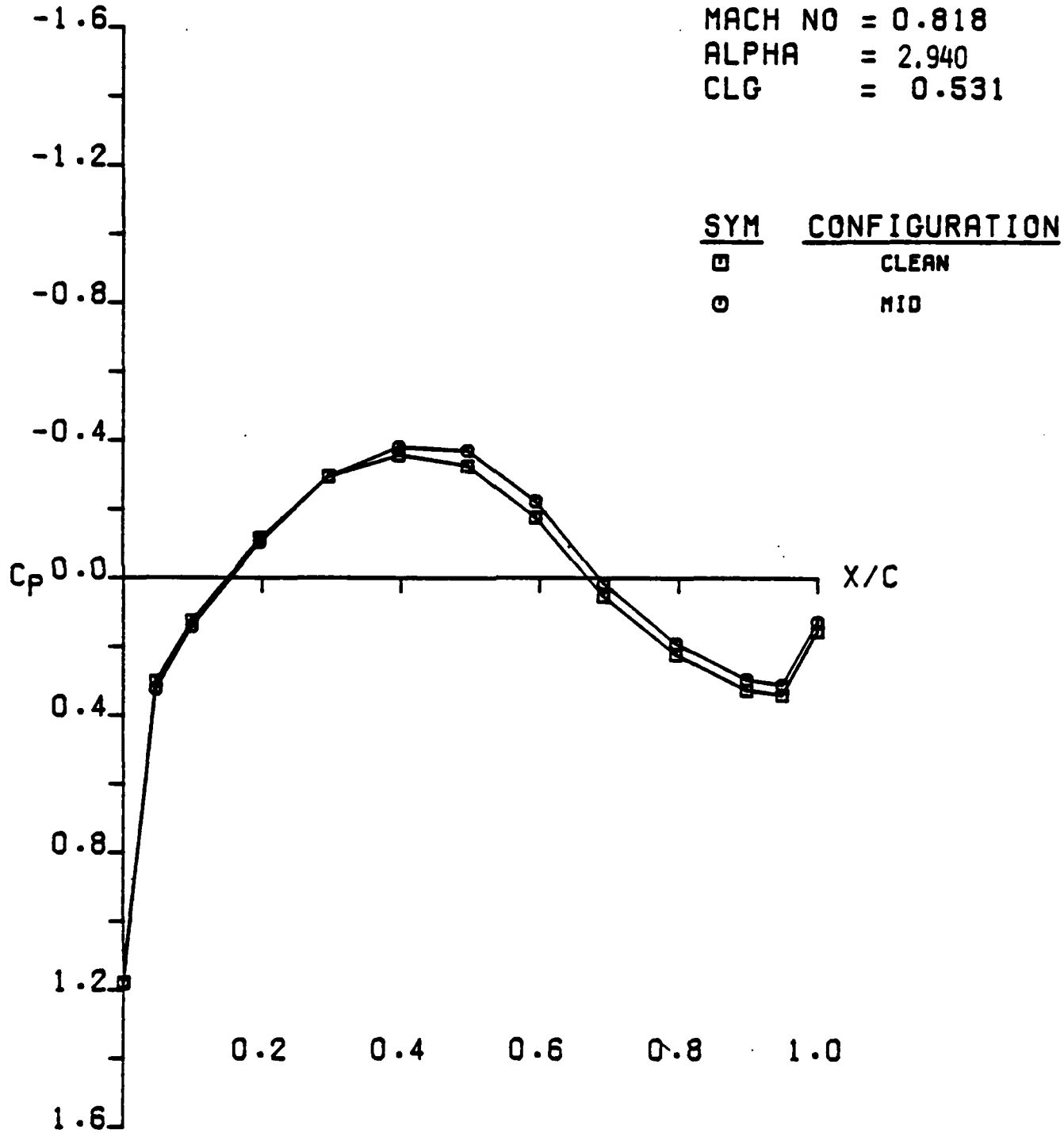
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS MID (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL A



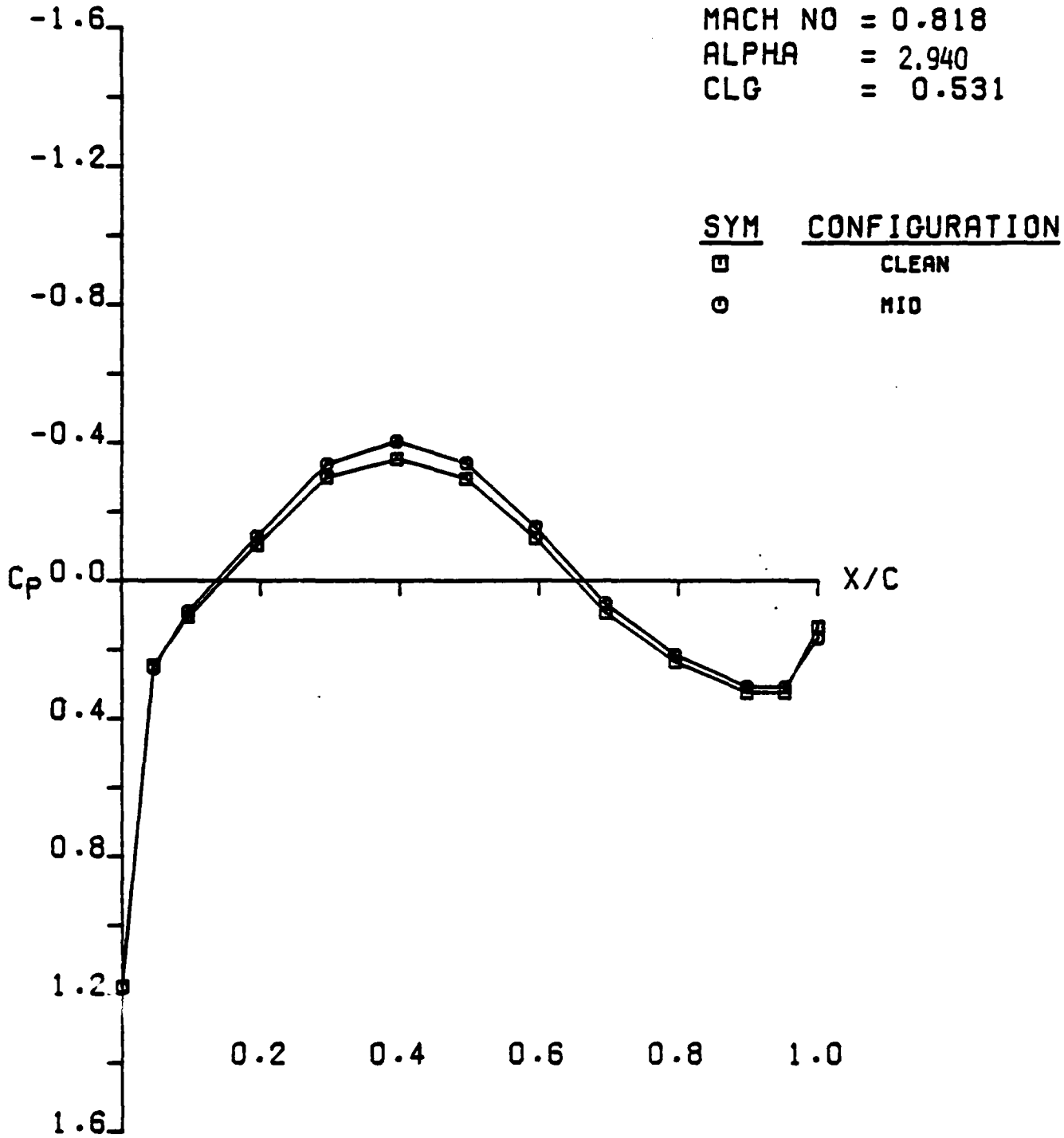
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS MID (LWR SURF)
AFOSR SEMISPAN MODEL A



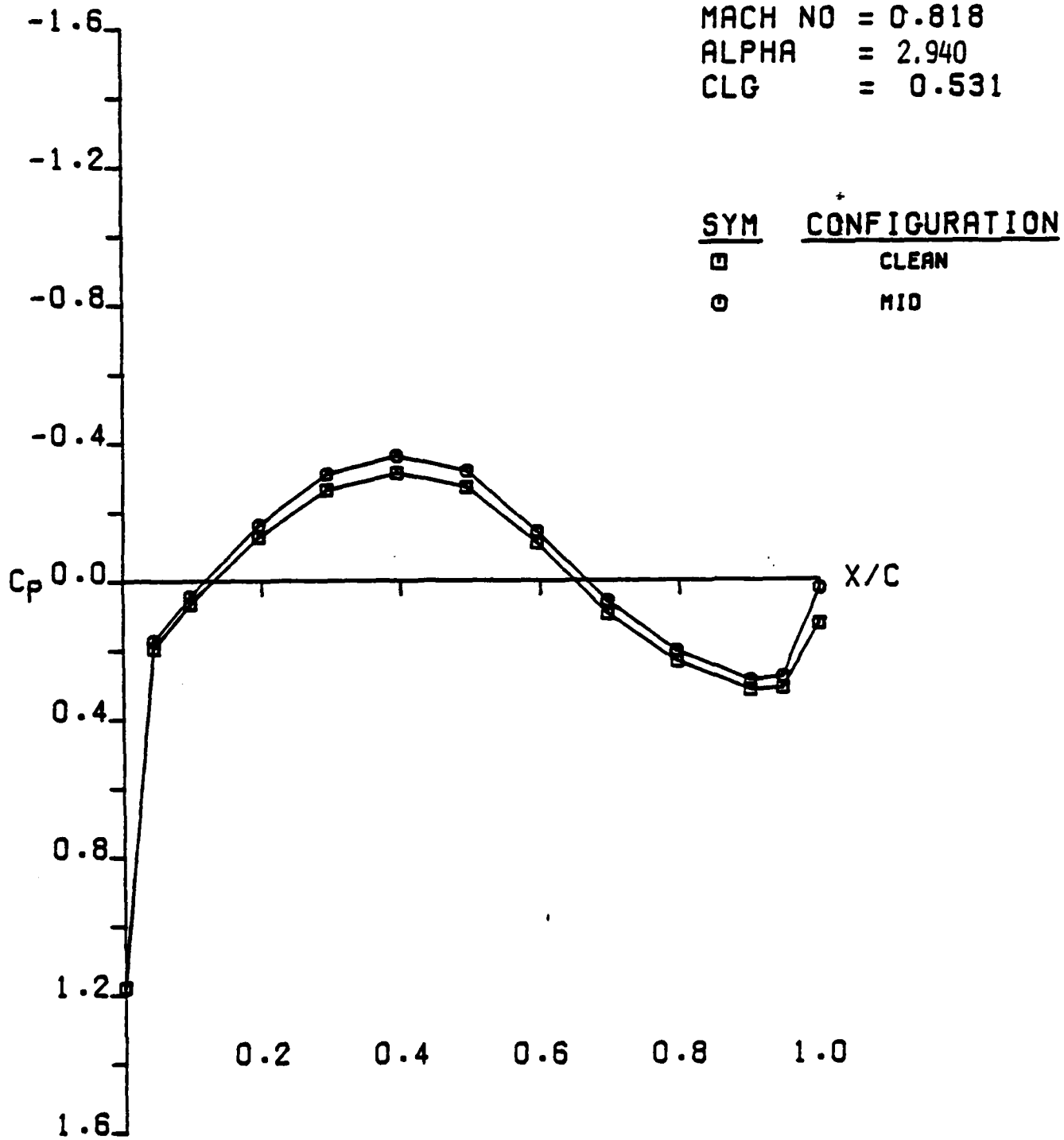
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS MID (LWR SURF ETA .15)
AFOSR SEMISPAN MODEL A



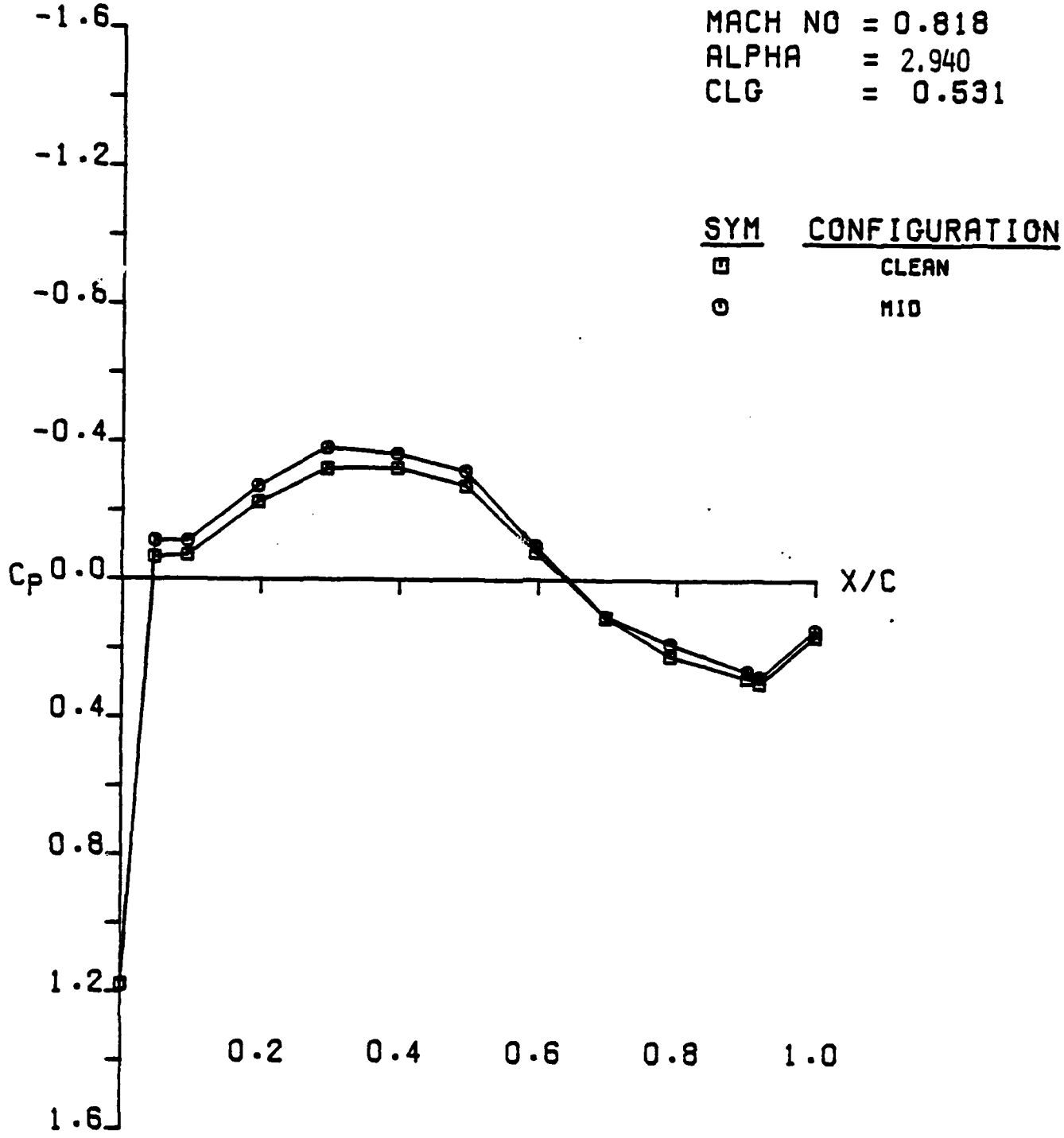
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS MID (LWR SURF ETA .30)
AFOSR SEMISPAN MODEL A



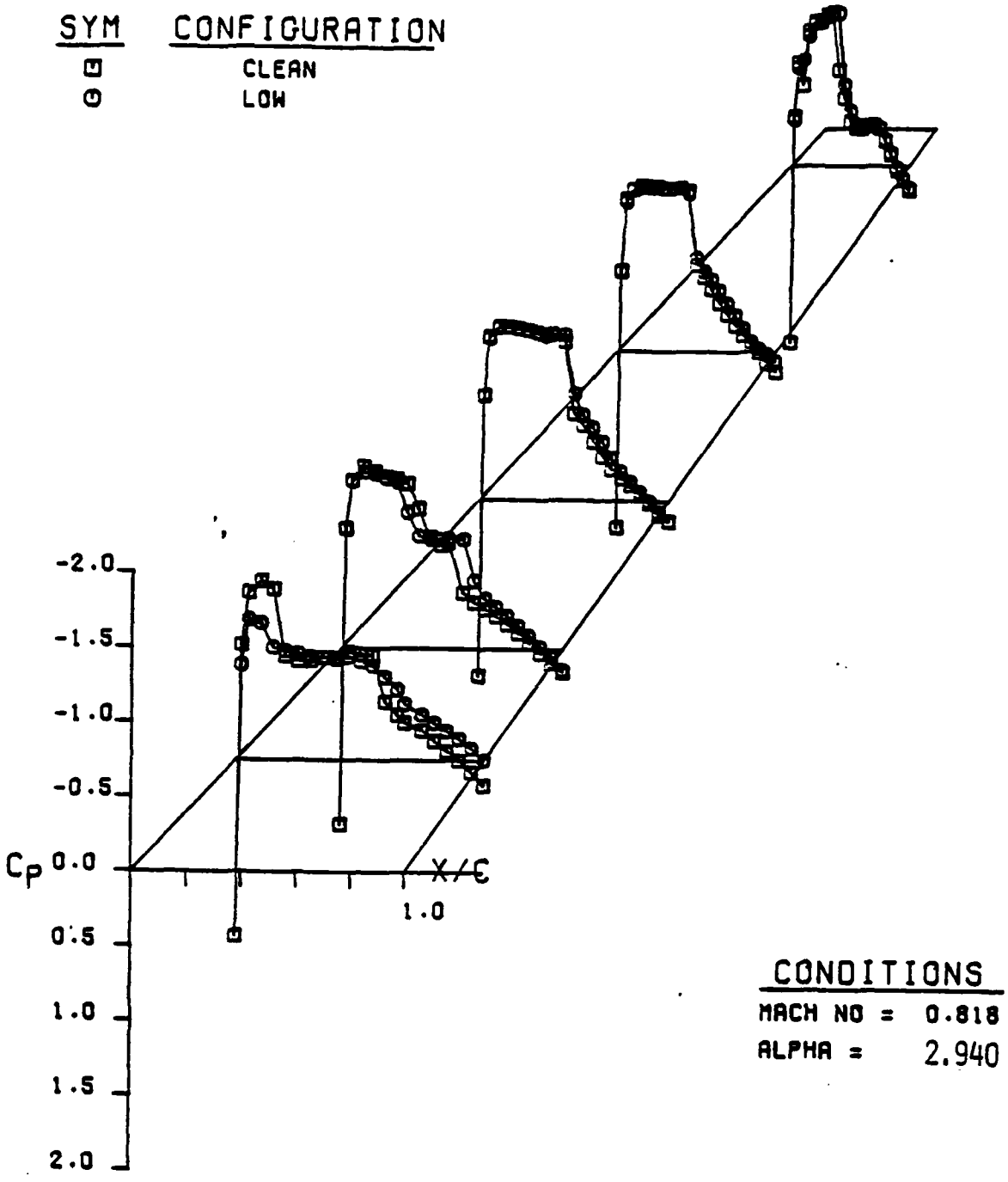
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS MID (LWR SURF ETA .50)
AFOSR SEMISPAN MODEL A



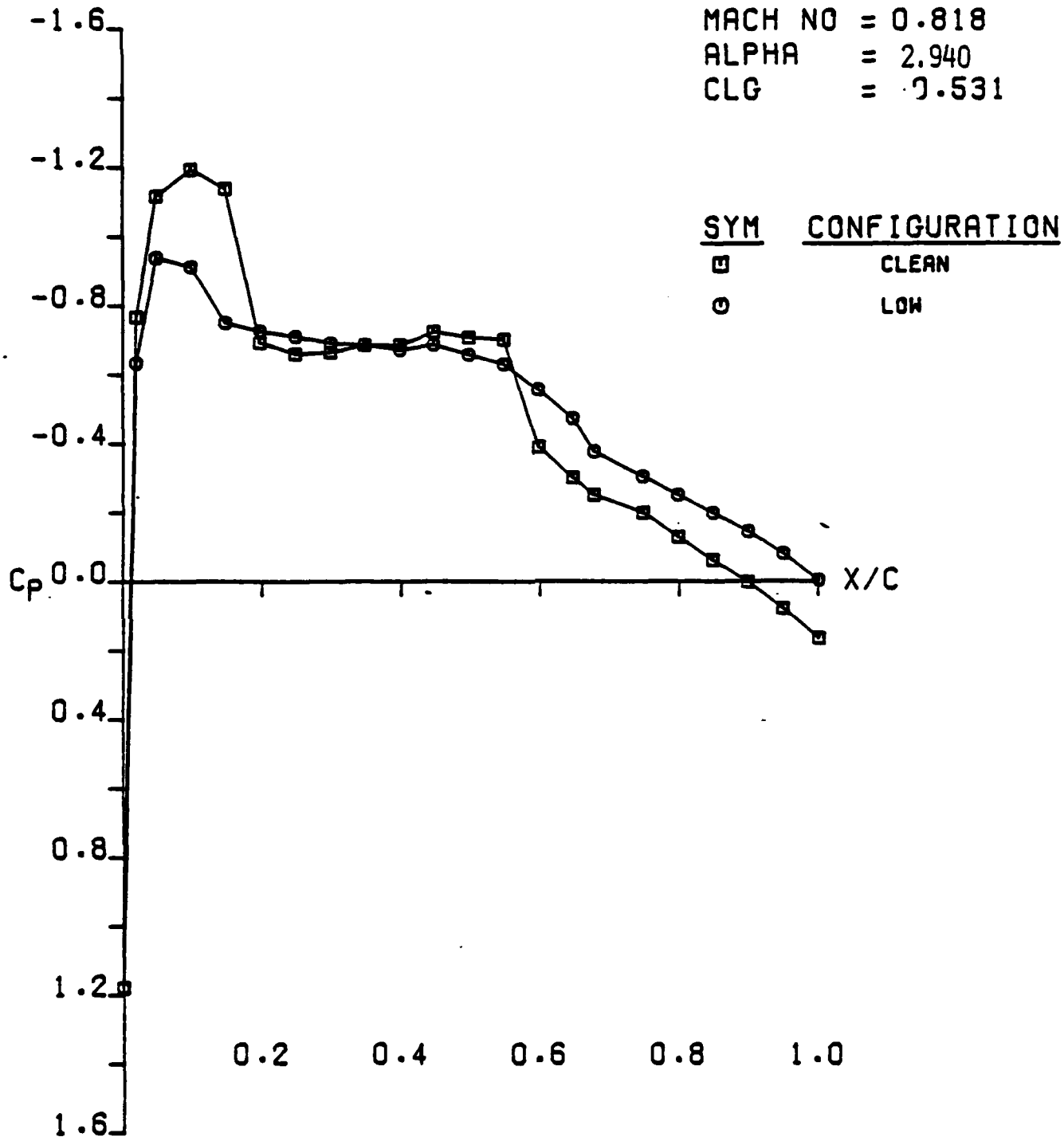
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS MID (LWR SURF ETA .70)
AFOSR SEMISPAN MODEL A



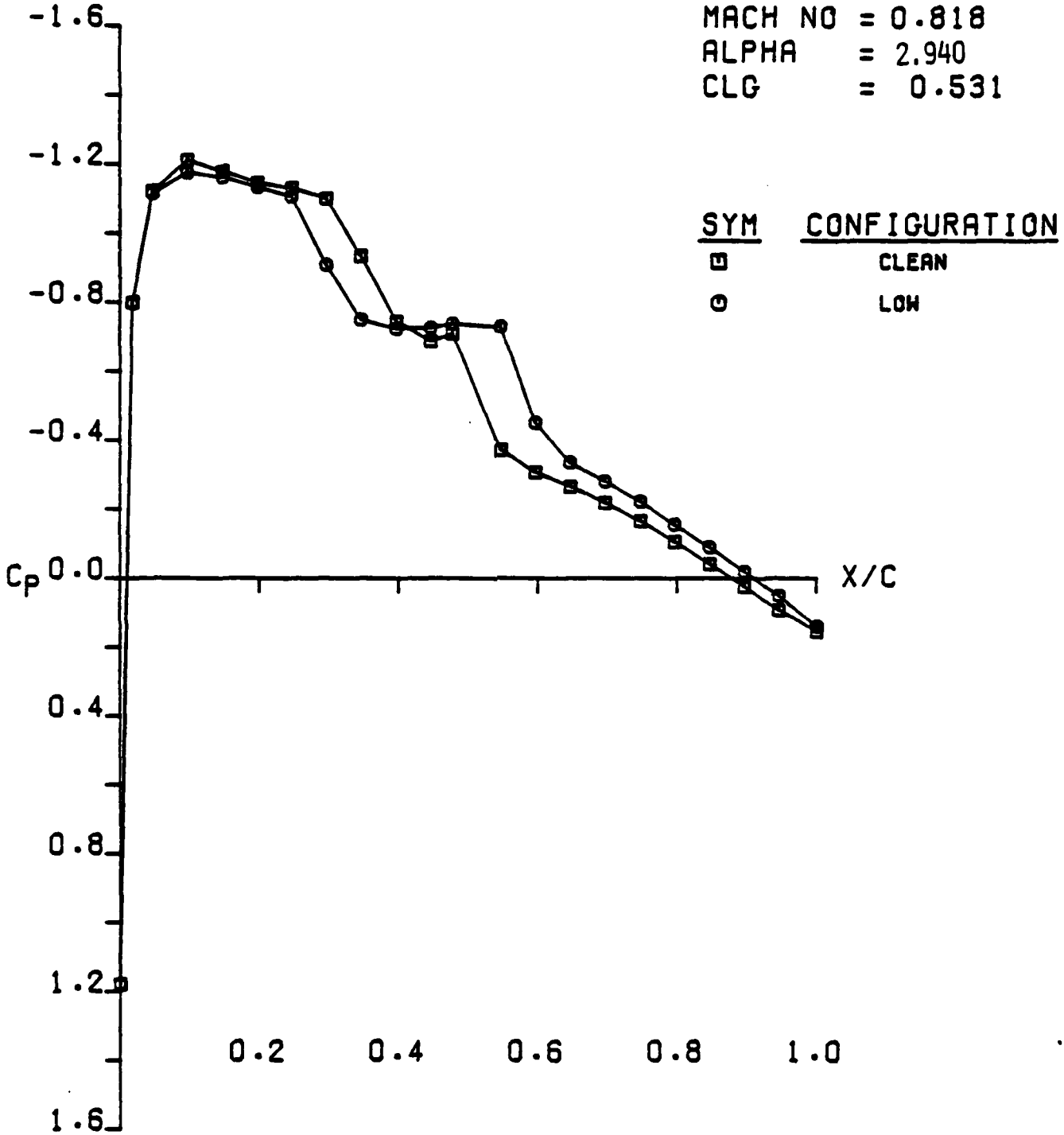
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS MID (LWR SURF ETA .95)
AFOSR SEMISPAN MODEL A



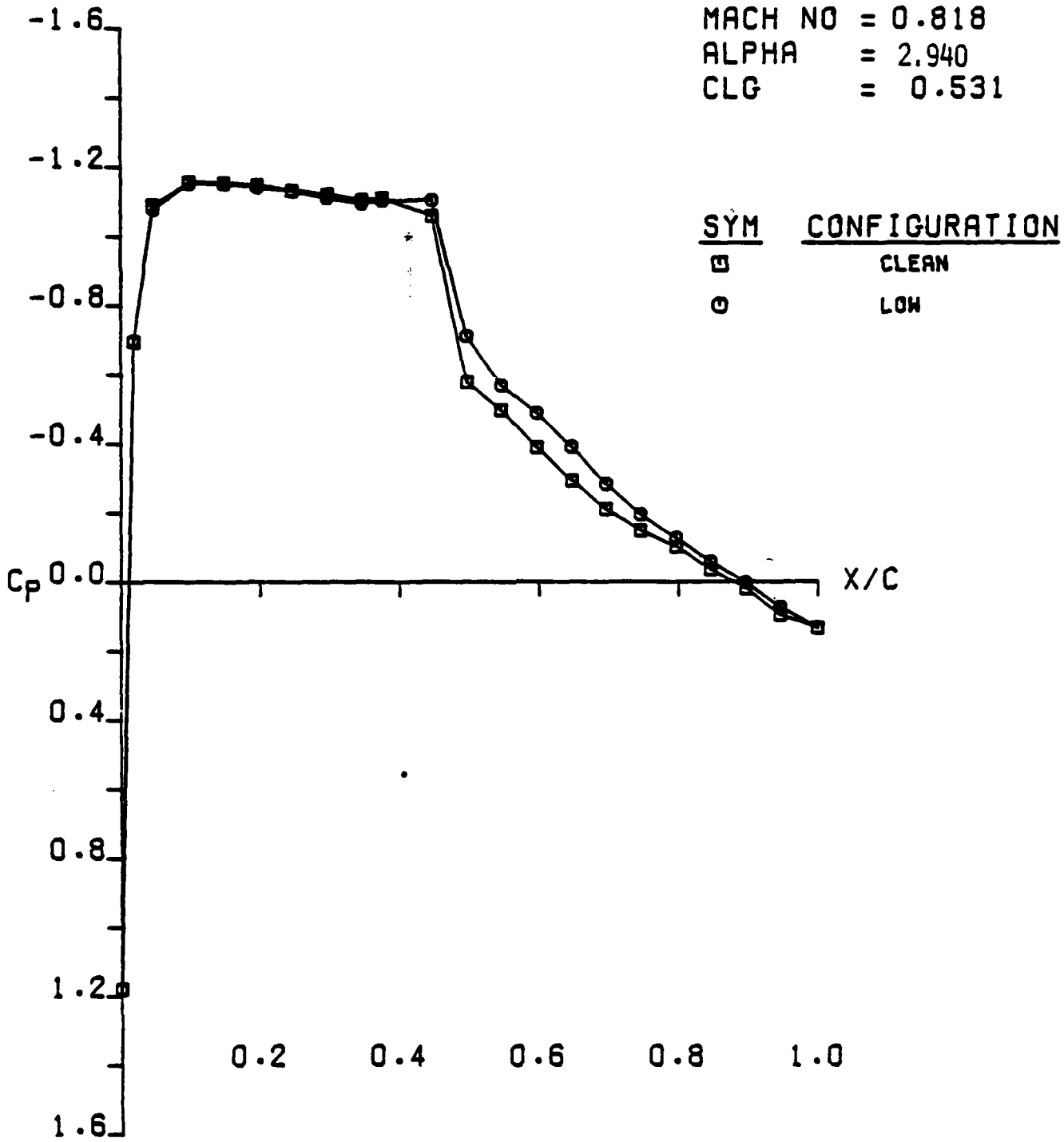
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS LOW (UPR SURF)
AFOSR SEMISPAN MODEL A



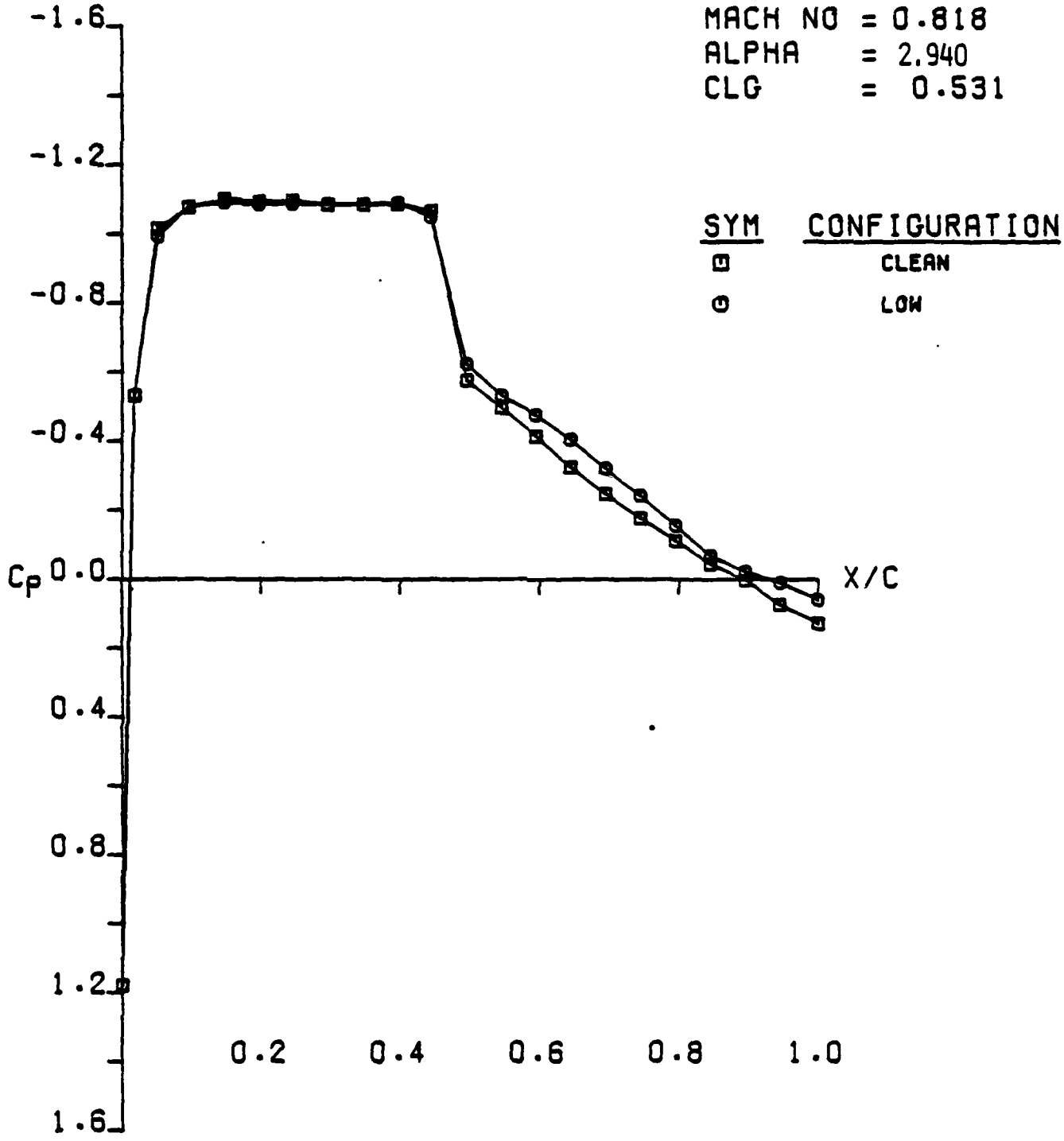
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS LOW (UPR SURF ETA .15)
AFOSR SEMISPAN MODEL A



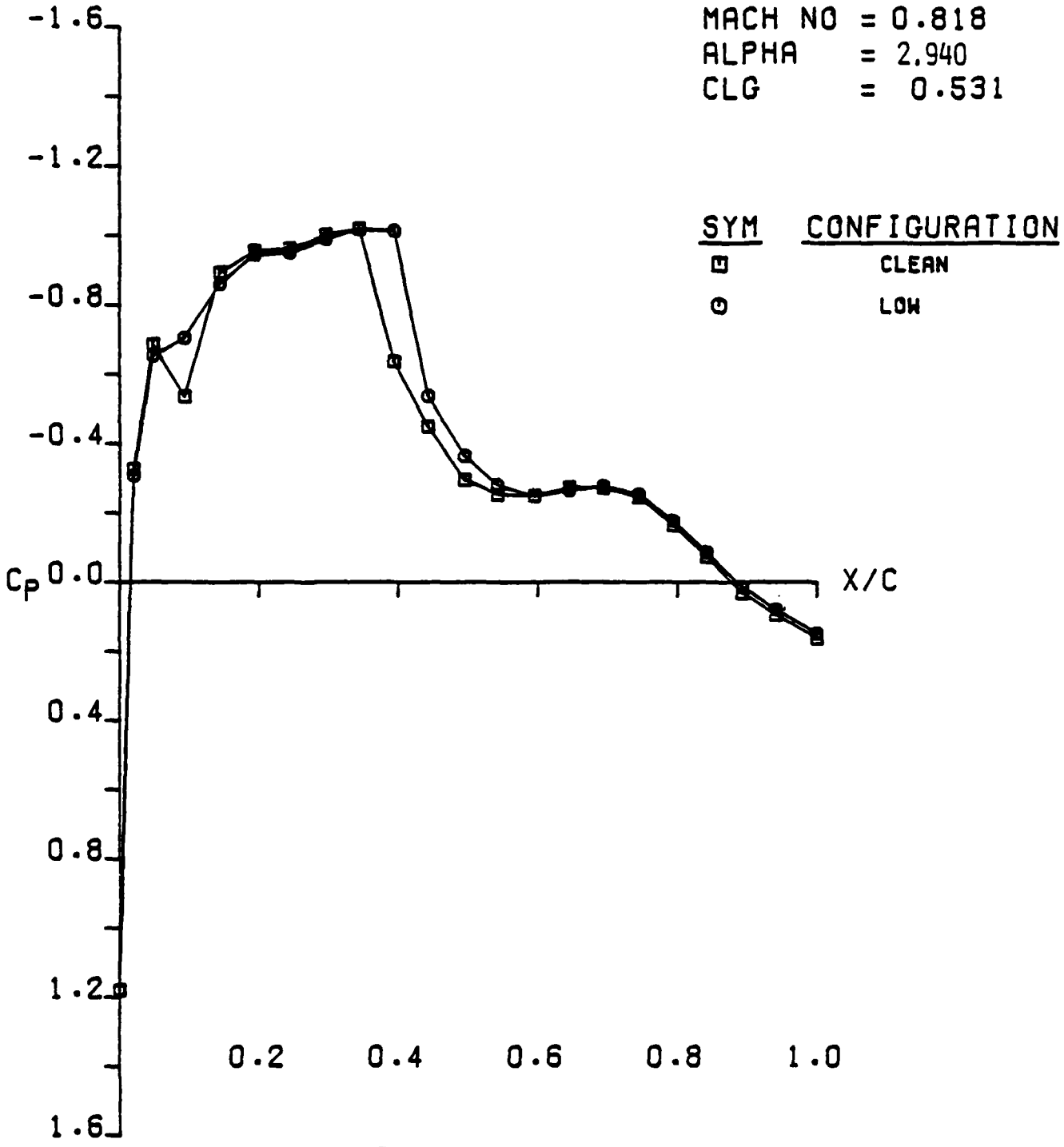
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS LOW (UPR SURF ETA .30)
AFOSR SEMISPAN MODEL A



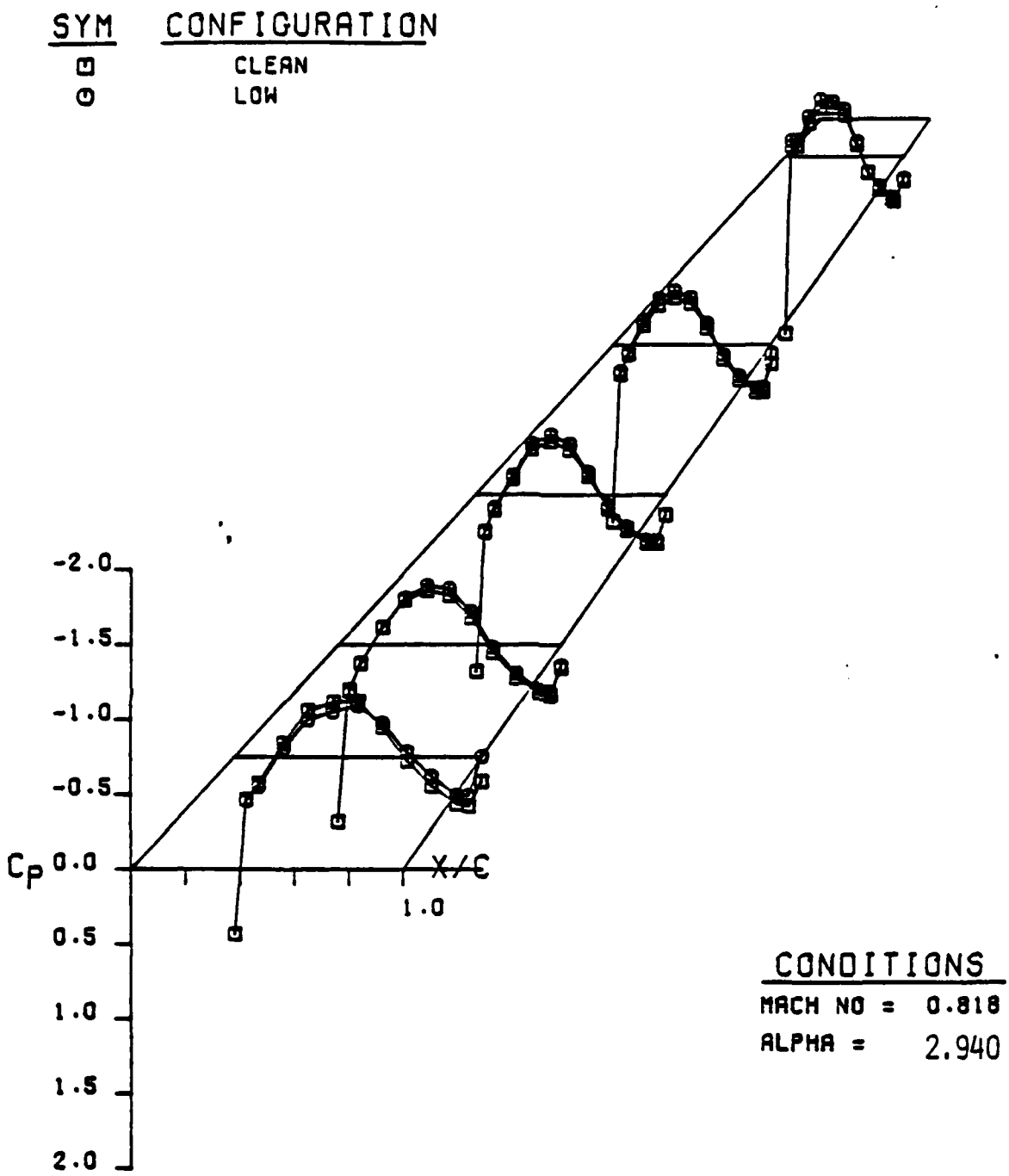
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS LOW (UPR SURF ETA .50)
AFOSR SEMISPAN MODEL A



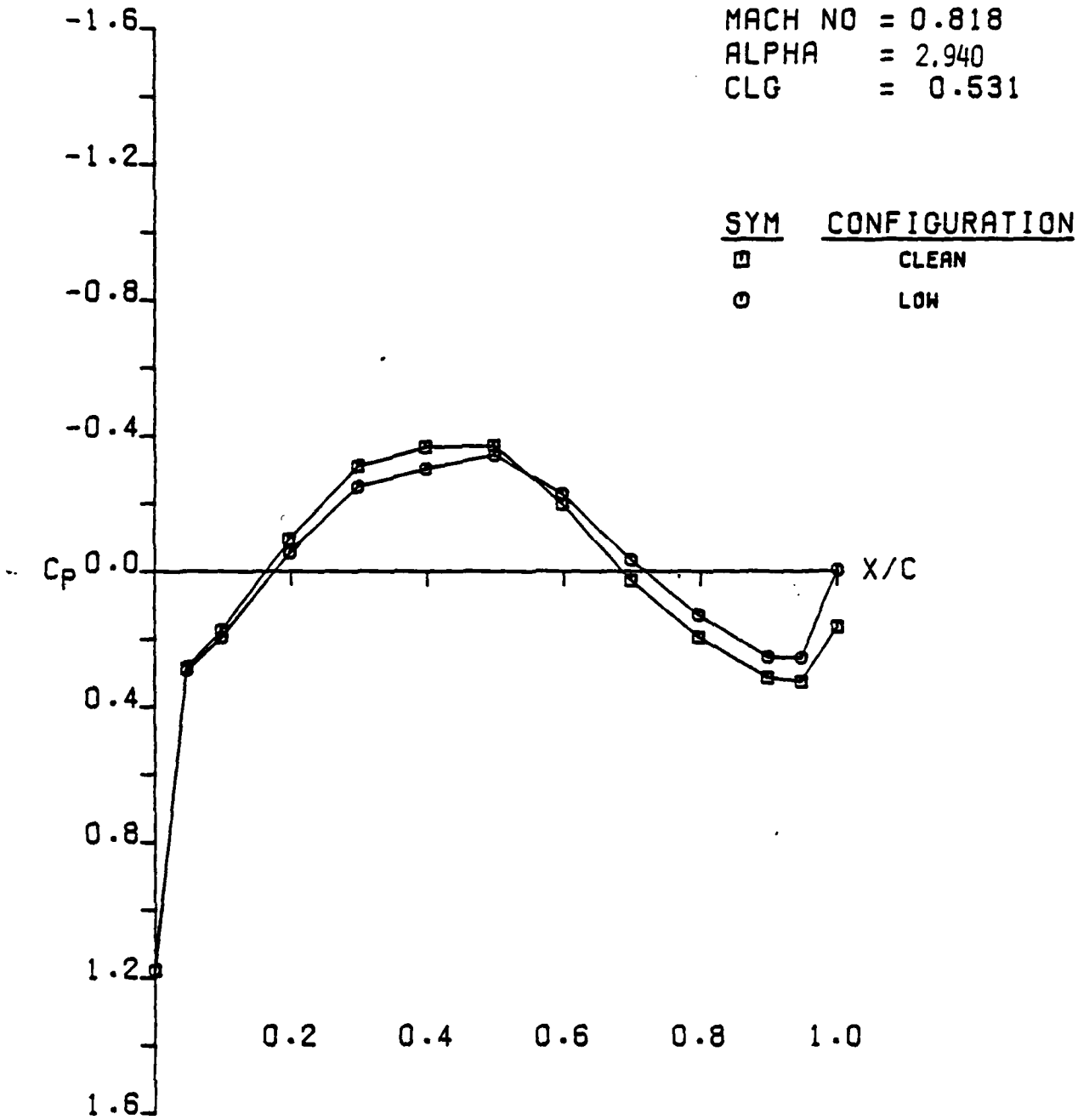
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS LOW (UPR SURF ETA .70)
AFOSR SEMISPAN MODEL A



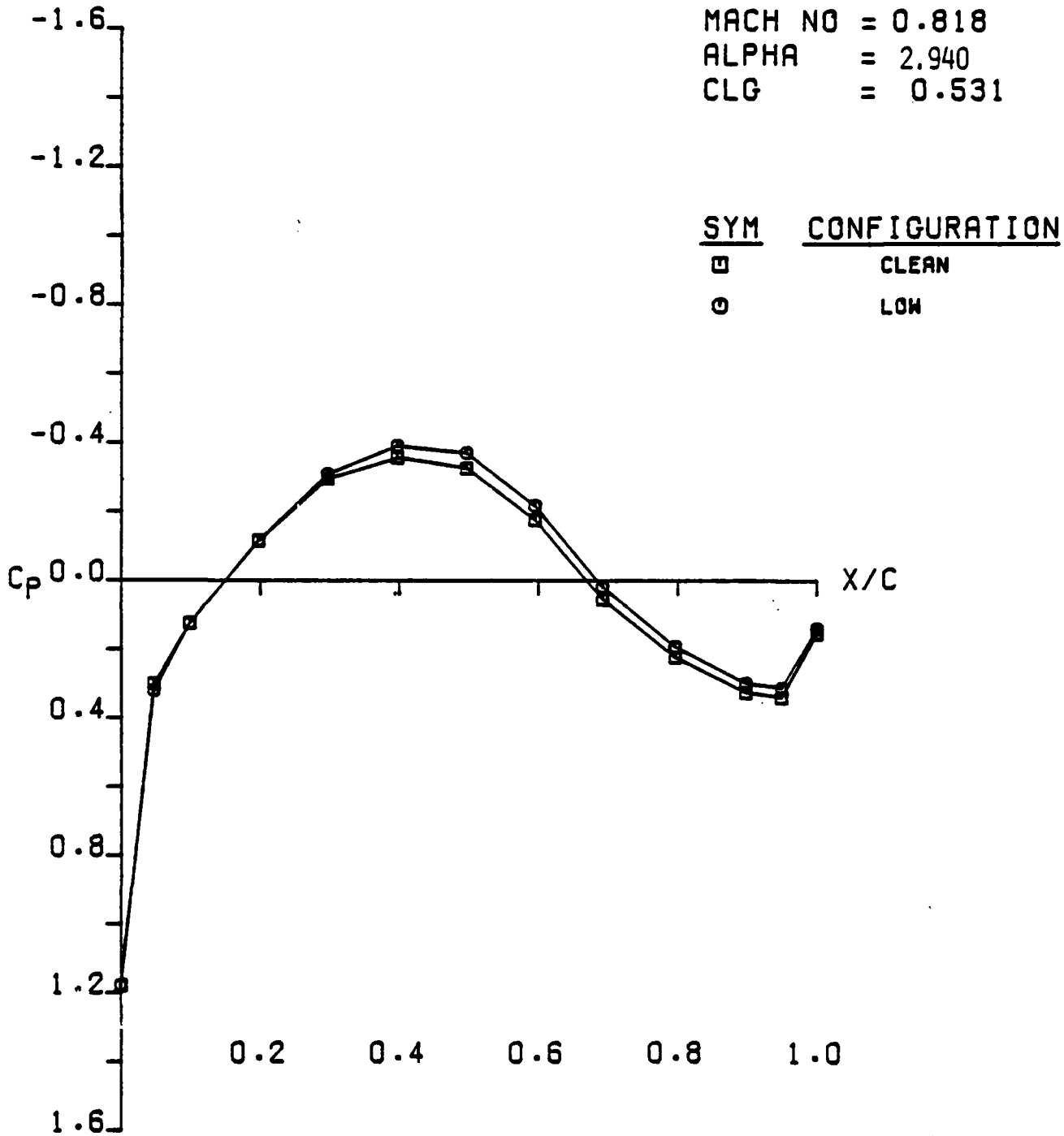
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS LOW (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL A



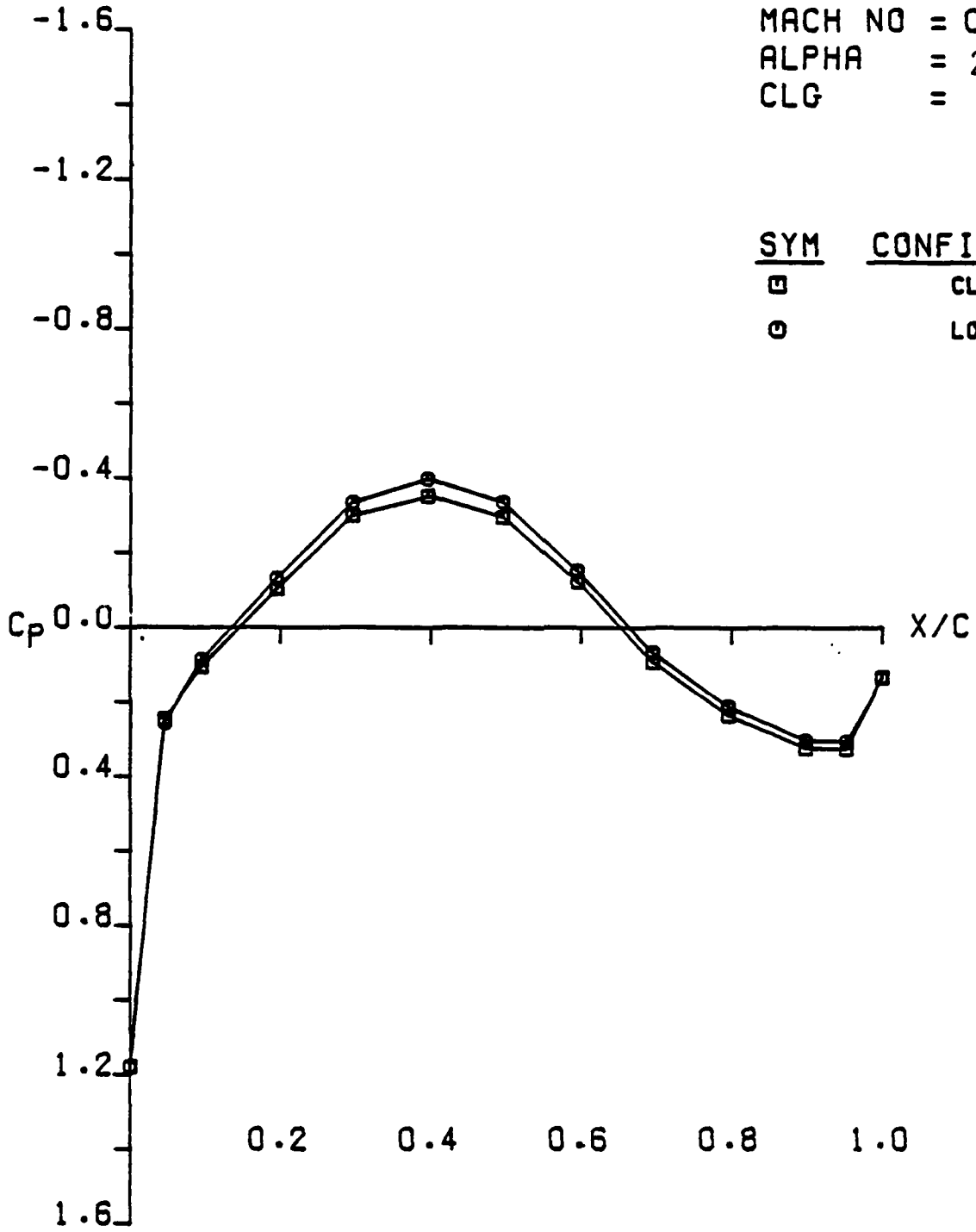
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS LOW (LWR SURF)
AFOSR SEMISPAN MODEL A



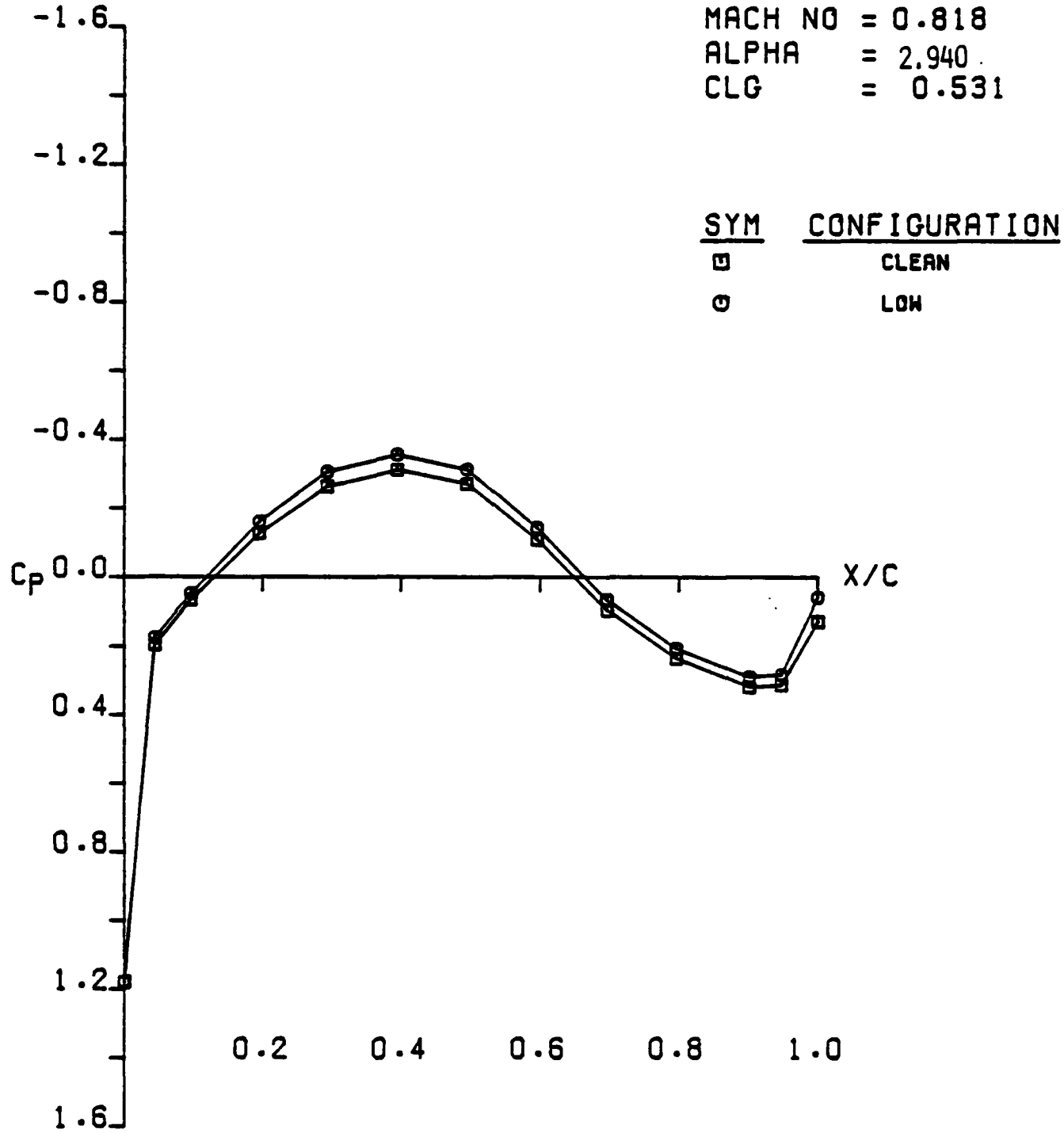
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS LOW (LWR SURF ETA .15)
AFOSR SEMISPAN MODEL A



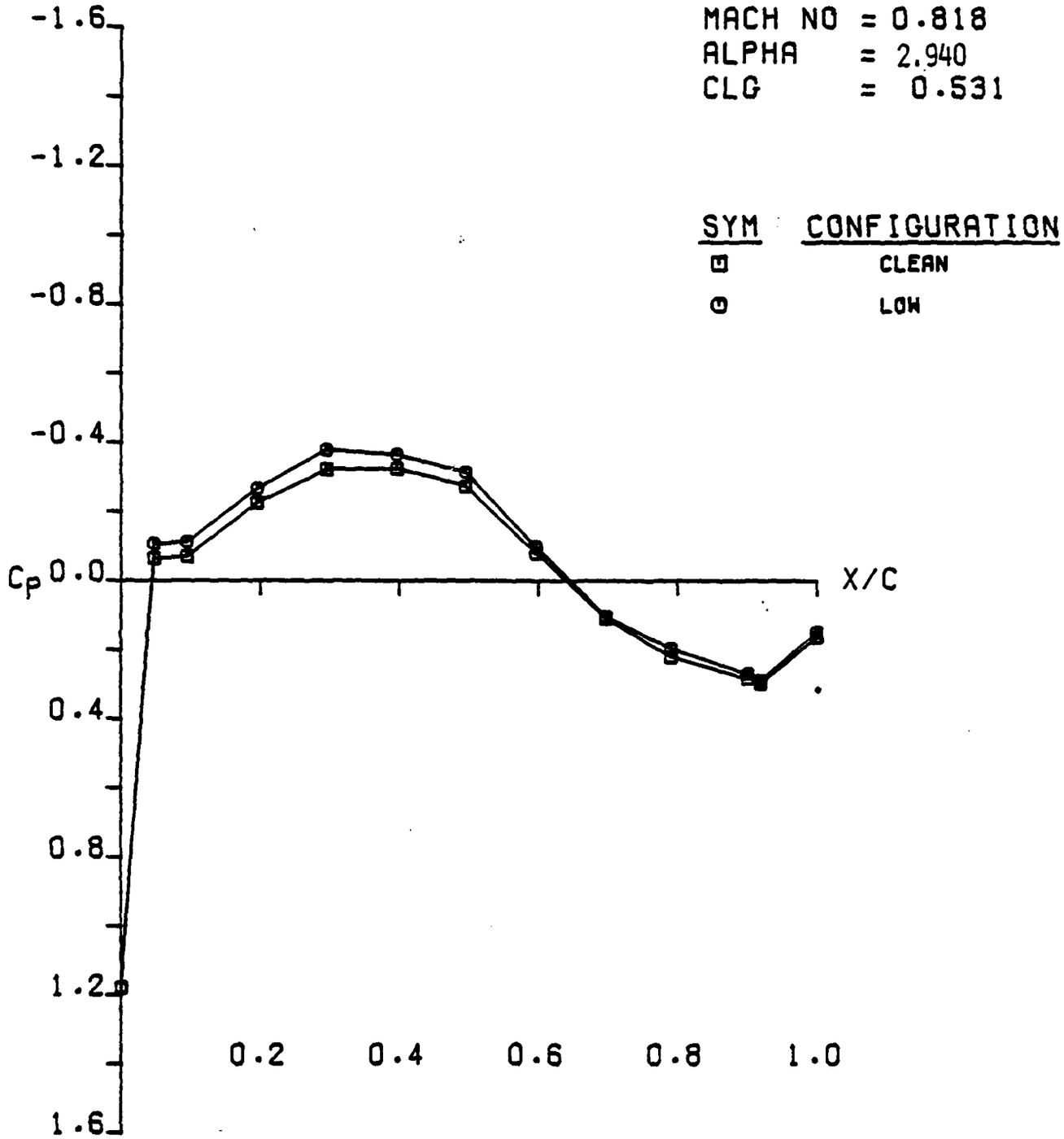
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS LOW (LWR SURF ETA .30)
AFOSR SEMISPAN MODEL A



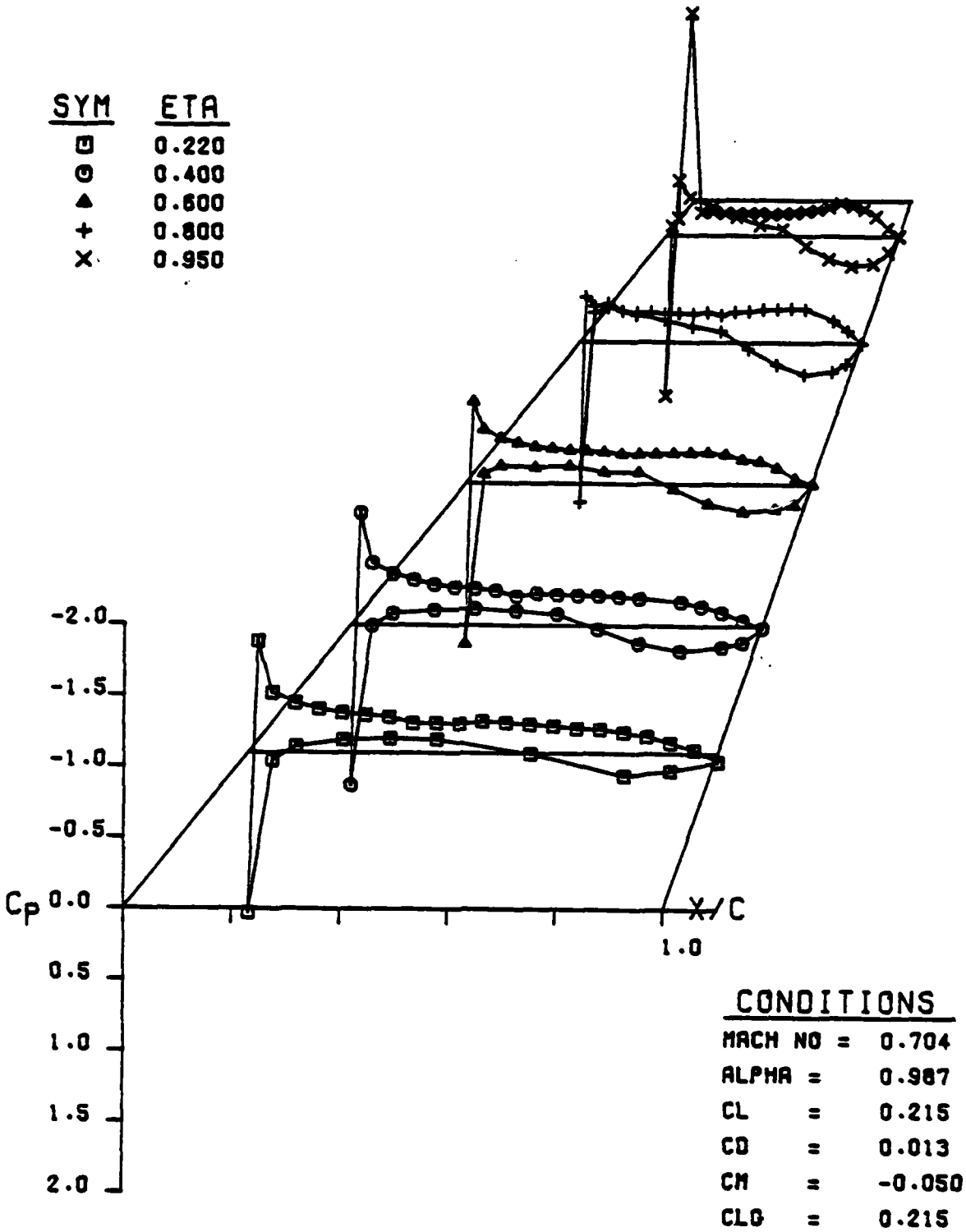
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS LOW (LWR SURF ETA .50)
AFOSR SEMISPAN MODEL A



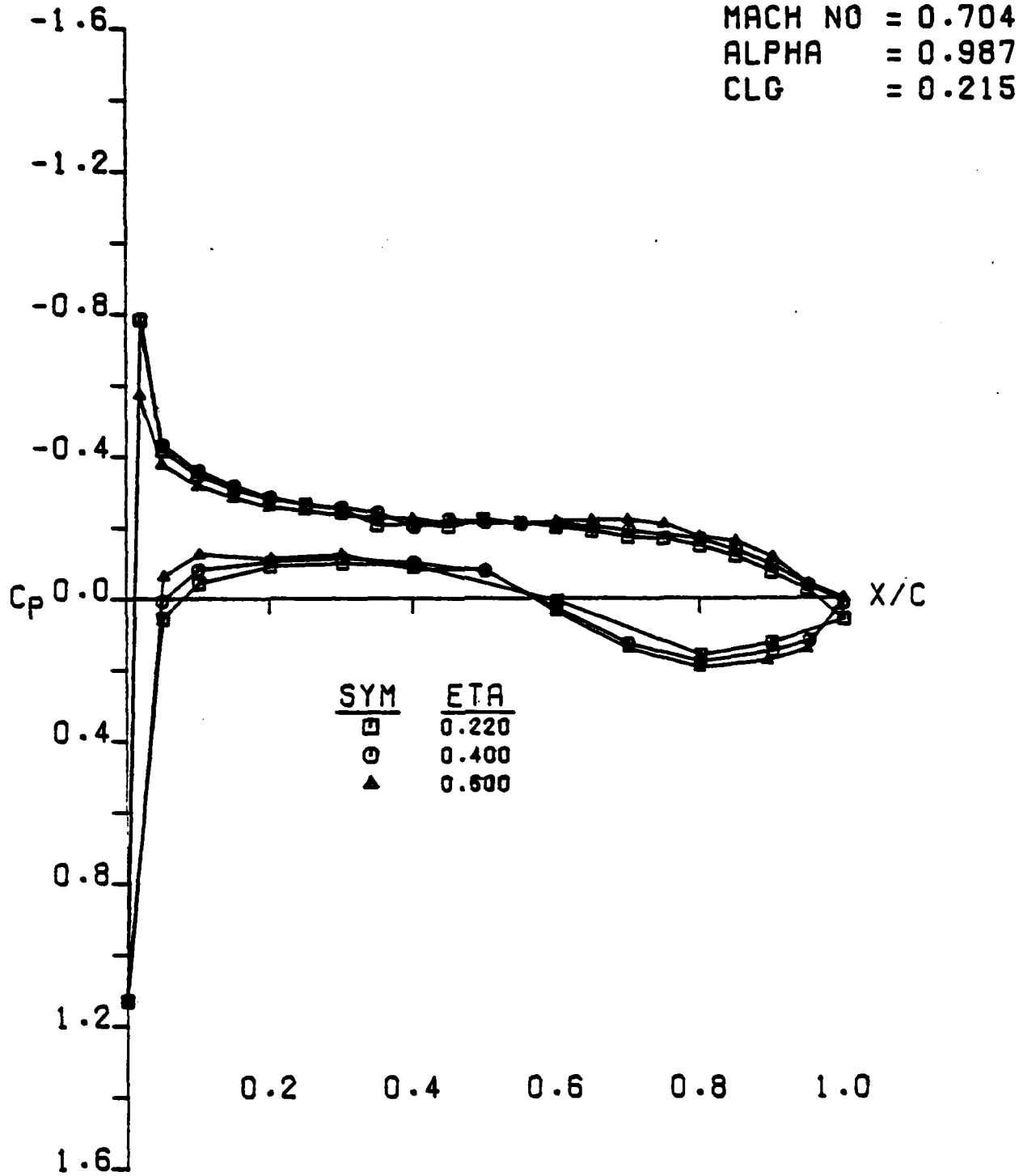
LOCKHEED CFWT SEMI-SPAN TEST, RUN 35
CLN VS LOW (LWR SURF ETA .70)
AFOSR SEMISPAN MODEL A



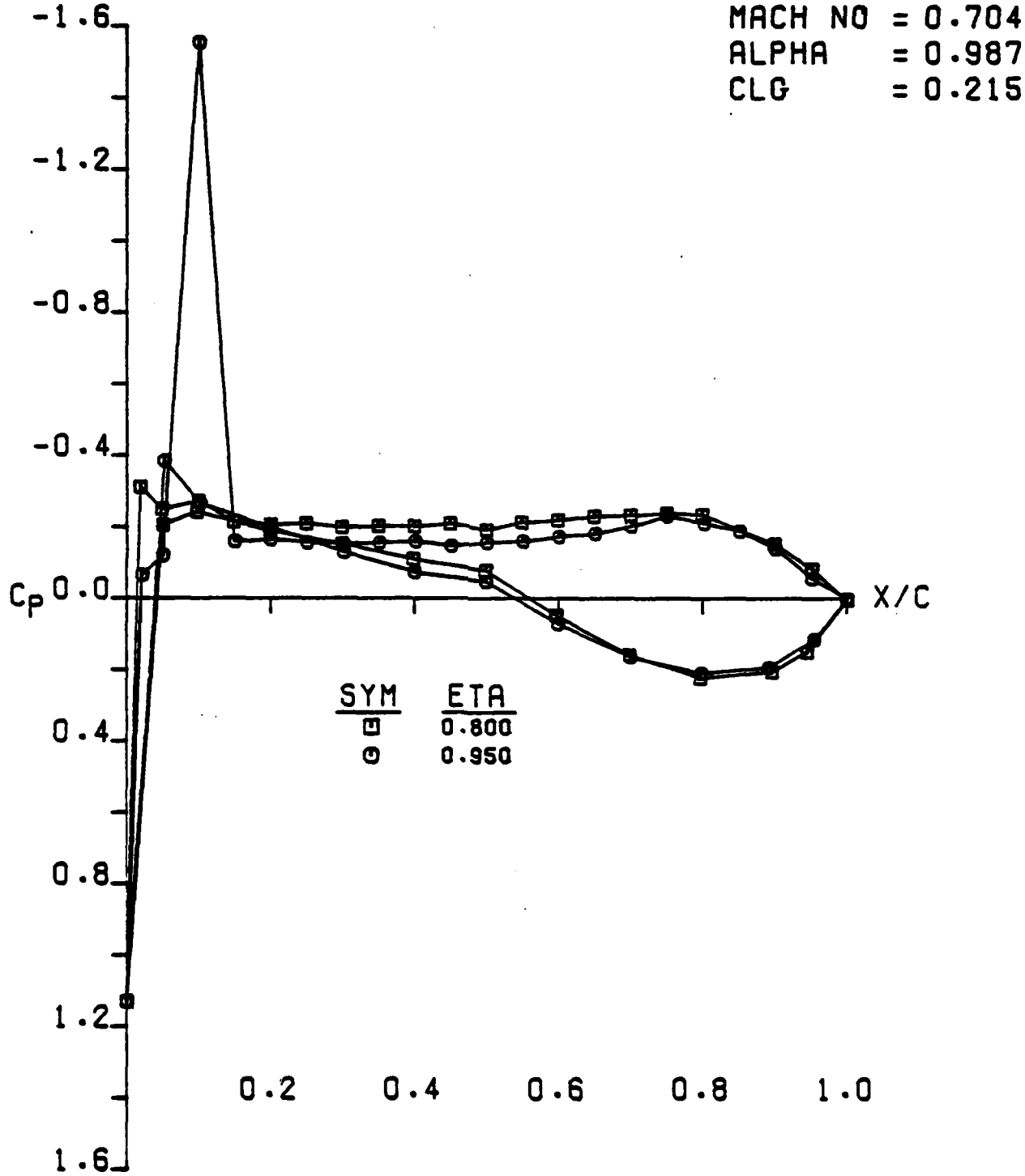
LOCKHEED CFWT SEMI-SPAN TEST. RUN 35
CLN VS LOW (LWR SURF ETA .95)
AFOSR SEMISPAN MODEL A



LOCKHEED CFWT SEMI-SPAN TEST, RUN 232
TITLE
AFOSR SEMISPAN MODEL B

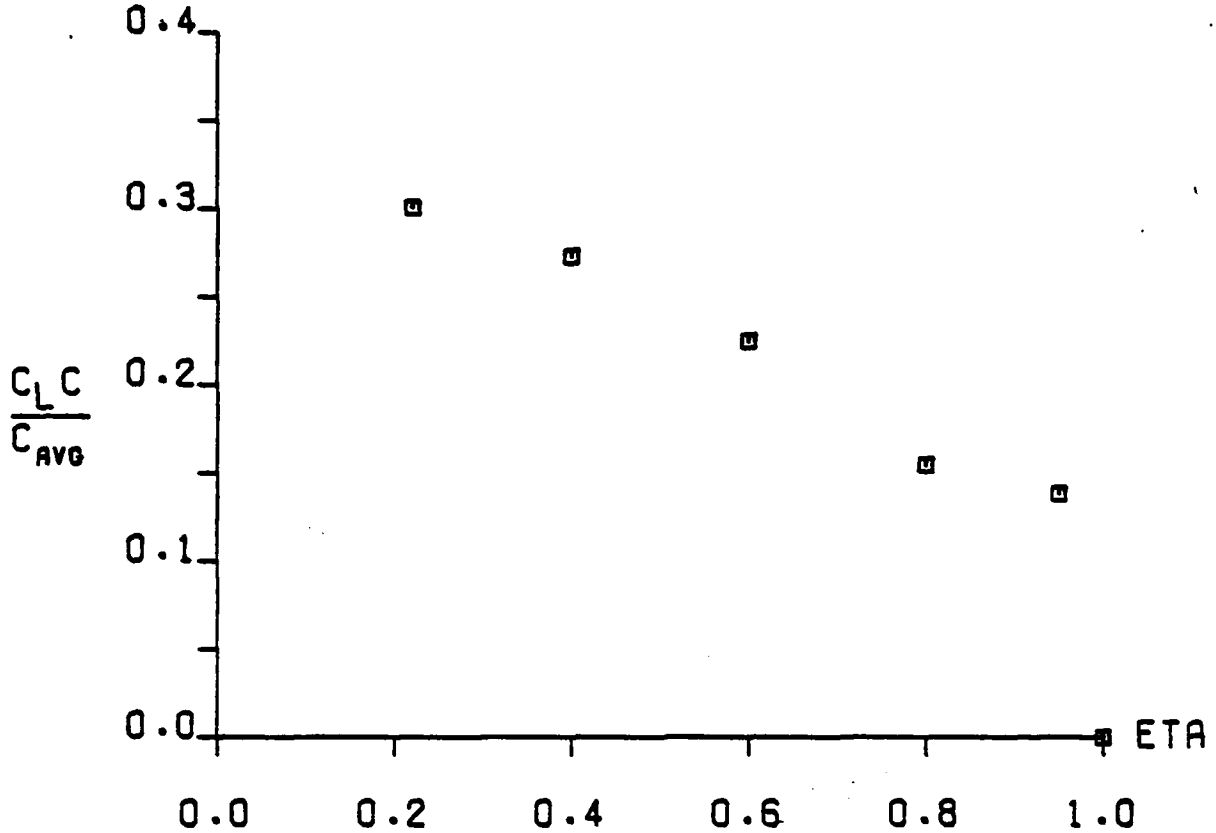


LOCKHEED CFWT SEMI-SPAN TEST, RUN 232
TITLE
AFOSR SEMISPAN MODEL B



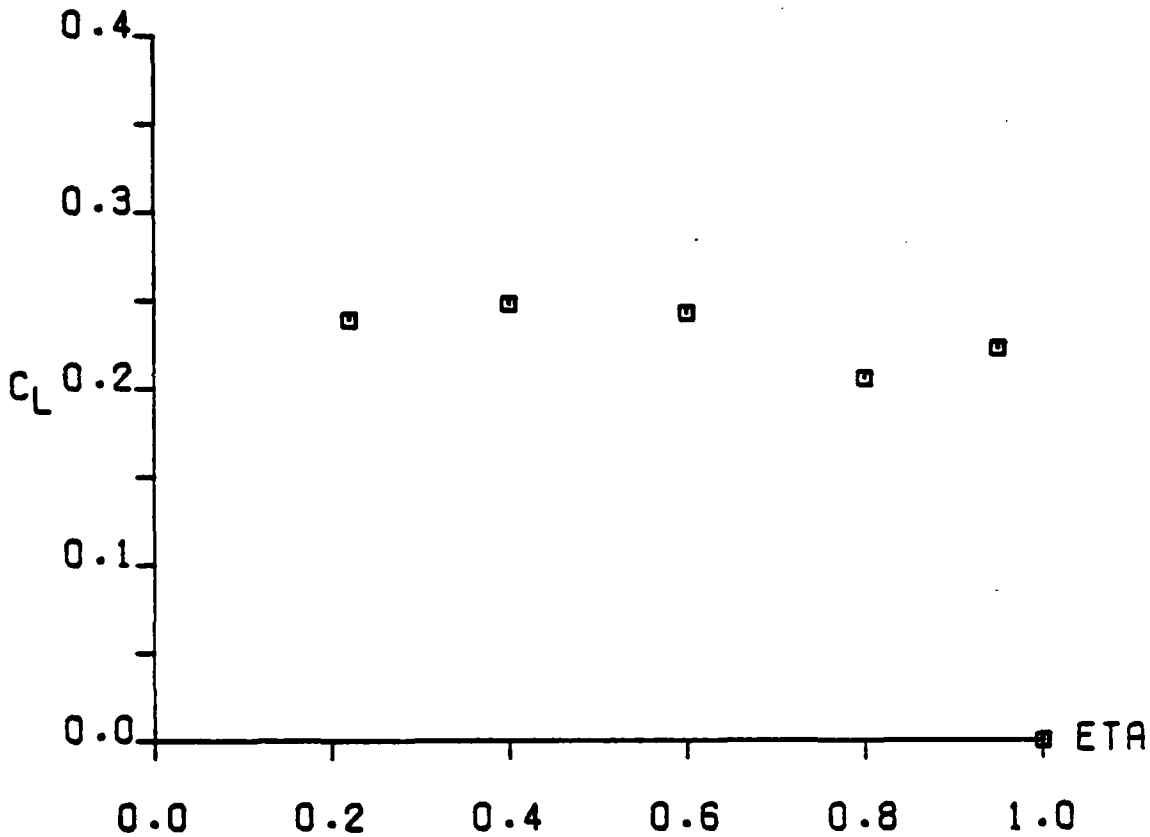
LOCKHEED CFWT SEMI-SPAN TEST, RUN 232
TITLE
AFOSR SEMISPAN MODEL B

MACH NO = 0.704
ALPHA = 0.987
CLG = 0.215

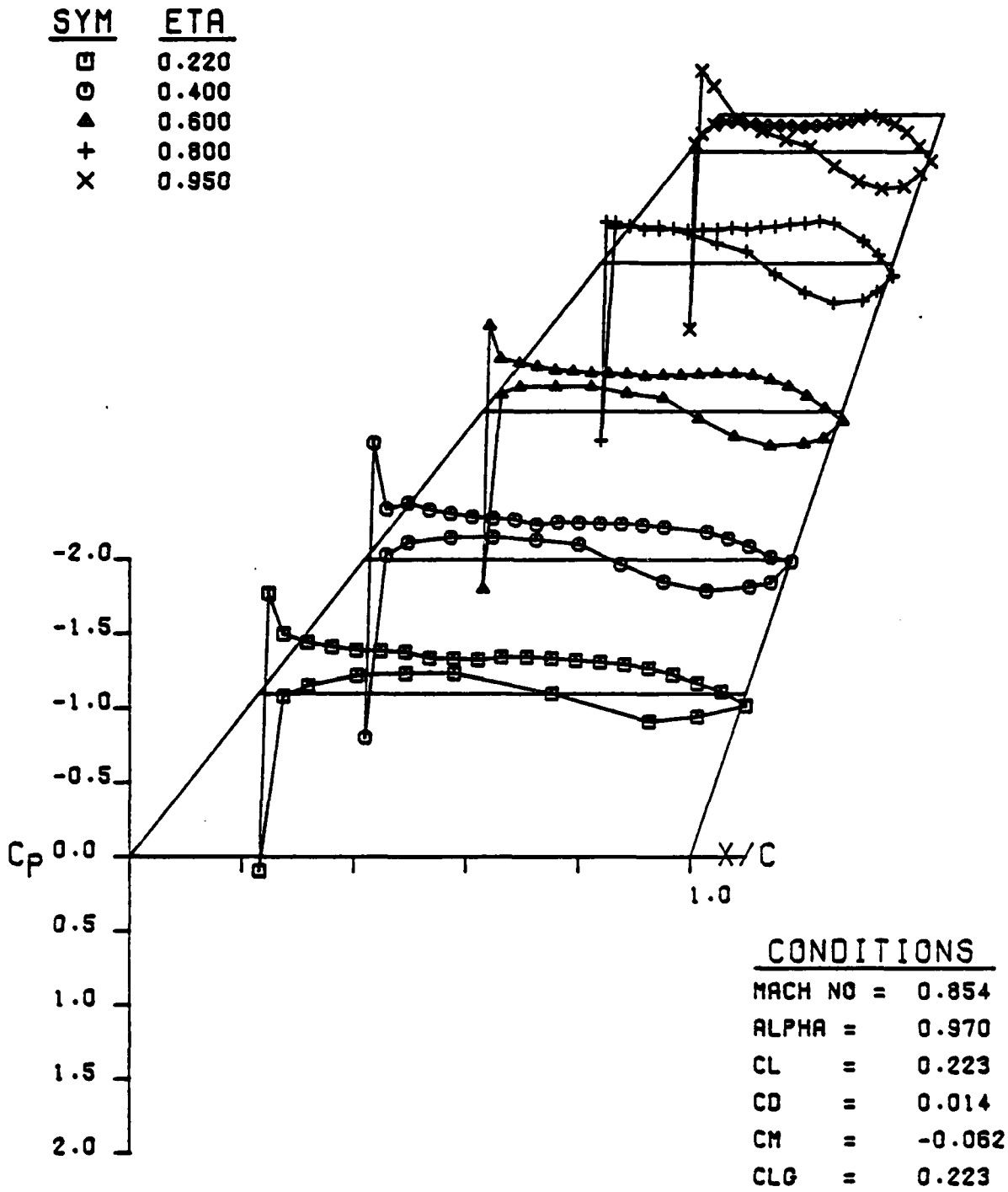


LOCKHEED CFWT SEMI-SPAN TEST, RUN 232
TITLE
AFOSR SEMISPAN MODEL B

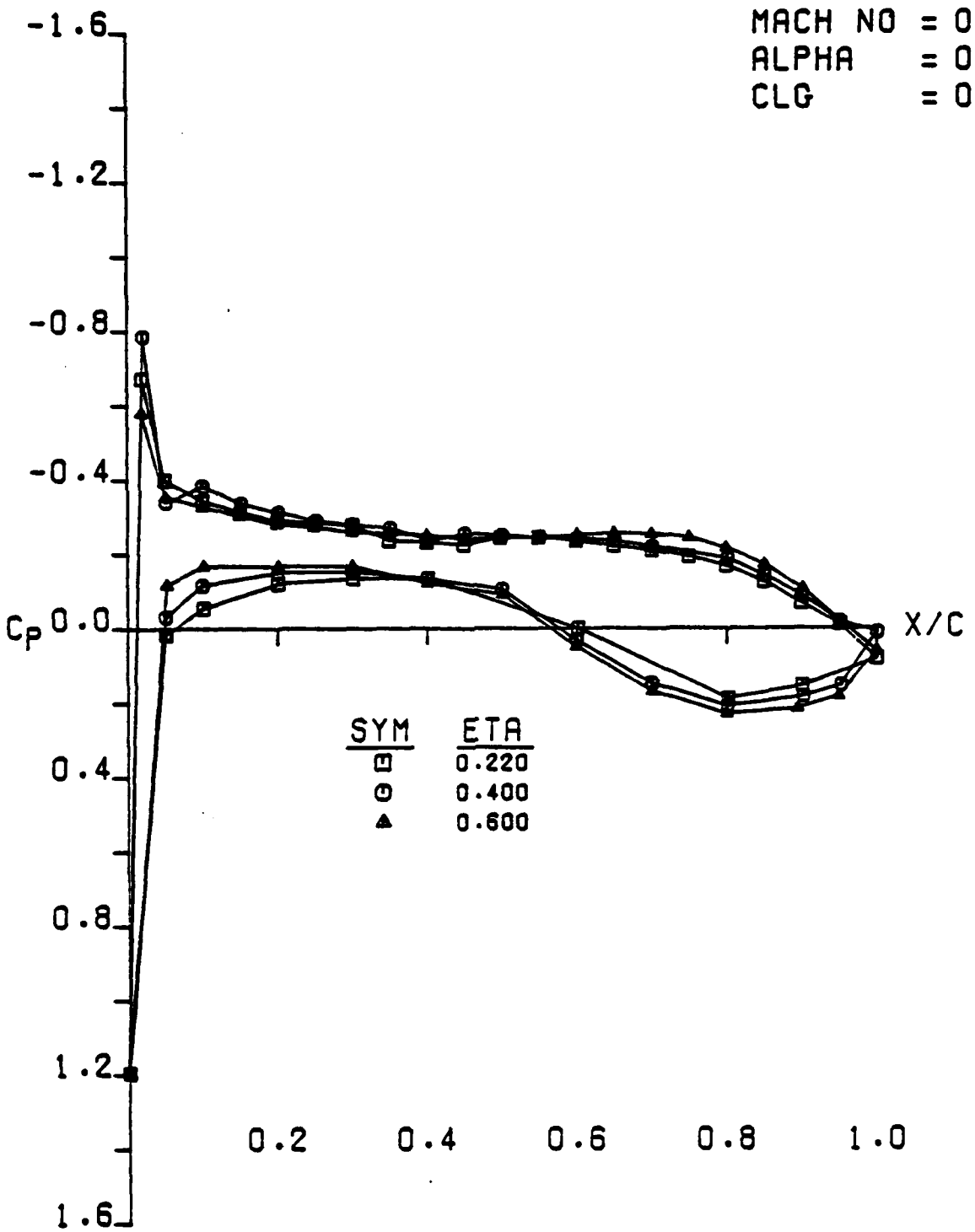
MACH NO = 0.704
ALPHA = 0.987
CLG = 0.215



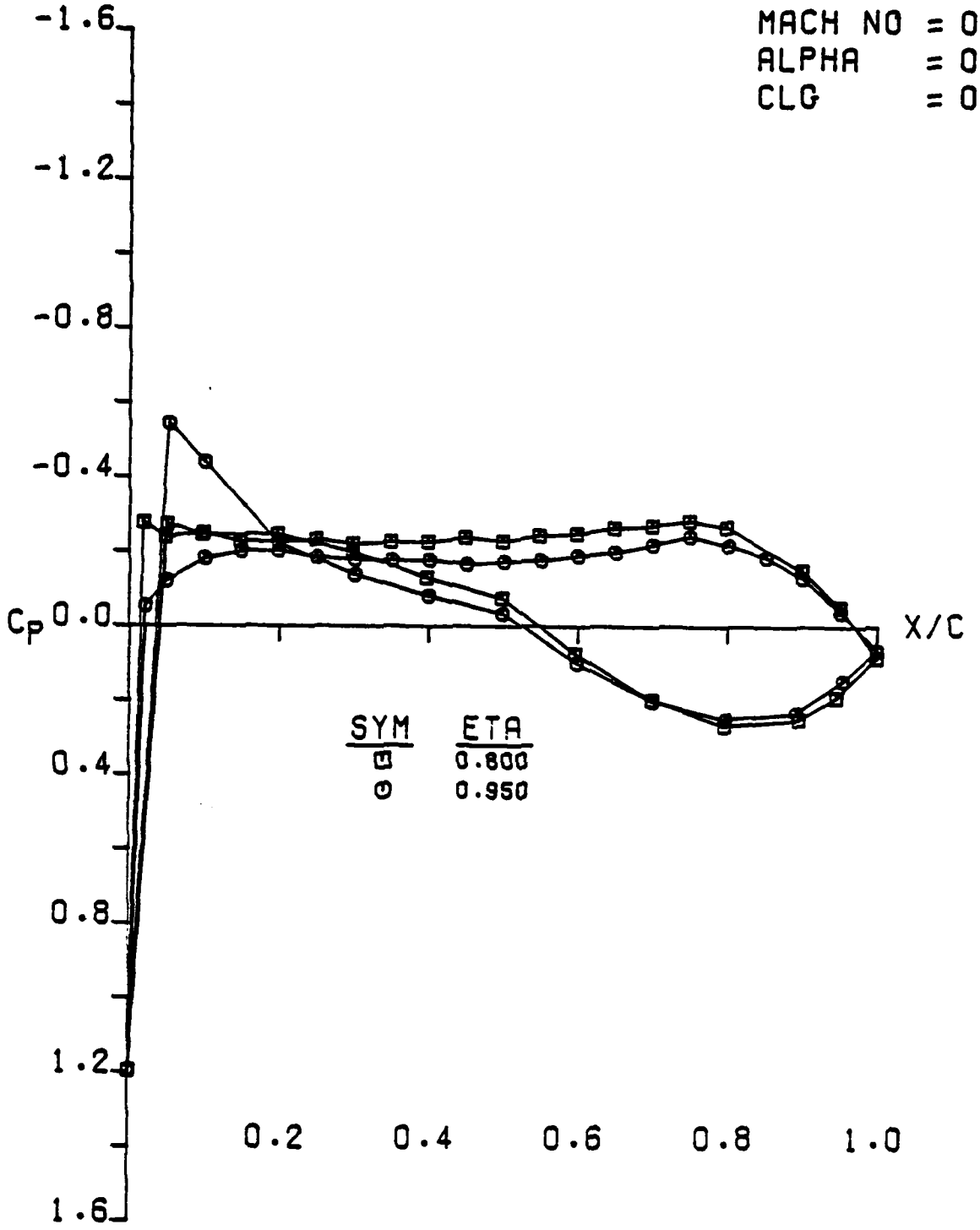
LOCKHEED CFWT SEMI-SPAN TEST, RUN 232
TITLE
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 13
TITLE
AFOSR SEMISPAN MODEL B

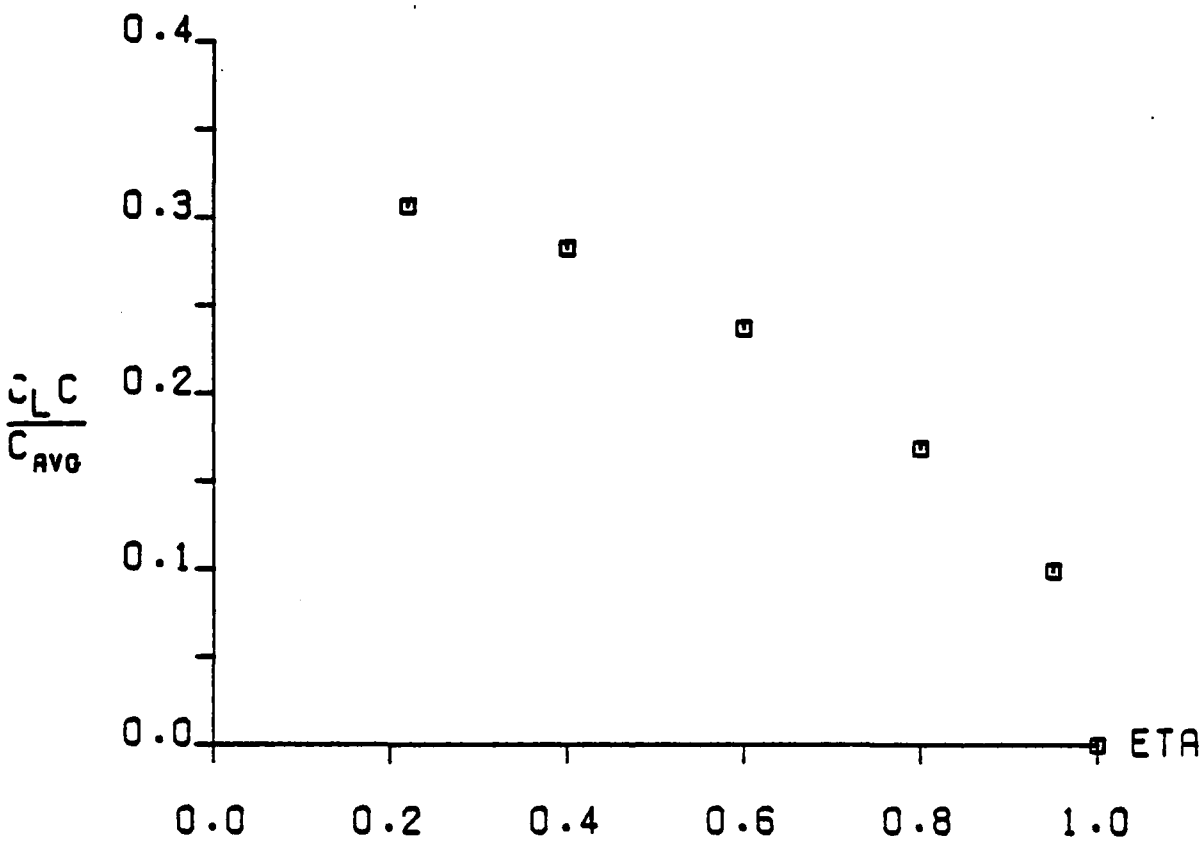


LOCKHEED CFWT SEMI-SPAN TEST, RUN 13
TITLE
AFOSR SEMISPAN MODEL B



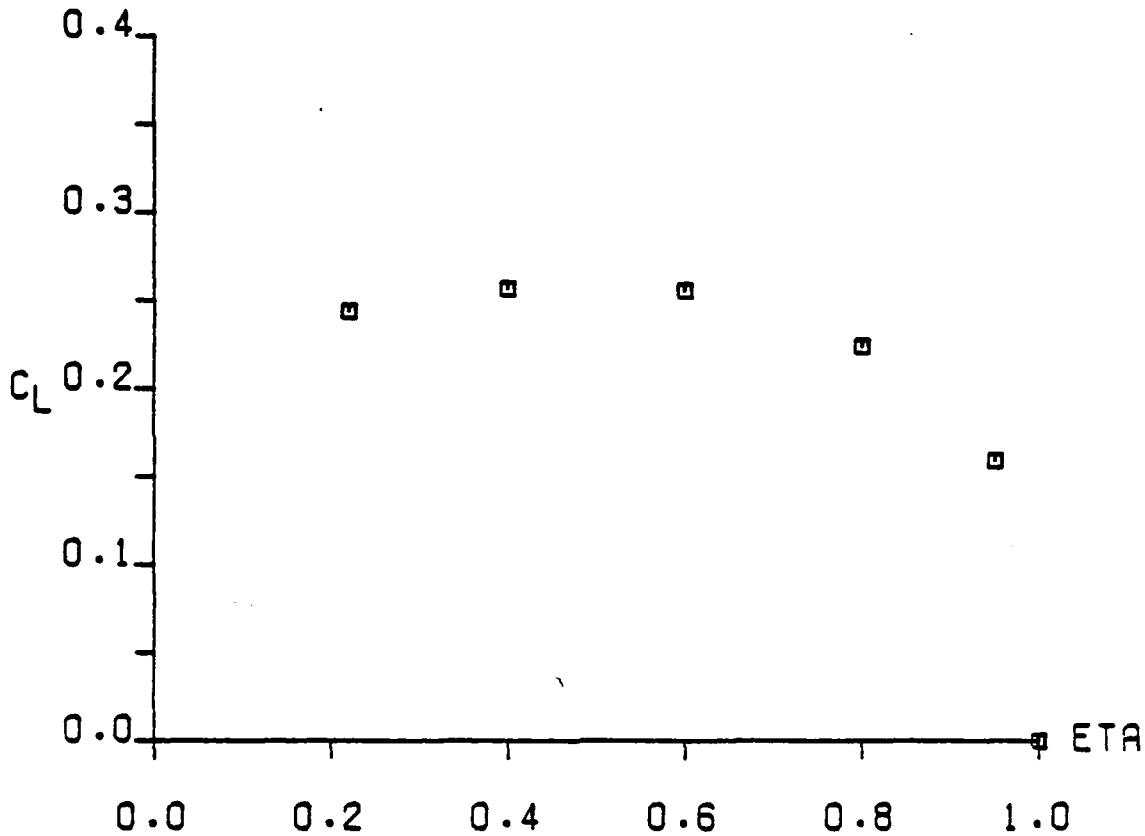
LOCKHEED CFWT SEMI-SPAN TEST, RUN 13
TITLE
AFOSR SEMISPAN MODEL B

MACH NO = 0.854
ALPHA = 0.970
CLG = 0.223

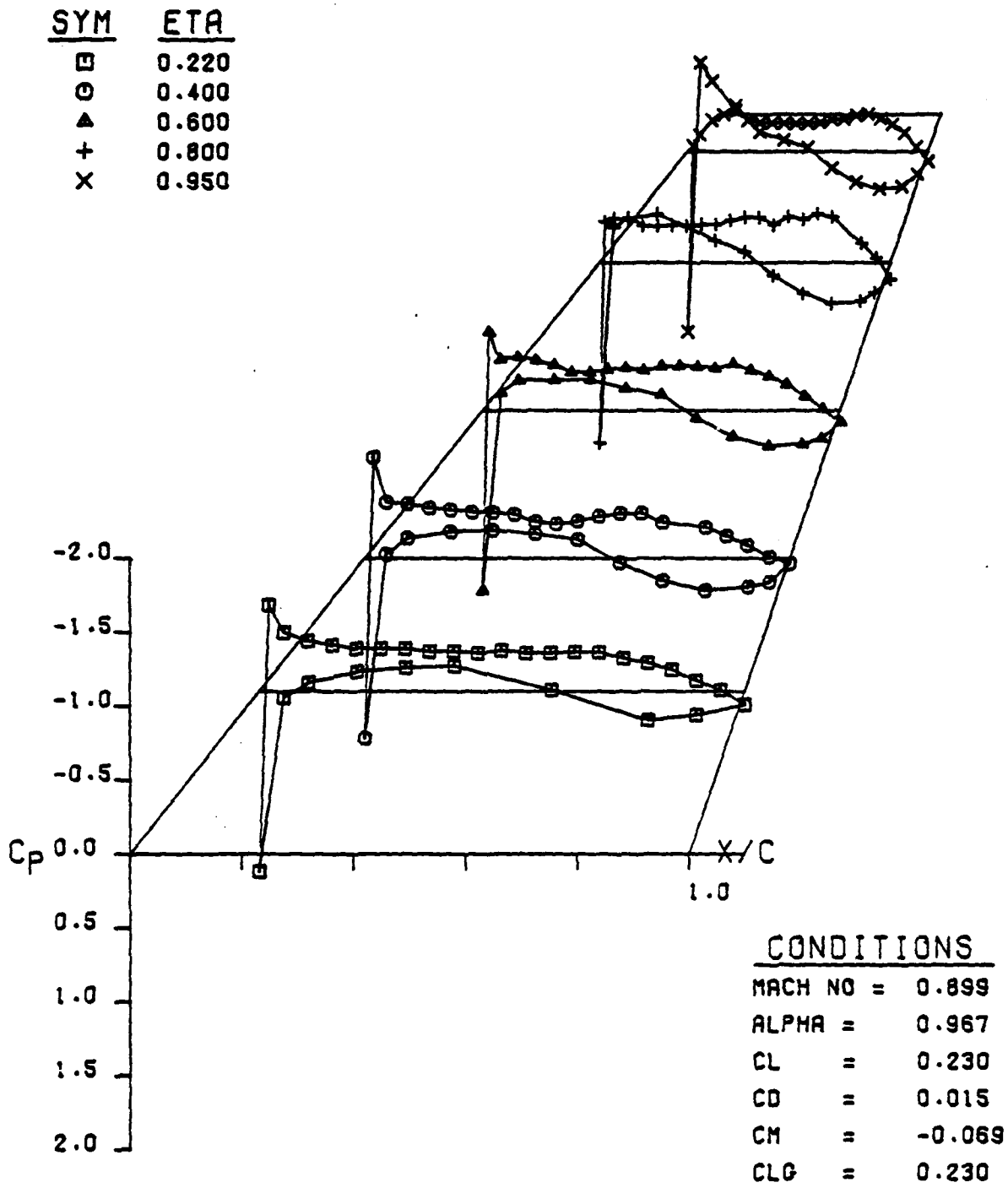


LOCKHEED CFWT SEMI-SPAN TEST, RUN 13
TITLE
AFOSR SEMISPAN MODEL B

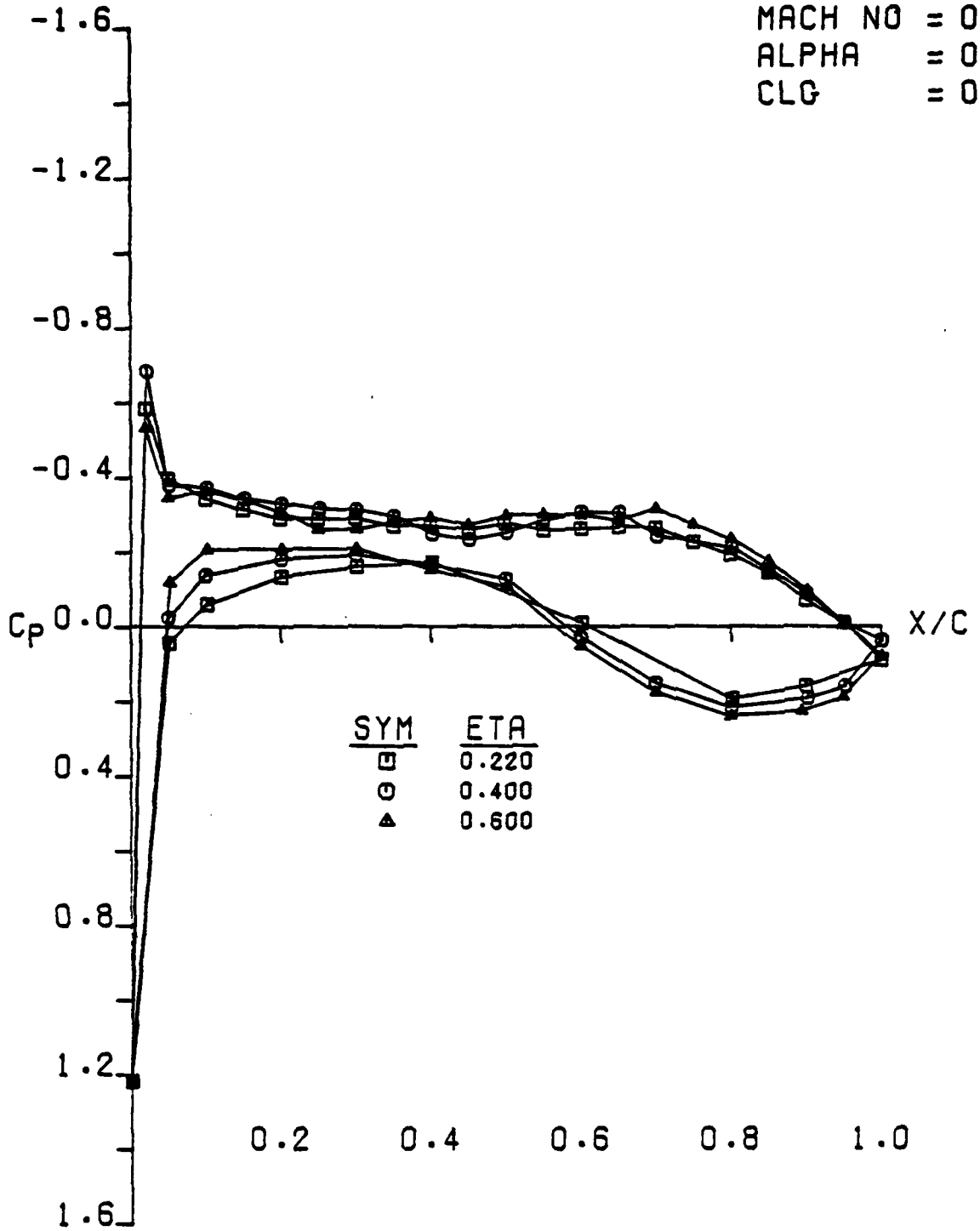
MACH NO = 0.854
ALPHA = 0.970
CLG = 0.223



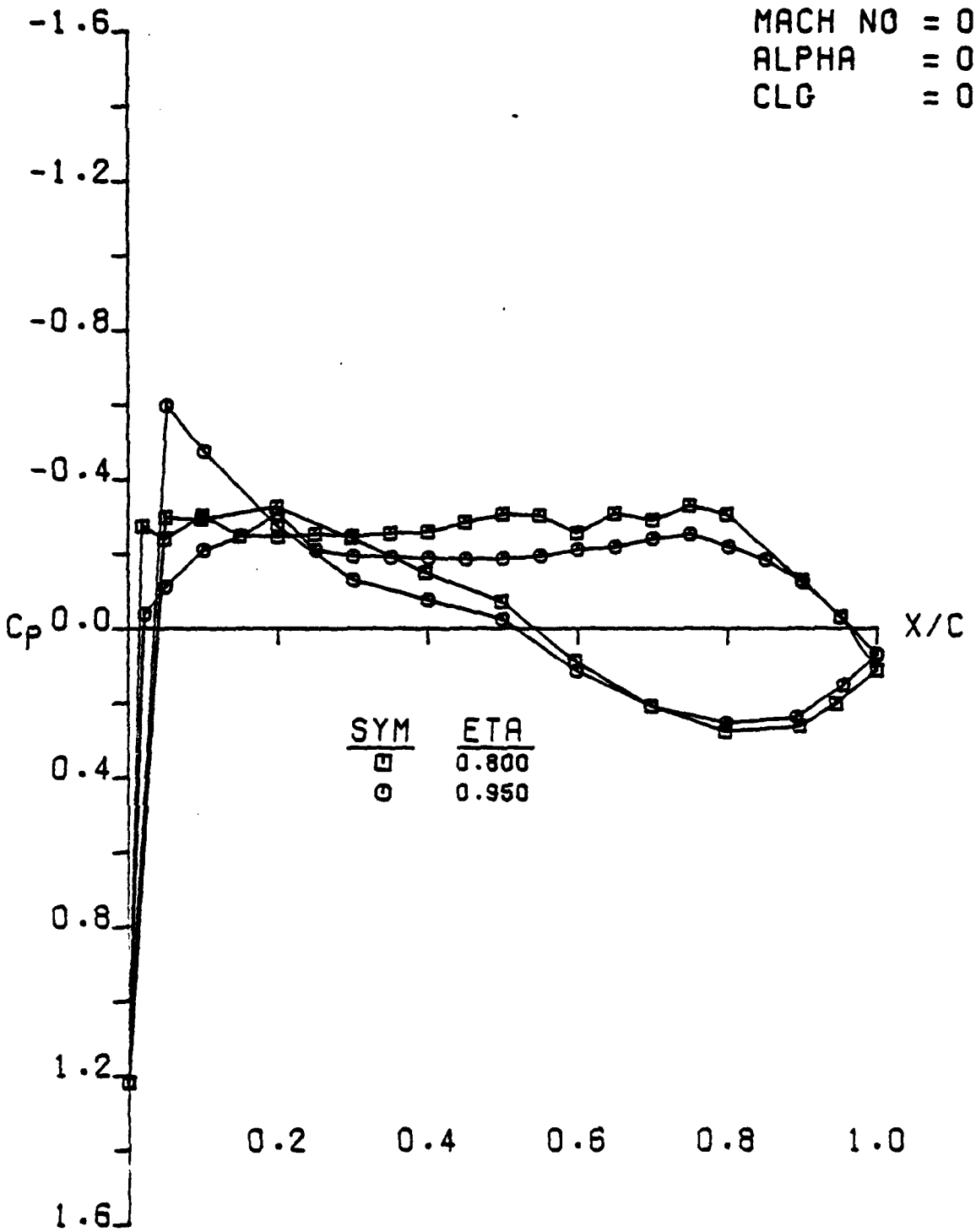
LOCKHEED CFWT SEMI-SPAN TEST, RUN 13
TITLE
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 22
TITLE
AFOSR SEMISPAN MODEL B

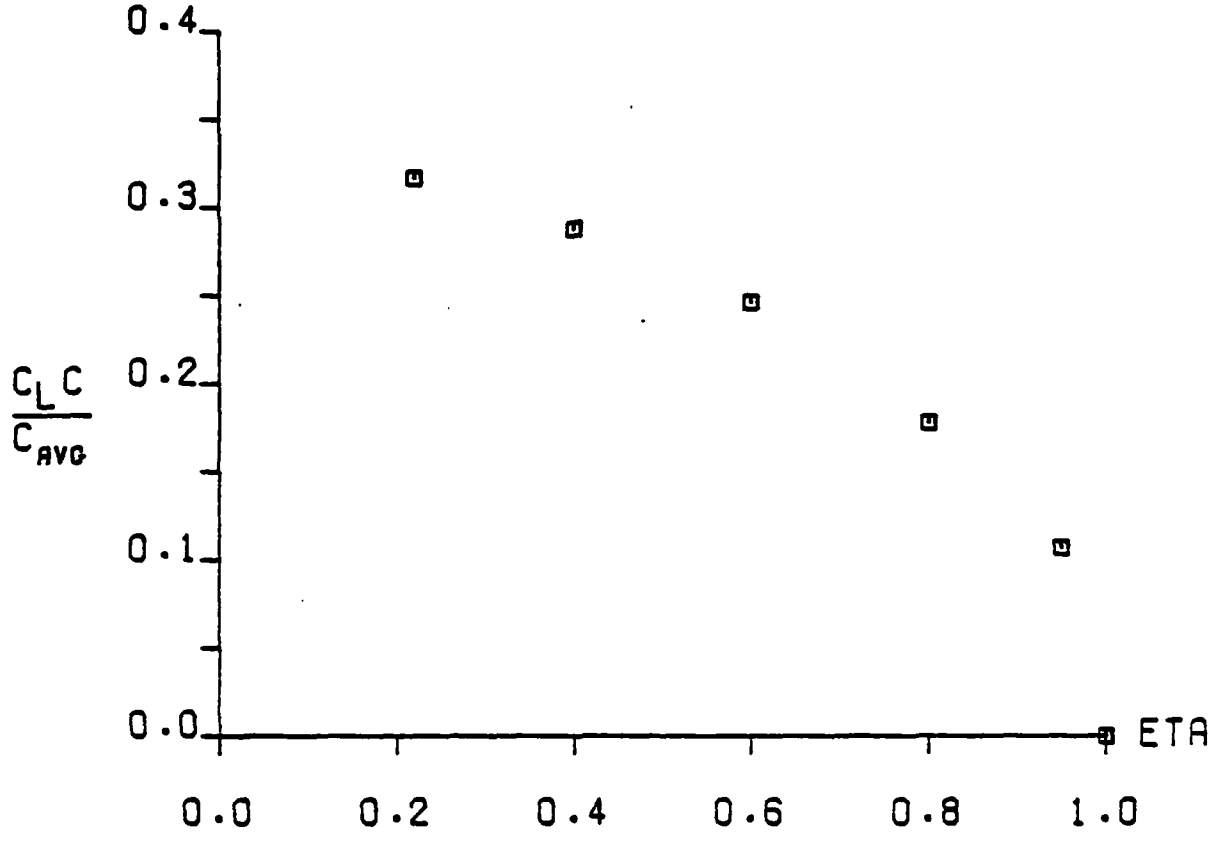


LOCKHEED CFWT SEMI-SPAN TEST, RUN 22
TITLE
AFOSR SEMISPAN MODEL B



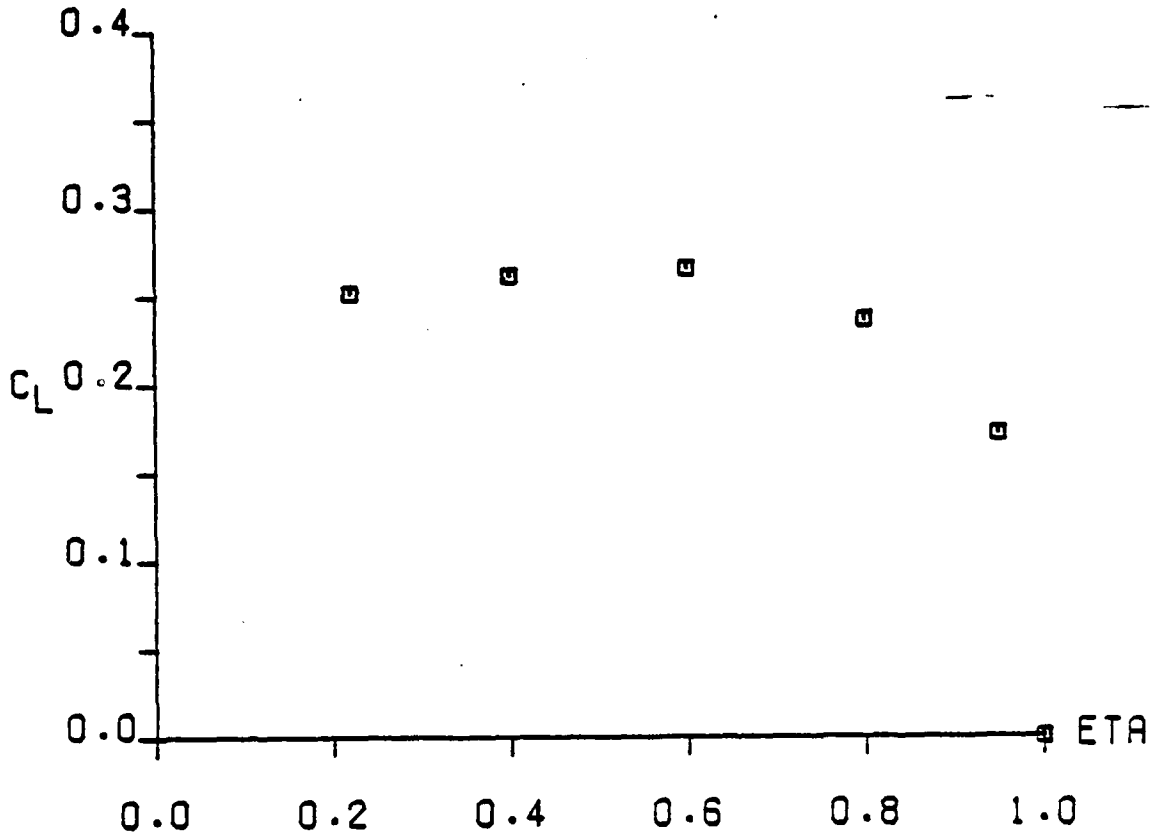
LOCKHEED CFWT SEMI-SPAN TEST, RUN 22
TITLE
AFOSR SEMISPAN MODEL B

MACH NO = 0.899
ALPHA = 0.967
CLG = 0.230

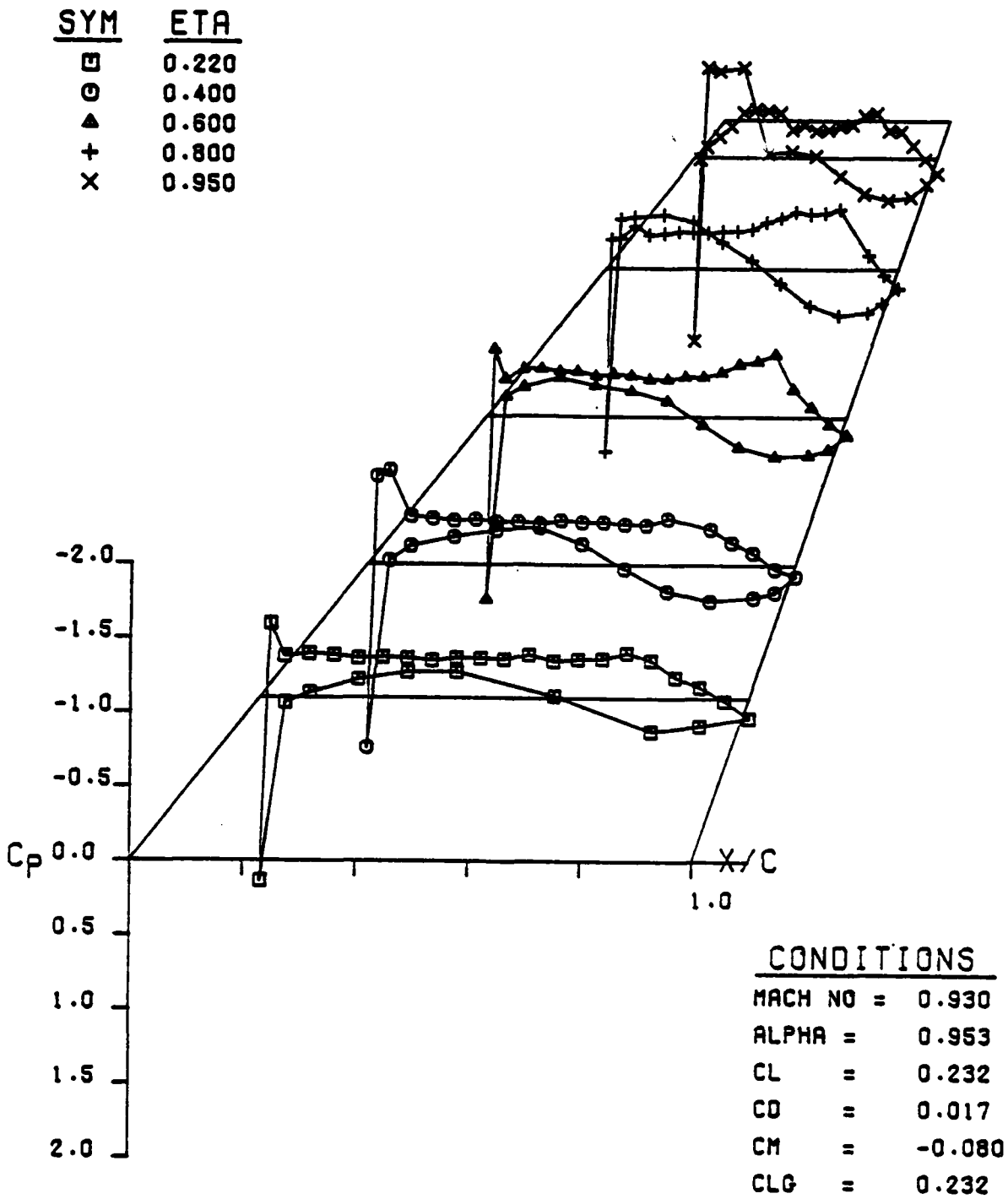


LOCKHEED CFWT SEMI-SPAN TEST, RUN 22
TITLE
AFOSR SEMISPAN MODEL B

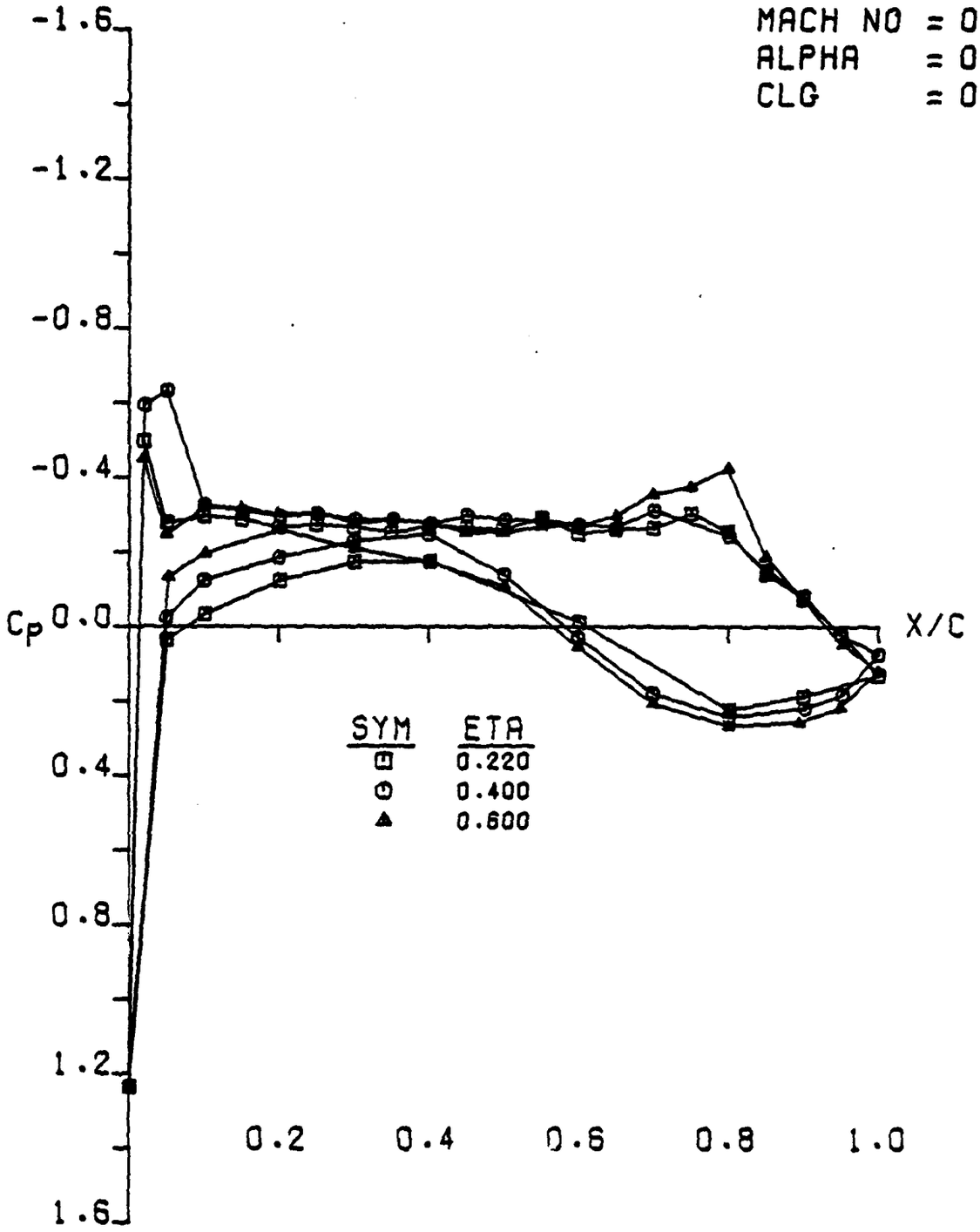
MACH NO = 0.899
ALPHA = 0.967
CLG = 0.230



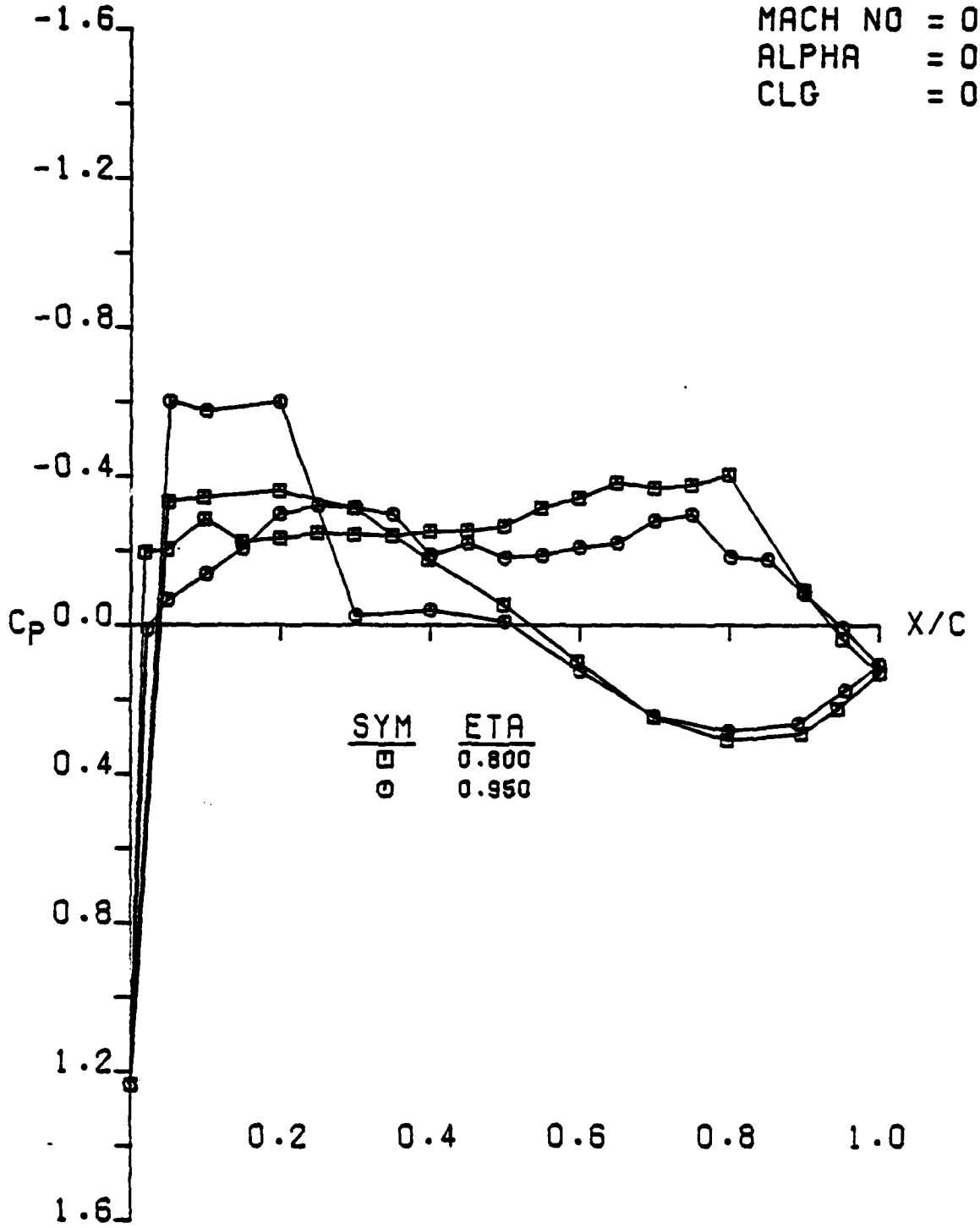
LOCKHEED CFWT SEMI-SPAN TEST, RUN 22
TITLE
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 67
TITLE
AFOSR SEMISPAN MODEL B

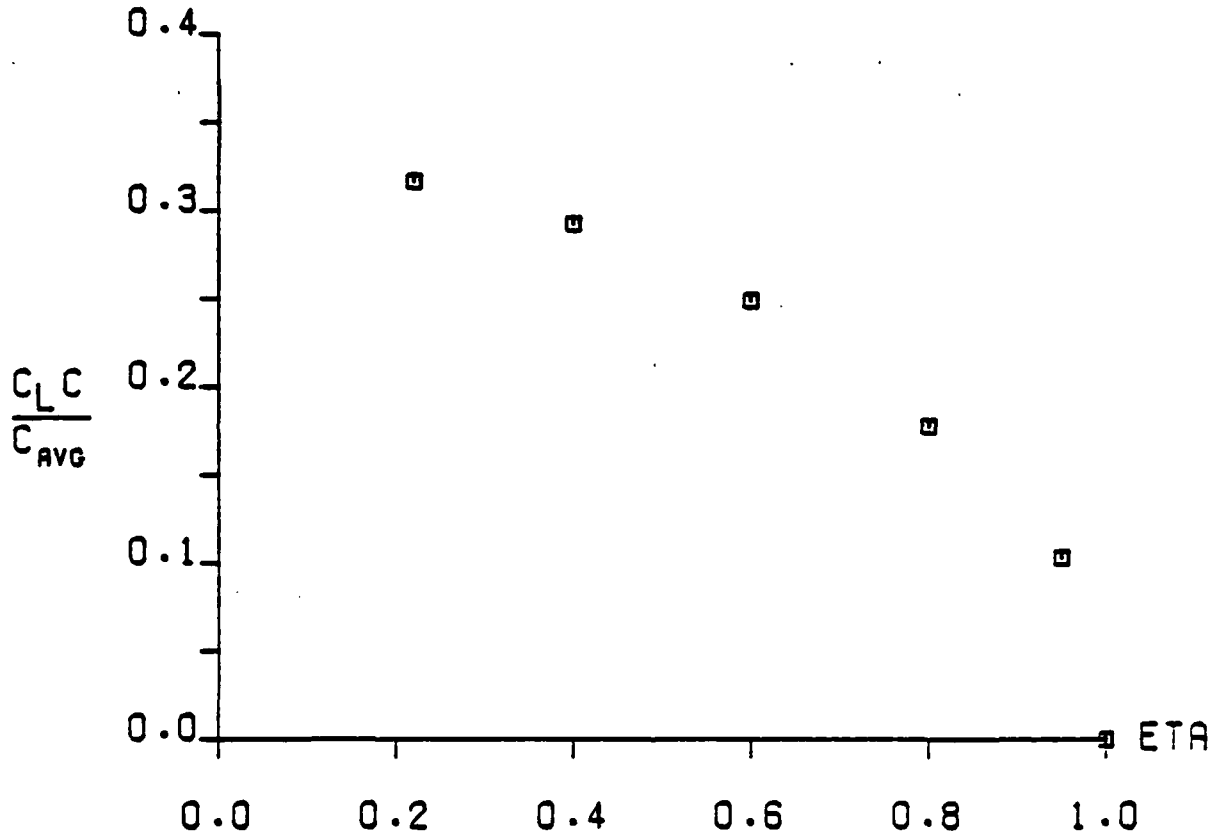


LOCKHEED CFWT SEMI-SPAN TEST, RUN 67
TITLE
AFOSR SEMISPAN MODEL 8



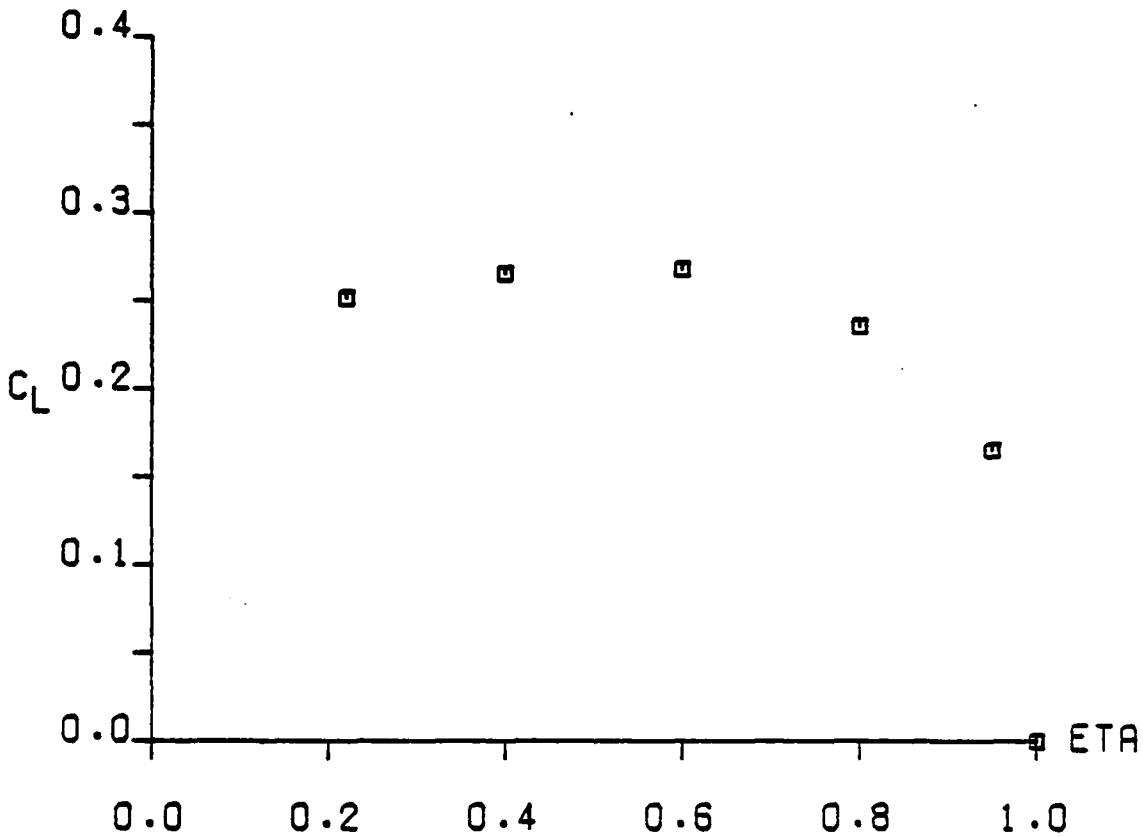
LOCKHEED CFWT SEMI-SPAN TEST, RUN 67
TITLE
AFOSR SEMISPAN MODEL B

MACH NO = 0.930
ALPHA = 0.953
CLG = 0.232

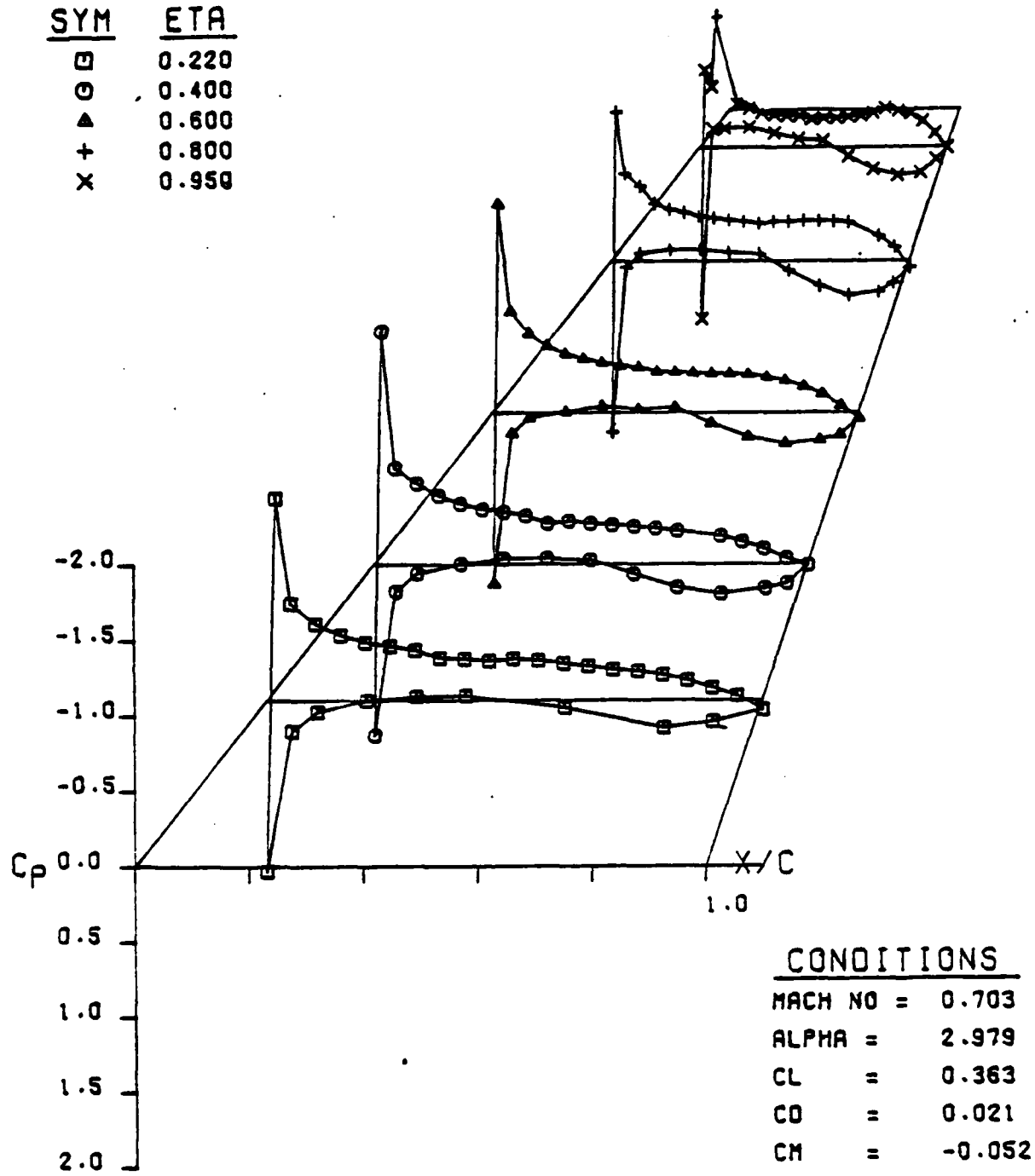


LOCKHEED CFWT SEMI-SPAN TEST. RUN 67
TITLE
AFOSR SEMISPAN MODEL B

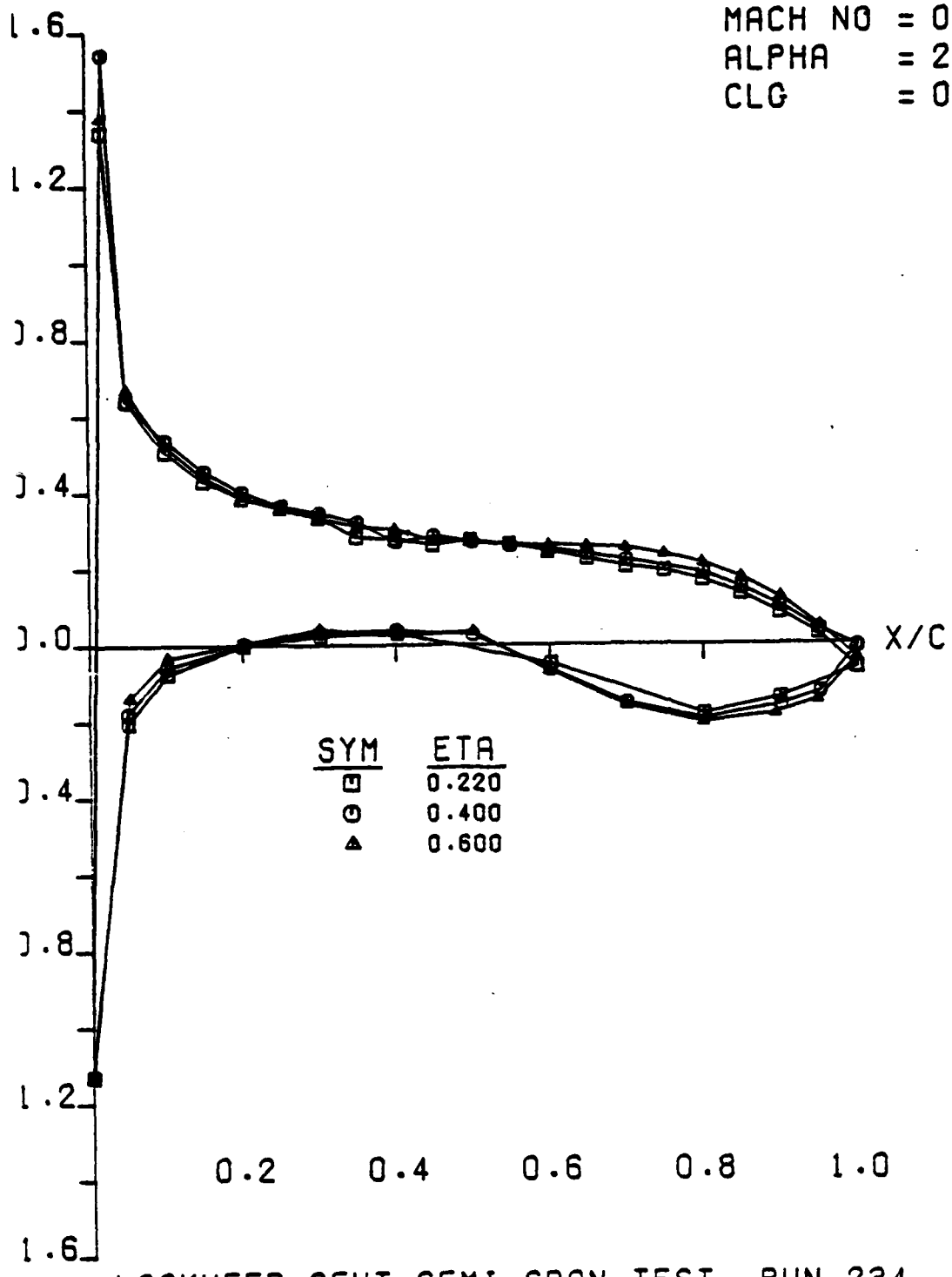
MACH NO = 0.930
ALPHA = 0.953
CLG = 0.232



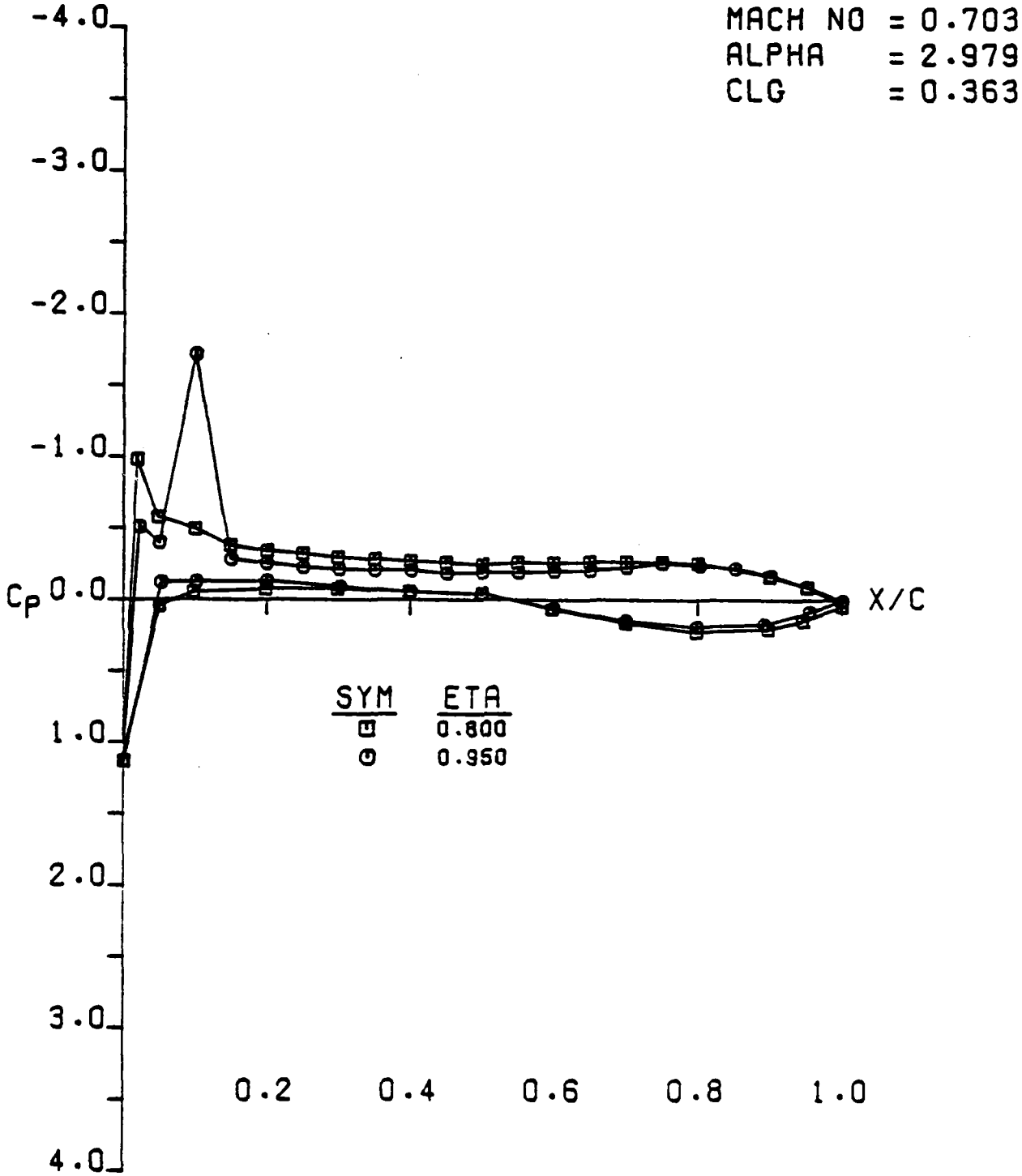
LOCKHEED CFWT SEMI-SPAN TEST, RUN 67
TITLE
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 234
TITLE
AFOSR SEMISPAN MODEL B

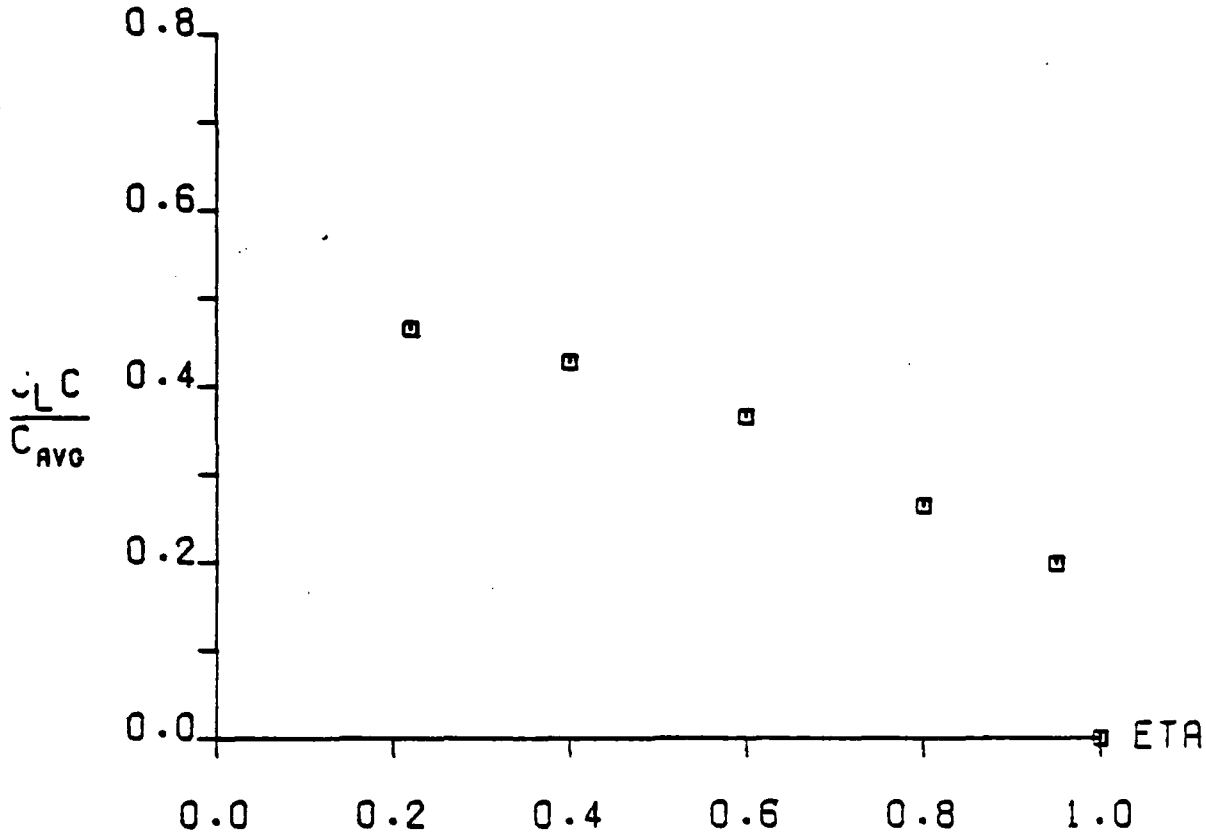


LOCKHEED CFWT SEMI-SPAN TEST, RUN 234
TITLE
AFOSR SEMISPAN MODEL B



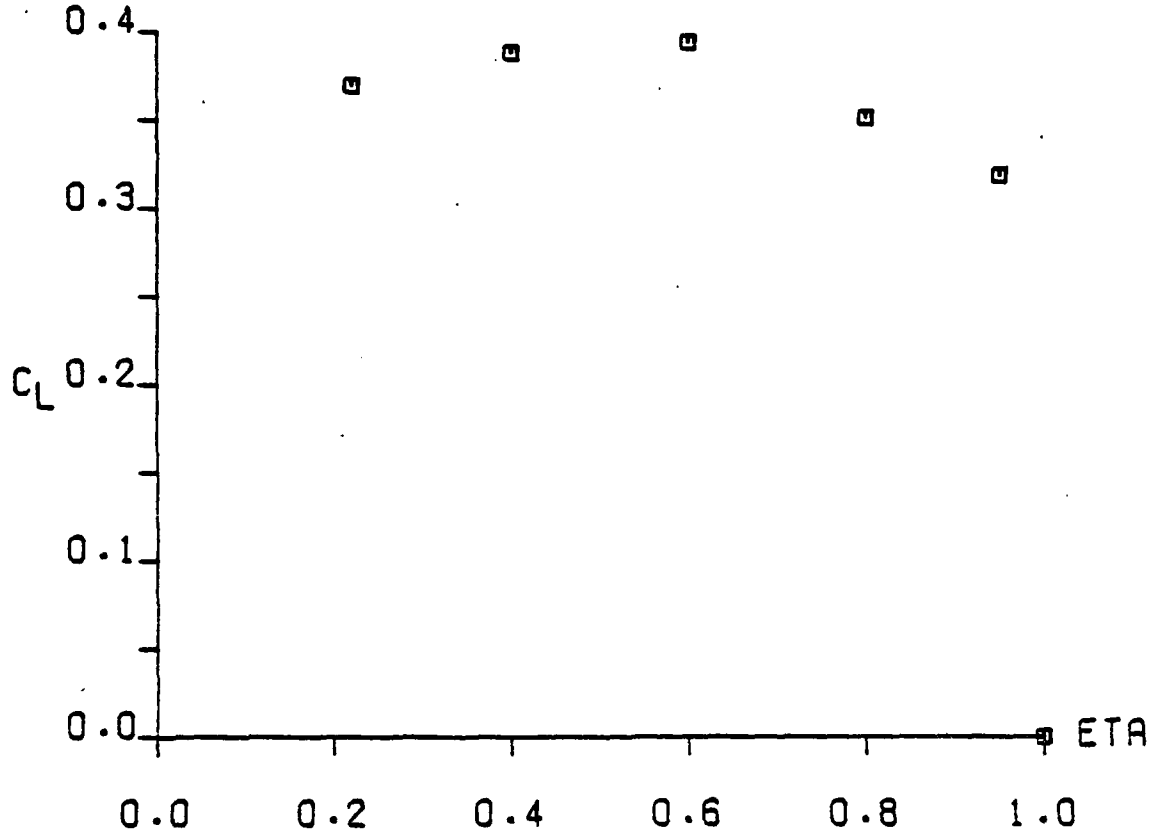
LOCKHEED CFWT SEMI-SPAN TEST, RUN 234
TITLE
AFOSR SEMISPAN MODEL B

MACH NO = 0.703
ALPHA = 2.979
CLG = 0.363

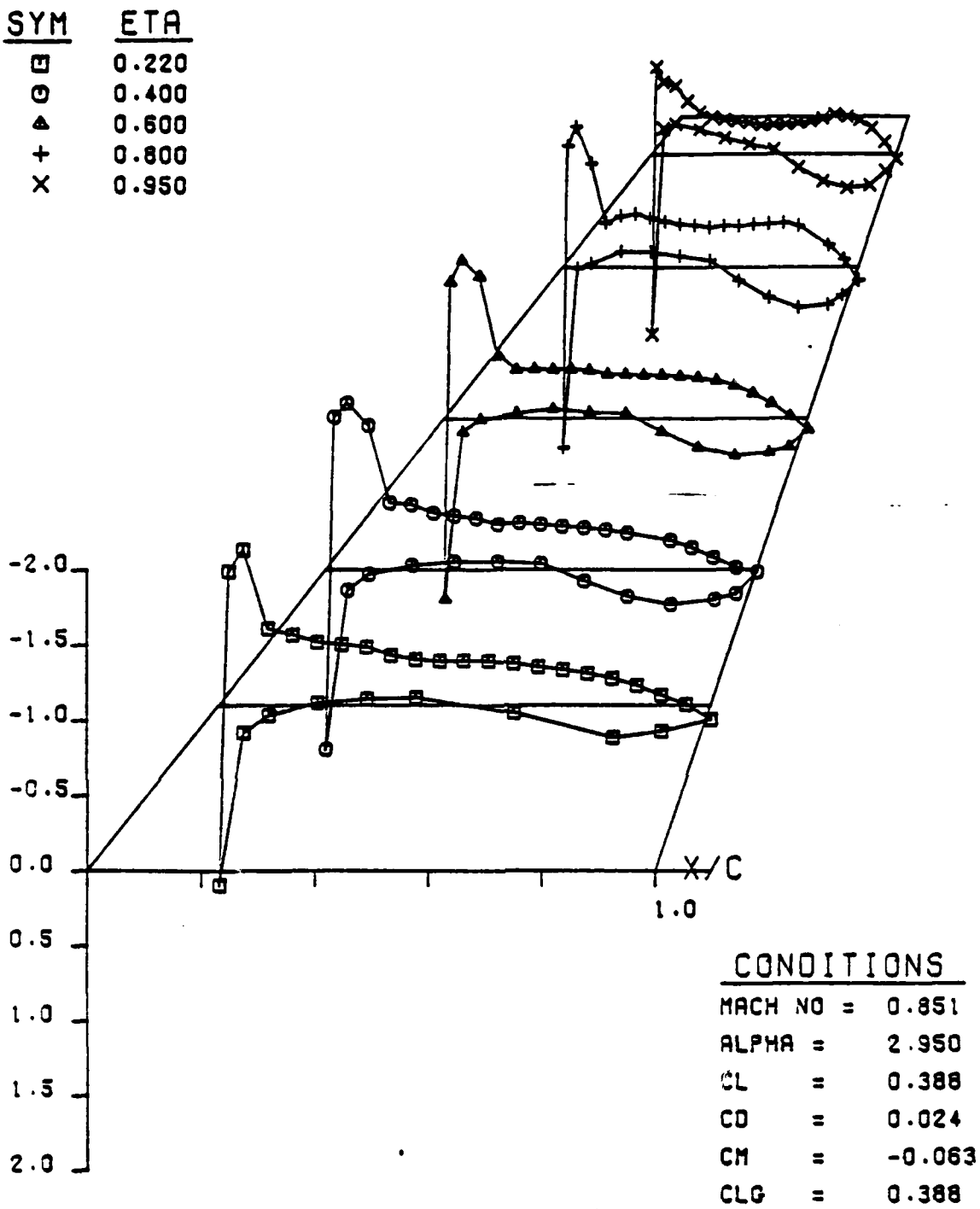


LOCKHEED CFWT SEMI-SPAN TEST, RUN 234
TITLE
AFOSR SEMISPAN MODEL B

MACH NO = 0.703
ALPHA = 2.979
CLG = 0.363



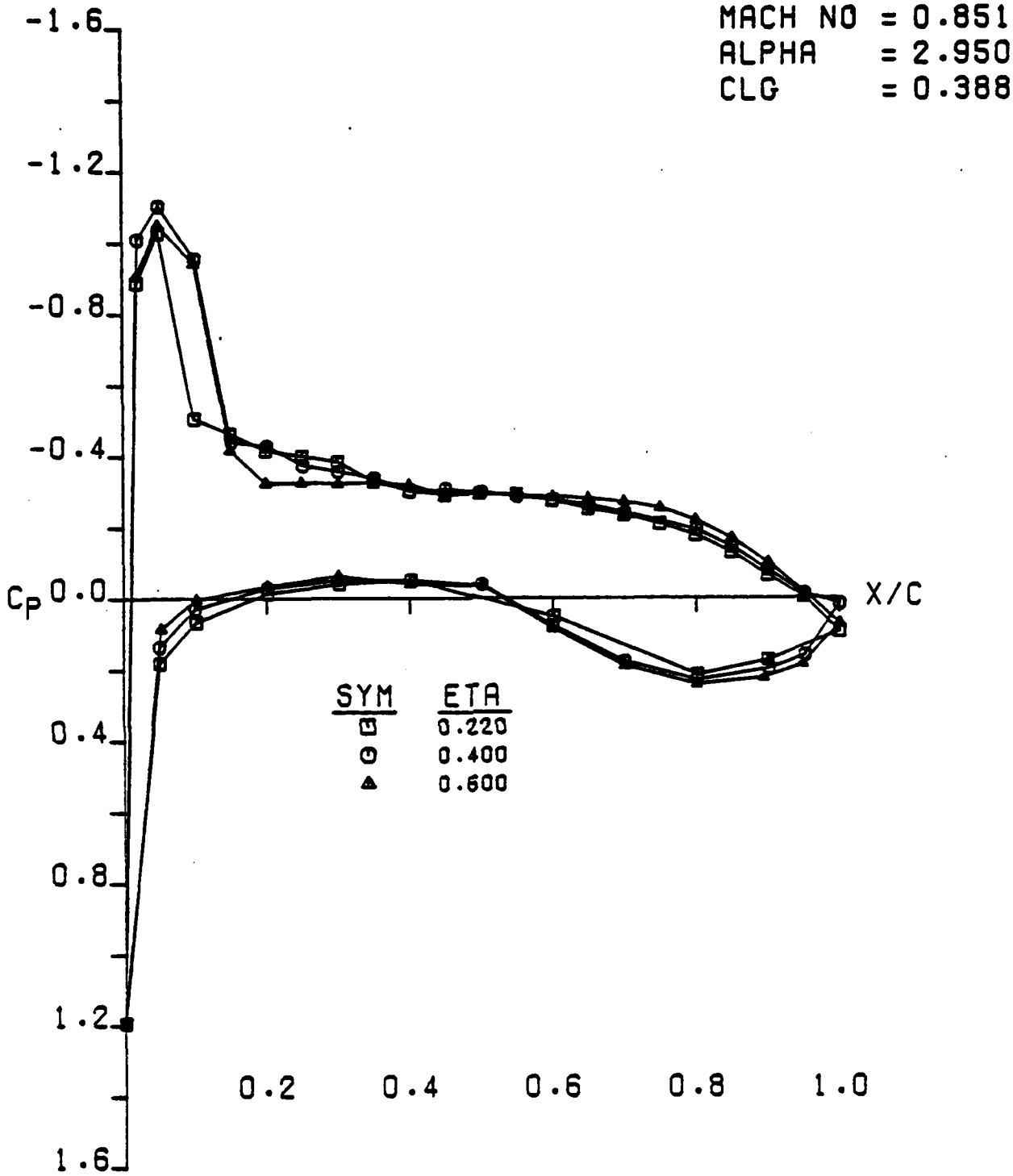
LOCKHEED CFWT SEMI-SPAN TEST, RUN 234
TITLE
AFOSR SEMISPAN MODEL B



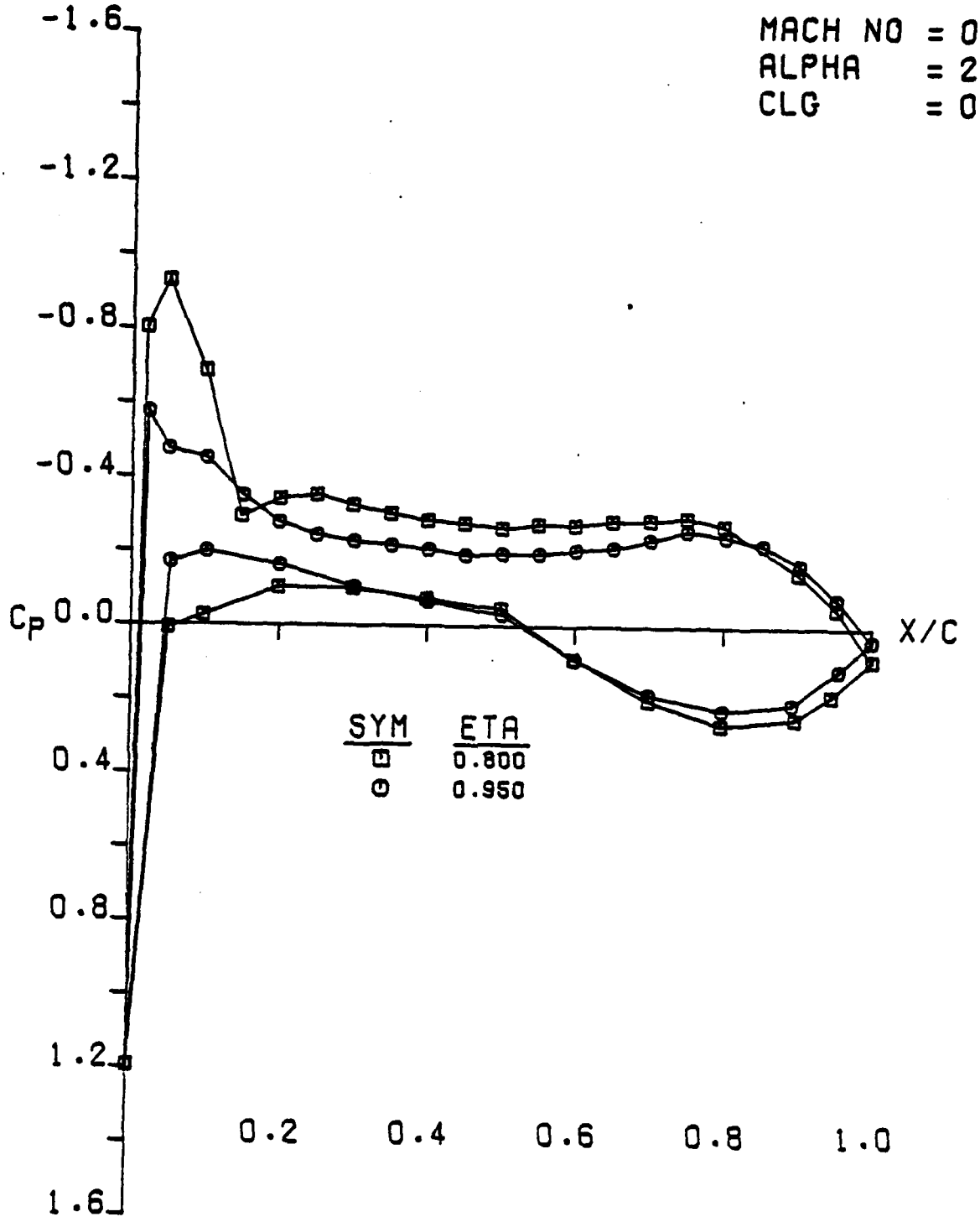
LOCKHEED CFWT SEMI-SPAN TEST, RUN 15

TITLE

AFOSR SEMISPAN MODEL B

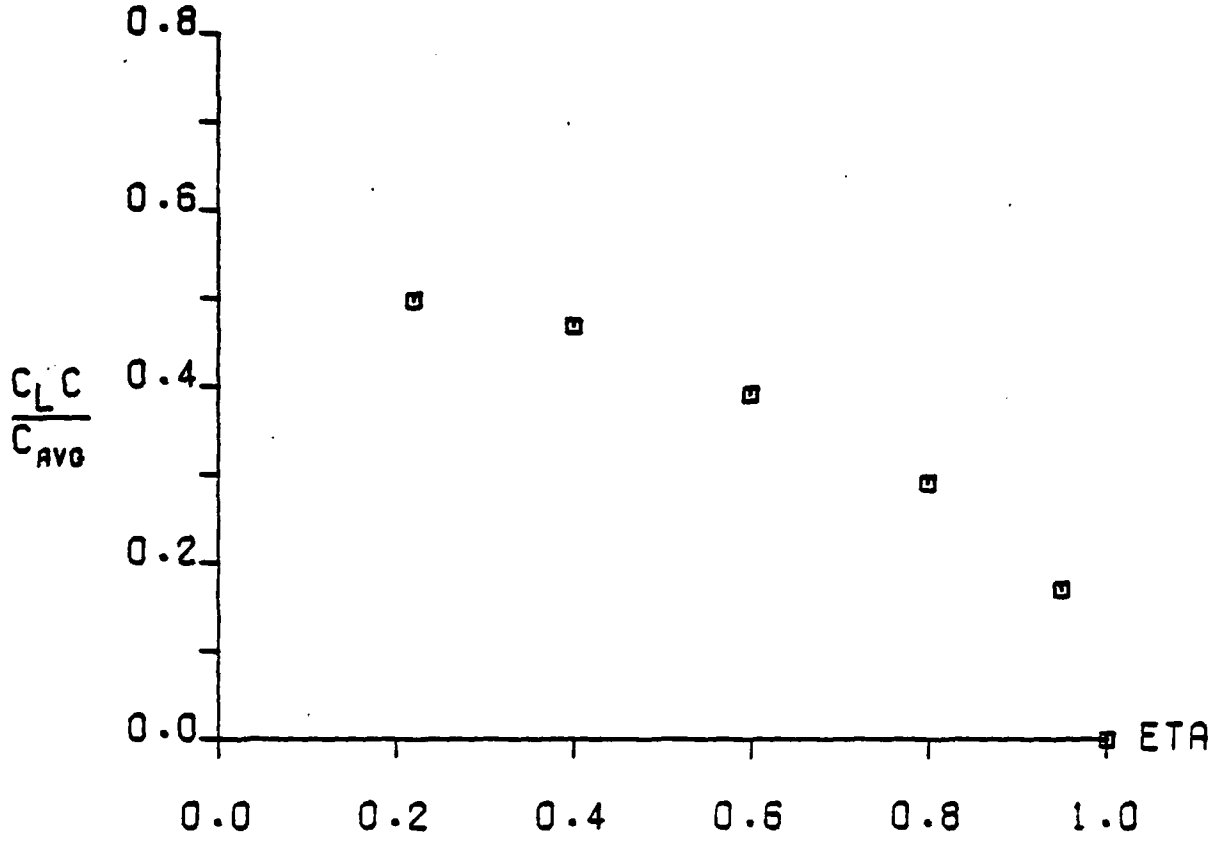


LOCKHEED CFWT SEMI-SPAN TEST, RUN 15
TITLE
AFOSR SEMISPAN MODEL B



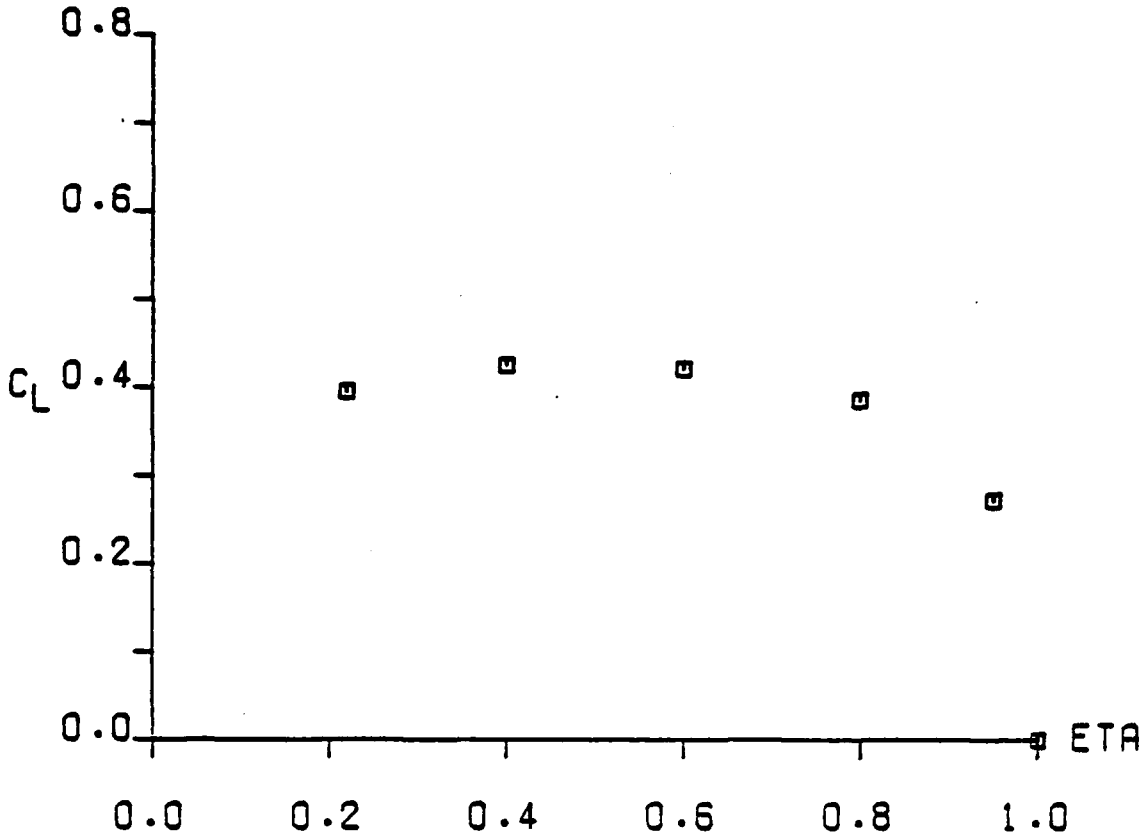
LOCKHEED CFWT SEMI-SPAN TEST, RUN 15
TITLE
AFOSR SEMISPAN MODEL B

MACH NO = 0.851
ALPHA = 2.950
CLG = 0.388

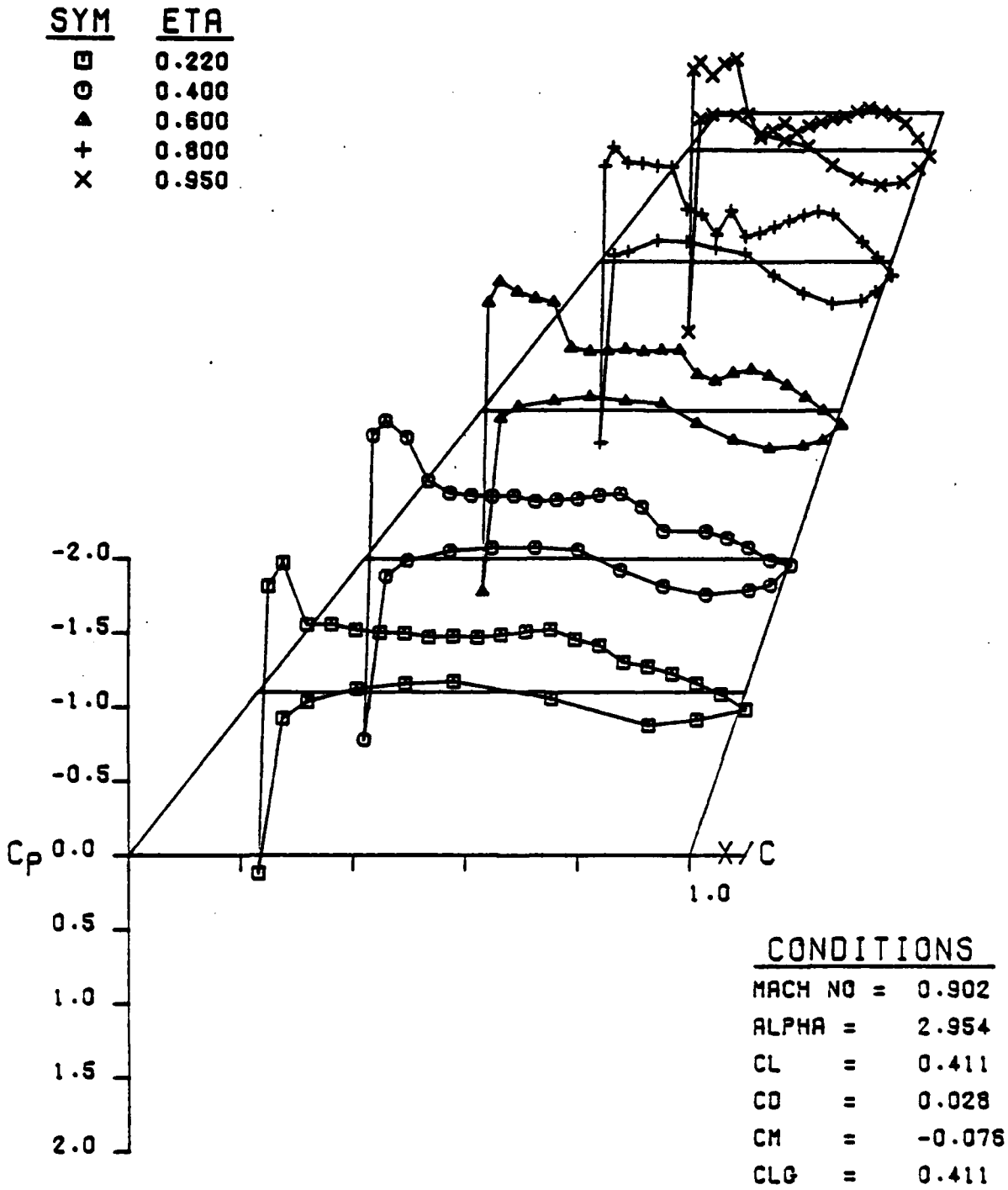


LOCKHEED CFWT SEMI-SPAN TEST, RUN 15
TITLE
AFOSR SEMISPAN MODEL B

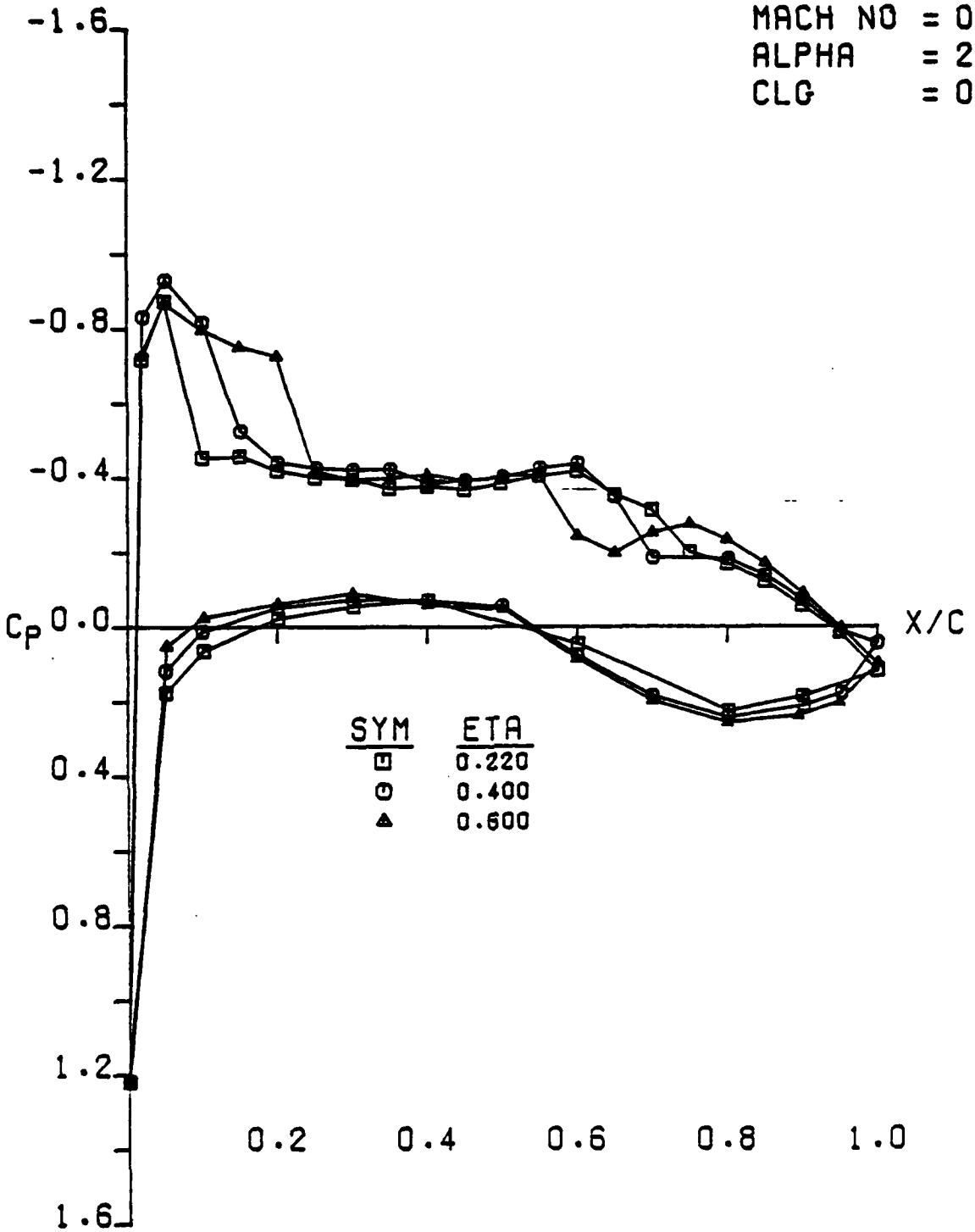
MACH NO = 0.851
ALPHA = 2.950
CLG = 0.388



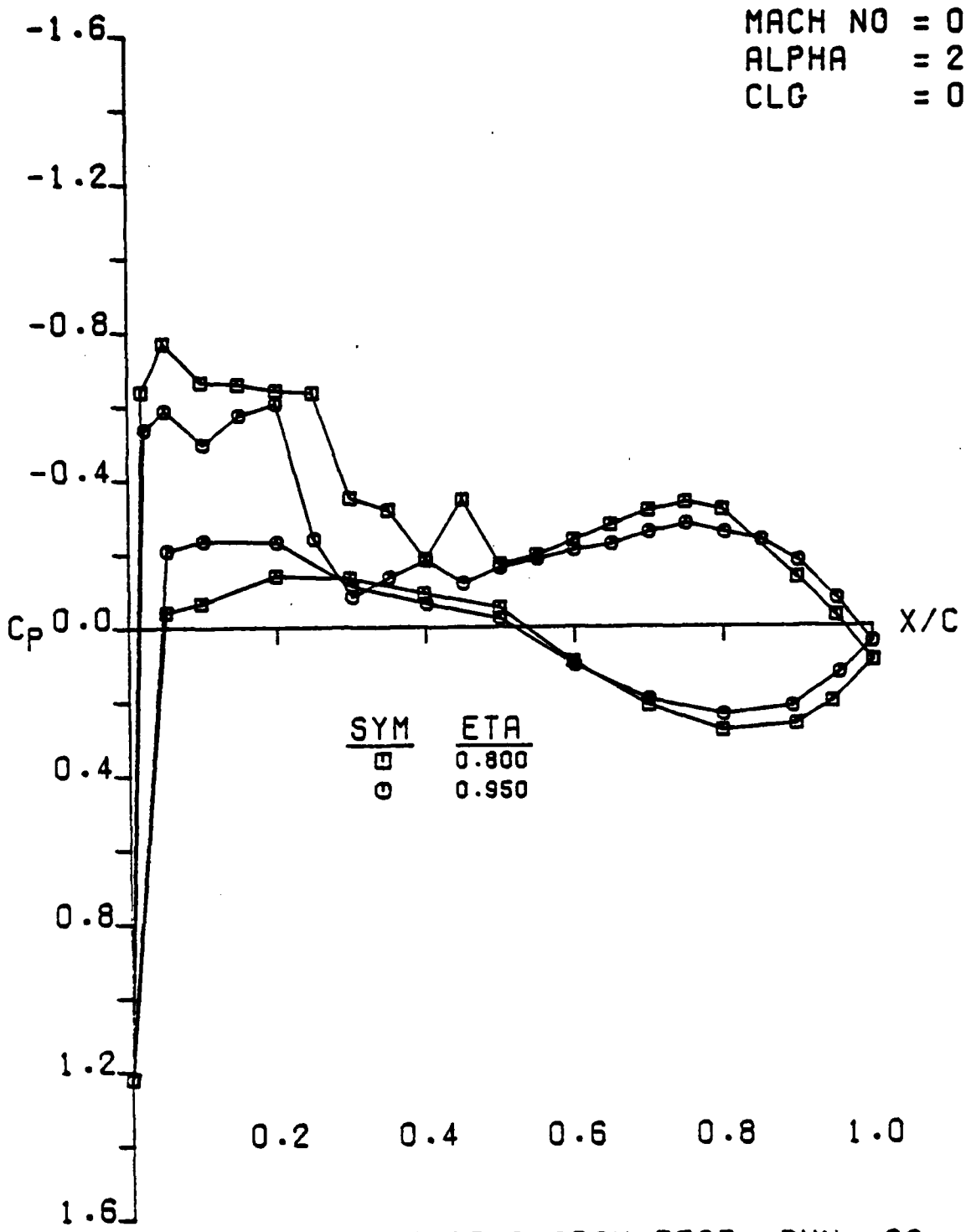
LOCKHEED CFWT SEMI-SPAN TEST, RUN 15
TITLE
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 28
TITLE
AFOSR SEMISPAN MODEL B

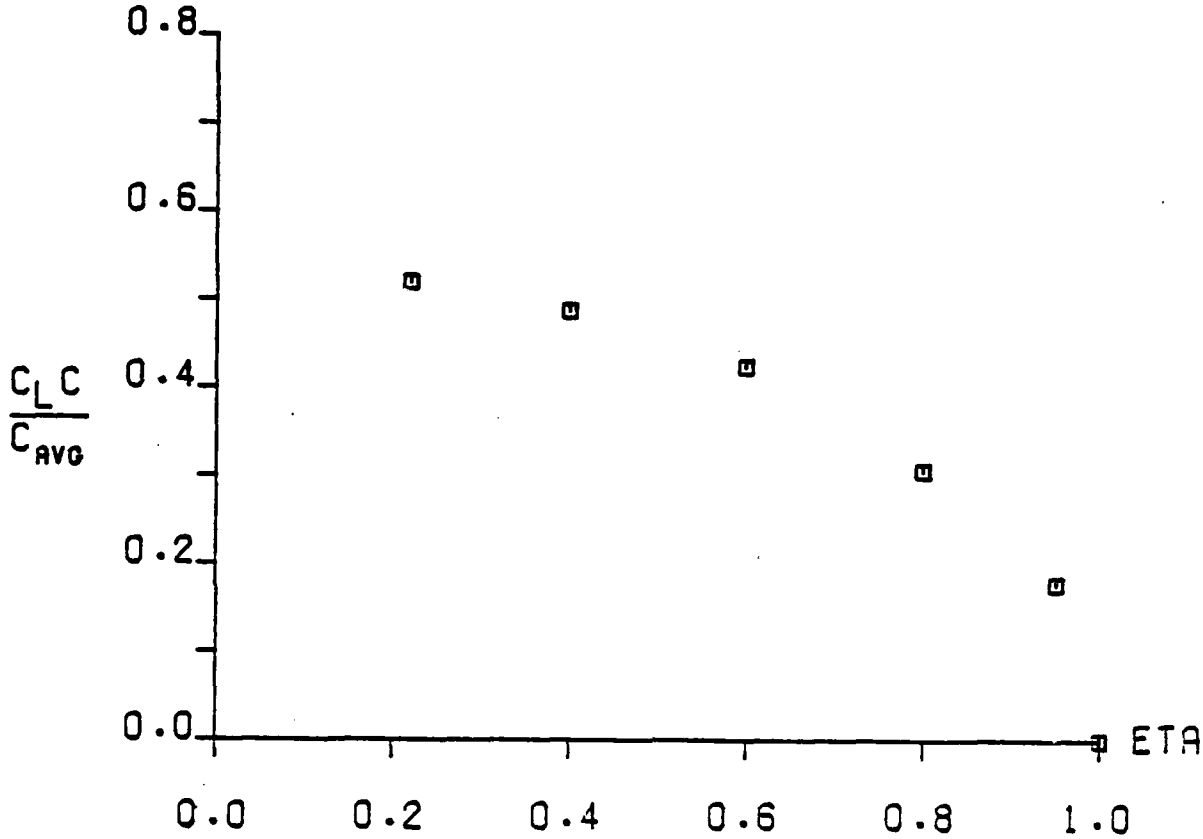


LOCKHEED CFWT SEMI-SPAN TEST, RUN 28
TITLE
AFOSR SEMISPAN MODEL B



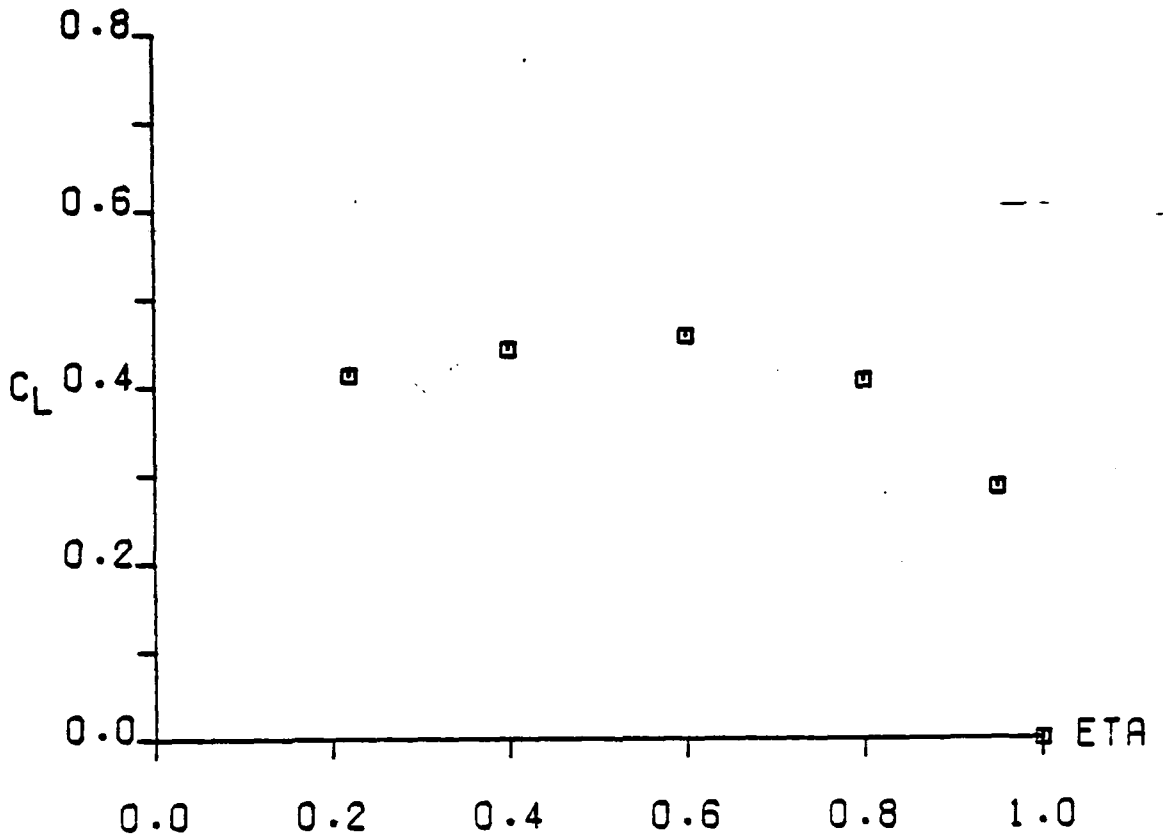
LOCKHEED CFWT SEMI-SPAN TEST, RUN 28
TITLE
AFOSR SEMISPAN MODEL B

MACH NO = 0.902
ALPHA = 2.954
CLG = 0.411

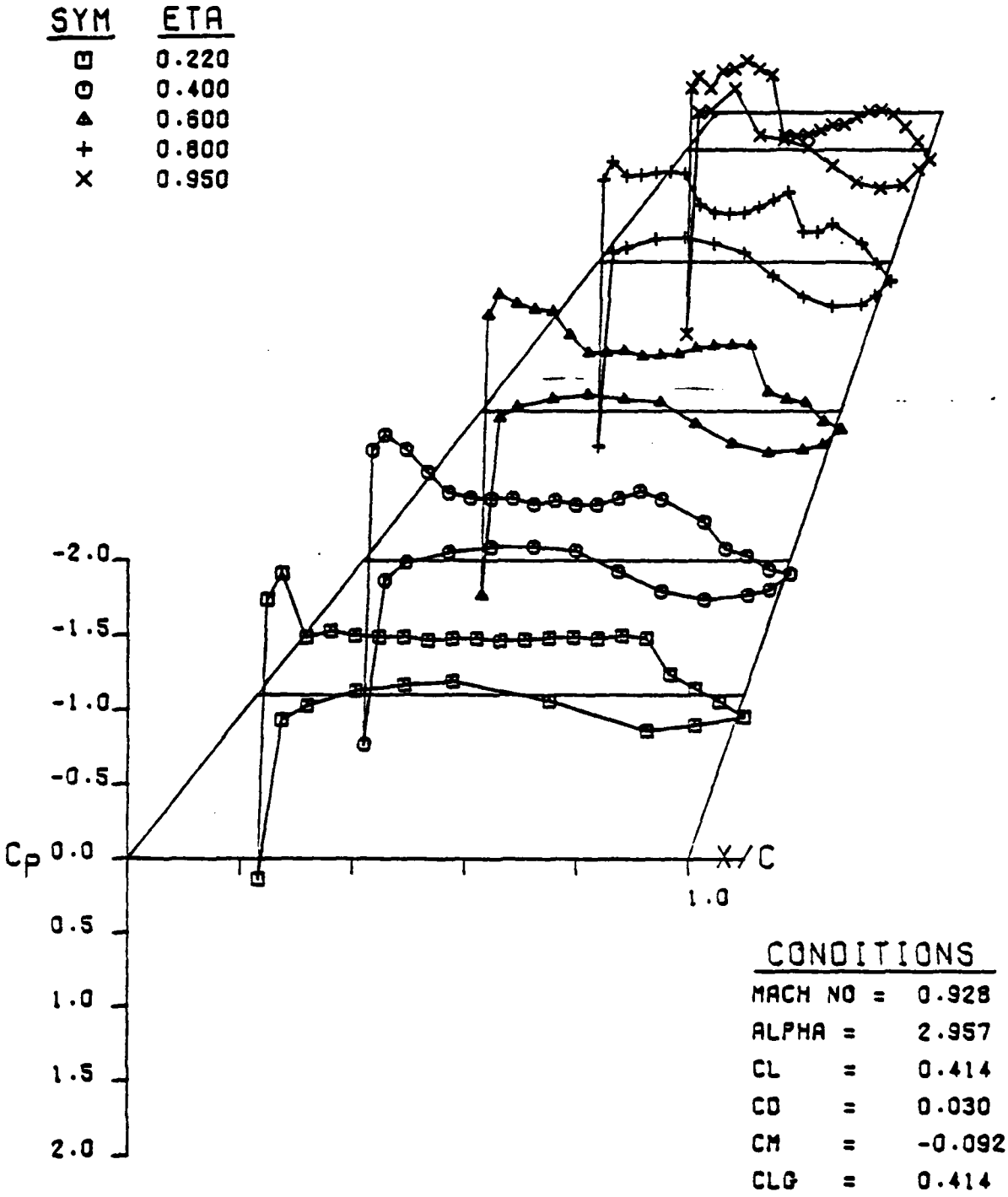


LOCKHEED CFWT SEMI-SPAN TEST, RUN 28
TITLE
AFOSR SEMISPAN MODEL B

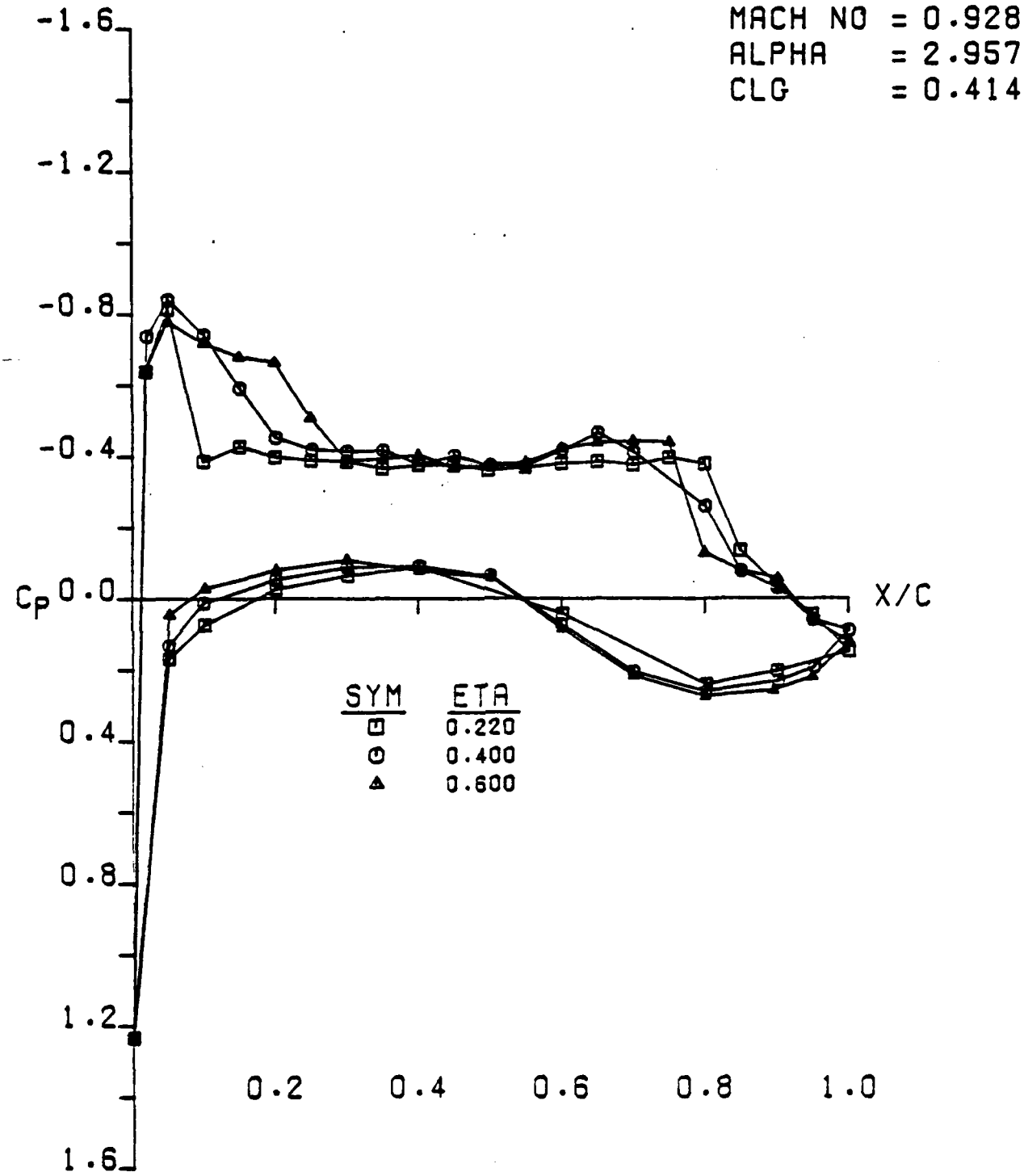
MACH NO = 0.902
ALPHA = 2.954
CLG = 0.411



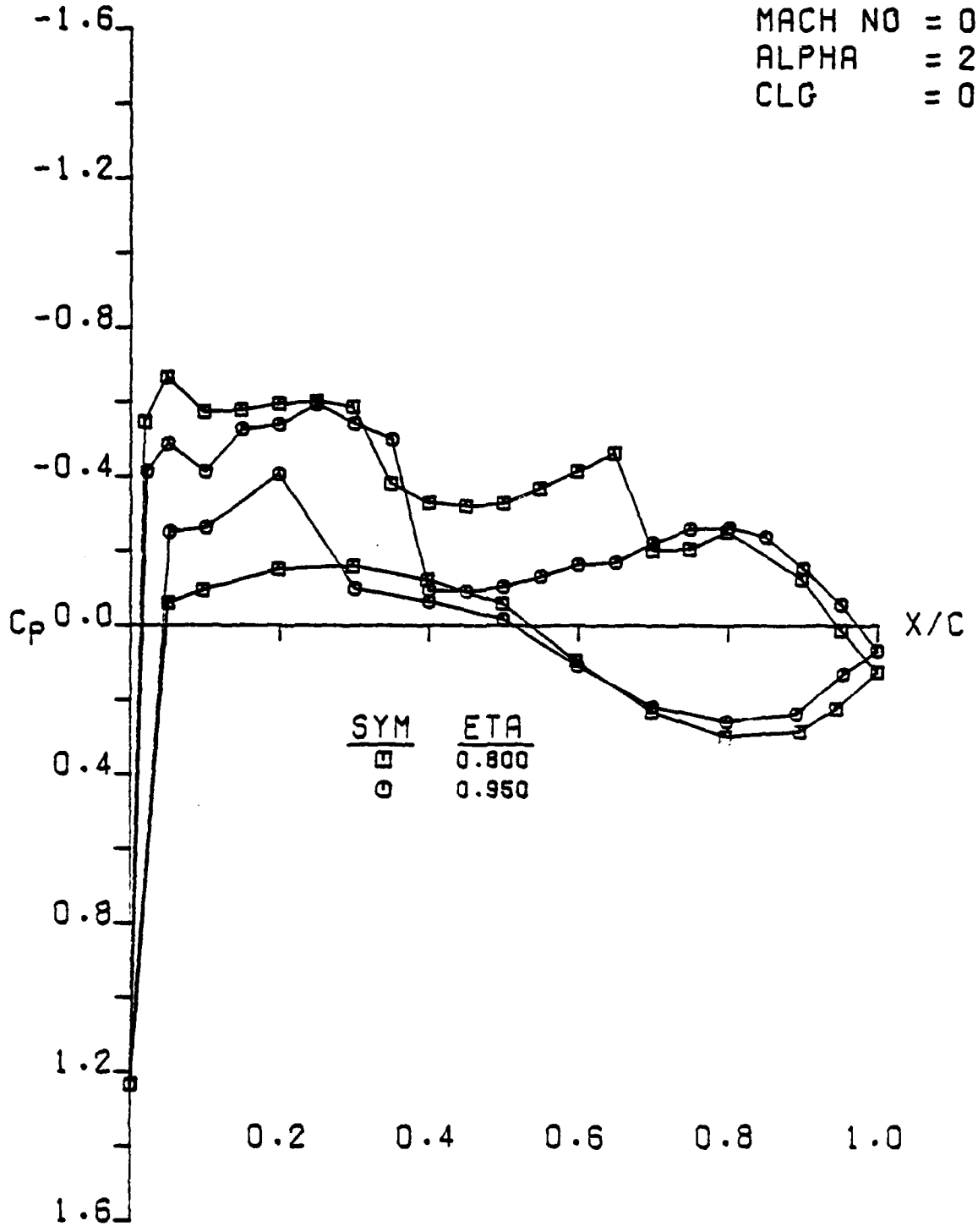
LOCKHEED CFWT SEMI-SPAN TEST, RUN 28
TITLE
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 69
TITLE
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 69
TITLE
AFOSR SEMISPAN MODEL B

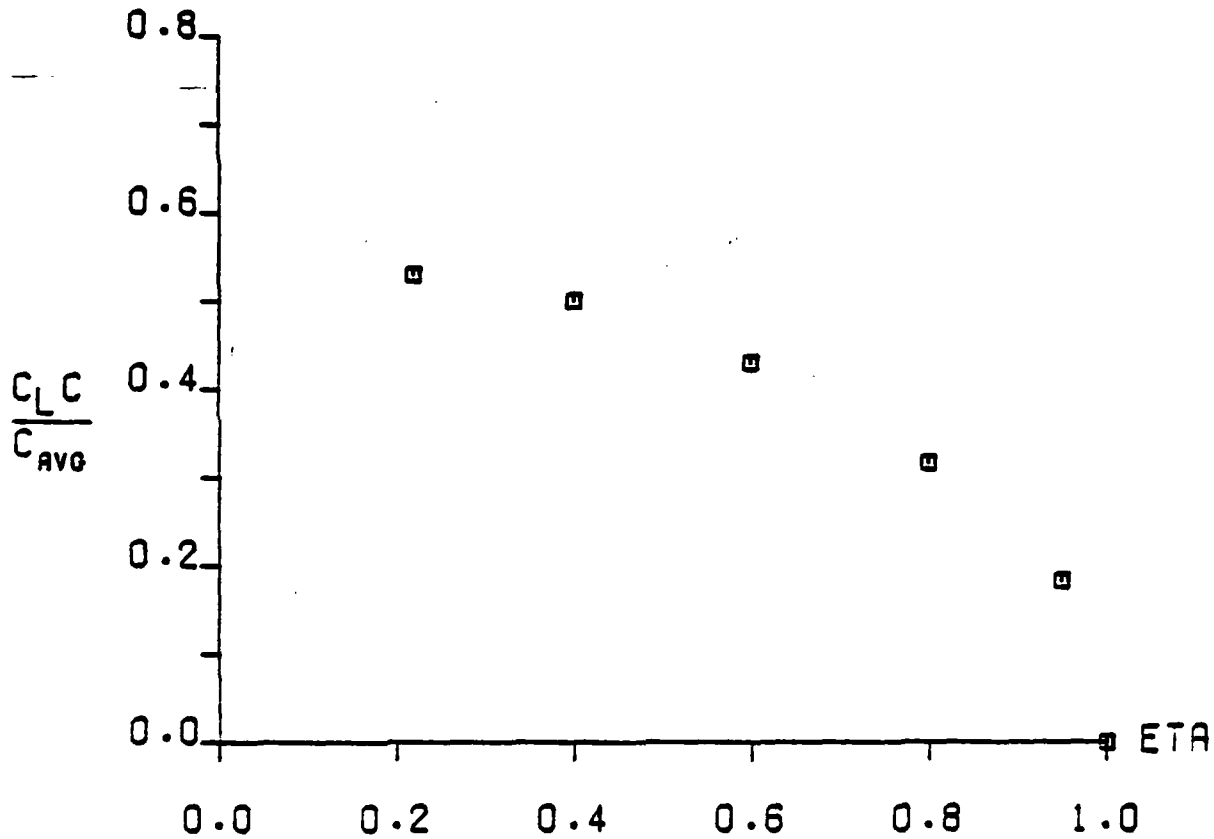


LOCKHEED CFWT SEMI-SPAN TEST. RUN 69
TITLE
AFOSR SEMISPAN MODEL B

AD-A085 259 LOCKHEED-GEORGIA CO MARIETTA F/G 20/4
ACQUISITION AND APPLICATION OF TRANSONIC WING AND FAR-FIELD TES--ETC(U)
MAR 80 B L HINSON, K P BURDGES F49620-78-C-0068
UNCLASSIFIED LG80ER0012-VOL-2 AFOSR-TR-80-0422-VOL-2-APP NL

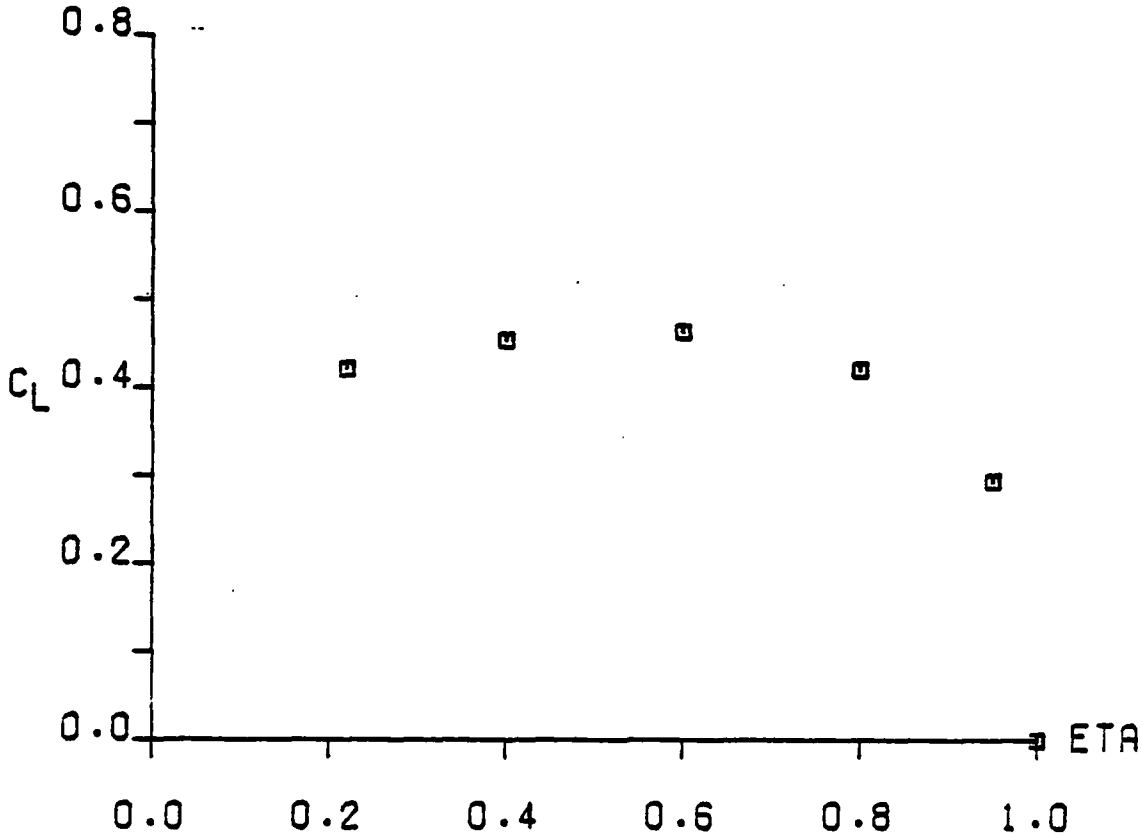
4 OF 8
AD
A085259

MACH NO = 0.928
ALPHA = 2.957
CLG = 0.414

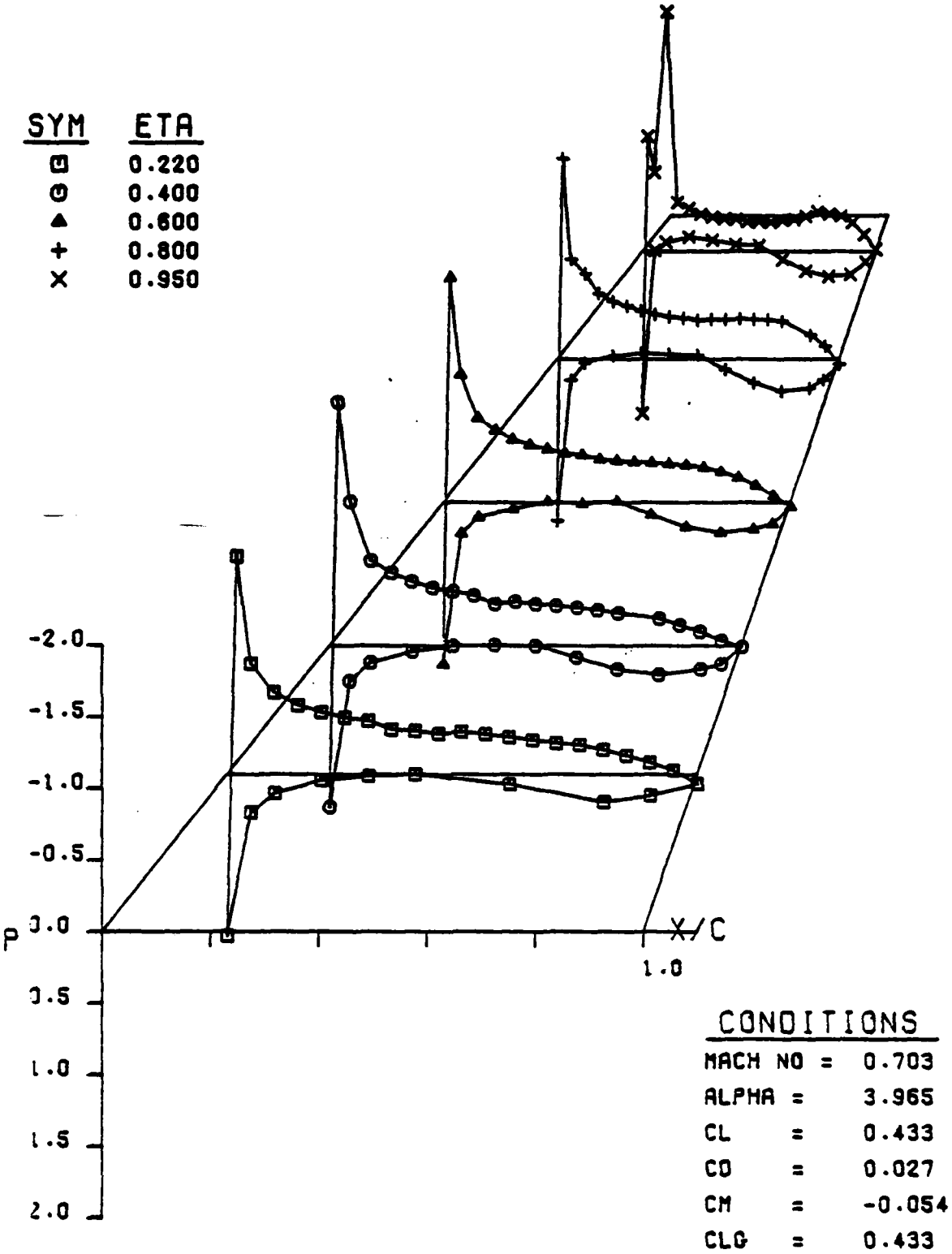


LOCKHEED CFWT SEMI-SPAN TEST, RUN 69
TITLE
AFOSR SEMISPAN MODEL B

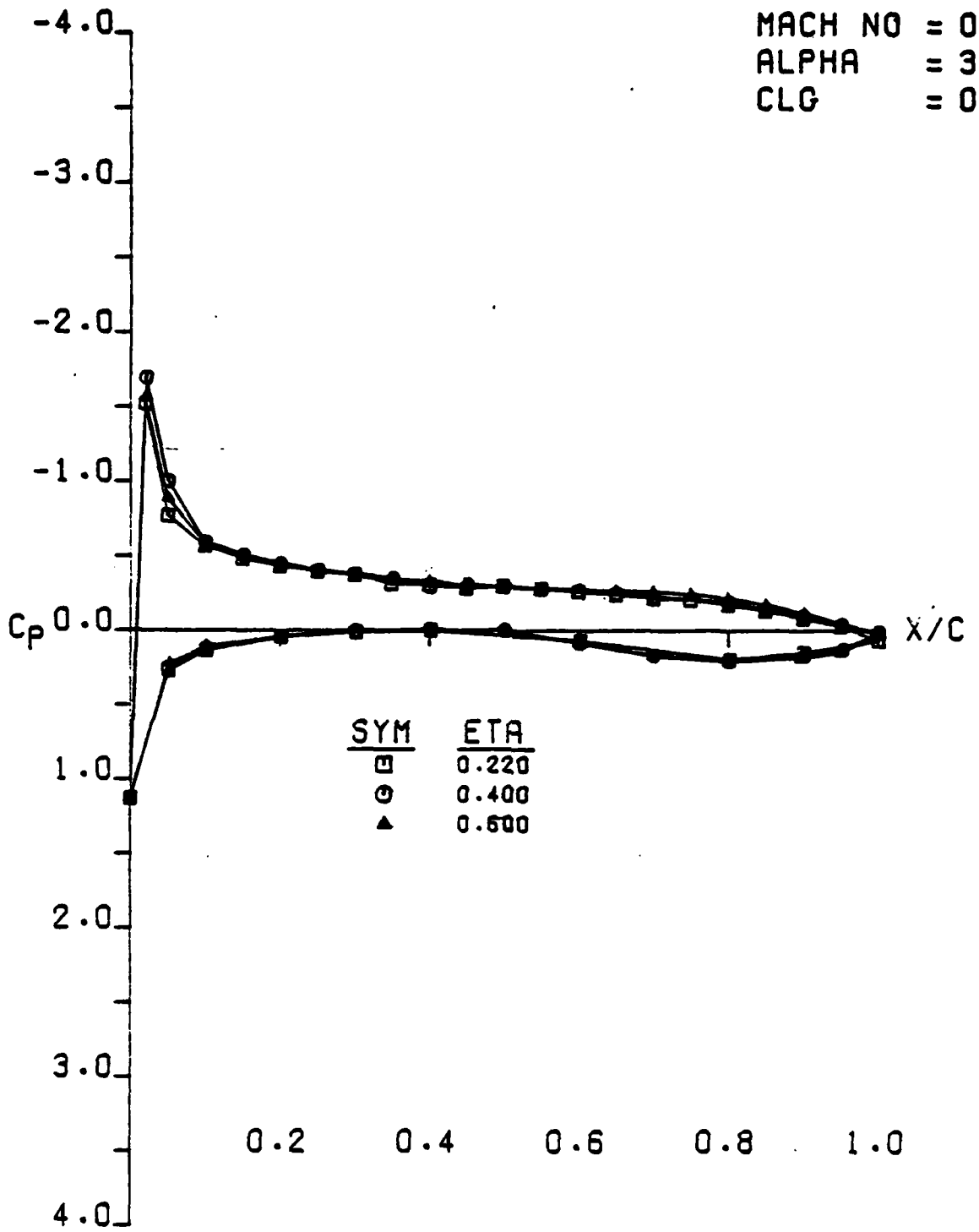
MACH NO = 0.928
ALPHA = 2.957
CLG = 0.414



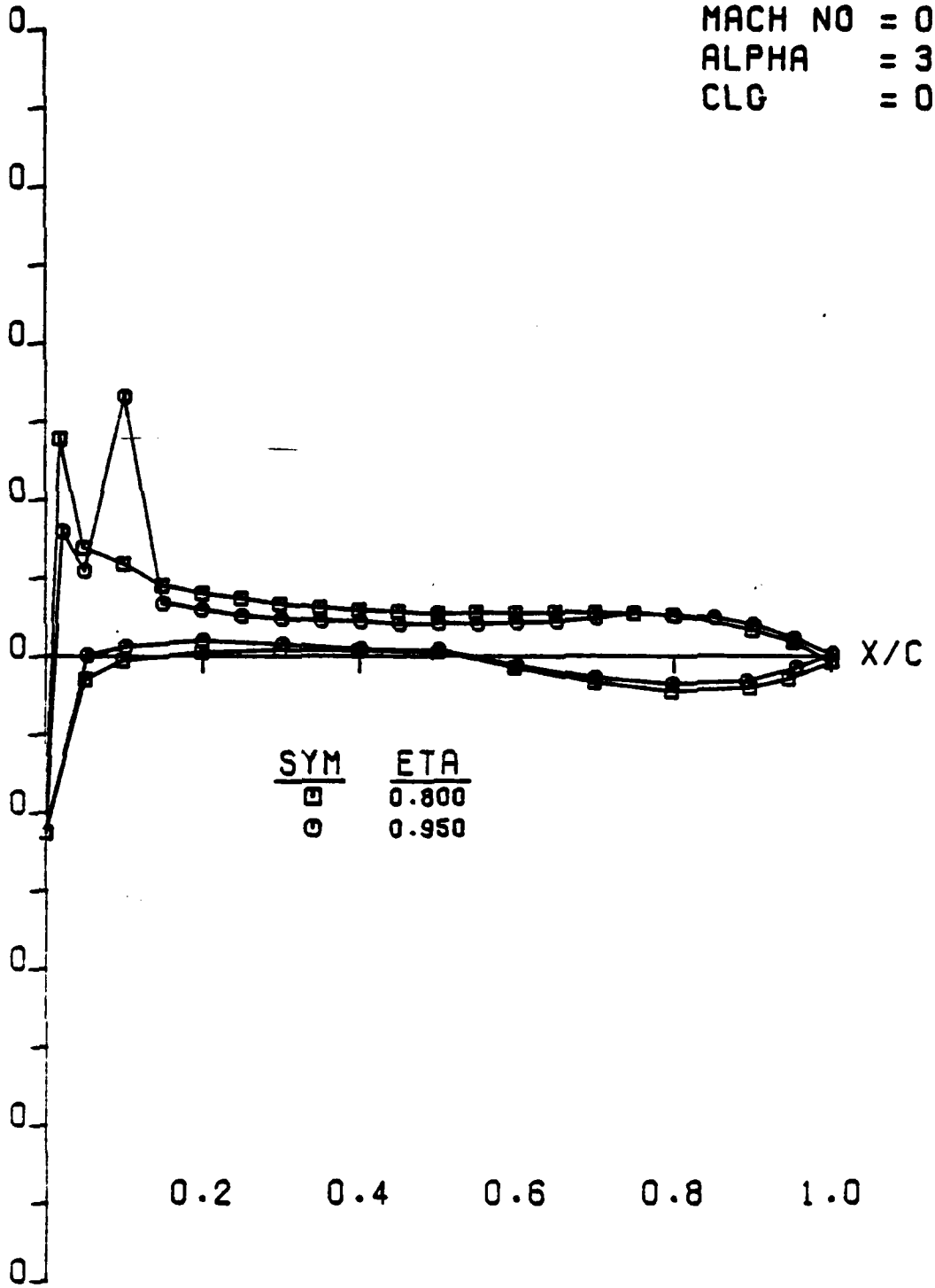
LOCKHEED CFWT SEMI-SPAN TEST, RUN 69
TITLE
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 235
TITLE
AFOSR SEMISPAN MODEL B

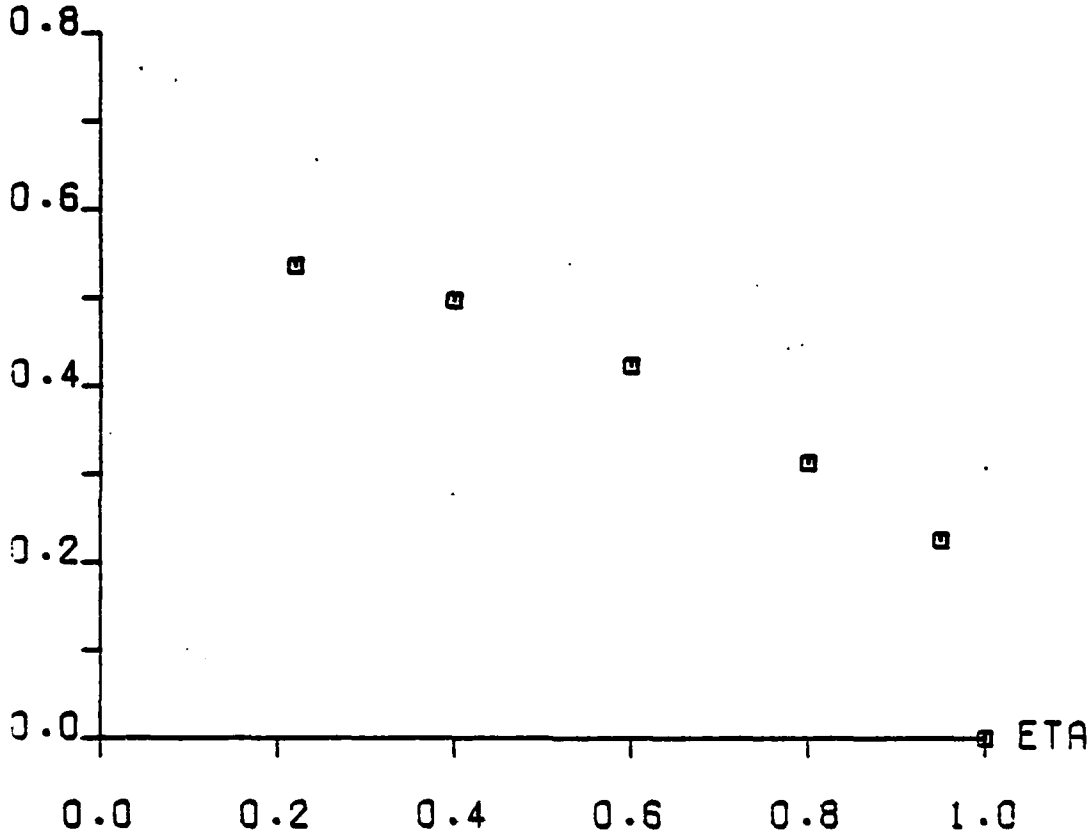


LOCKHEED CFWT SEMI-SPAN TEST, RUN 235
TITLE
AFOSR SEMISPAN MODEL B



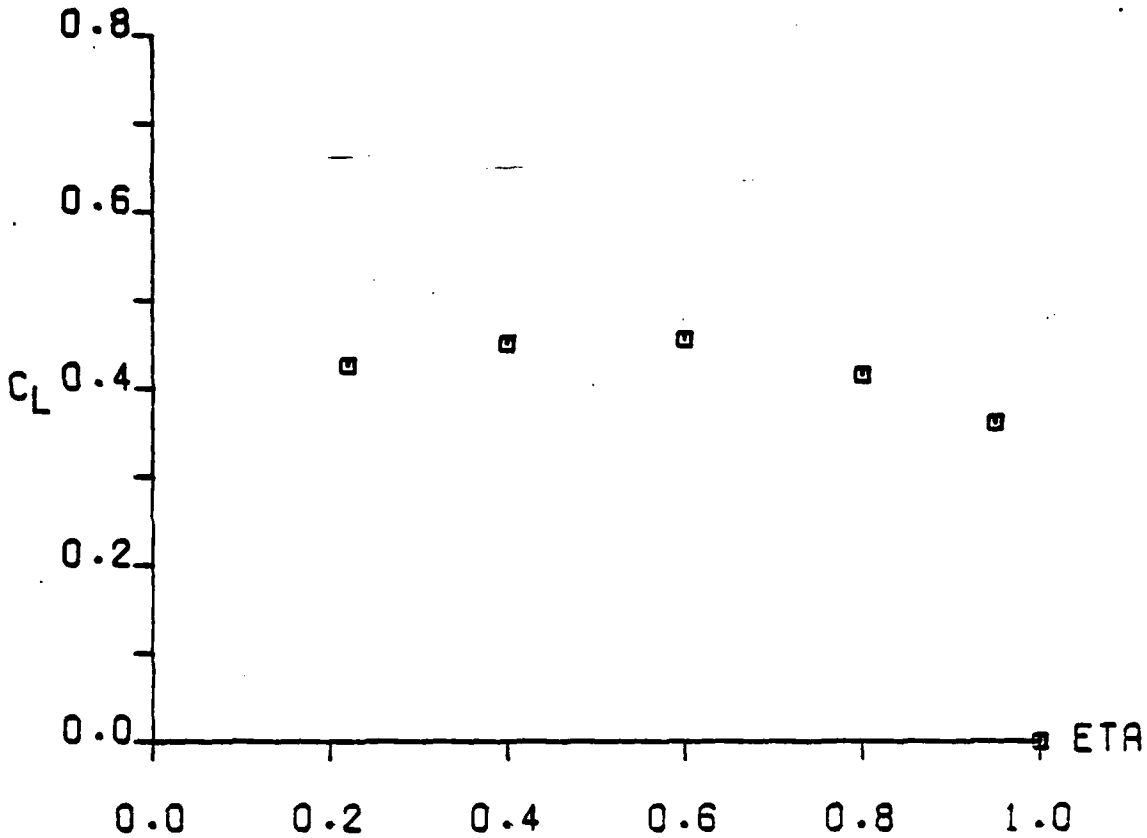
LOCKHEED CFWT SEMI-SPAN TEST, RUN 235
TITLE
AFOSR SEMISPAN MODEL B

MACH NO = 0.703
ALPHA = 3.965
CLG = 0.433

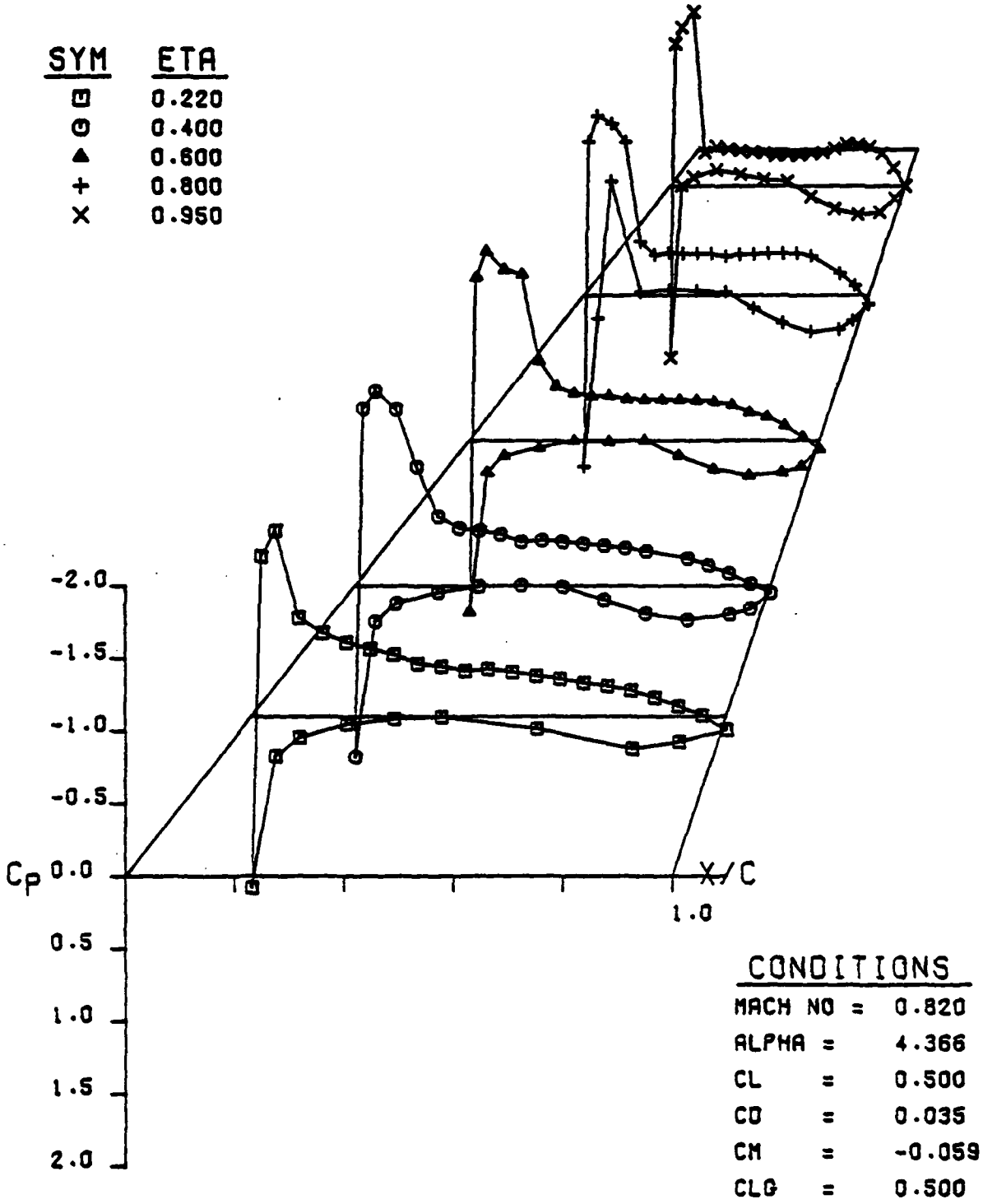


LOCKHEED CFWT SEMI-SPAN TEST, RUN 235
TITLE
AFOSR SEMISPAN MODEL B

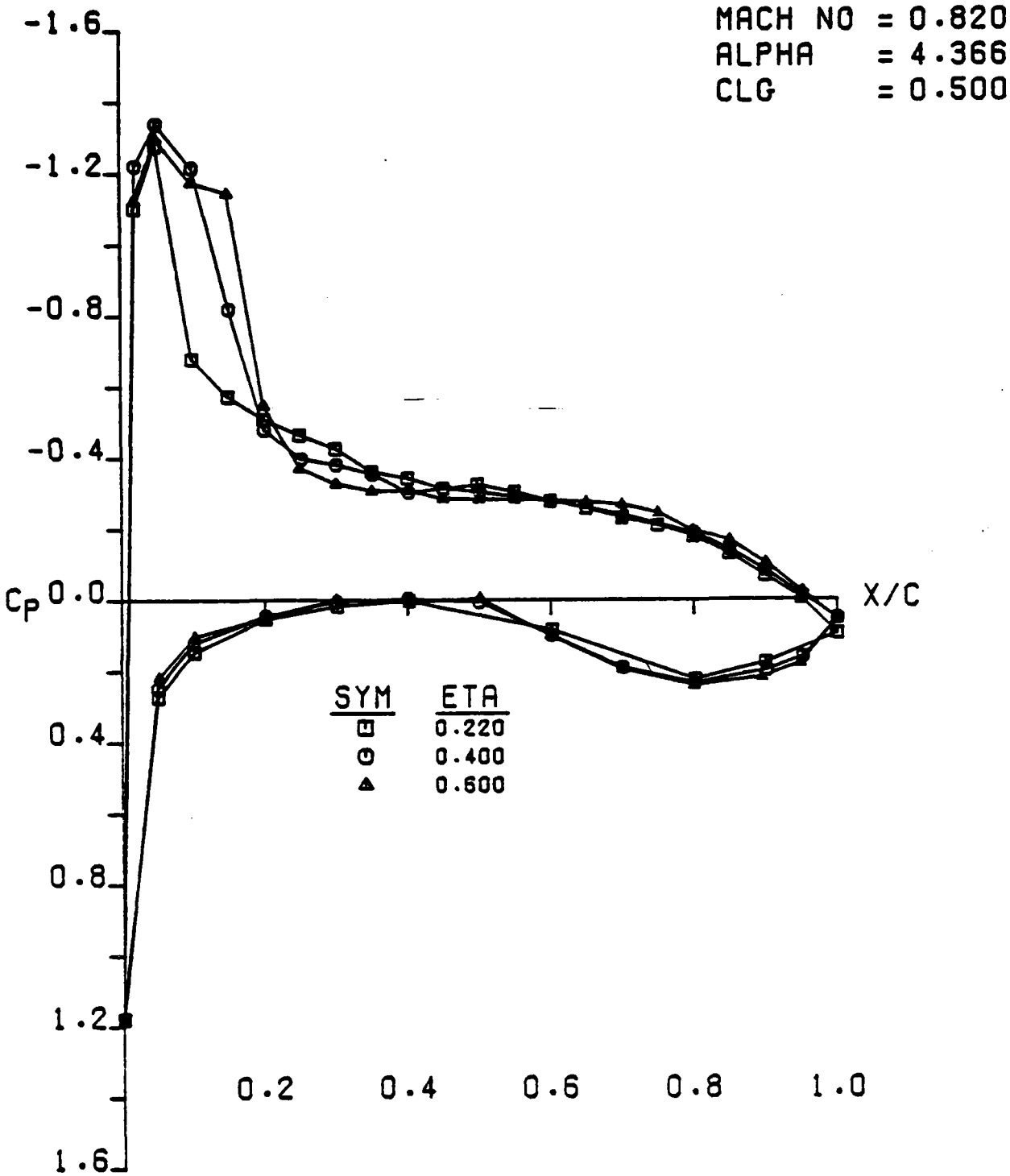
MACH NO = 0.703
ALPHA = 3.965
CLG = 0.433



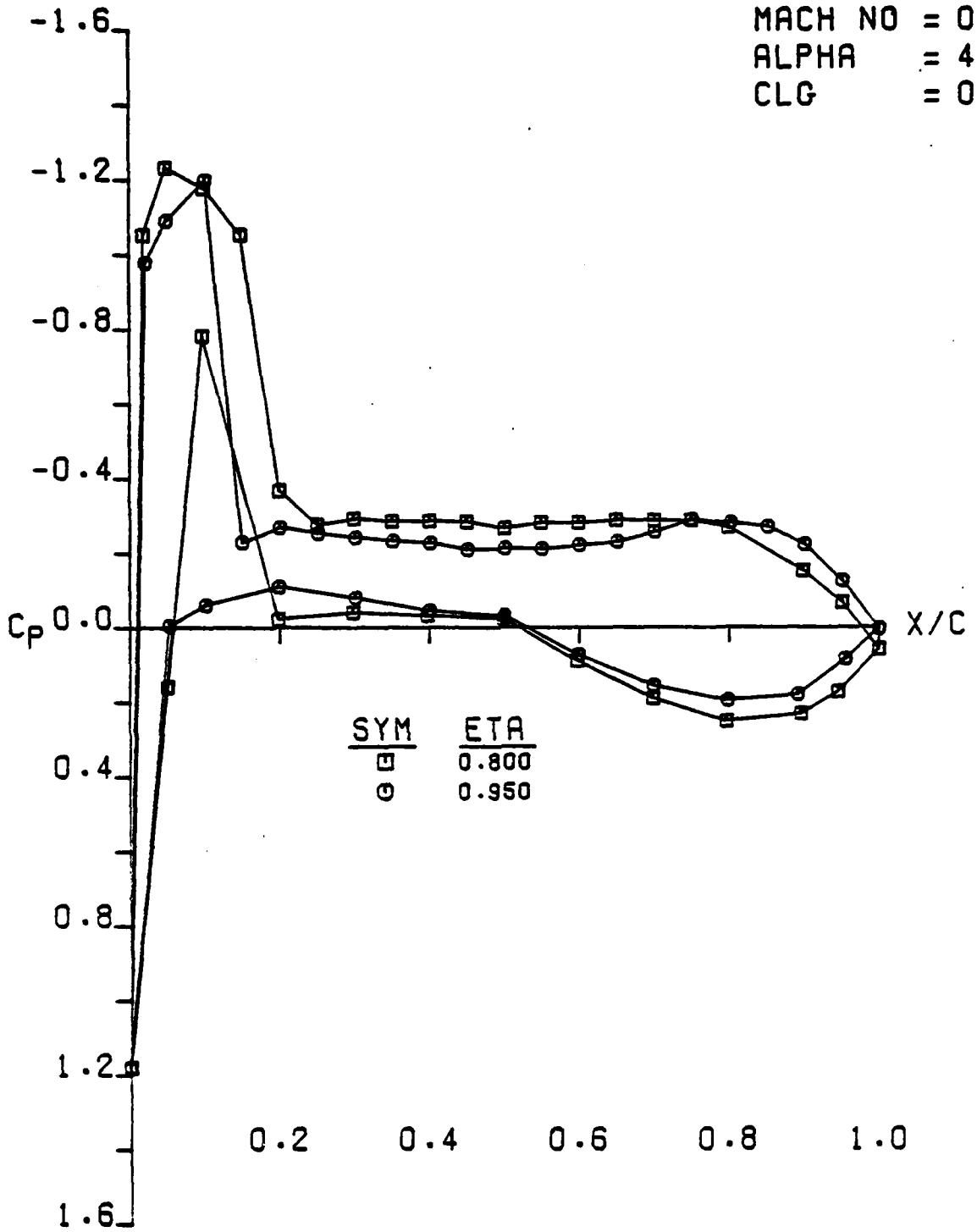
LOCKHEED CFWT SEMI-SPAN TEST, RUN 235
TITLE
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 192
TITLE
AFOSR SEMISPAN MODEL B

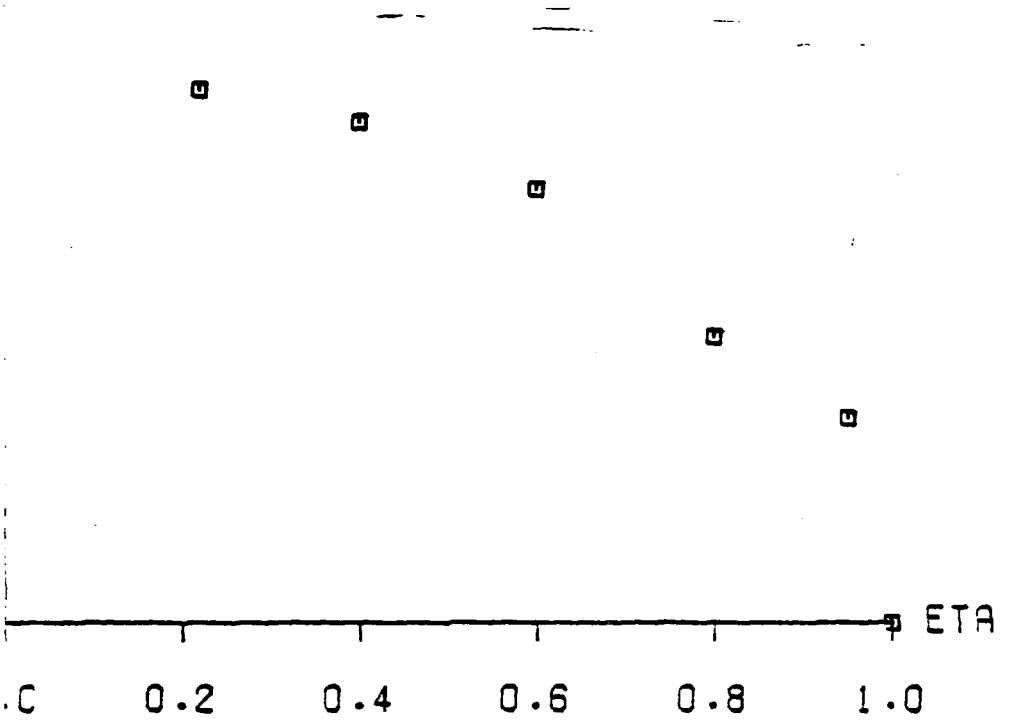


LOCKHEED CFWT SEMI-SPAN TEST, RUN 192
TITLE
AFOSR SEMISPAN MODEL B



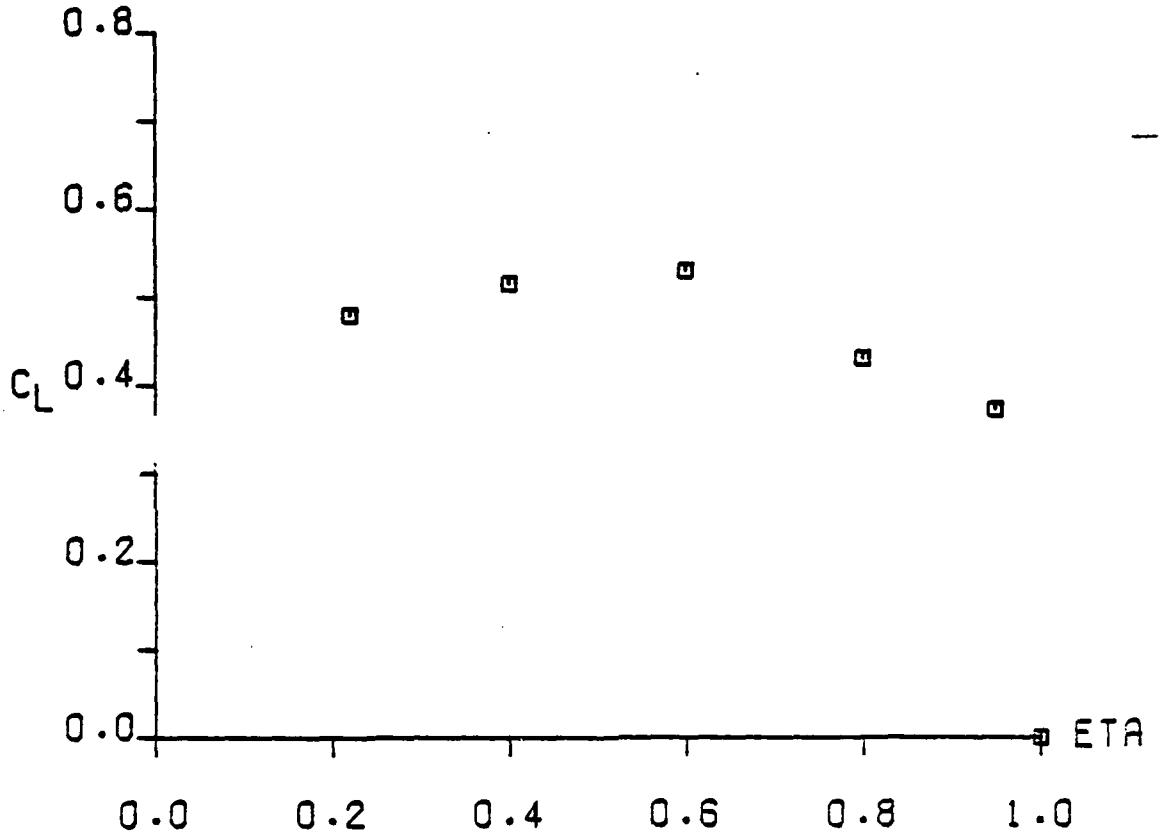
LOCKHEED CFWT SEMI-SPAN TEST, RUN 192
TITLE
AFOSR SEMISPAN MODEL B

MACH NO = 0.820
ALPHA = 4.366
CLG = 0.500

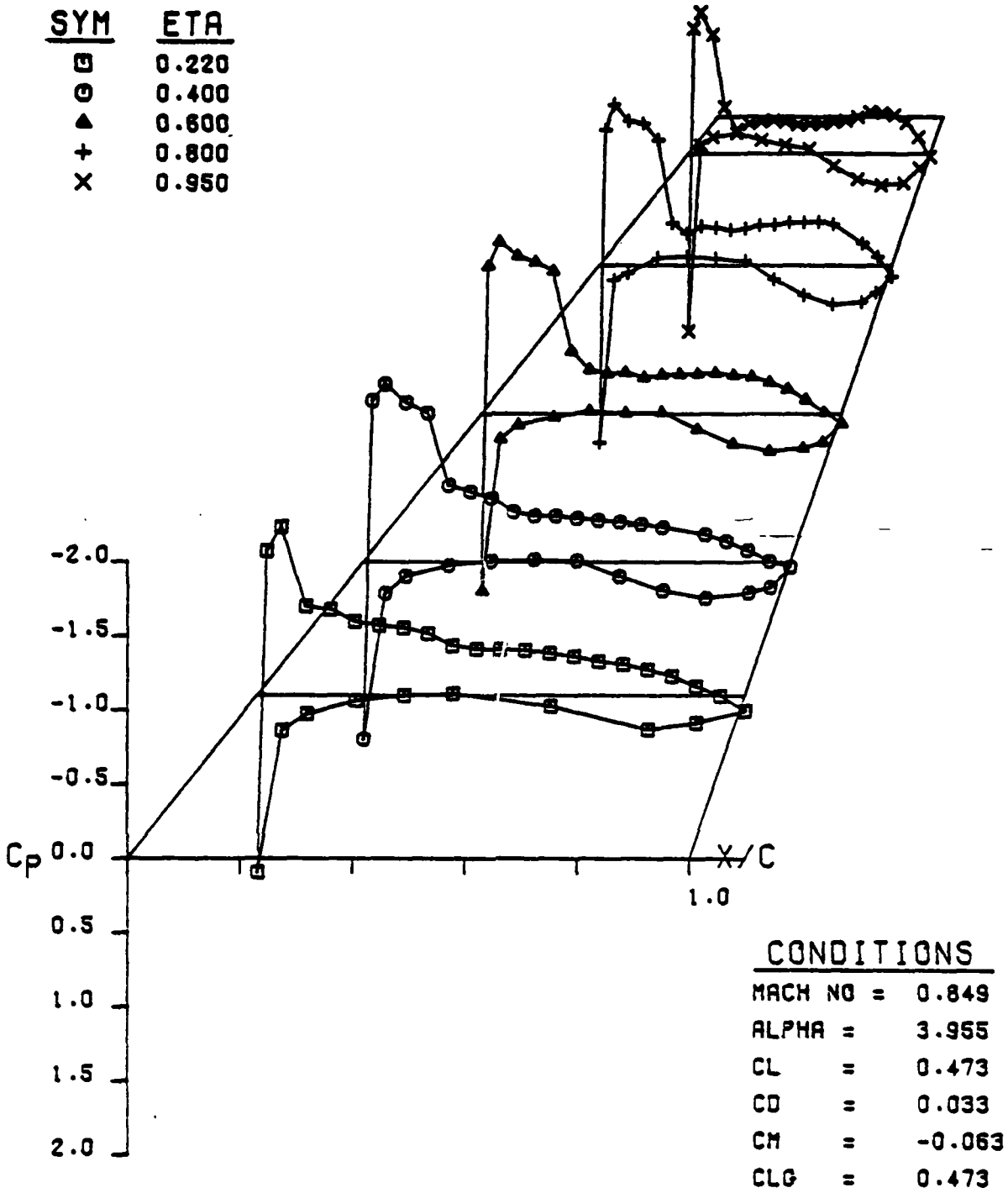


LOCKHEED CFWT SEMI-SPAN TEST, RUN 192
TITLE
AFOSR SEMISPAN MODEL B

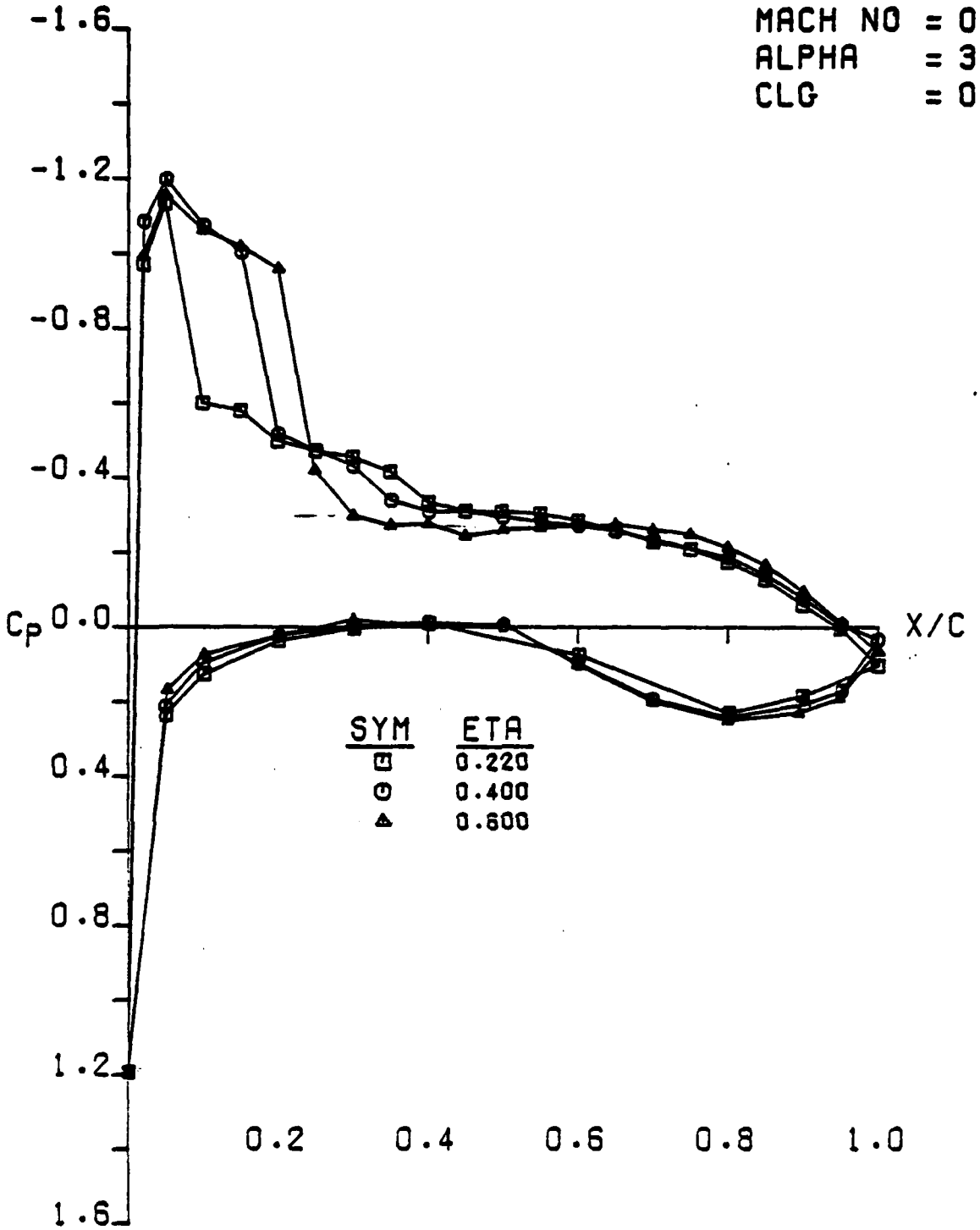
MACH NO = 0.820
ALPHA = 4.366
CLG = 0.500



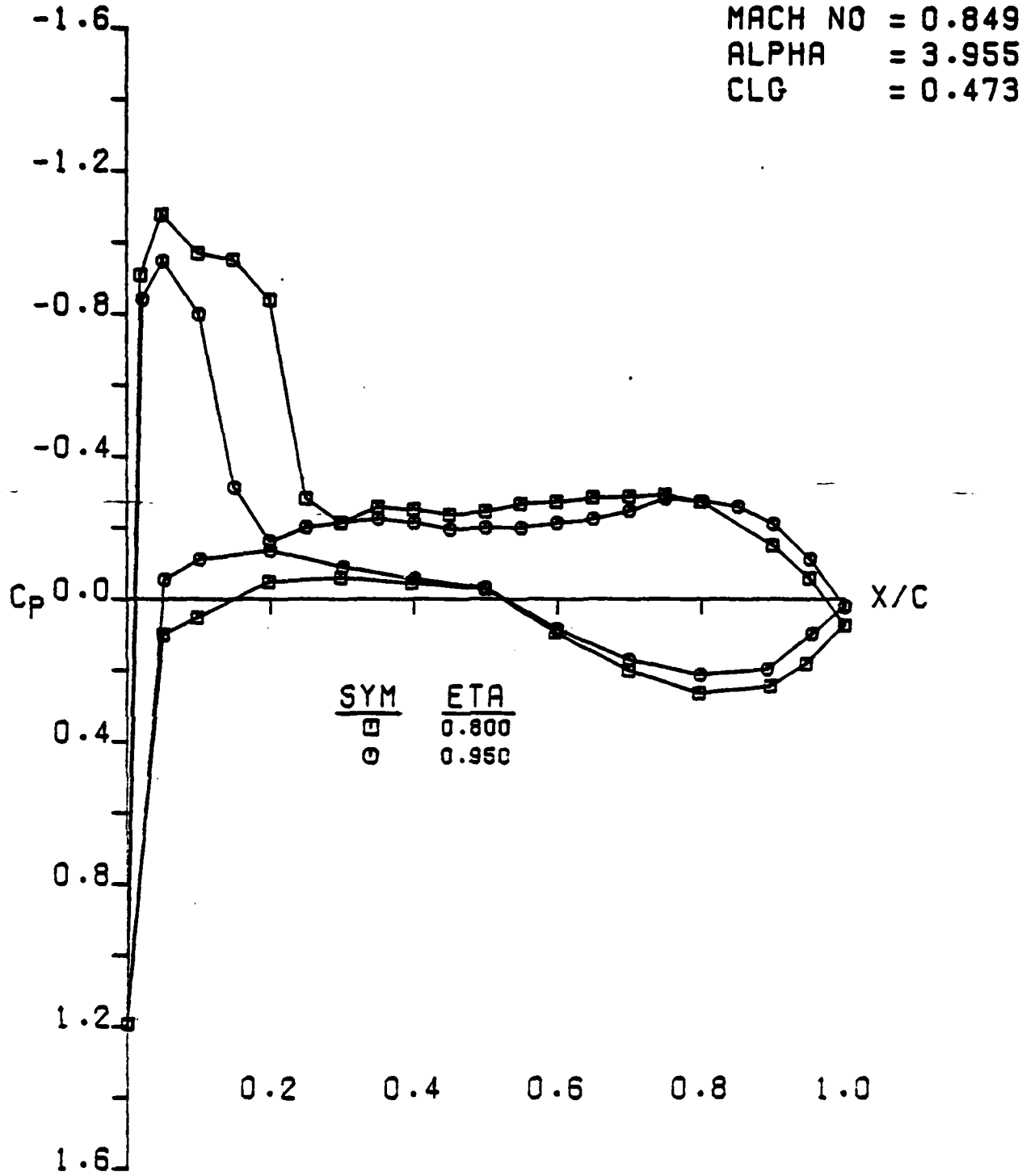
LOCKHEED CFWT SEMI-SPAN TEST, RUN 192
TITLE
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
TITLE
AFOSR SEMISPAN MODEL B

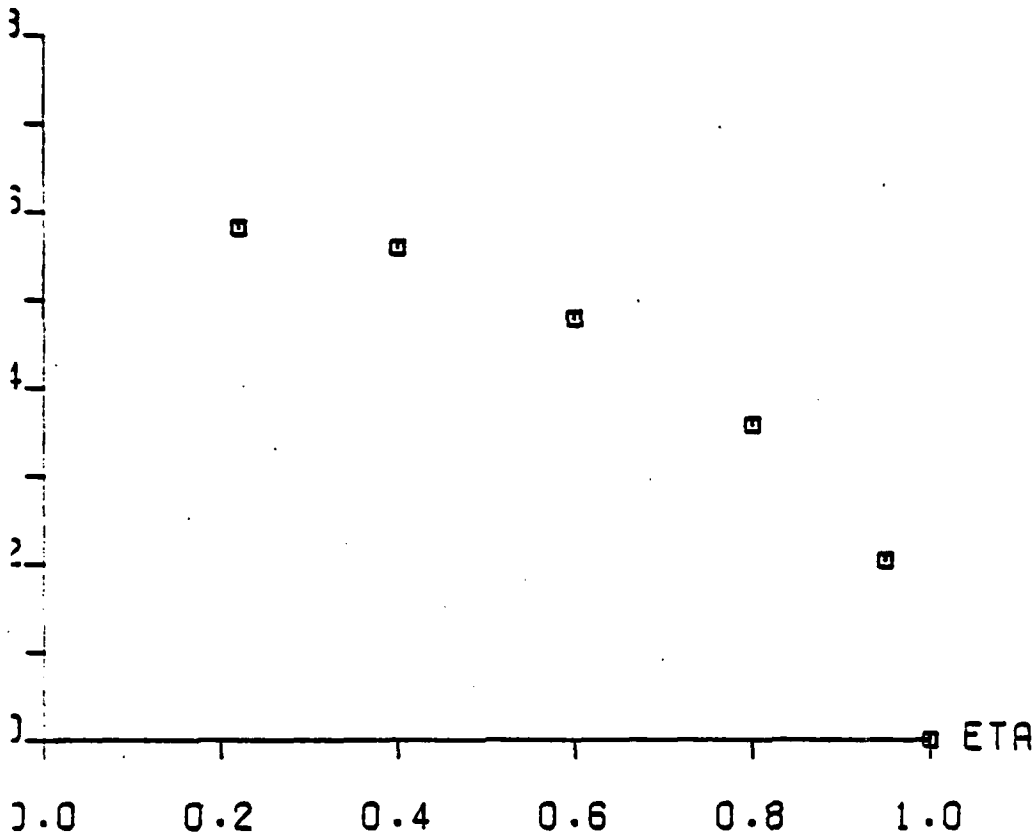


LOCKHEED CFWT SEMI-SPAN TEST. RUN 16
TITLE
AFOSR SEMISPAN MODEL B



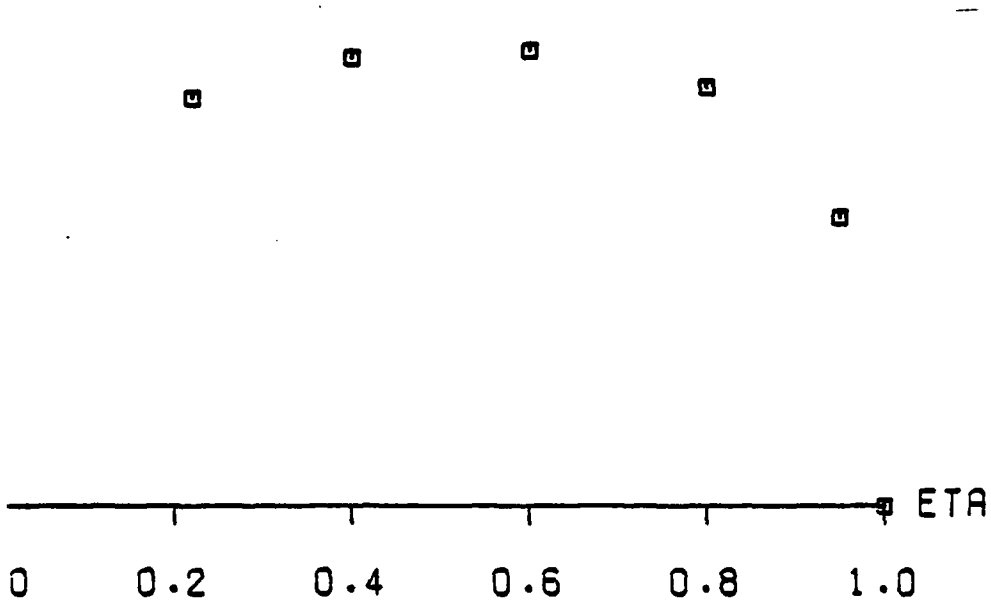
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
TITLE
AFOSR SEMISPAN MODEL B

MACH NO = 0.849
ALPHA = 3.955
CLG = 0.473

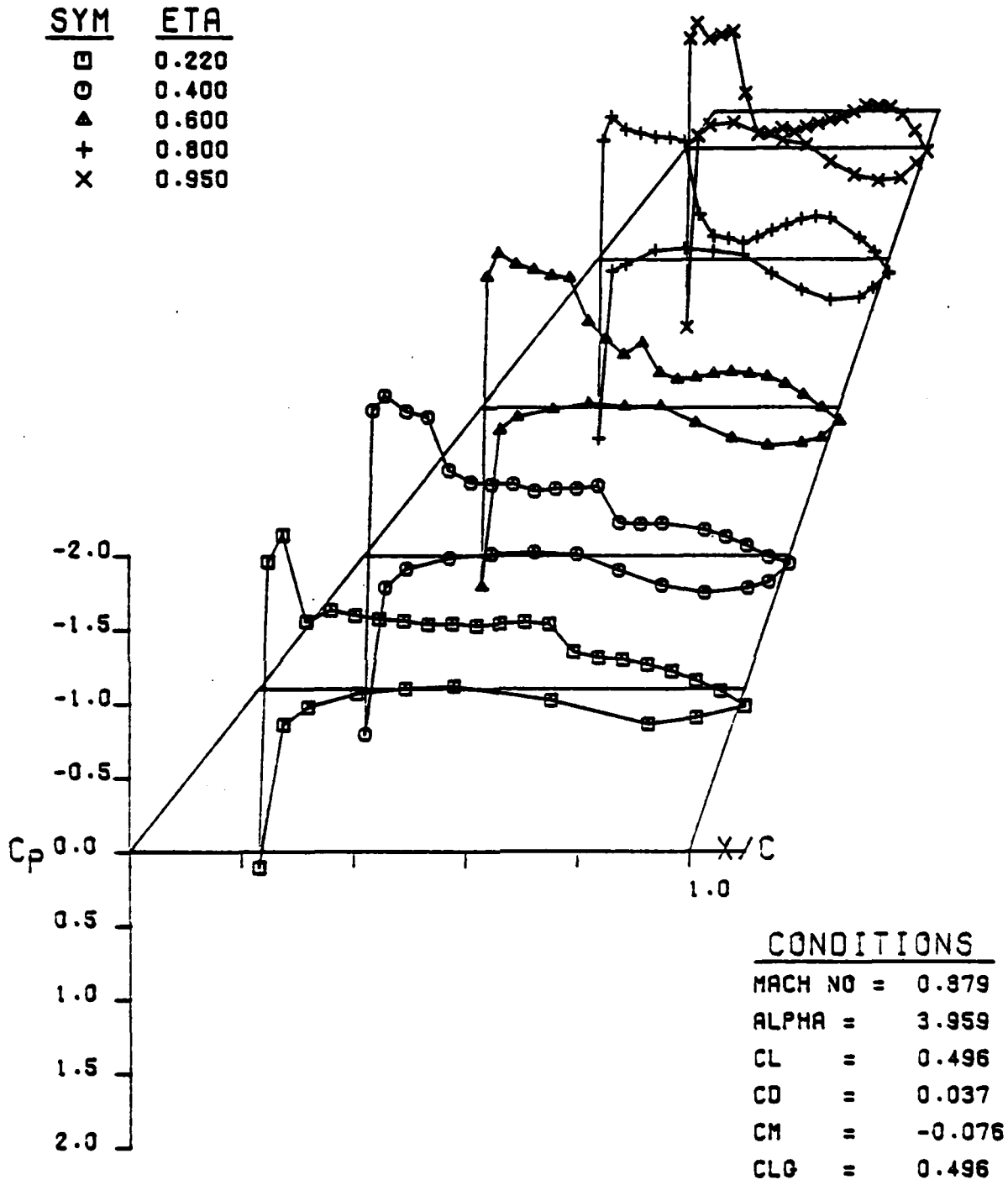


LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
TITLE
AFOSR SEMISPAN MODEL B

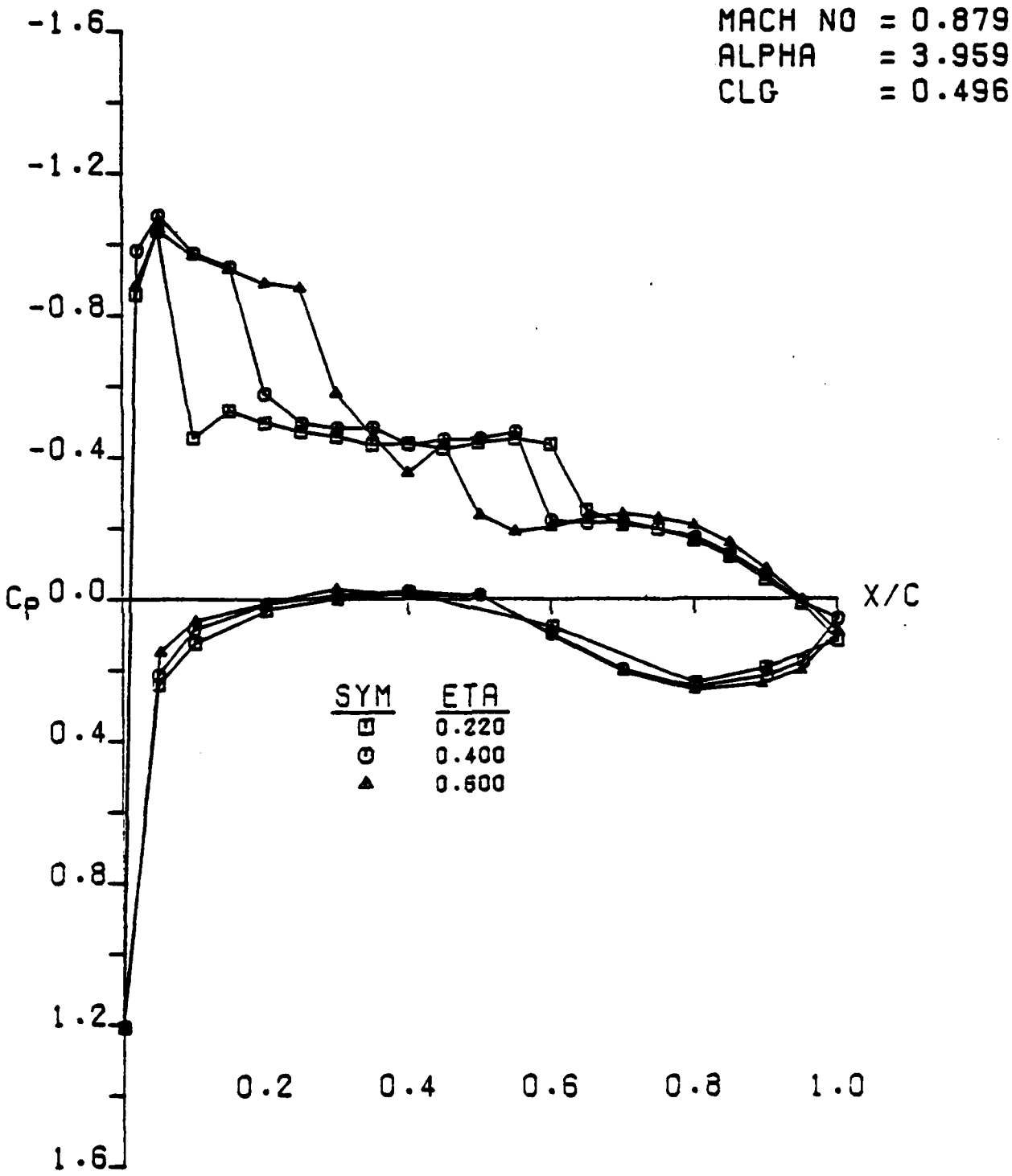
MACH NO = 0.849
ALPHA = 3.955
CLG = 0.473



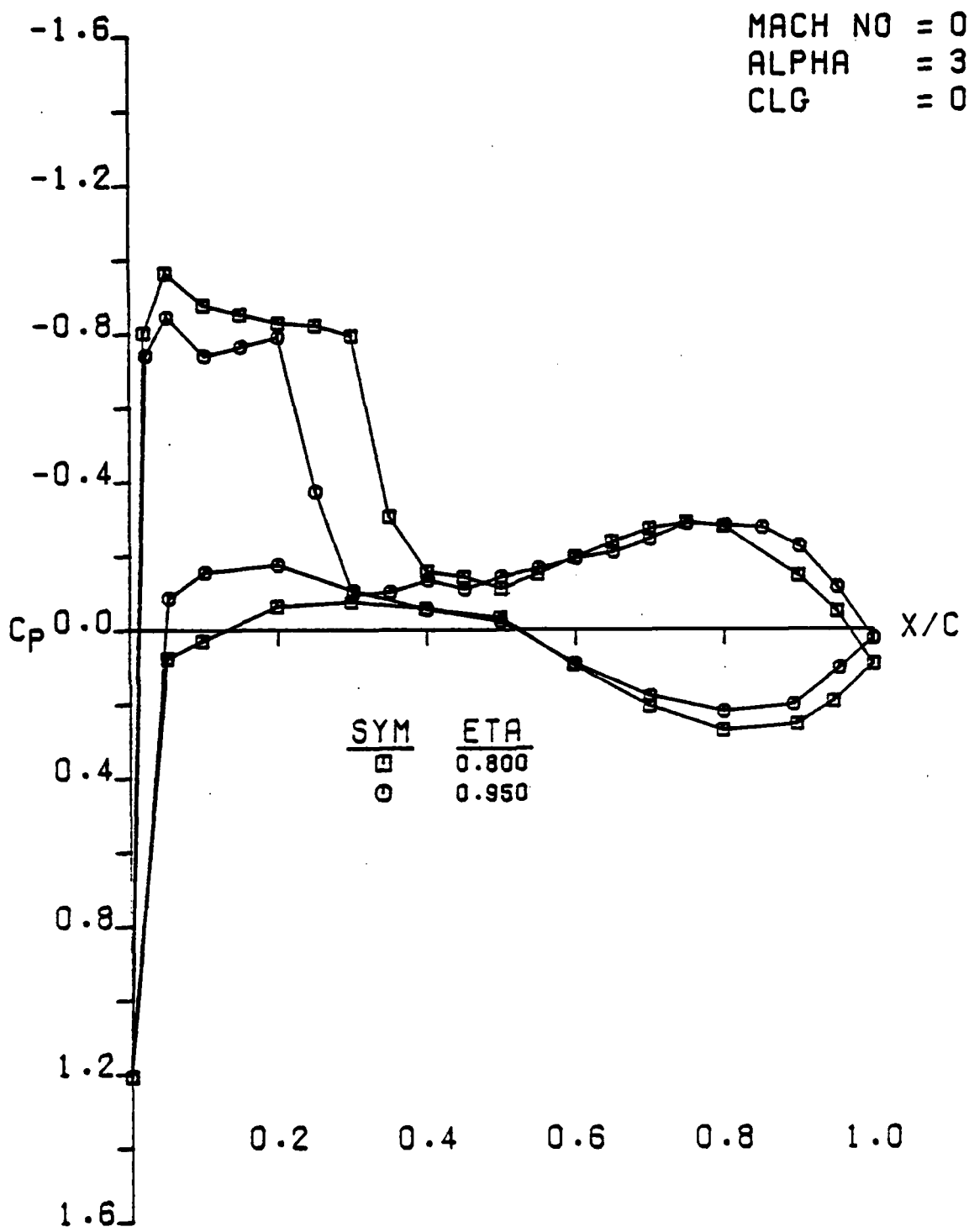
LOCKHEED CFWT SEMI-SPAN TEST. RUN 16
TITLE
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
TITLE
AFOSR SEMISPAN MODEL B

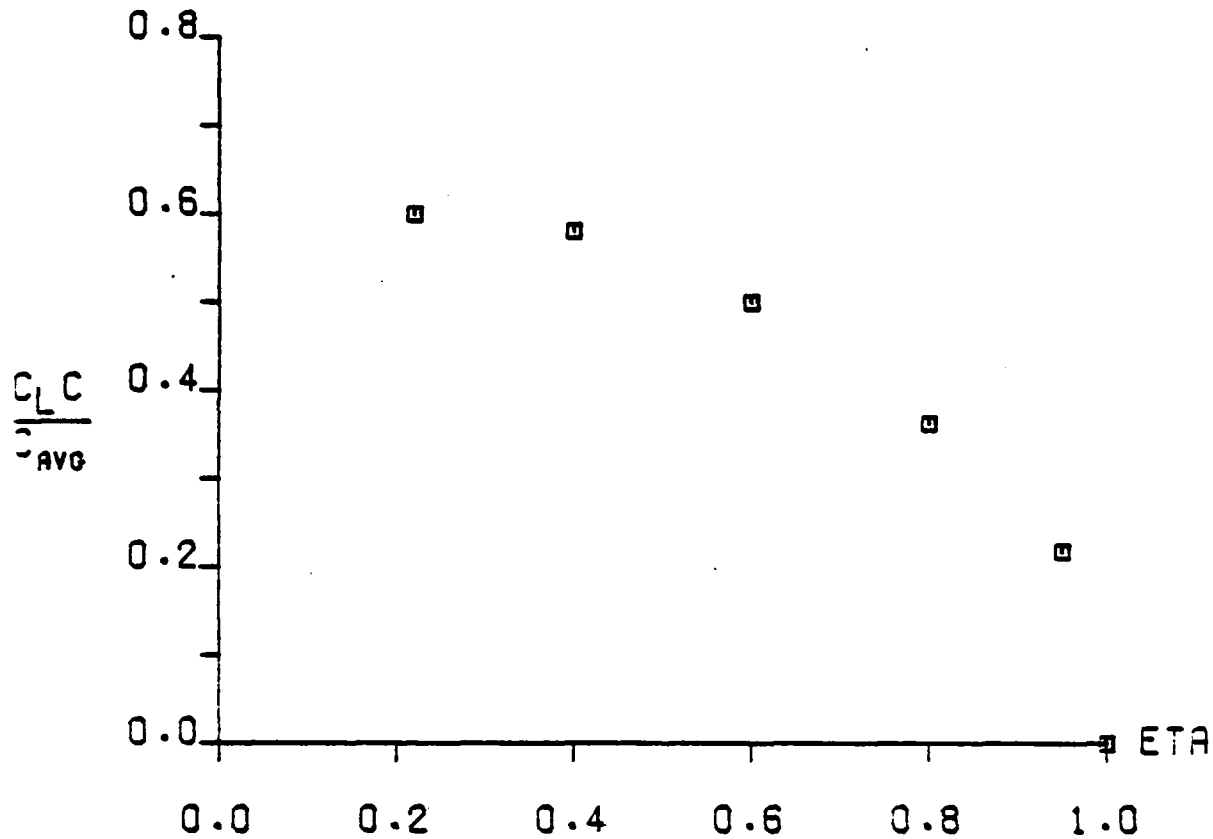


LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
TITLE
AFOSR SEMISPAN MODEL B



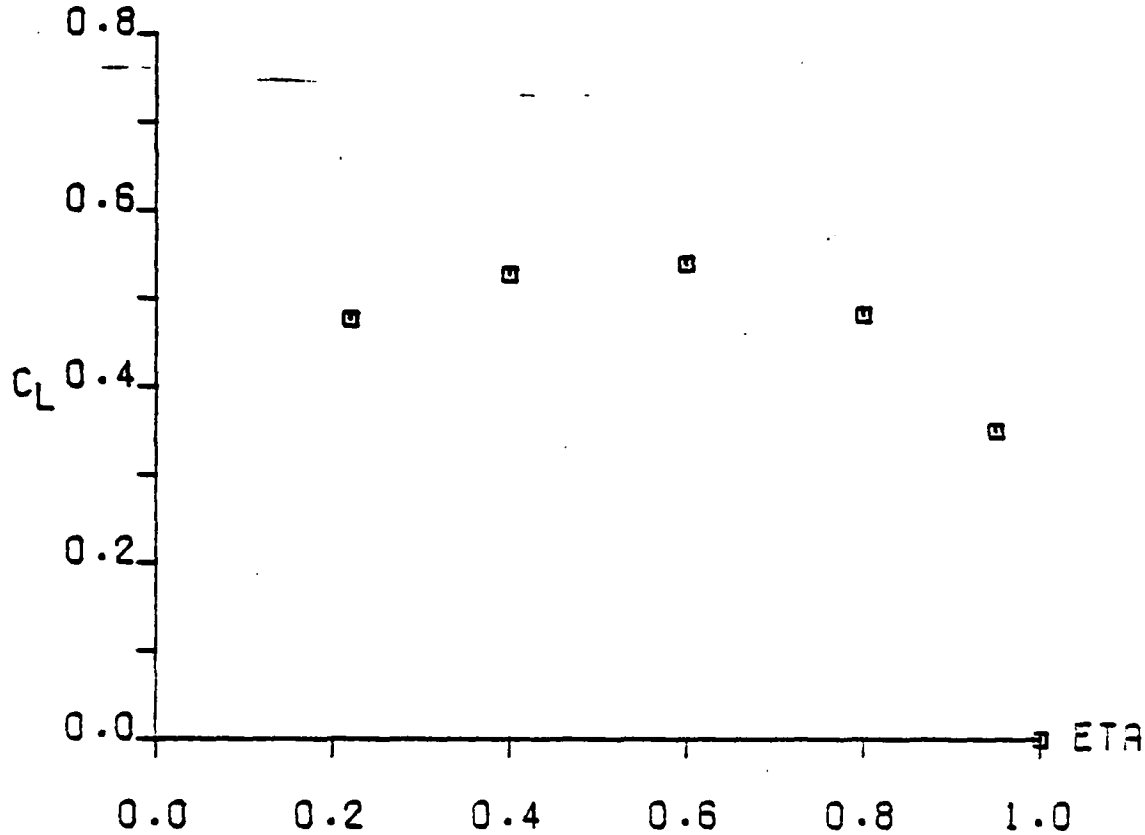
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
TITLE
AFOSR SEMISPAN MODEL B

MACH NO = 0.879
ALPHA = 3.959
CLG = 0.496

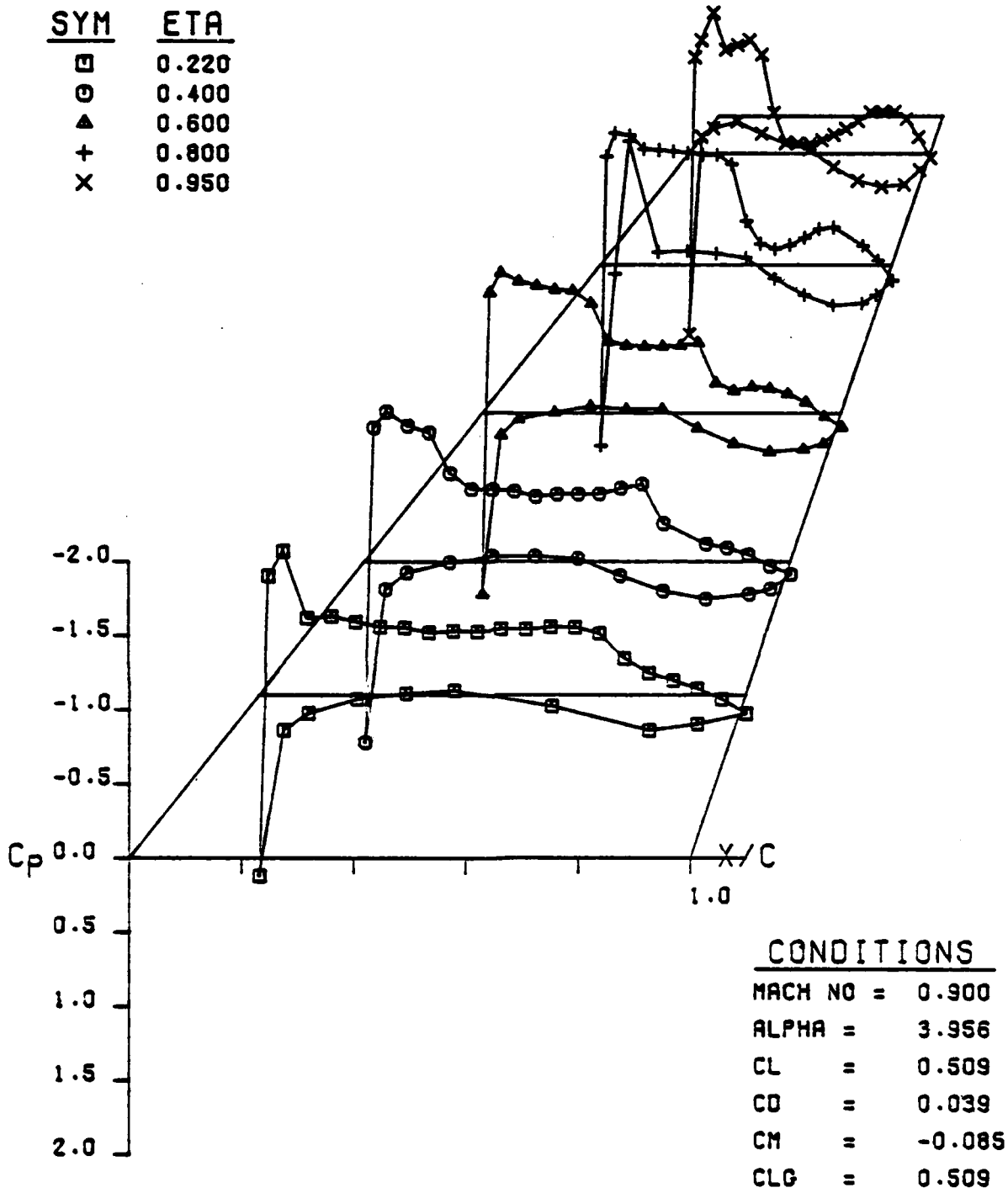


LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
TITLE
AFOSR SEMISPAN MODEL B

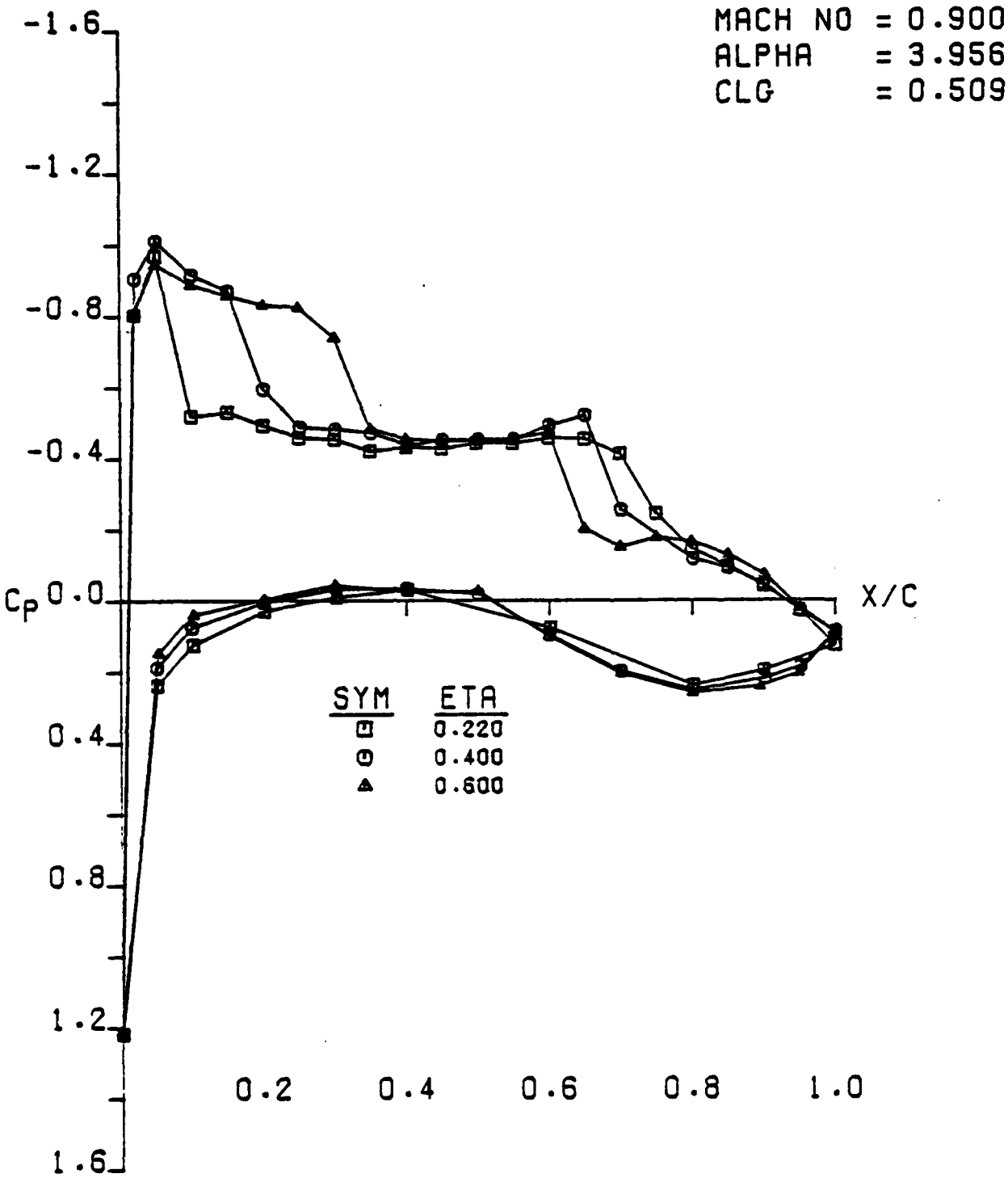
MACH NO = 0.879
ALPHA = 3.959
CLG = 0.496



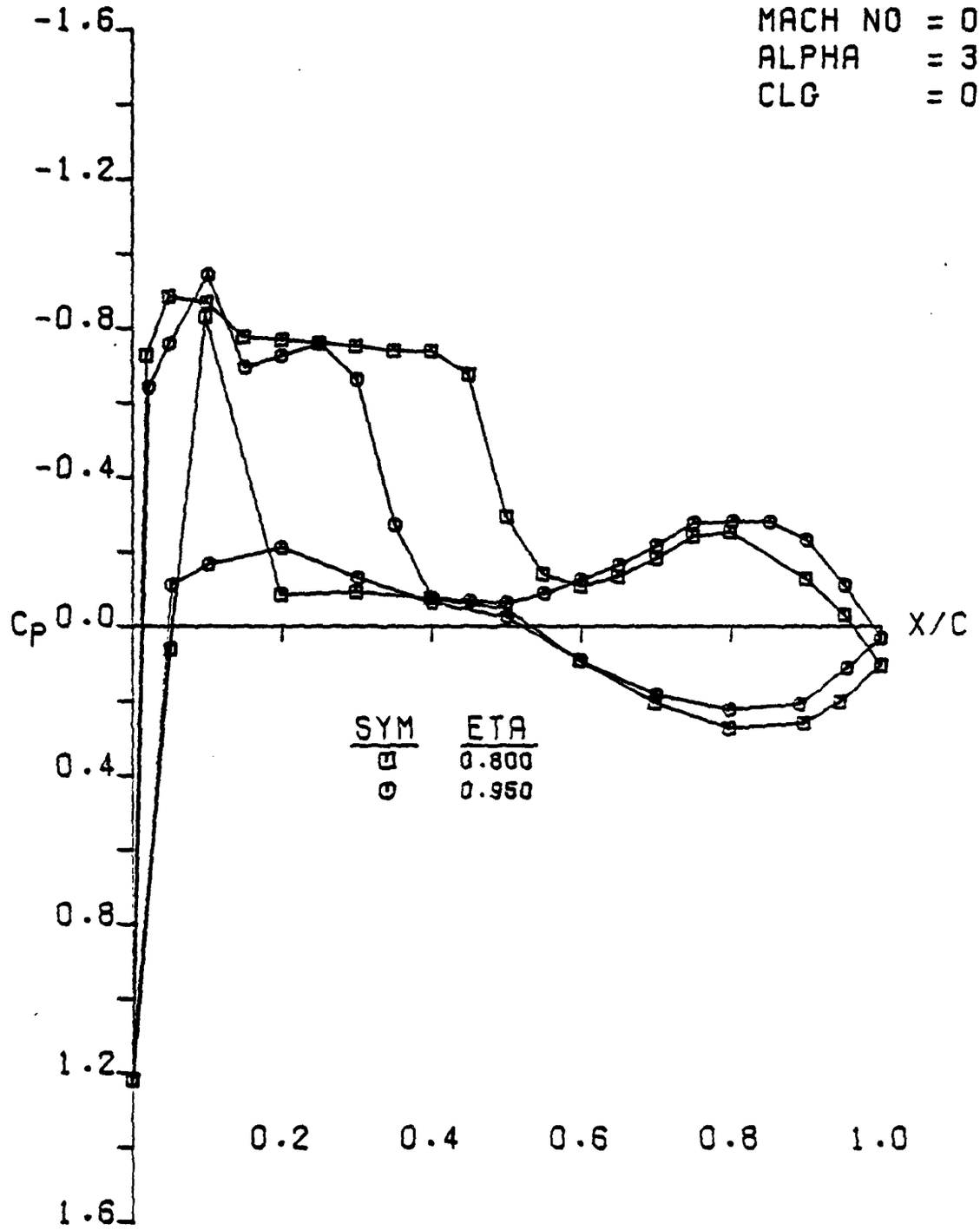
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
TITLE
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 187
TITLE
AFOSR SEMISPAN MODEL B

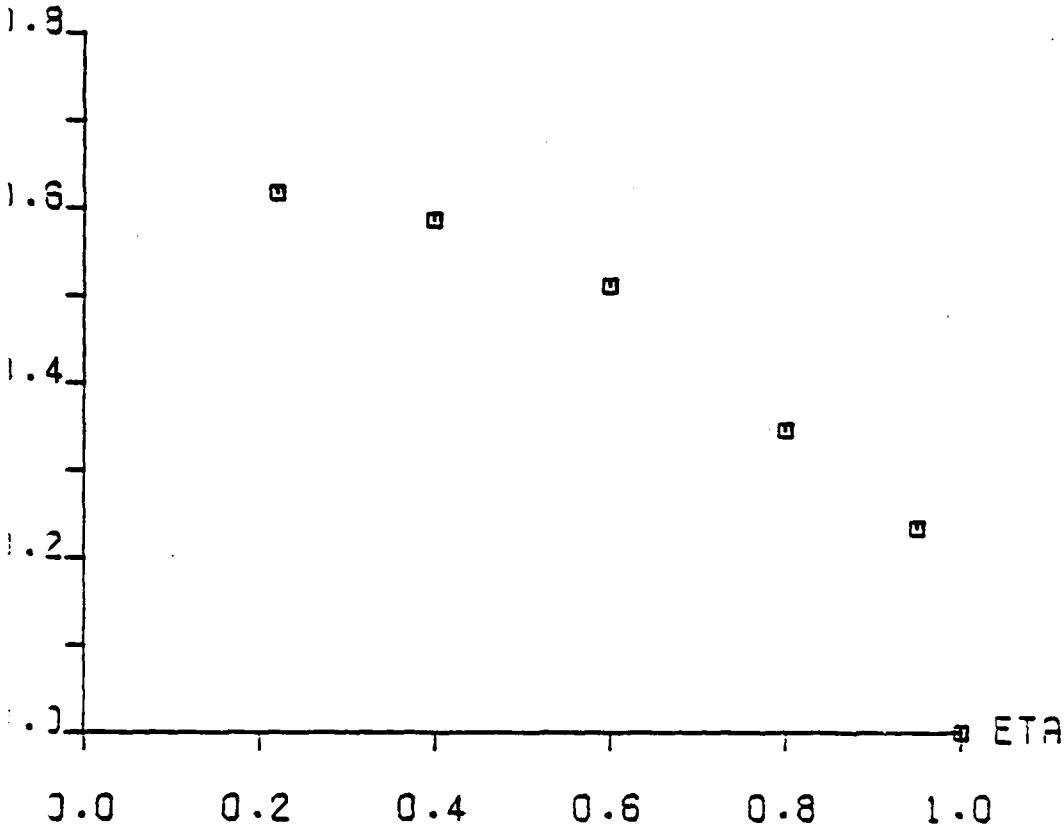


LOCKHEED CFWT SEMI-SPAN TEST, RUN 187
TITLE
AFOSR SEMISPAN MODEL B



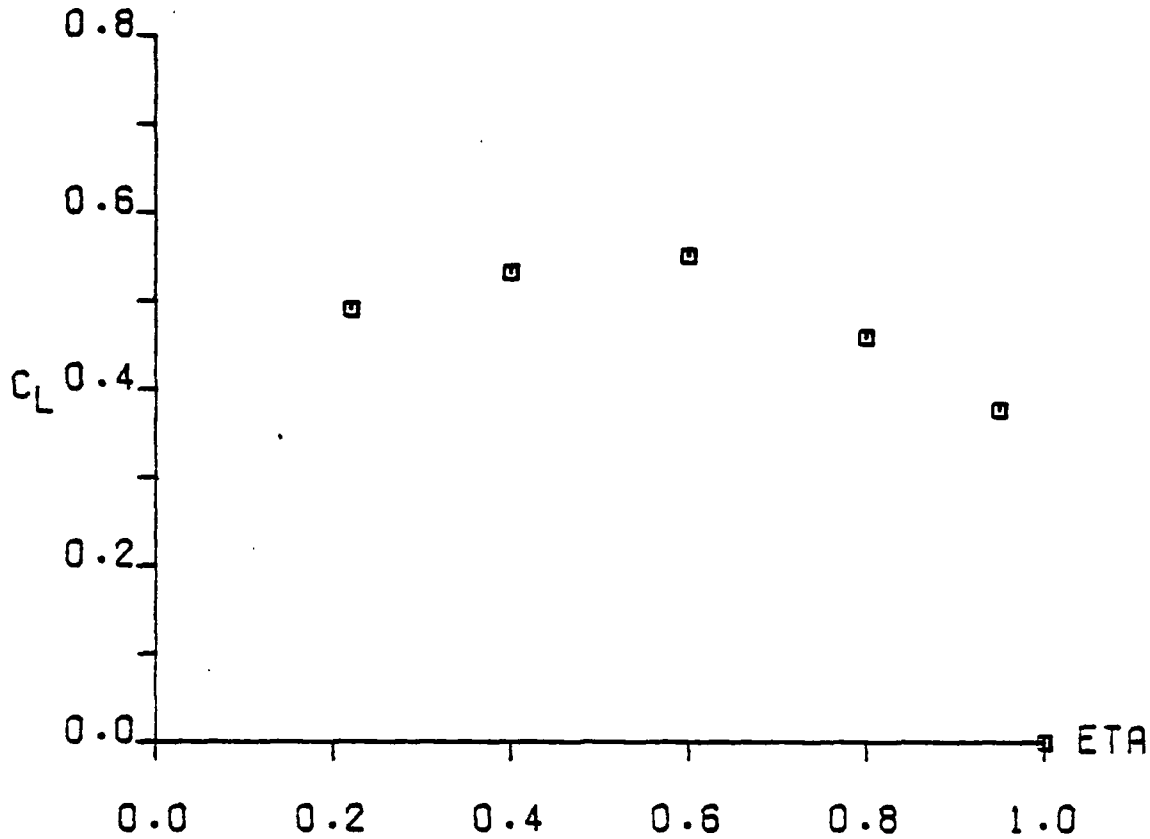
LOCKHEED CFWT SEMI-SPAN TEST, RUN 187
TITLE
AFOSR SEMISPAN MODEL 8

MACH NO = 0.900
ALPHA = 3.956
CLG = 0.509

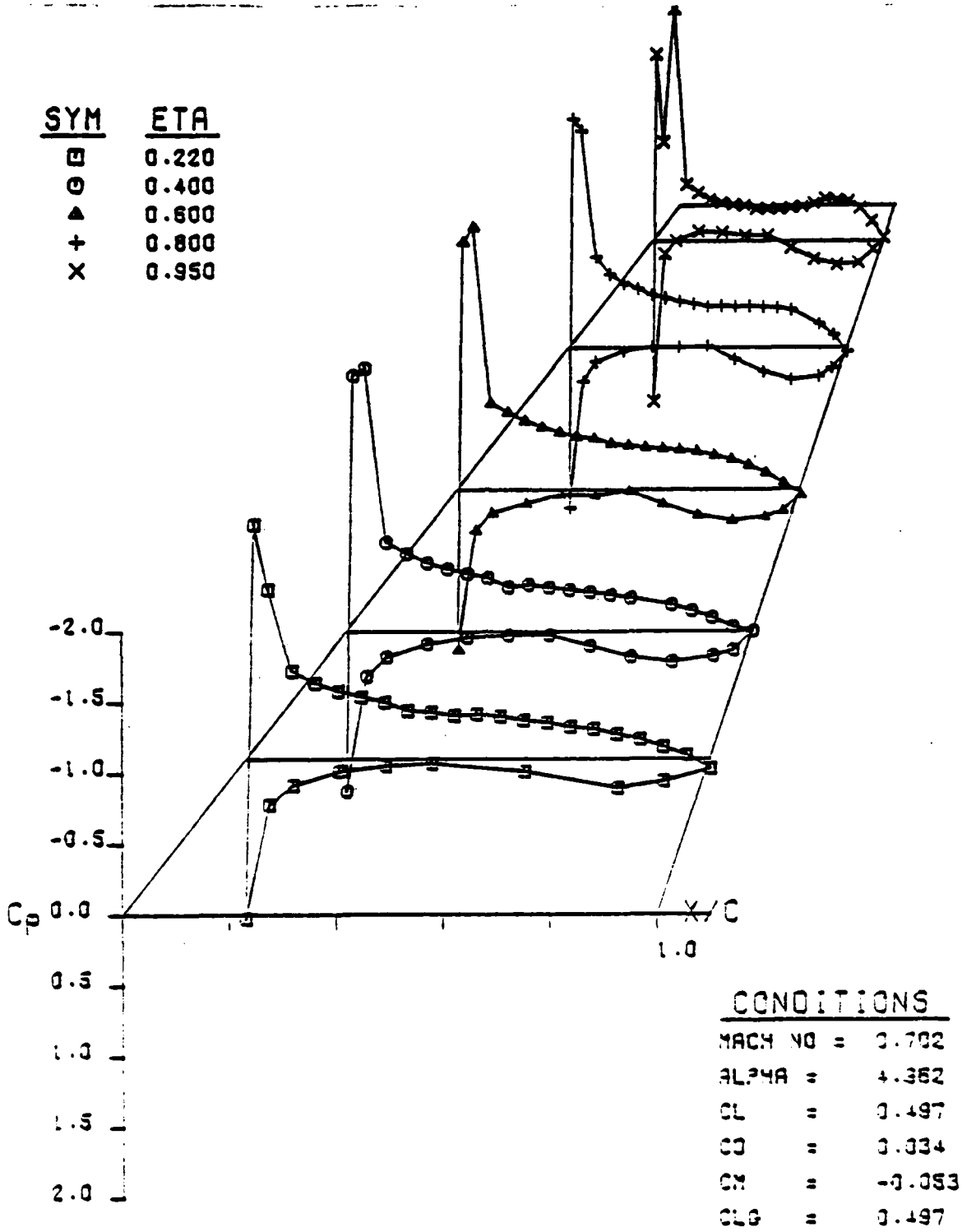


LOCKHEED CFWT SEMI-SPAN TEST, RUN 187
TITLE
AFOSR SEMISPAN MODEL B

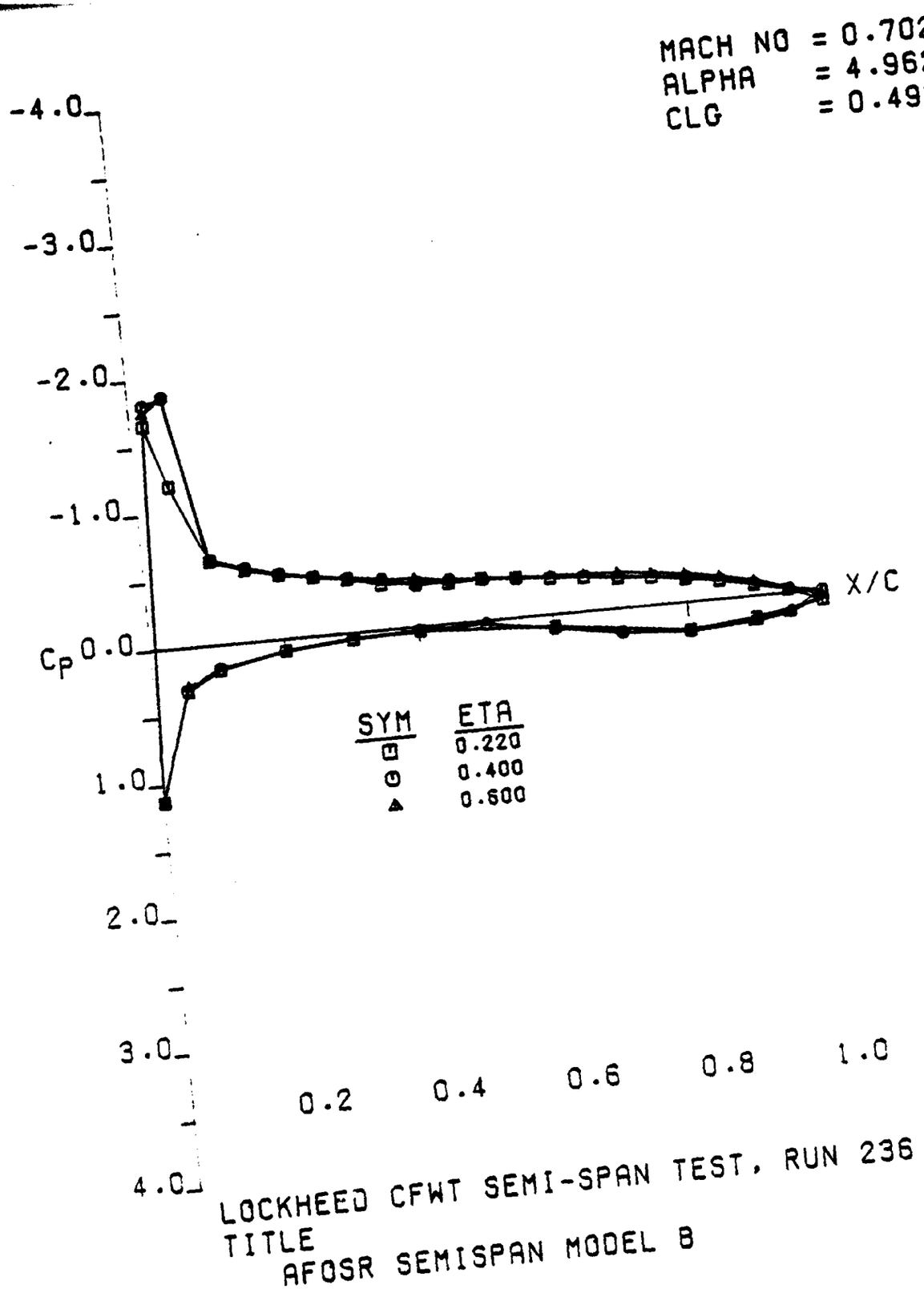
MACH NO = 0.900
ALPHA = 3.956
CLG = 0.509

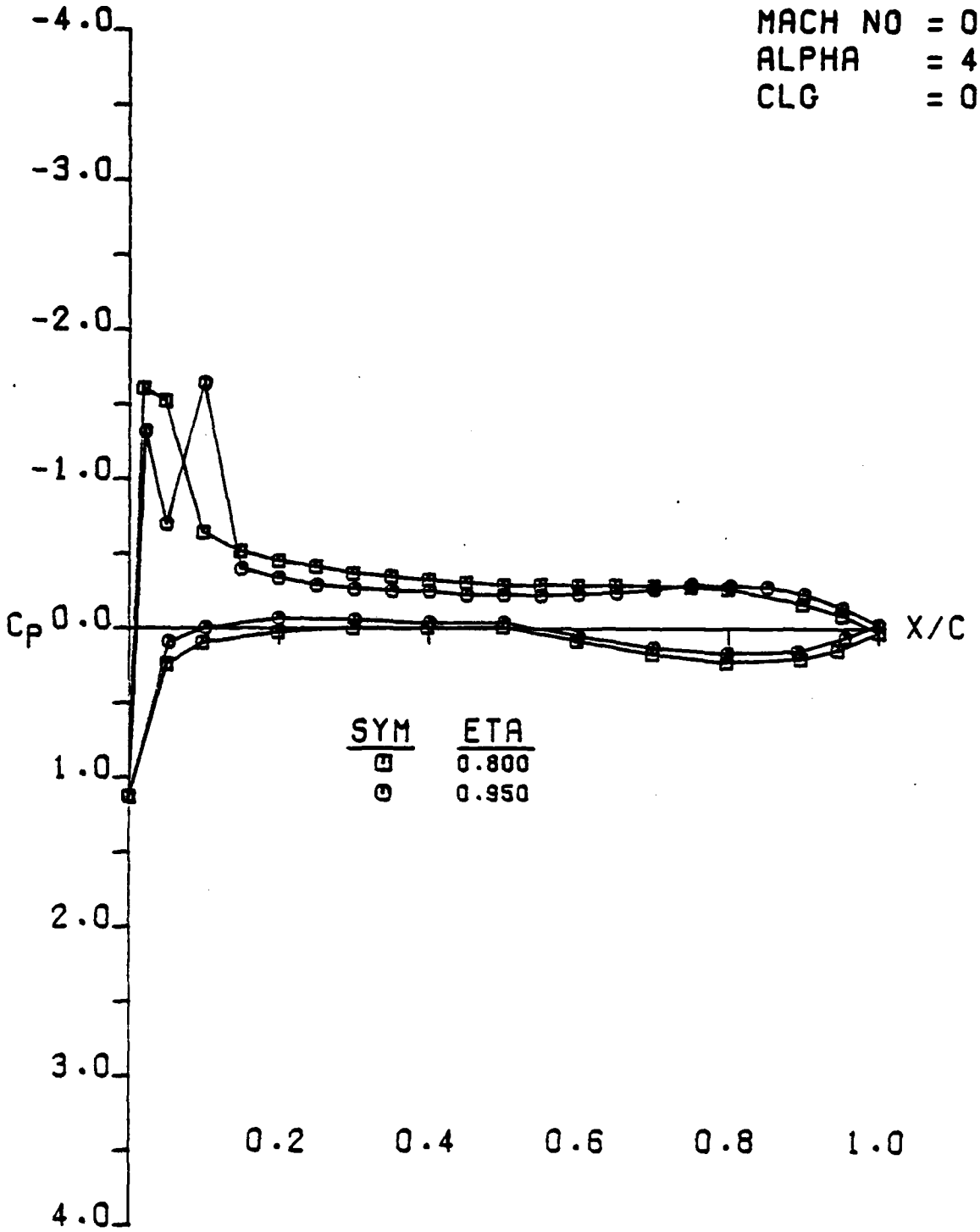


LOCKHEED CFWT SEMI-SPAN TEST, RUN 187
TITLE
AFOSR SEMISPAN MODEL B



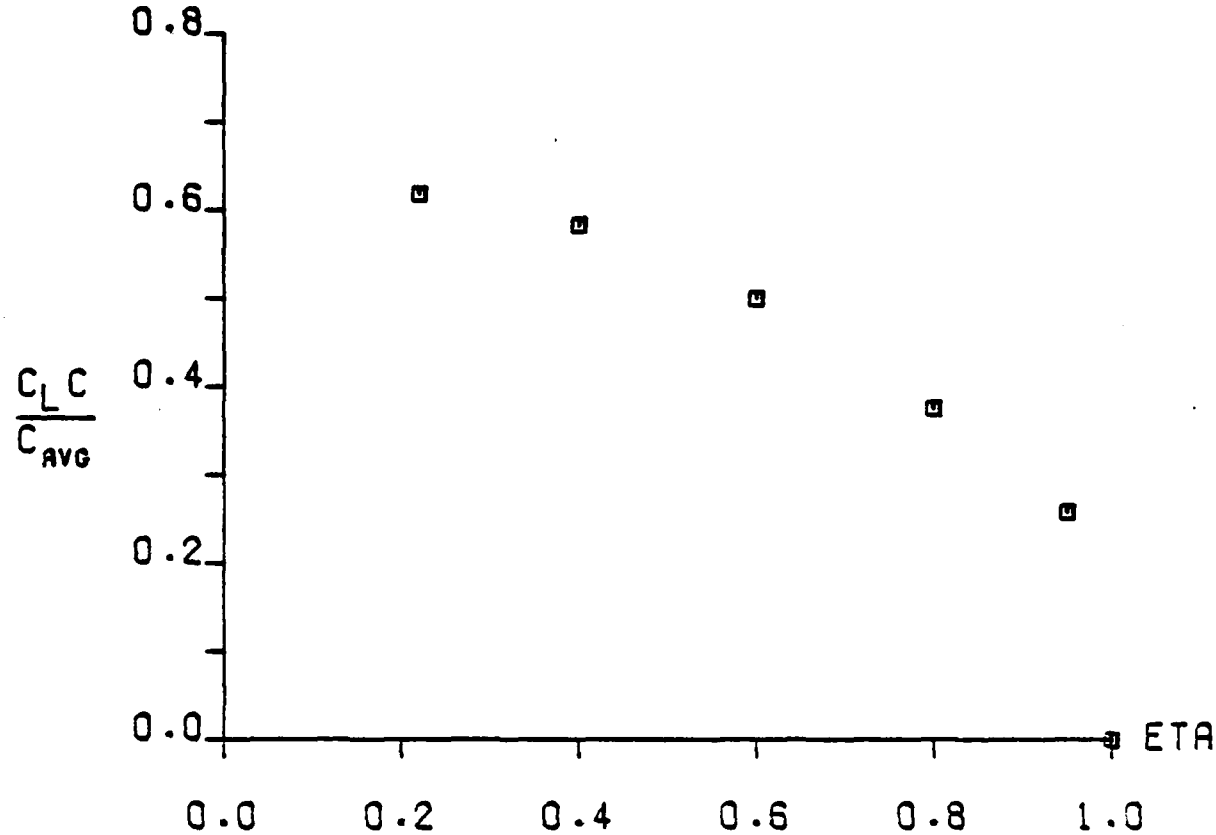
LOCKHEED CFWT SEMI-SPAN TEST, RUN 236
TITLE
AFOSR SEMISPAN MODEL 3


MACH NO = 0.702
ALPHA = 4.962
CLG = 0.497
-4.0
-3.0
-2.0
-1.0
Cp 0.0
1.0
2.0
3.0
4.0
X/C
0.2
0.4
0.6
0.8
1.0
SYM ETA
0.220
0.400
0.600
LOCKHEED CFWT SEMI-SPAN TEST, RUN 236
TITLE
AFOSR SEMISPAN MODEL B



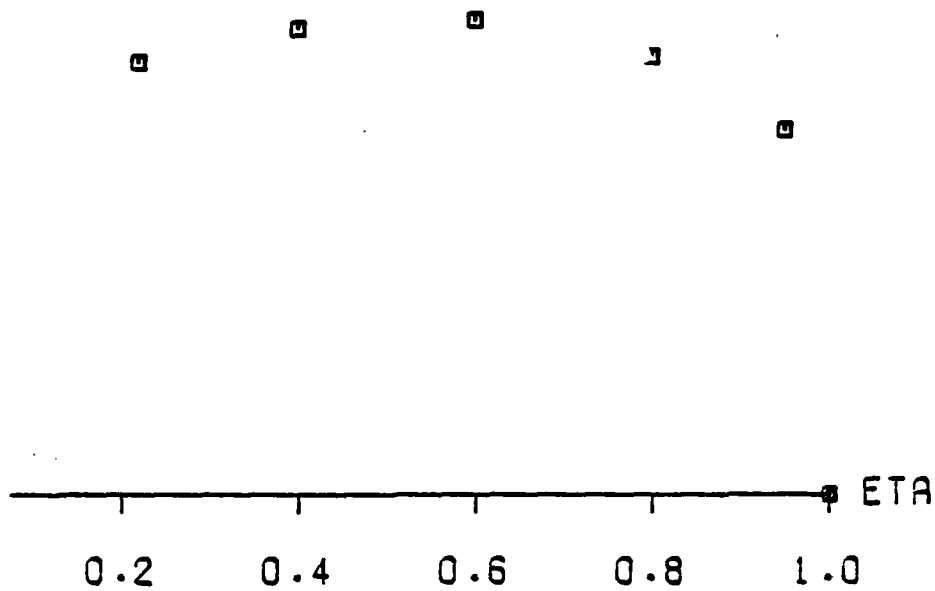
LOCKHEED CFWT SEMI-SPAN TEST, RUN 236
TITLE
AFOSR SEMISPAN MODEL B

MACH NO = 0.702
ALPHA = 4.962
CLG = 0.497

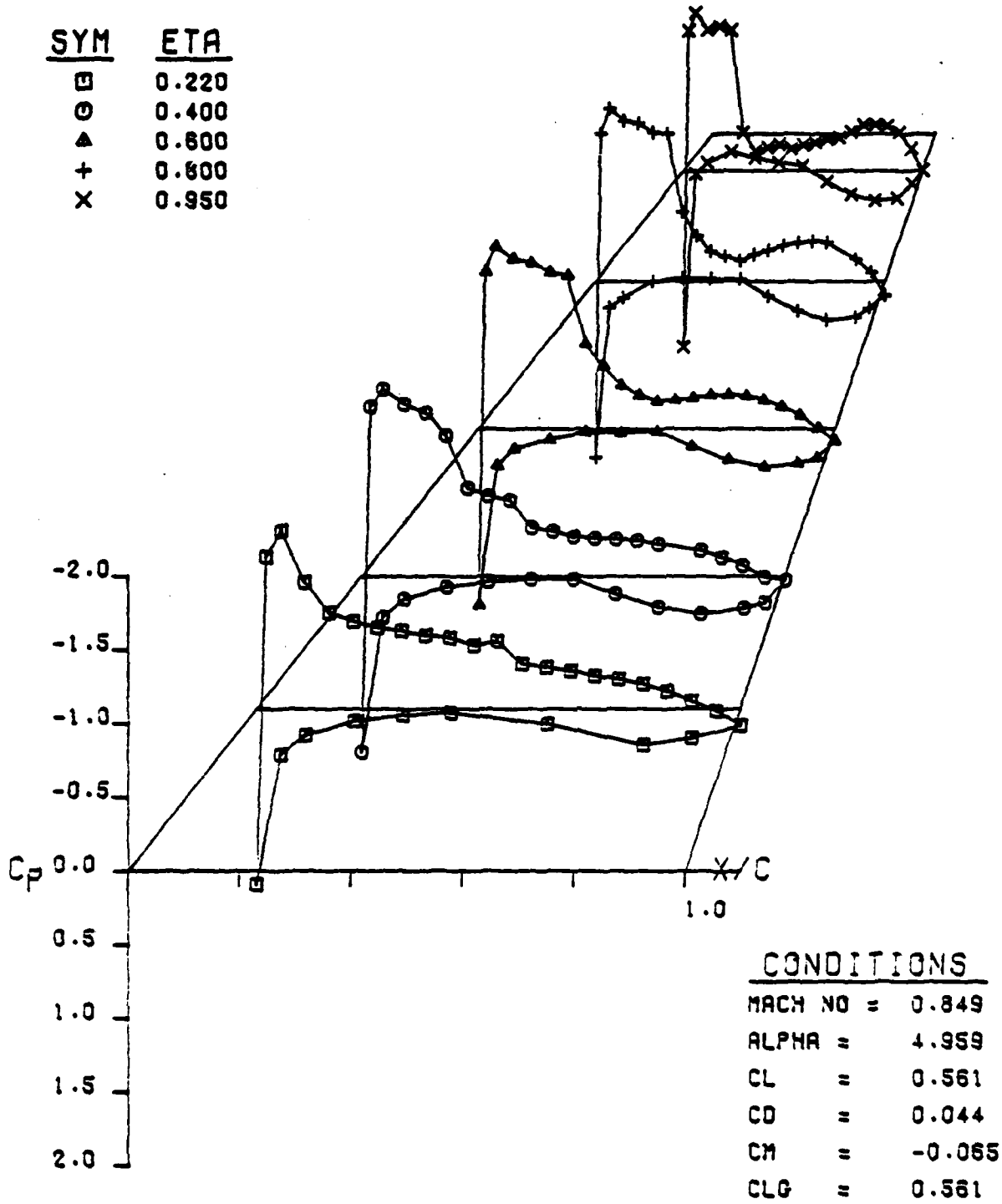


LOCKHEED CFWT SEMI-SPAN TEST, RUN 236
TITLE
AFOSR SEMISPAN MODEL 8

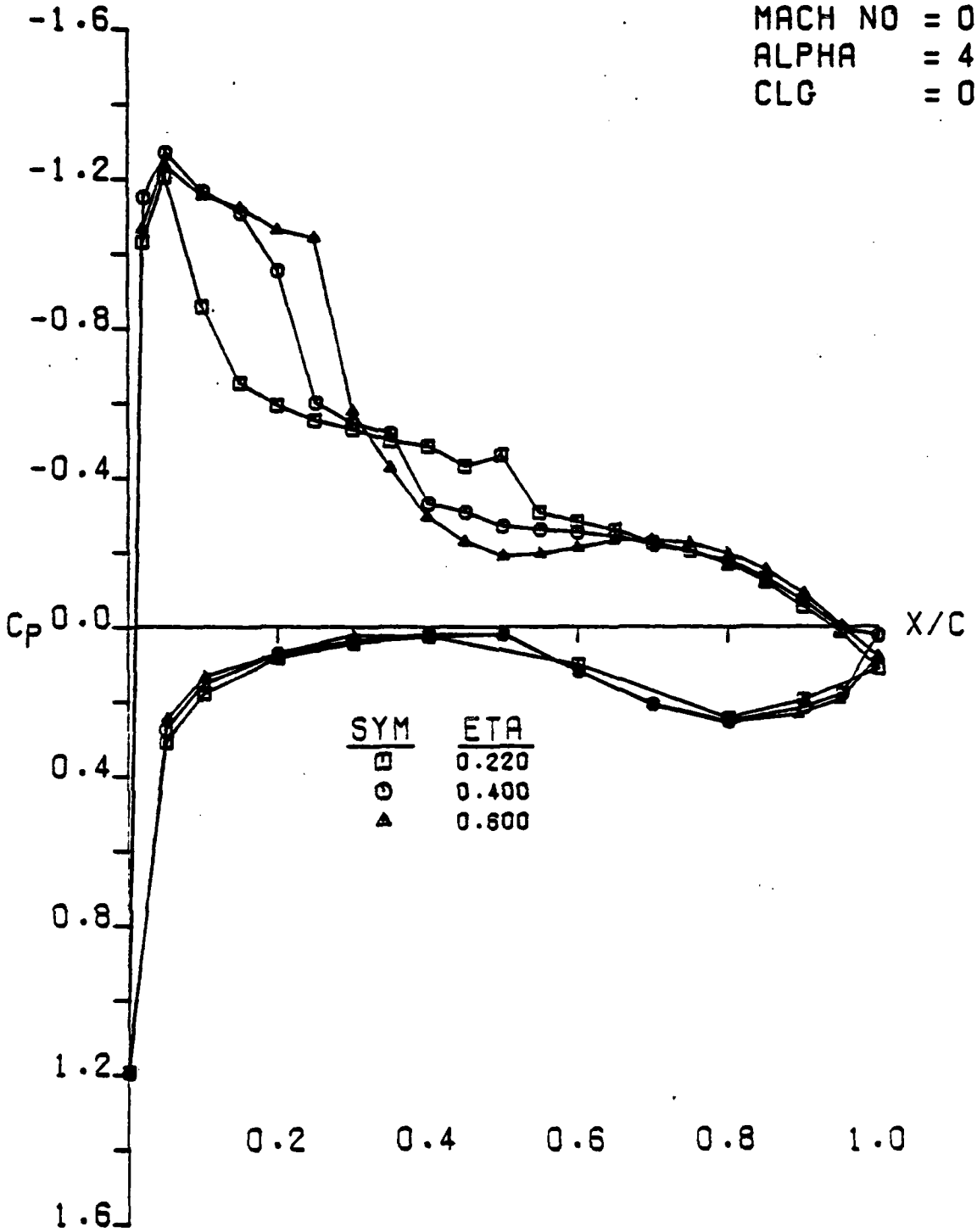
MACH NO = 0.702
ALPHA = 4.962
CLG = 0.497



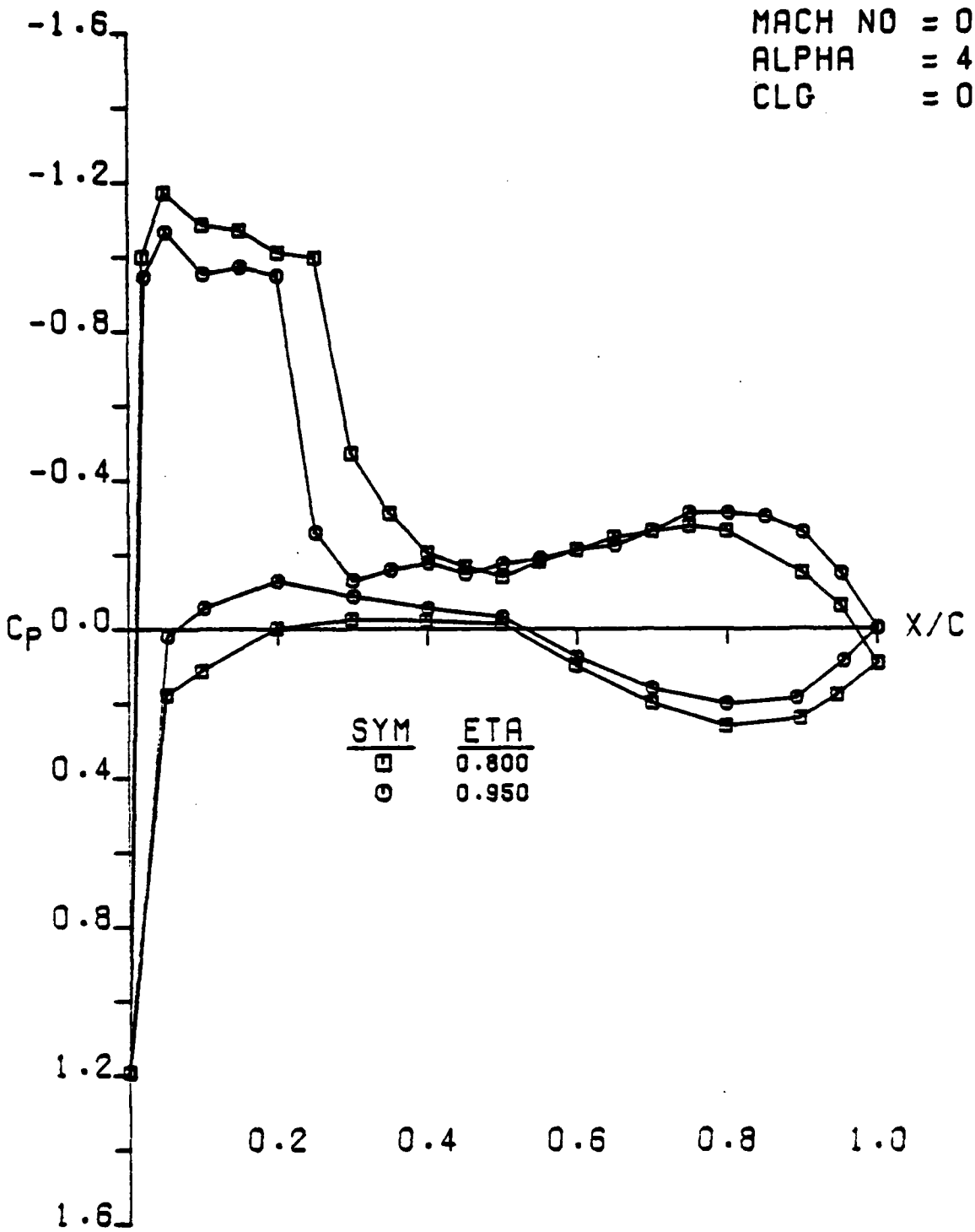
CKHEED CFWT SEMI-SPAN TEST, RUN 236
TLE
AFOSR SEMISPAN MODEL 8



LOCKHEED CFWT SEMI-SPAN TEST, RUN 17
TITLE
AFOSR SEMISPAN MODEL B

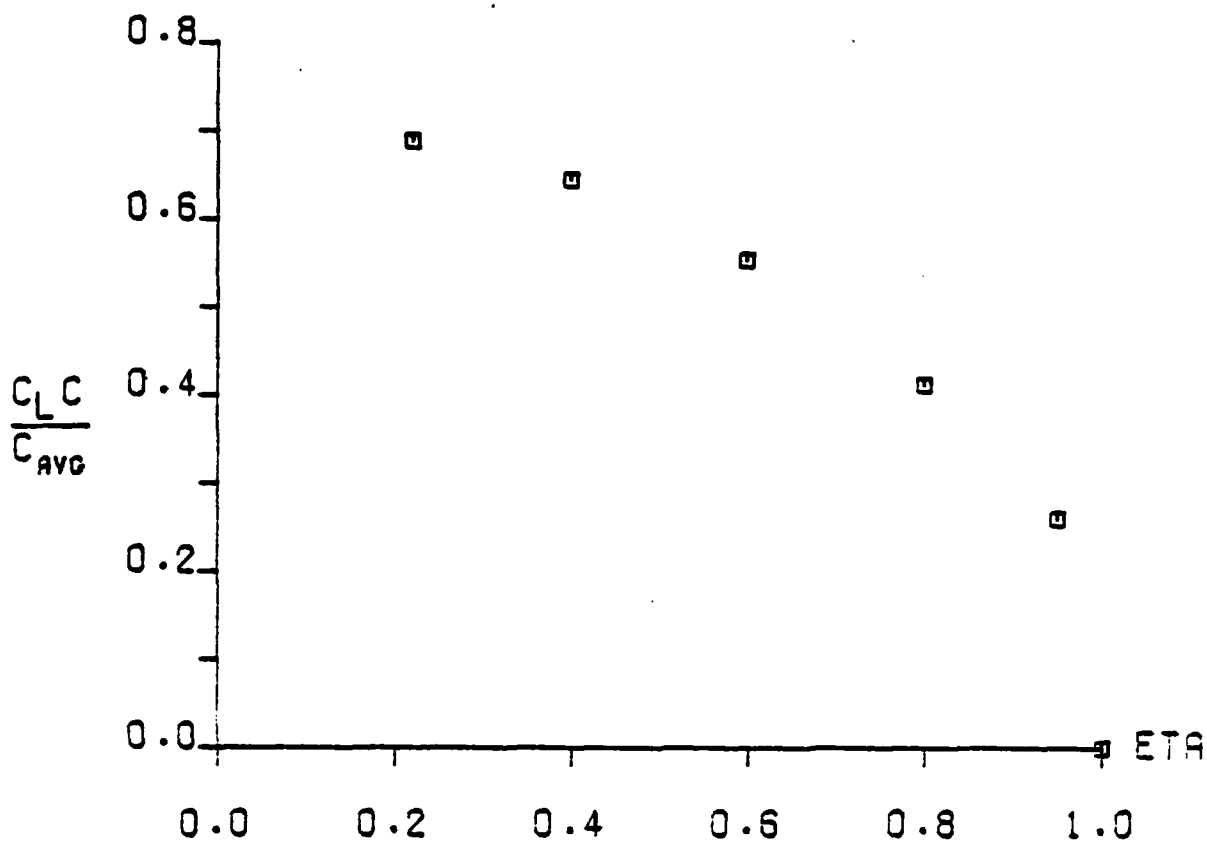


LOCKHEED CFWT SEMI-SPAN TEST, RUN 17
TITLE
AFOSR SEMISPAN MODEL B



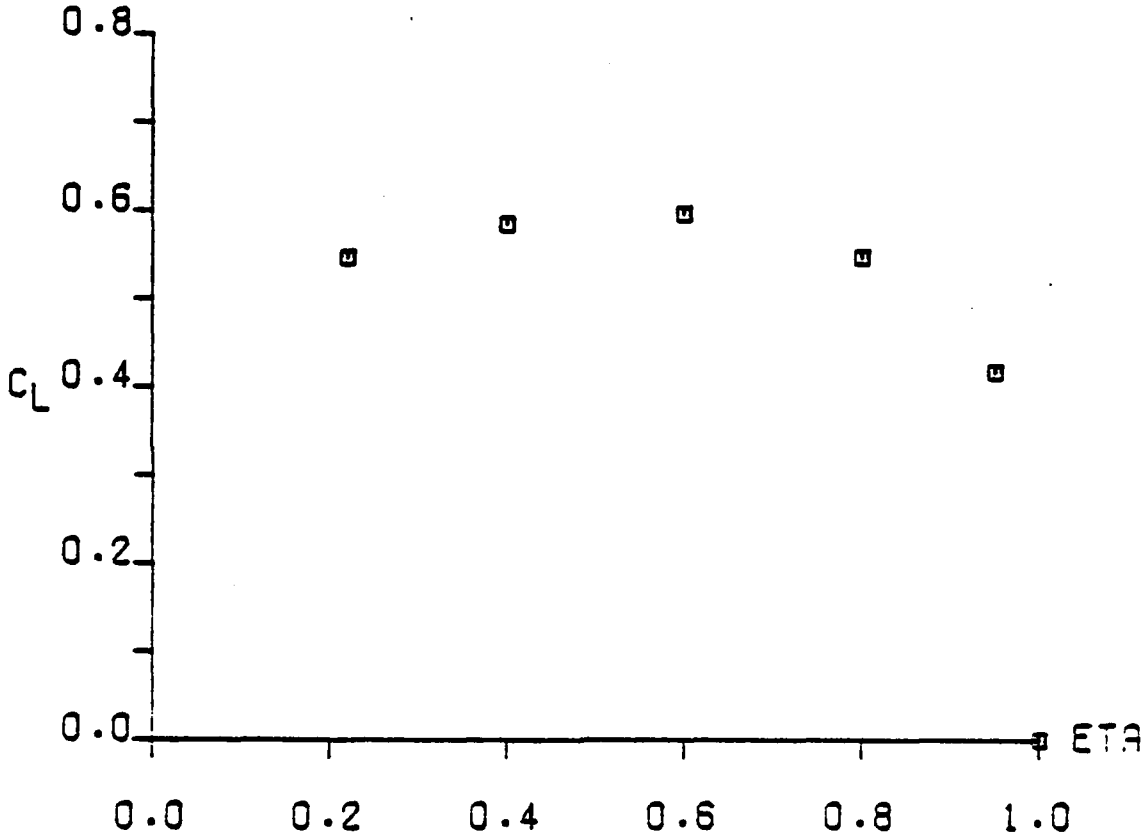
LOCKHEED CFWT SEMI-SPAN TEST, RUN 17
TITLE
AFOSR SEMISPAN MODEL B

MACH NO = 0.849
ALPHA = 4.959
CLG = 0.561

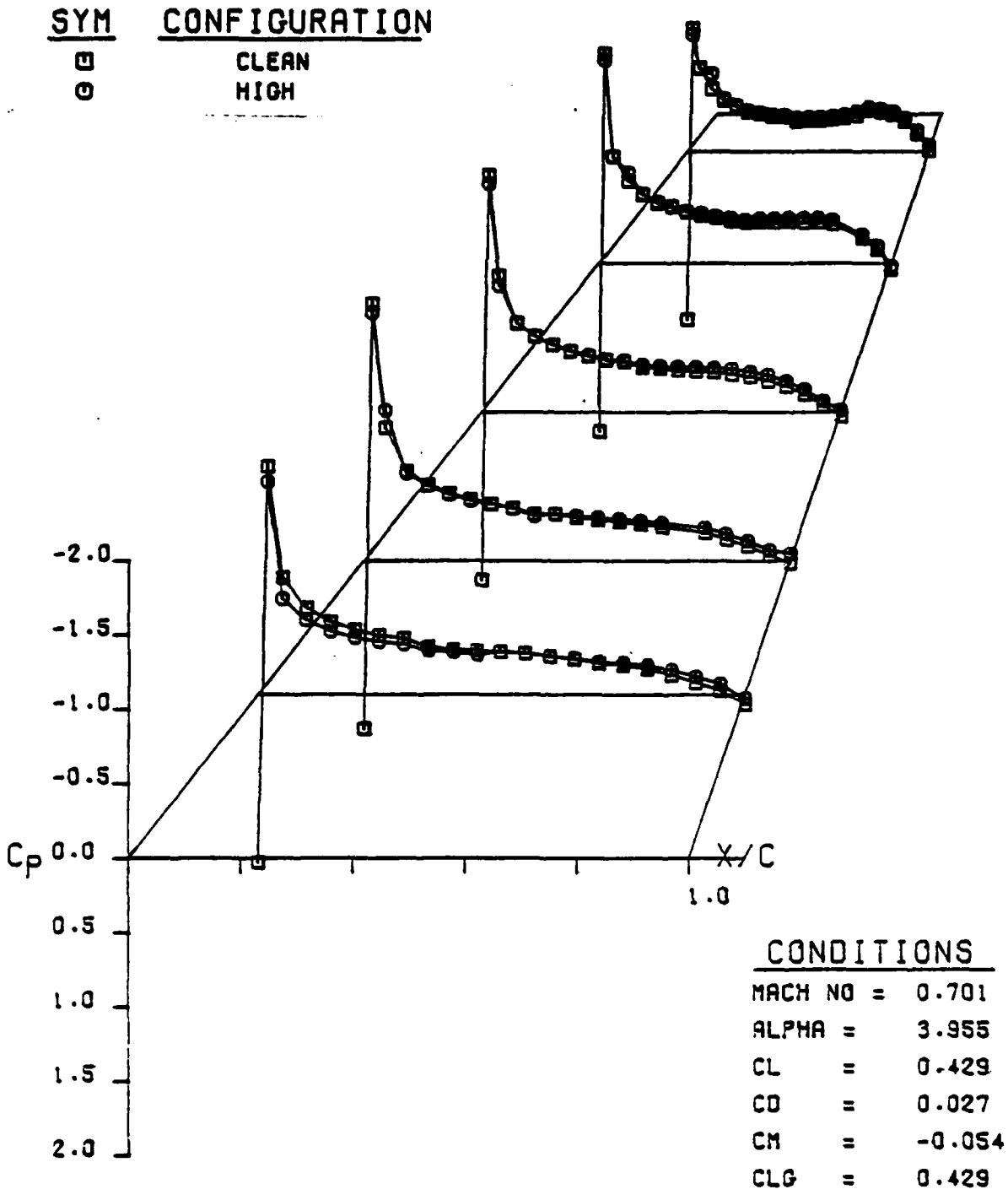


LOCKHEED CFWT SEMI-SPAN TEST, RUN 17
TITLE
AFOSR SEMISPAN MODEL B

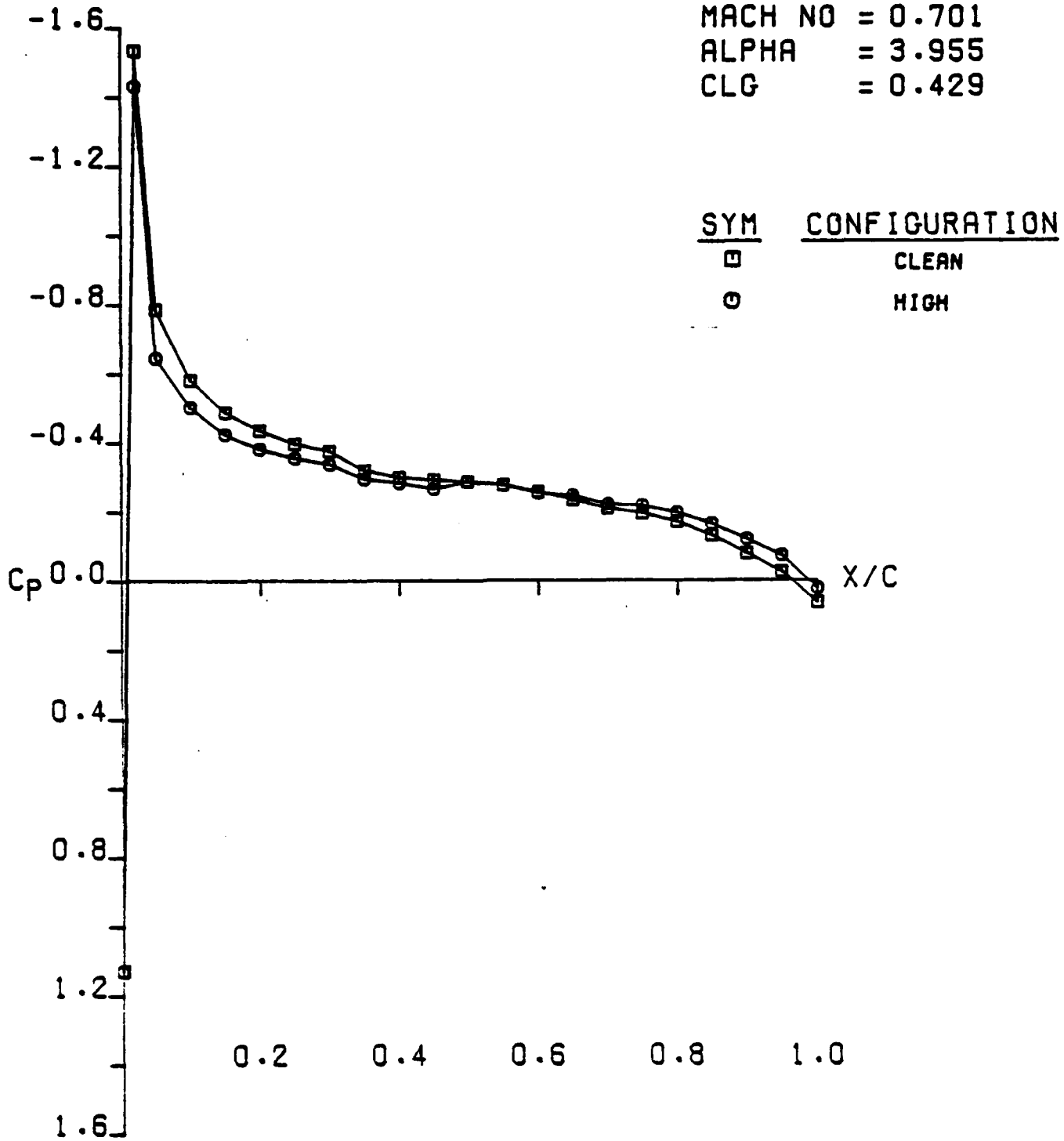
MACH NO = 0.849
ALPHA = 4.959
CLG = 0.561



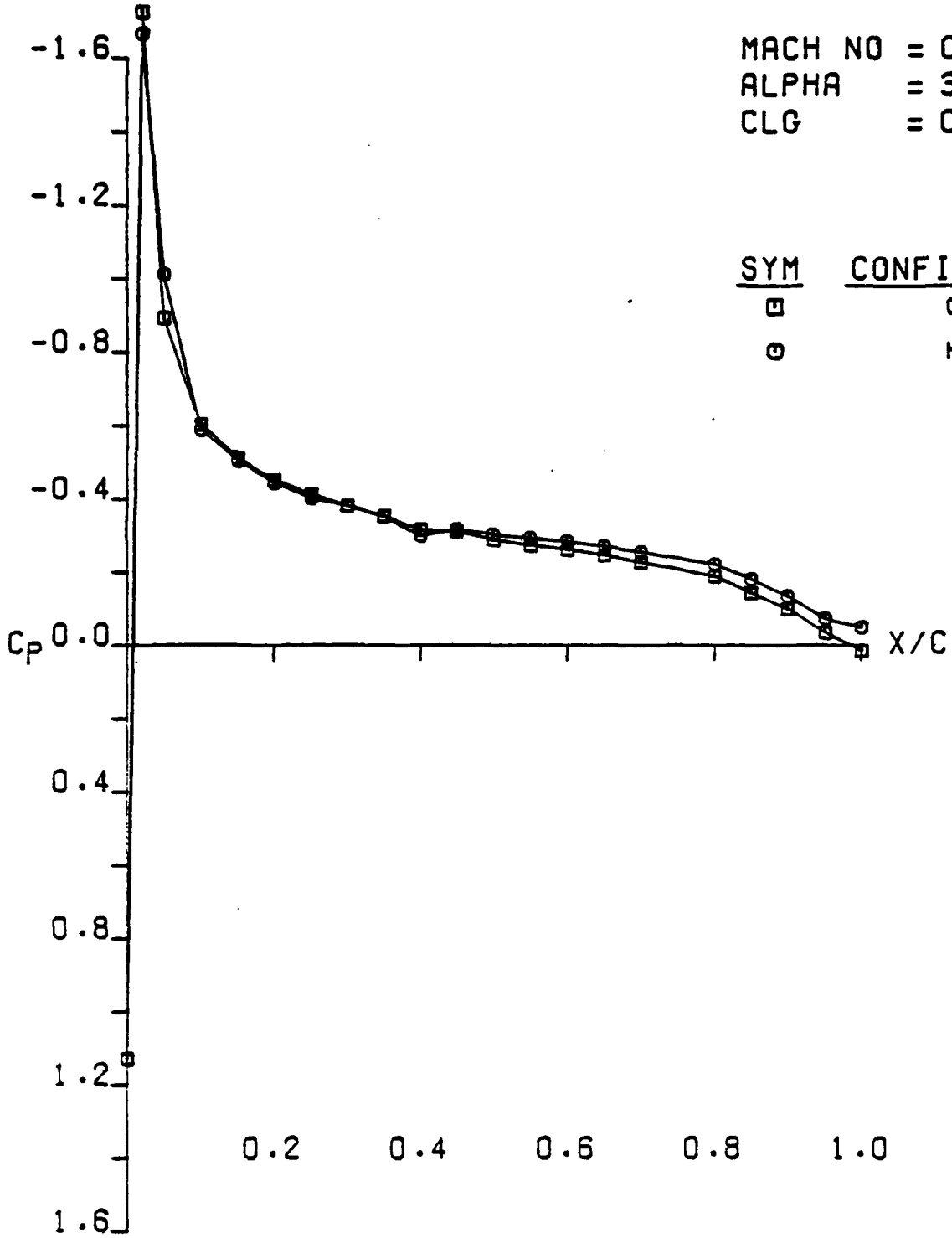
LOCKHEED CFWT SEMI-SPAN TEST, RUN 17
TITLE
AFOSR SEMISPAN MODEL B



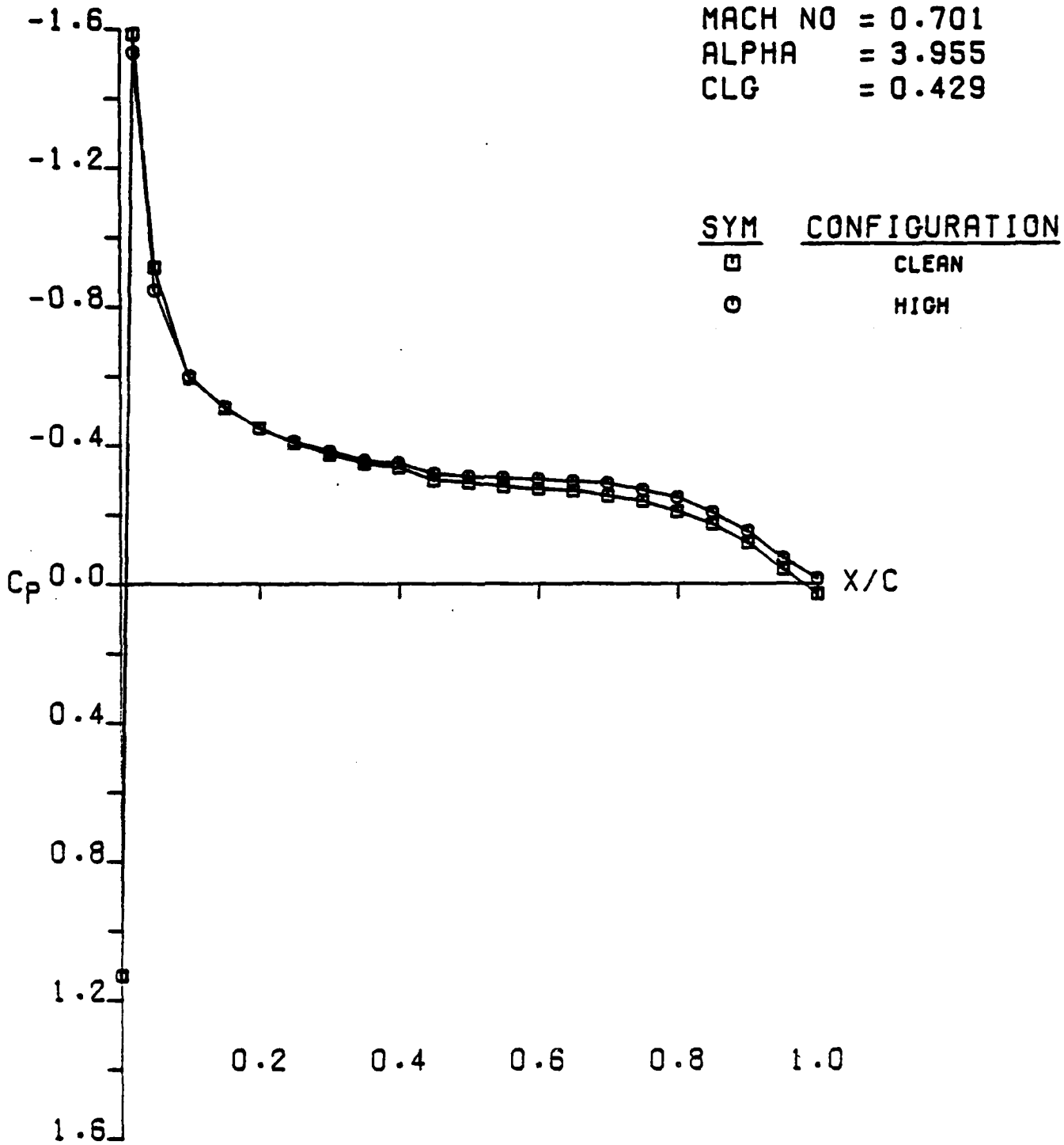
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS HIGH (UPR SURF)
AFOSR SEMISPAN MODEL B



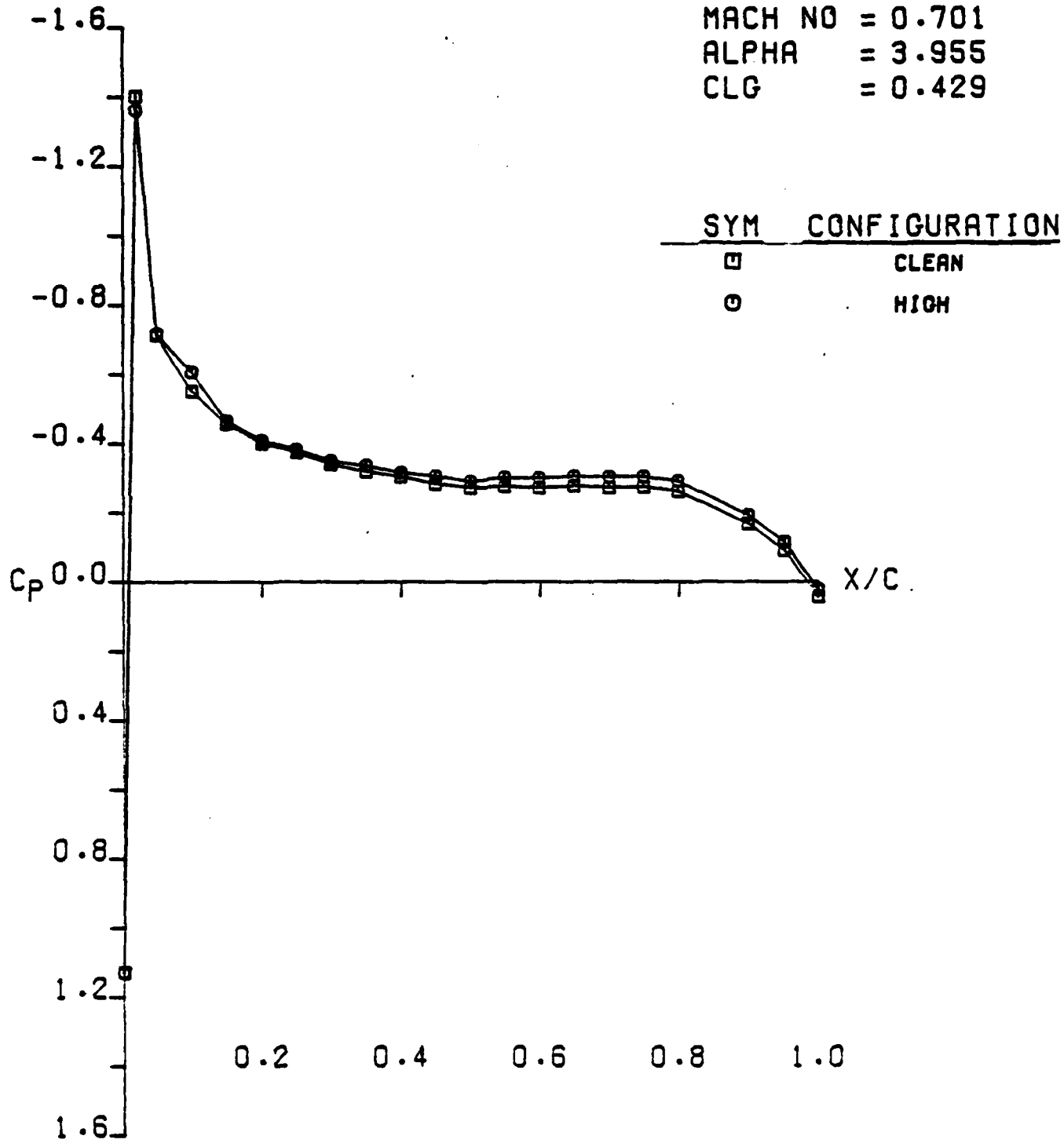
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS HIGH (UPR SURF ETA.216)
AFOSR SEMISPAN MODEL B



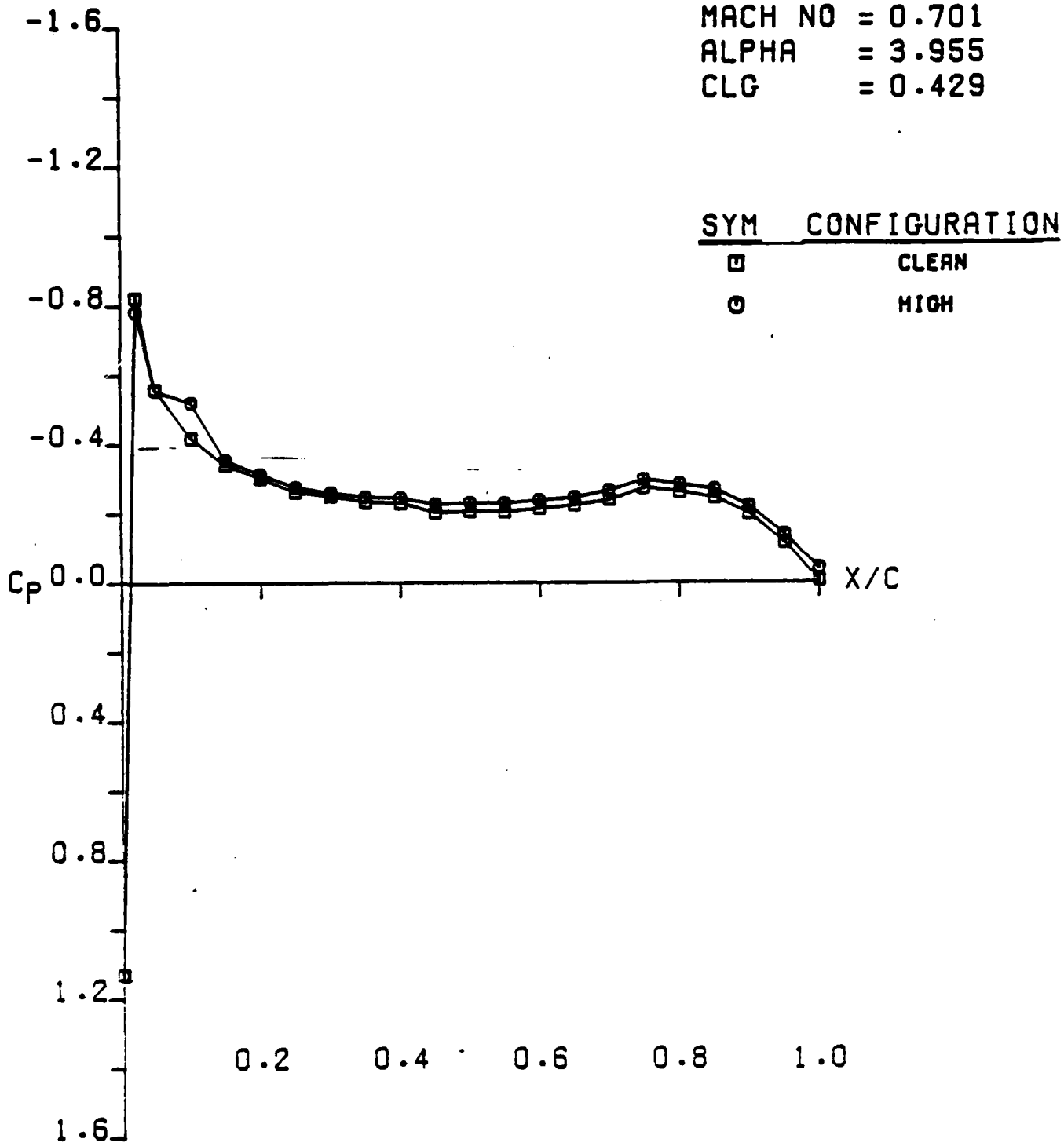
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS HIGH (UPR SURF ETA .40)
AFOSR SEMISPAN MODEL B



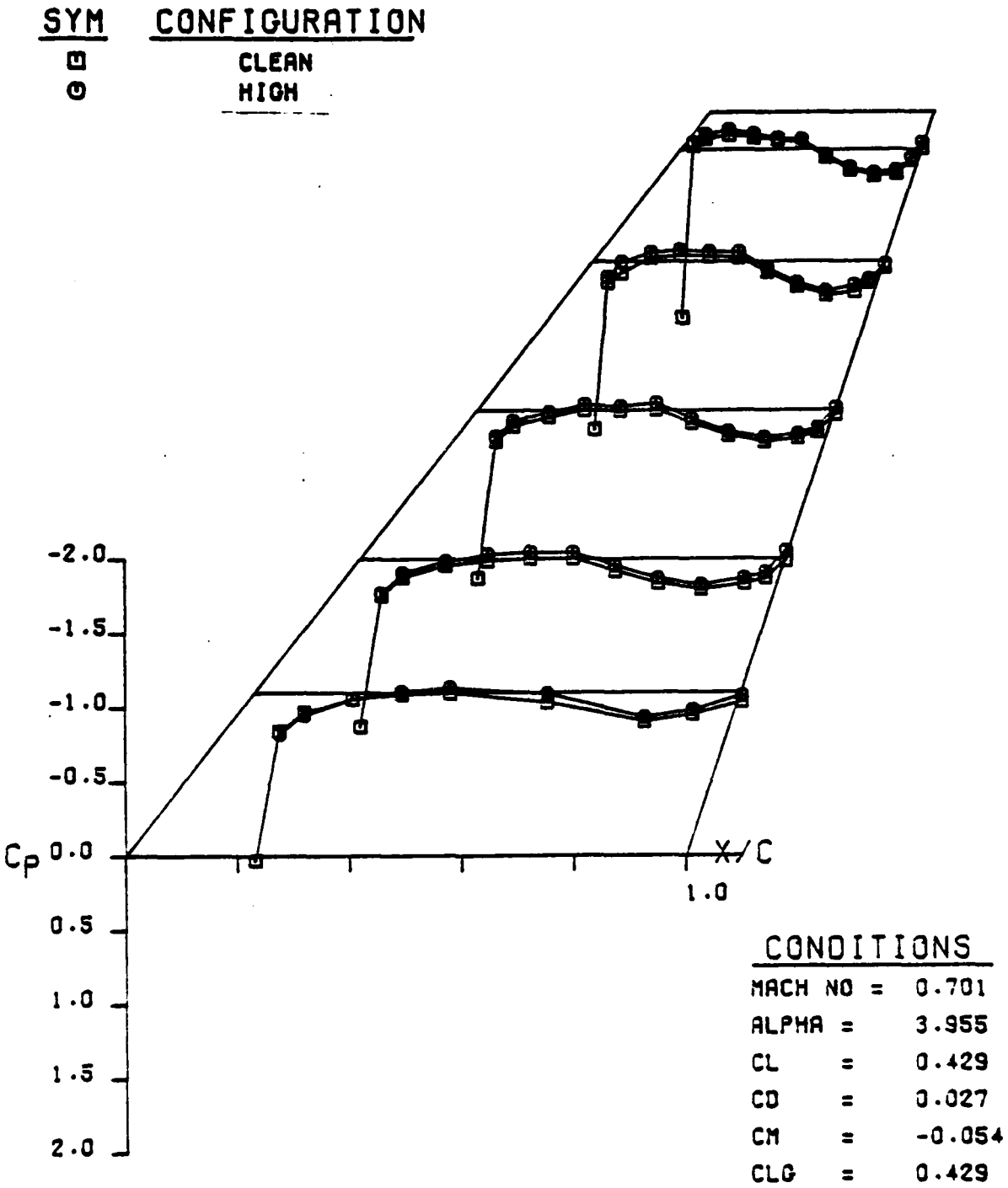
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS HIGH (UPR SURF ETA .60)
AFOSR SEMISPAN MODEL B



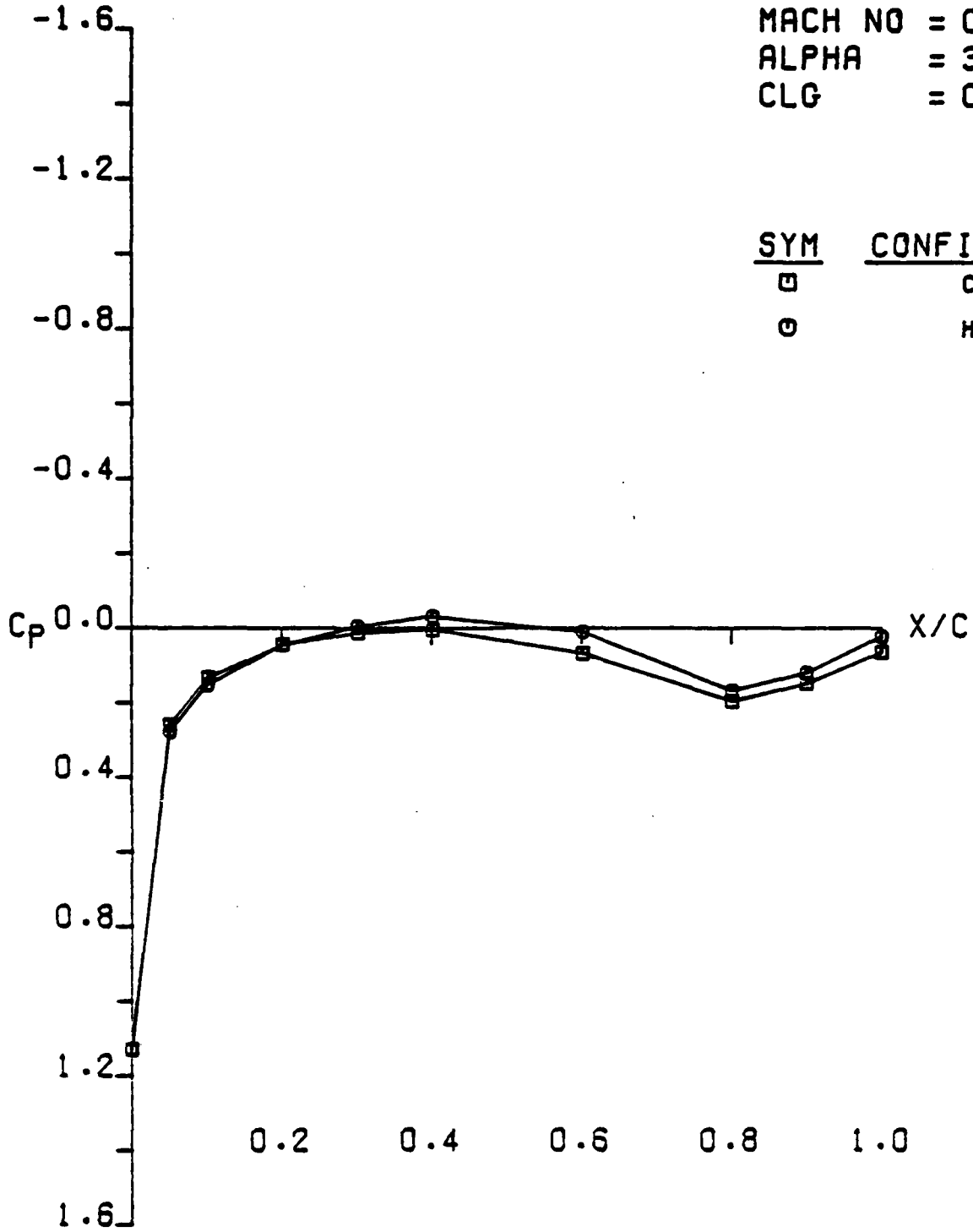
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS HIGH (UPR SURF ETA .8)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS *HIGH* (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL B



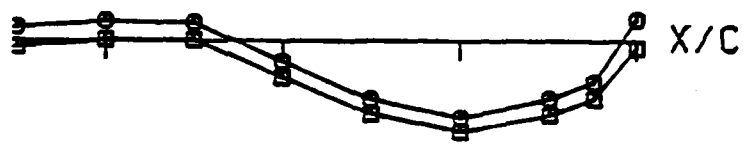
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS HIGH LWR SURF)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS HIGH (LWR SURF ETA.216)
AFOSR SEMISPAN MODEL B

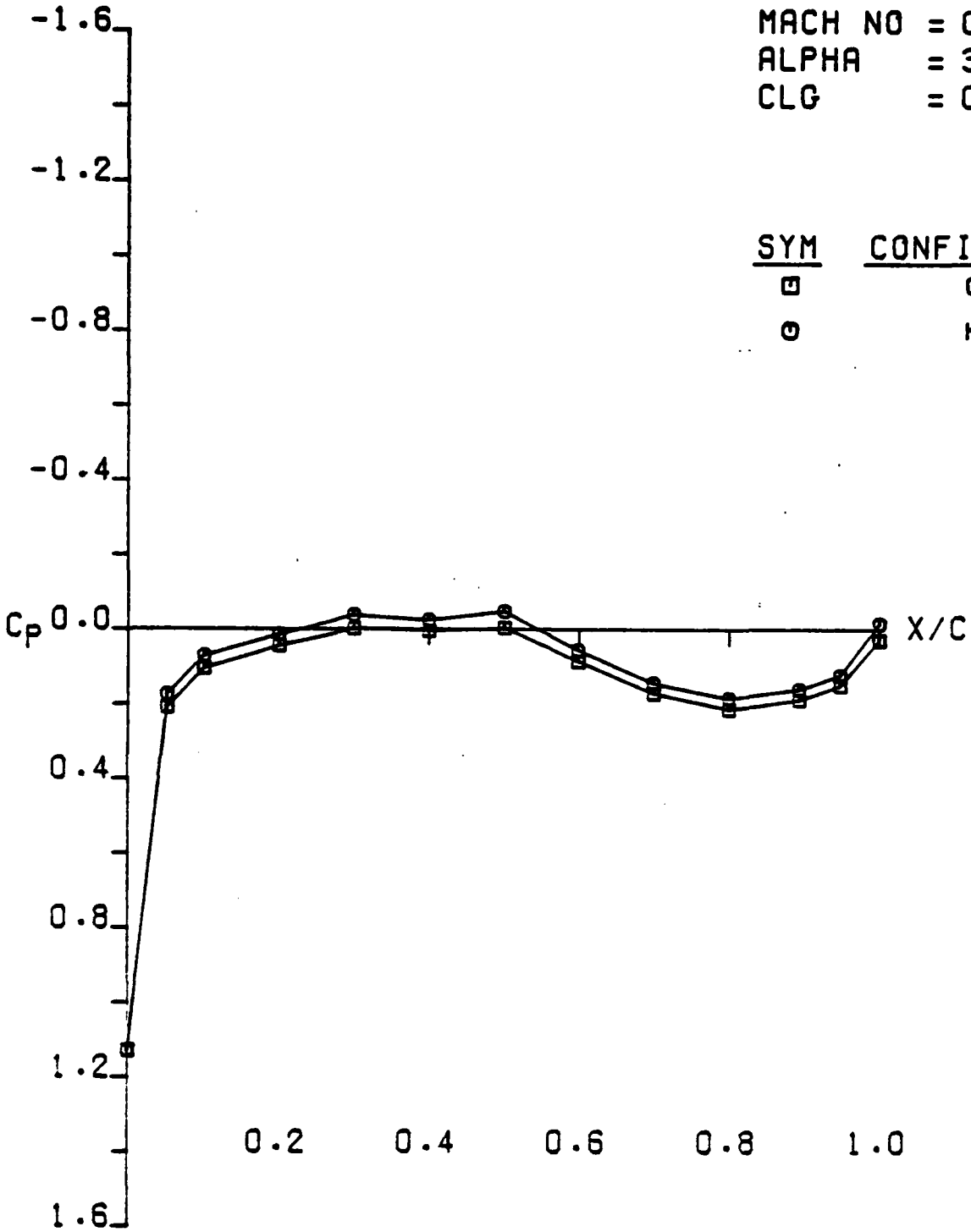
MACH NO = 0.701
ALPHA = 3.955
CLG = 0.429

SYM	CONFIGURATION
⊡	CLEAN
⊙	HIGH

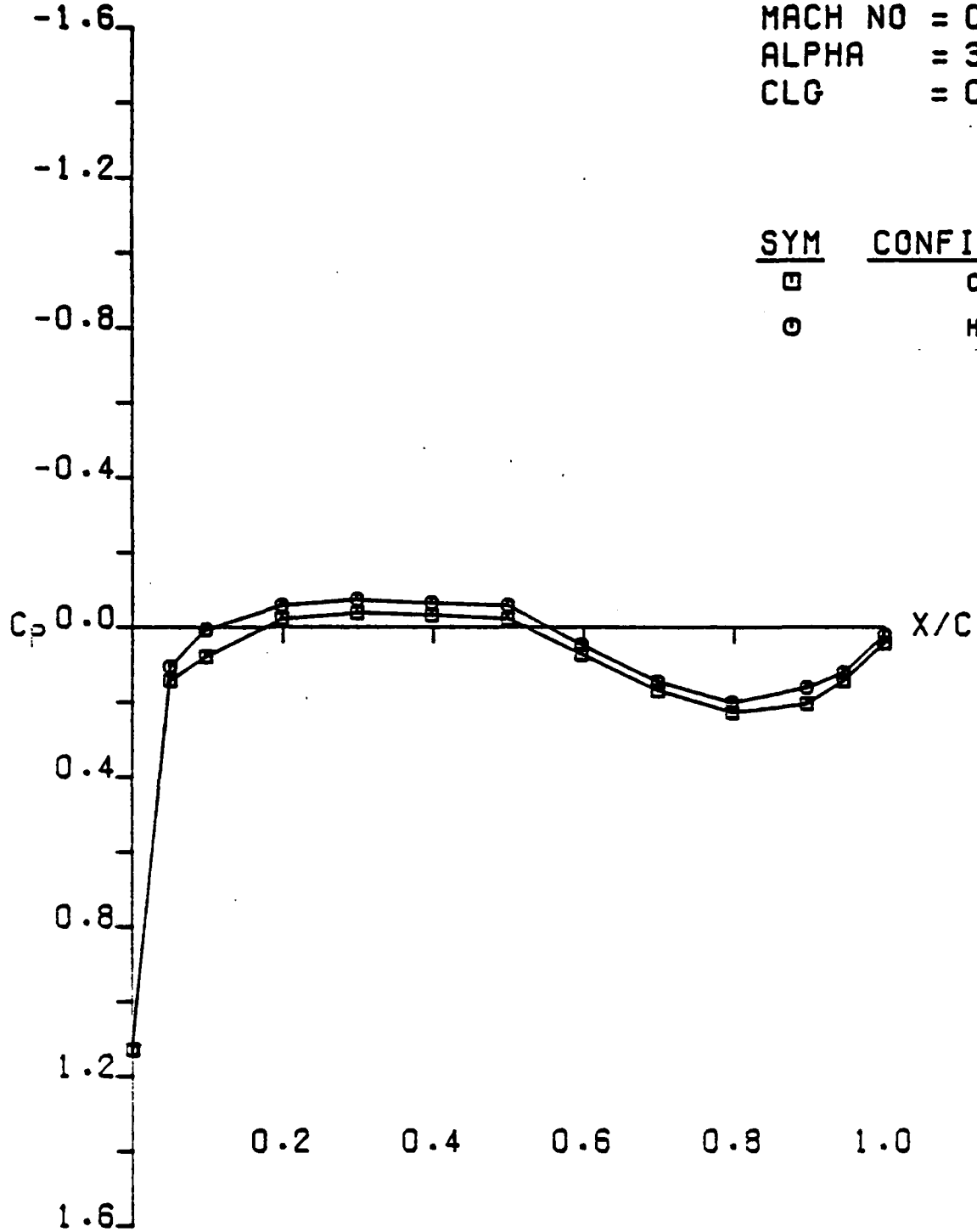


0.4 0.6 0.8 1.0

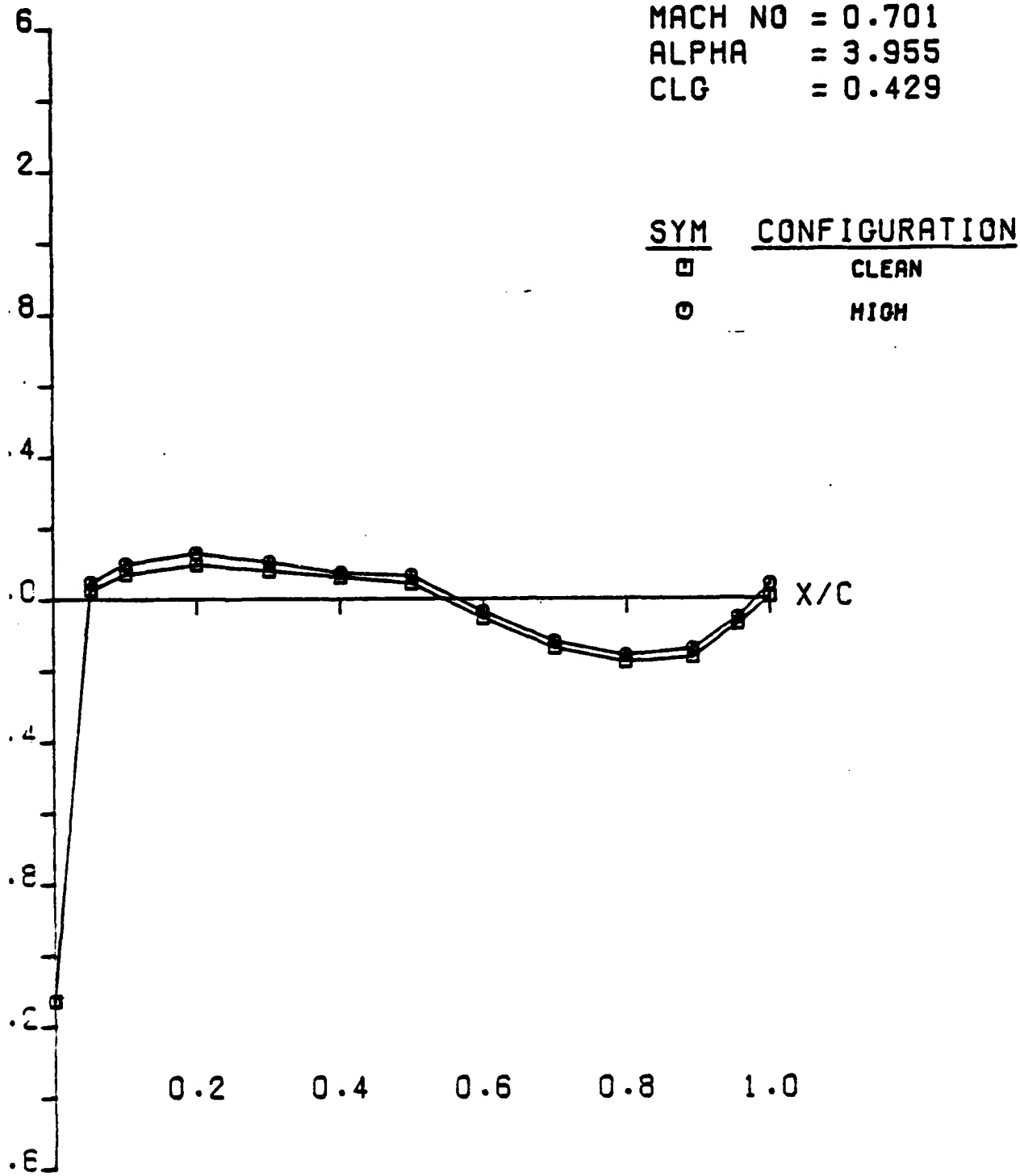
CFWT SEMI-SPAN TEST, RUN 5
(LWR SURF ETA.4)
SEMISPAN MODEL 8



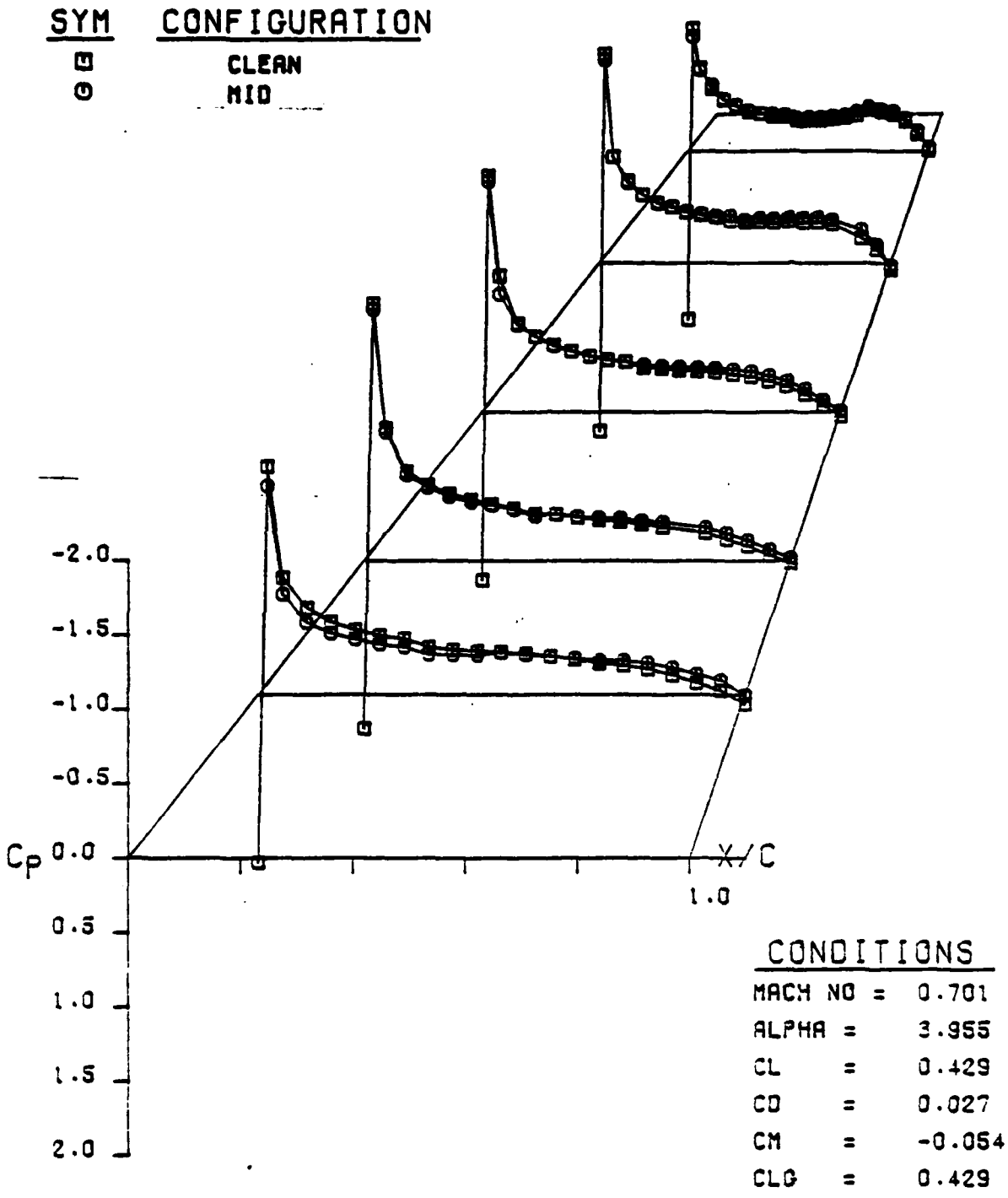
LOCKHEED CFWT SEMI-SPAN TEST. RUN 5
CLN VS HIGH (LWR SURF ETA.60)
AFOSR SEMISPAN MODEL 8



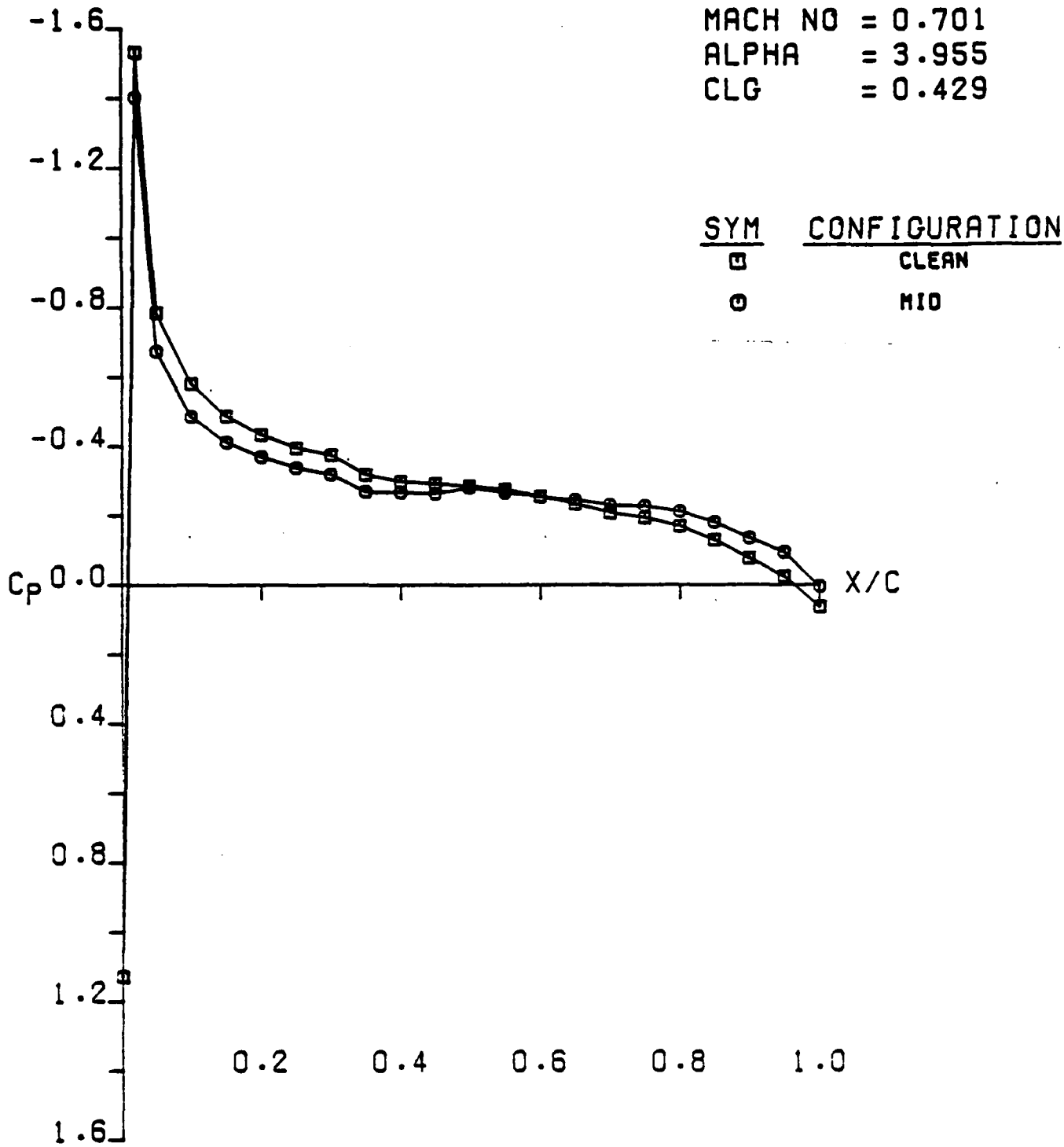
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS HIGH (LWR SURF ETA.8)
AFOSR SEMISPAN MODEL B



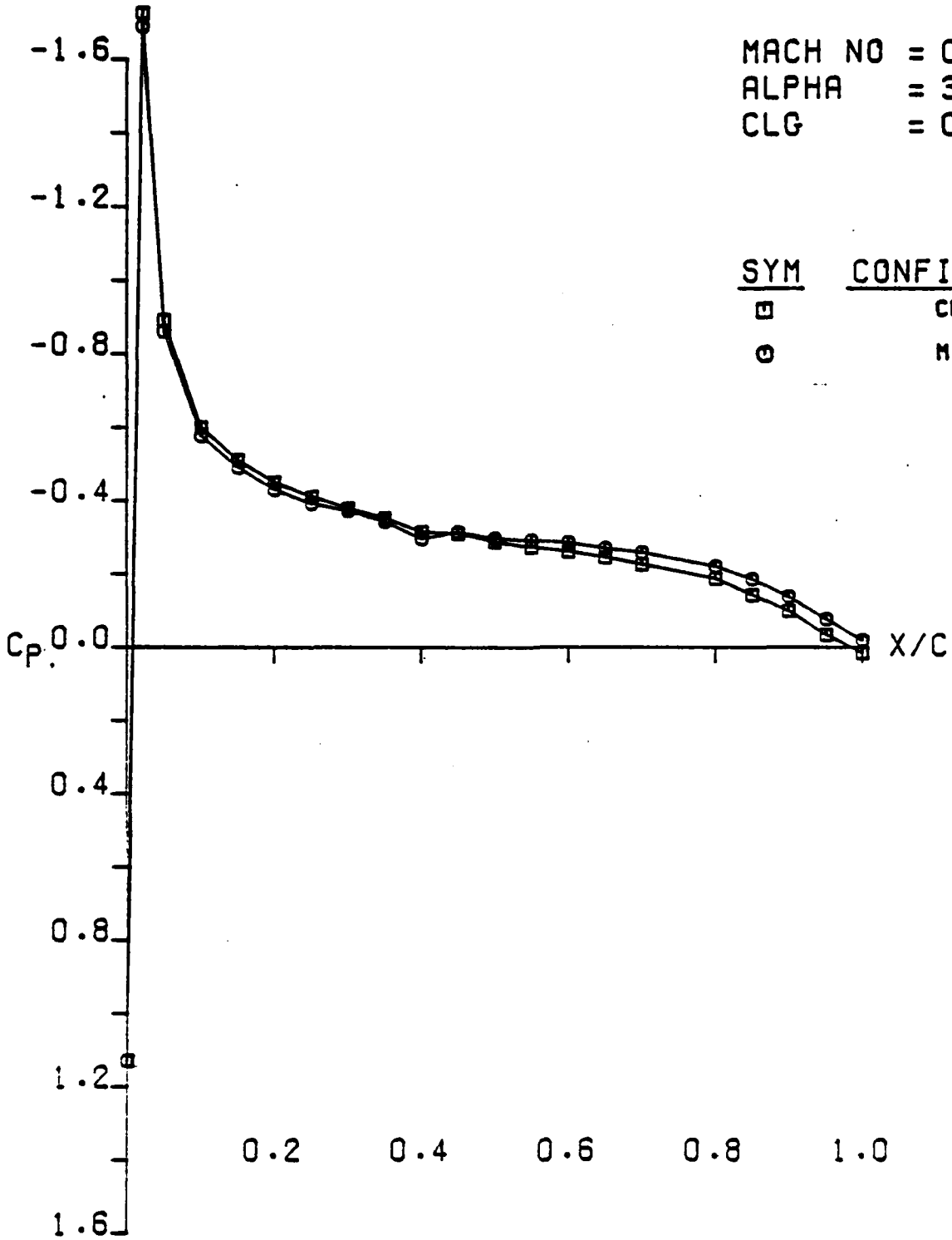
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS HIGH (LWR SURF ETA.95)
AFOSR SEMISPAN MODEL B



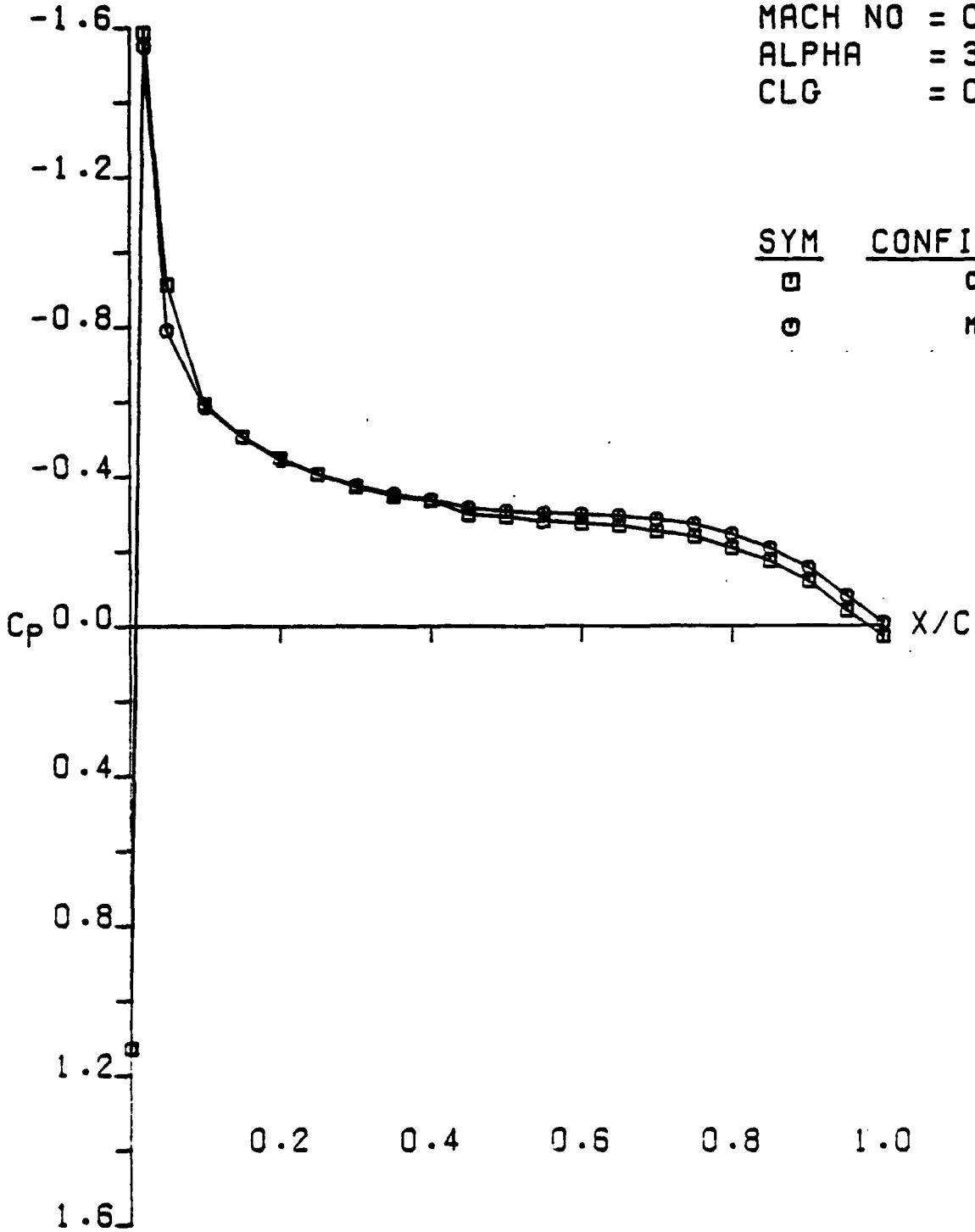
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS MID (UPR SURF)
AFOSR SEMISPAN MODEL B



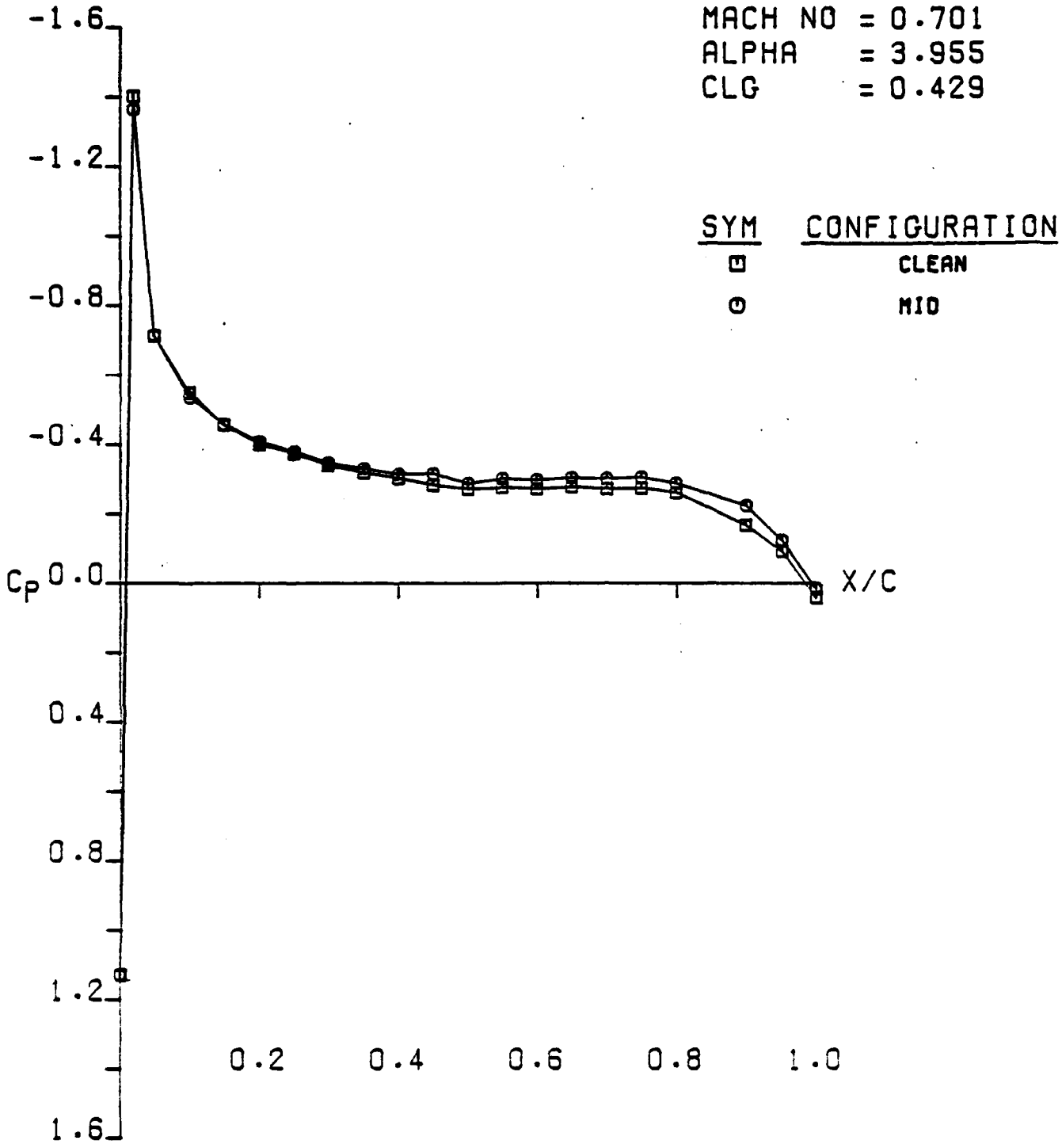
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS MID (UPR SURF ETA.216)
AFOSR SEMISPAN MODEL B



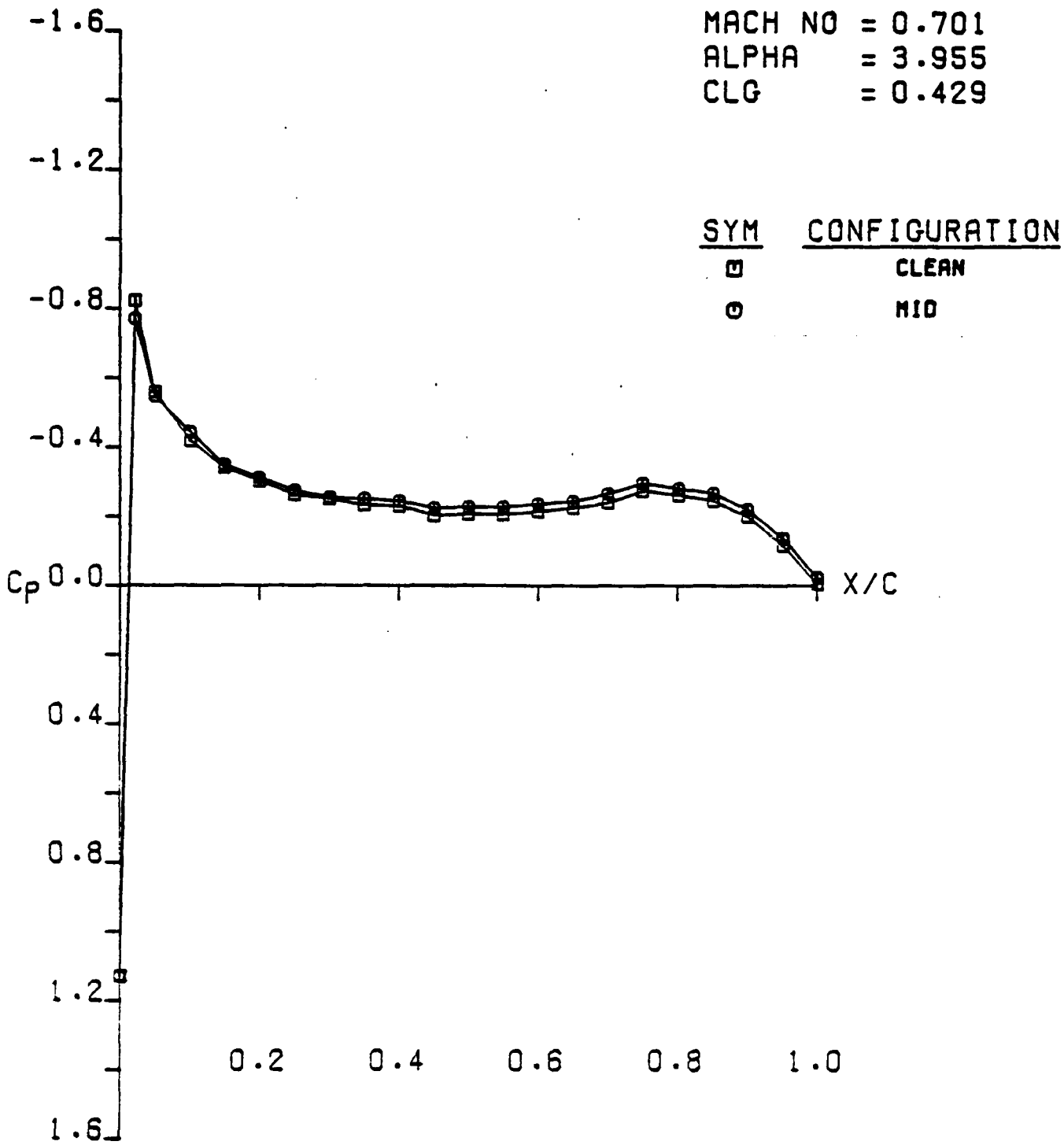
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS MID (UPR SURF ETA .40)
AFOSR SEMISPAN MODEL B



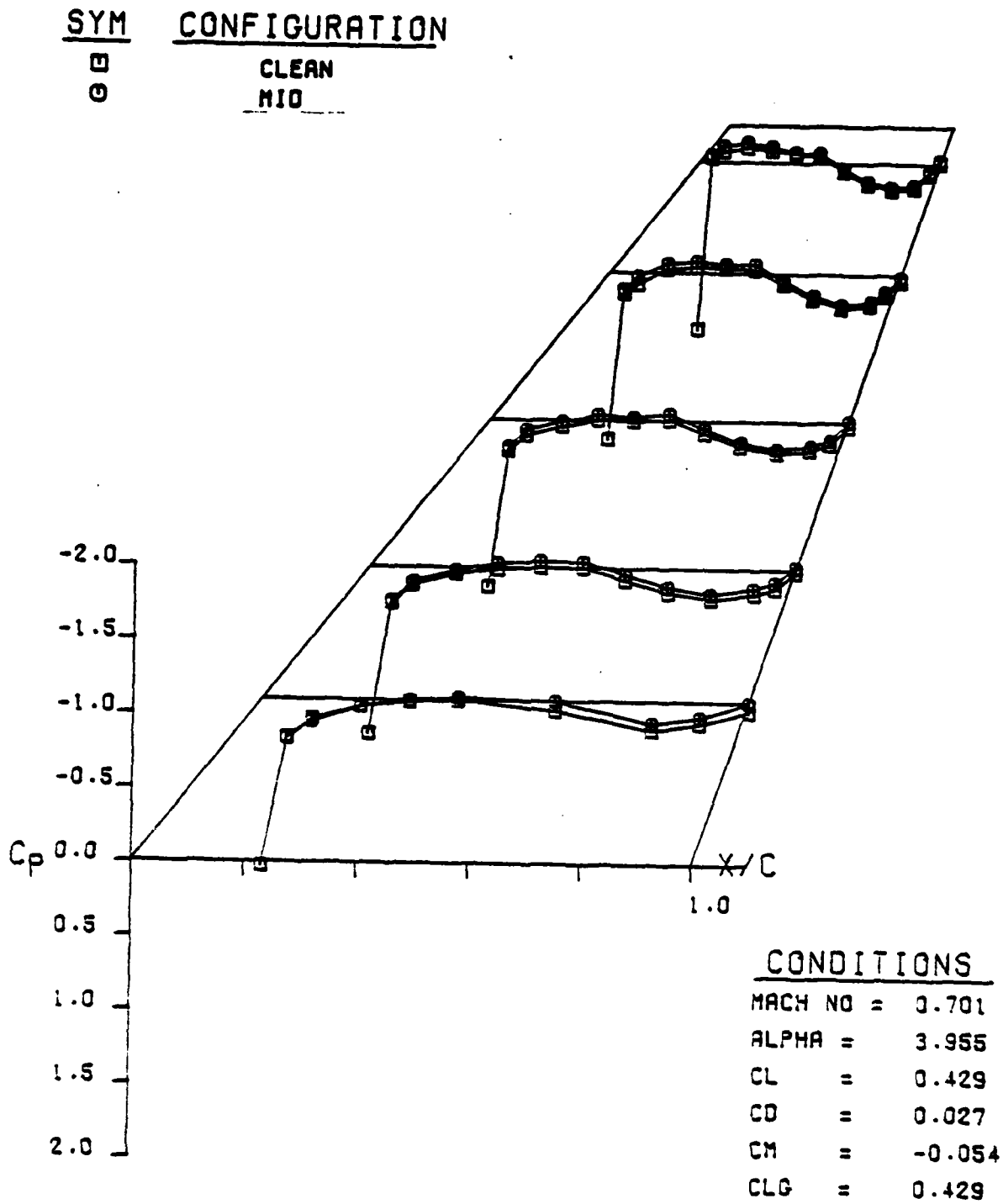
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS MID (UPR SURF ETA .60)
AFOSR SEMISPAN MODEL B



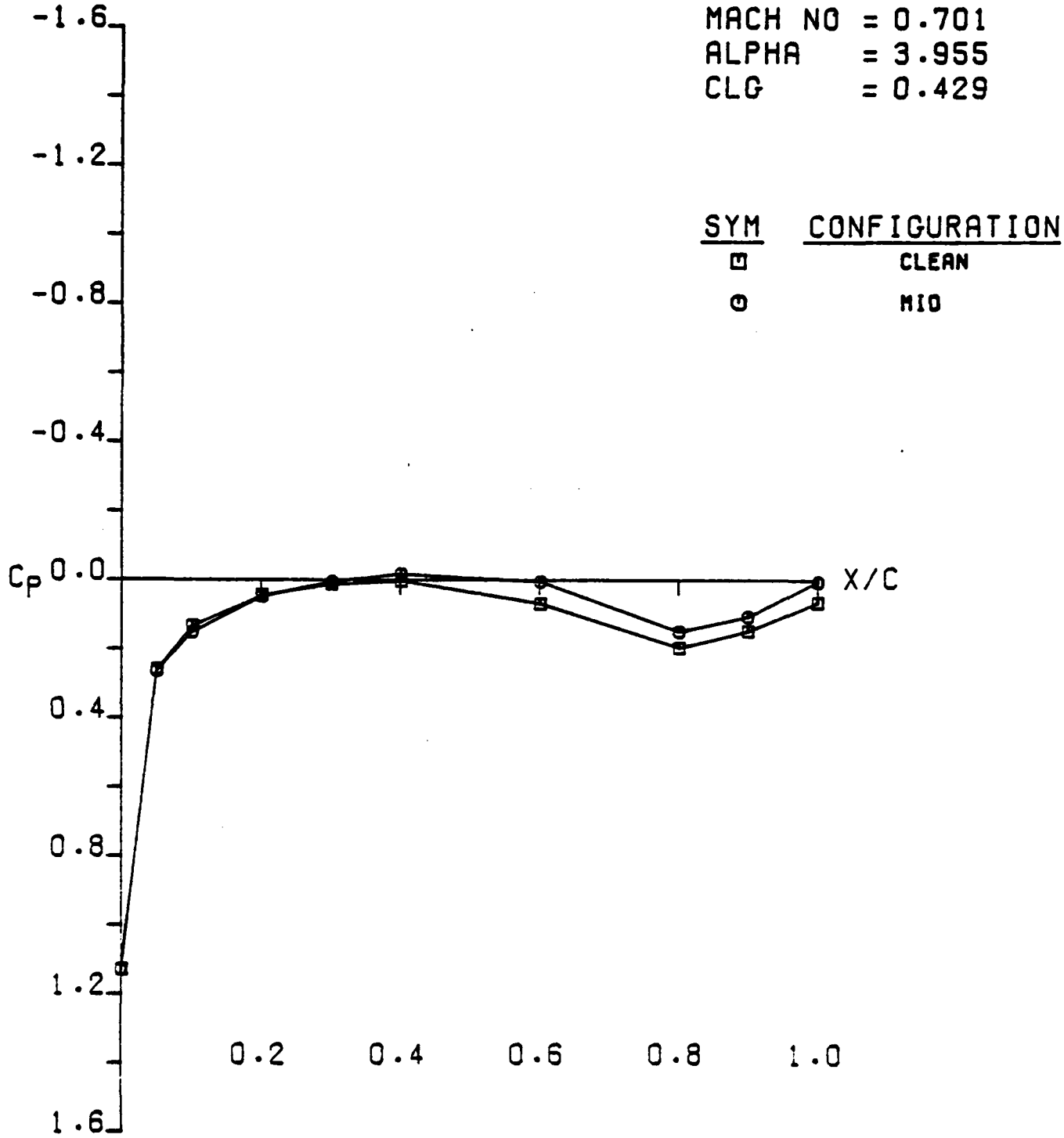
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS MID (UPR SURF ETA .8)
AFOSR SEMISPAN MODEL B



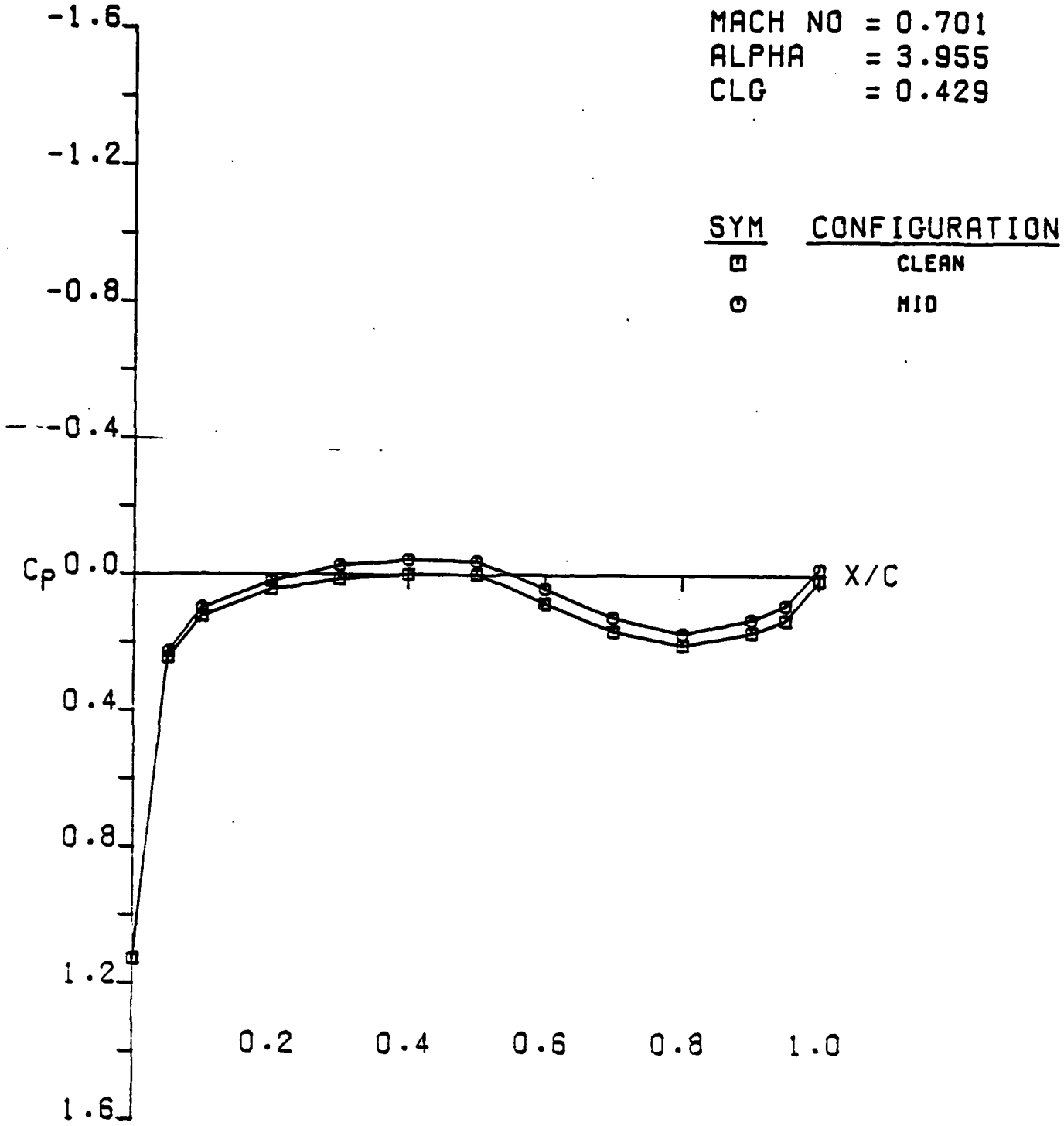
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS MID (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL B



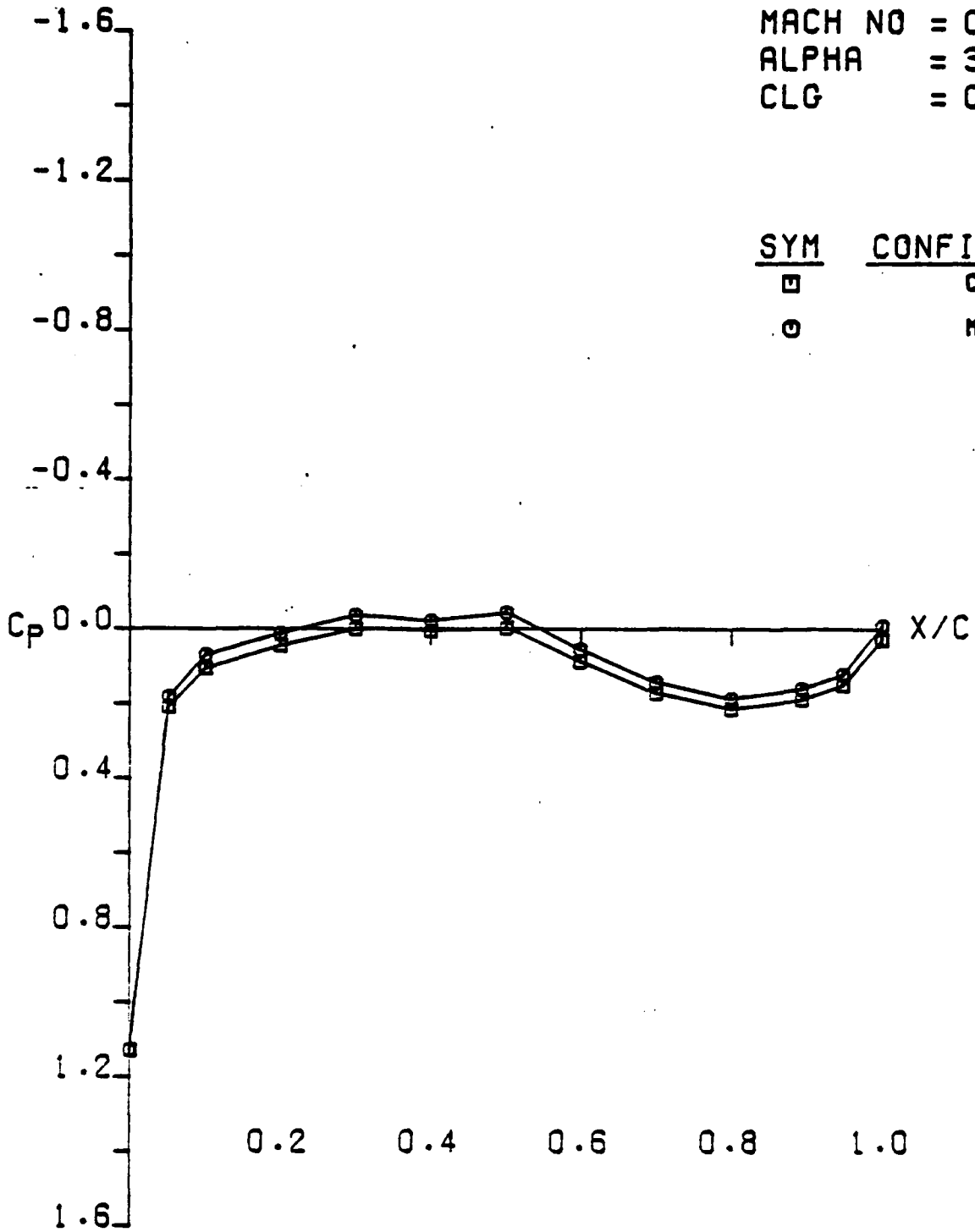
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS MID (LWR SURF)
AFOSR SEMISPAN MODEL B



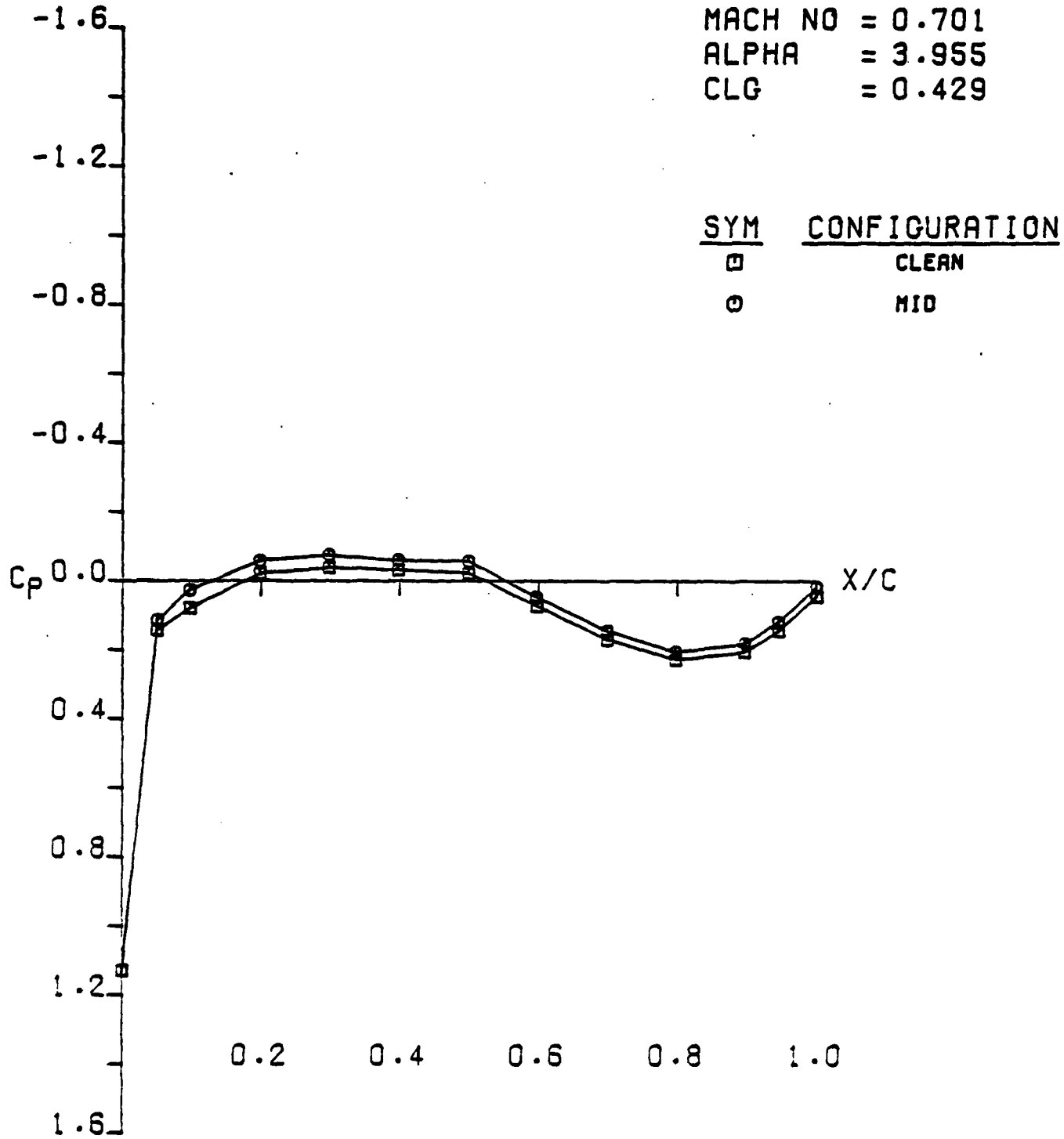
LOCKHEED CFWT SEMI-SPAN TEST. RUN 5
CLN VS MID (LWR SURF ETA.216)
AFOSR SEMISPAN MODEL B



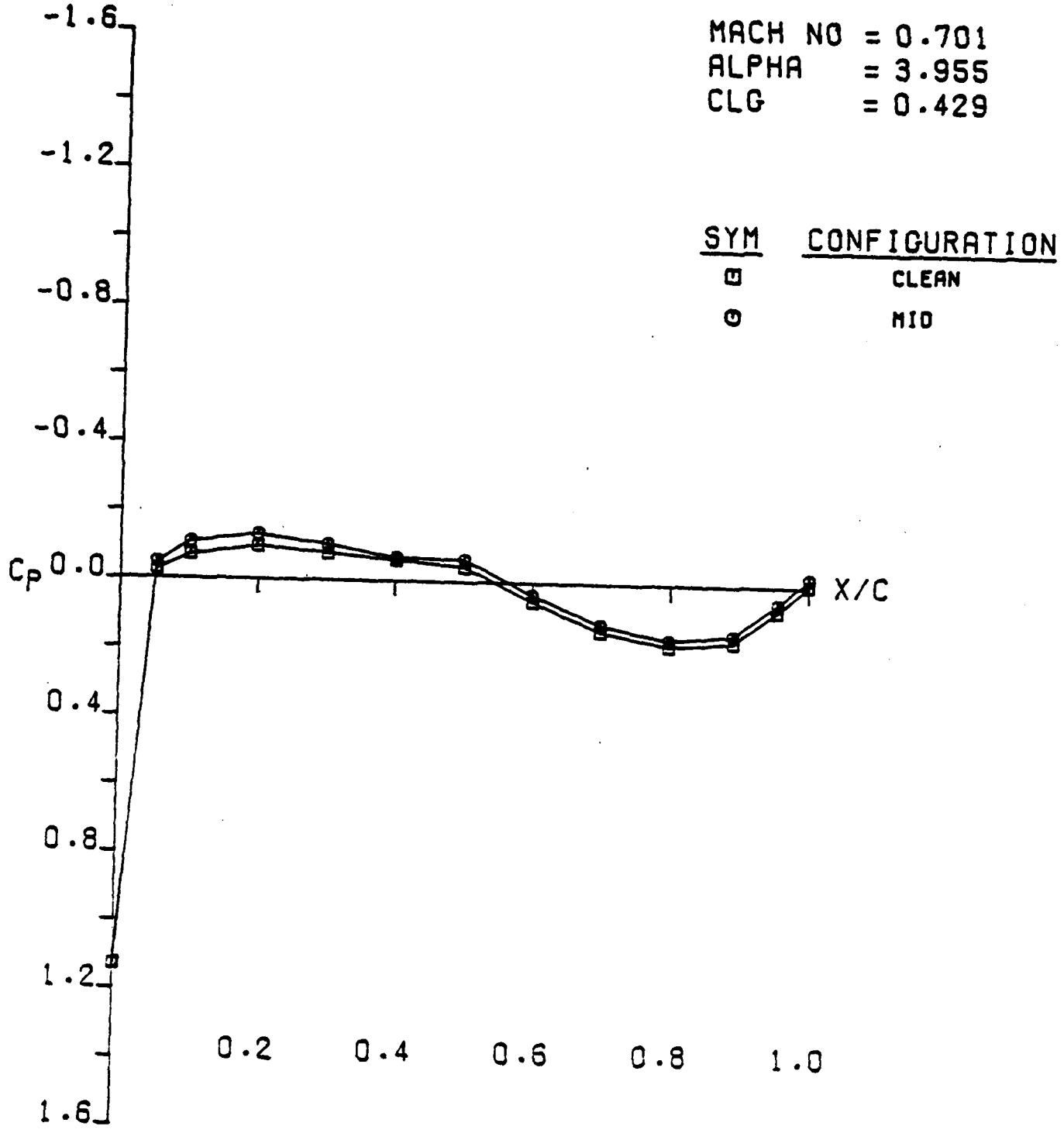
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS MID (LWR SURF ETA.4)
AFOSR SEMISPAN MODEL 8



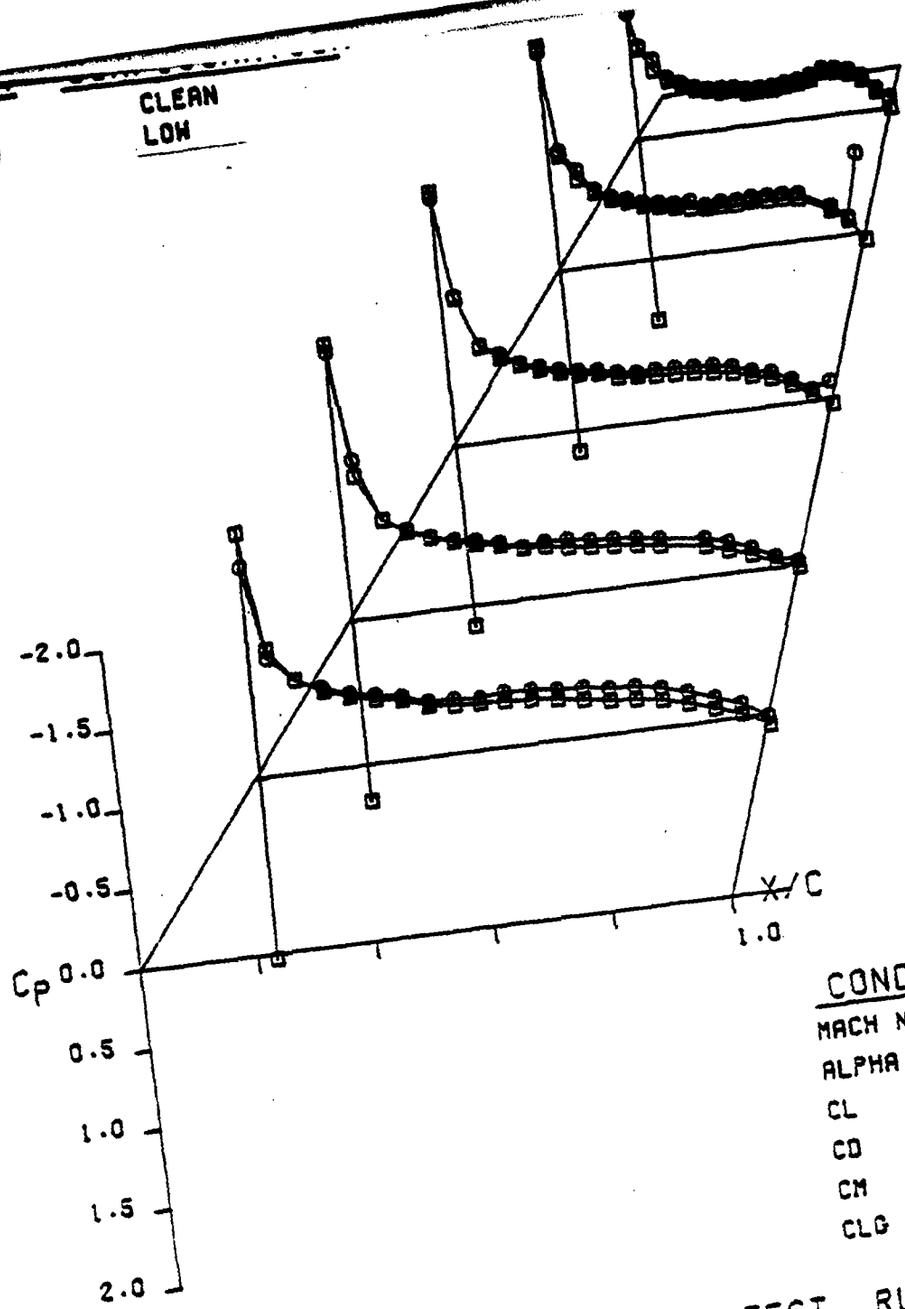
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS MID (LWR SURF ETA.60)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS MID (LWR SURF ETA.8)
AFOSR SEMISPAN MODEL B



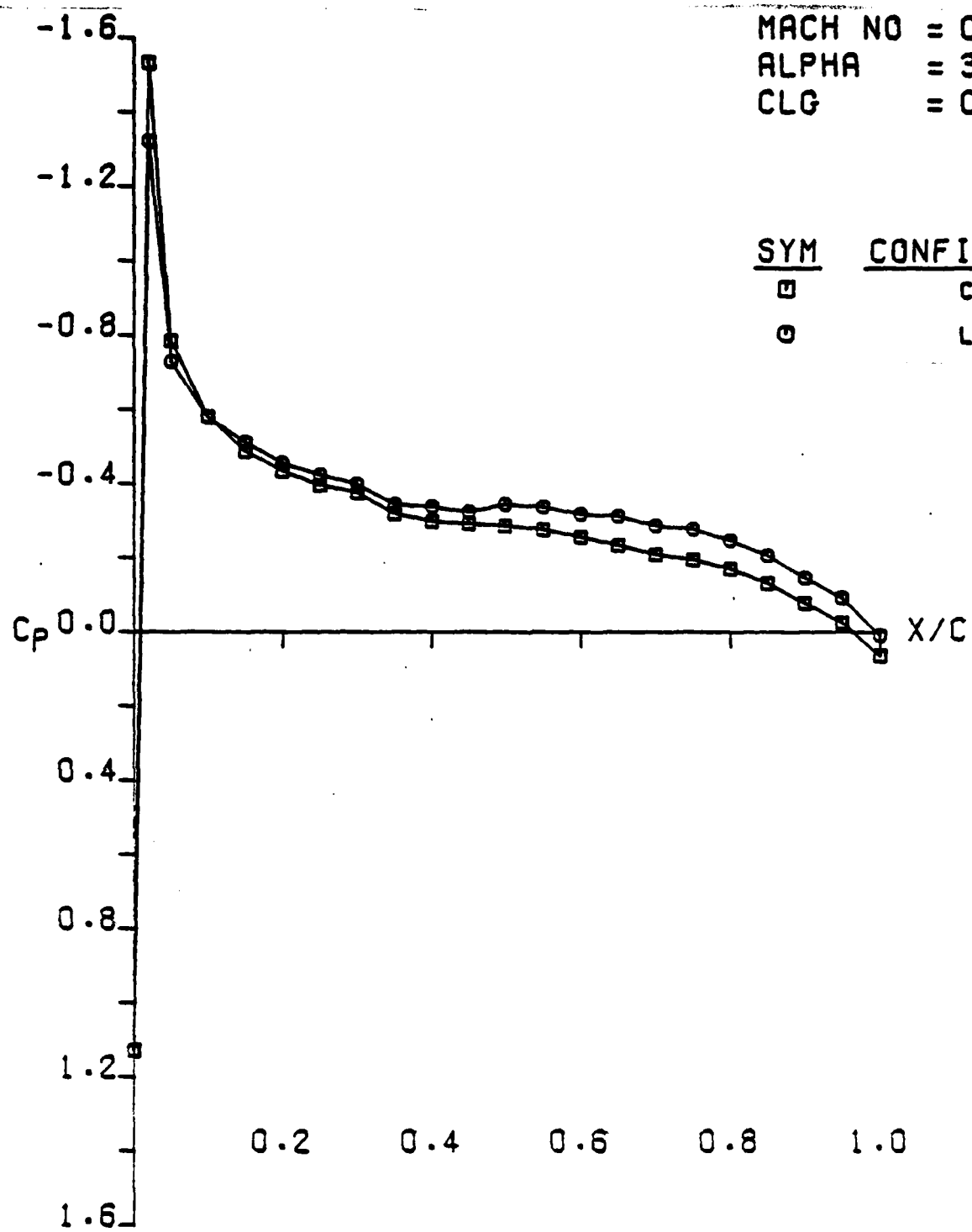
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS MID (LWR SURF ETA.95)
AFOSR SEMISPAN MODEL B



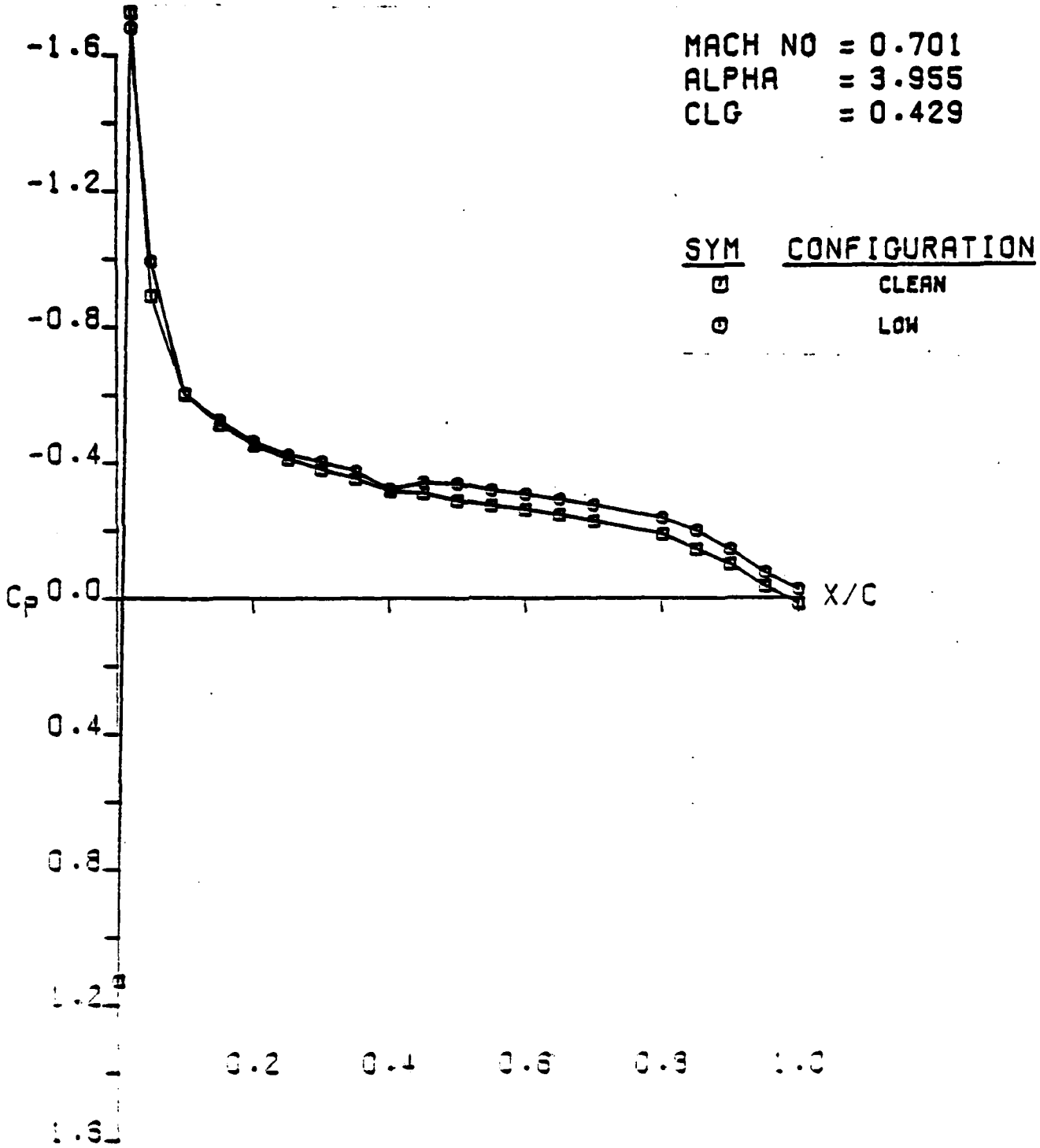
CONDITIONS

MACH NO	=	0.701
ALPHA	=	3.955
CL	=	0.429
CD	=	0.027
CM	=	-0.054
CLG	=	0.429

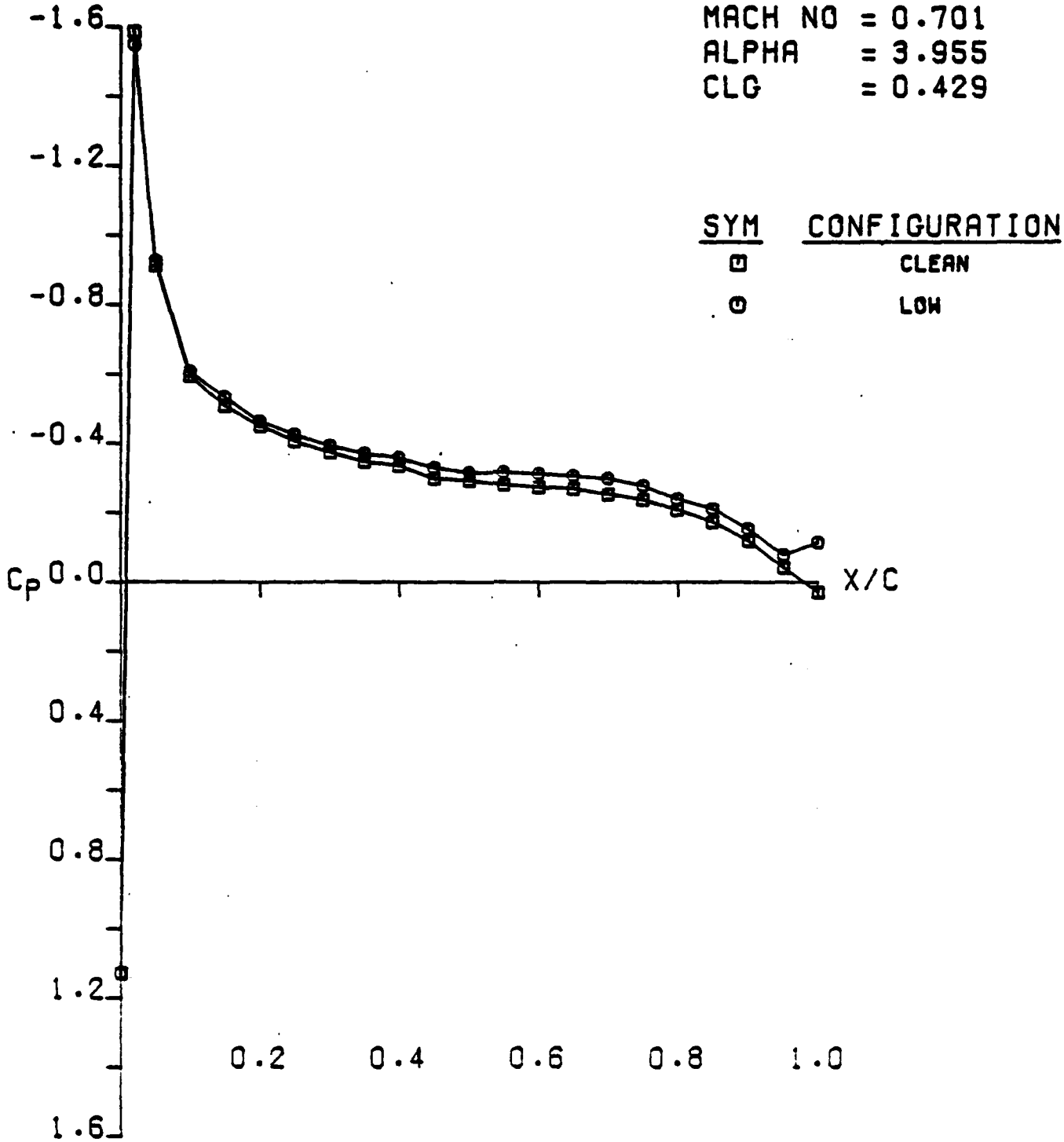
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS LOW (UPR SURF)
AFOSR SEMISPAN MODEL B



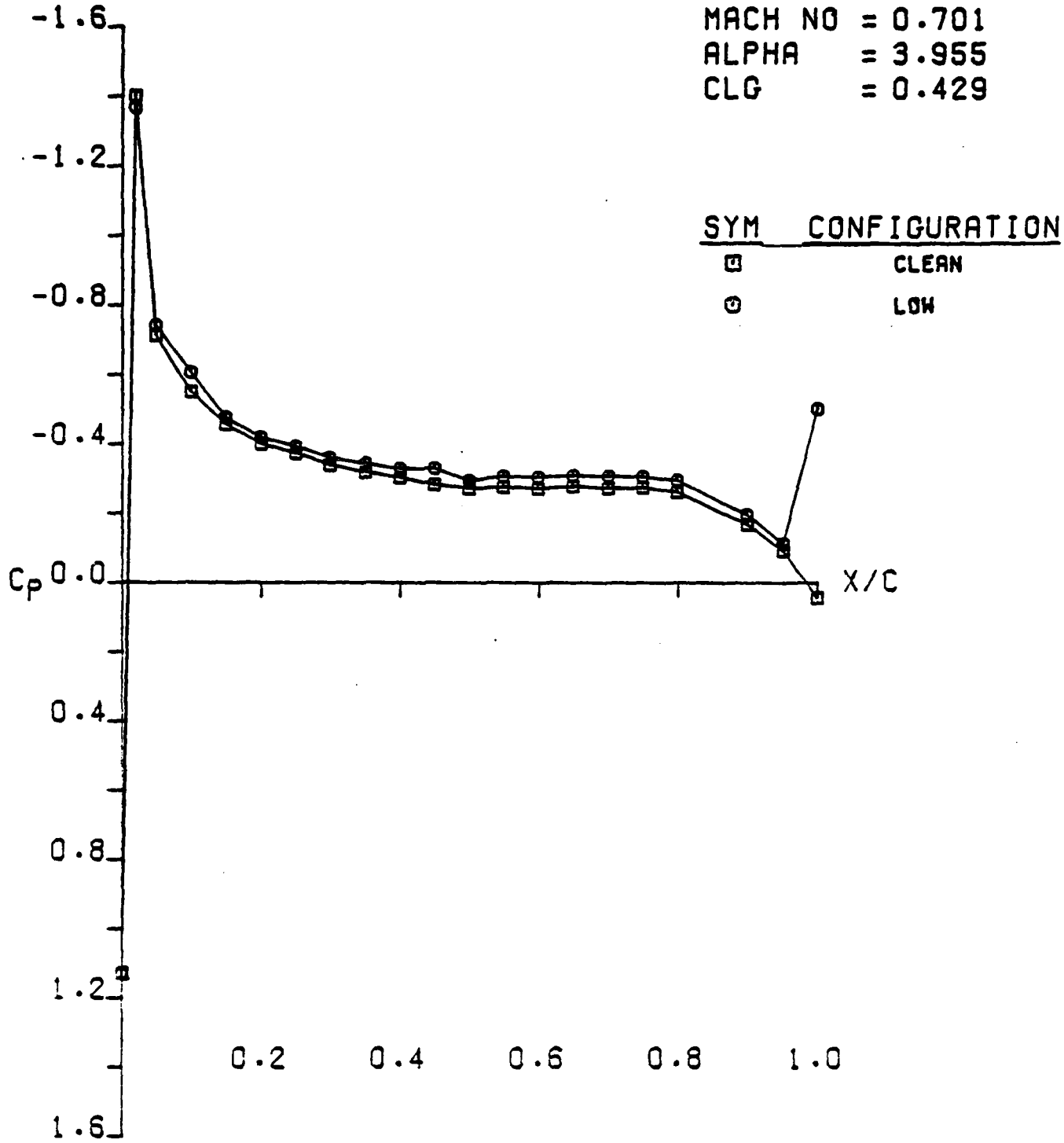
LOCKHEED CFWT SEMI-SPAN TEST. RUN 5
CLN VS LOW (UPR SURF ETA.216)
AFOSR SEMISPAN MODEL B



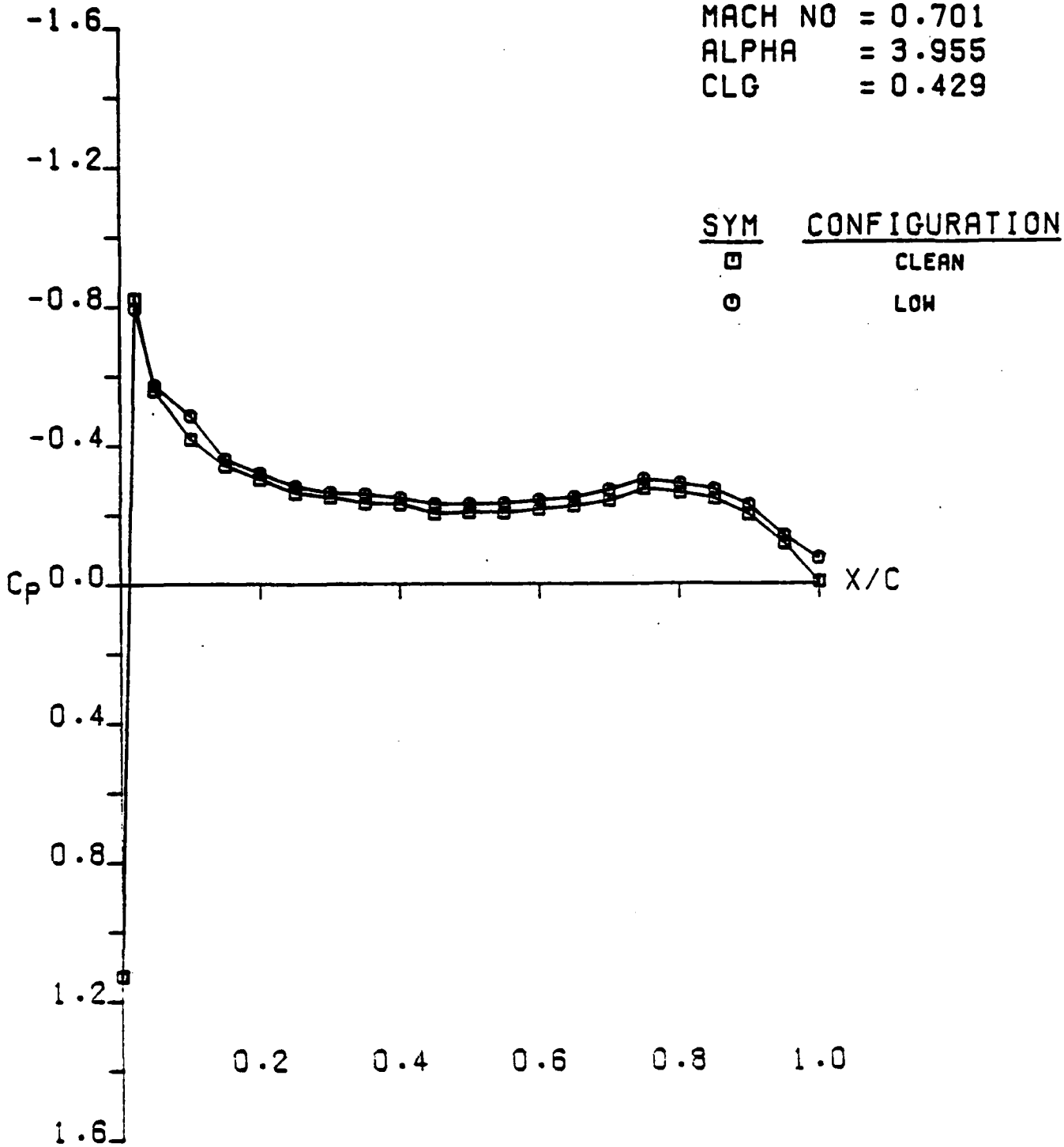
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS LOW (UPR SURF ETA .40)
AFOSR SEMISPAN MODEL 3



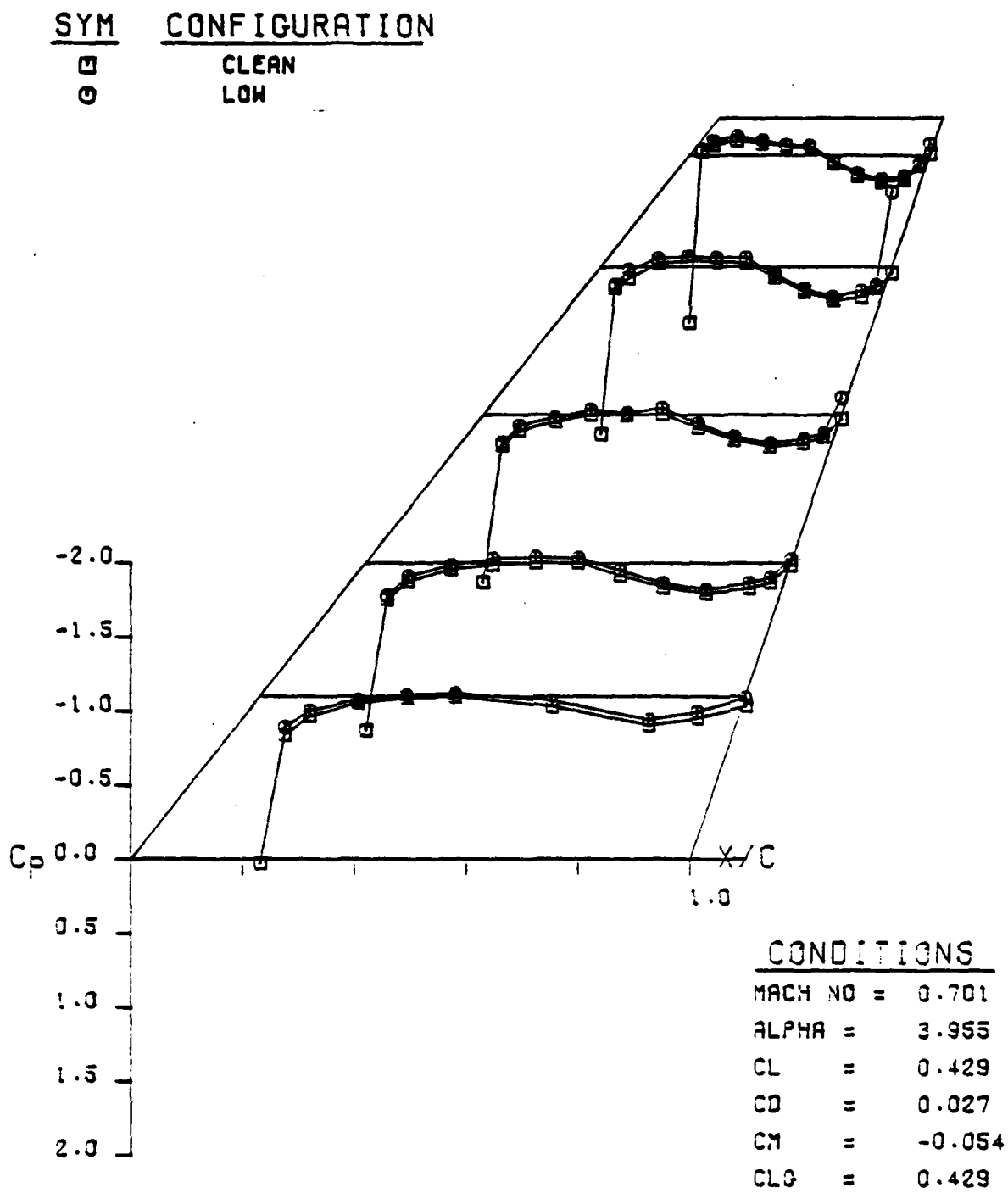
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS LOW (UPR SURF ETA .60)
AFOSR SEMISPAN MODEL B



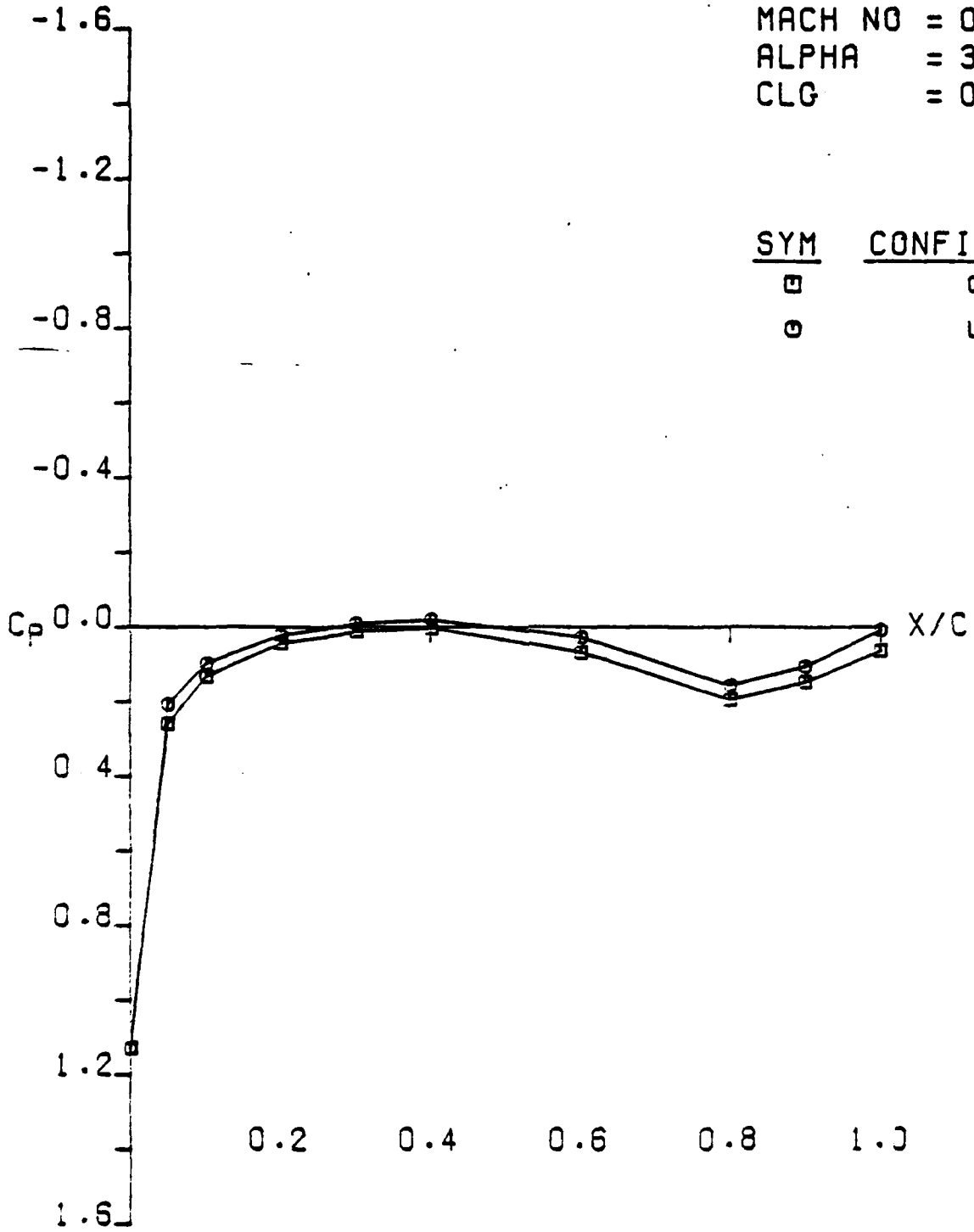
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS LOW (UPR SURF ETA .8)
AFOSR SEMISPAN MODEL B



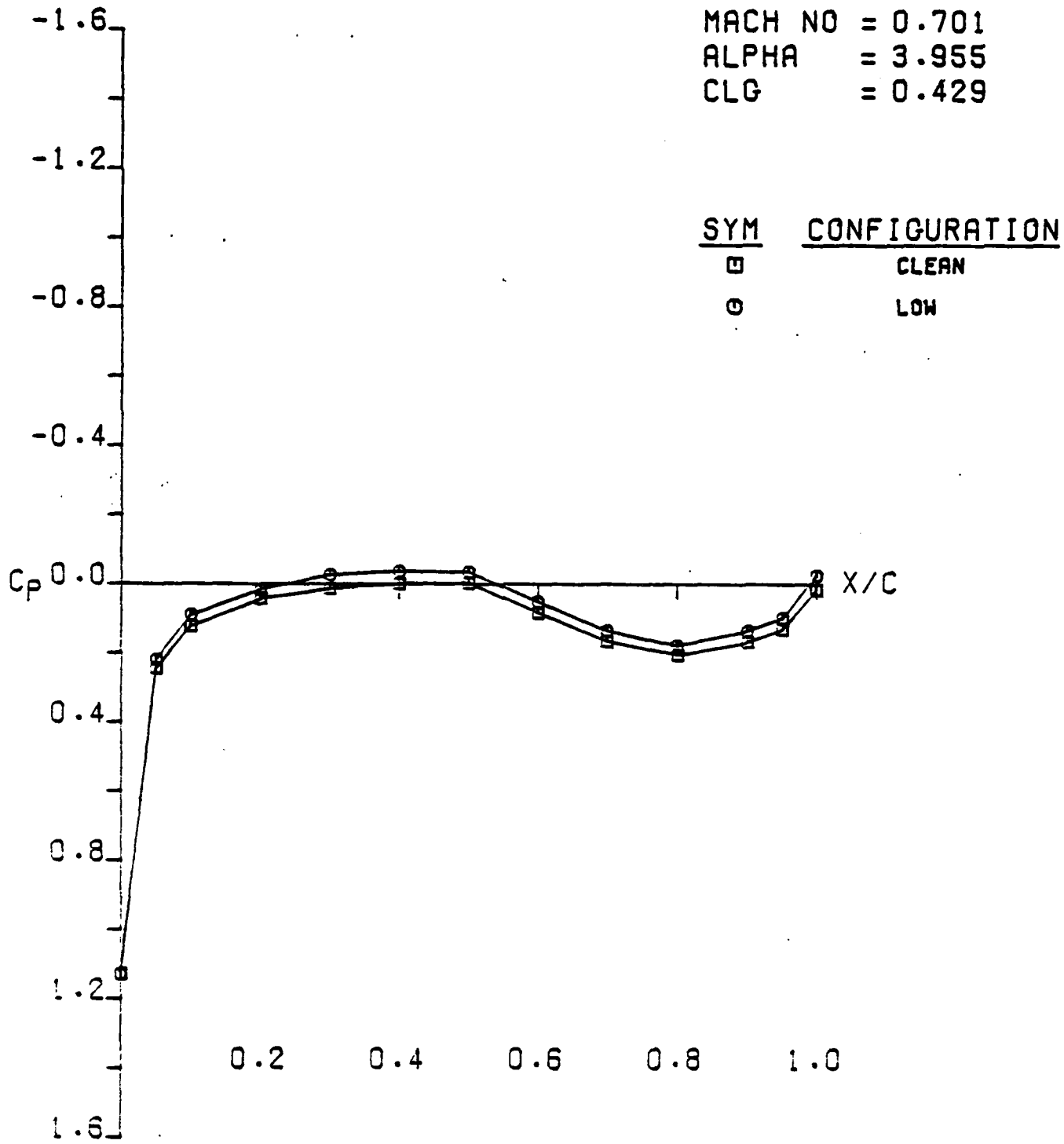
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS LOW (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL B



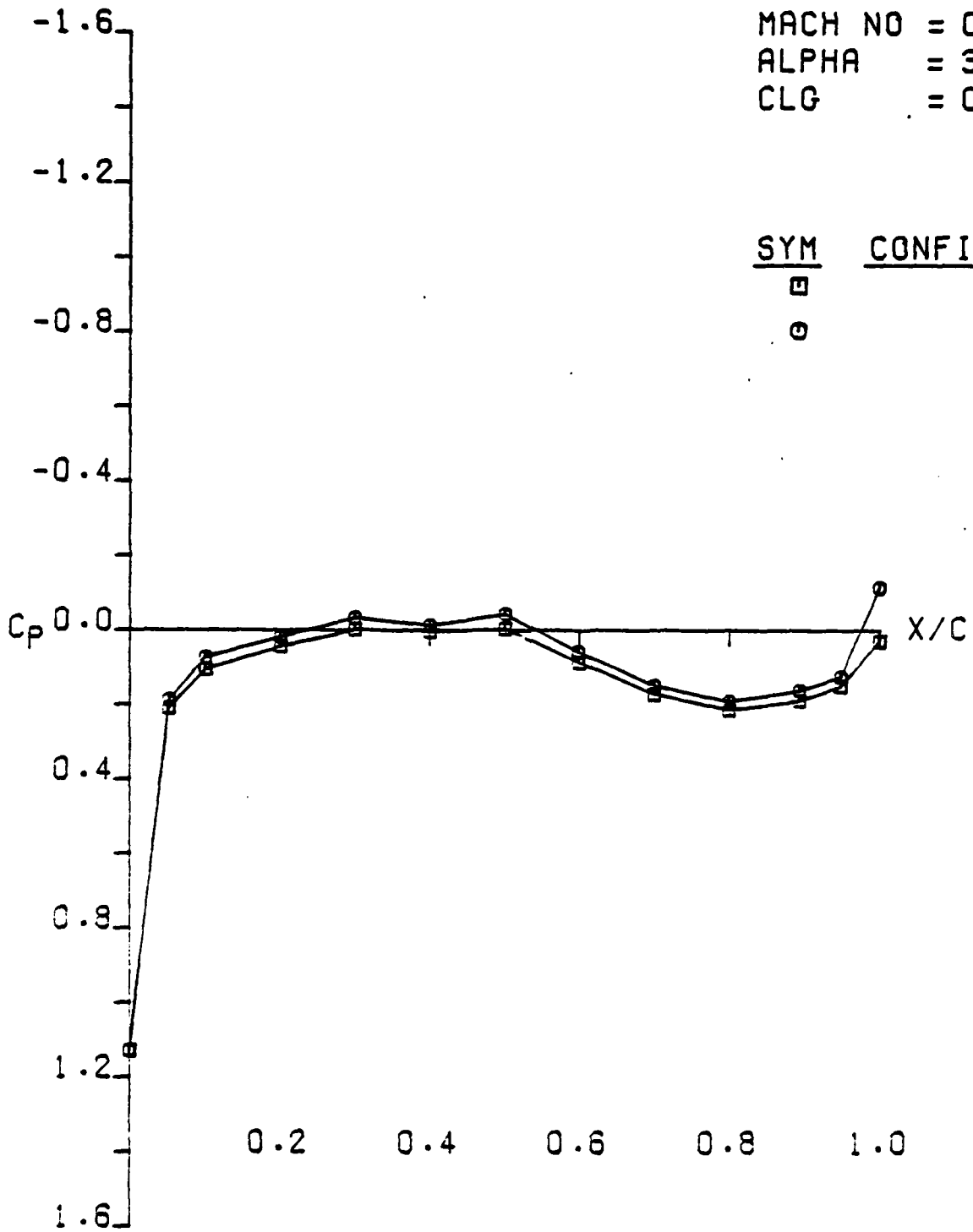
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS LOW (LWR SURF)
AFOSR SEMISPAN MODEL B



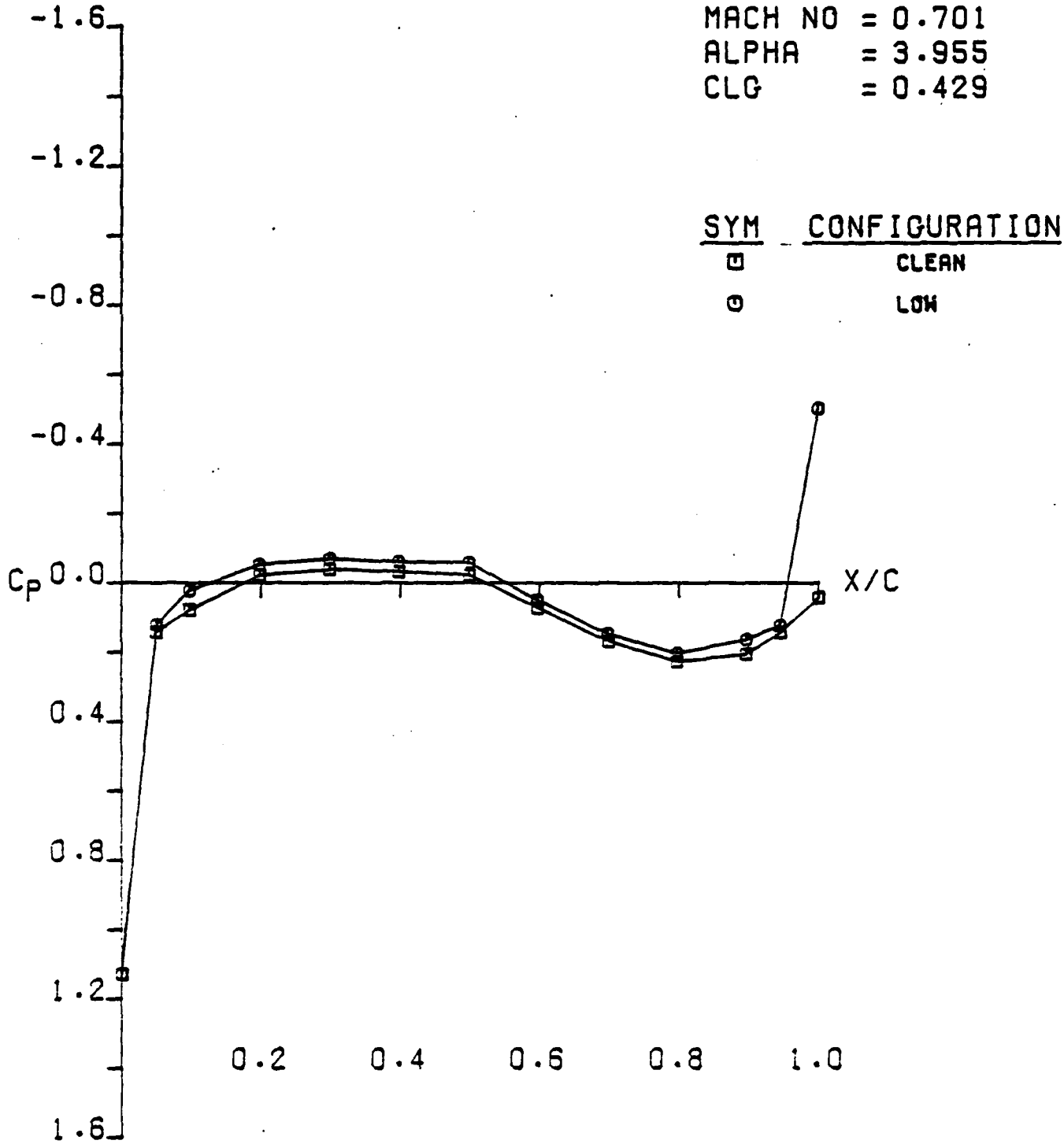
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS LOW (LWR SURF ETA.216)
AFOSR SEMISPAN MODEL B



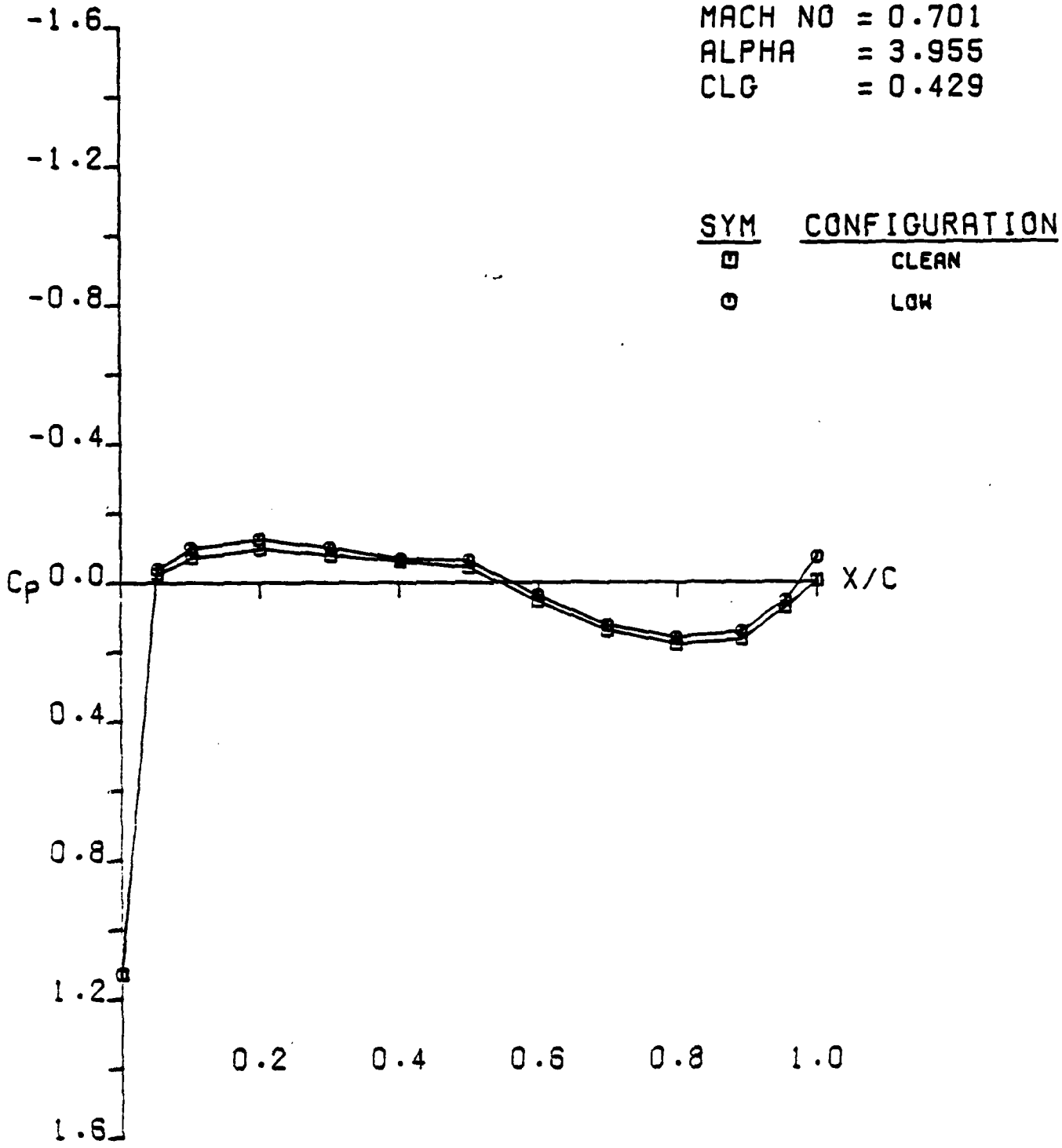
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS LOW (LWR SURF ETA.4)
AFOSR SEMISPAN MODEL B



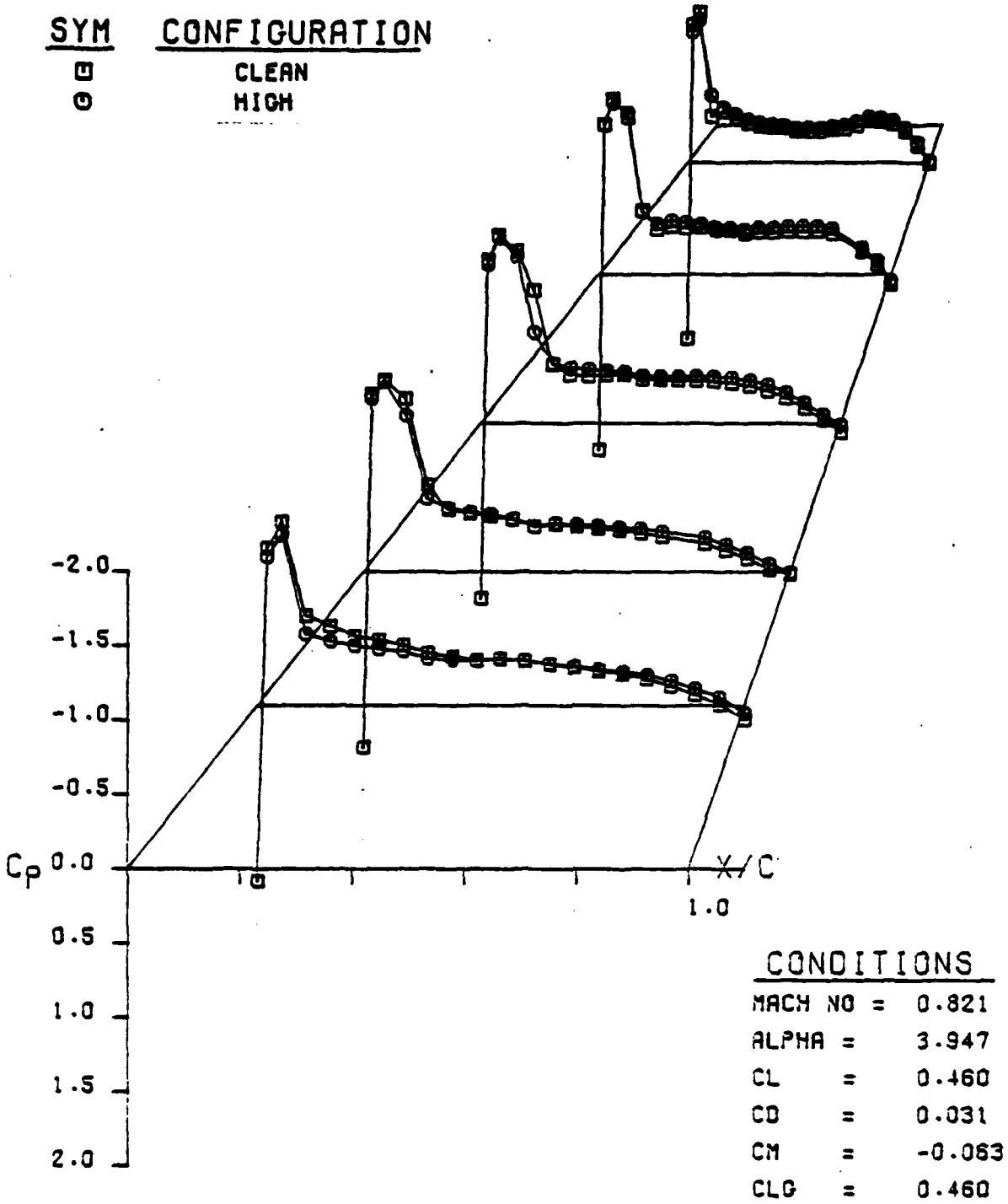
LOCKHEED CFWT SEMI-SPAN TEST. RUN 5
CLN VS LOW (LWR SURF ETA.60)
AFOSR SEMISPAN MODEL B



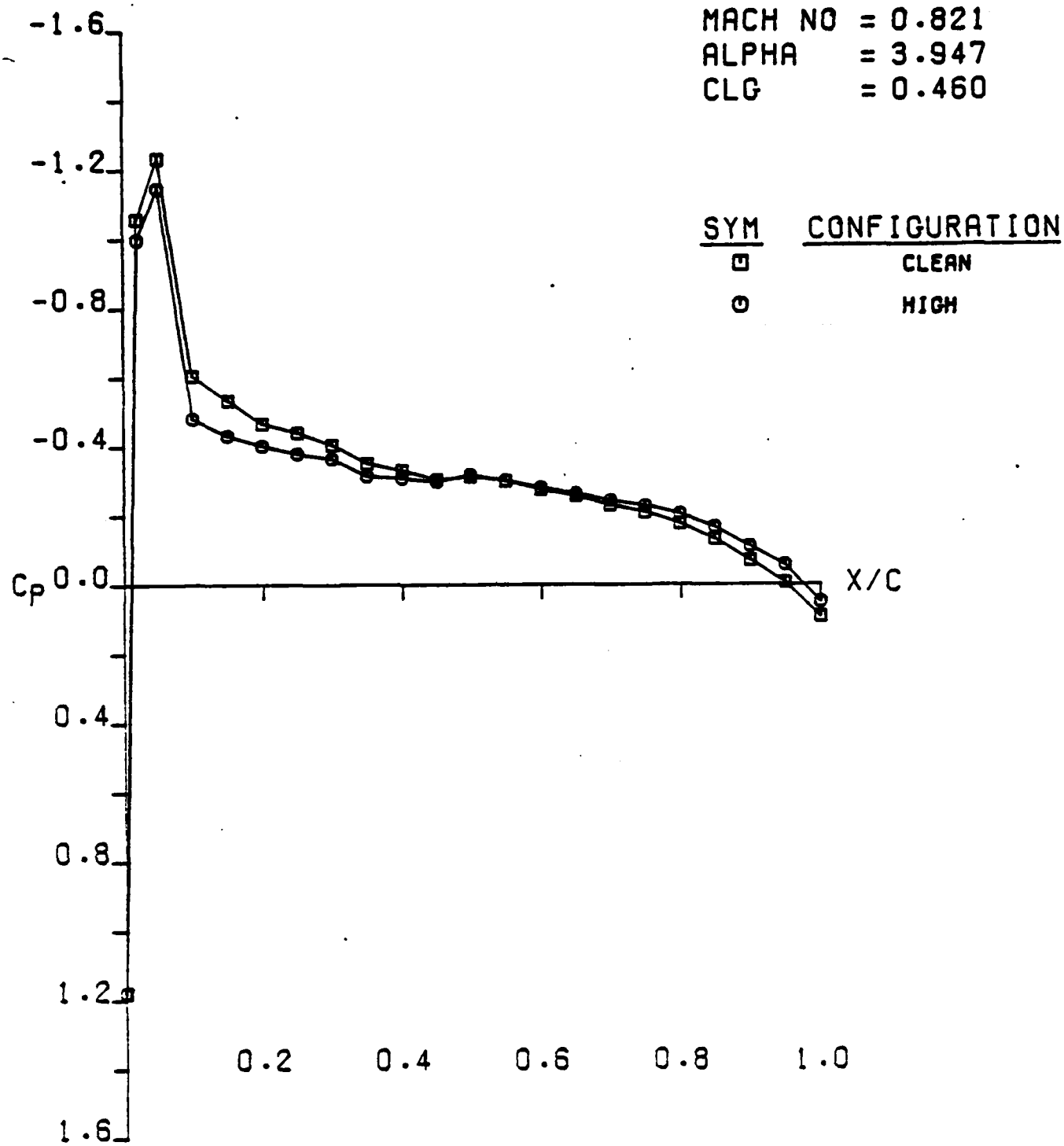
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS LOW (LWR SURF ETA.8)
AFOSR SEMISPAN MODEL B



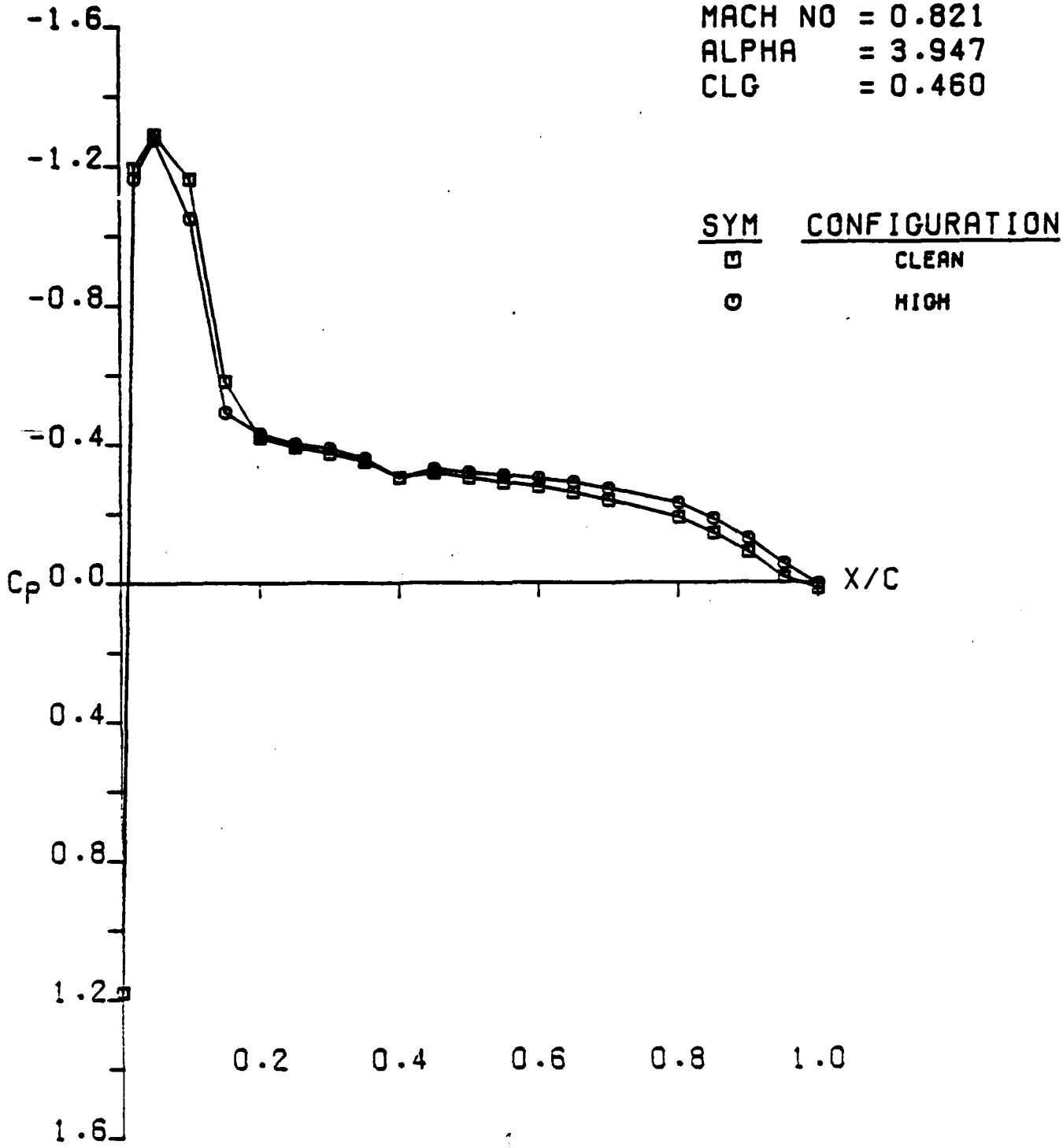
LOCKHEED CFWT SEMI-SPAN TEST, RUN 5
CLN VS LOW (LWR SURF ETA.95)
AFOSR SEMISPAN MODEL B



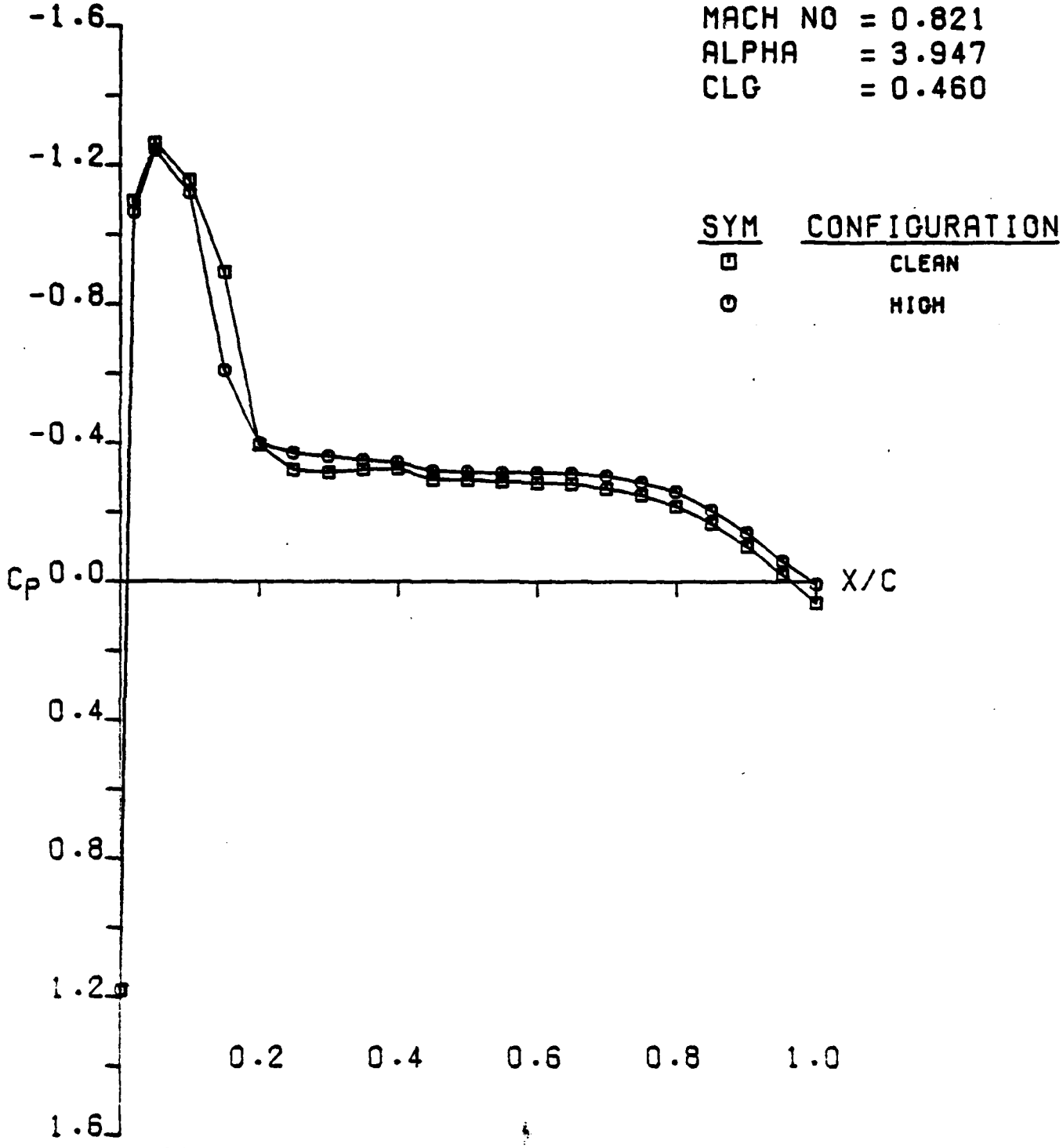
LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS HIGH (UPR SURF)
AFOSR SEMISPAN MODEL B



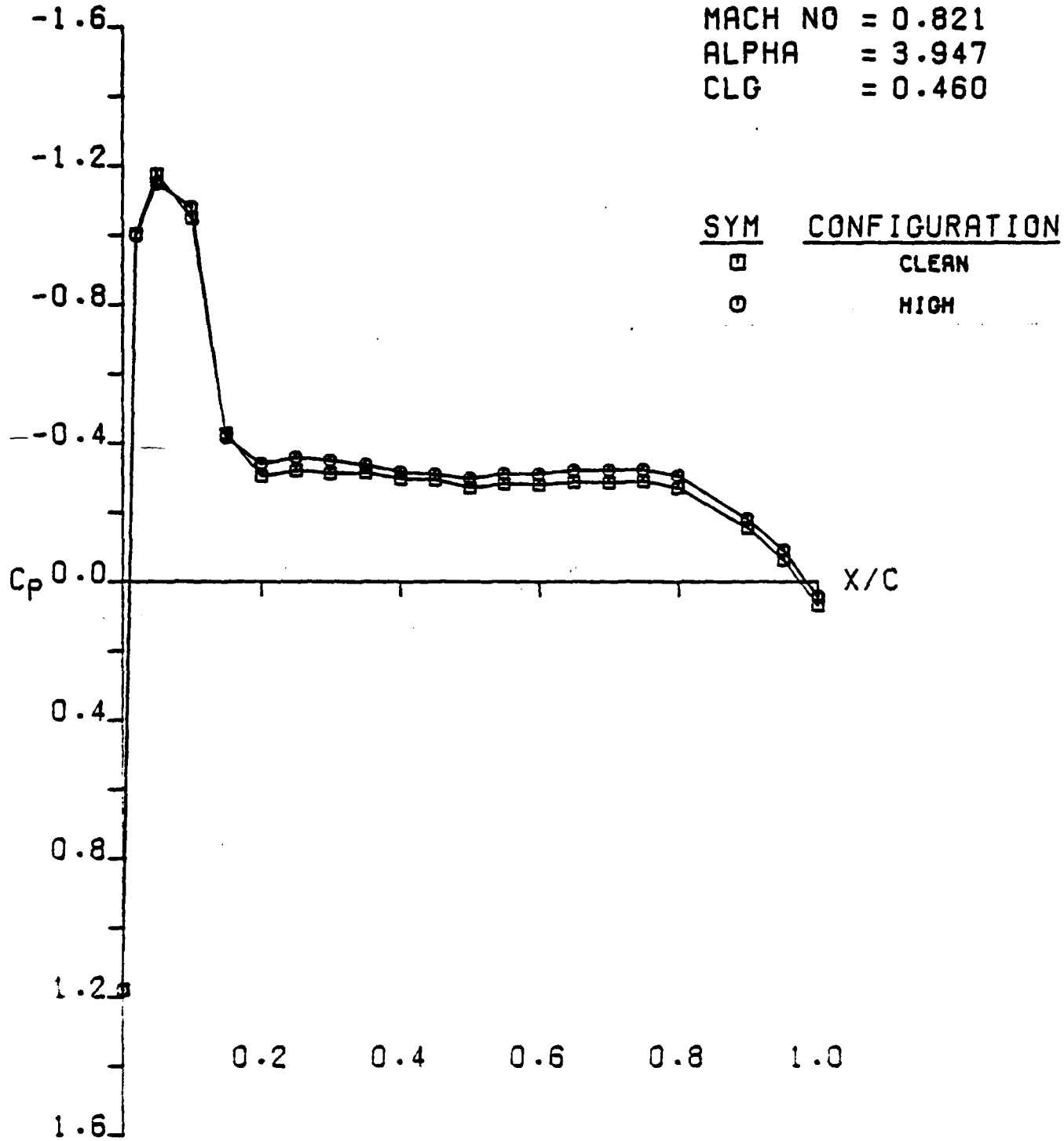
LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS HIGH (UPR SURF ETA.216)
AFOSR SEMISPAN MODEL B



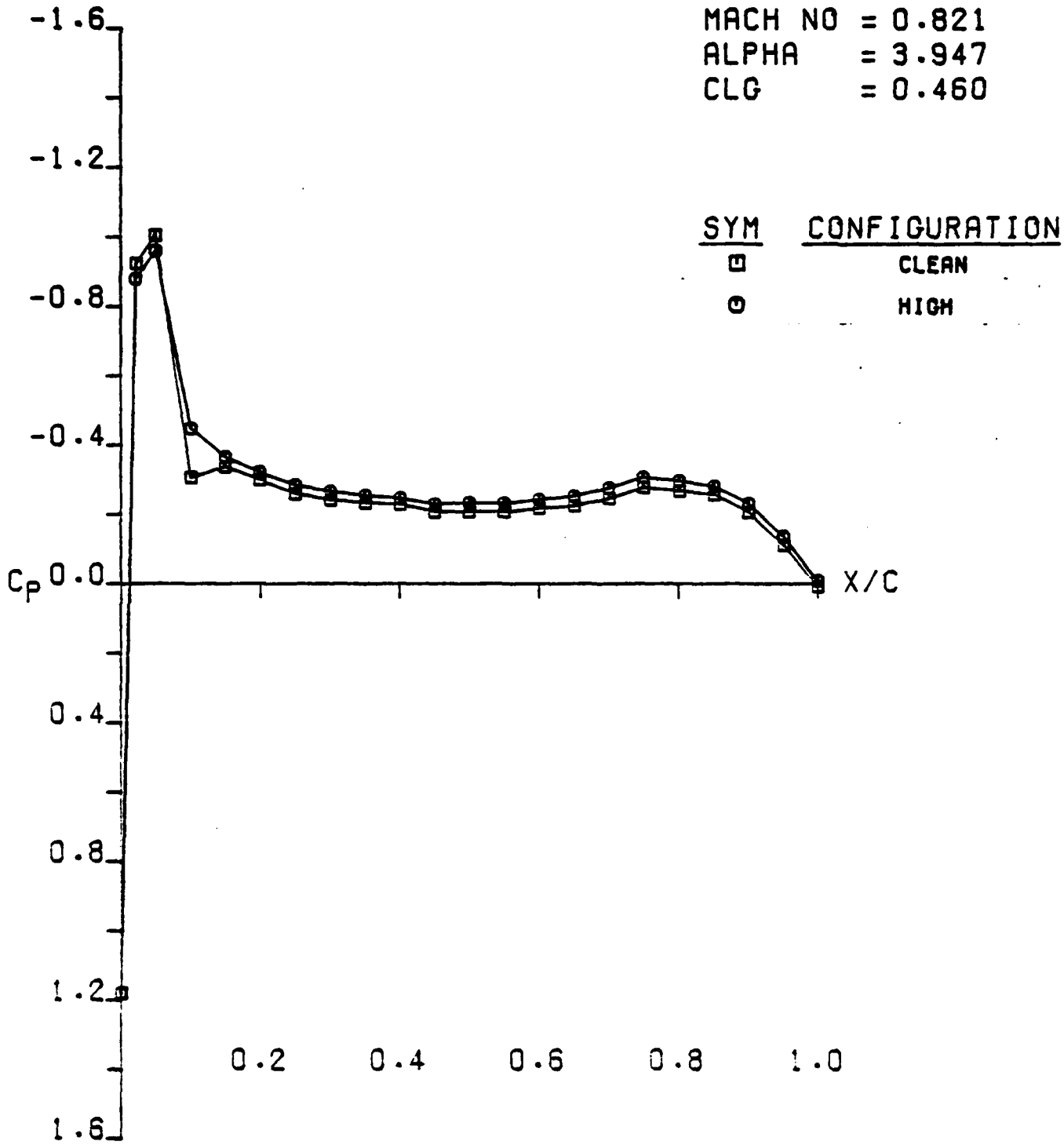
LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS HIGH (UPR SURF ETA .40)
AFOSR SEMISPAN MODEL B



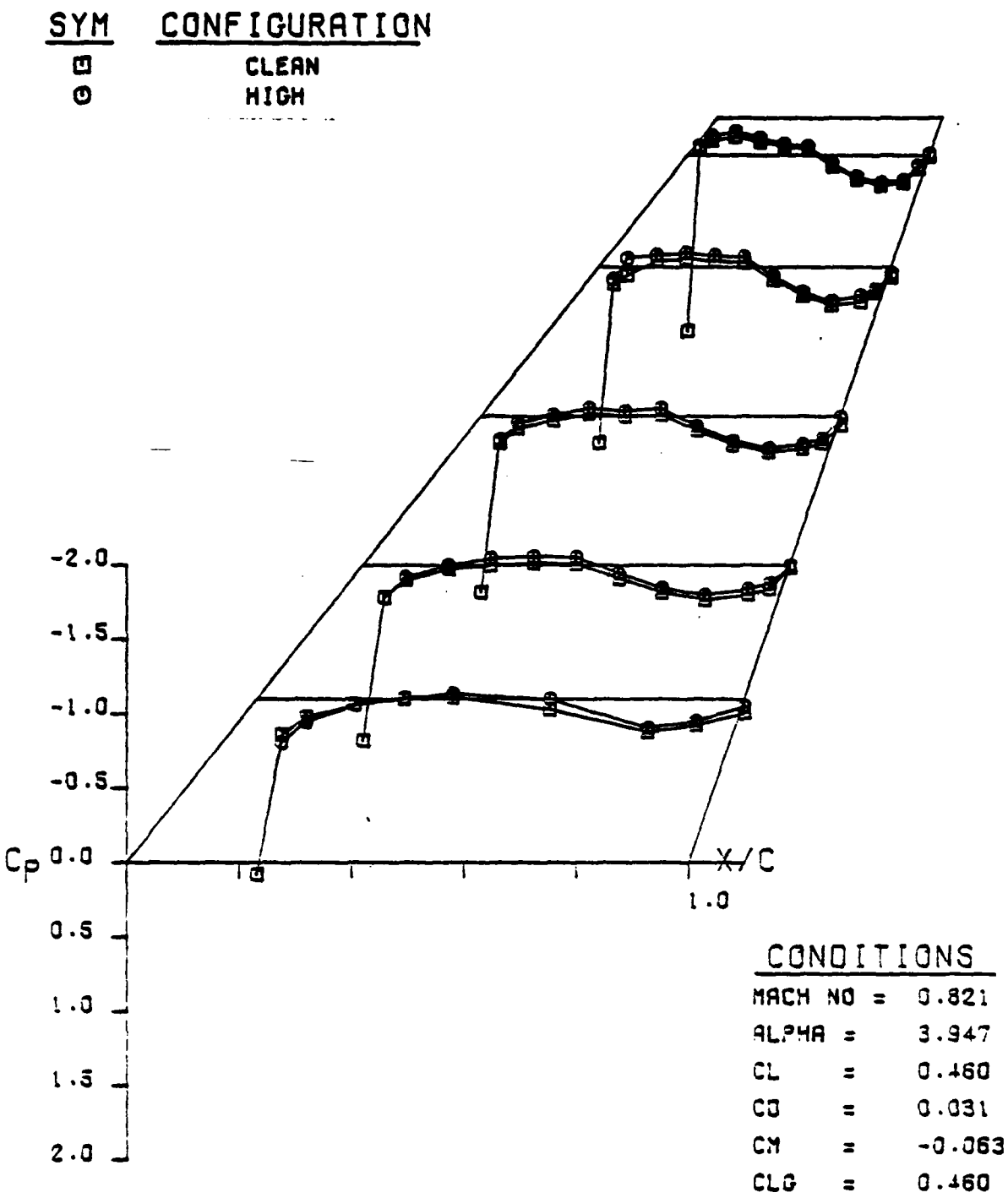
LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS HIGH (UPR SURF ETA .60)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS HIGH (UPR SURF ETA .8)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS HIGH (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL 3



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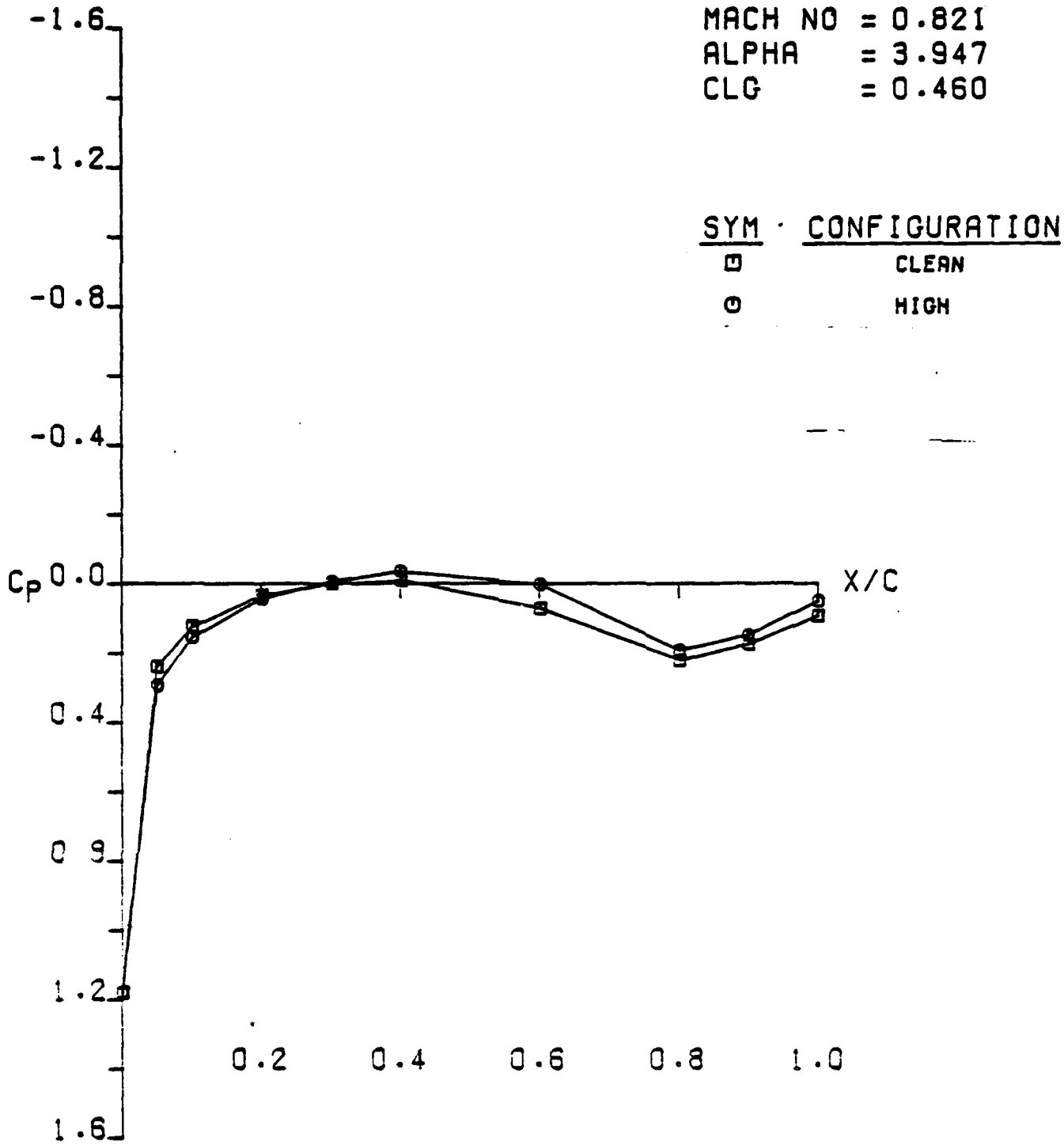
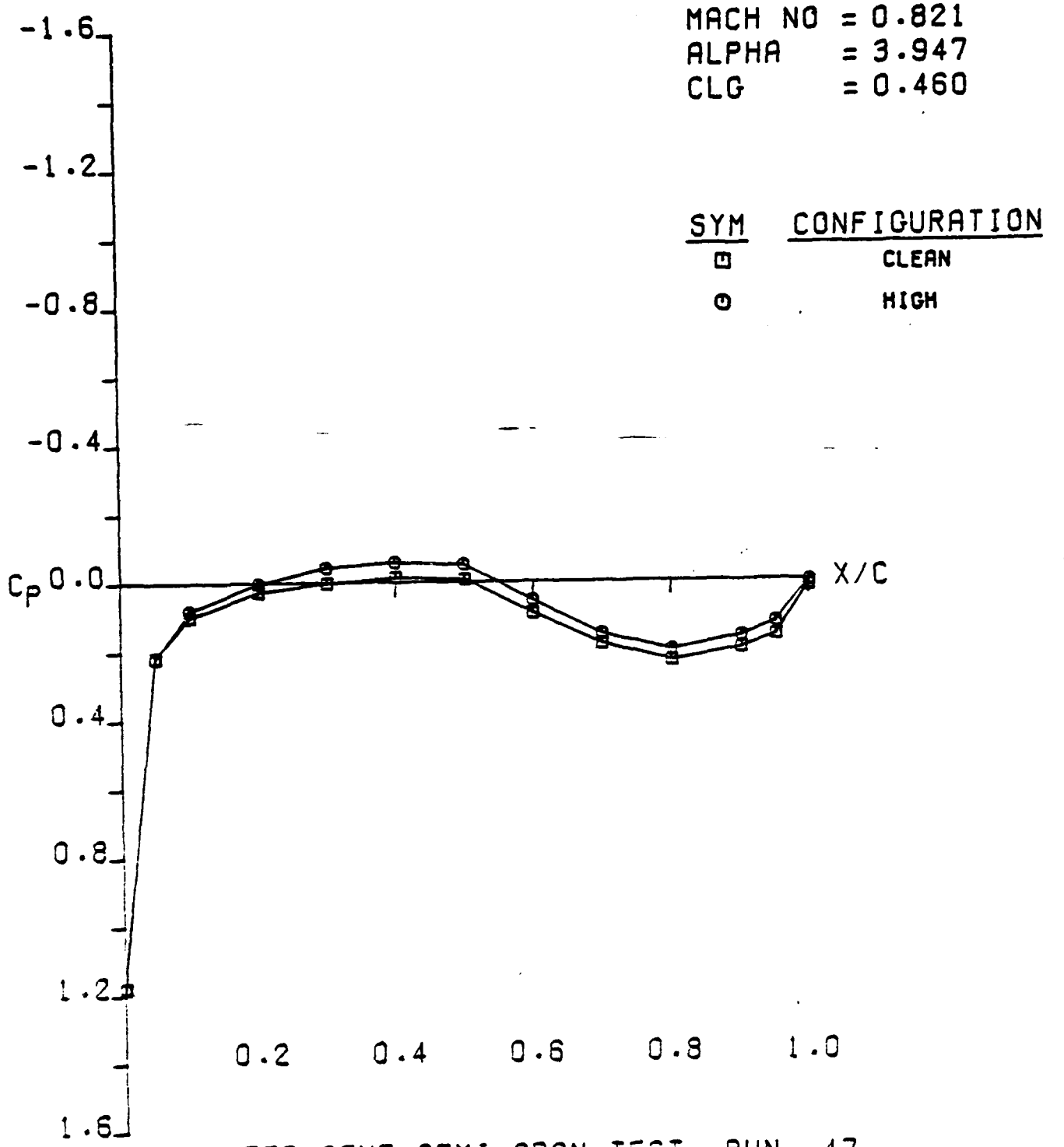
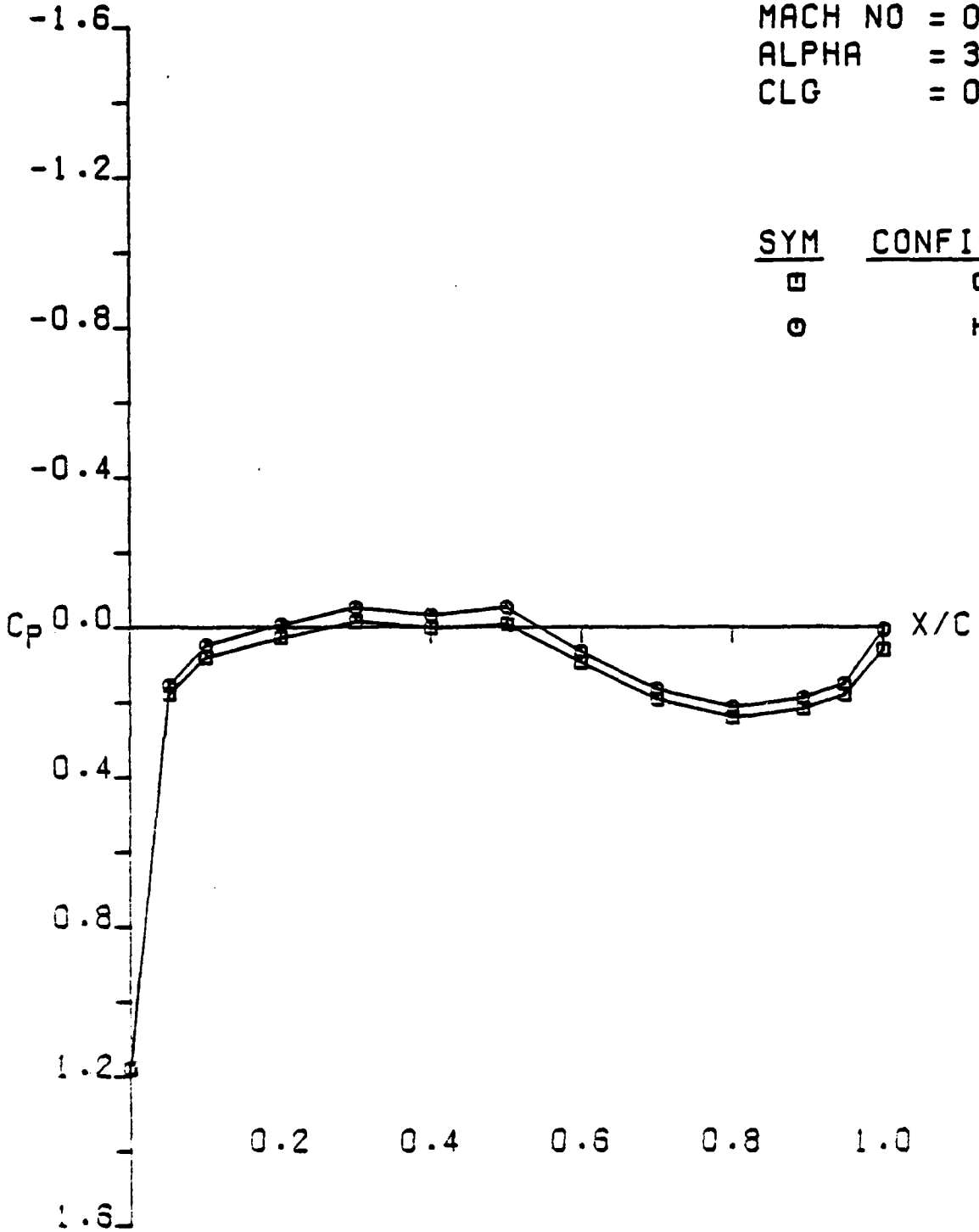
CLN VS HIGH (LWR SURF)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS HIGH (LWR SURF ETA.216)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST. RUN 47
CLN VS HIGH (LWR SURF ETA.4)
AFOSR SEMISPAN MODEL 8



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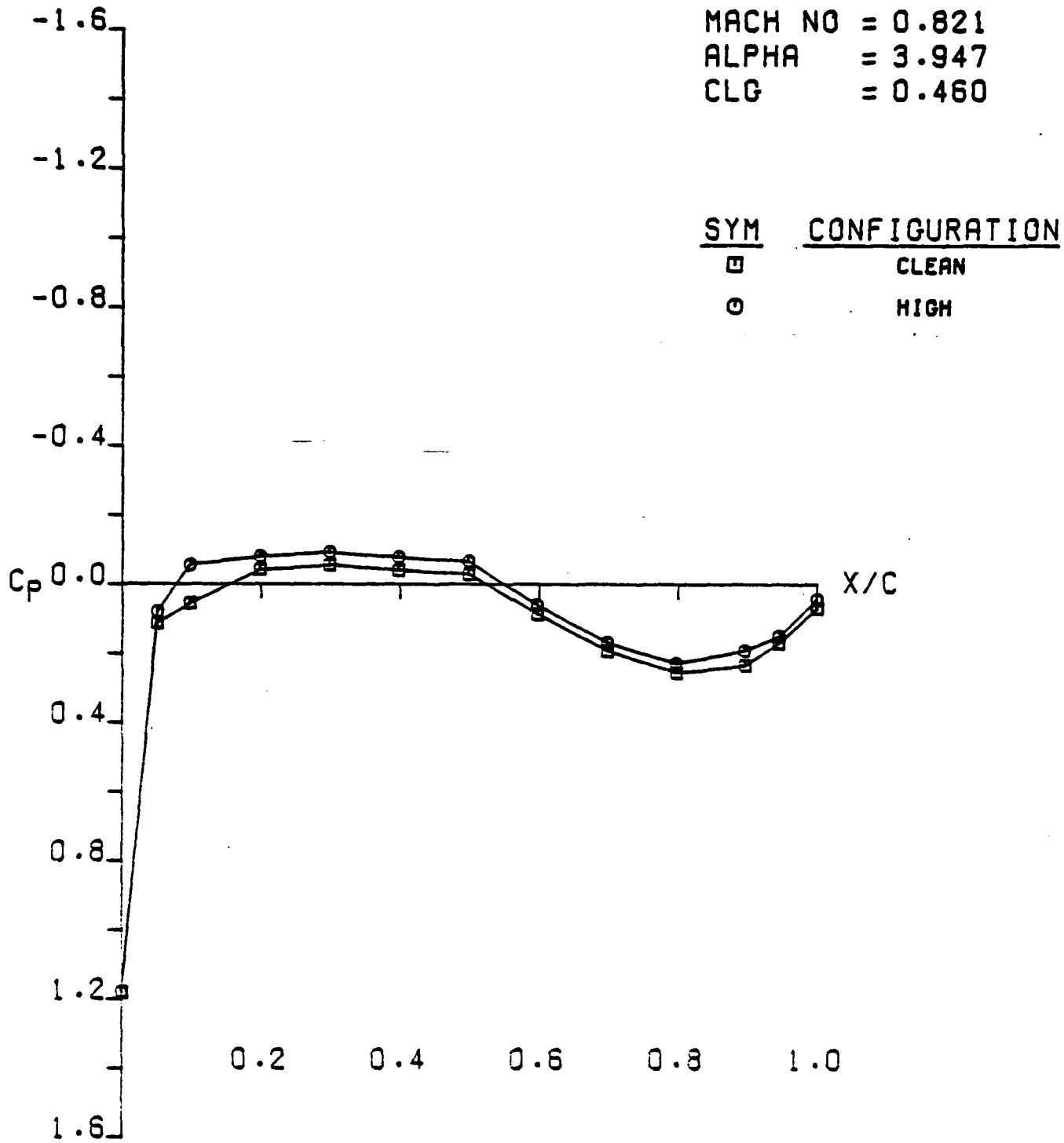
CLN VS HIGH (LWR SURF ETA.60)
AFOSR SEMISPAN MODEL B



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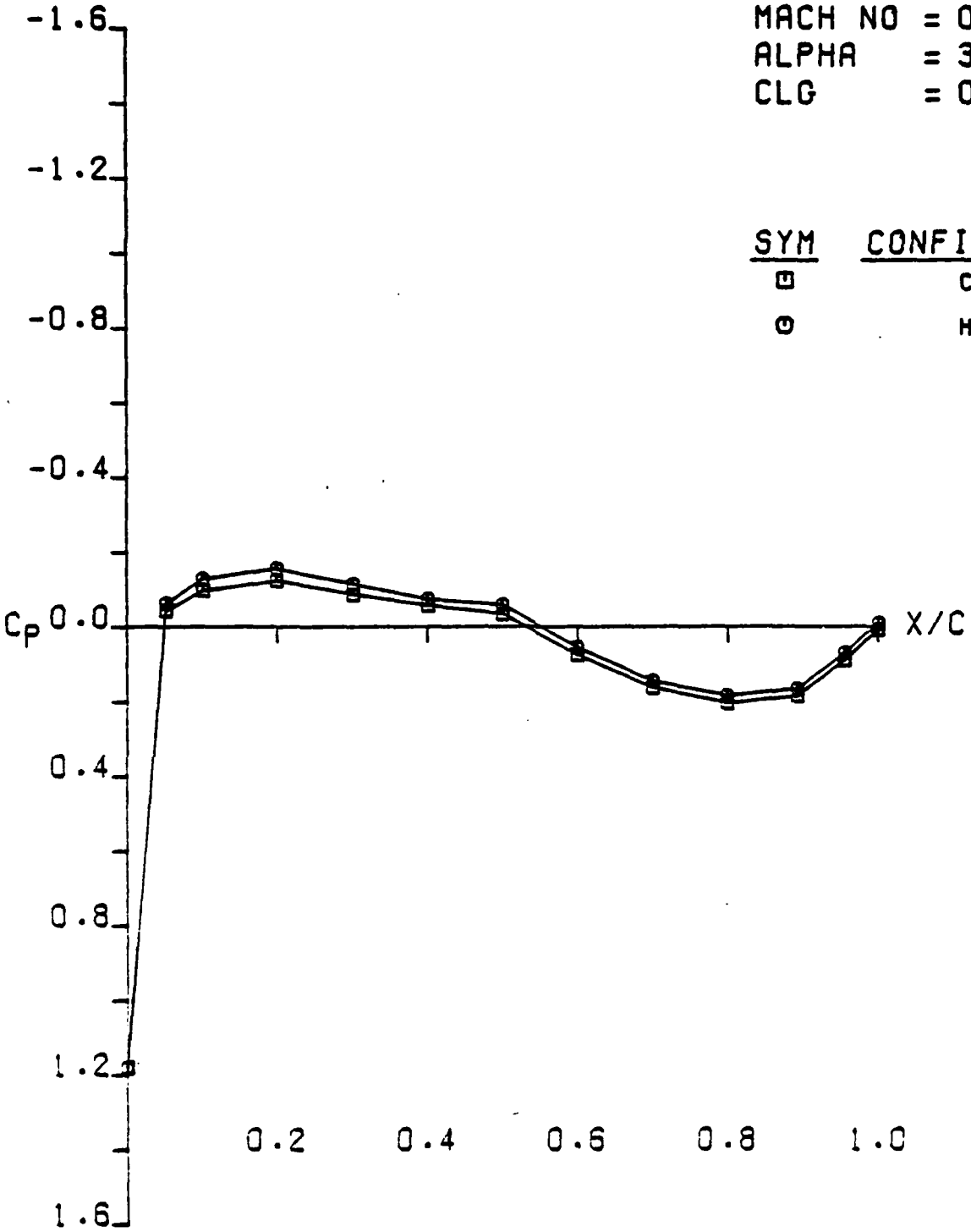
CLN VS HIGH (LWR SURF ETA.8)
AFOSR SEMISPAN MODEL 8



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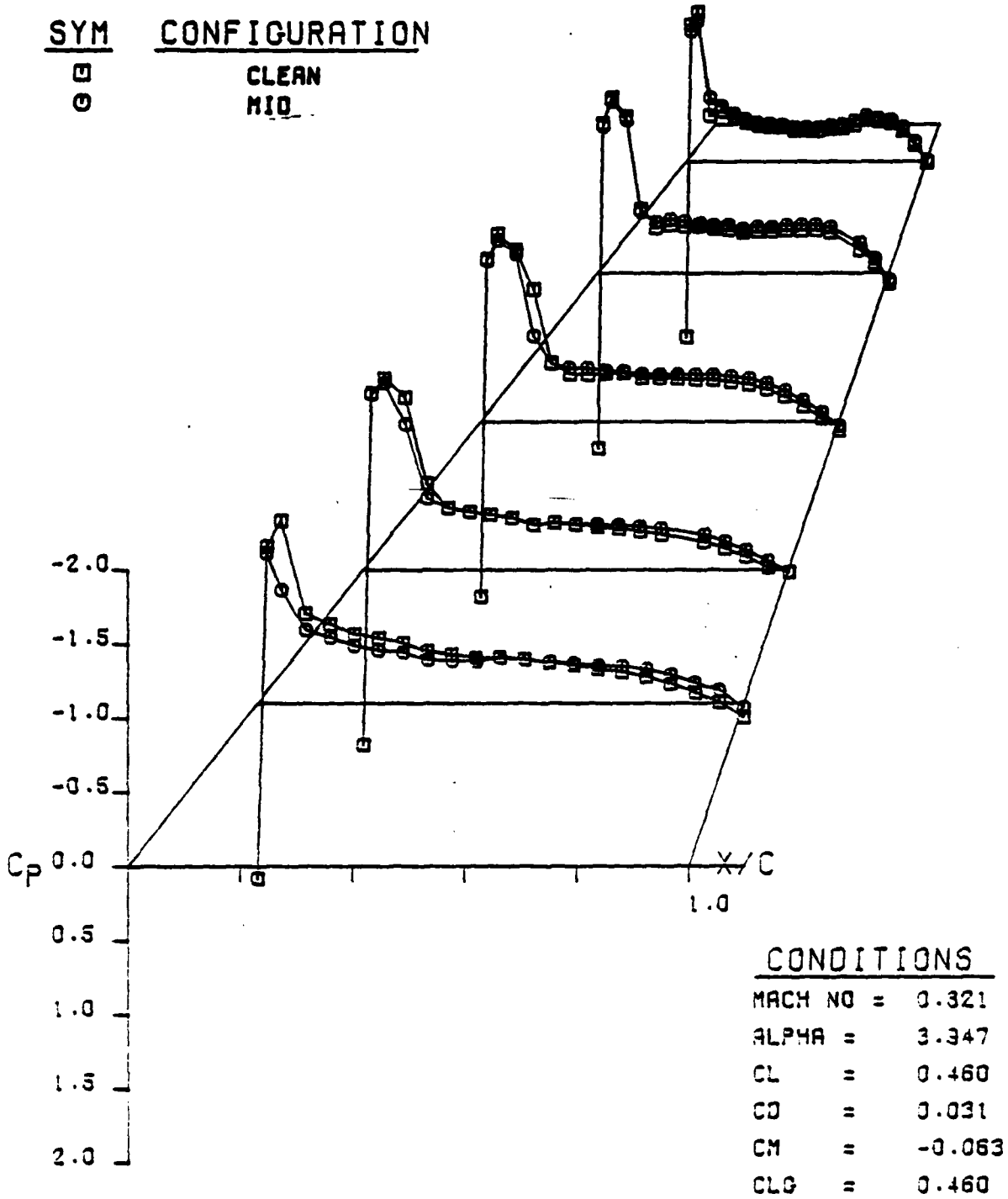
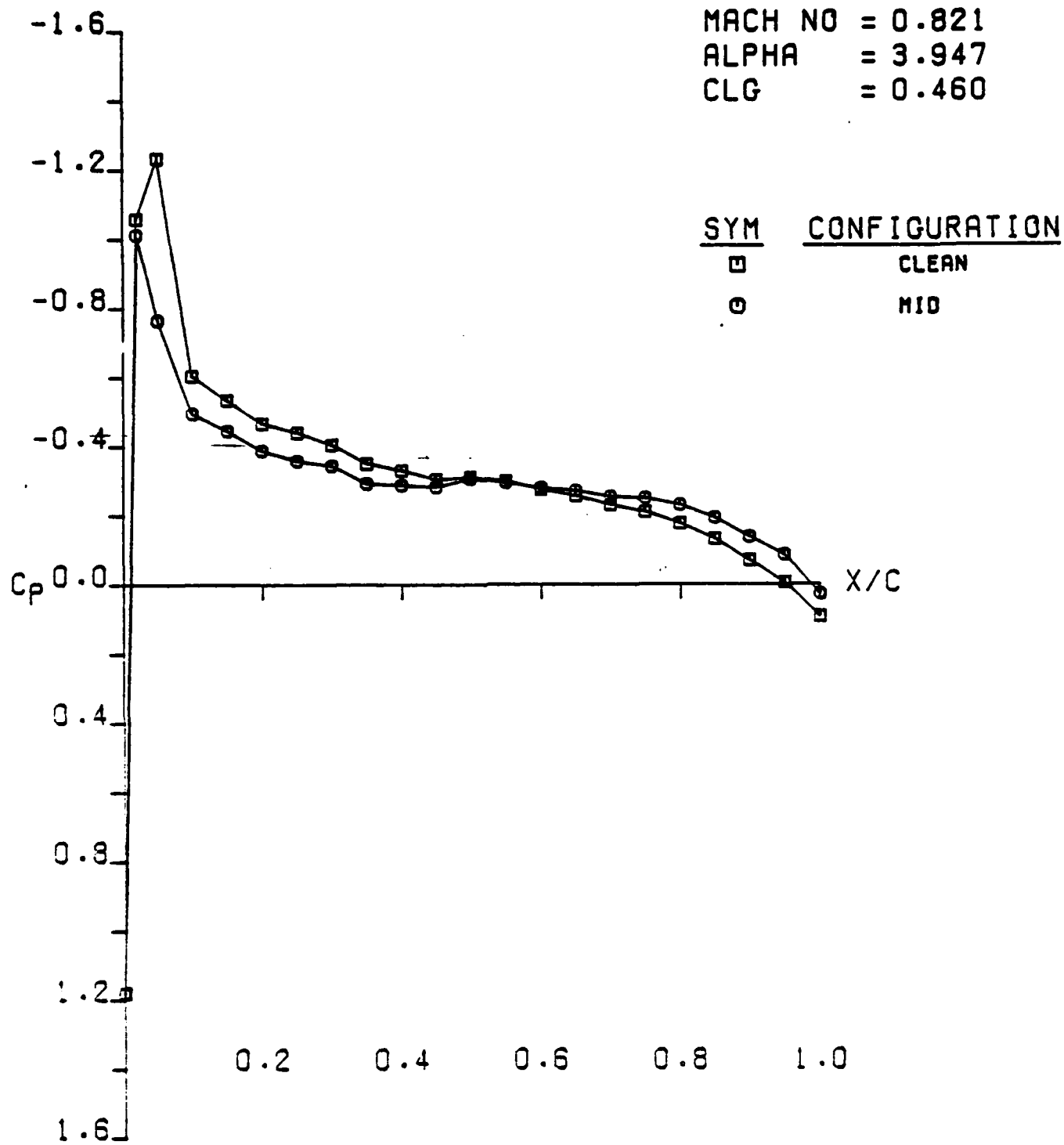
CLN VS HIGH (LWR SURF ETA.95)
AFOSR SEMISPAN MODEL 8



LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS MID (UPR SURF)
AFOSR SEMISPAN MODEL B



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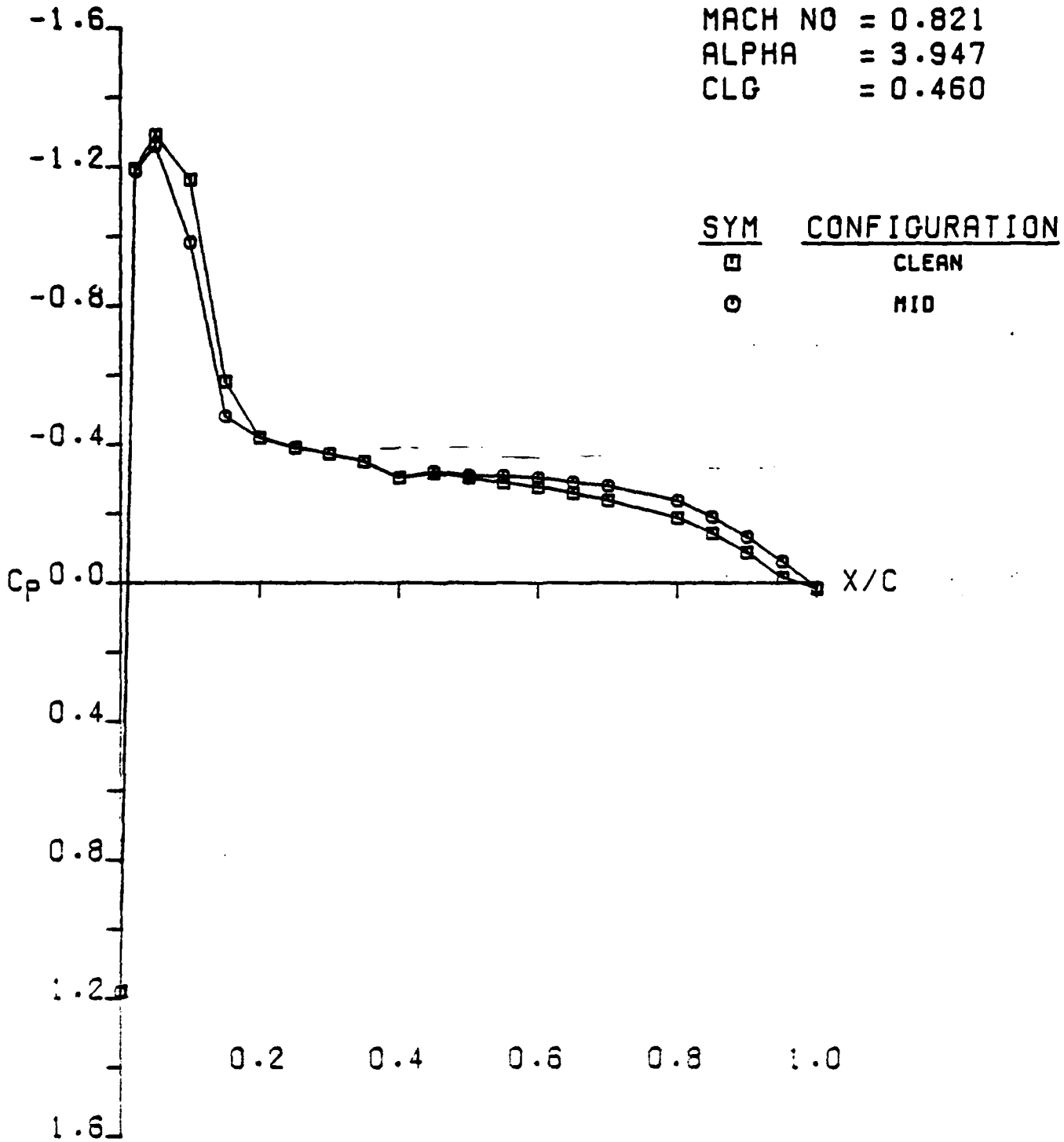
CLN VS MID (UPR SURF ETA.216)
AFOSR SEMISPAN MODEL 8



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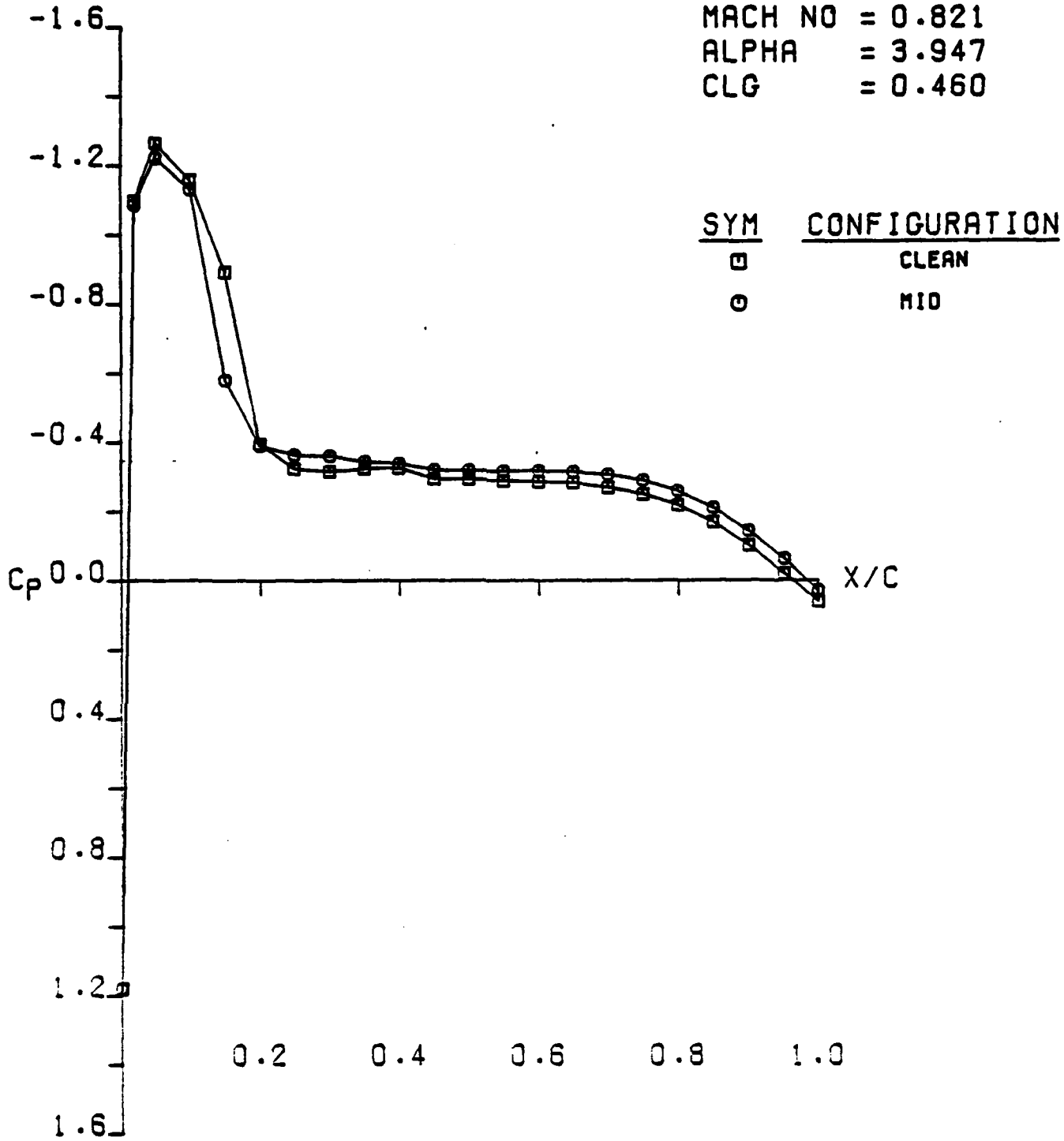
CLN VS MID (UPR SURF ETA .40)
AFOSR SEMISPAN MODEL B



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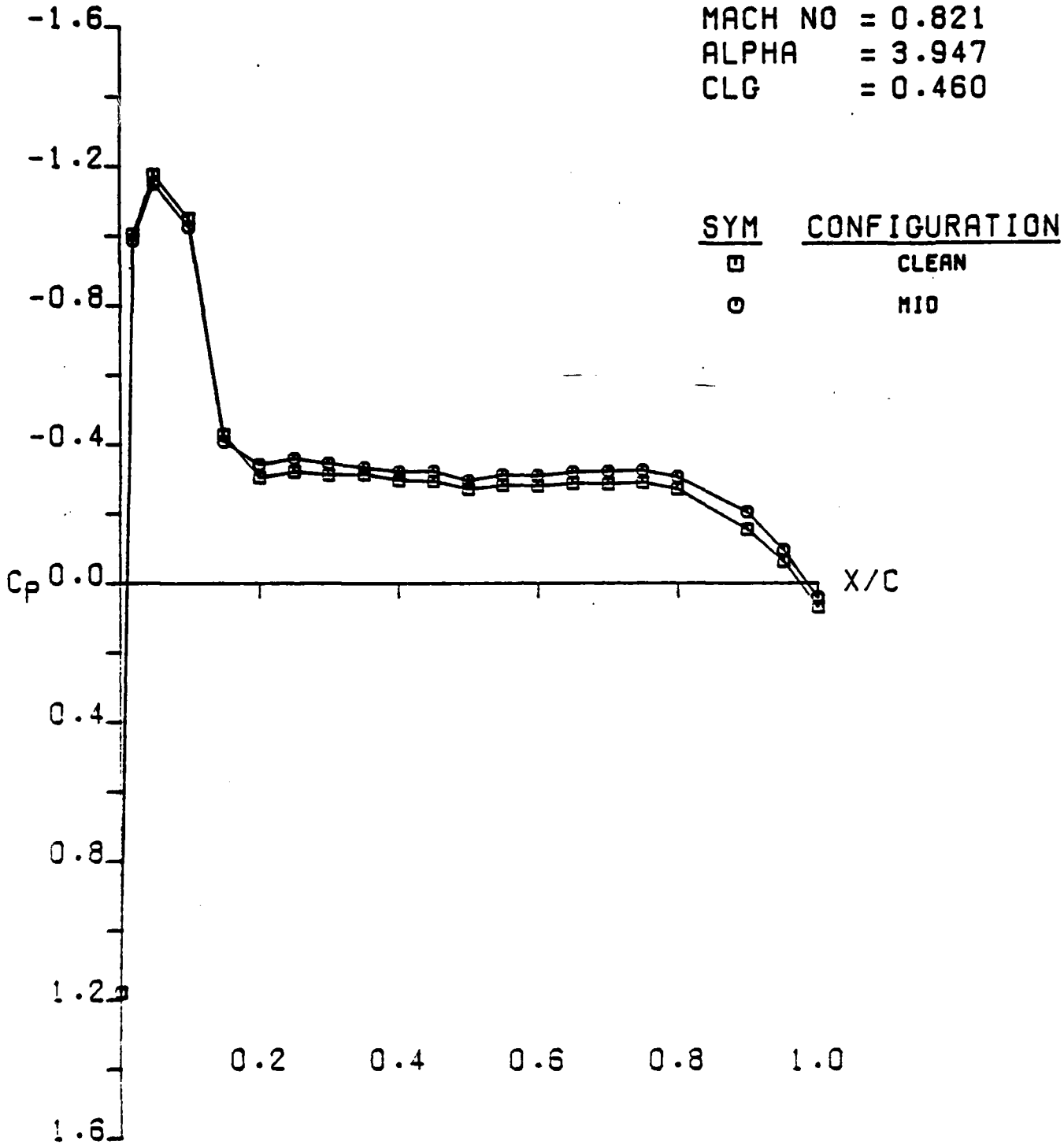
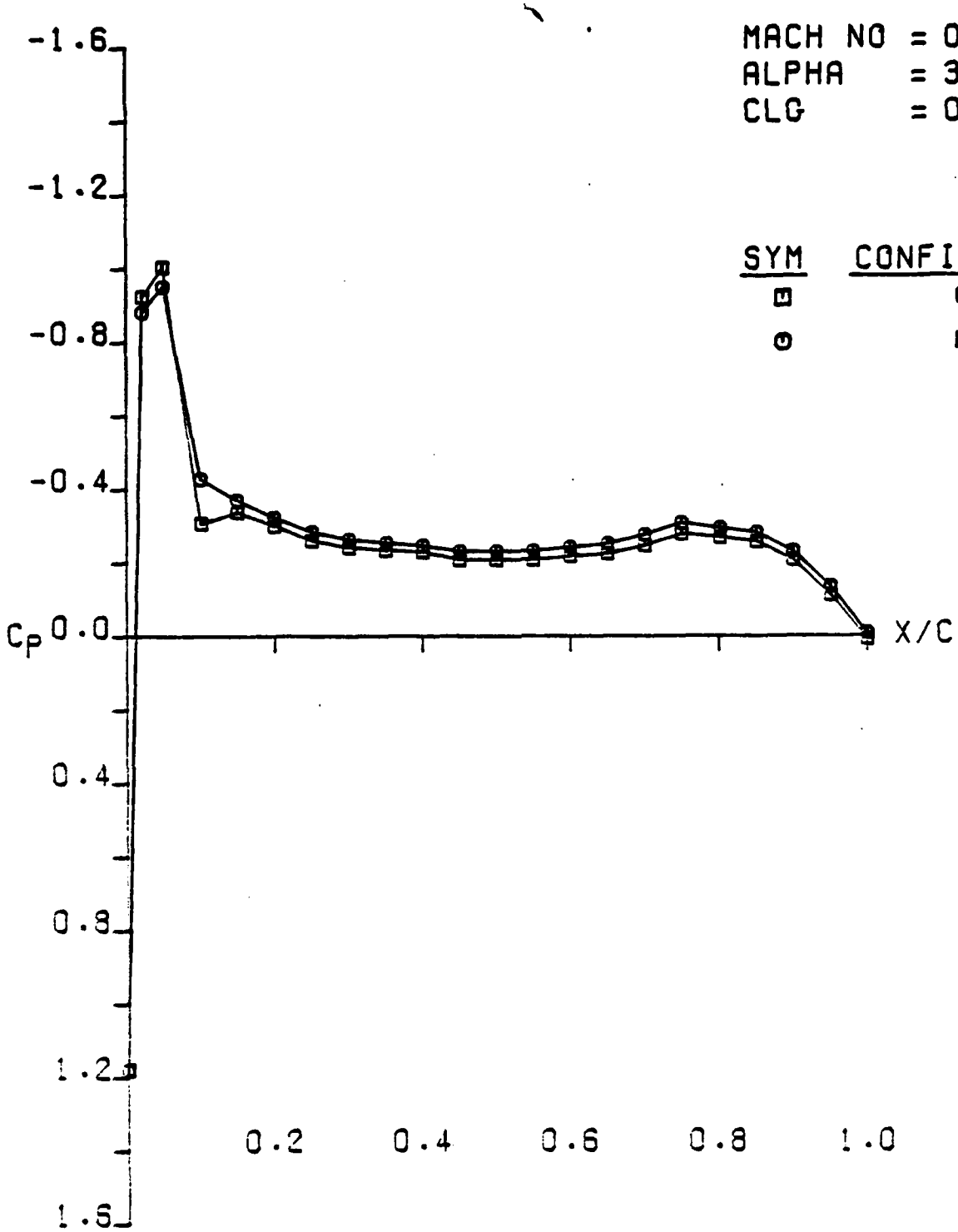
CLN VS MID (UPR SURF ETA .60)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS MID (UPR SURF ETA .8)
AFOSR SEMISPAN MODEL 8



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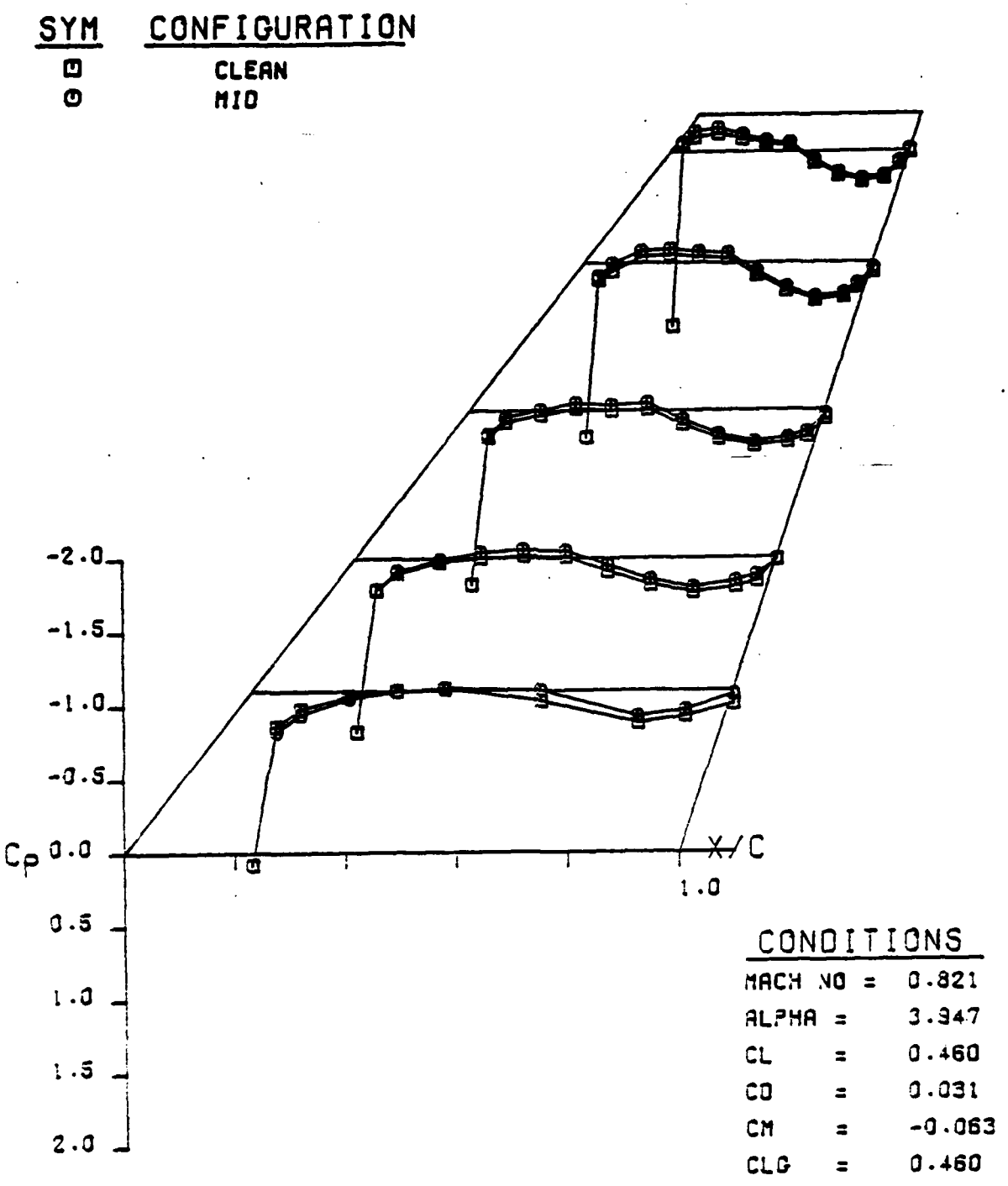
CLN VS MID (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL B



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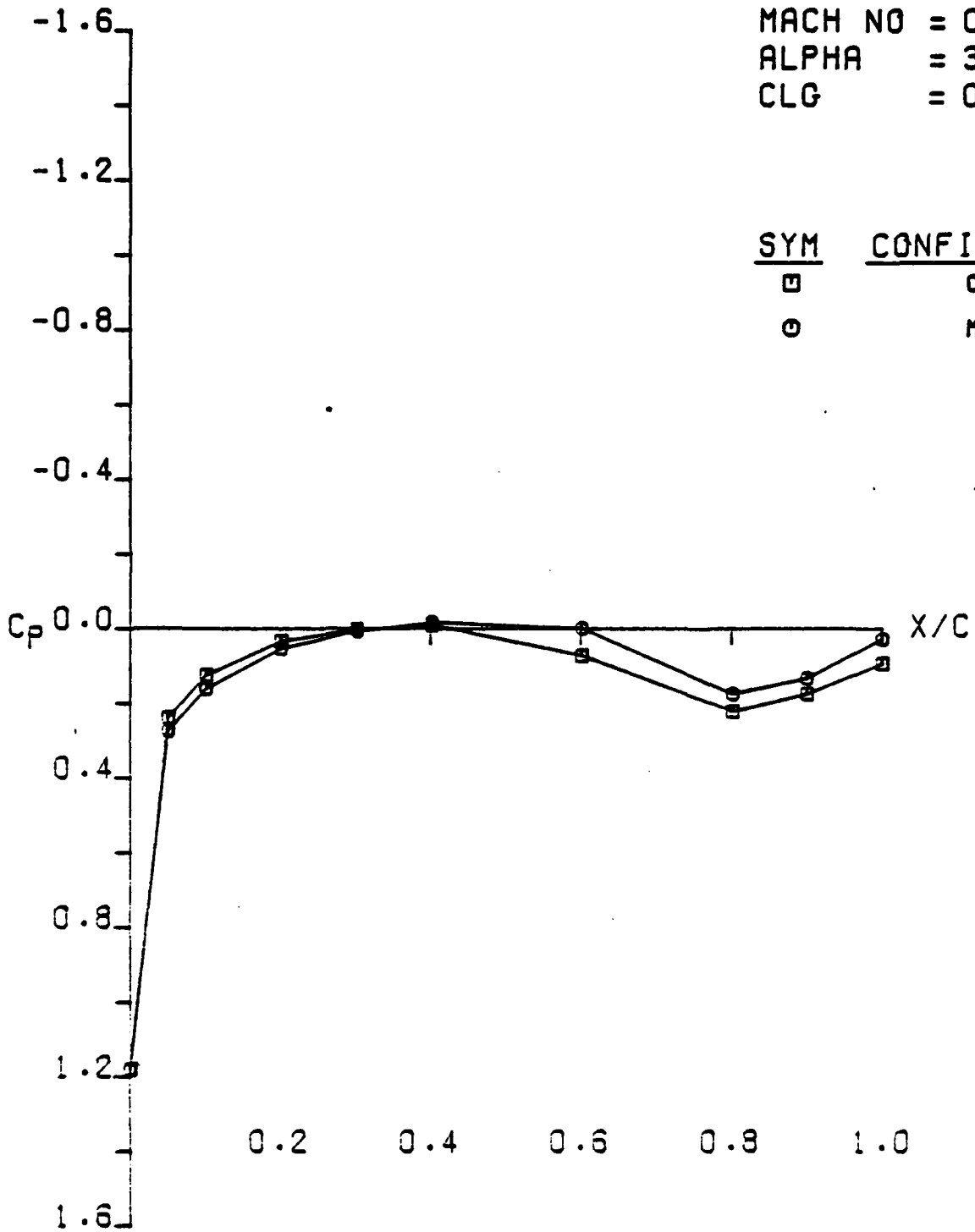
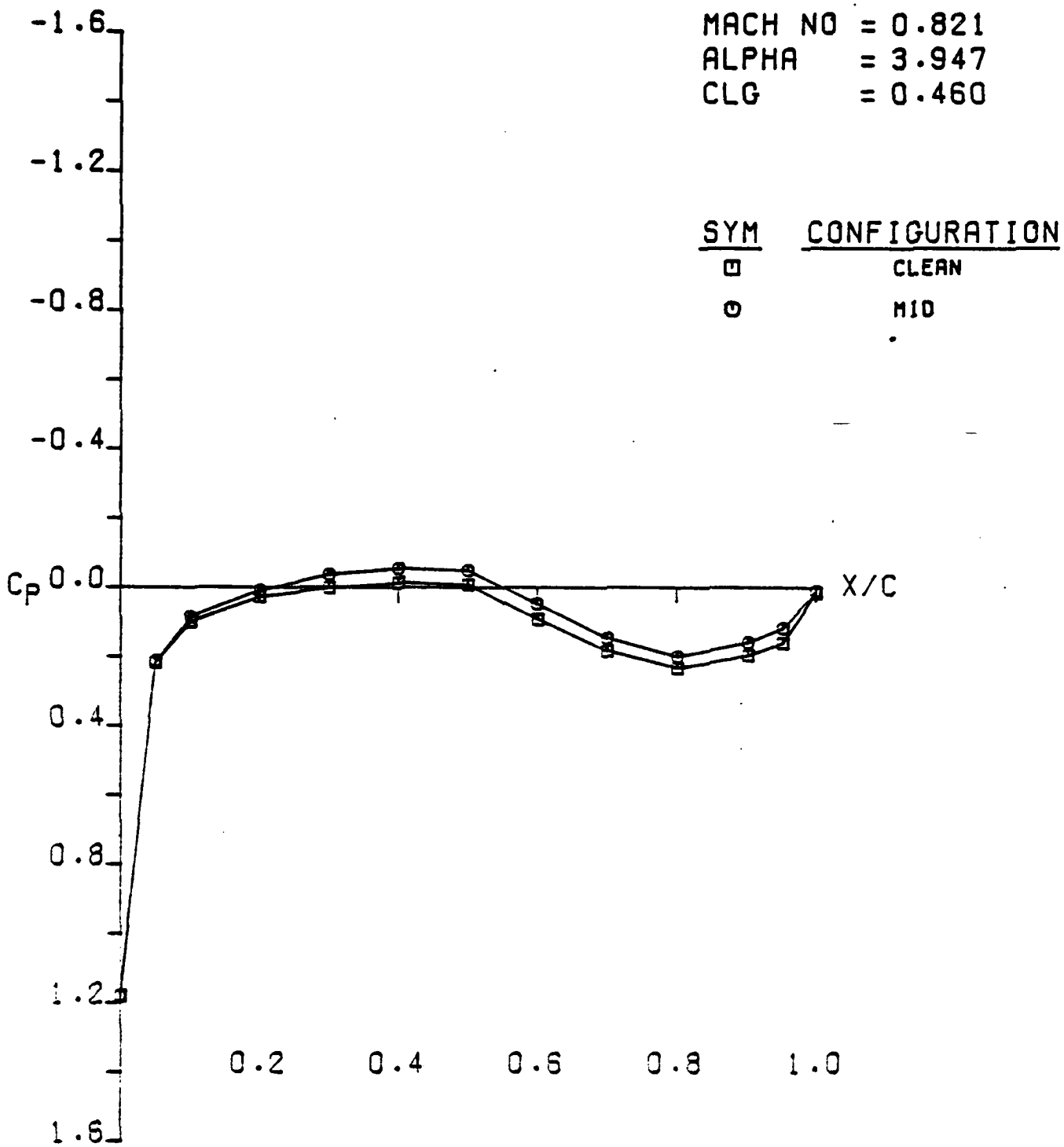
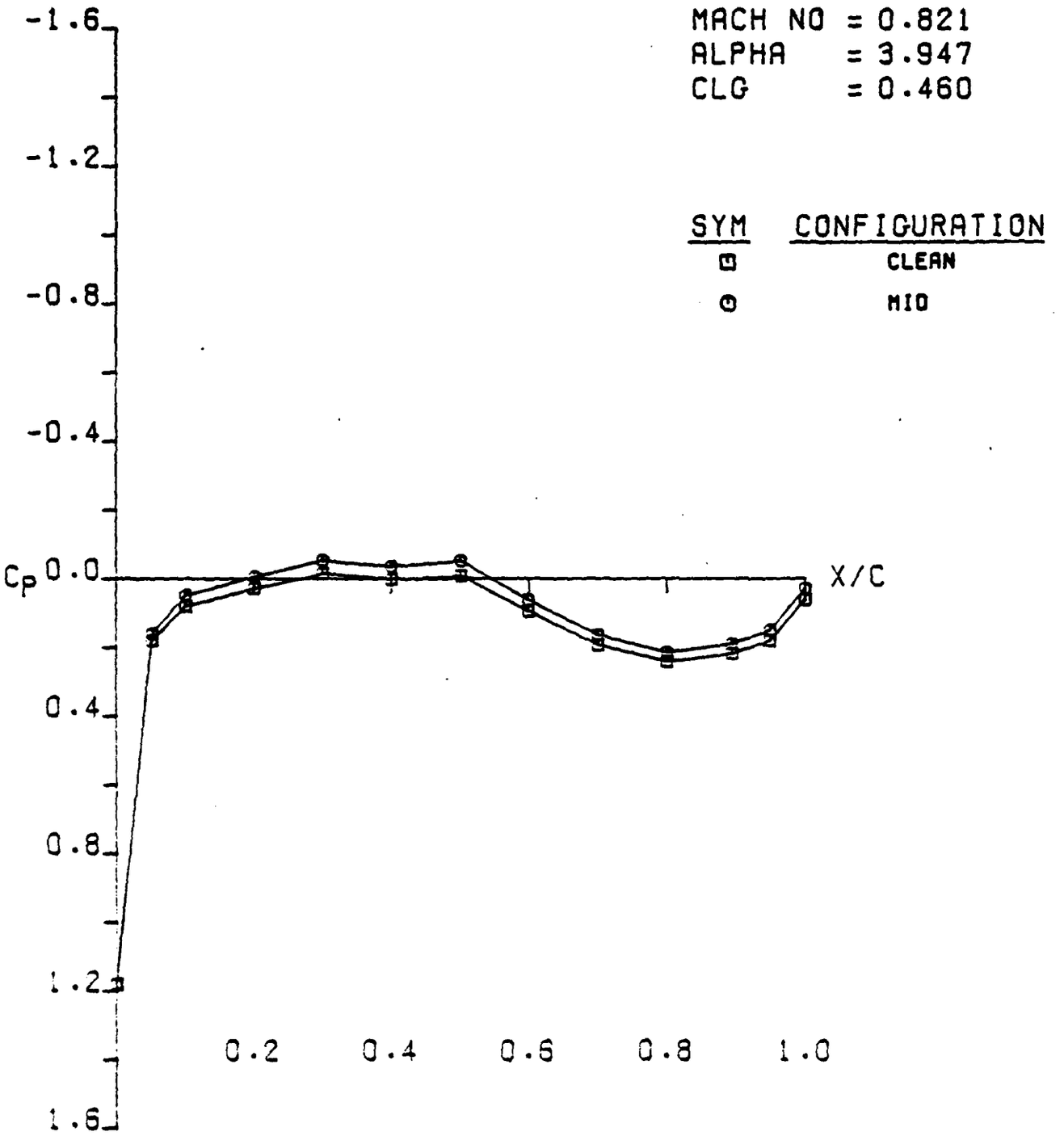
CLN VS MID (LWR SURF)
AFOSR SEMISPAN MODEL 8



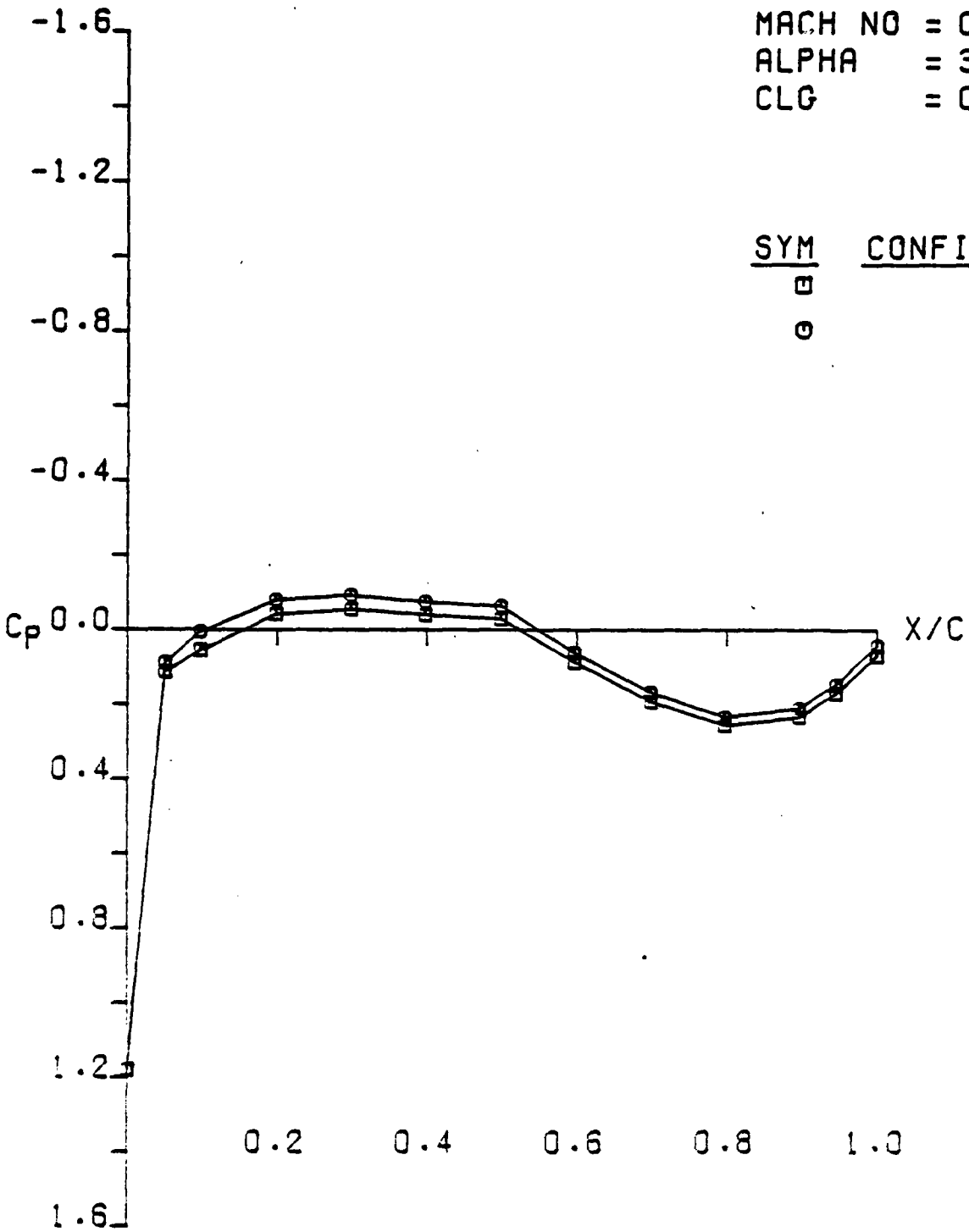
LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS MID (LWR SURF ETA.216)
AFOSR SEMISPAN MODEL 8



LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS MID (LWR SURF ETA.4)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS MID (LWR SURF ETA.60)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST. RUN 47
CLN VS MID (LWR SURF ETA.8)
AFOSR SEMISPAN MODEL B

AD-A085 259 LOCKHEED-GEORGIA CO MARIETTA F/G 20/4
ACQUISITION AND APPLICATION OF TRANSONIC WING AND FAR-FIELD TES--ETC(U)
MAR 80 B L HINSON, K P BURDGES F49620-78-C-0068
UNCLASSIFIED LG80ER0012-VOL-2 AFOSR-TR-80-0422-VOL-2-APP NL

5 OF 8
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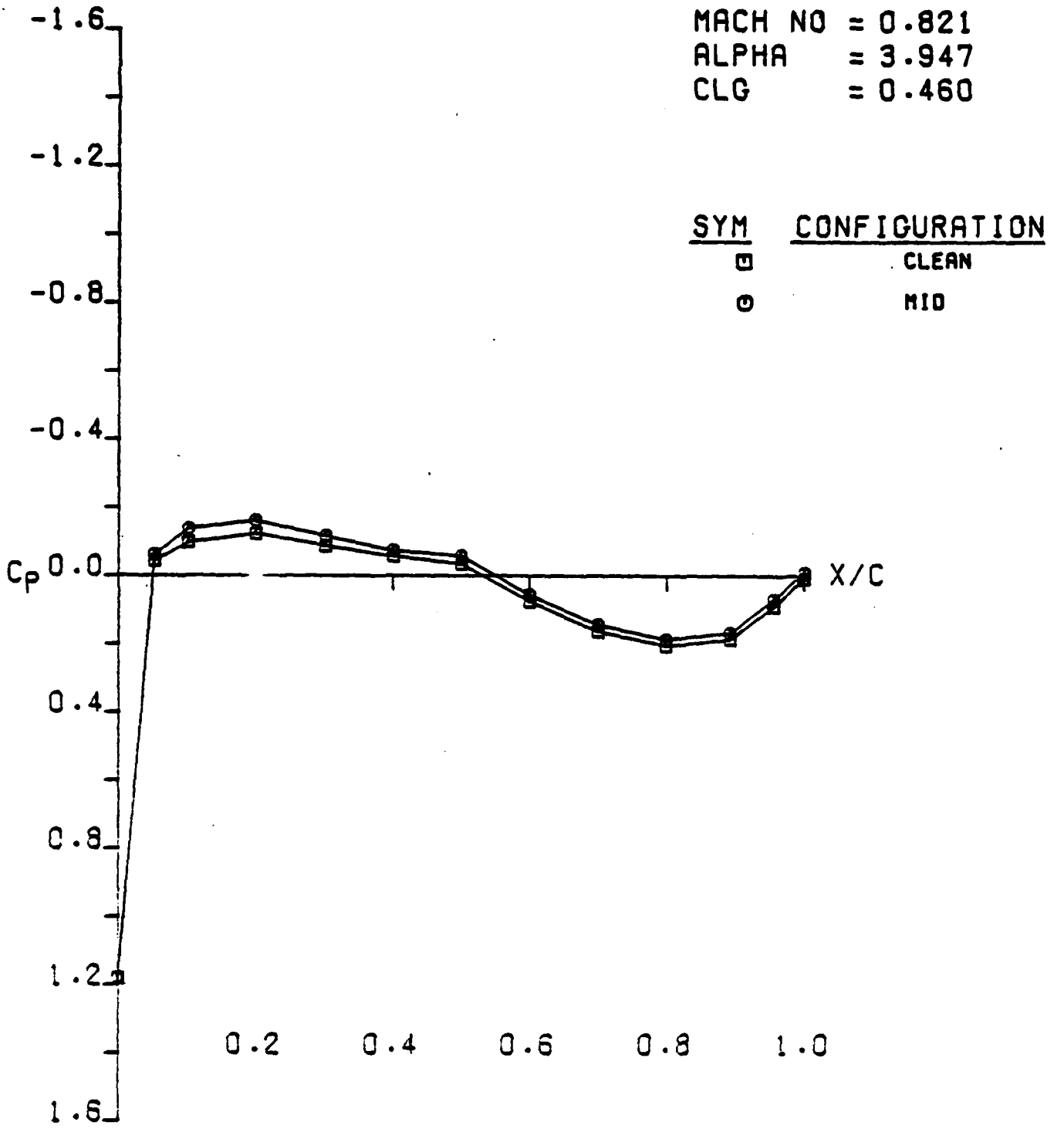
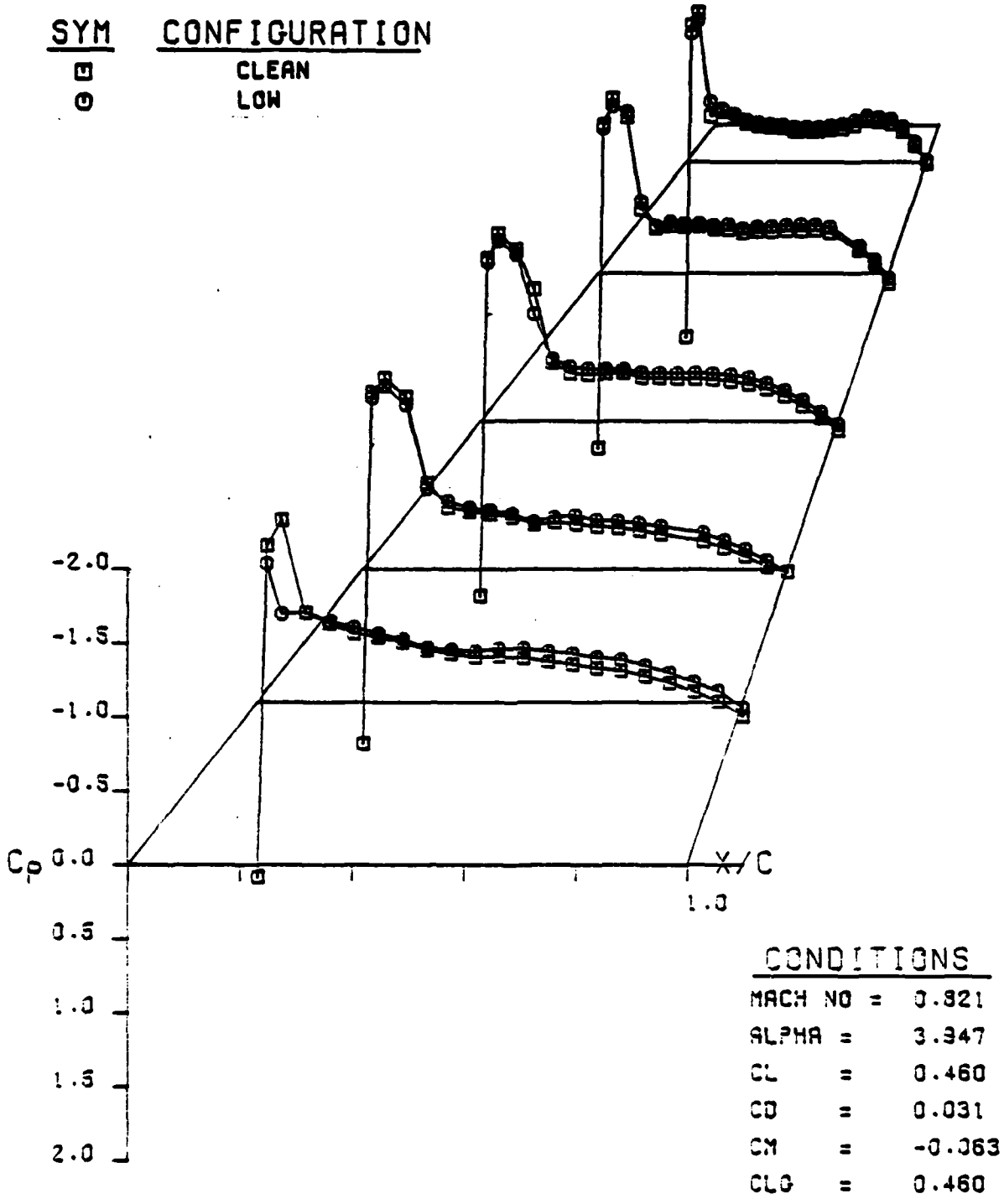
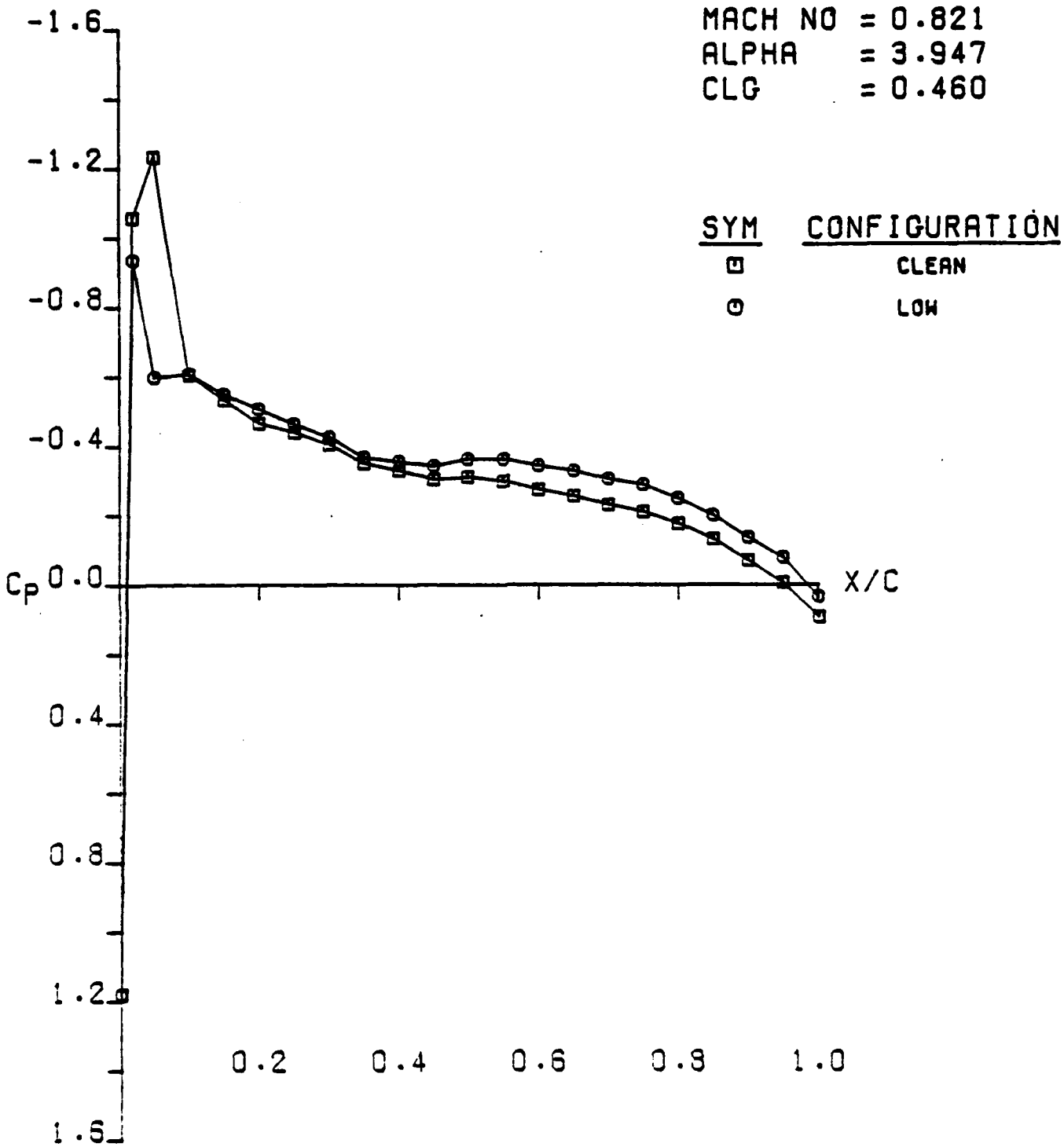
A085259



LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS MID (LWR SURF ETA.95)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS LOW (UPR SURF)
AFOSR SEMISPAN MODEL B



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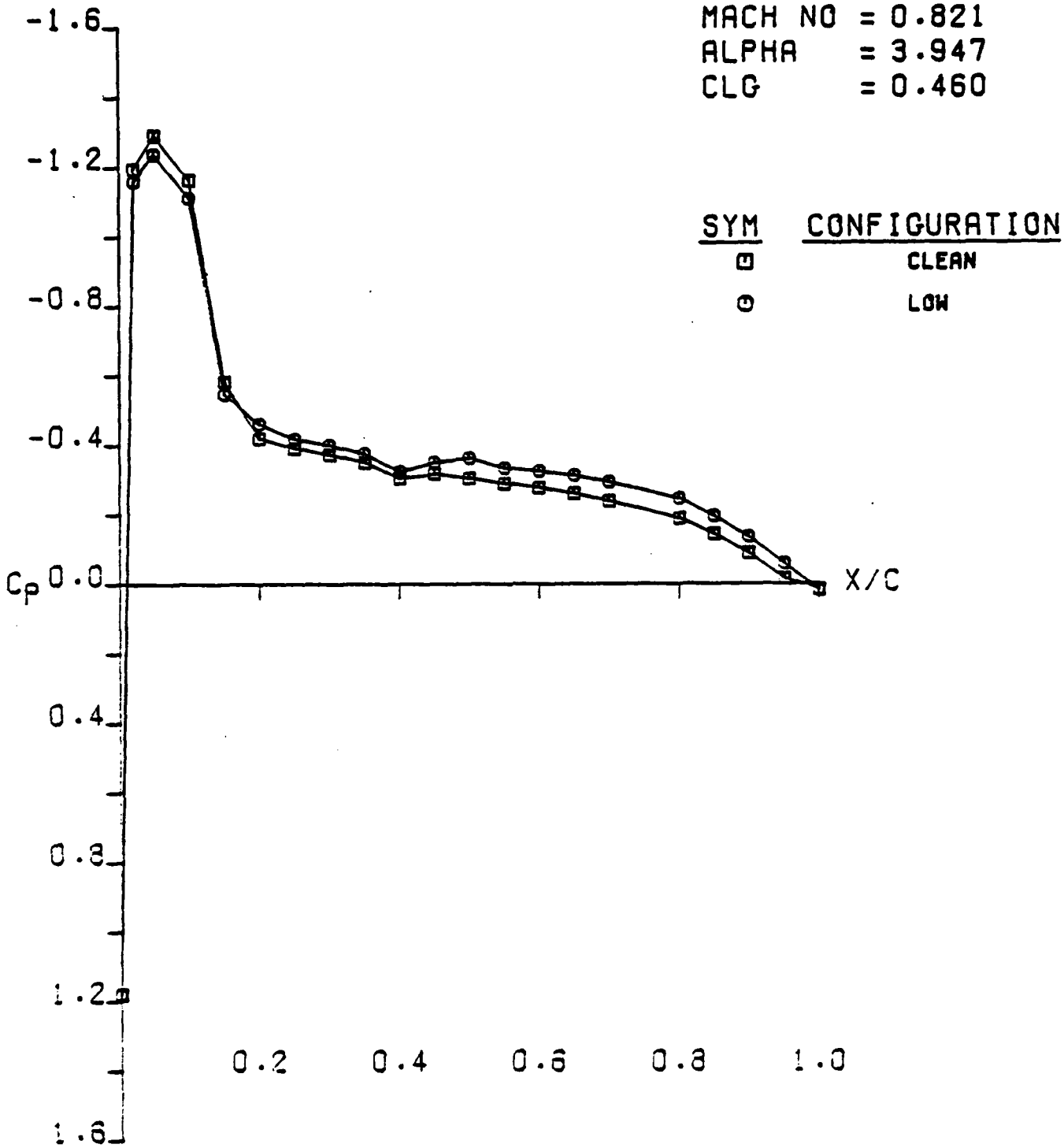
CLN VS LOW (UPR SURF ETA.216)
AFOSR SEMISPAN MODEL B



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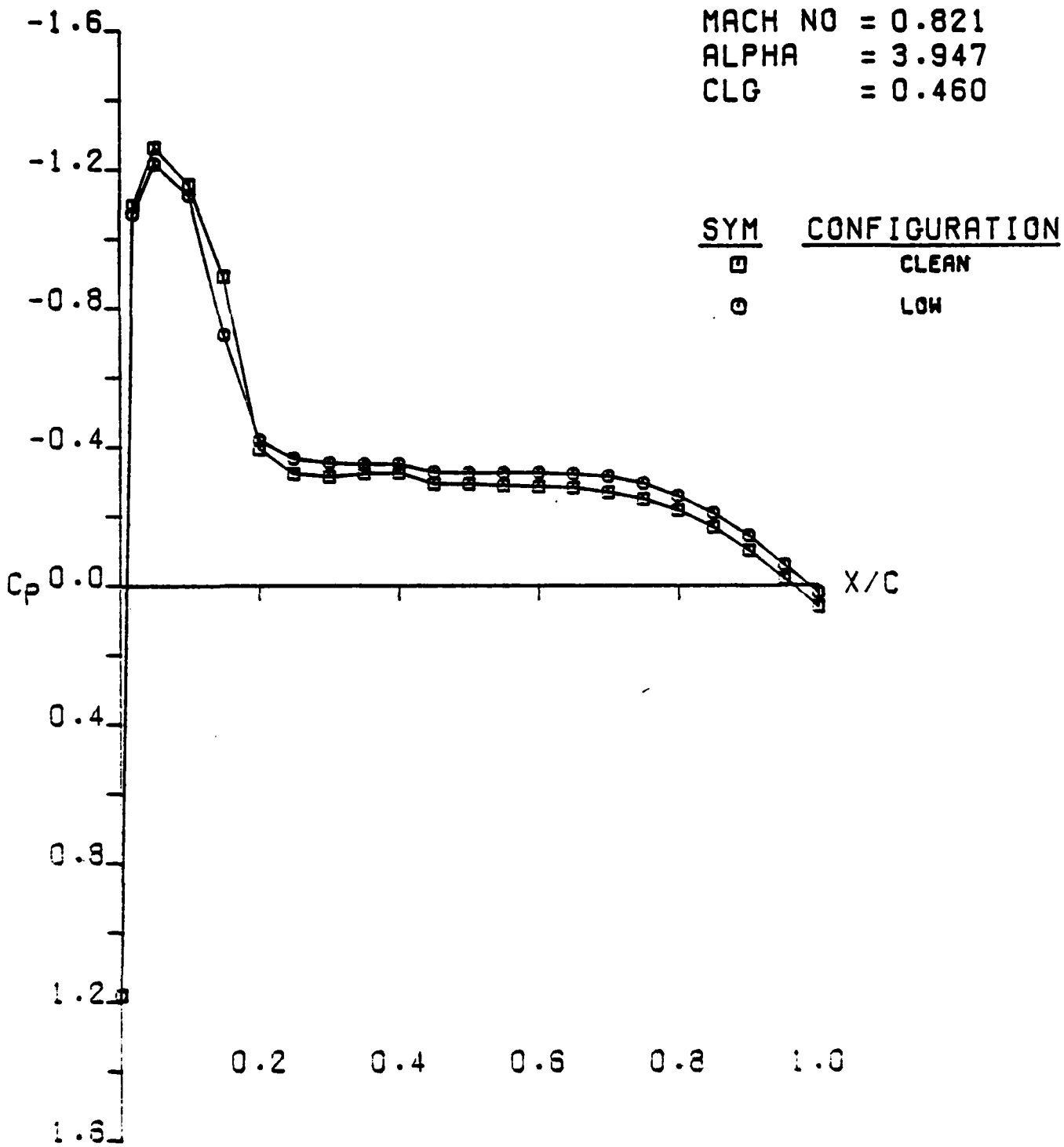
CLN VS LOW (UPR SURF ETA .40)
AFOSR SEMISPAN MODEL B



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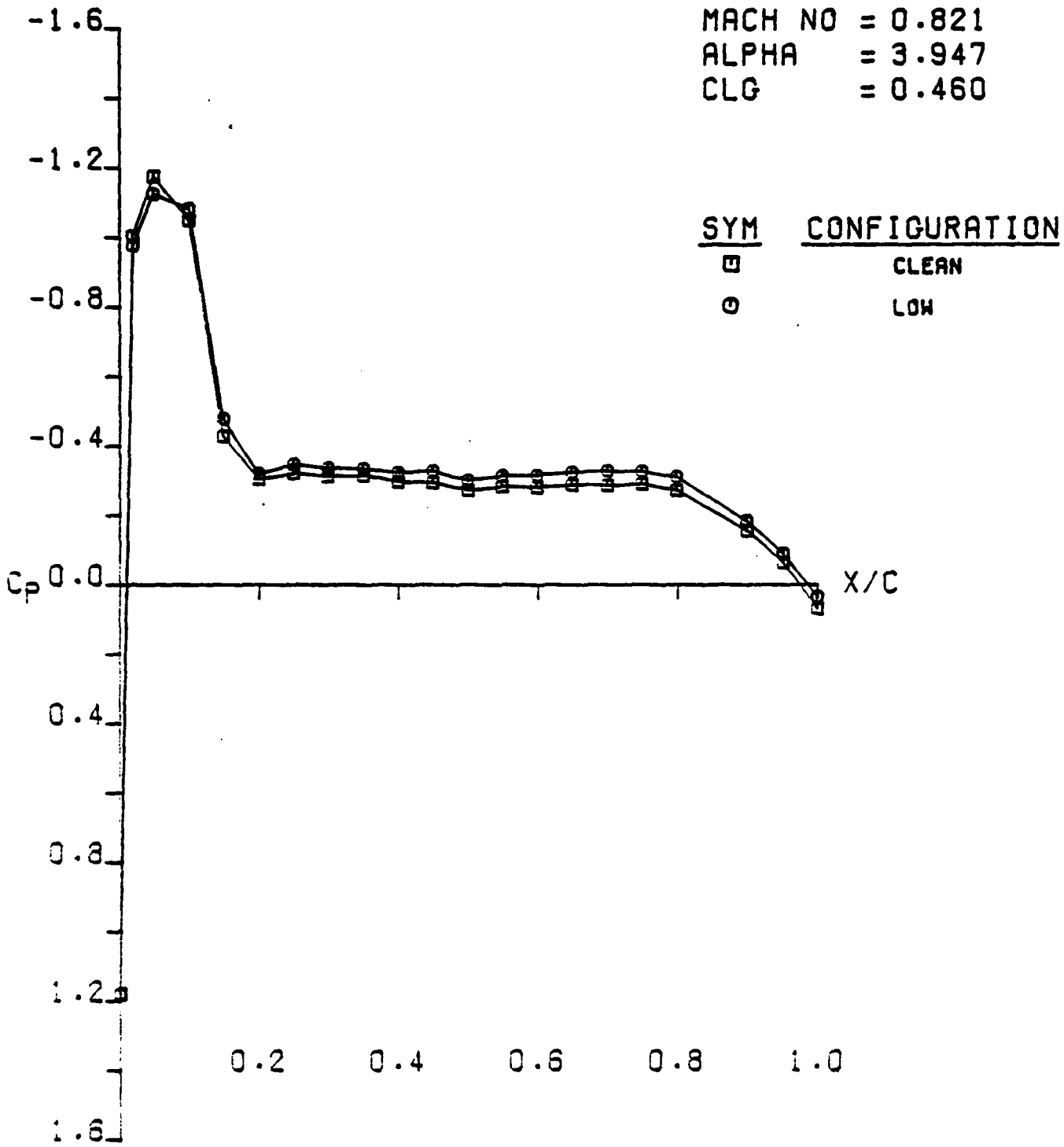
CLN VS LOW (UPR SURF ETA .60)
AFOSR SEMISPAN MODEL B



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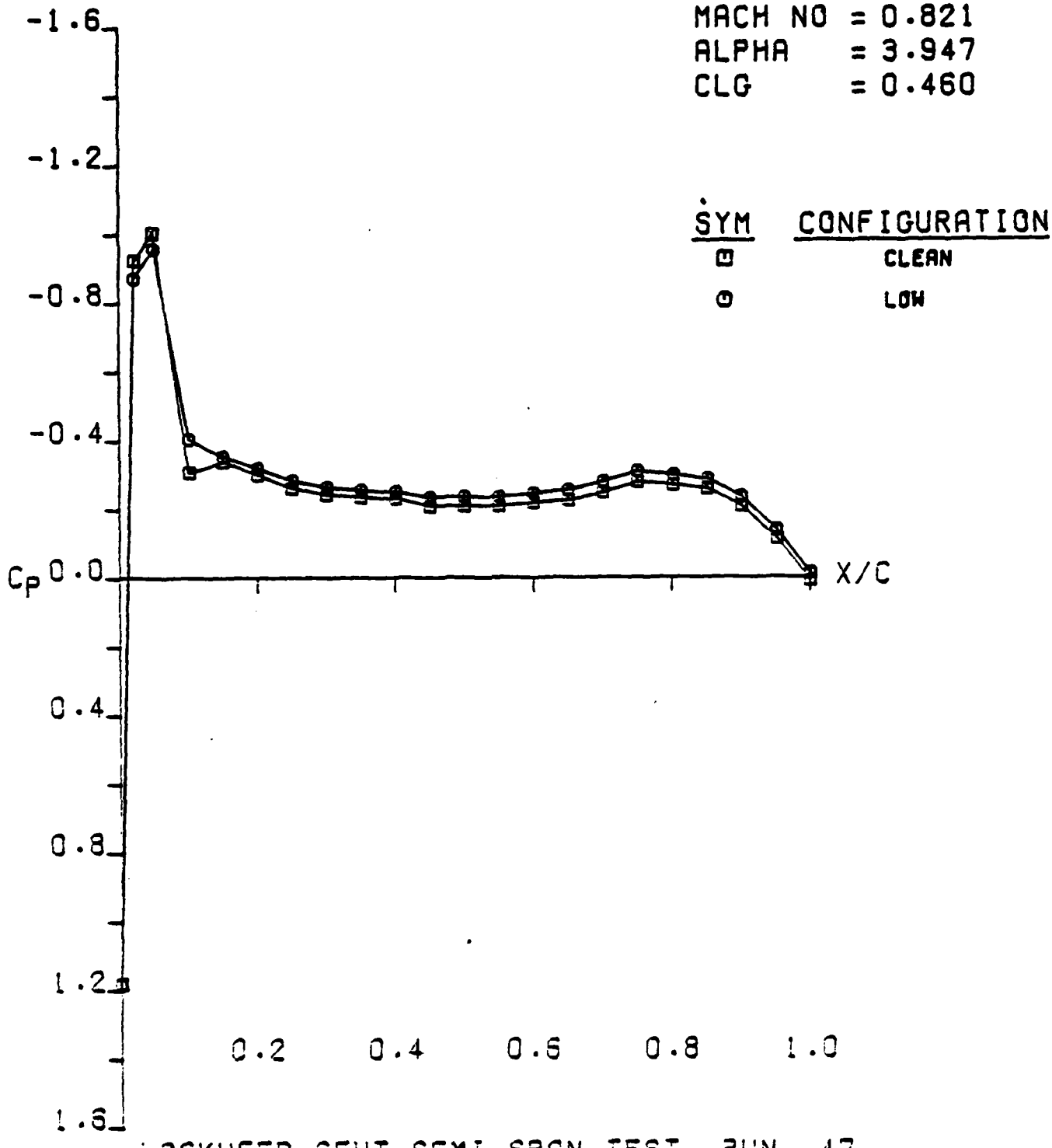
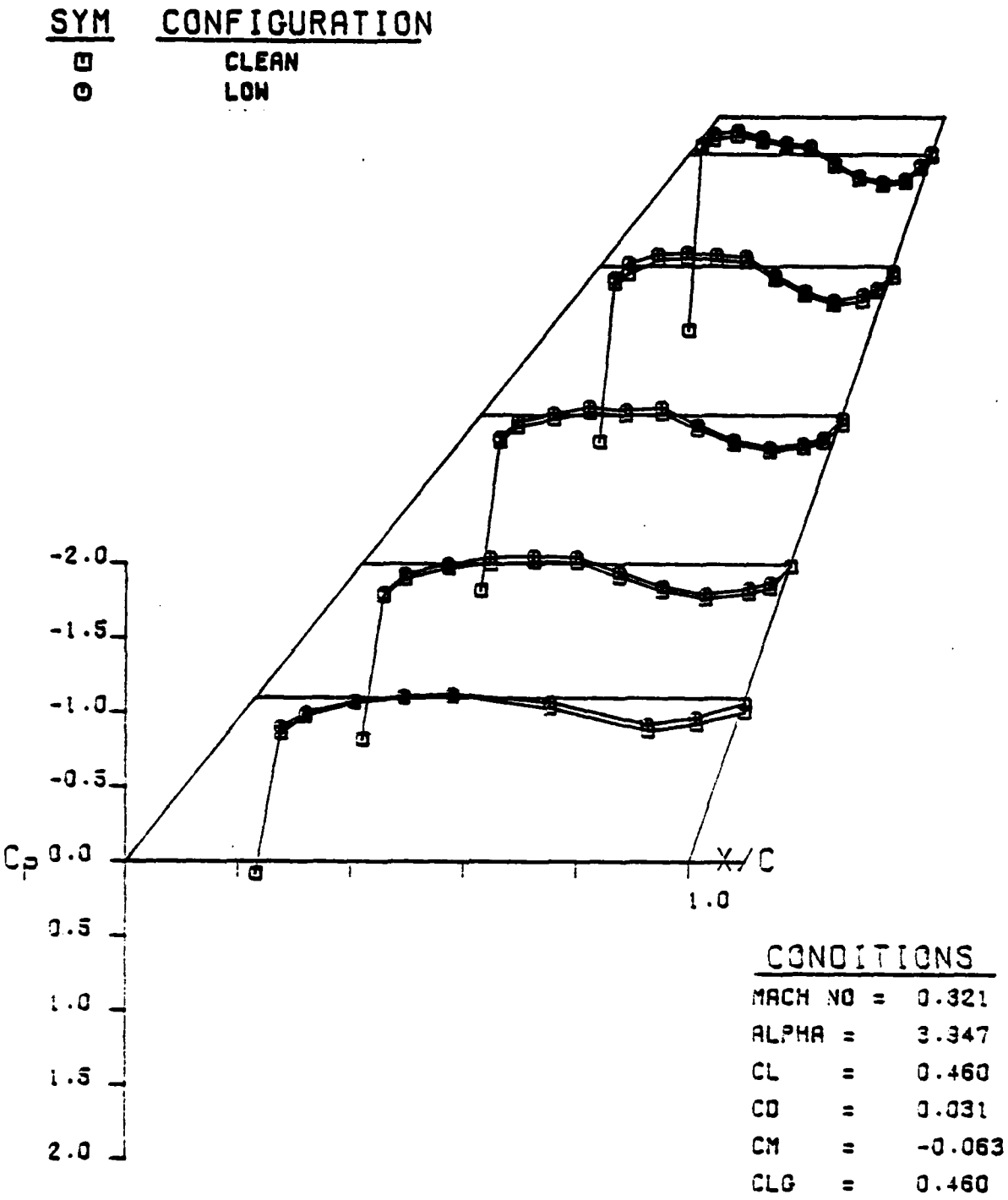
CLN VS LOW (UPR SURF ETA .8)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS LOW (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL B



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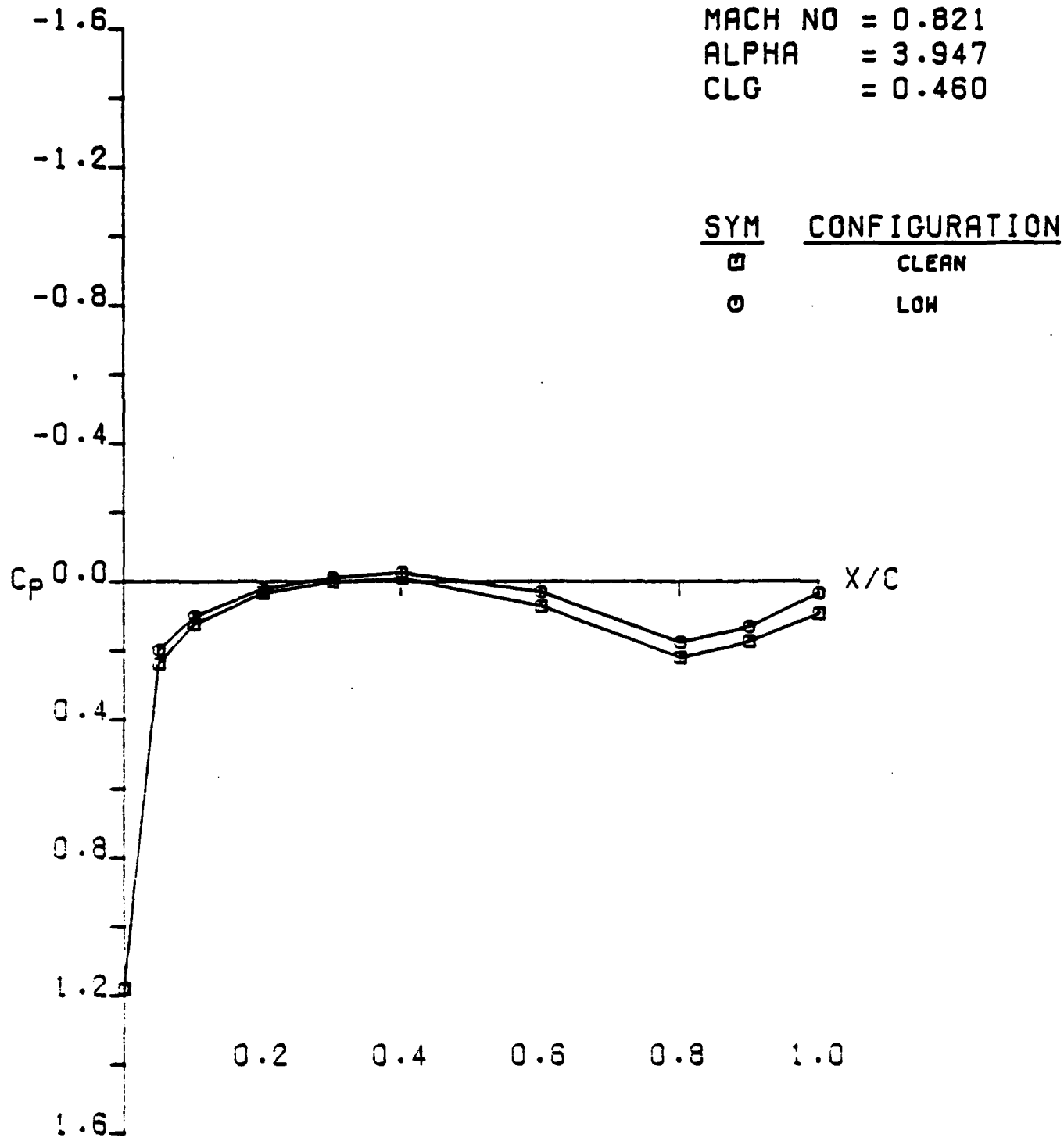
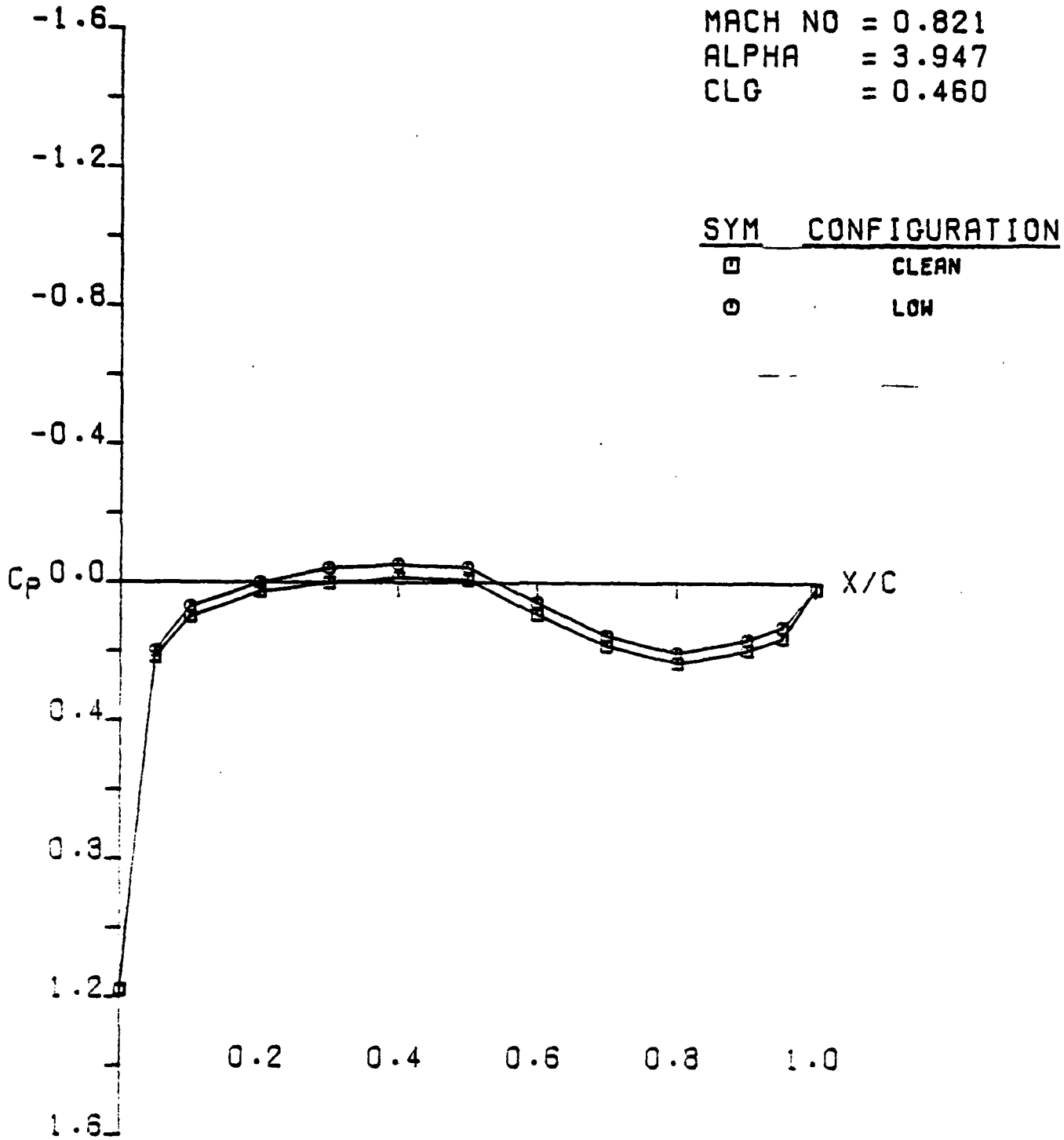
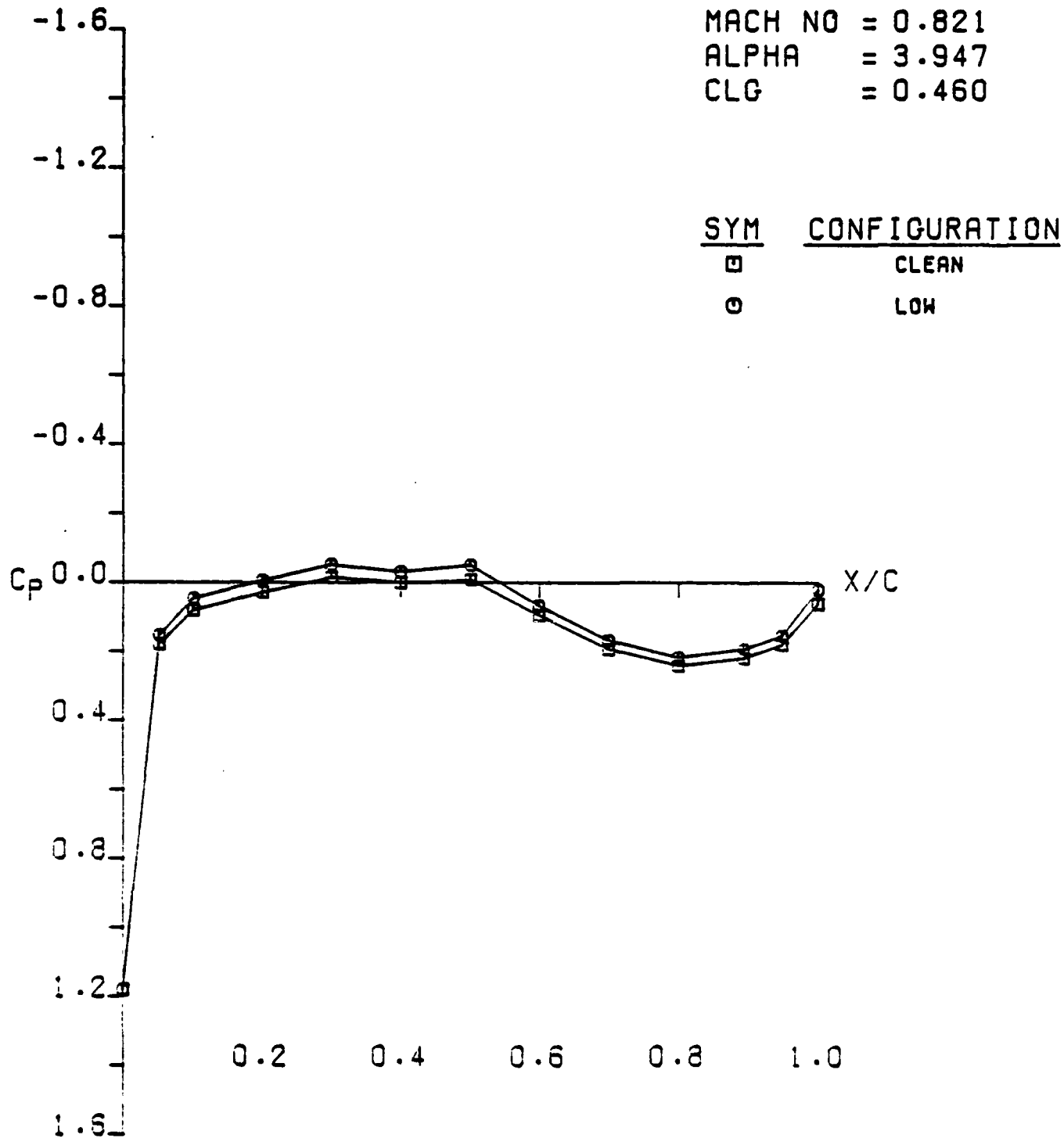
CLN VS LOW (LWR SURF)
AFOSR SEMISPAN MODEL B



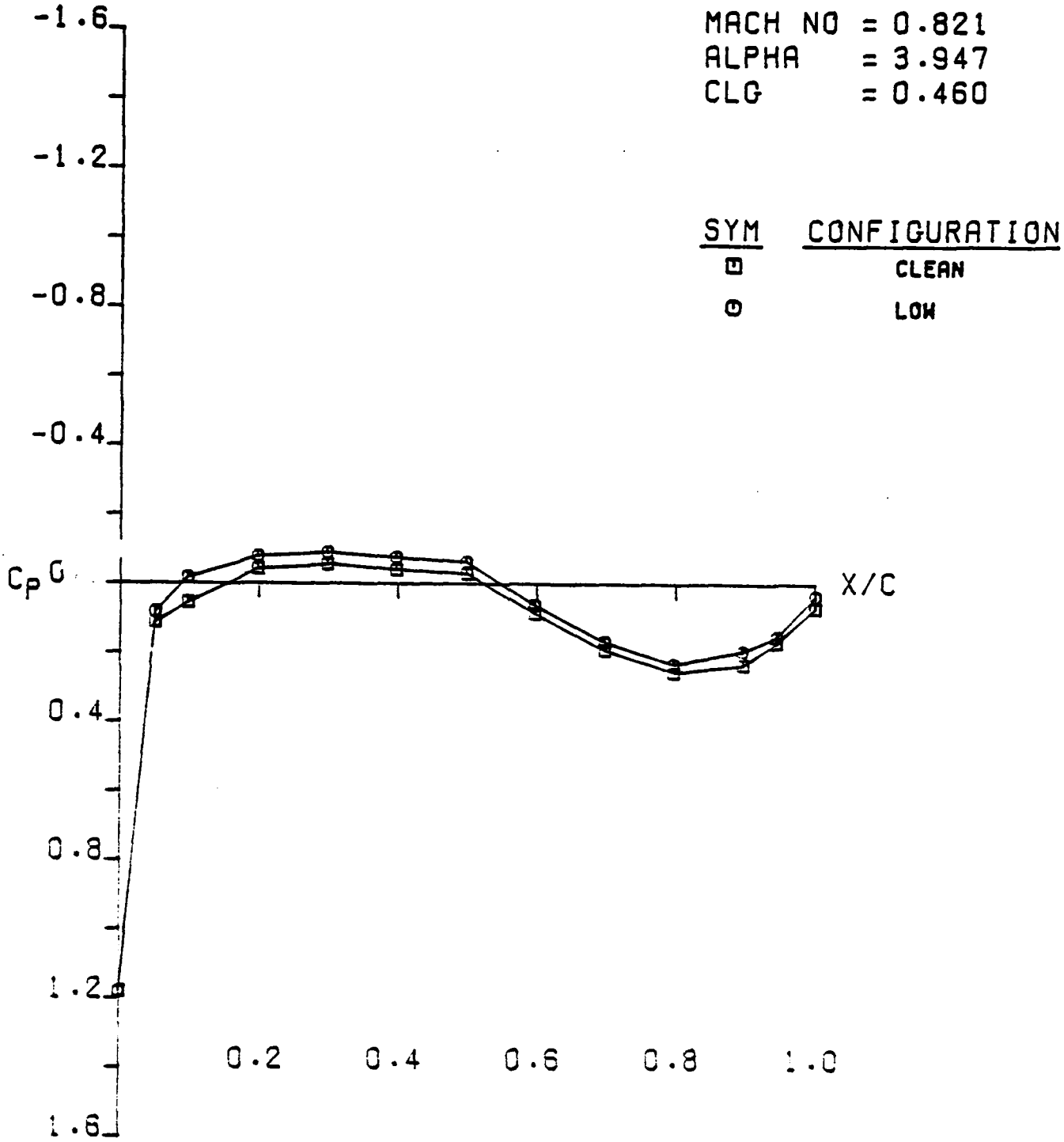
LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS LOW (LWR SURF ETA.216)
AFOSR SEMISPAN MODEL 3



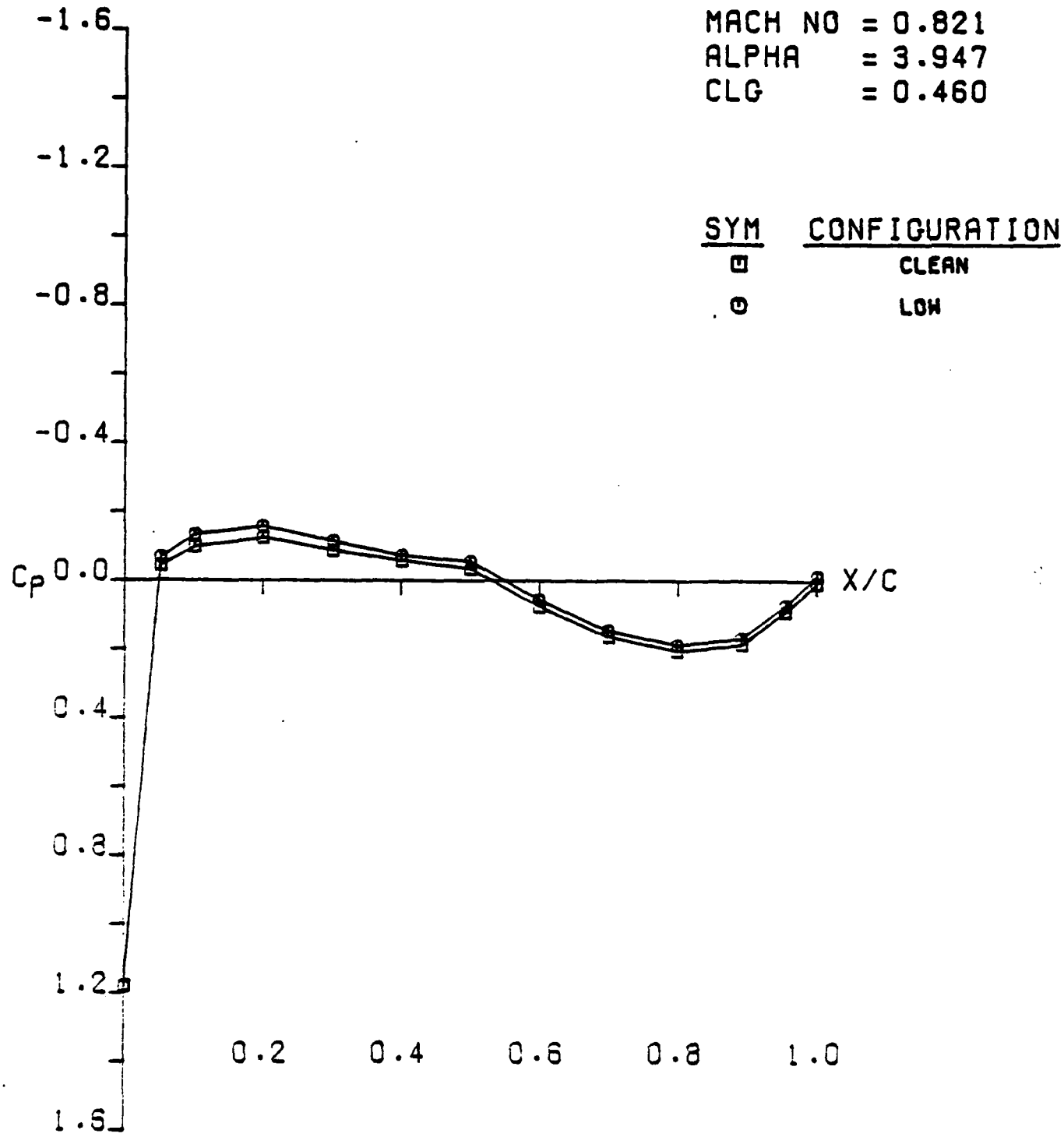
LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS LOW (LWR SURF ETA.4)
AFOSR SEMISPAN MODEL 3



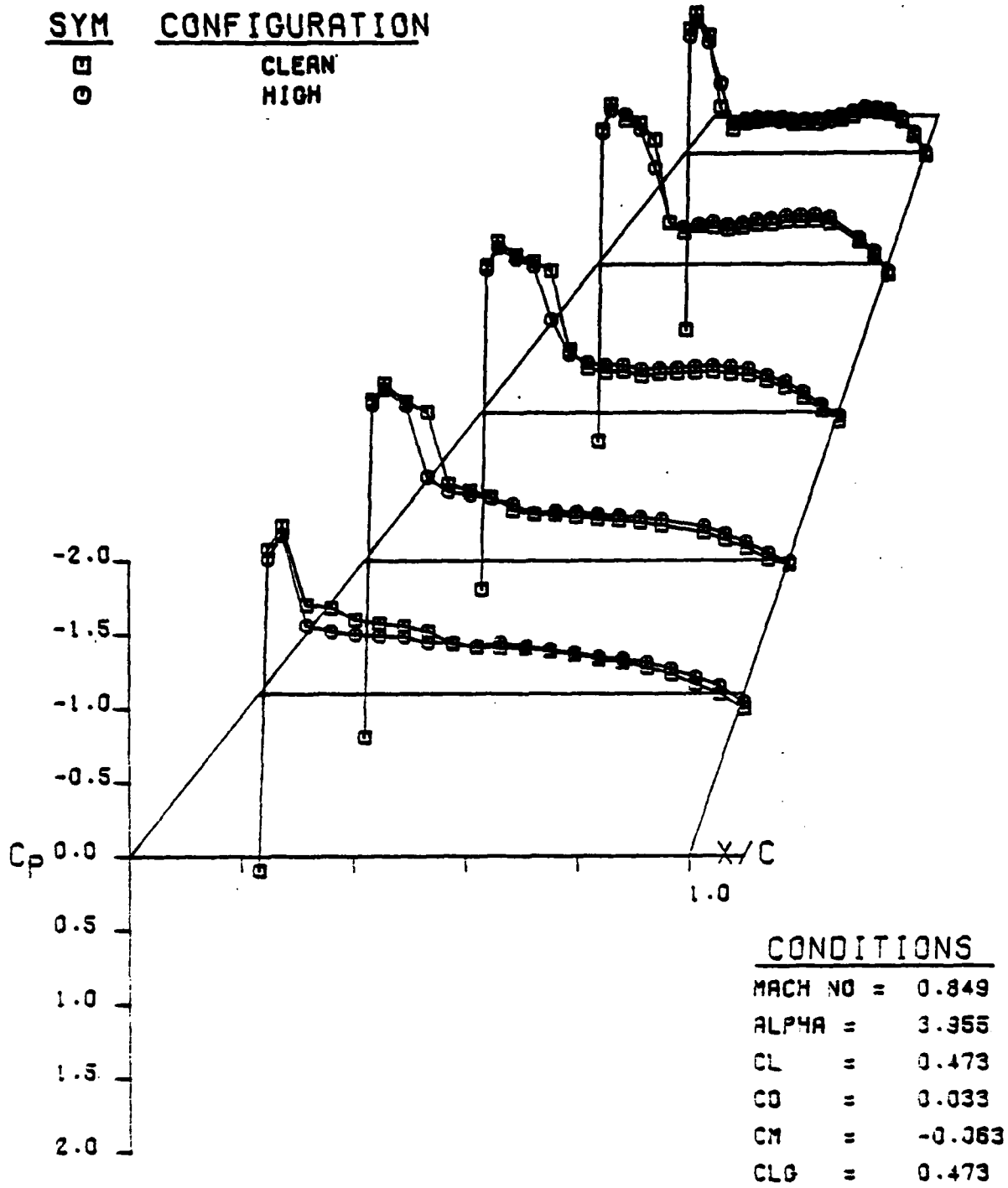
LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS LOW (LWR SURF ETA.60)
AFOSR SEMISPAN MODEL 3



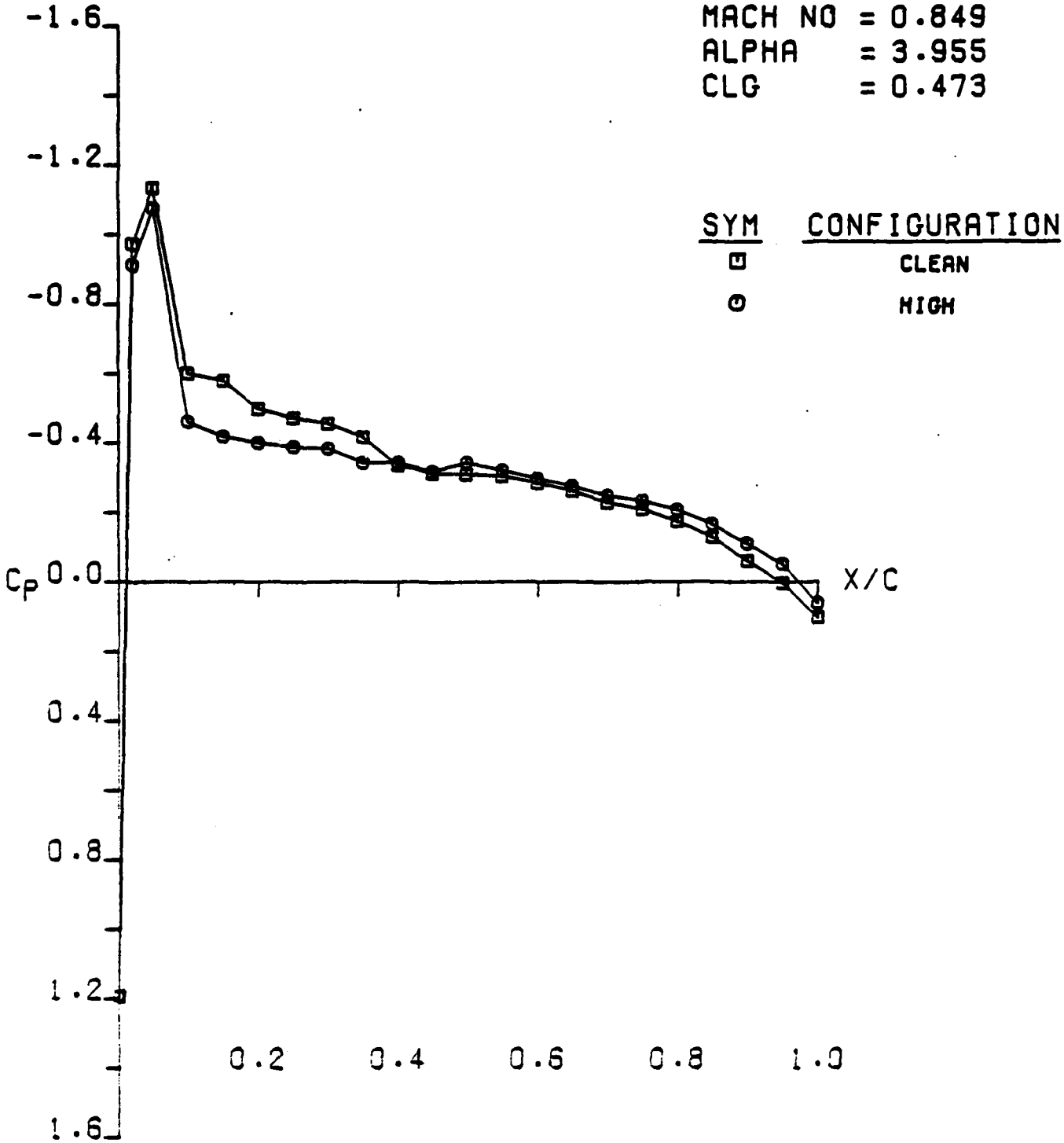
LOCKHEED CFWT SEMI-SPAN TEST. RUN 47
CLN VS LOW (LWR SURF ETA.8)
AFOSR SEMISPAN MODEL 8



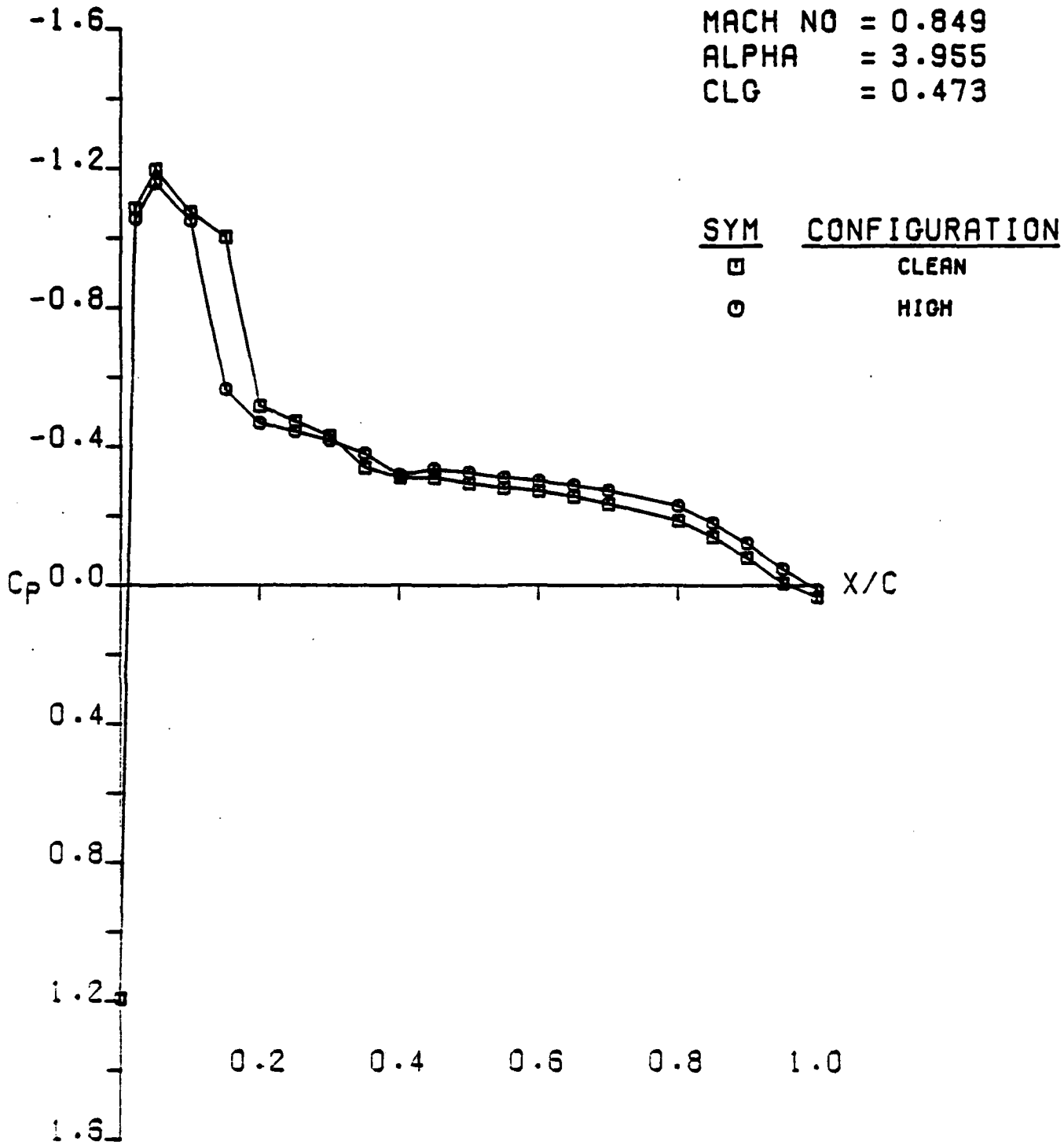
LOCKHEED CFWT SEMI-SPAN TEST, RUN 47
CLN VS LOW (LWR SURF ETA.95)
AFOSR SEMISPAN MODEL 8



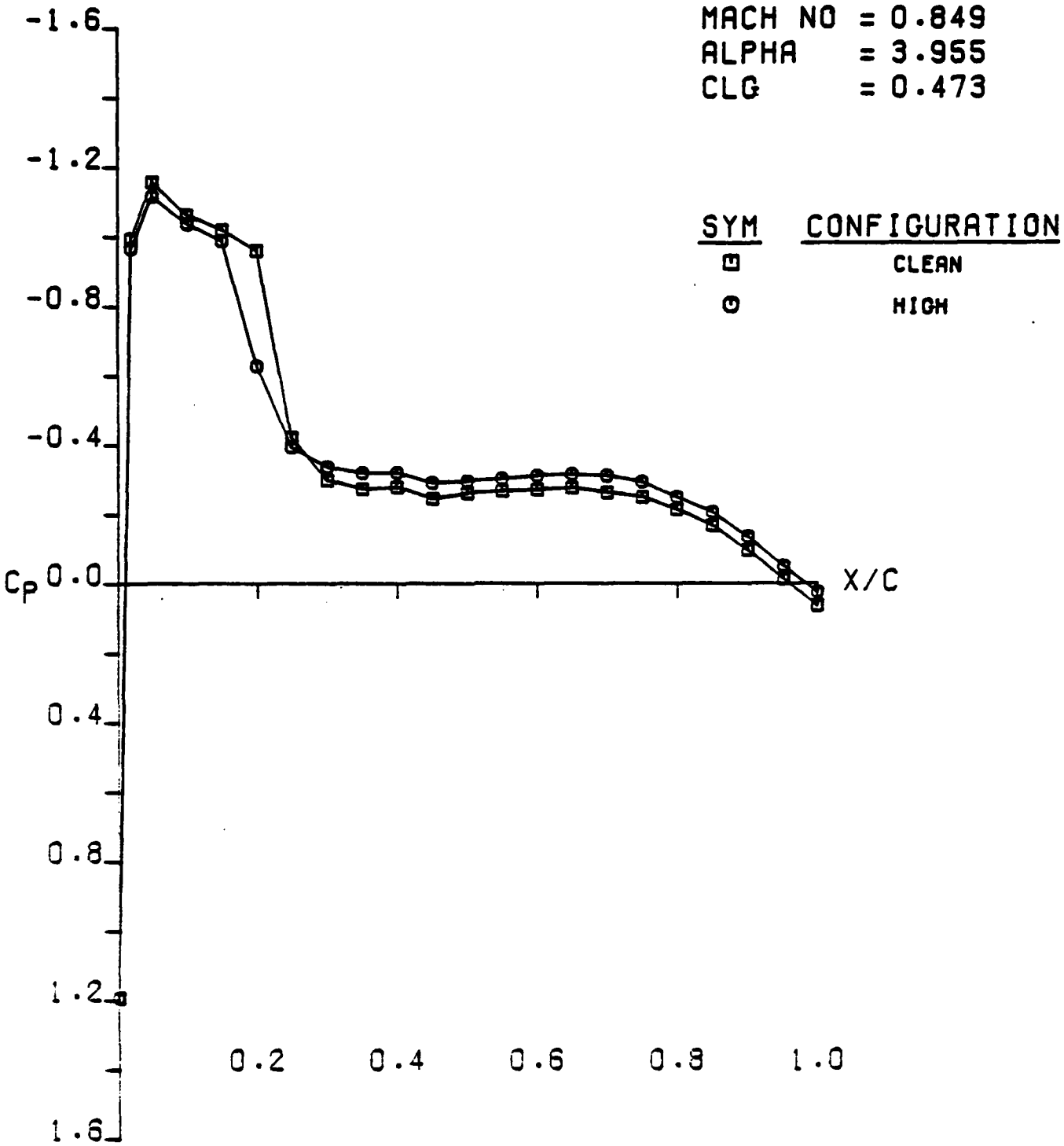
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS HIGH (UPR SURF)
AFOSR SEMISPAN MODEL 8



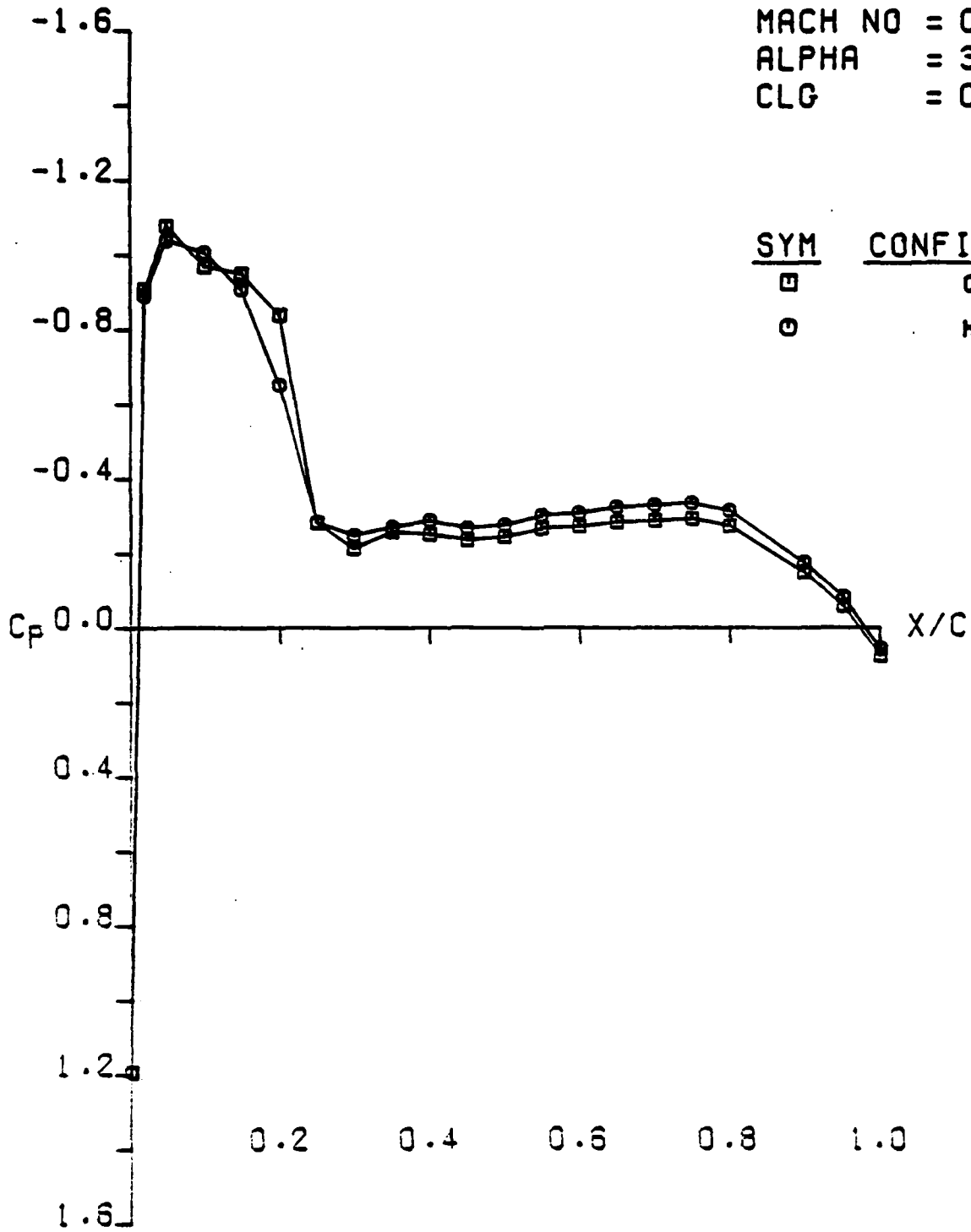
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS HIGH (UPR SURF ETA.216)
AFOSR SEMISPAN MODEL 8



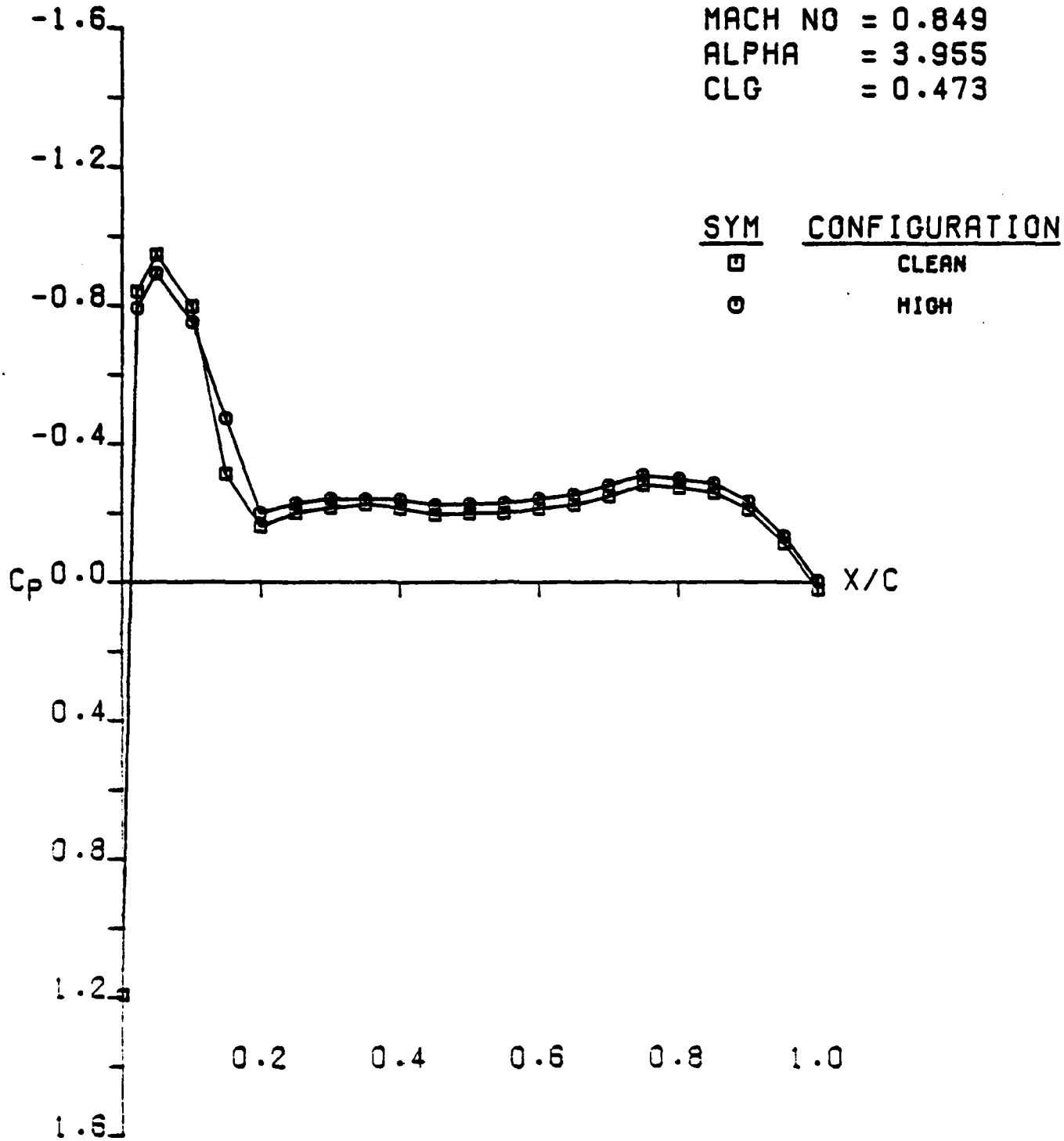
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS HIGH (UPR SURF ETA .40)
AFOSR SEMISPAN MODEL B



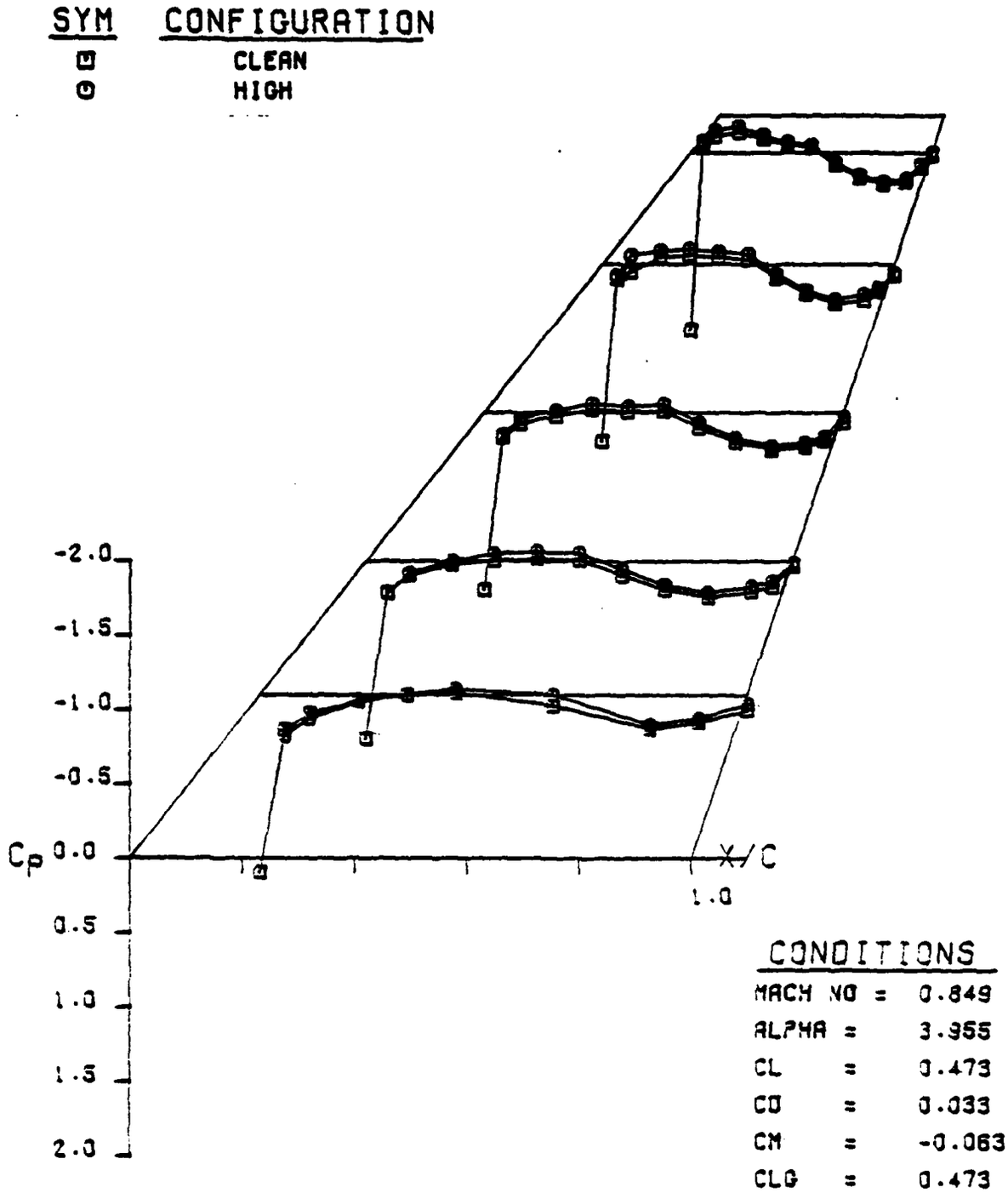
LOCKHEED CFWT SEMI-SPAN TEST. RUN 1S
CLN VS HIGH (UPR SURF ETA .60)
AFOSR SEMISPAN MODEL 3



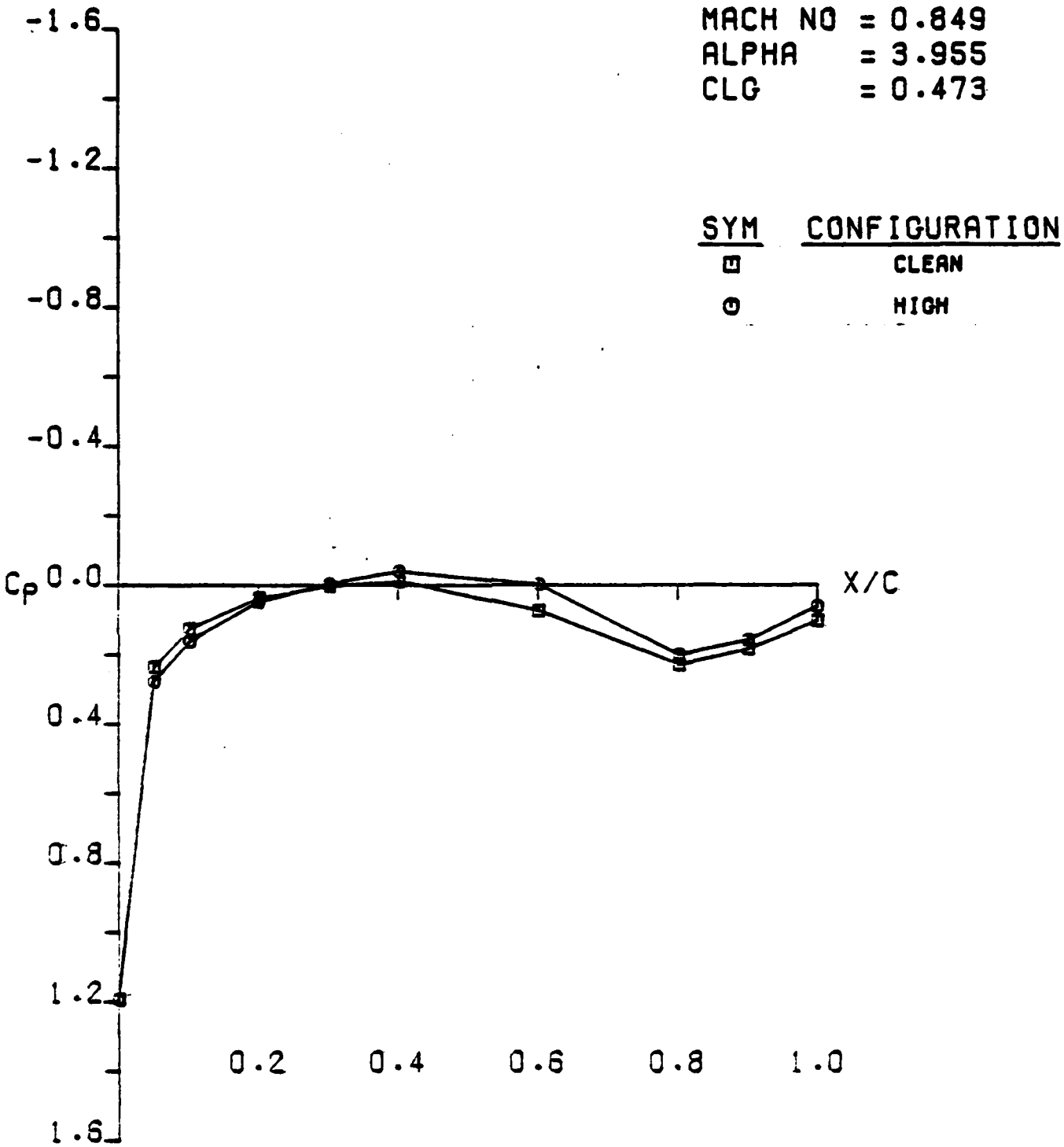
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS HIGH (UPR SURF ETA .8)
AFOSR SEMISPAN MODEL B



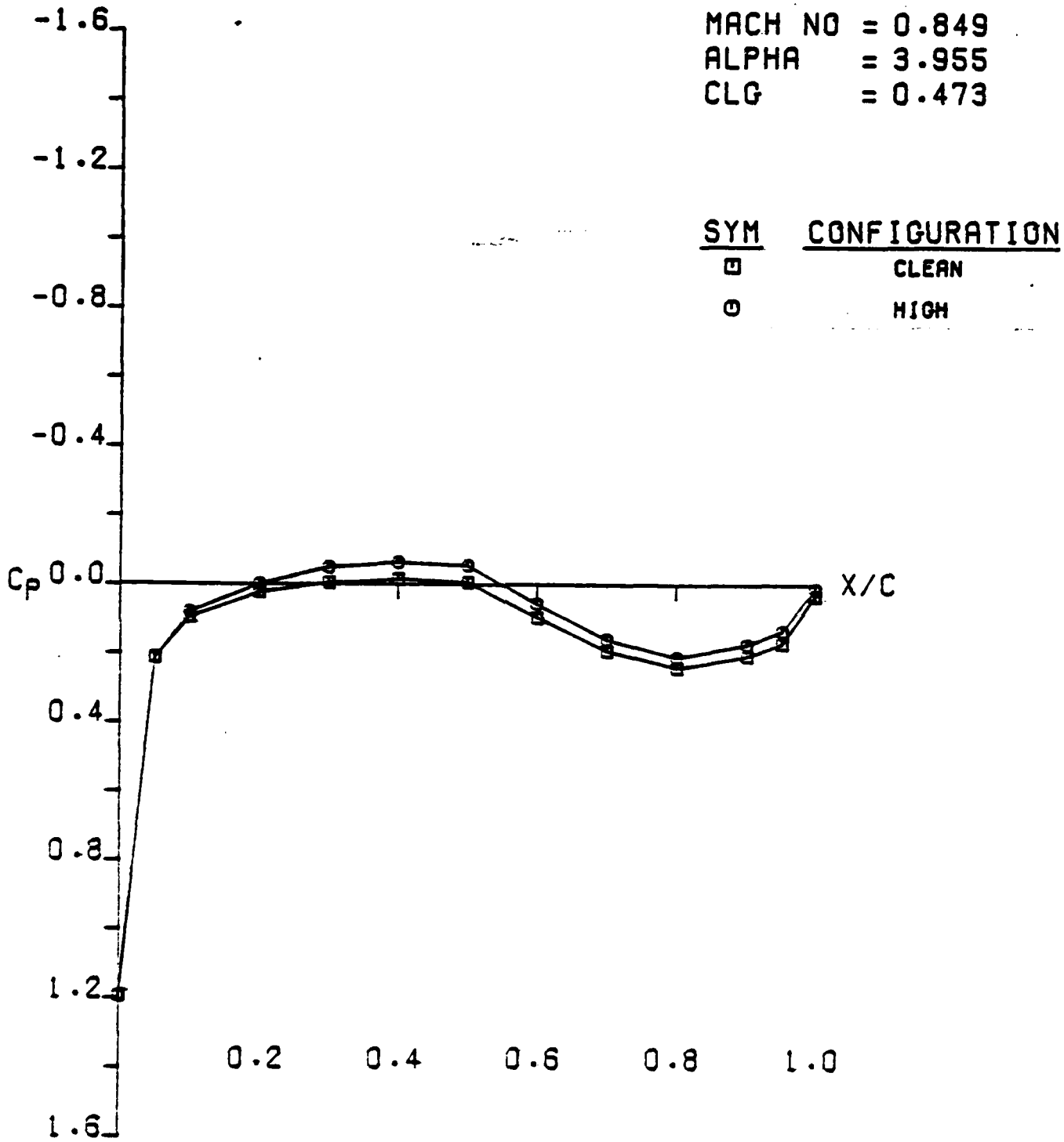
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS HIGH (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL 3



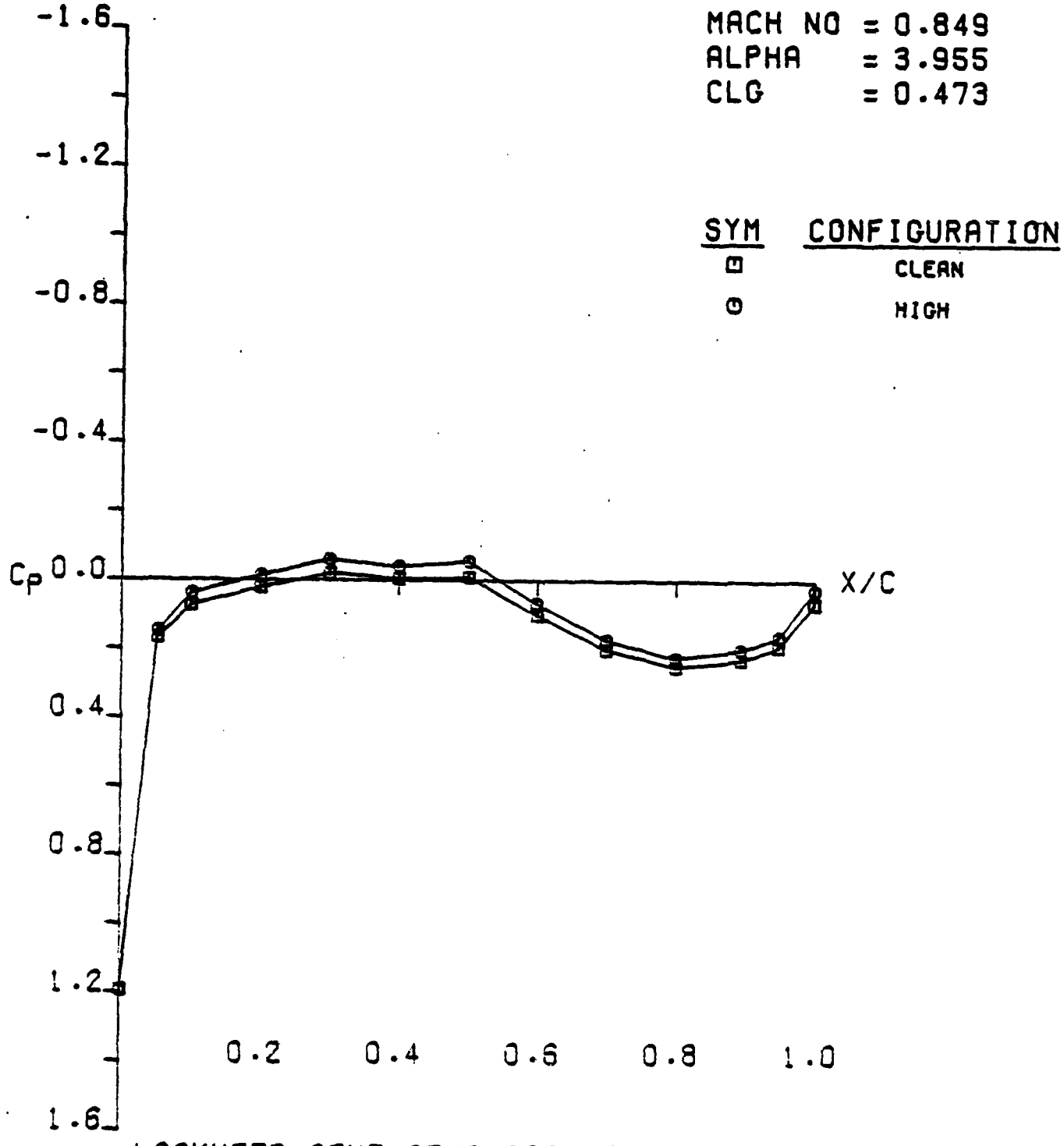
LOCKHEED CFWT SEMI-SPAN TEST, RUN 15
CLN VS HIGH (LWR SURF)
AFOSR SEMISPAN MODEL B



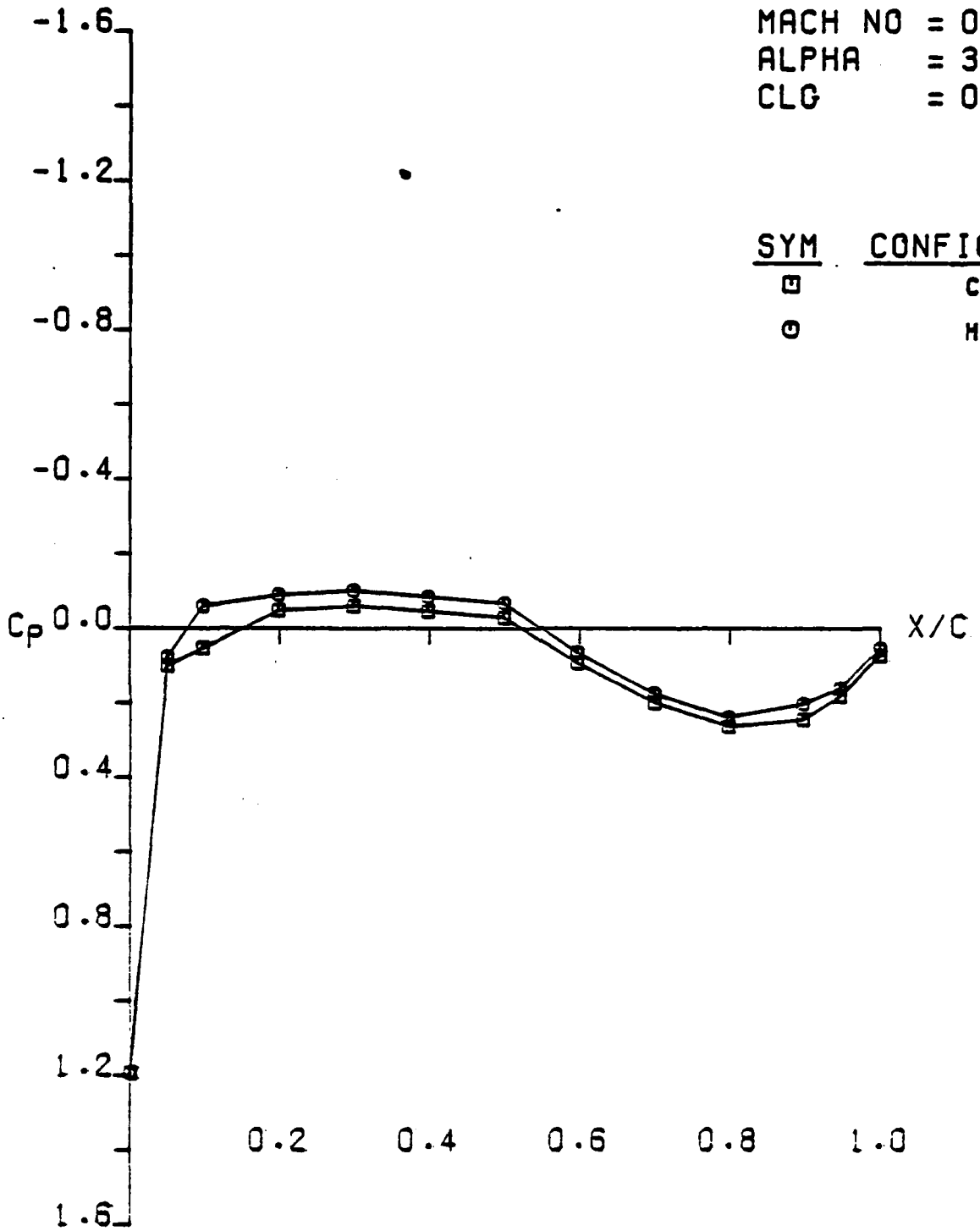
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS HIGH (LWR SURF ETA.216)
AFOSR SEMISPAN MODEL B



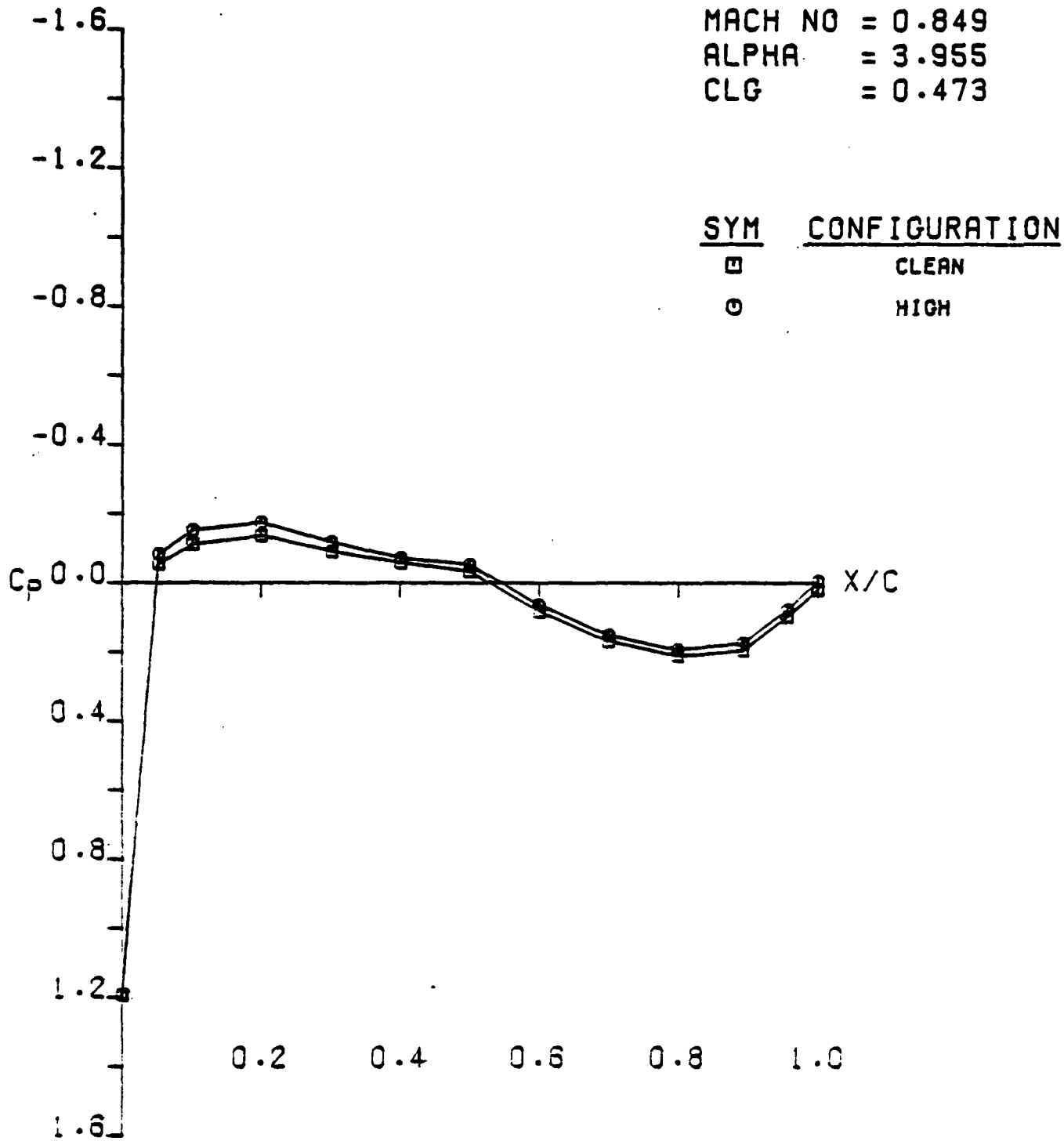
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS HIGH (LWR SURF ETA.4)
AFOSR SEMISPAN MODEL B



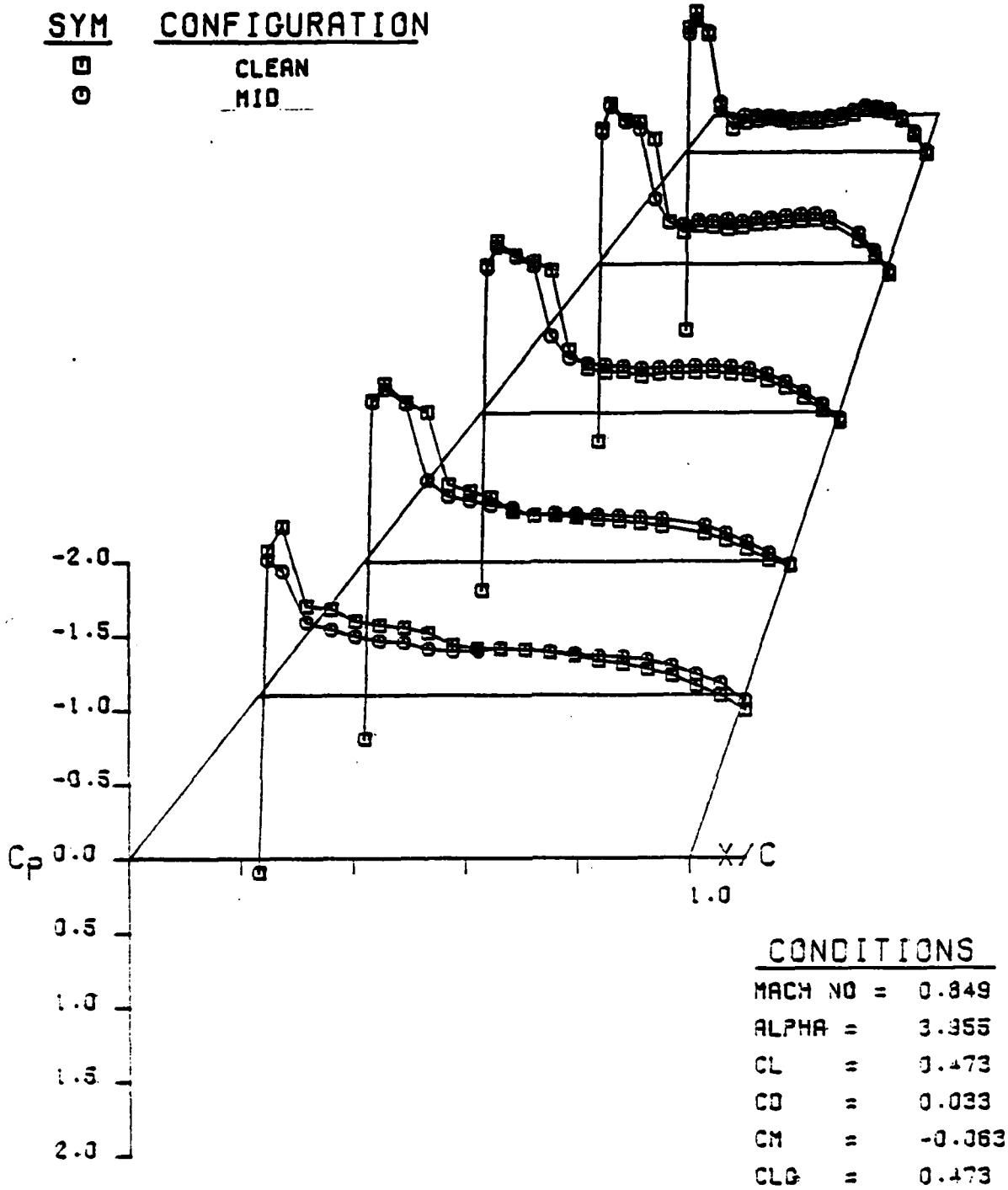
LOCKHEED CFWT SEMI-SPAN TEST. RUN 16
CLN VS HIGH (LWR SURF ETA.50)
AFOSR SEMISPAN MODEL B



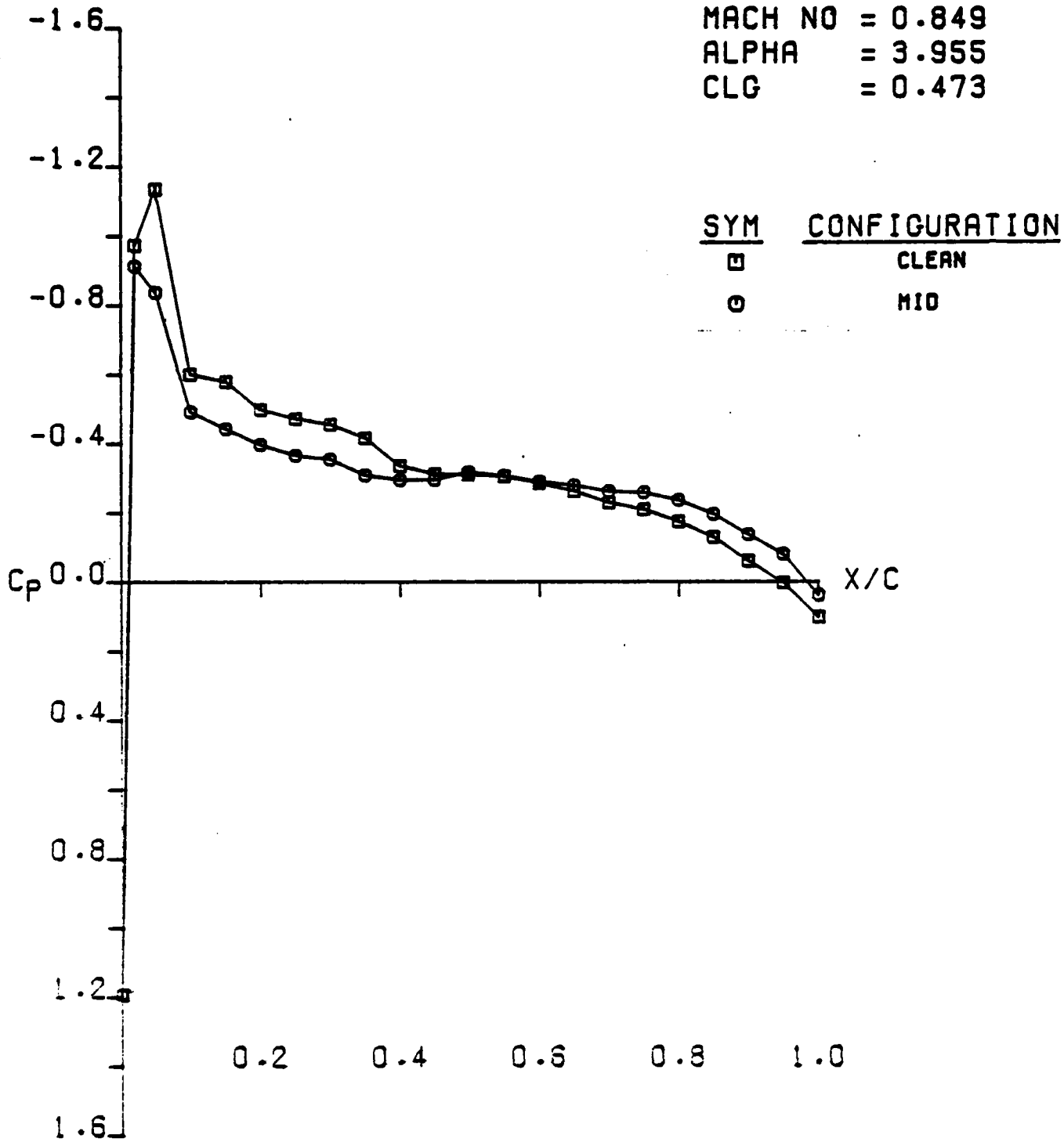
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS HIGH (LWR SURF ETA.8)
AFOSR SEMISPAN MODEL B



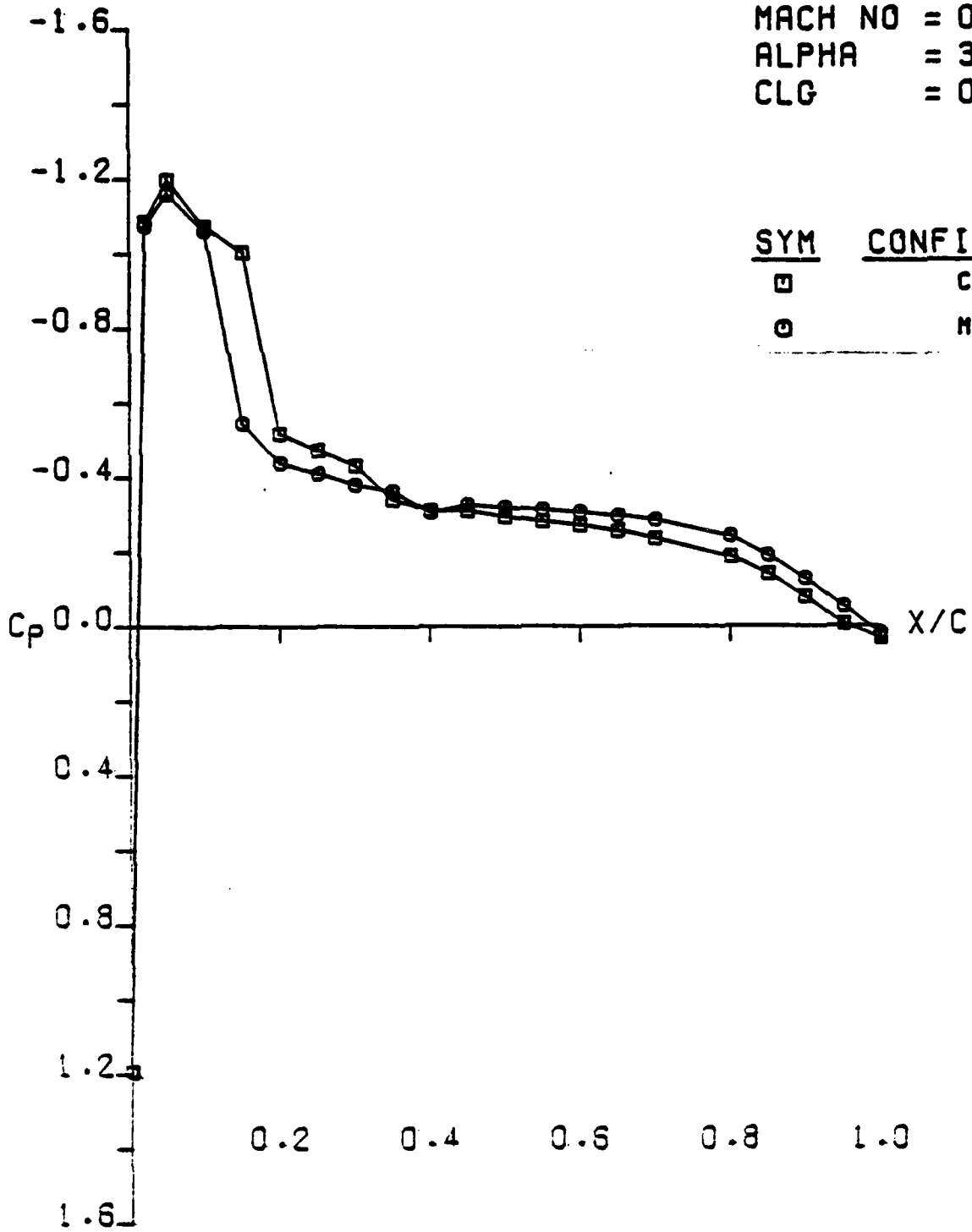
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS HIGH (LWR SURF ETA.95)
AFOSR SEMISPAN MODEL B



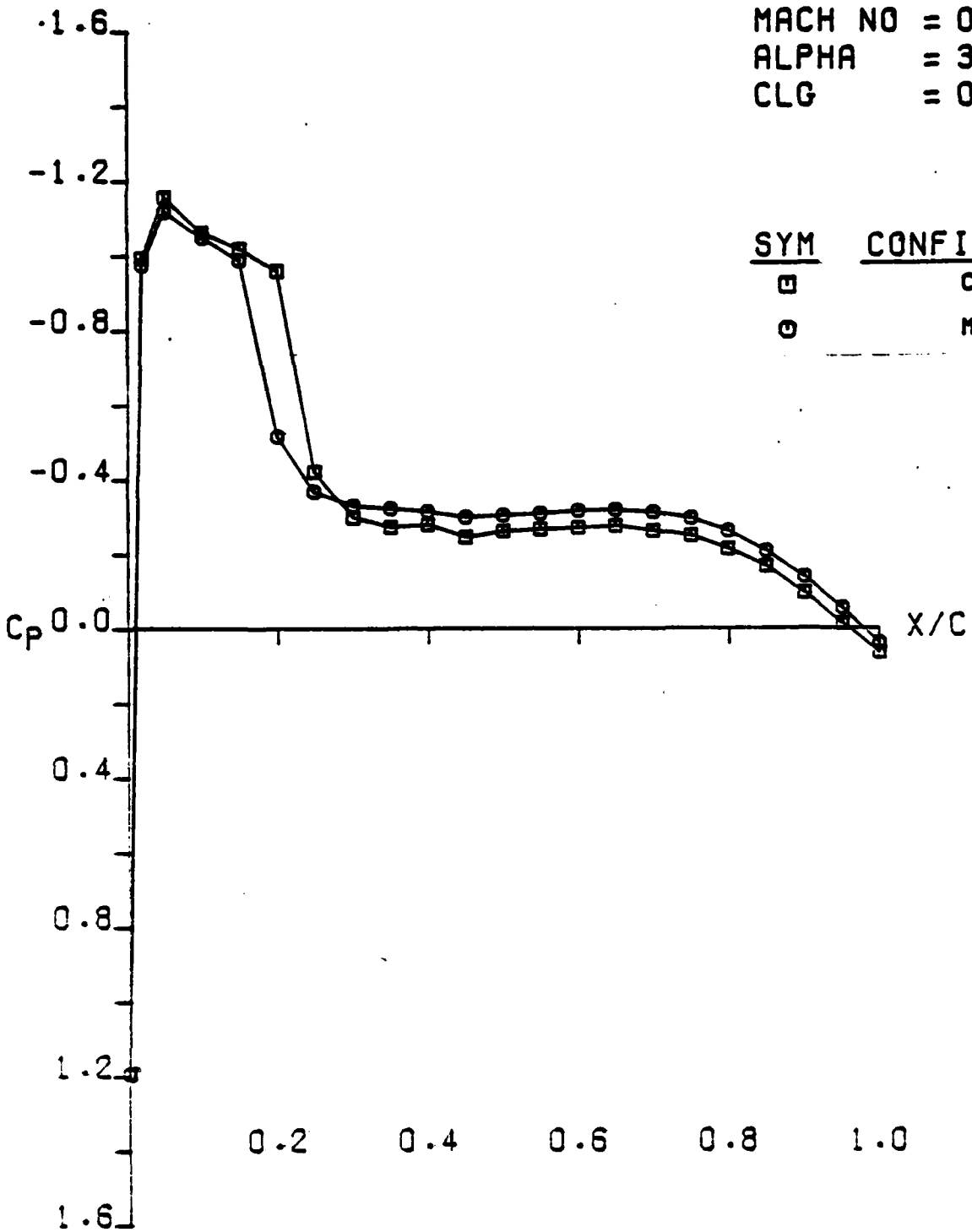
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS MID (UPR SURF)
AFOSR SEMISPAN MODEL 3



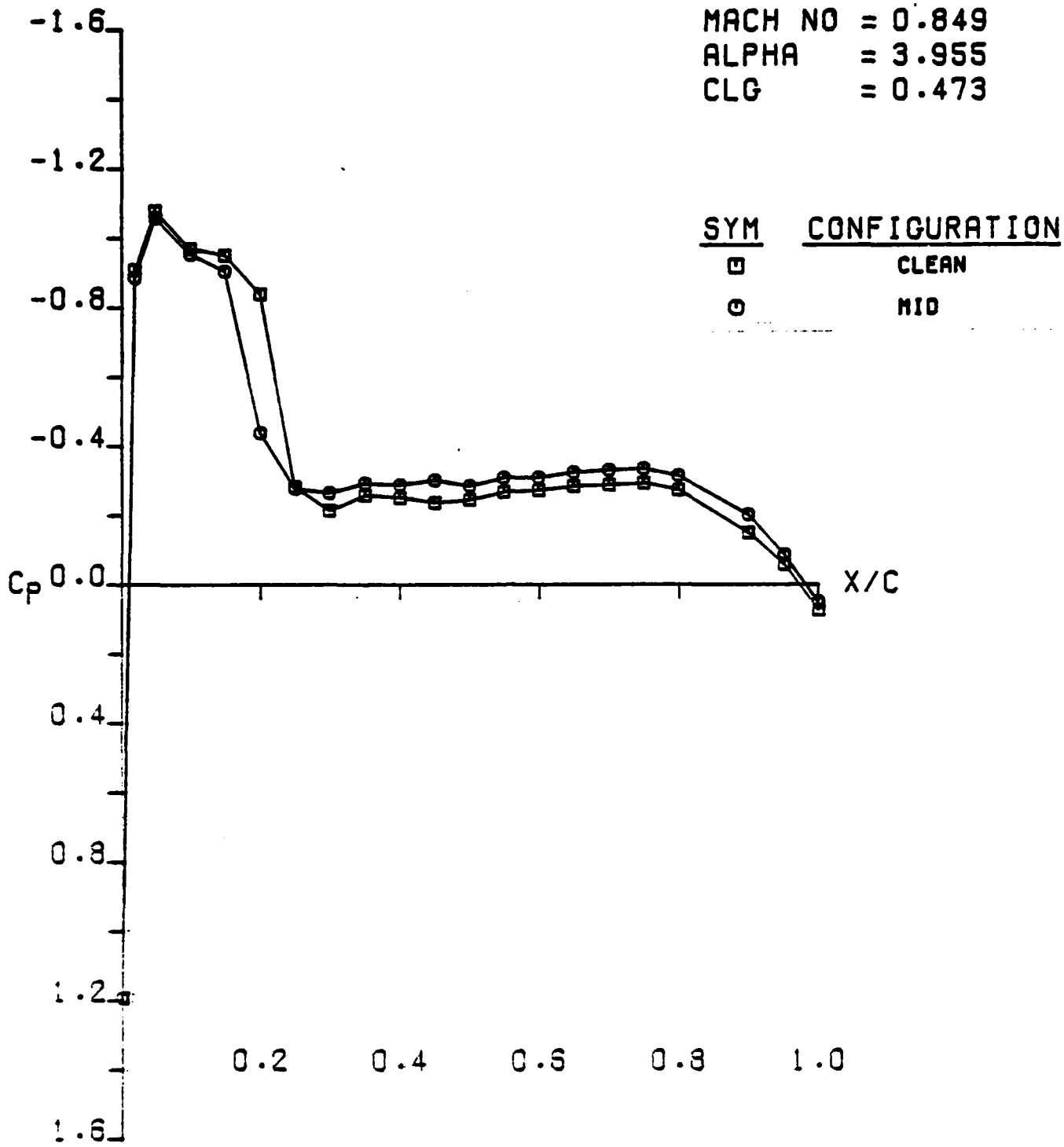
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS MID (UPR SURF ETA.216)
AFOSR SEMISPAN MODEL B



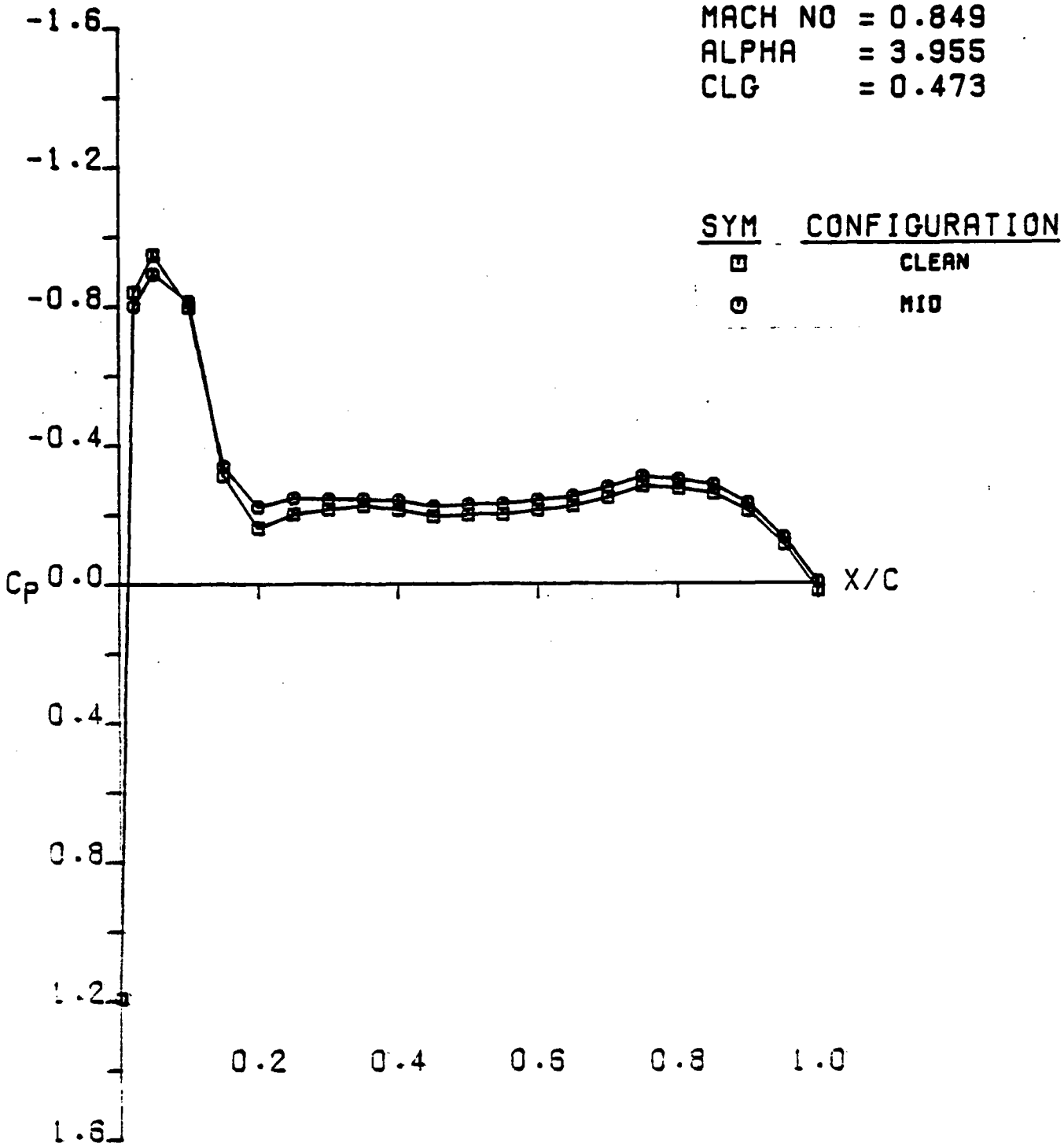
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS MID (UPR SURF ETA .40)
AFOSR SEMISPAN MODEL 8



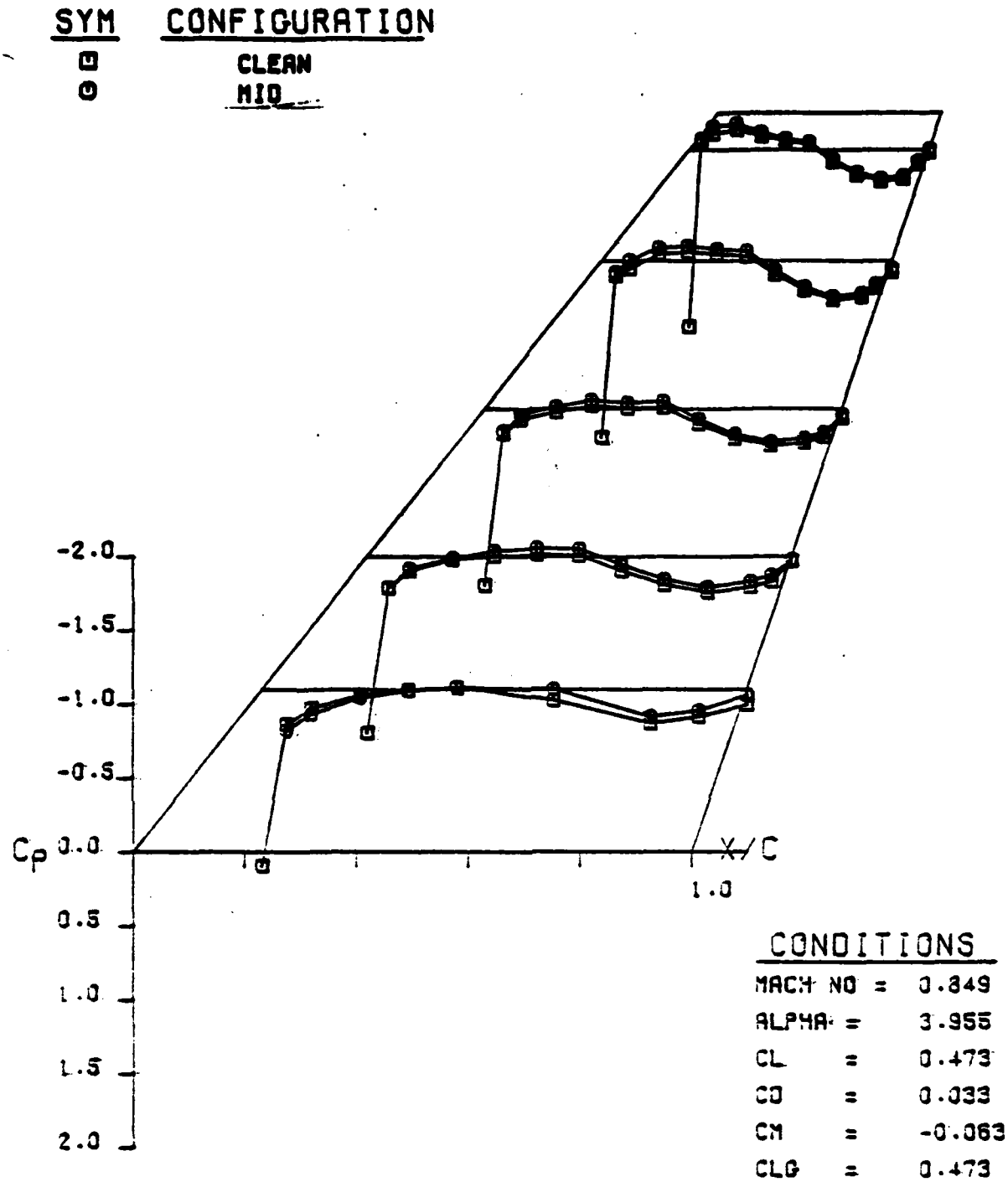
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS MID (UPR SURF ETA .60)
AFOSR SEMISPAN MODEL 8



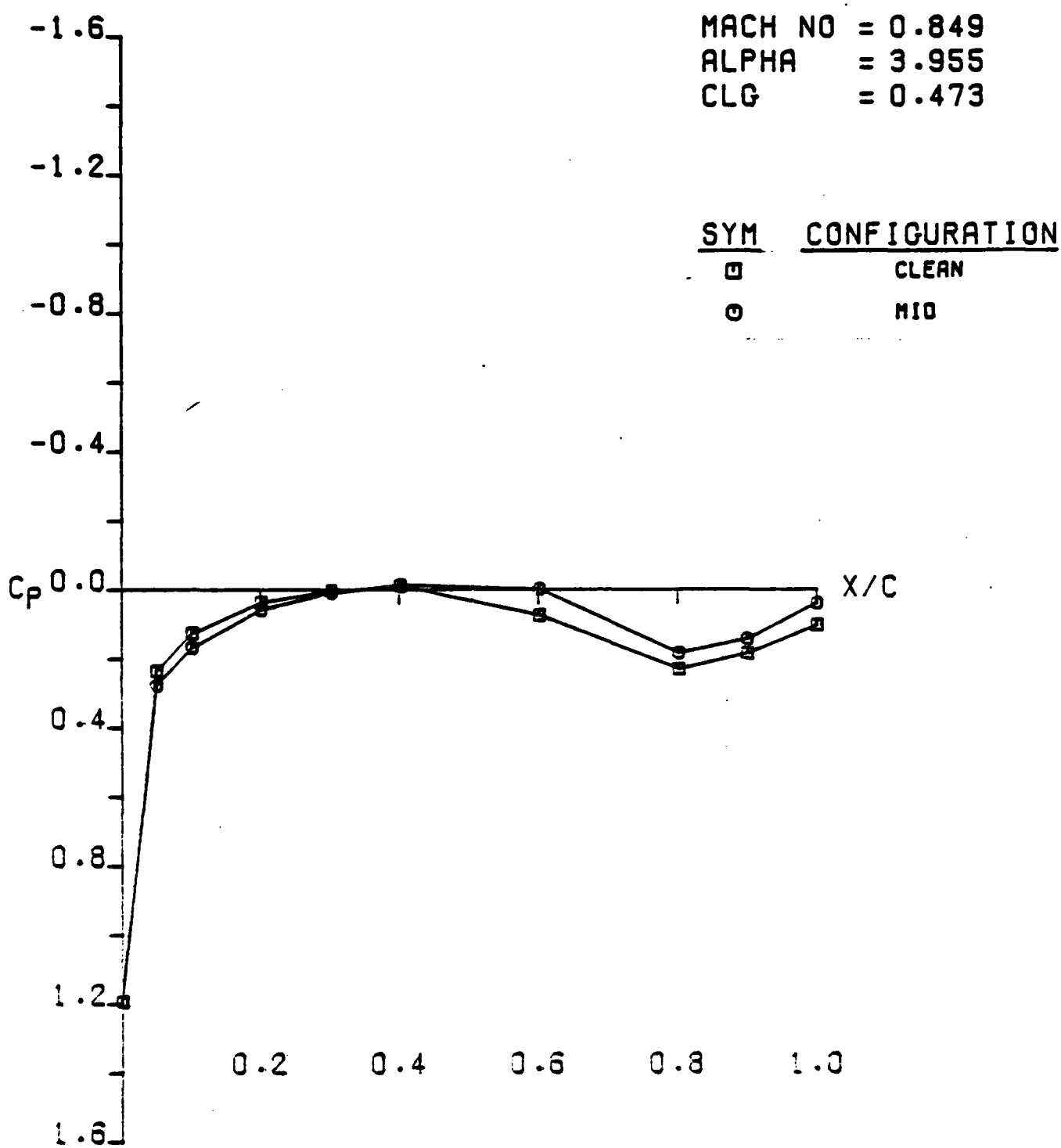
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS MID (UPR SURF ETA .8)
AFOSR SEMISPAN MODEL 8



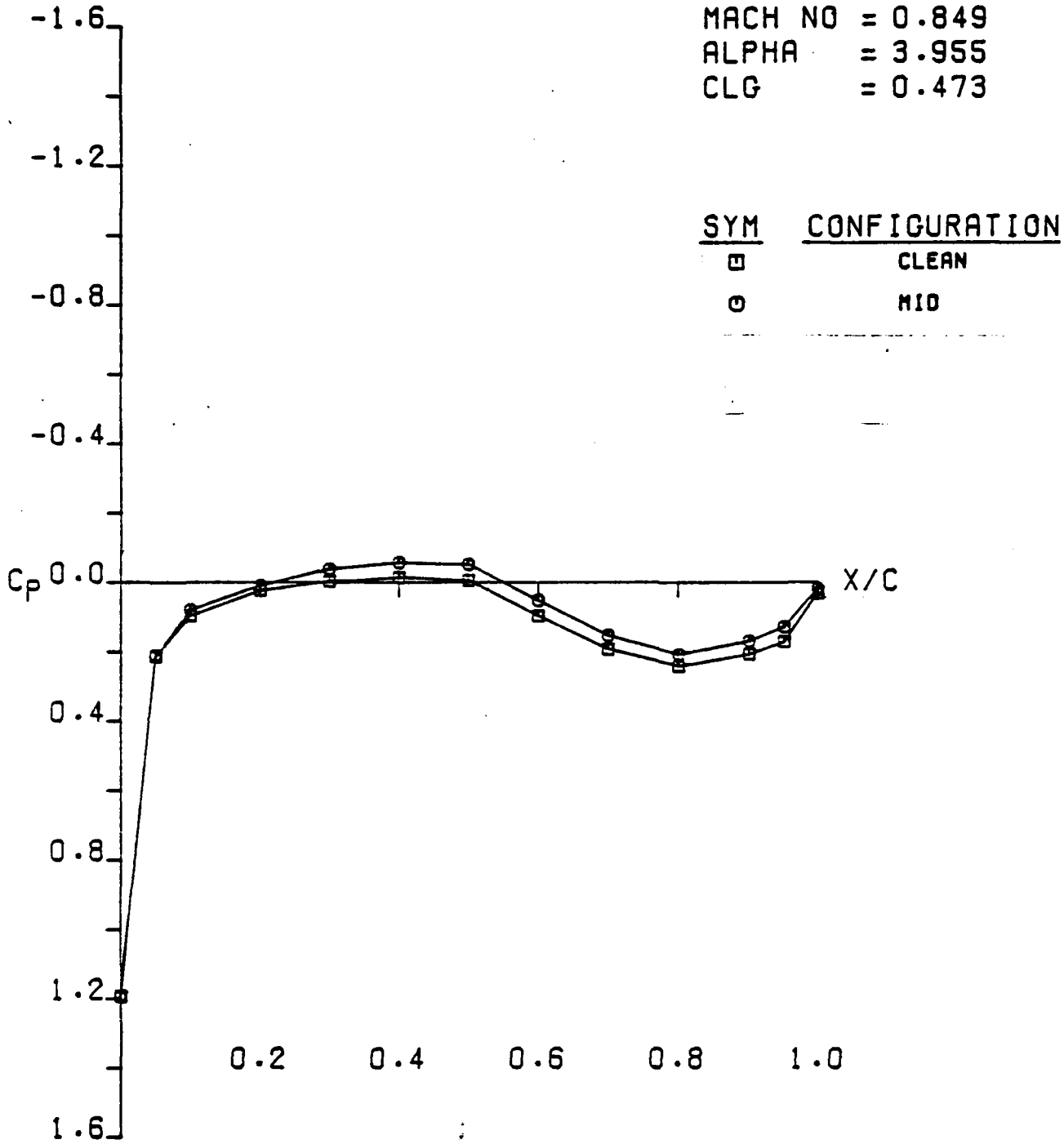
LOCKHEED CFWT SEMI-SPAN TEST, RUN 15
CLN VS MID (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL 3



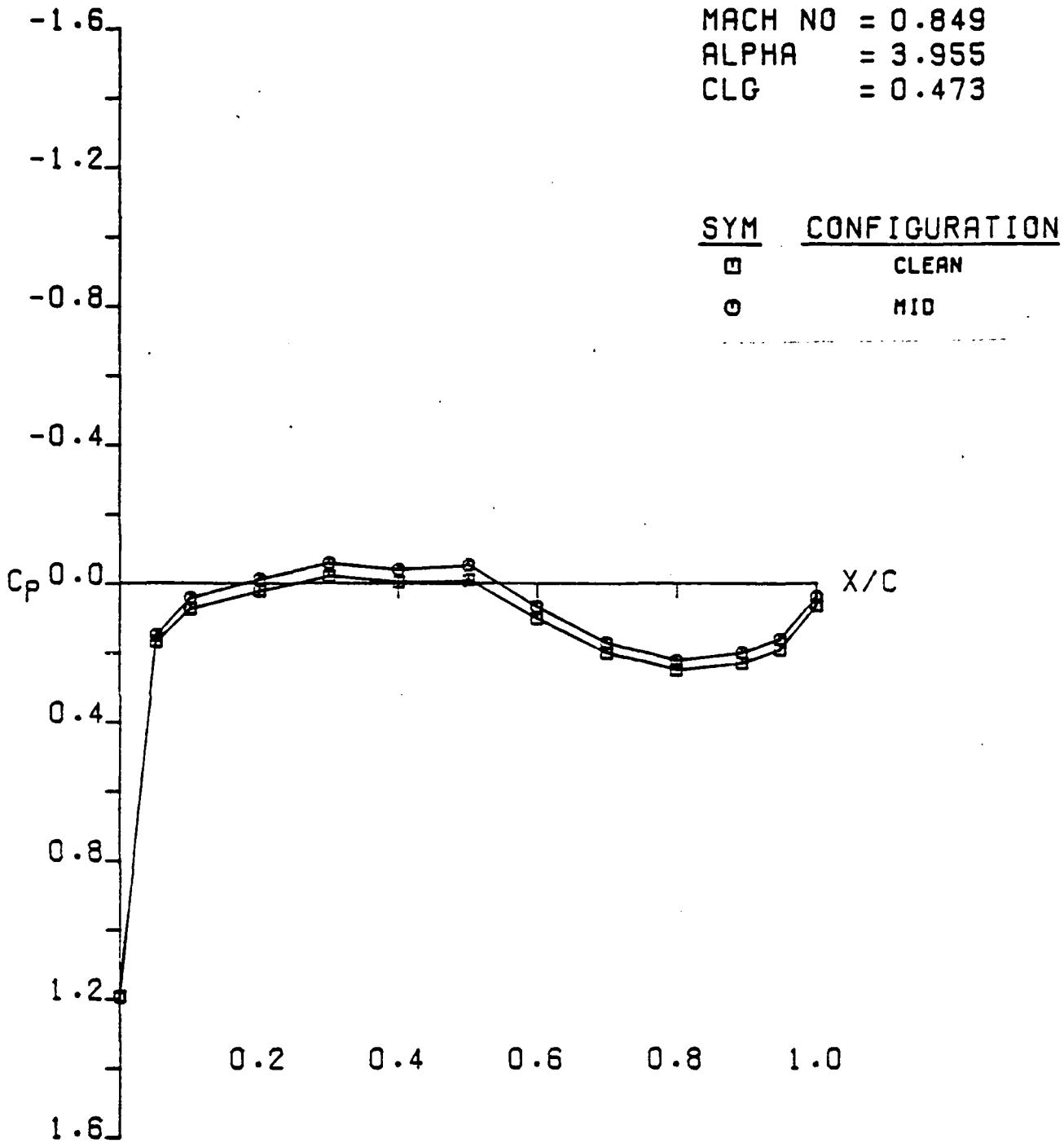
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS MID (LWR SURF)
AFOSR SEMISPAN MODEL 8



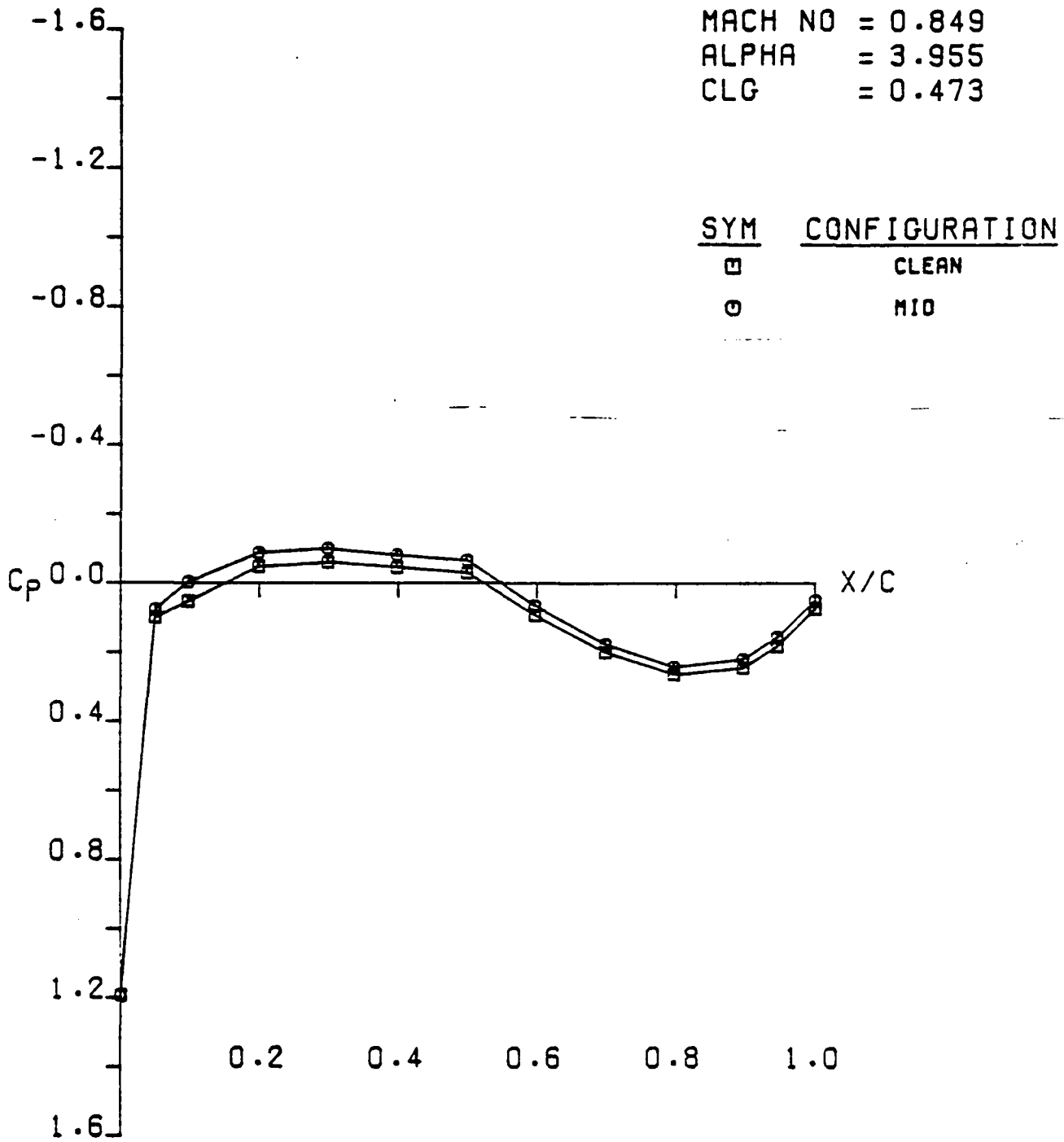
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS MID (LWR SURF ETA.216)
AFOSR SEMISPAN MODEL 8



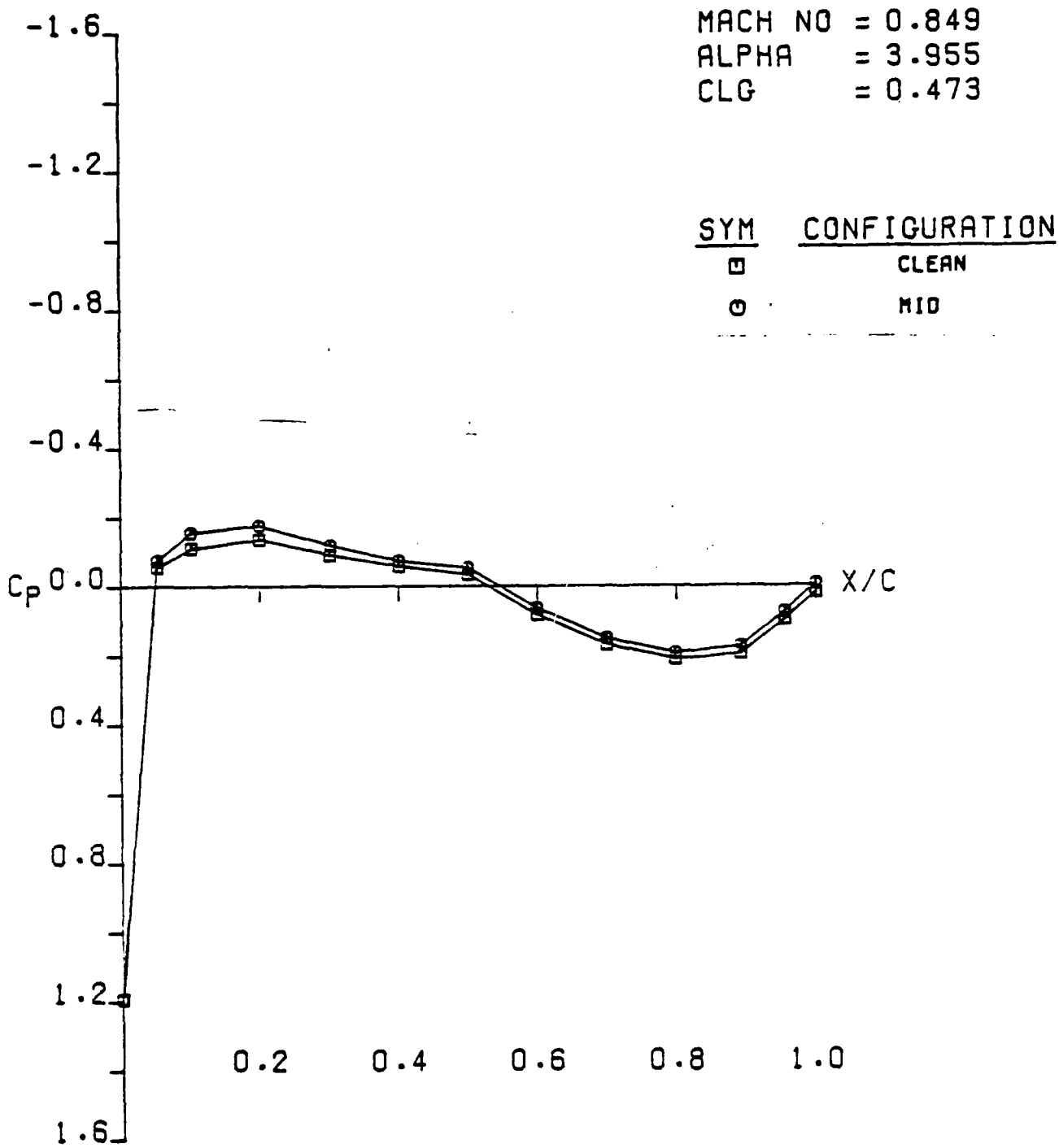
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS MID (LWR SURF ETA.4)
AFOSR SEMISPAN MODEL B



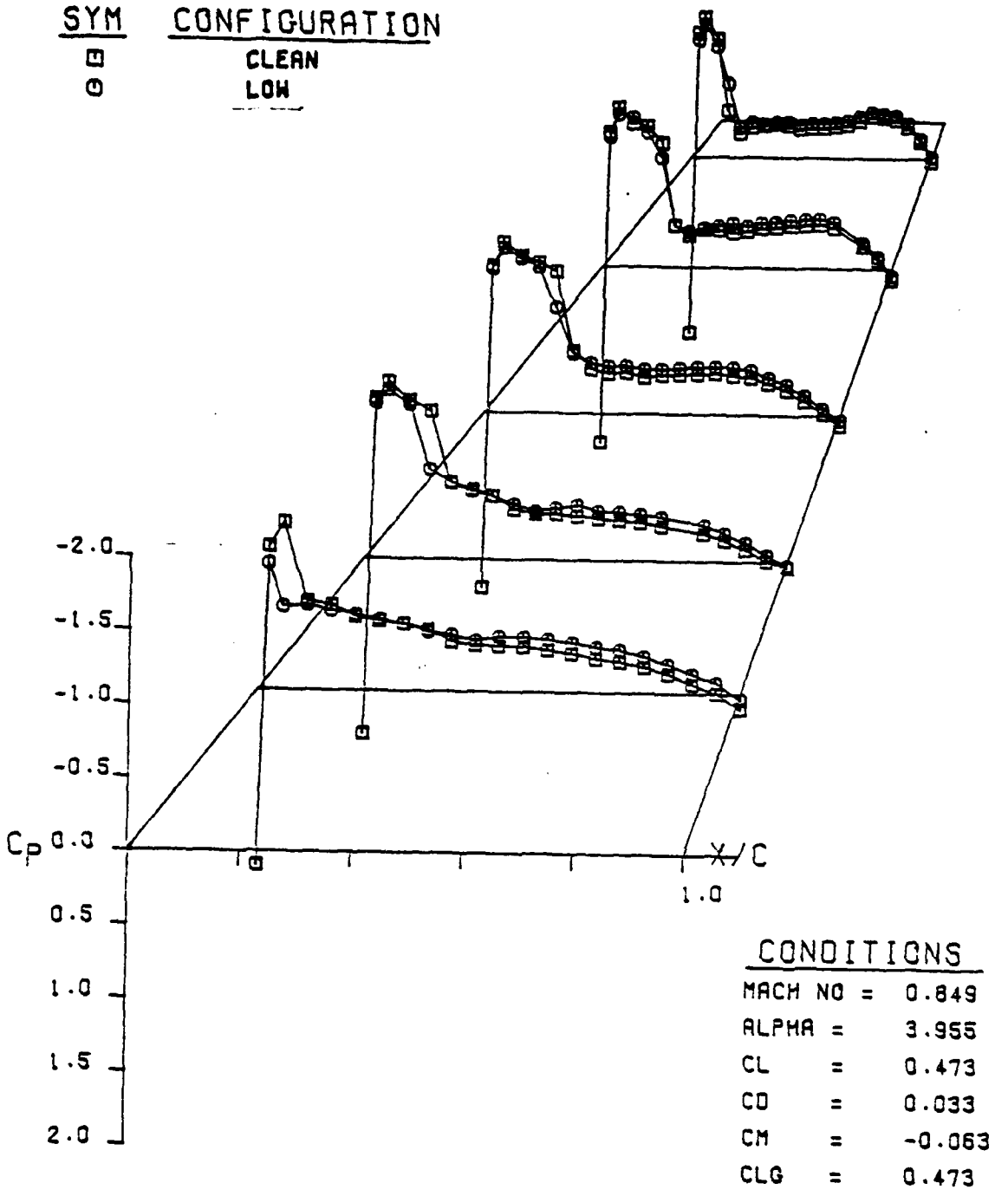
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS MID (LWR SURF ETA.60)
AFOSR SEMISPAN MODEL B



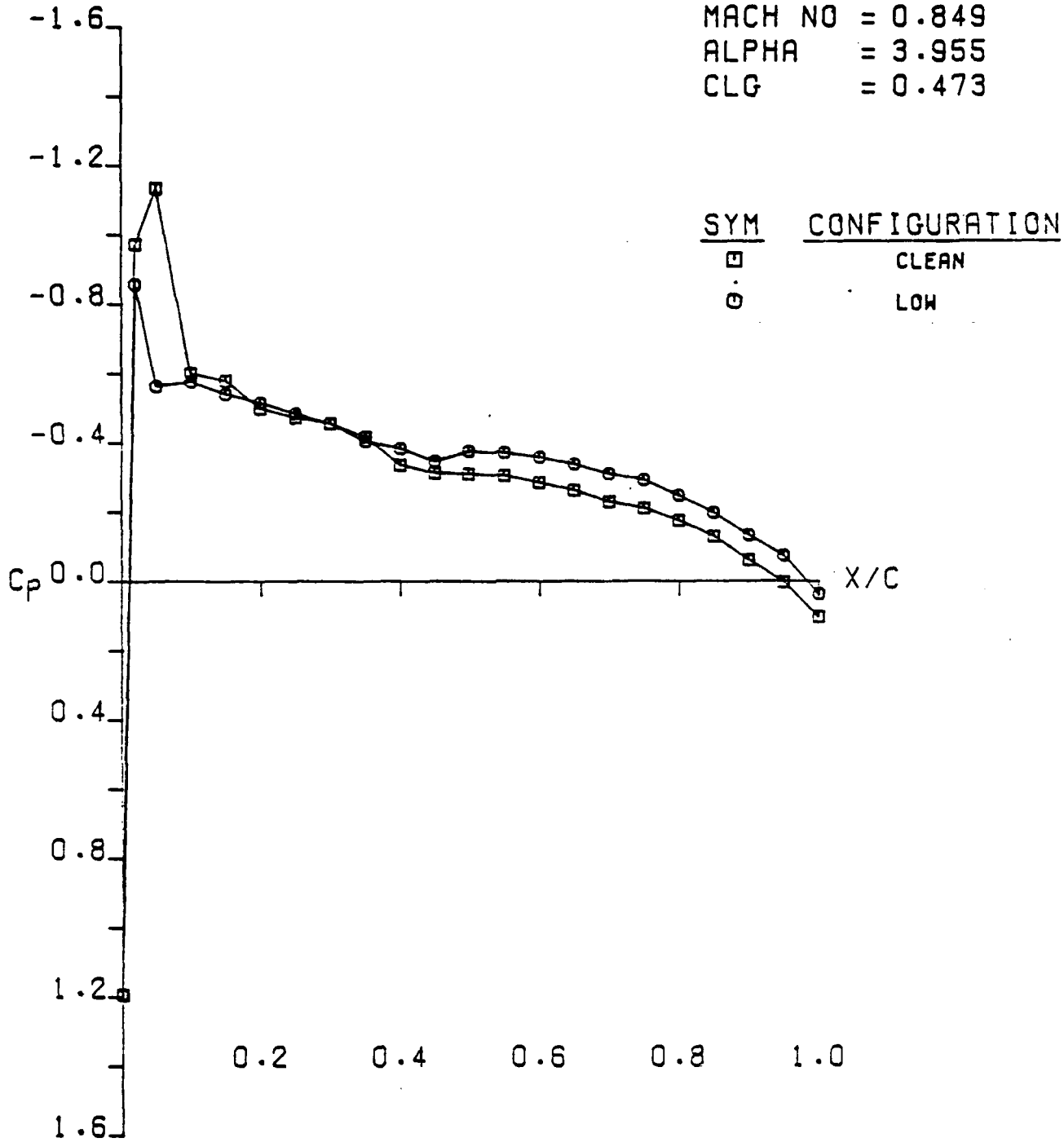
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS MID (LWR SURF ETA.8)
AFOSR SEMISPAN MODEL B



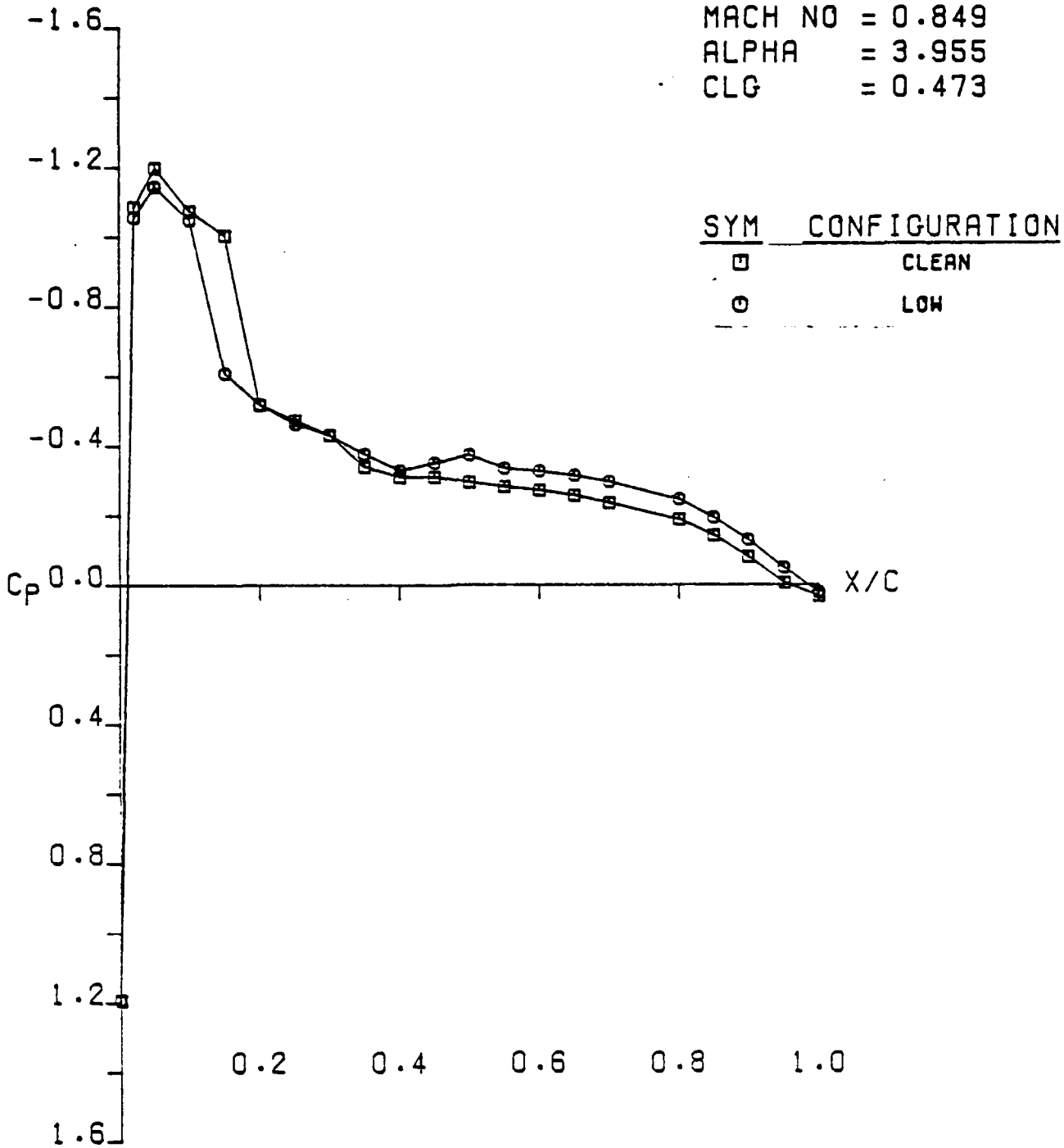
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS MID (LWR SURF ETA.95)
AFOSR SEMISPAN MODEL B



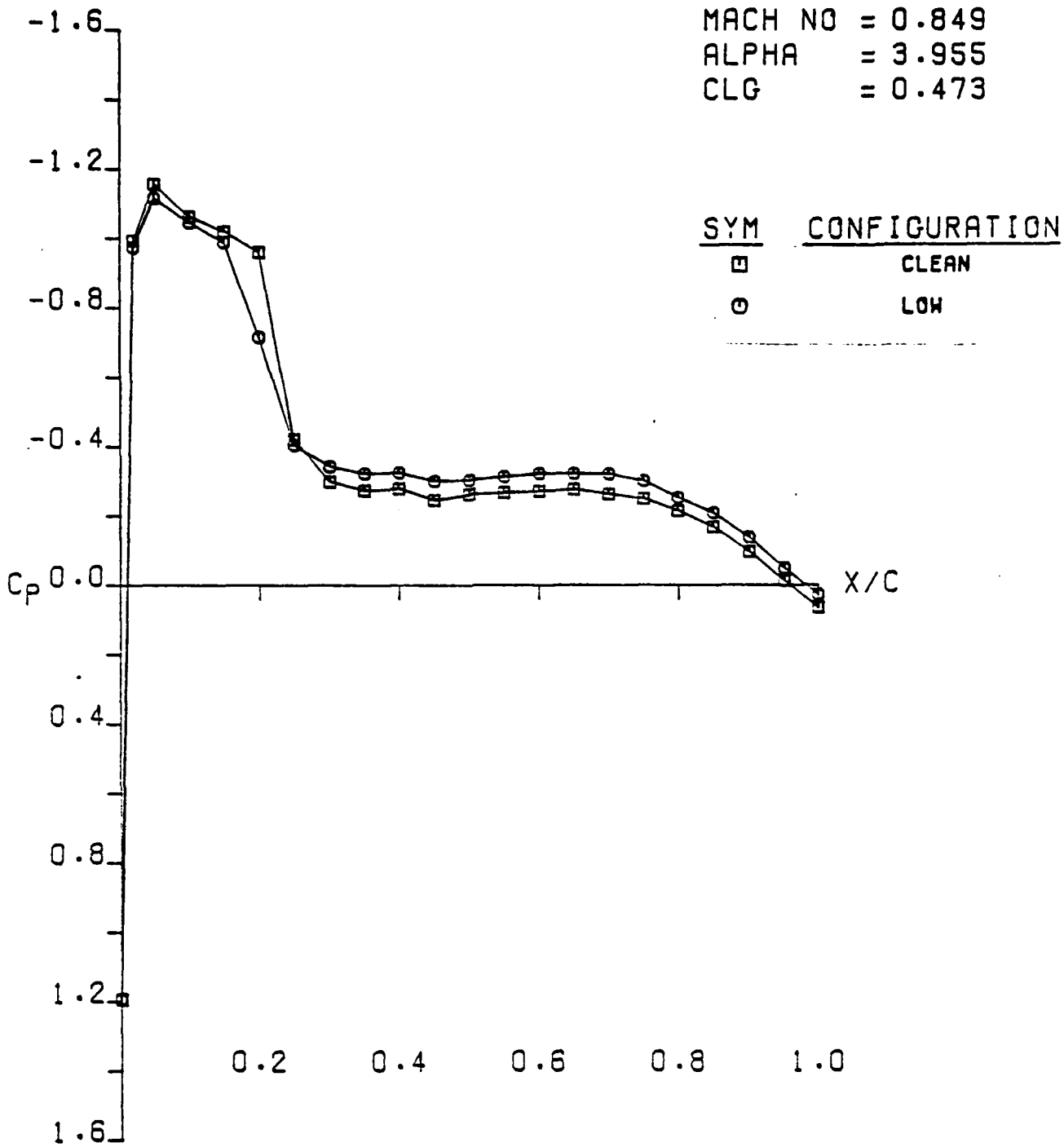
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS LOW (UPR SURF)
AFOSR SEMISPAN MODEL B



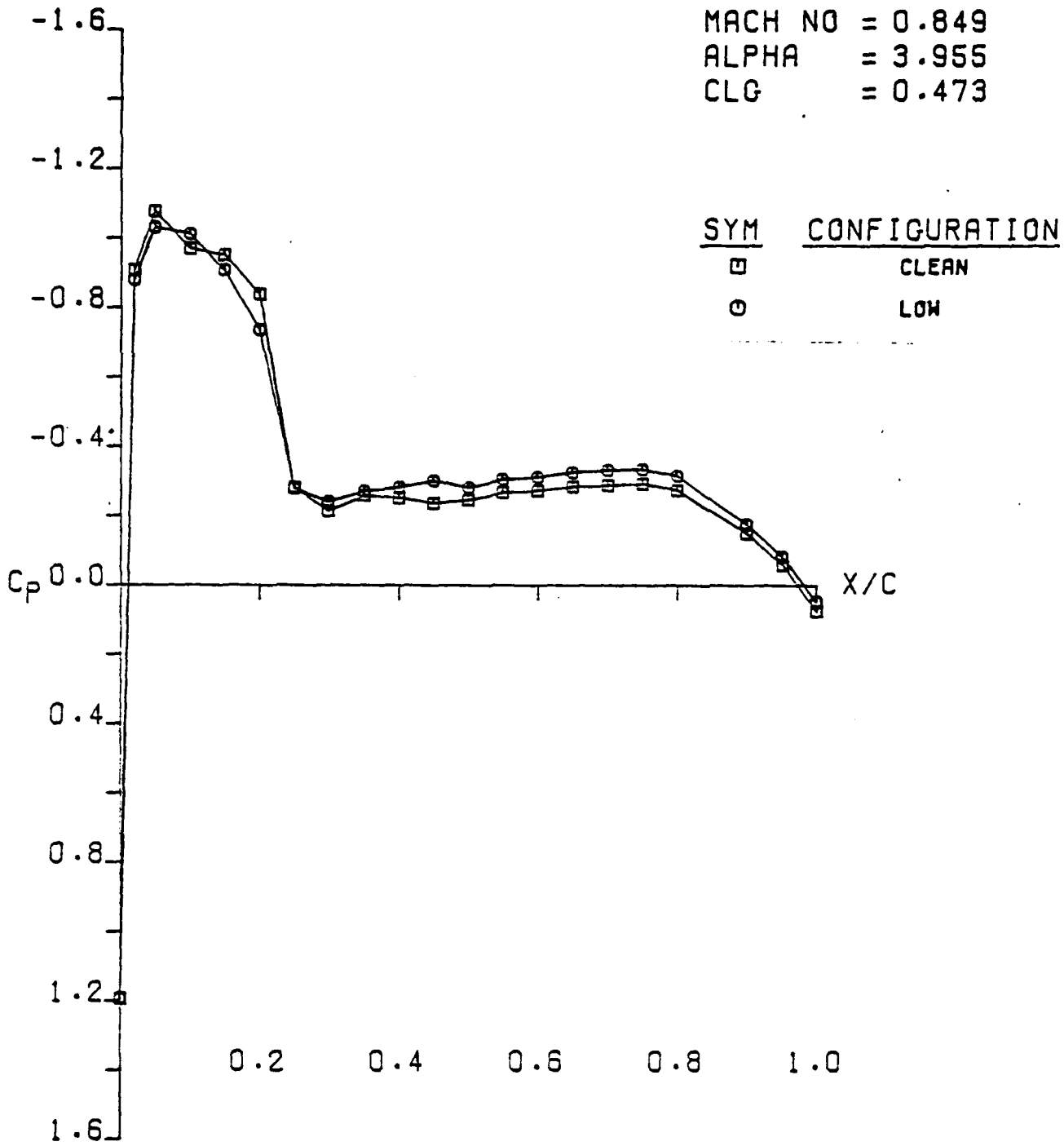
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS LOW (UPR SURF ETA.216)
AFOSR SEMISPAN MODEL B



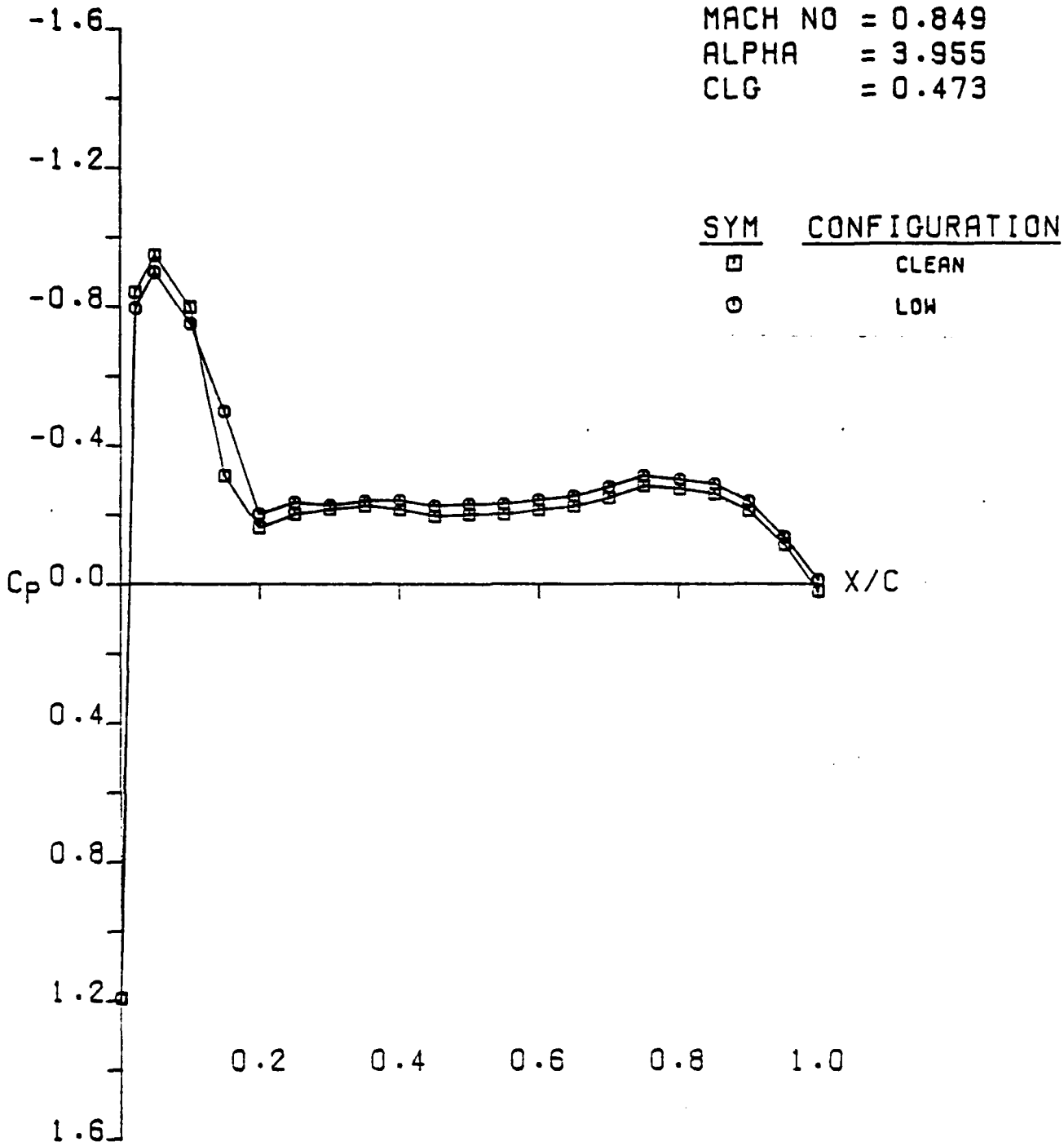
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS LOW (UPR SURF ETA .40)
AFOSR SEMISPAN MODEL B



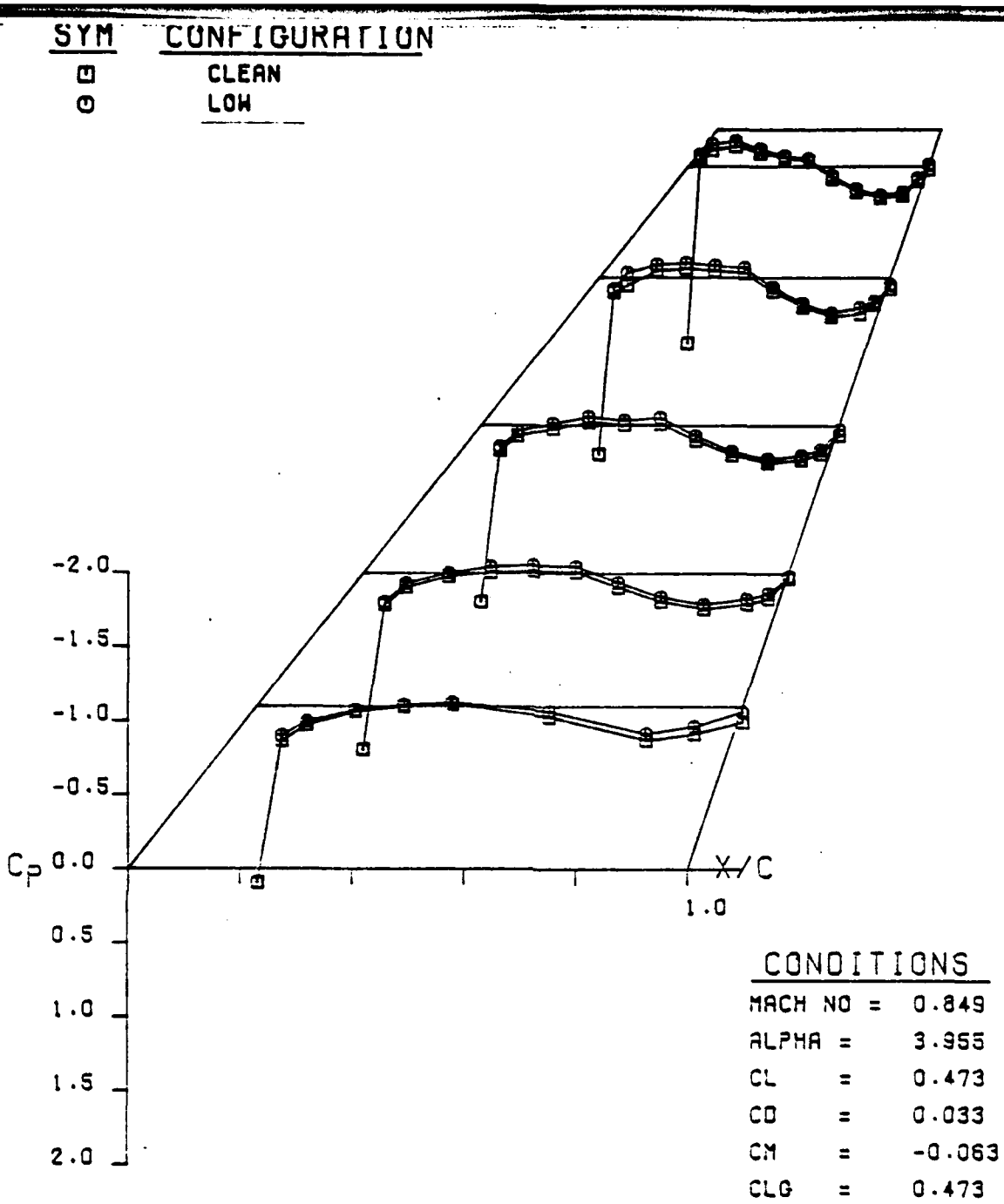
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS LOW (UPR SURF ETA .60)
AFOSR SEMISPAN MODEL B



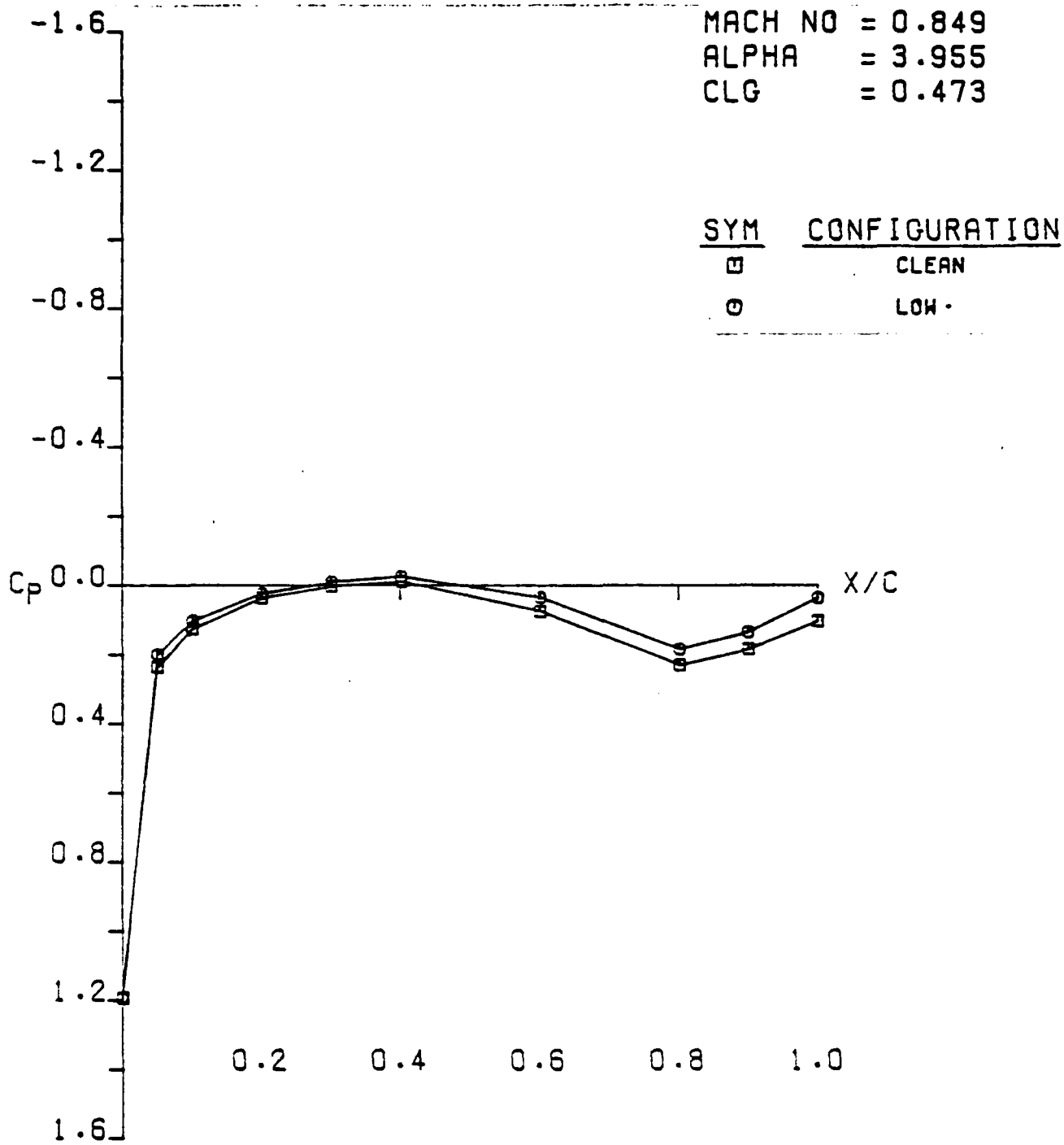
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS LOW (UPR SURF ETA .8)
AFOSR SEMISPAN MODEL B



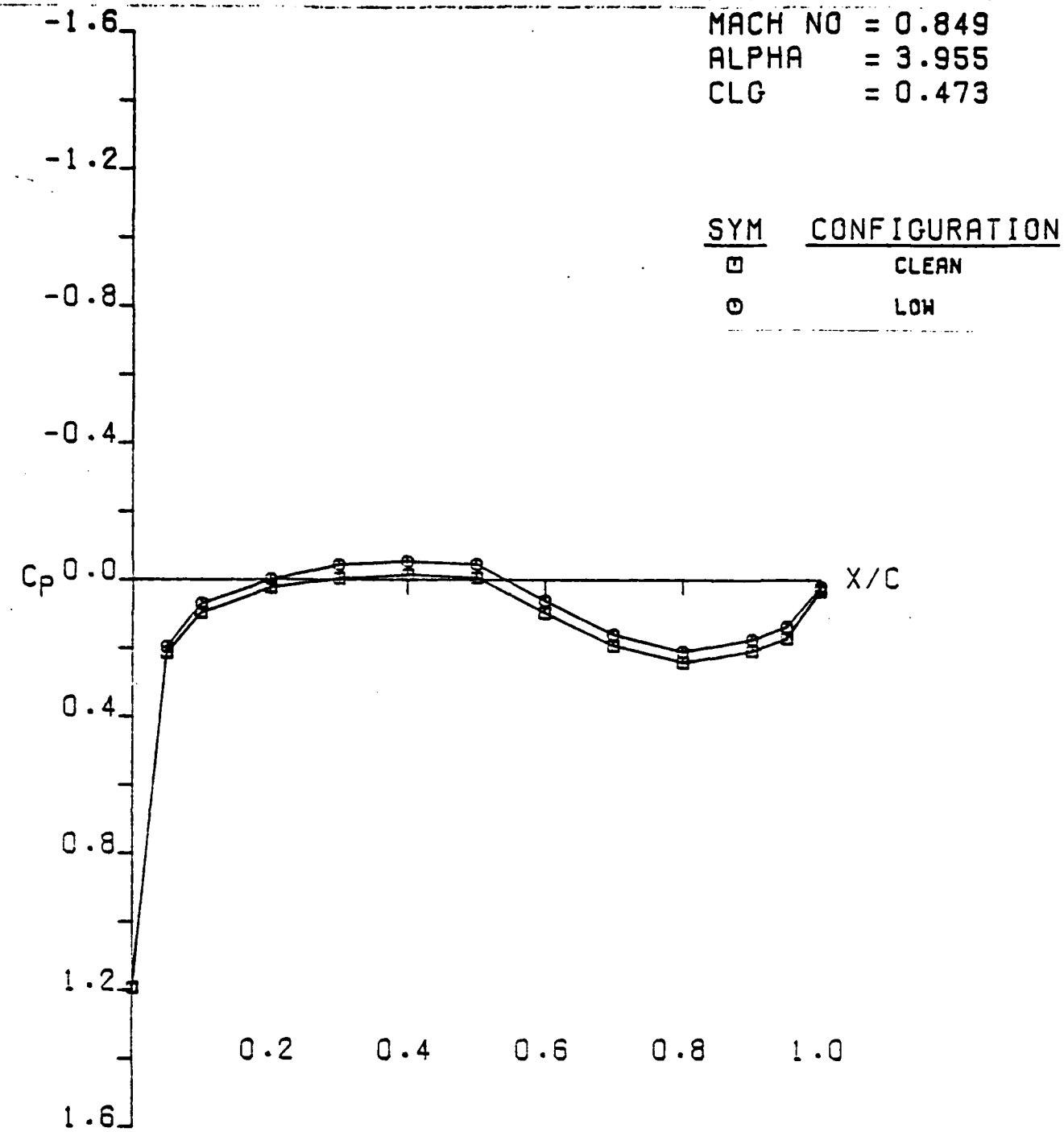
LOCKHEED CFWT SEMI-SPAN TEST. RUN 16
CLN VS LOW (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL B



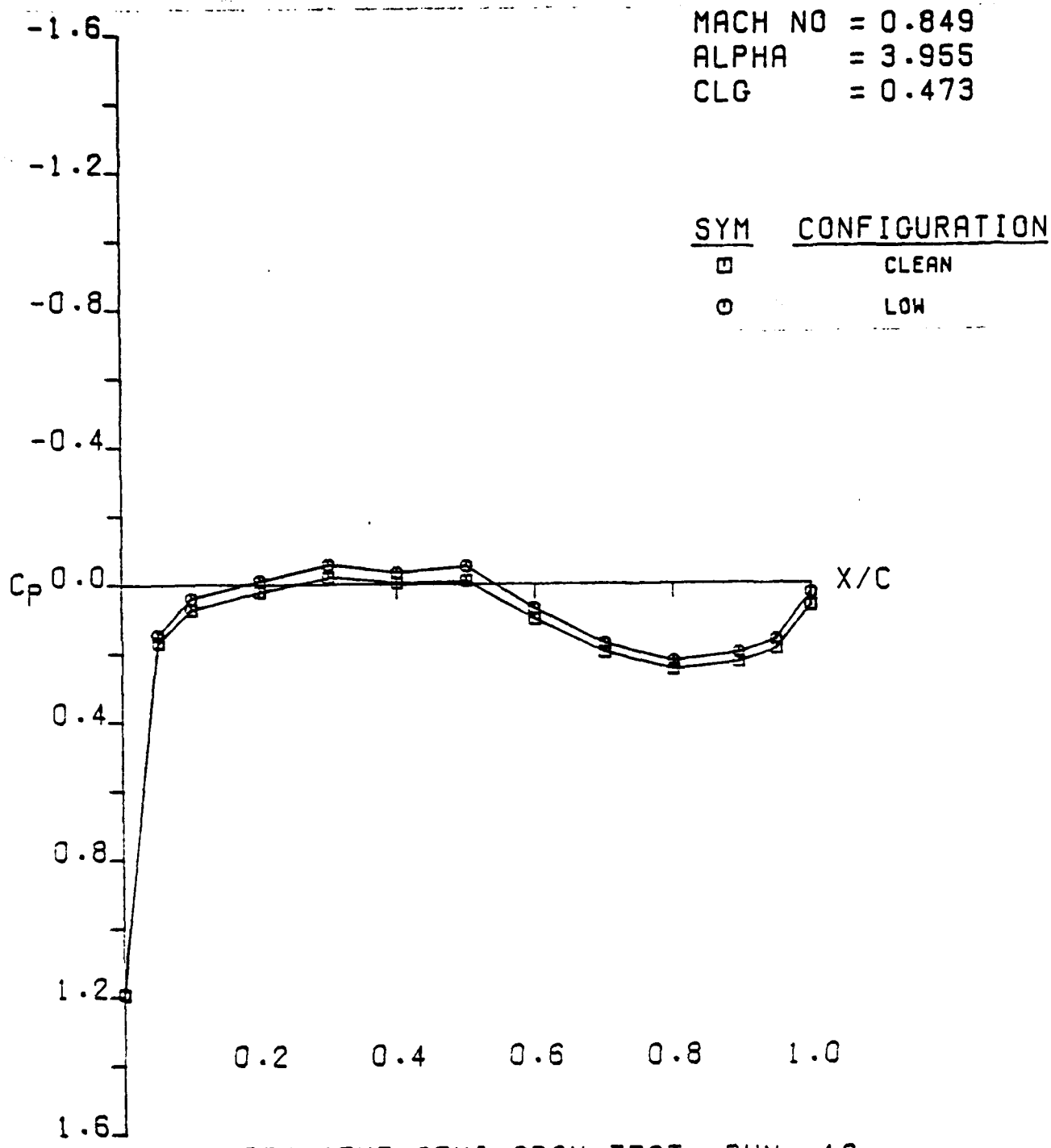
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS LOW (LWR SURF)
AFOSR SEMISPAN MODEL B



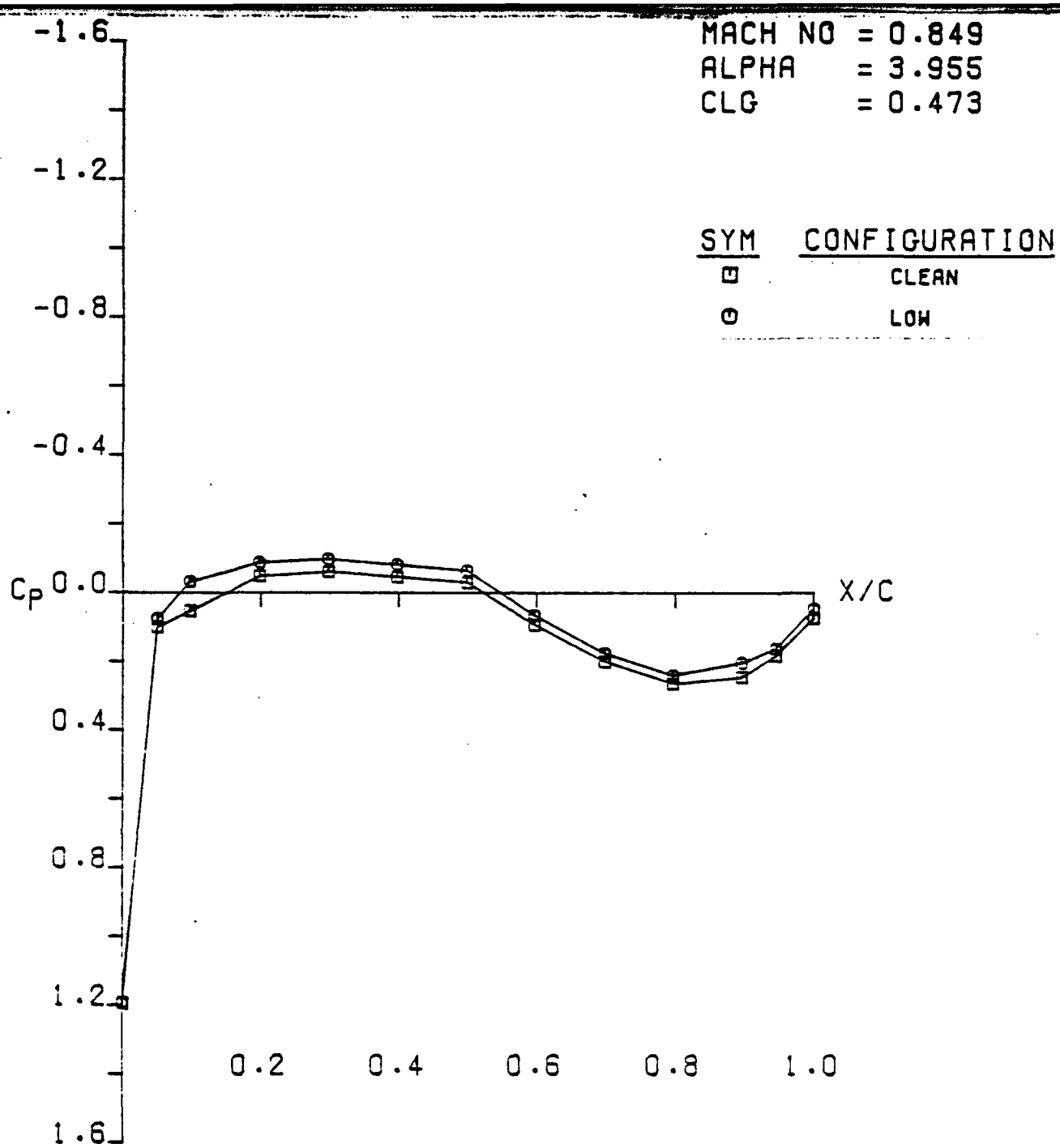
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS LOW (LWR SURF ETA.216)
AFOSR SEMISPAN MODEL B



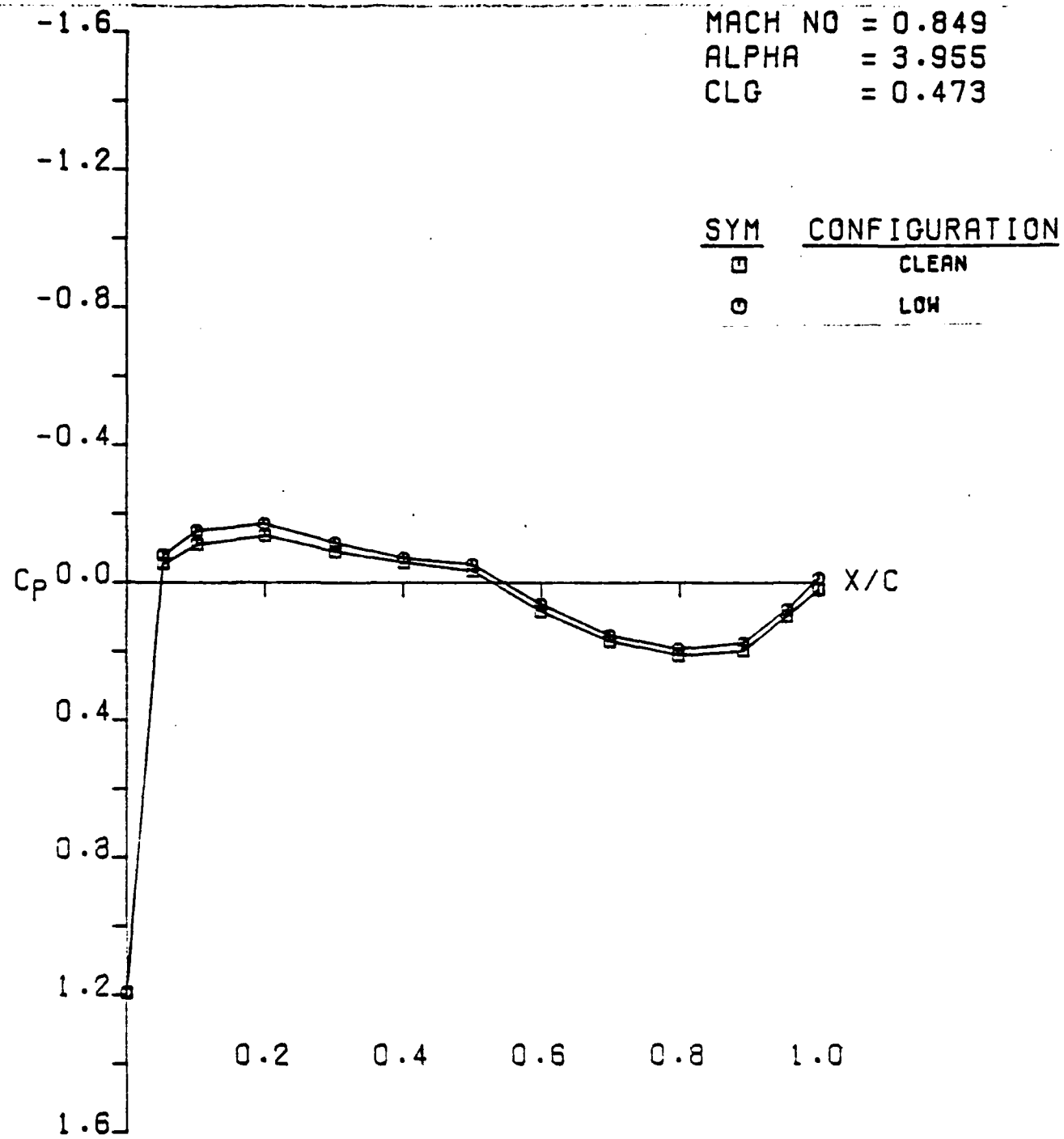
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS LOW (LWR SURF ETA.4)
AFOSR SEMISPAN MODEL B



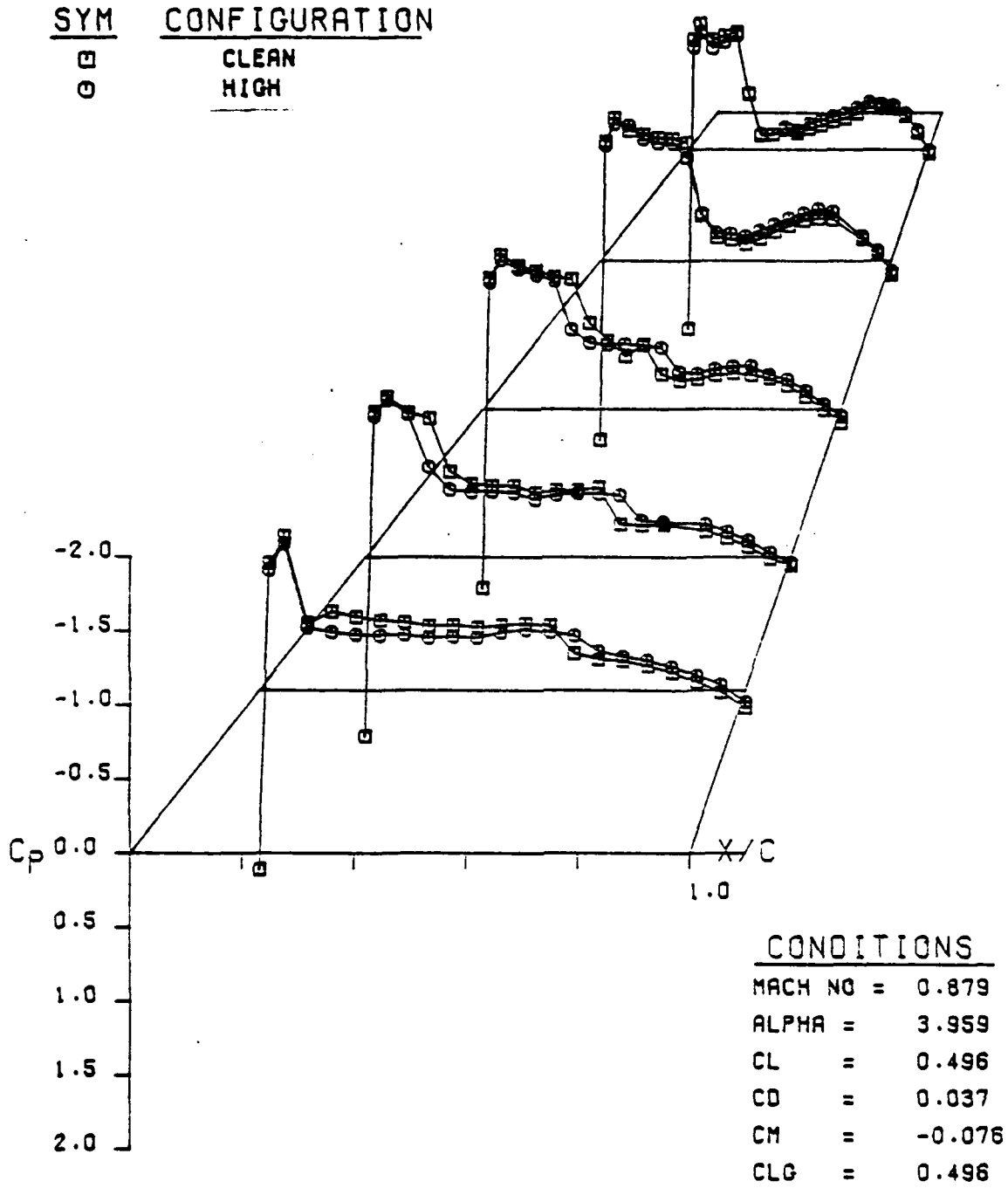
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS LOW (LWR SURF ETA.60)
AFOSR SEMISPAN MODEL B



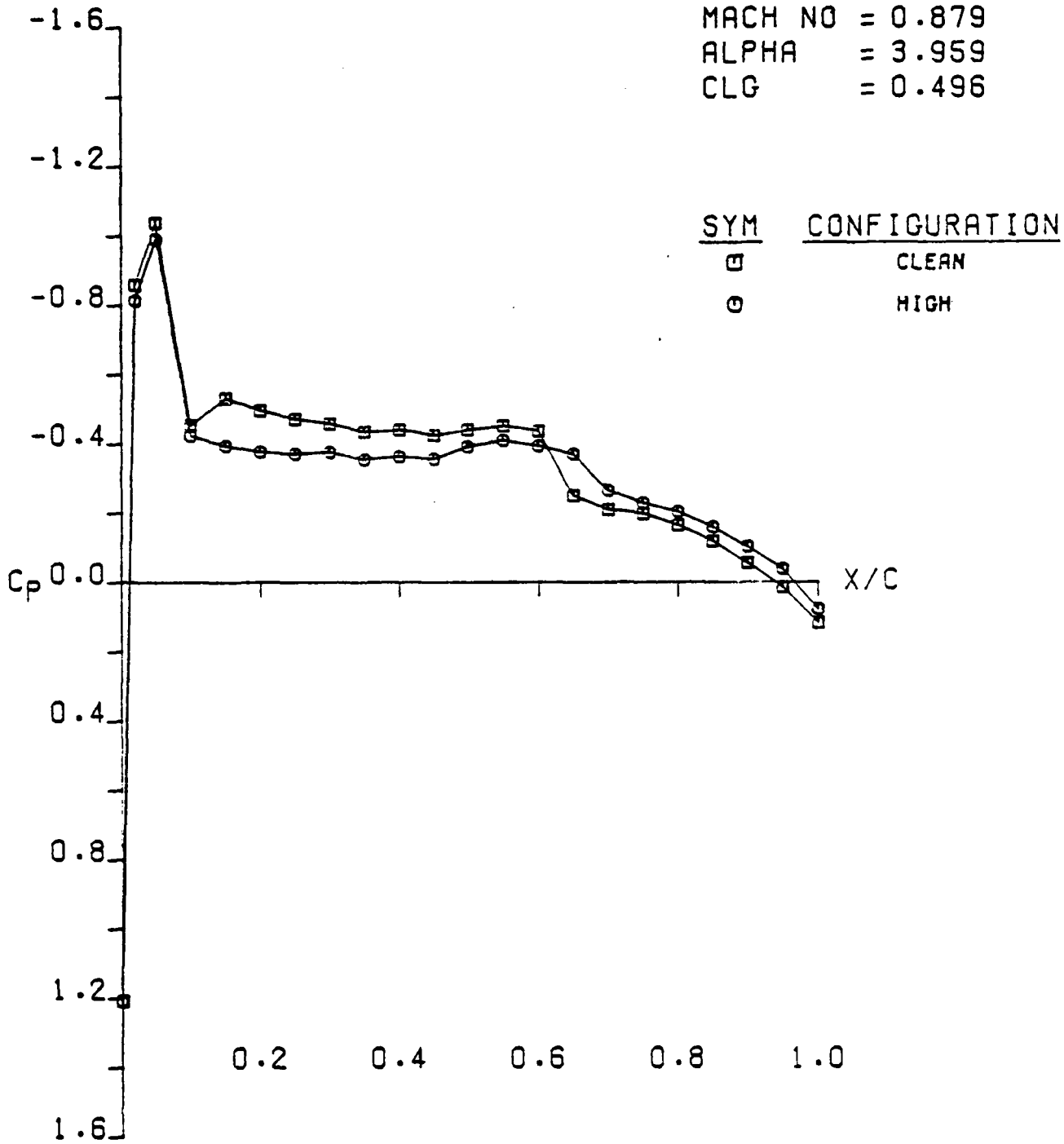
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS LOW (LWR SURF ETA.8)
AFOSR SEMISPAN MODEL B



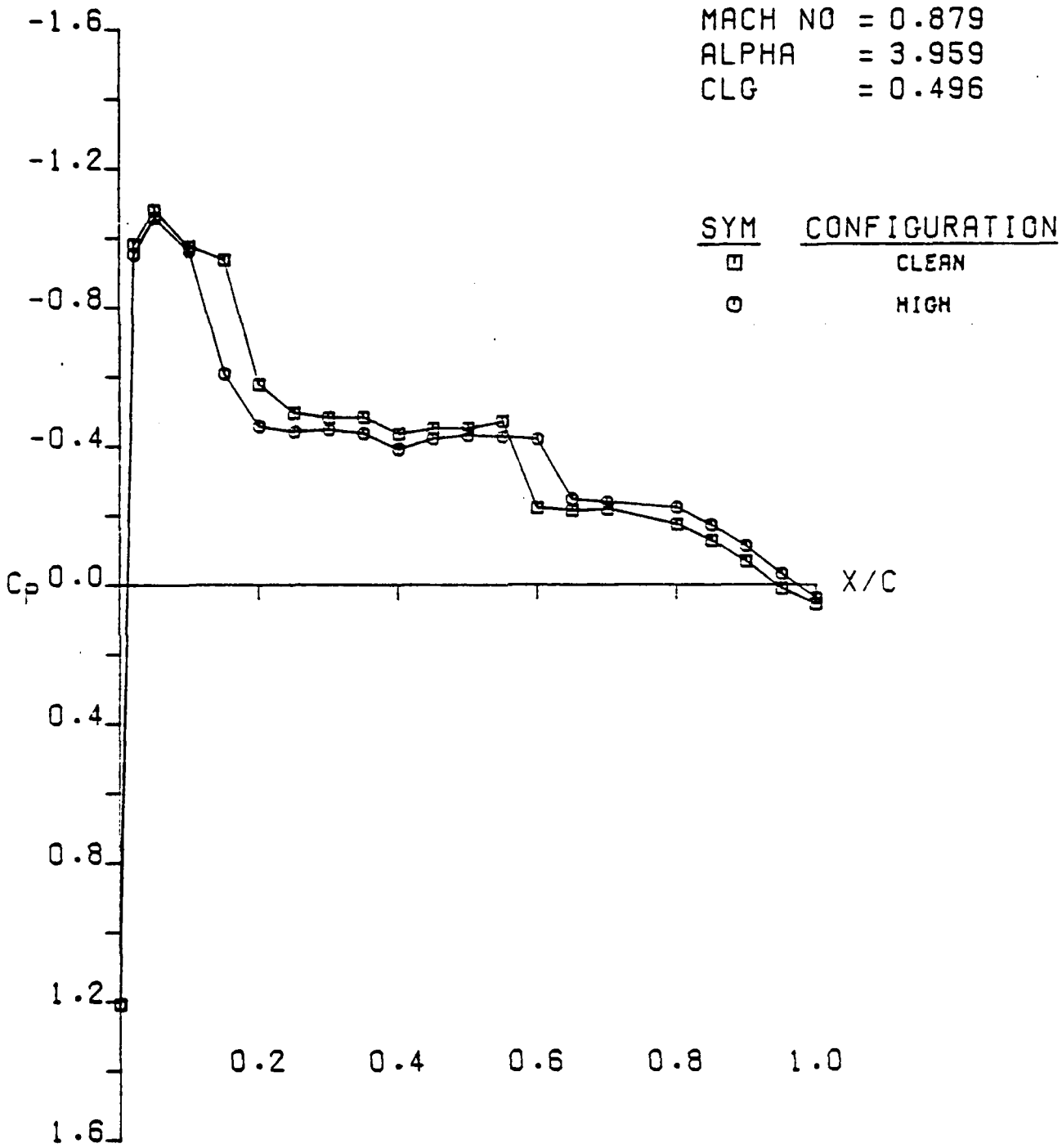
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
CLN VS LOW (LWR SURF ETA.95)
AFOSR SEMISPAN MODEL B



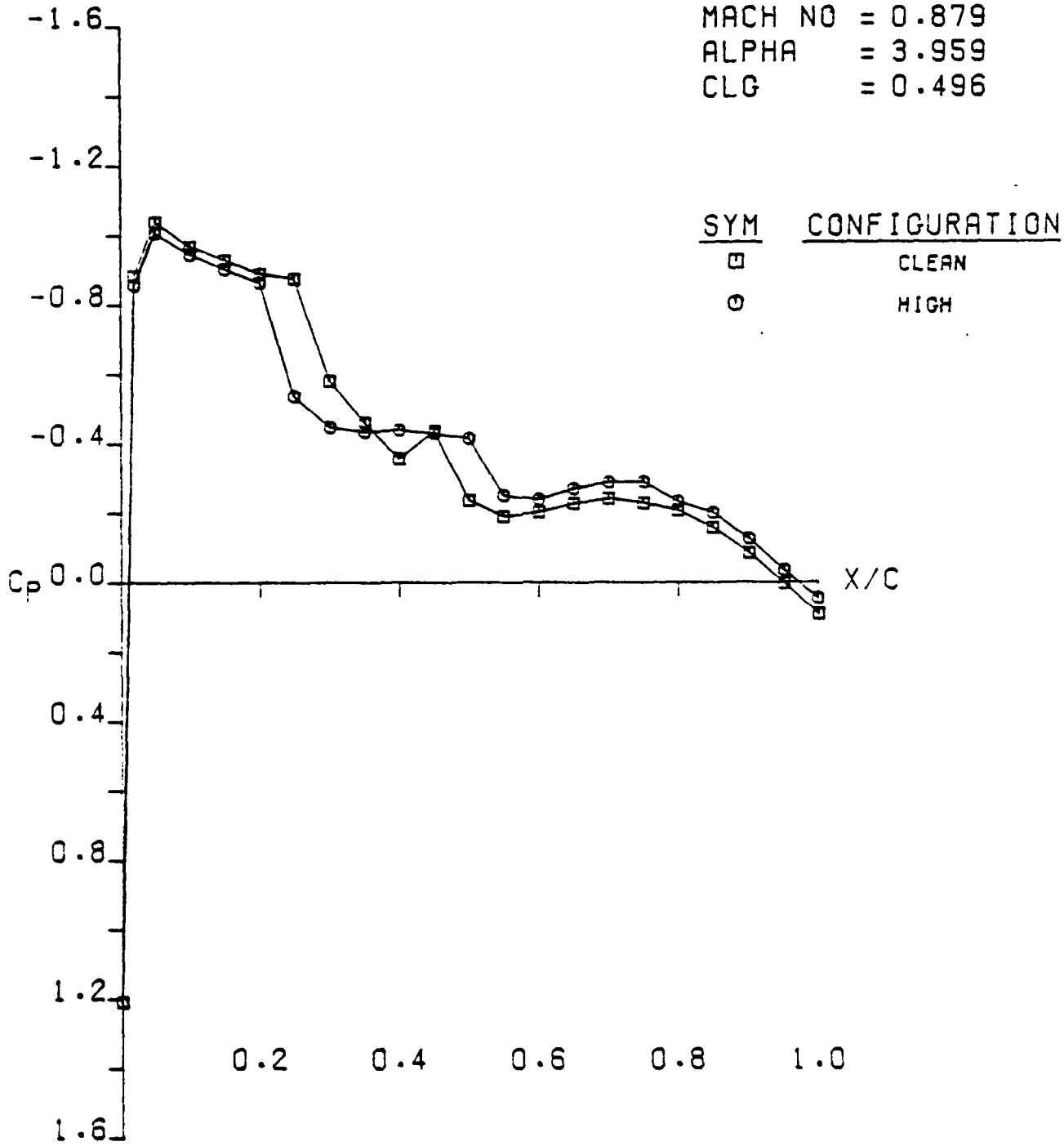
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS HIGH (UPR SURF)
AFOSR SEMISPAN MODEL B



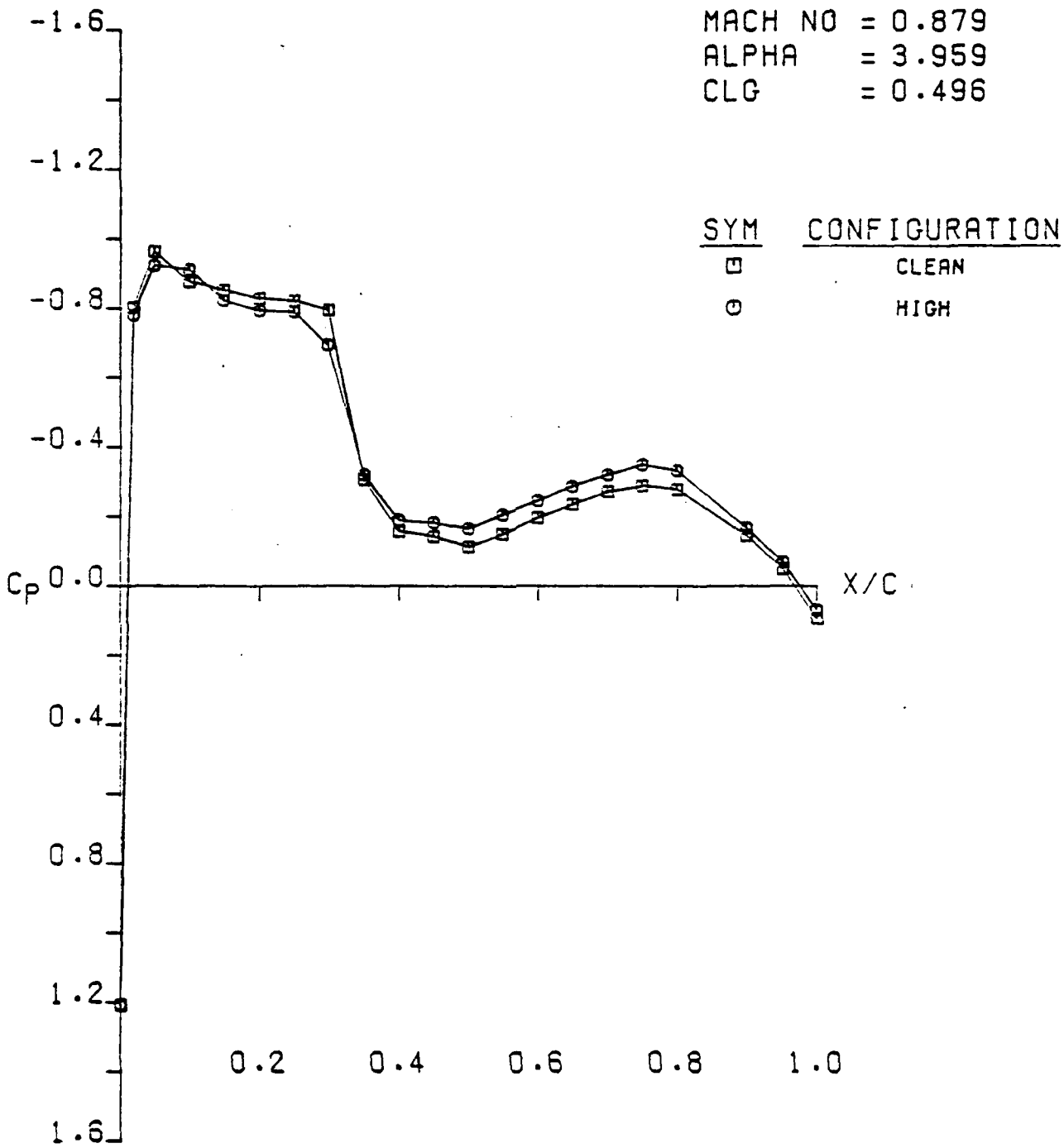
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS HIGH (UPR SURF ETA.216)
AFOSR SEMISPAN MODEL 8



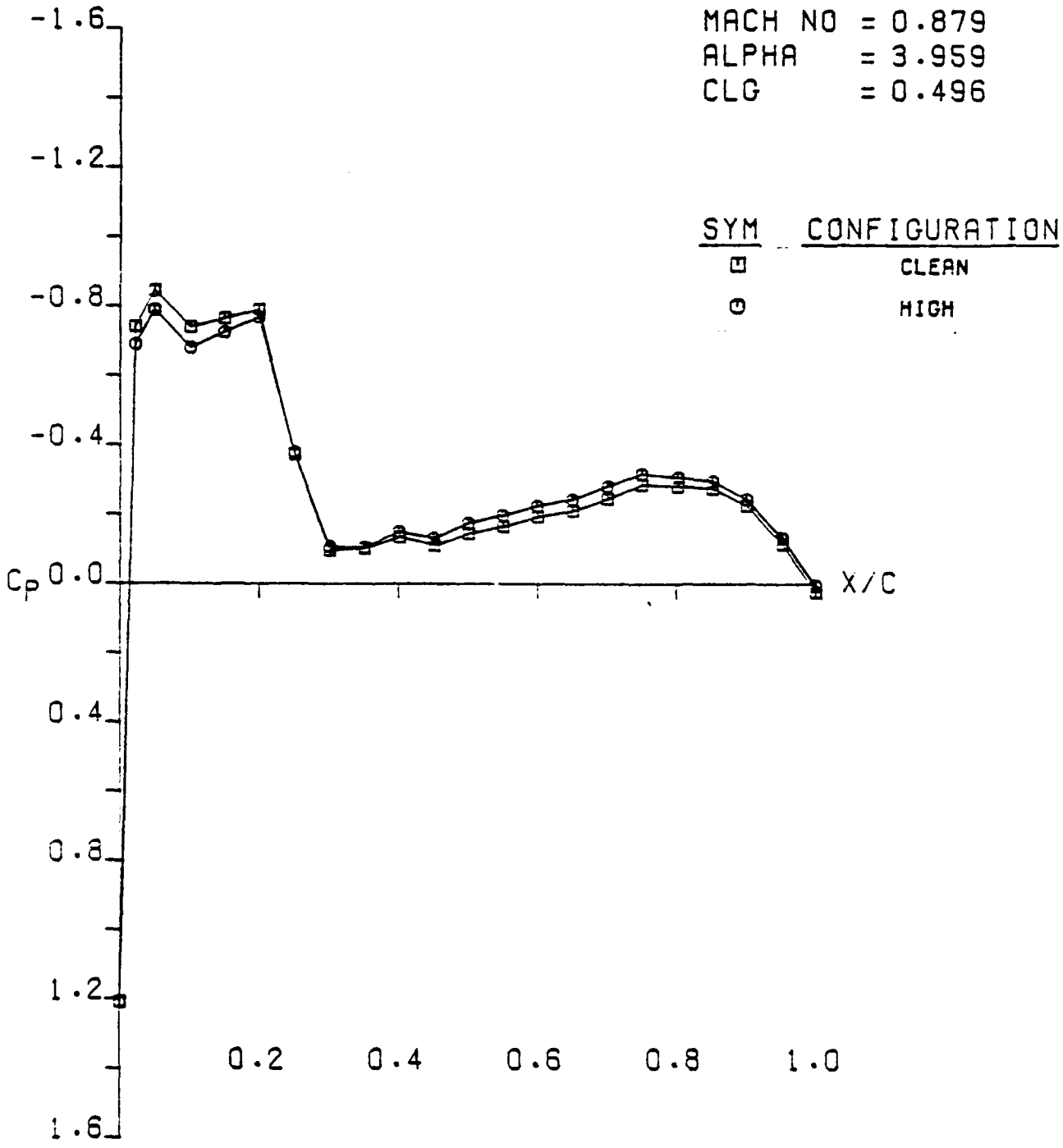
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS HIGH (UPR SURF ETA .40)
AFOSR SEMISPAN MODEL B



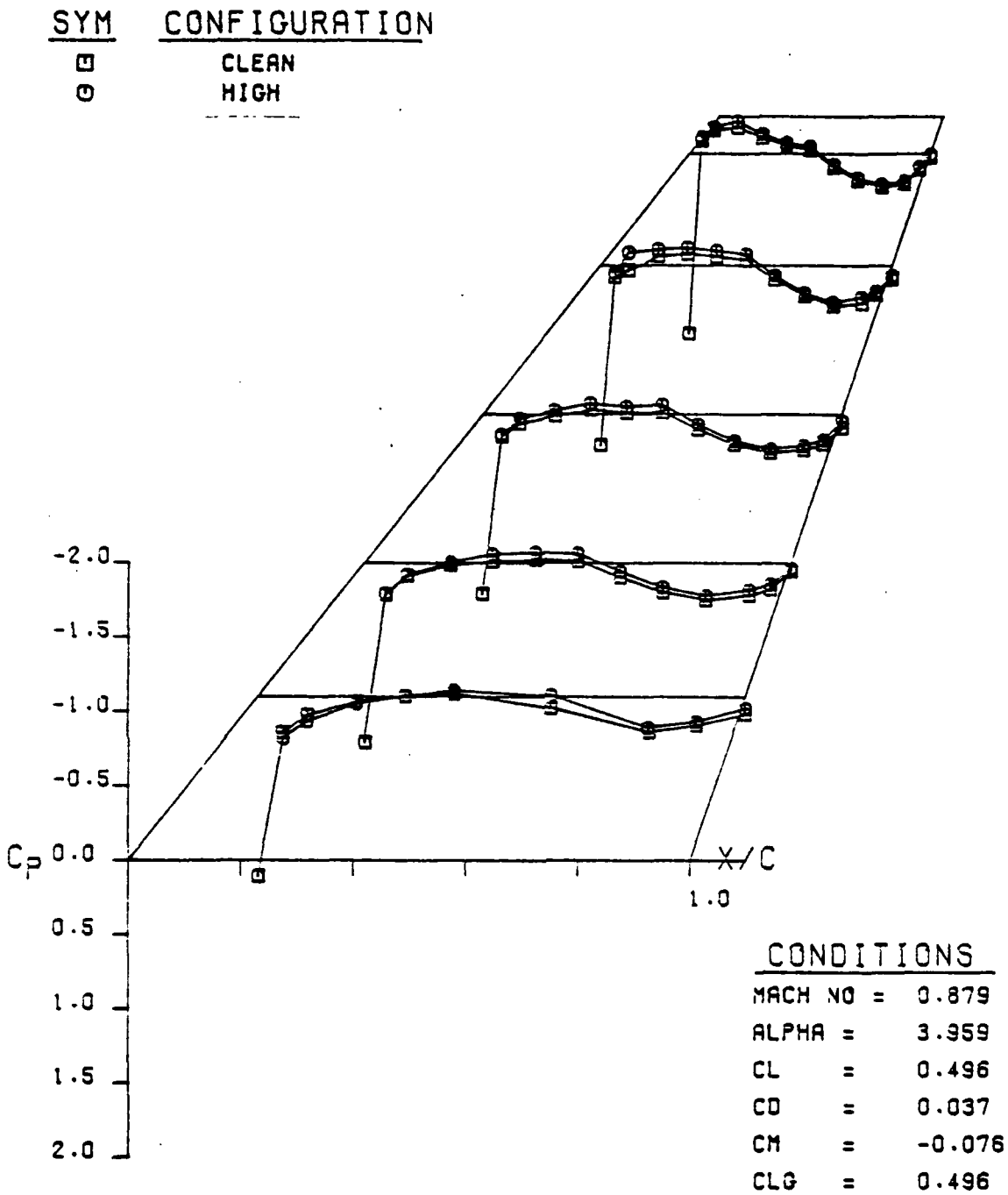
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS HIGH (UPR SURF ETA .60)
AFOSR SEMISPAN MODEL B



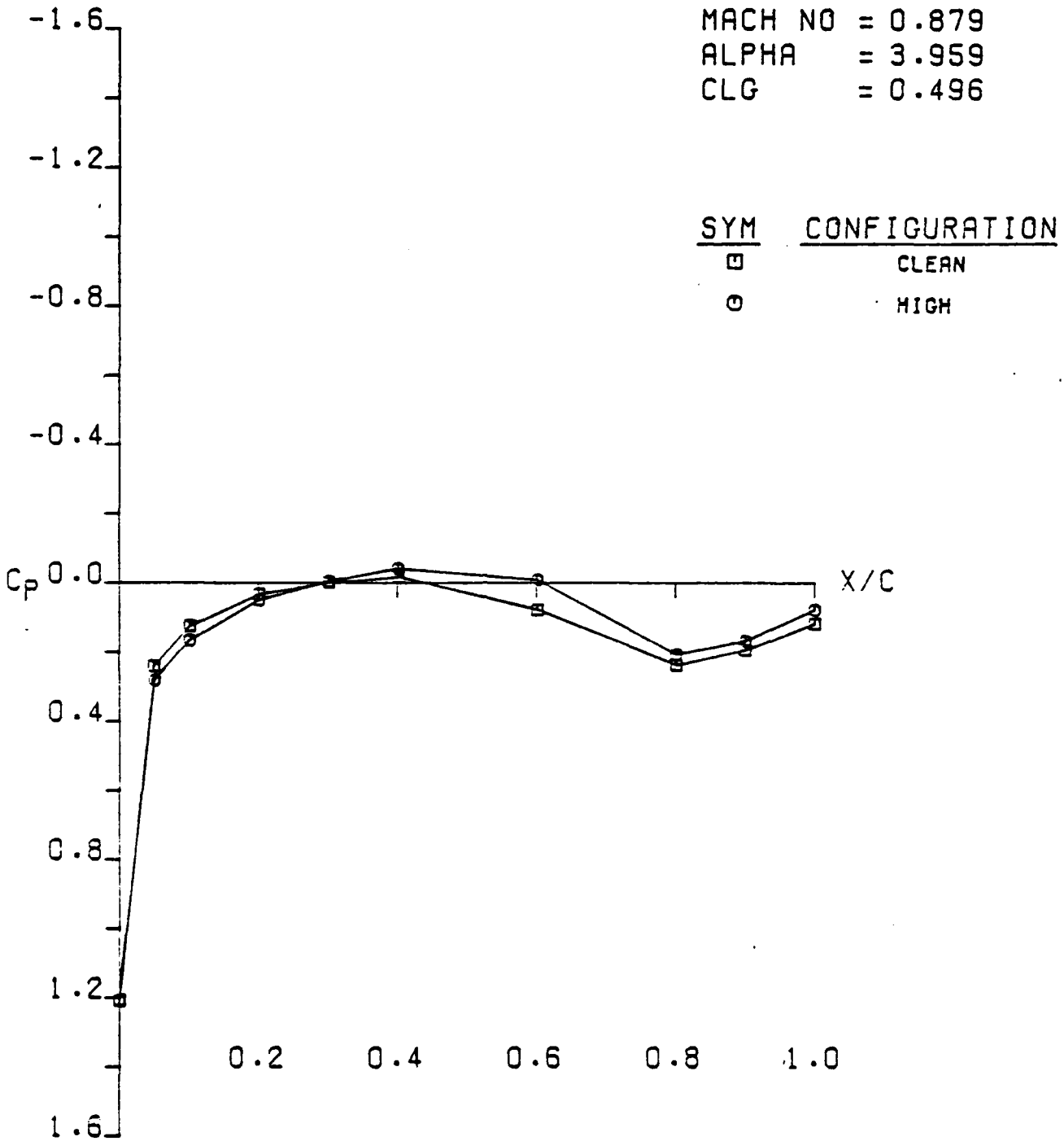
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS HIGH (UPR SURF ETA .8)
AFOSR SEMISPAN MODEL 8



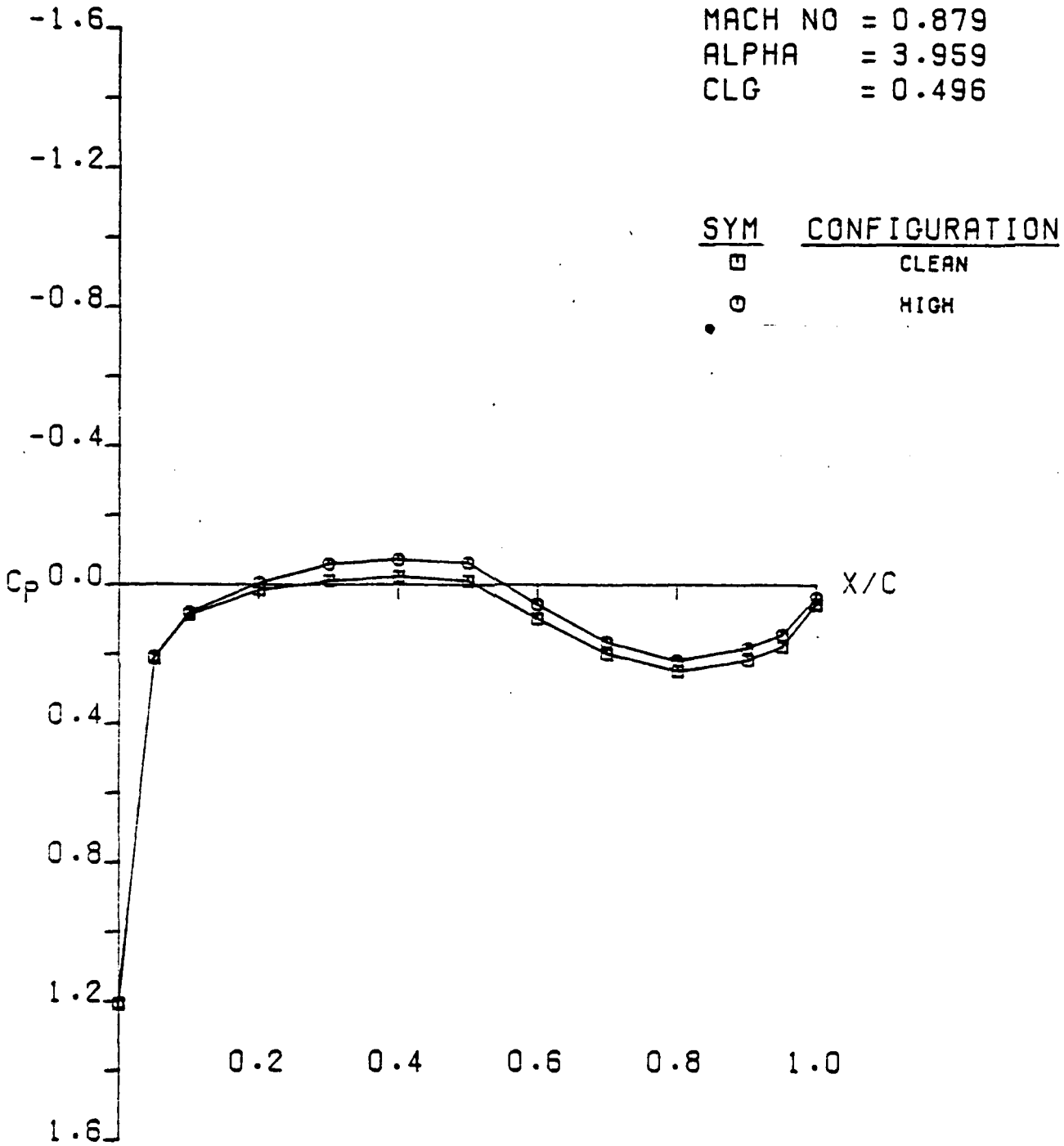
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS HIGH (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL B



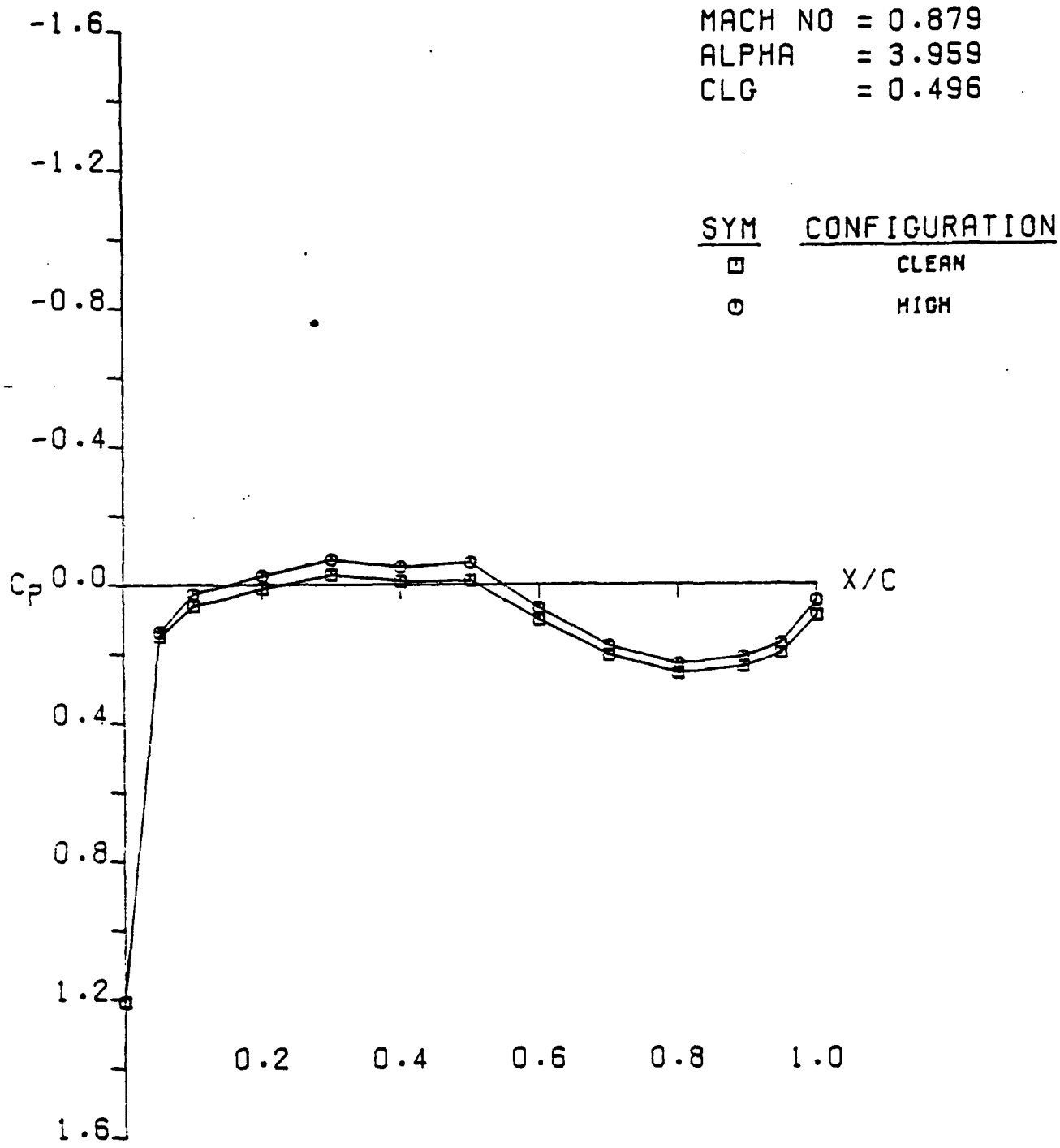
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS HIGH (LWR SURF)
AFOSR SEMISPAN MODEL 8



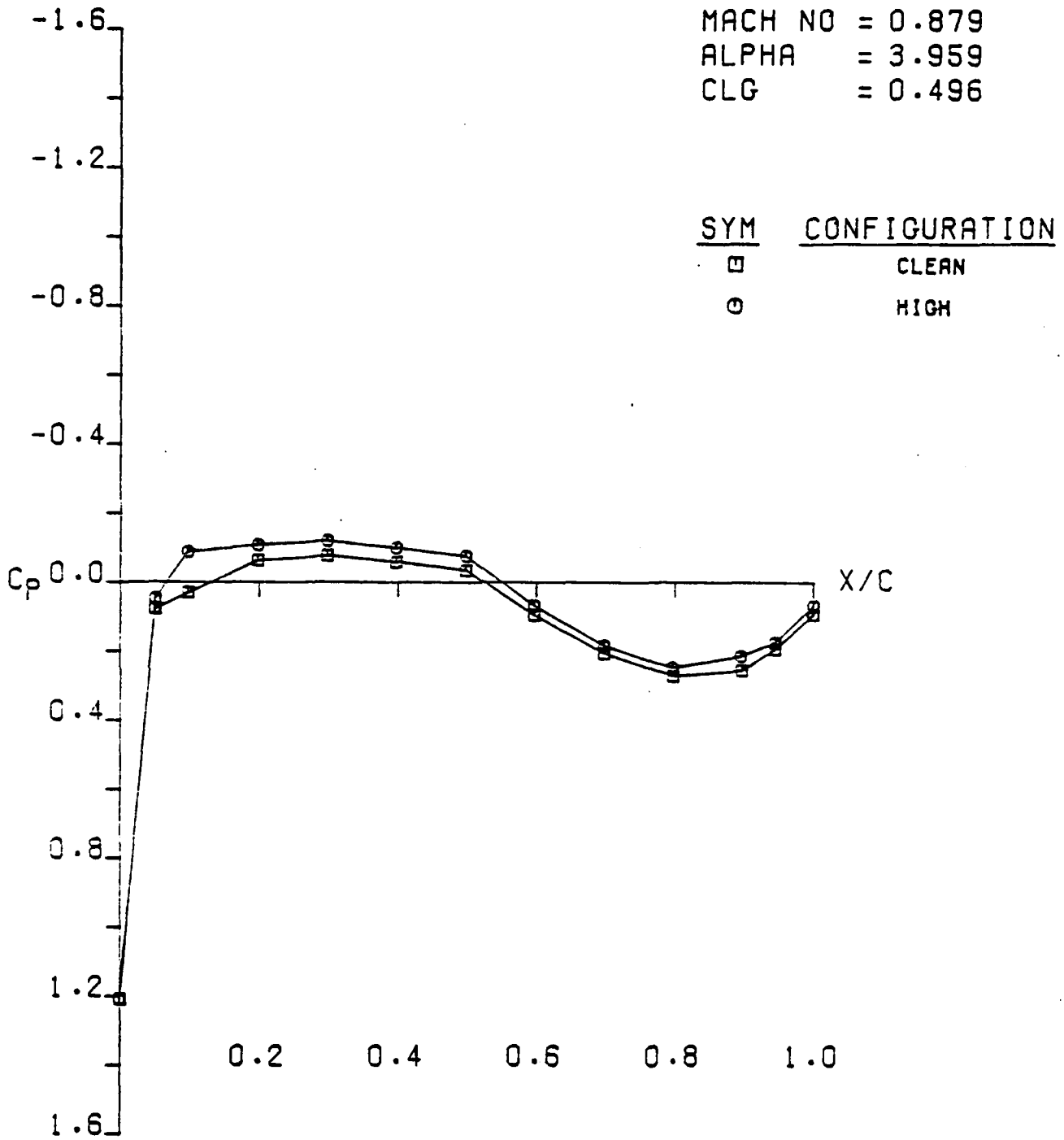
LOCKHEED CFWT SEMI-SPAN TEST. RUN 65
CLN VS HIGH (LWR SURF ETA.216)
AFOSR SEMISPAN MODEL B



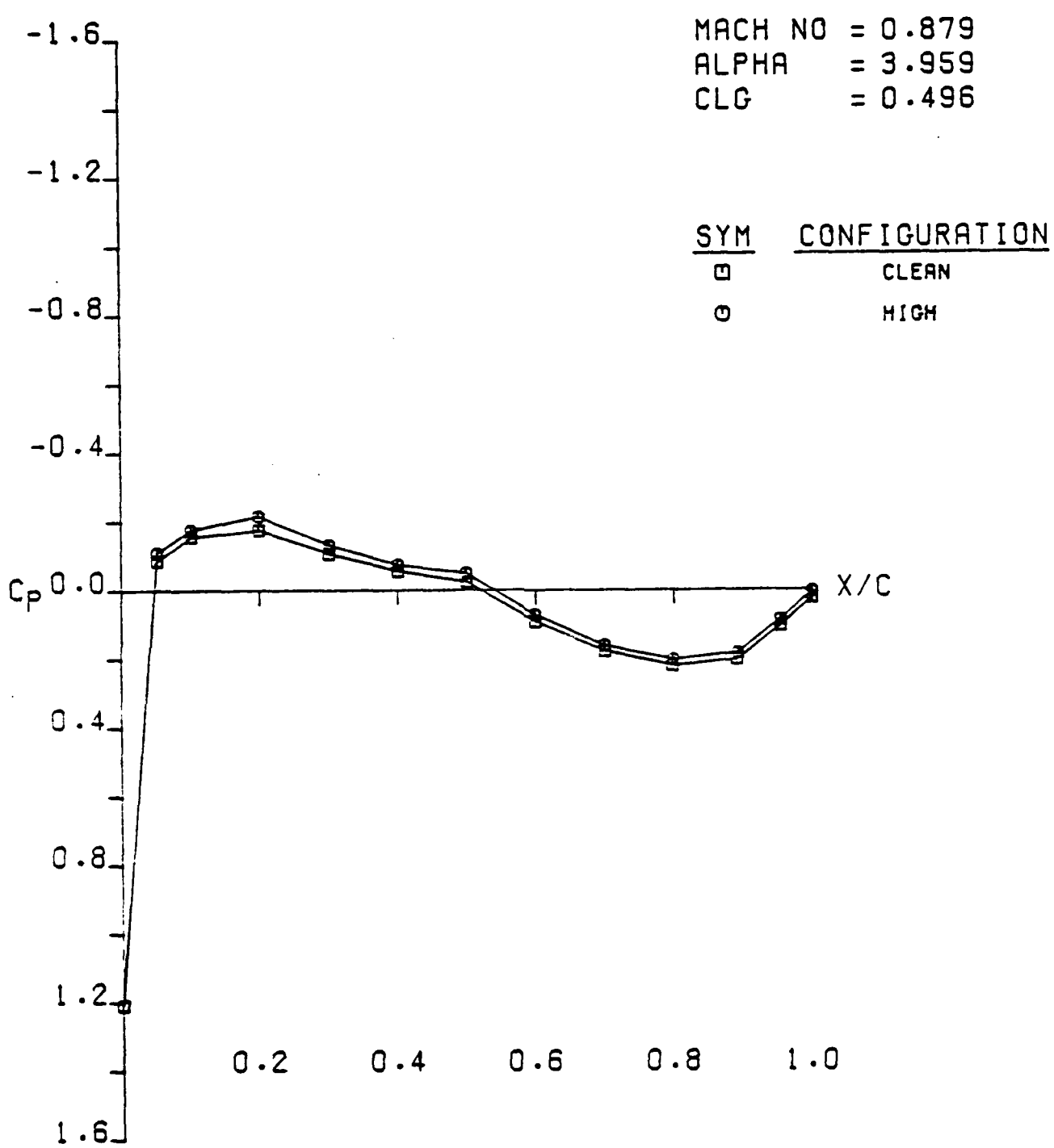
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS HIGH (LWR SURF ETA.4)
AFOSR SEMISPAN MODEL B



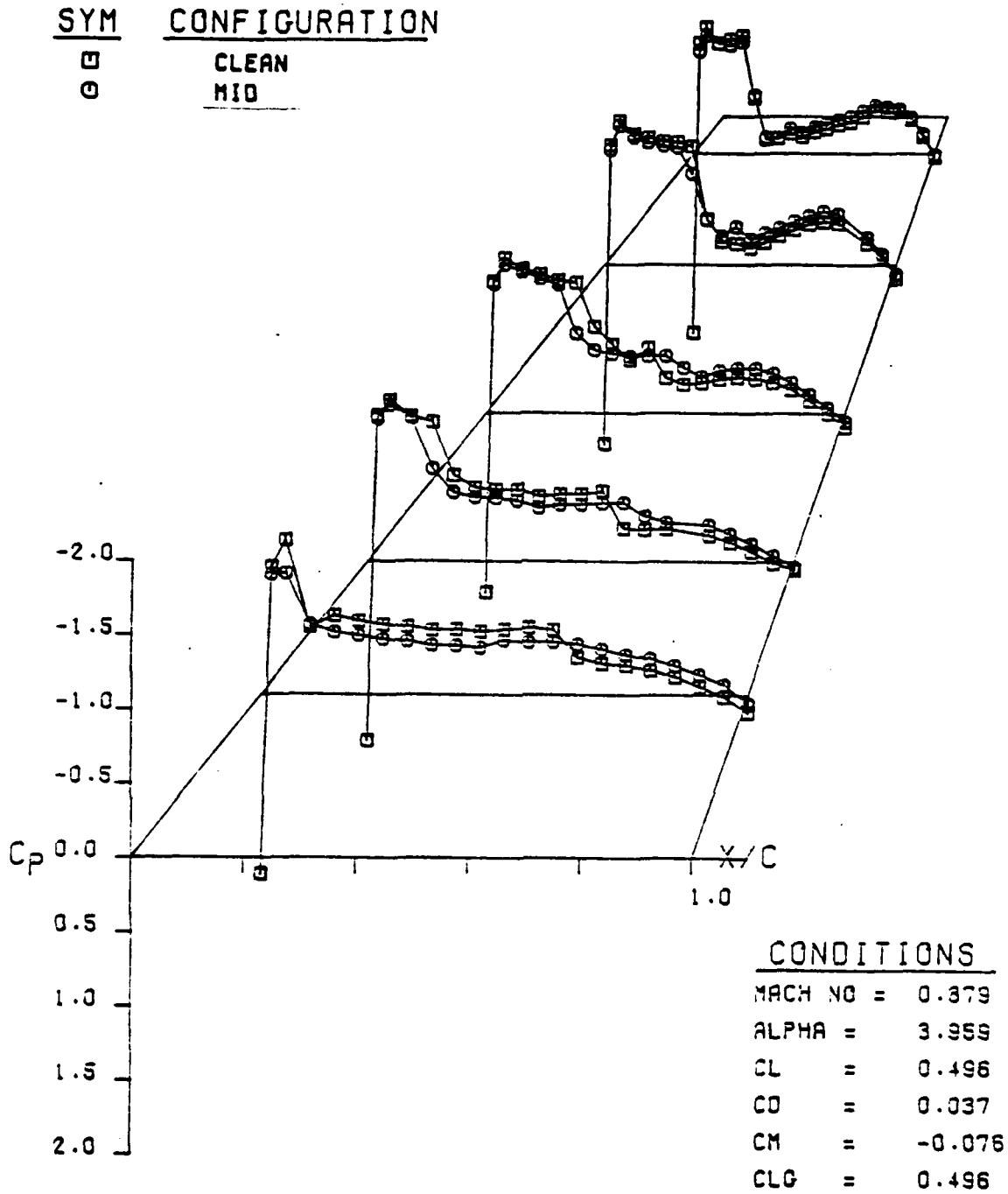
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS HIGH (LWR SURF ETA.60)
AFOSR SEMISPAN MODEL B



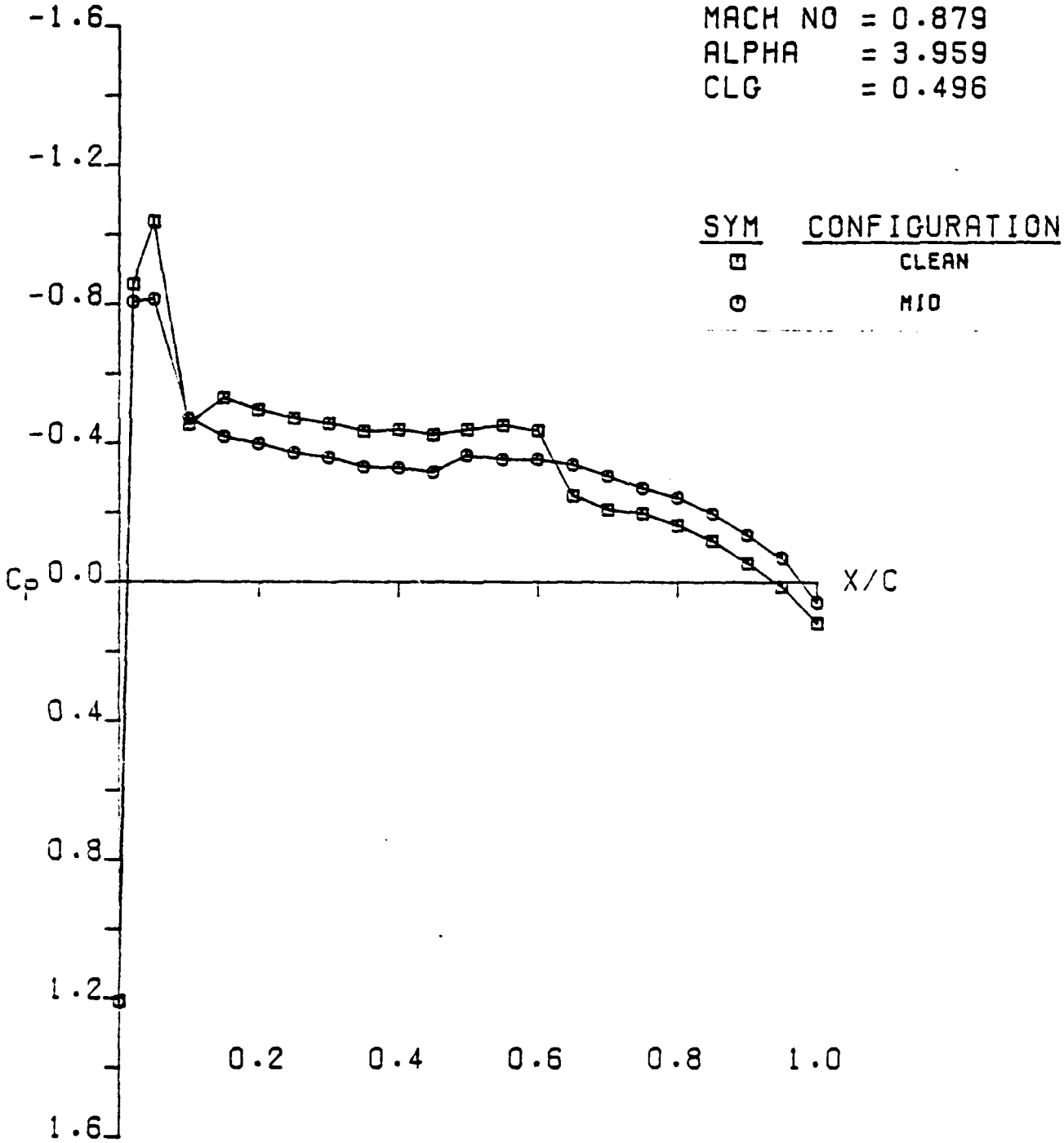
LOCKHEED CFWT SEMI-SPAN TEST. RUN 65
CLN VS HIGH (LWR SURF ETA.8)
AFOSR SEMISPAN MODEL B



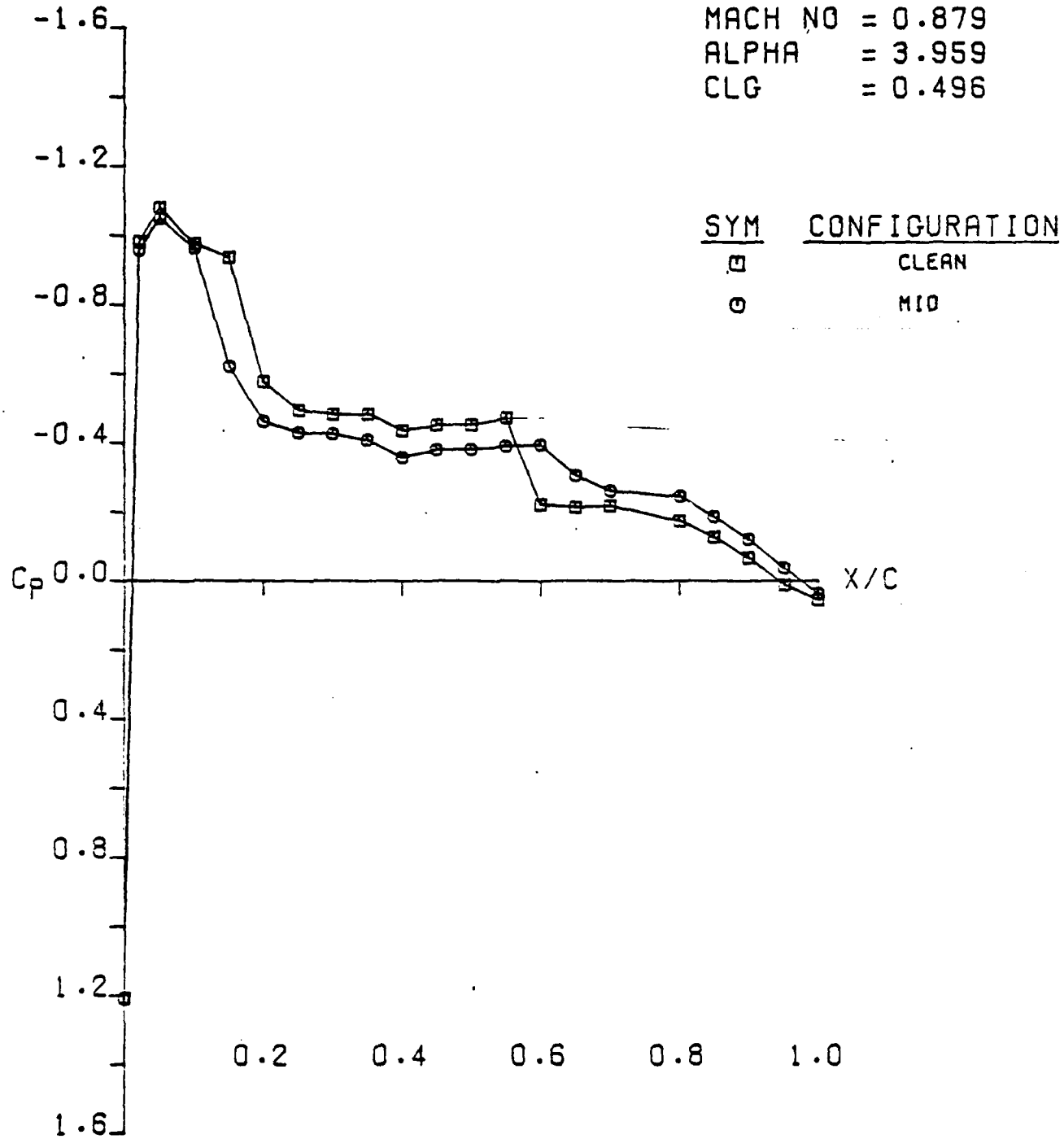
LOCKHEED CFWT SEMI-SPAN TEST. RUN 65
CLN VS HIGH (LWR SURF ETA.95)
AFOSR SEMISPAN MODEL B



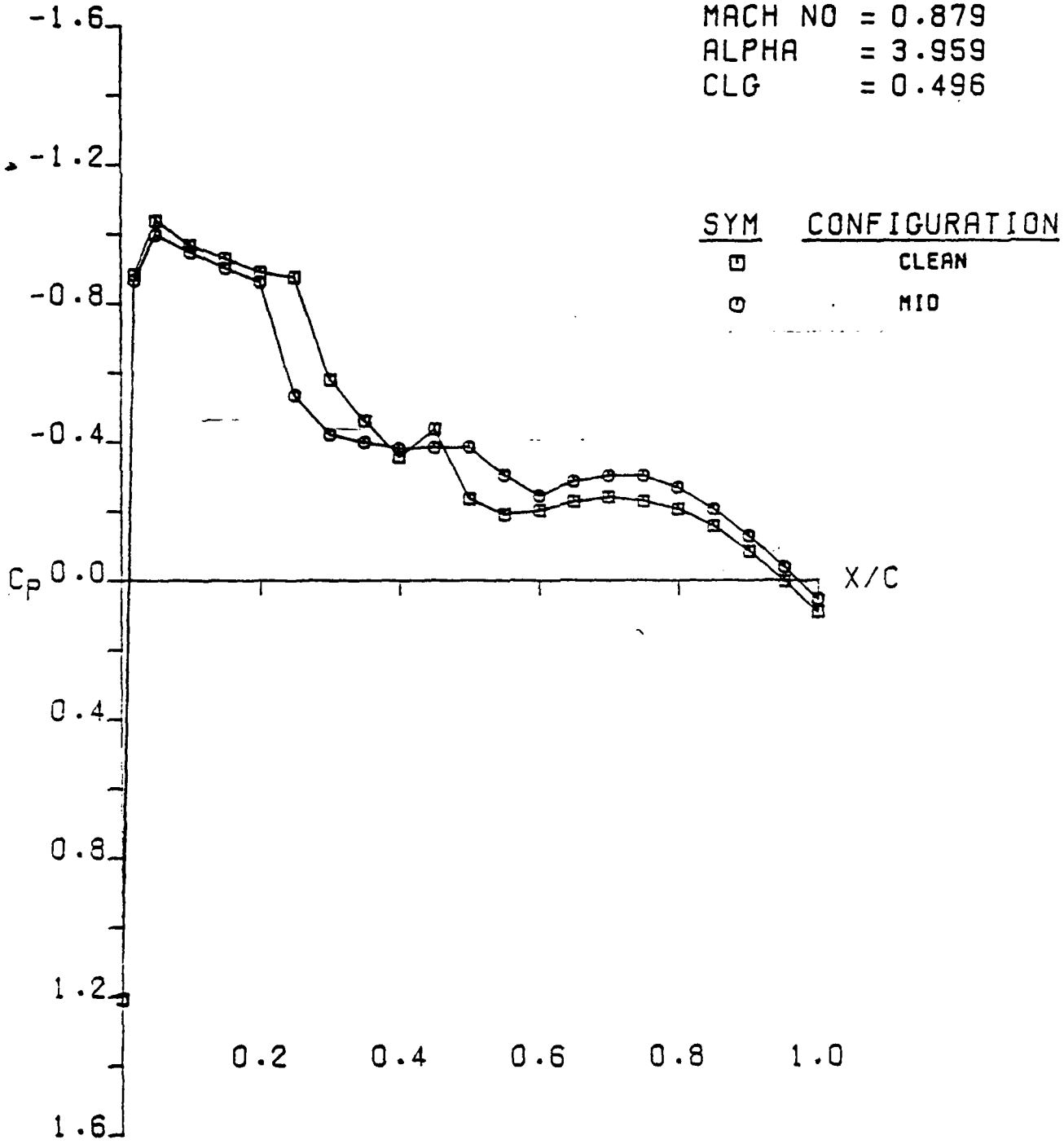
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS MID (UPR SURF)
AFOSR SEMISPAN MODEL 8



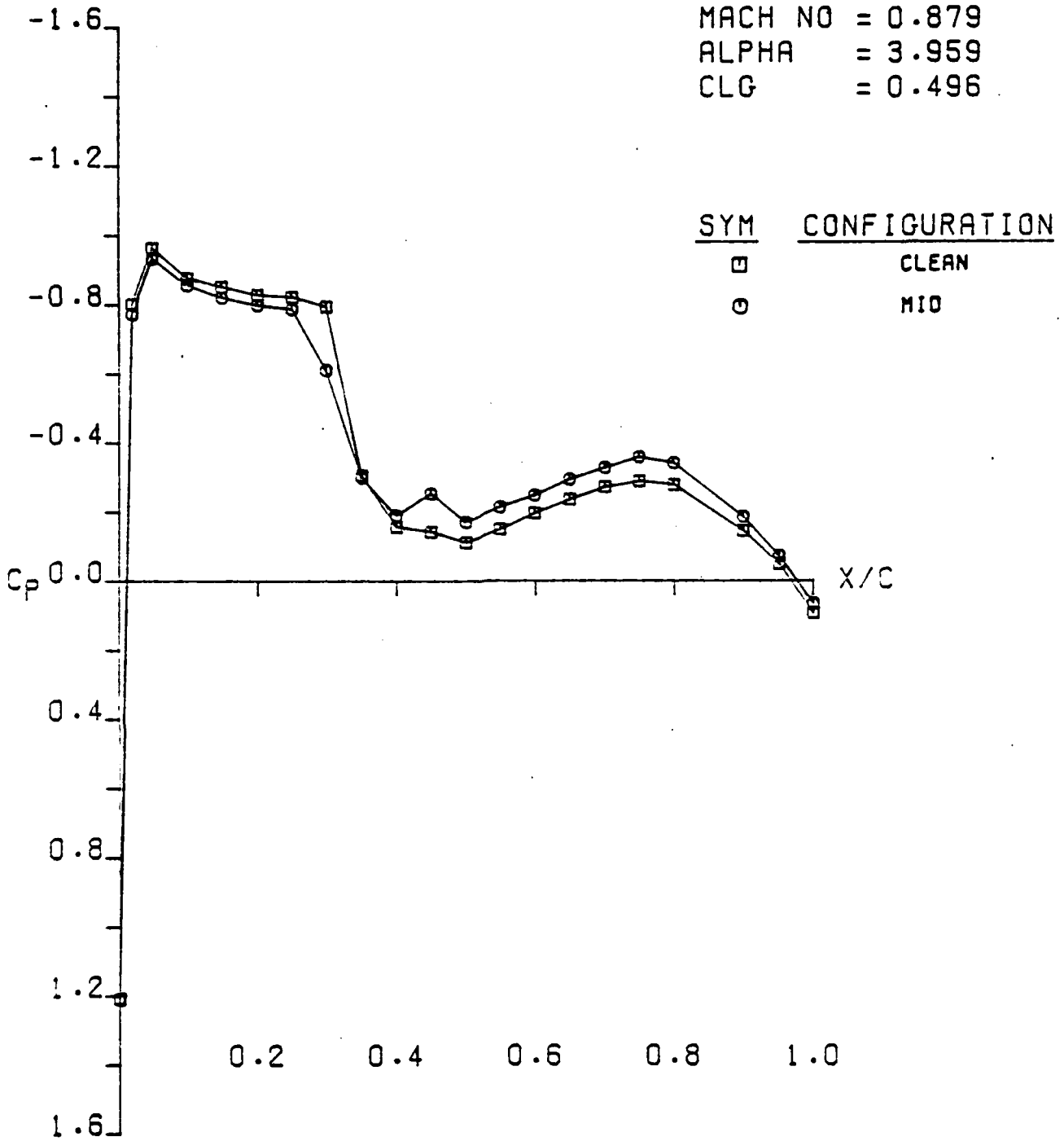
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS MID (UPR SURF ETA.216)
AFOSR SEMISPAN MODEL 8



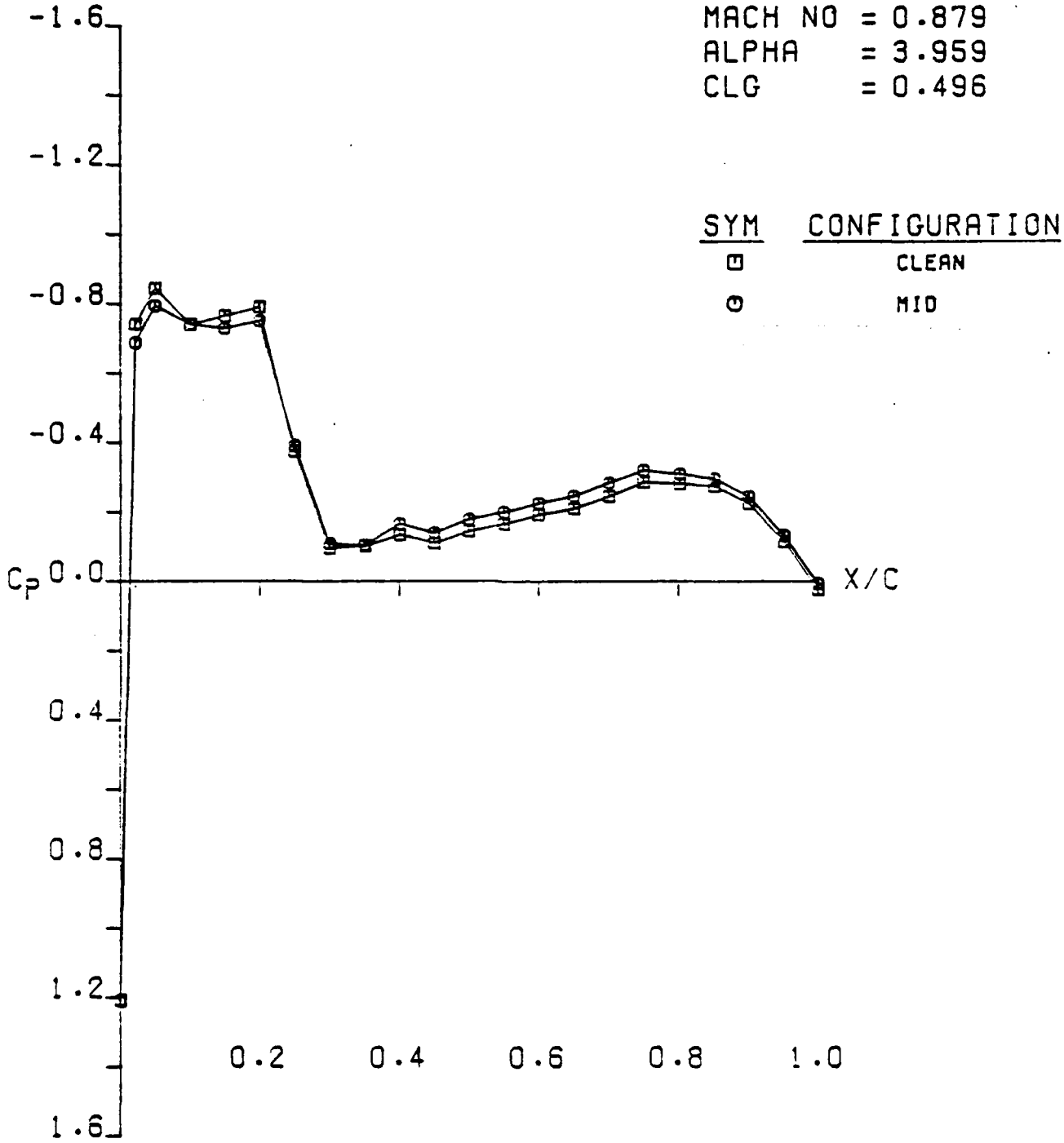
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS MID (UPR SURF ETA .40)
AFOSR SEMISPAN MODEL B



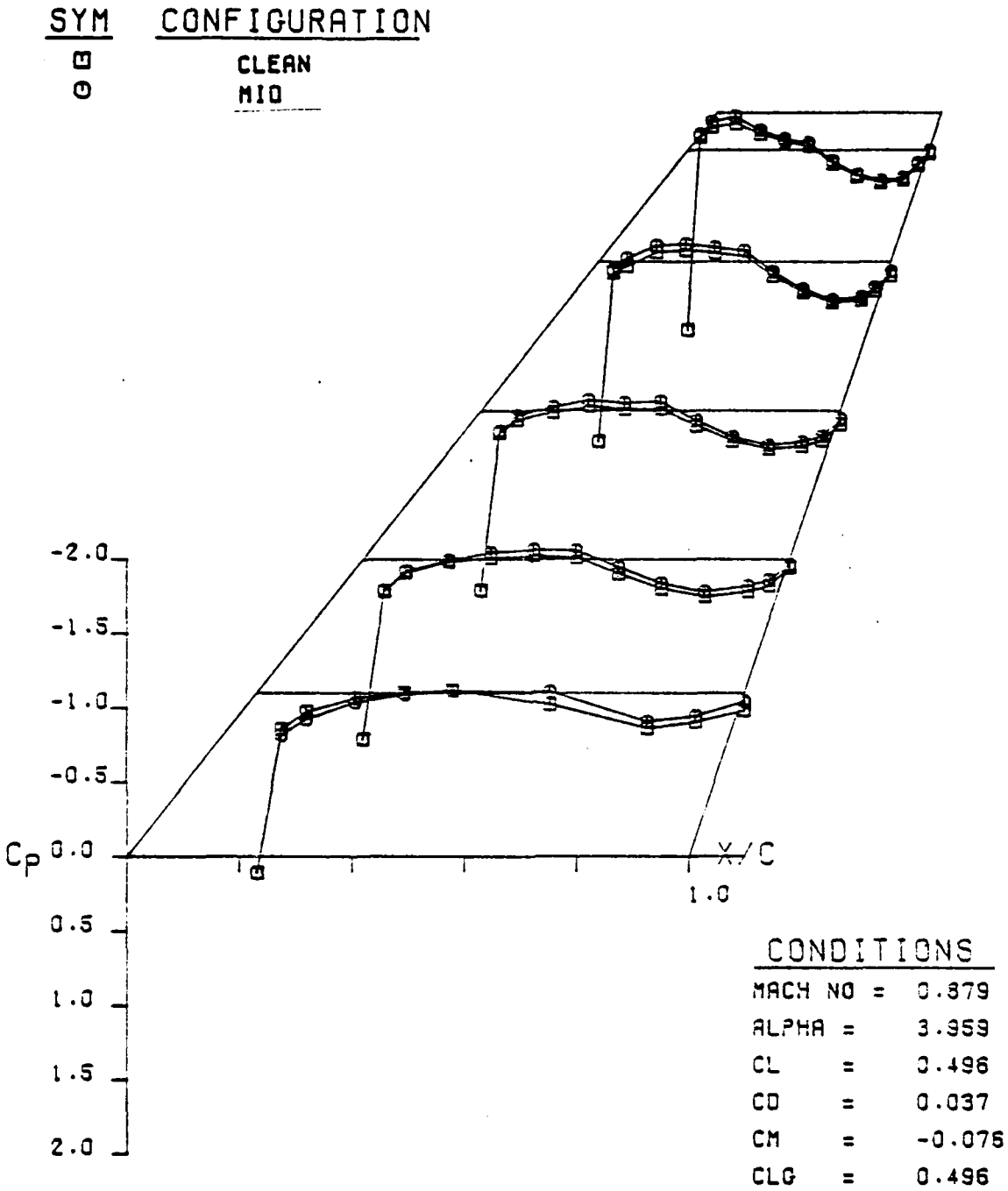
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS MID (UPR SURF ETA .60)
AFOSR SEMISPAN MODEL B



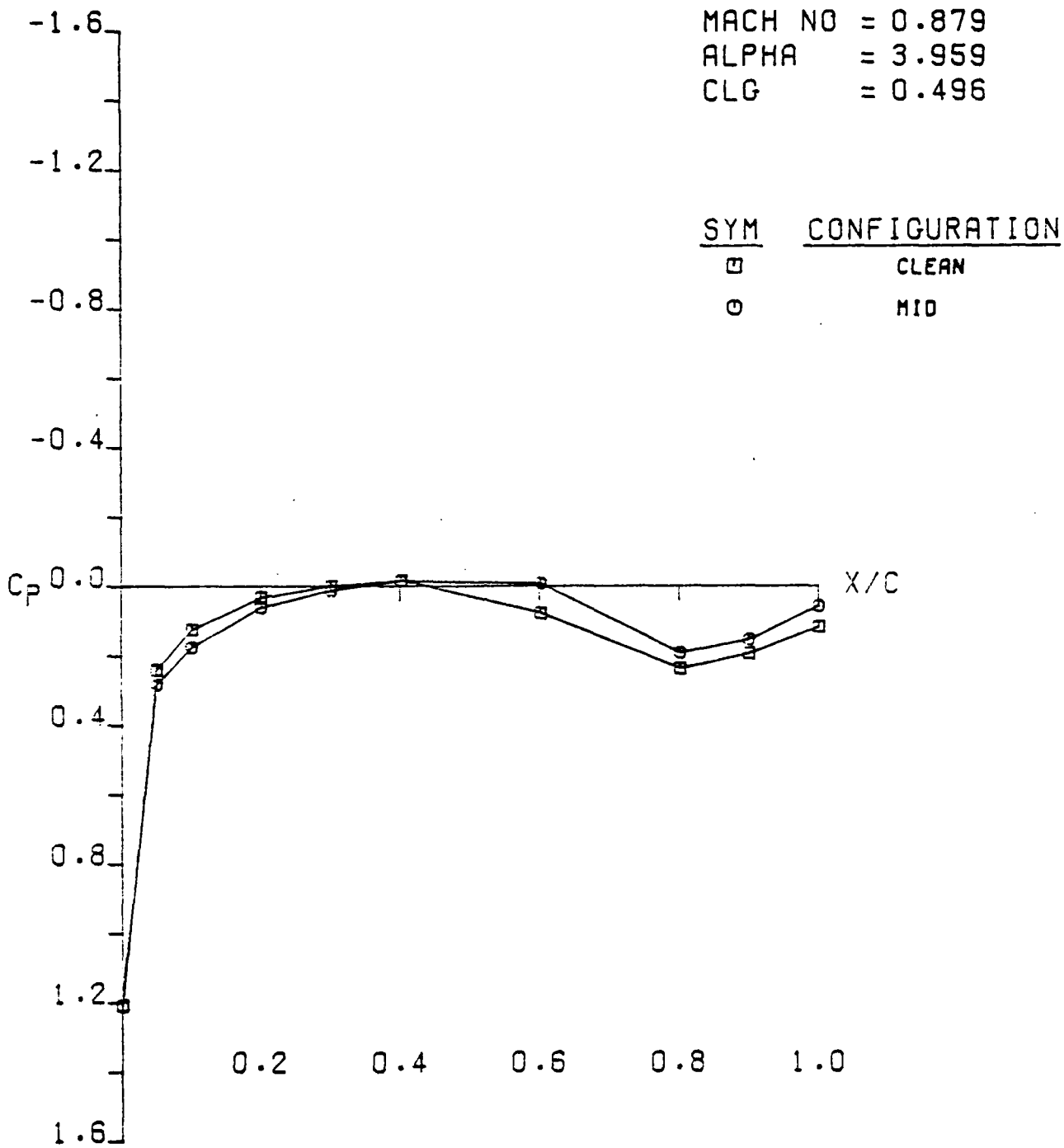
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS MID (UPR SURF ETA .8)
AFOSR SEMISPAN MODEL B



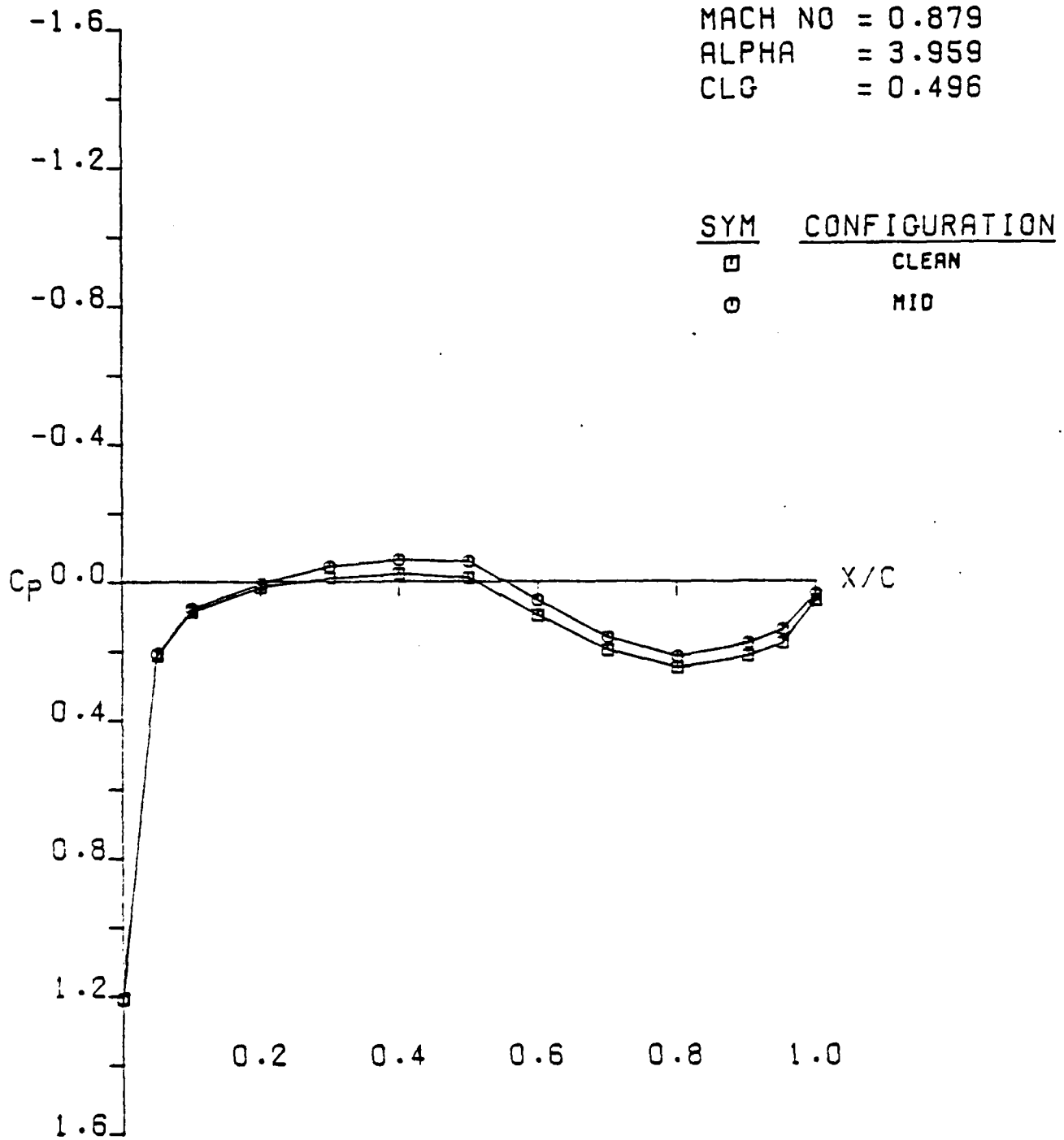
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS MID (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL B



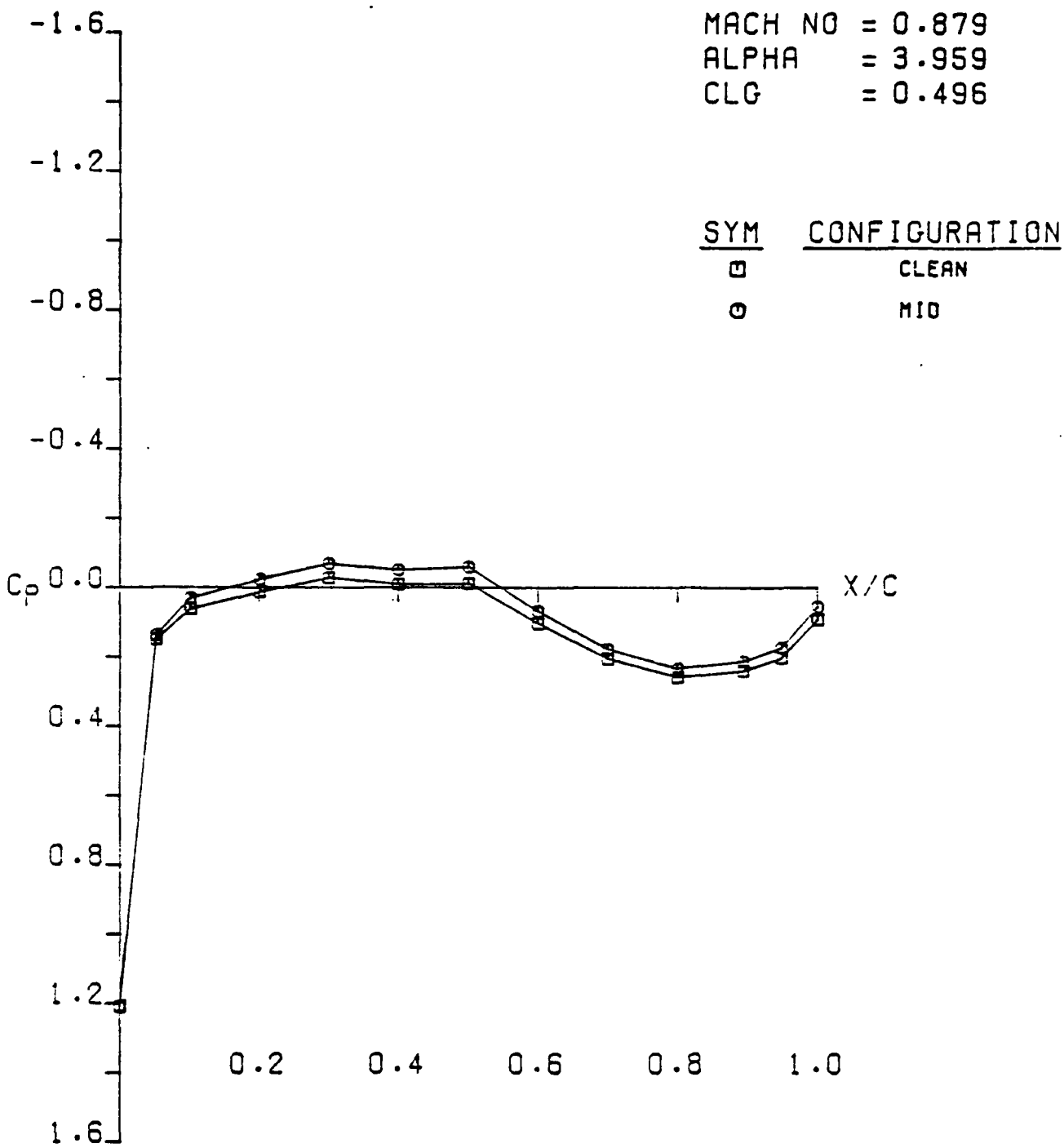
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS MID (LWR SURF)
AFOSR SEMISPAN MODEL B



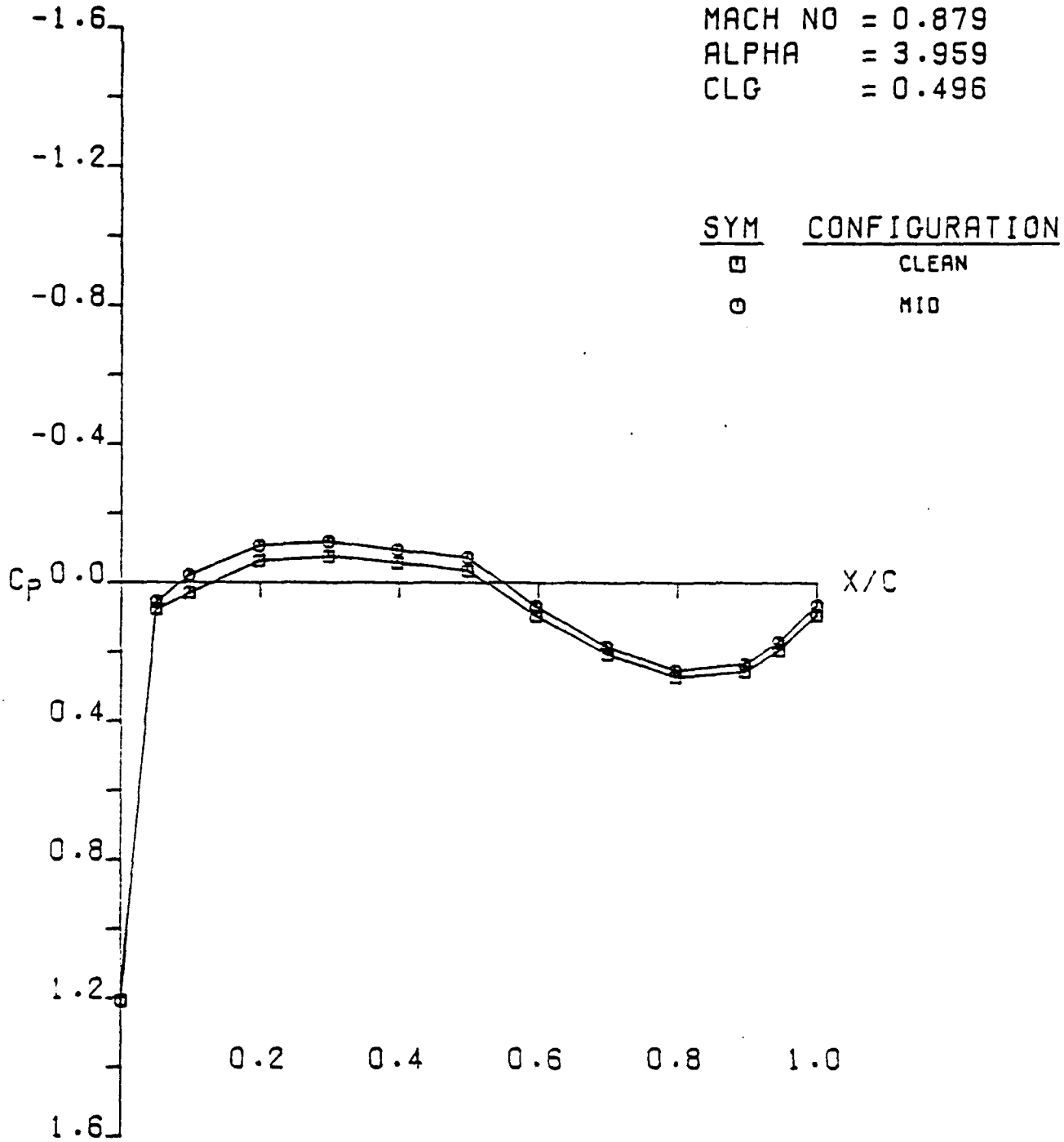
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS MID (LWR SURF ETA.216)
AFOSR SEMISPAN MODEL 3



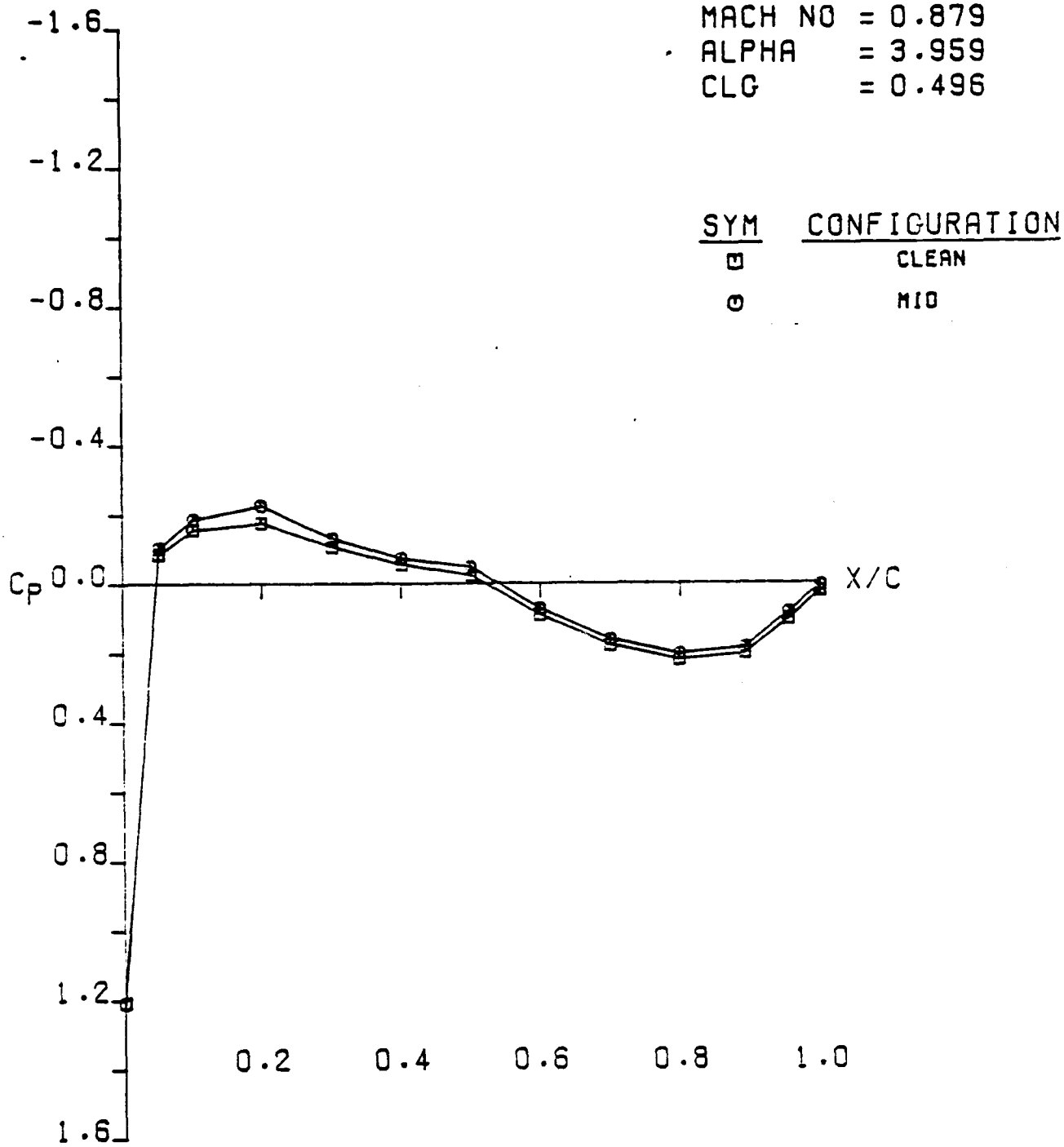
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS MID (LWR SURF ETA.4)
AFOSR SEMISPAN MODEL 8



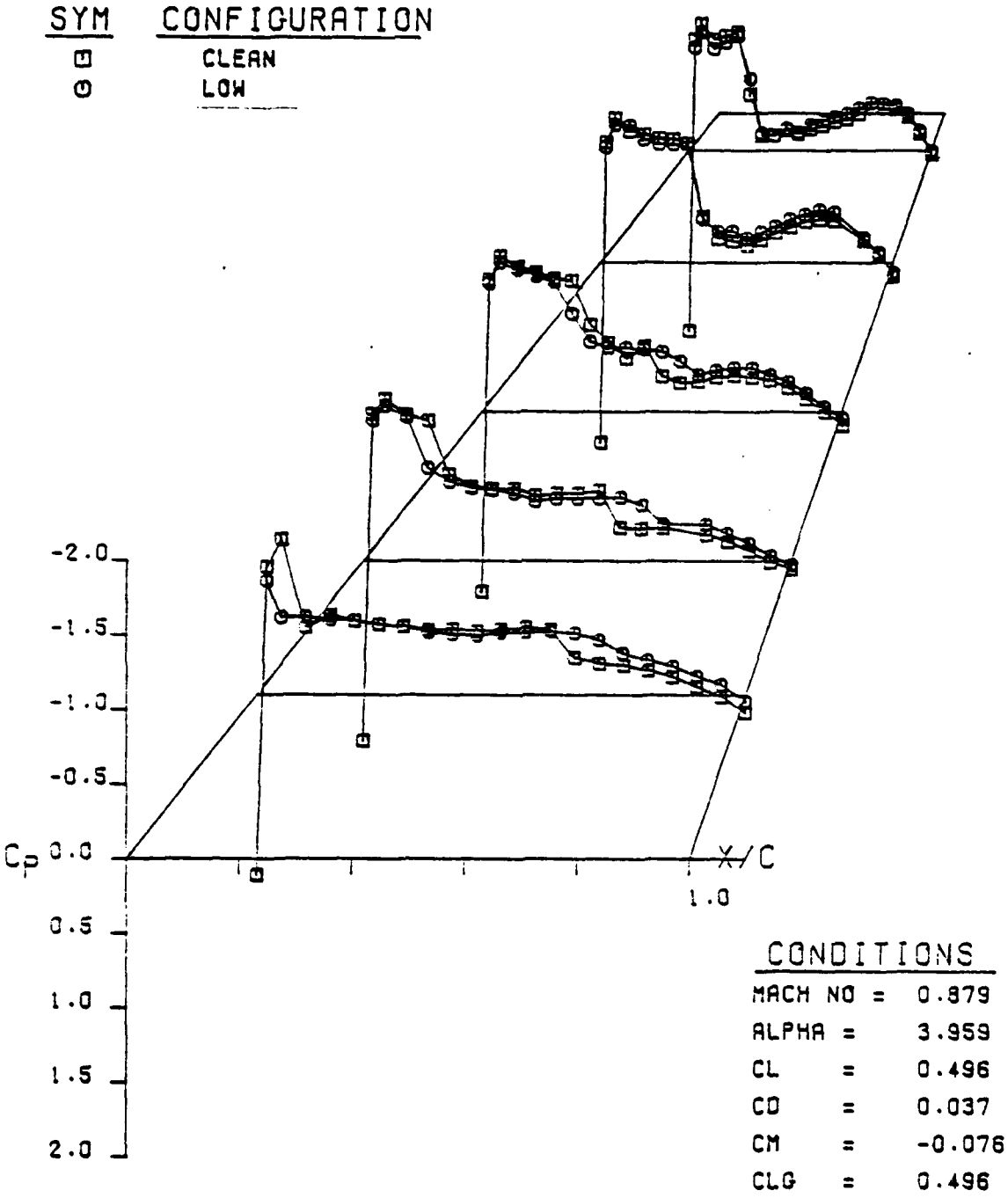
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS MID (LWR SURF ETA.60)
AFOSR SEMISPAN MODEL B



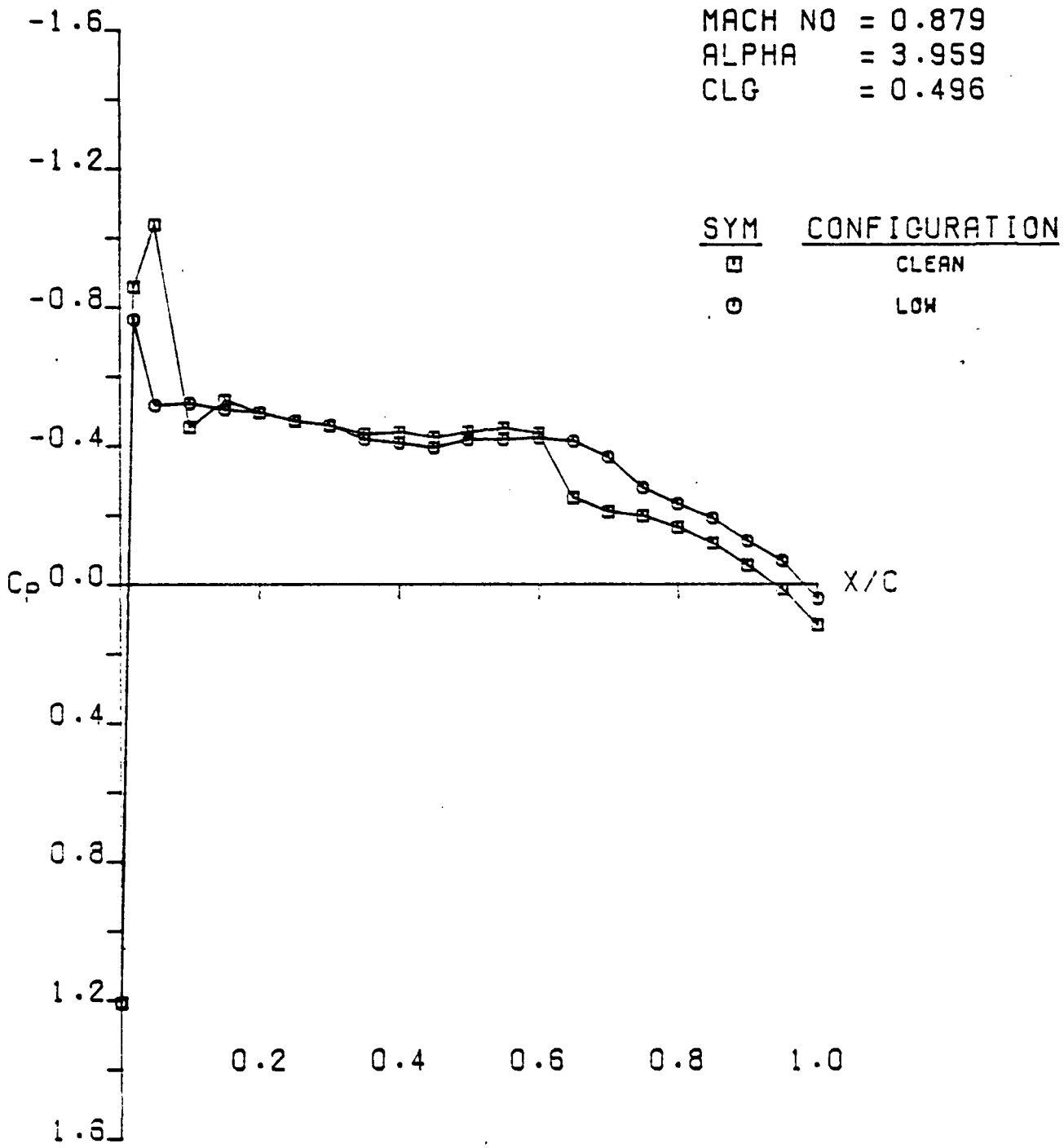
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS MID (LWR SURF ETA.8)
AFOSR SEMISPAN MODEL B



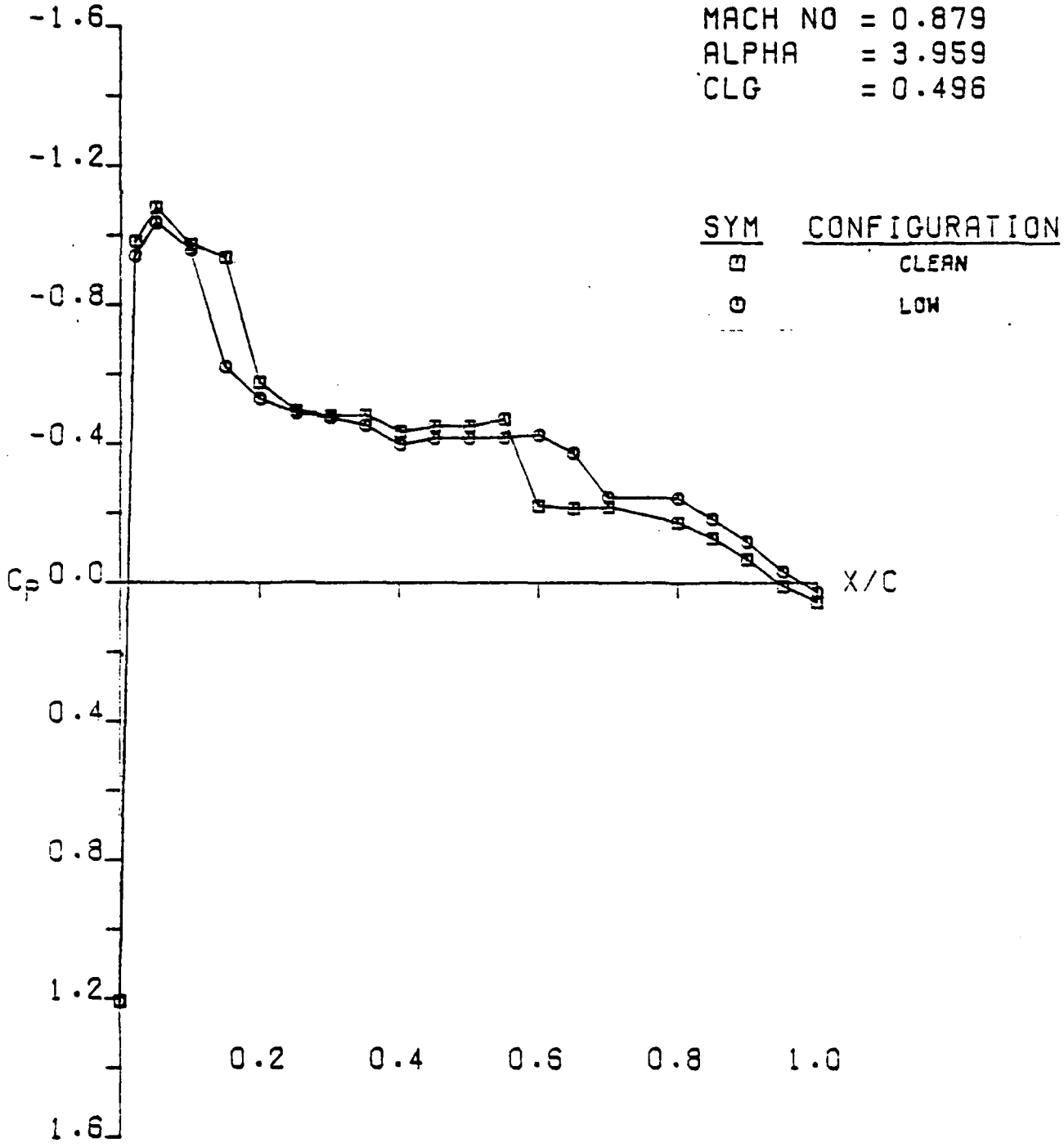
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS MID (LWR SURF ETA.95)
AFOSR SEMISPAN MODEL 8



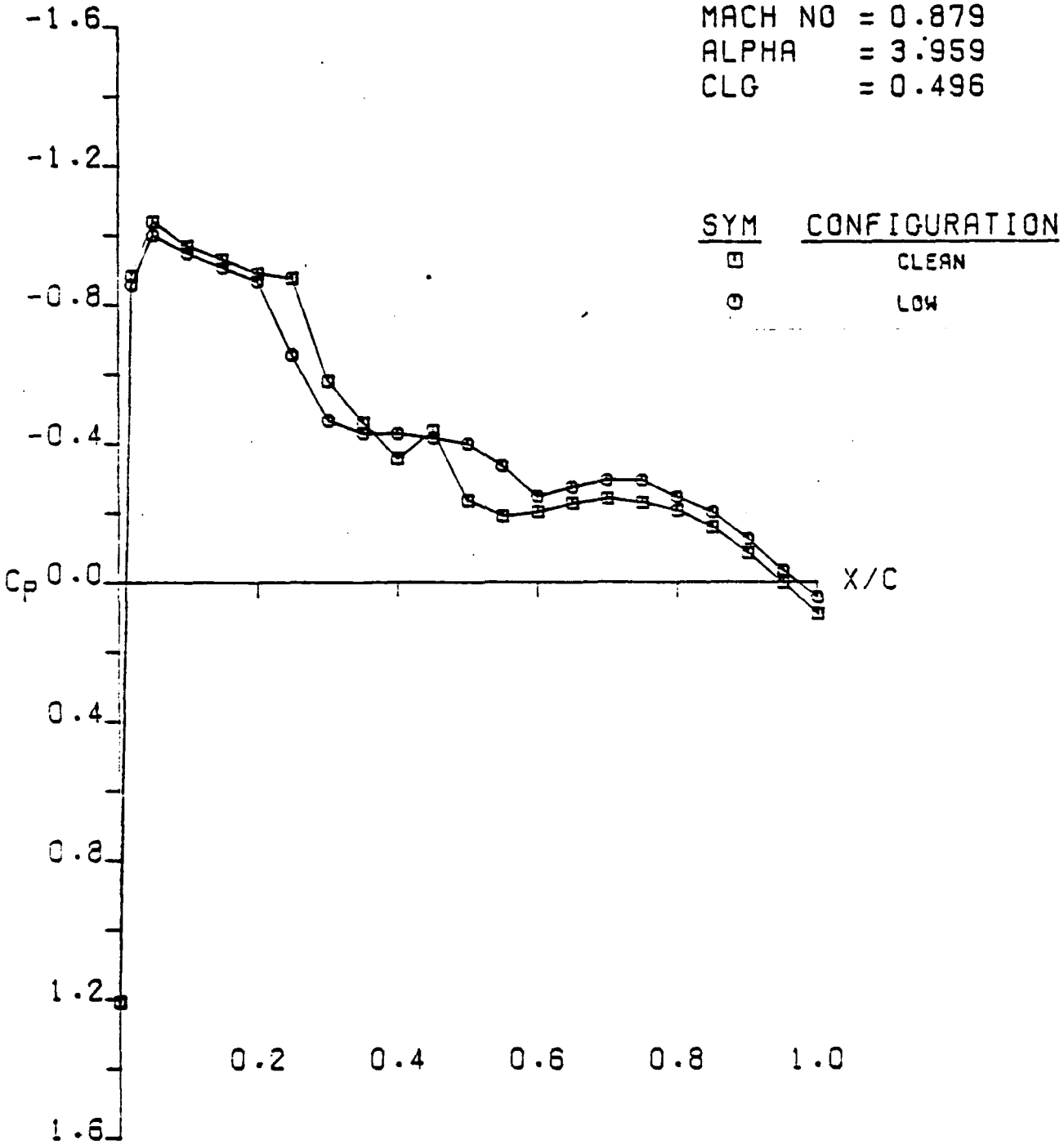
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS LOW (UPR SURF)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS LOW (UPR SURF ETA.216)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS LOW (UPR SURF ETA .40)
AFOSR SEMISPAN MODEL B



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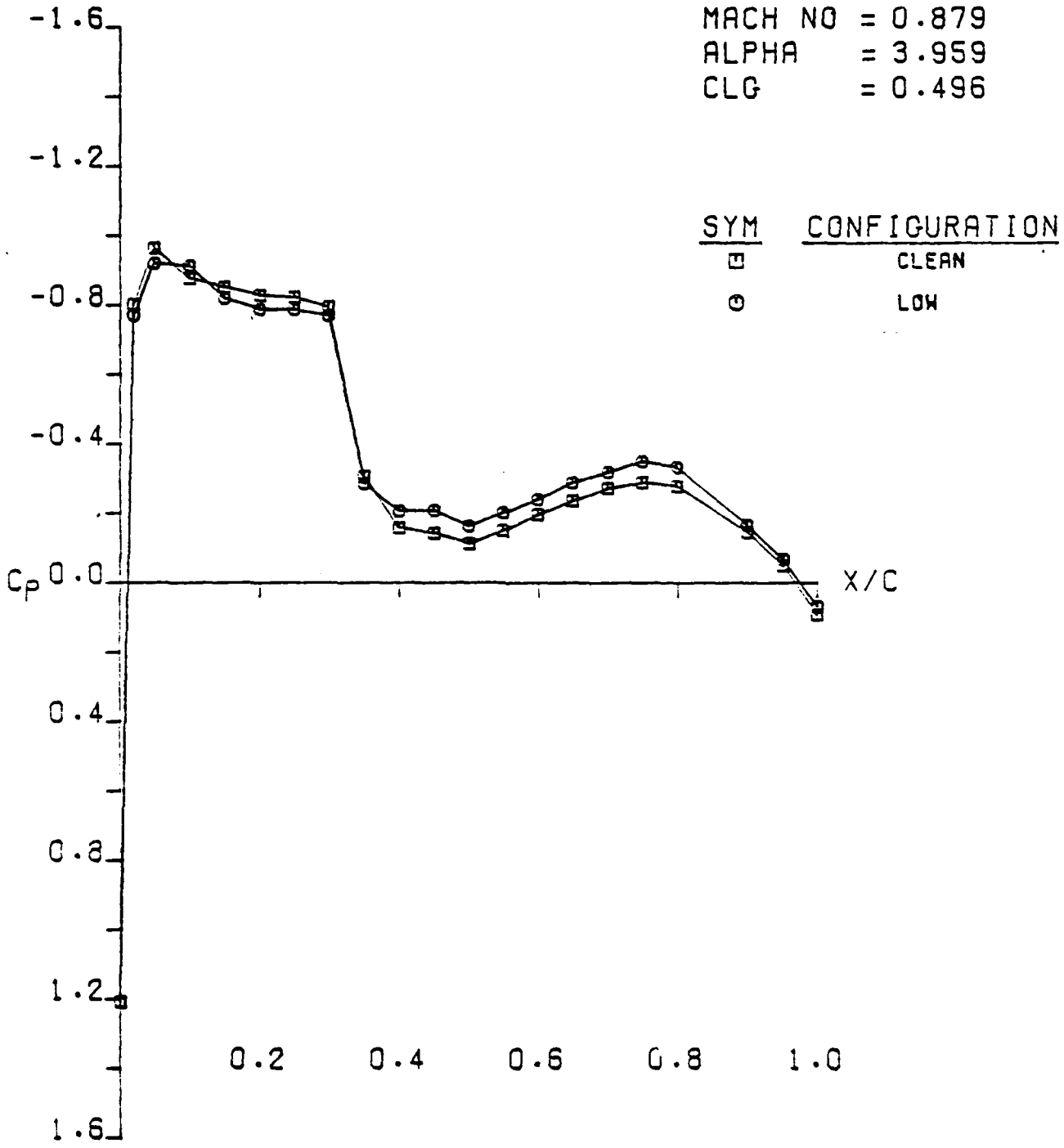
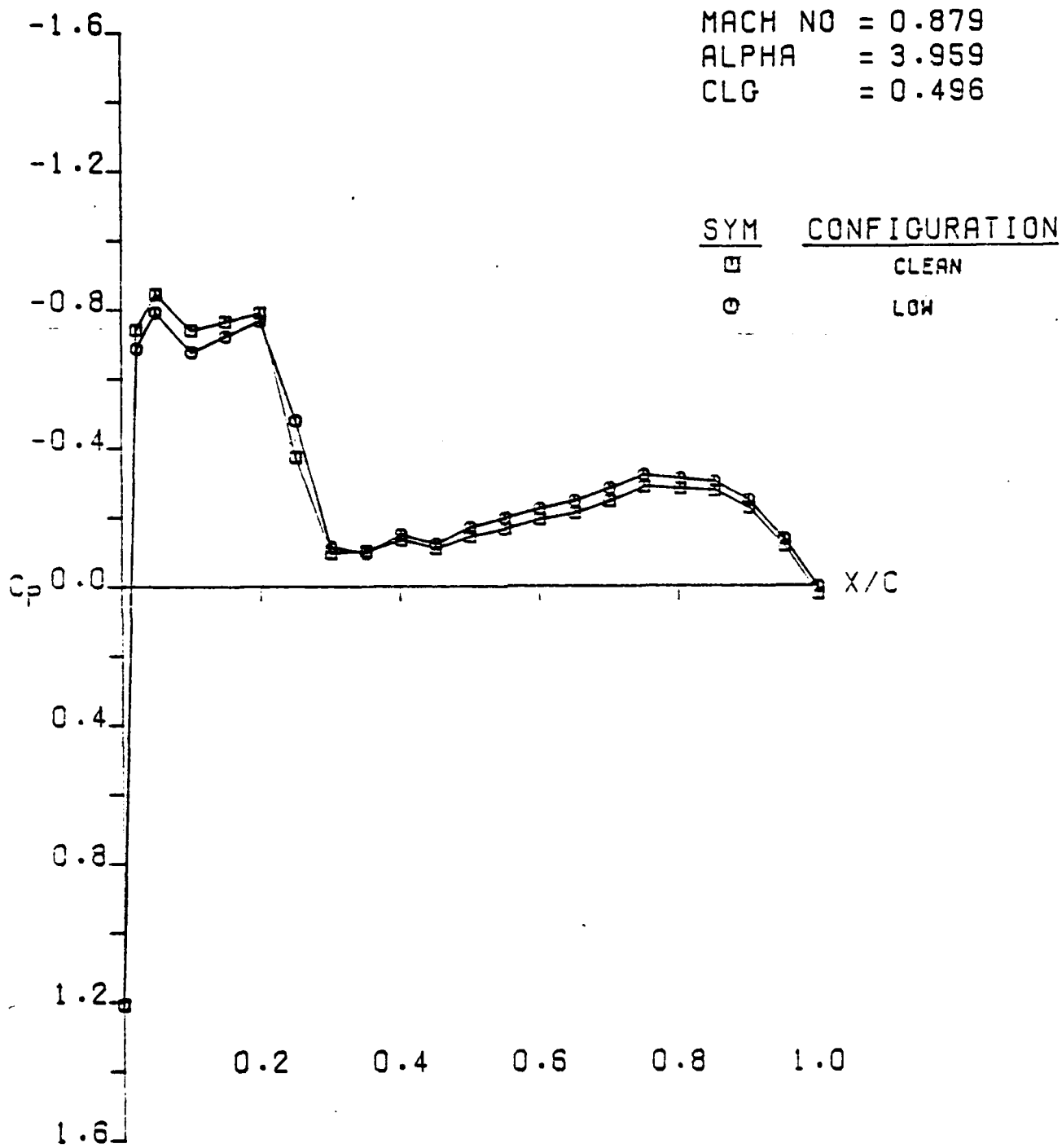
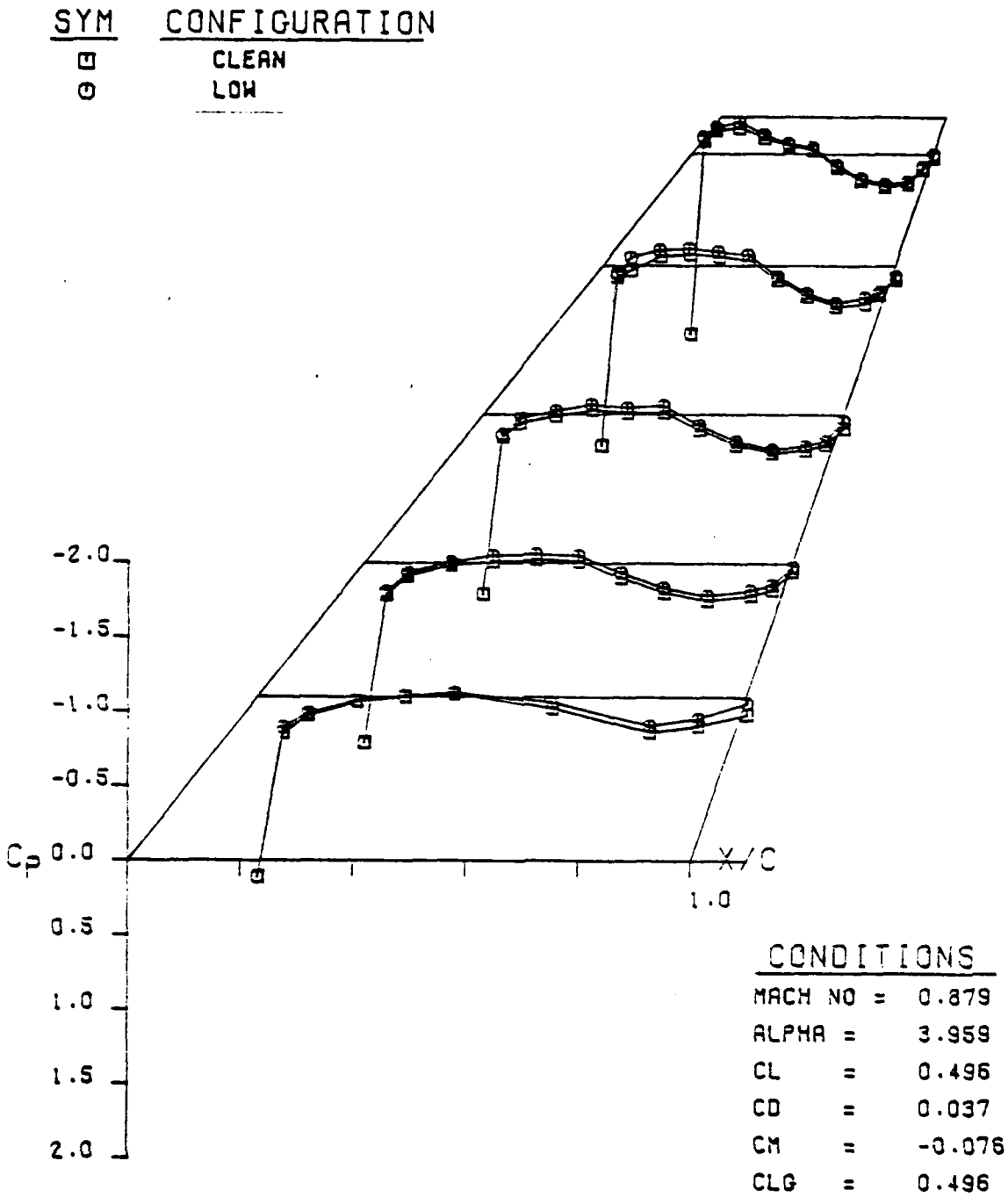
CLN VS LOW (UPR SURF ETA .60)
AFOSR SEMISPAN MODEL B



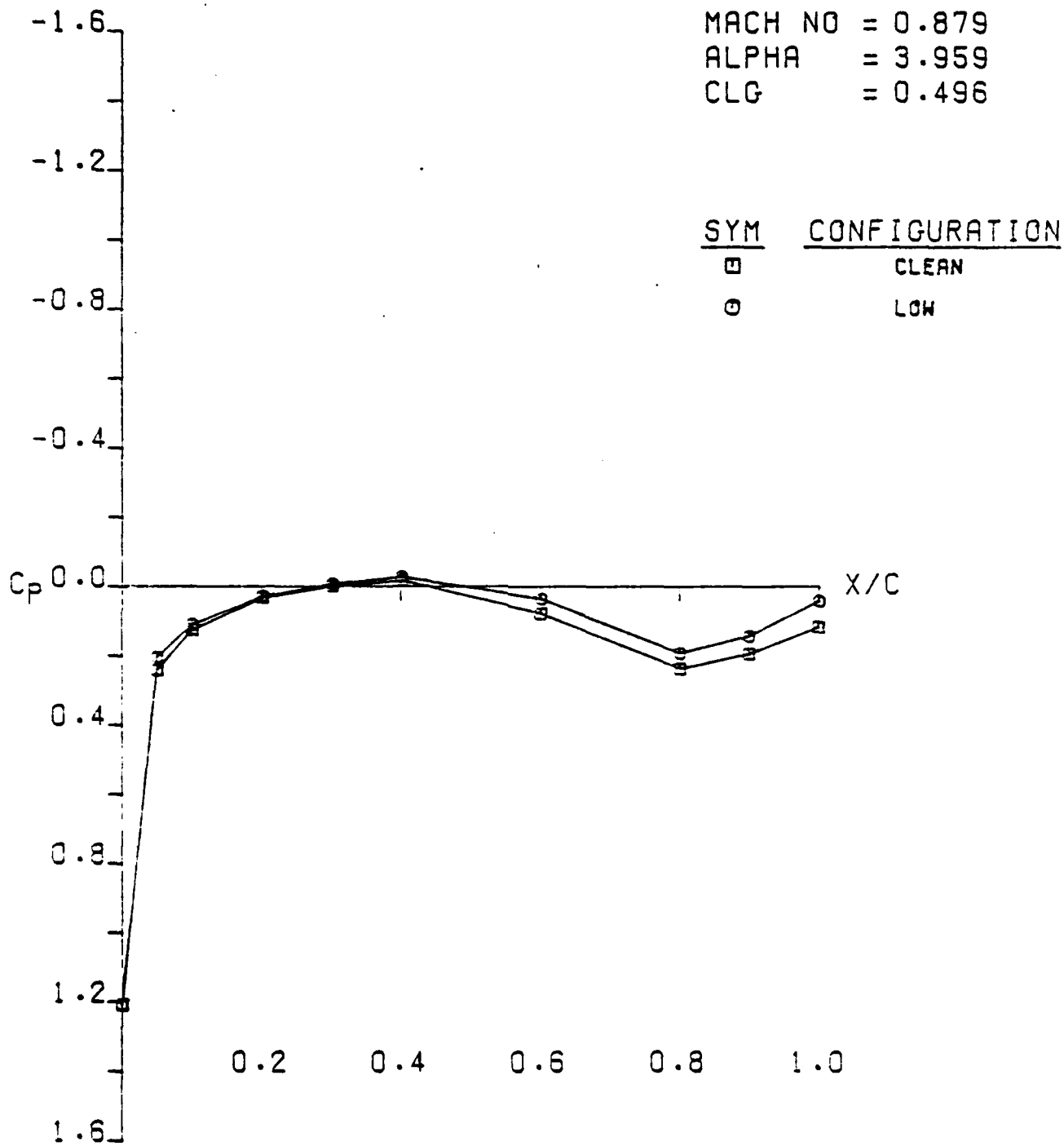
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS LOW (UPR SURF ETA .8)
AFOSR SEMISPAN MODEL B



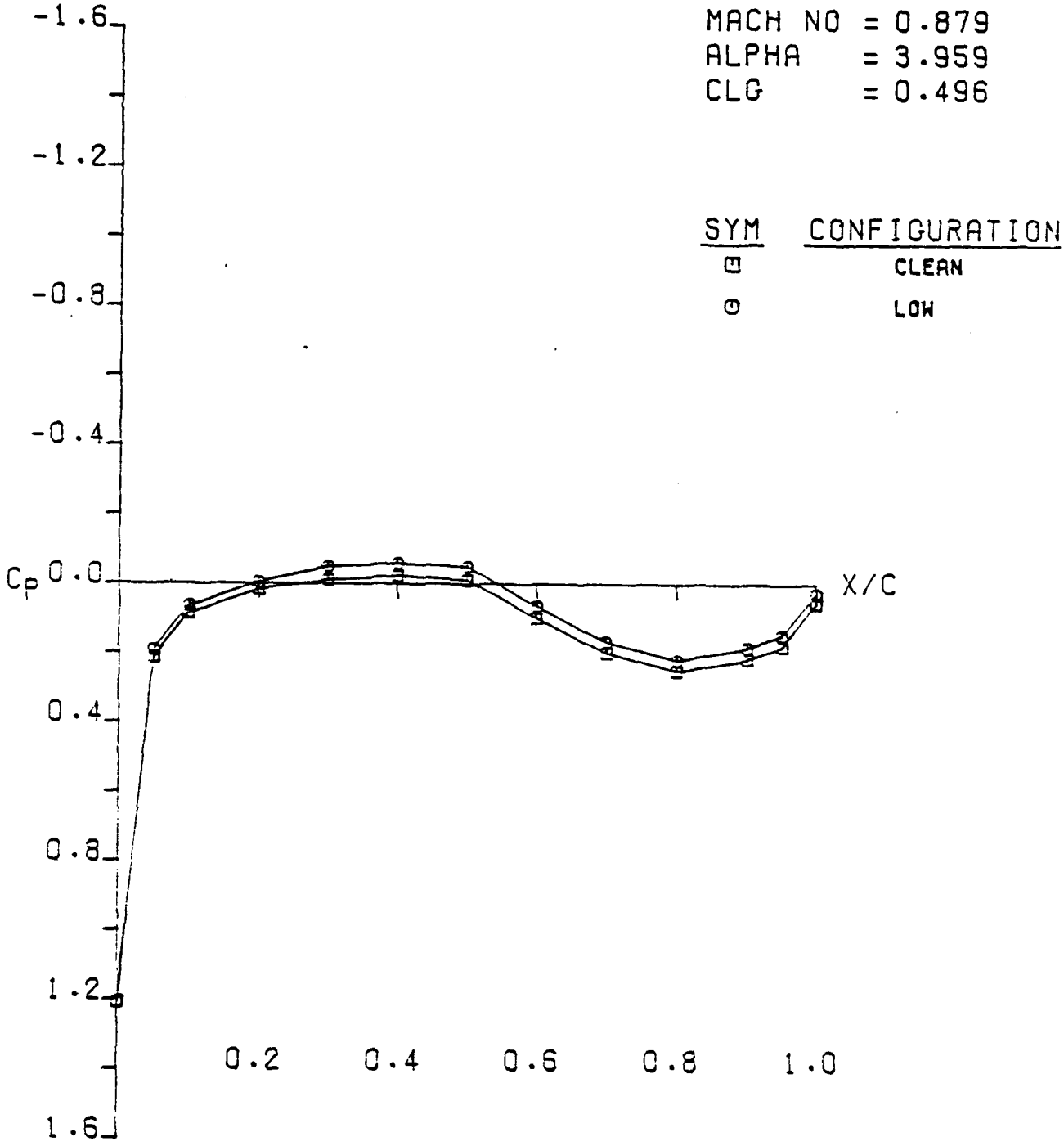
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS LOW (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL B



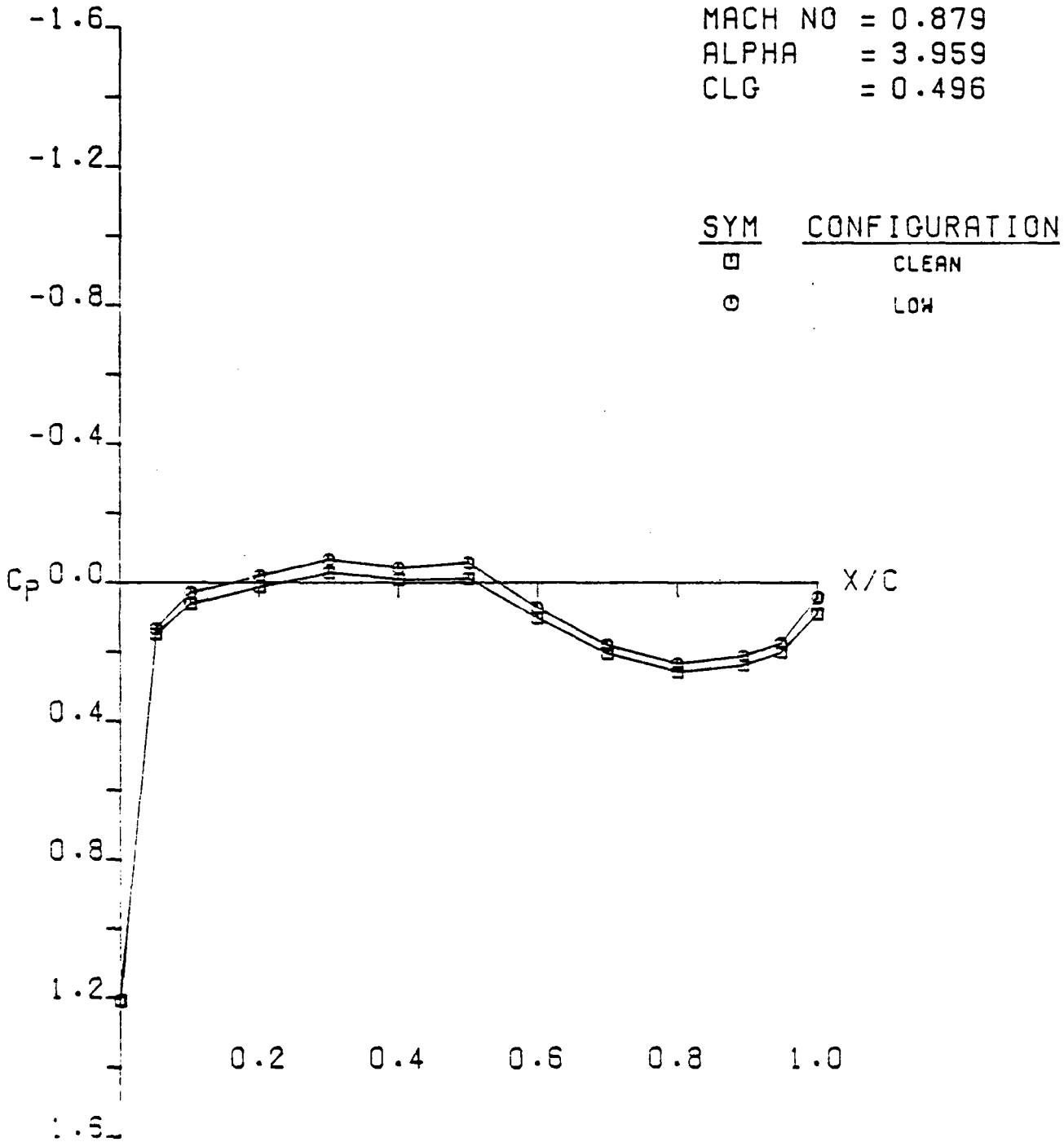
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS LOW (LWR SURF)
AFOSR SEMISPAN MODEL B



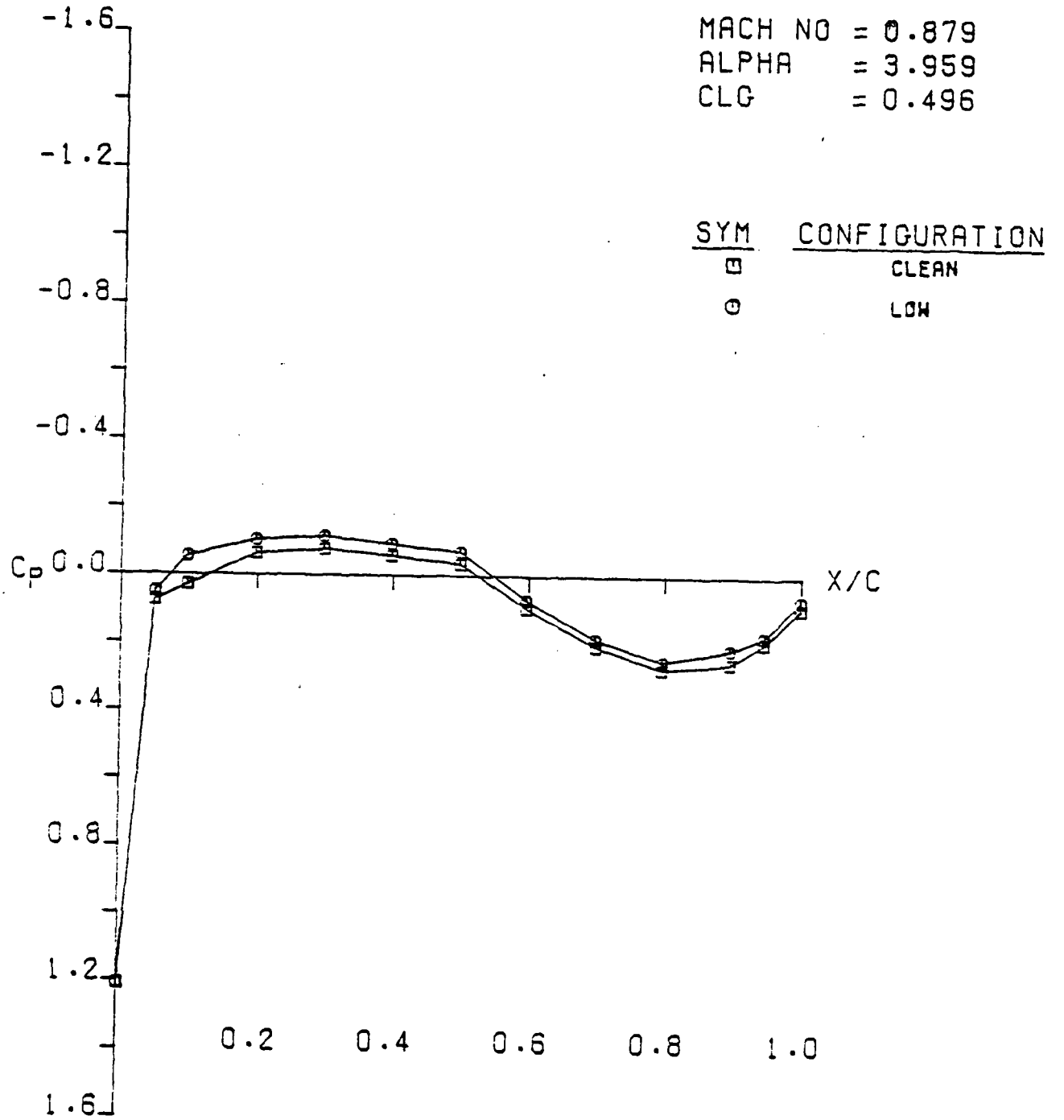
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS LOW (LWR SURF ETA.216)
AFOSR SEMISPAN MODEL B



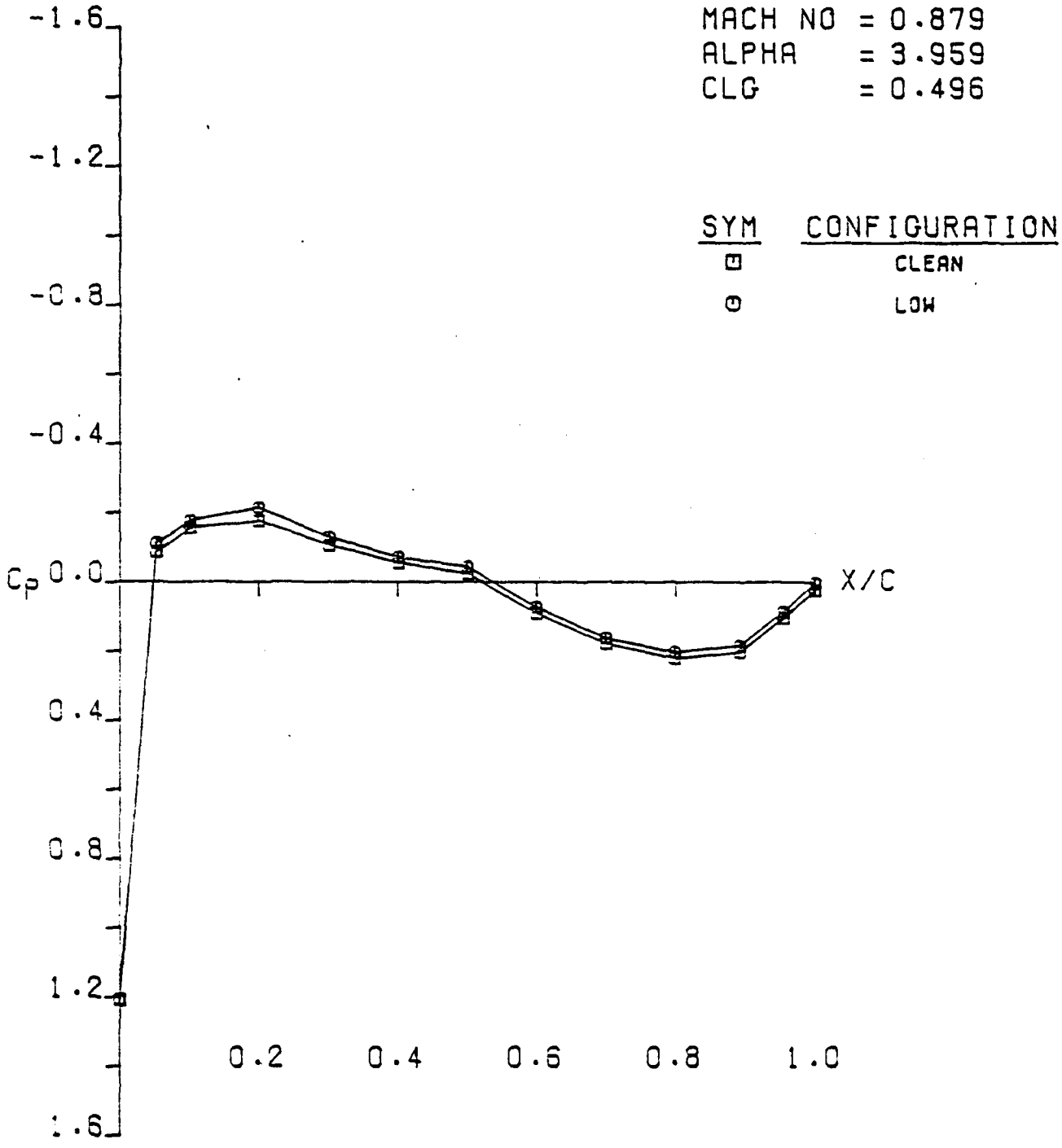
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS LOW (LWR SURF ETA.4)
AFOSR SEMISPAN MODEL B



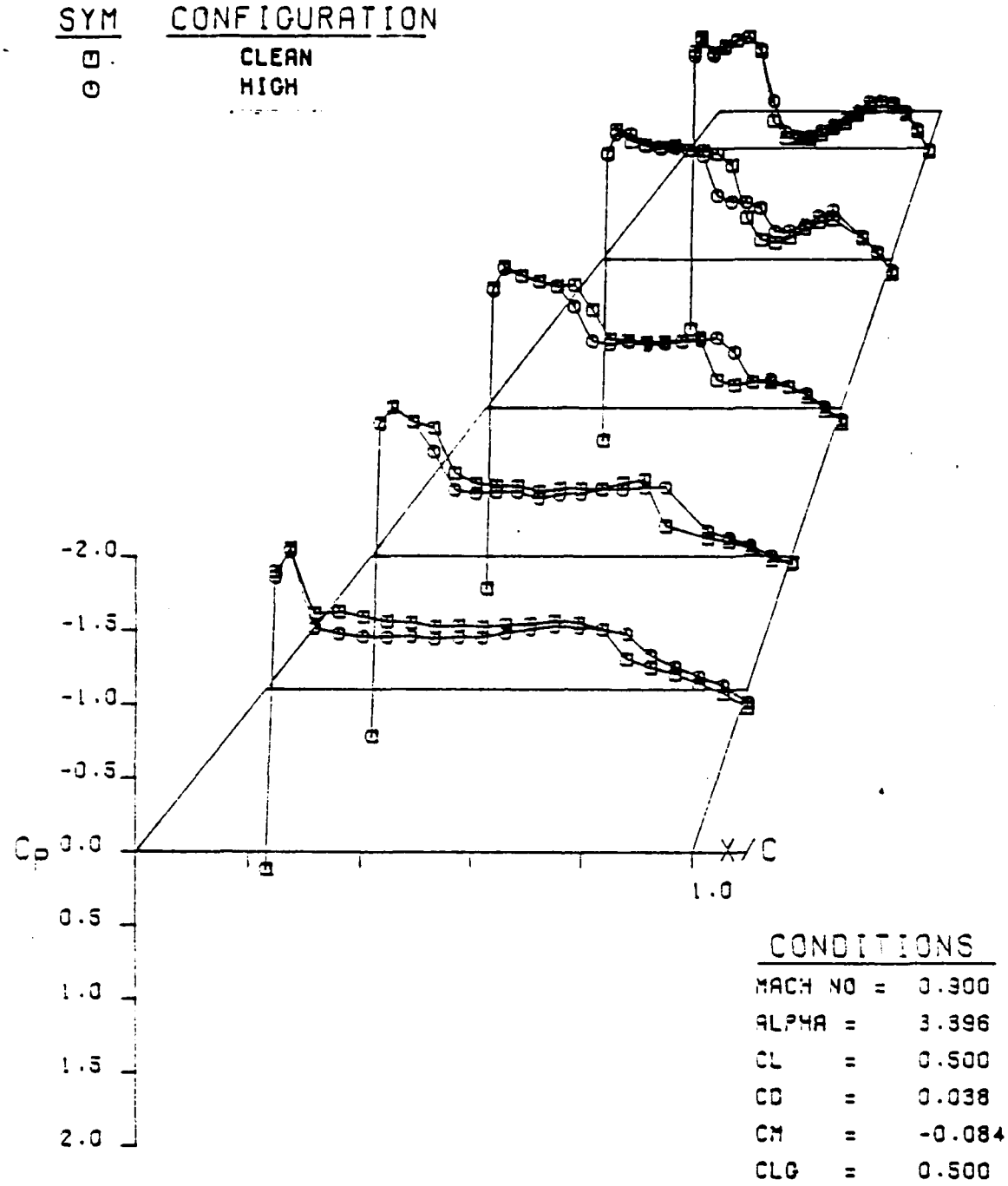
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS LOW (LWR SURF ETA.60)
AFOSR SEMISPAN MODEL B



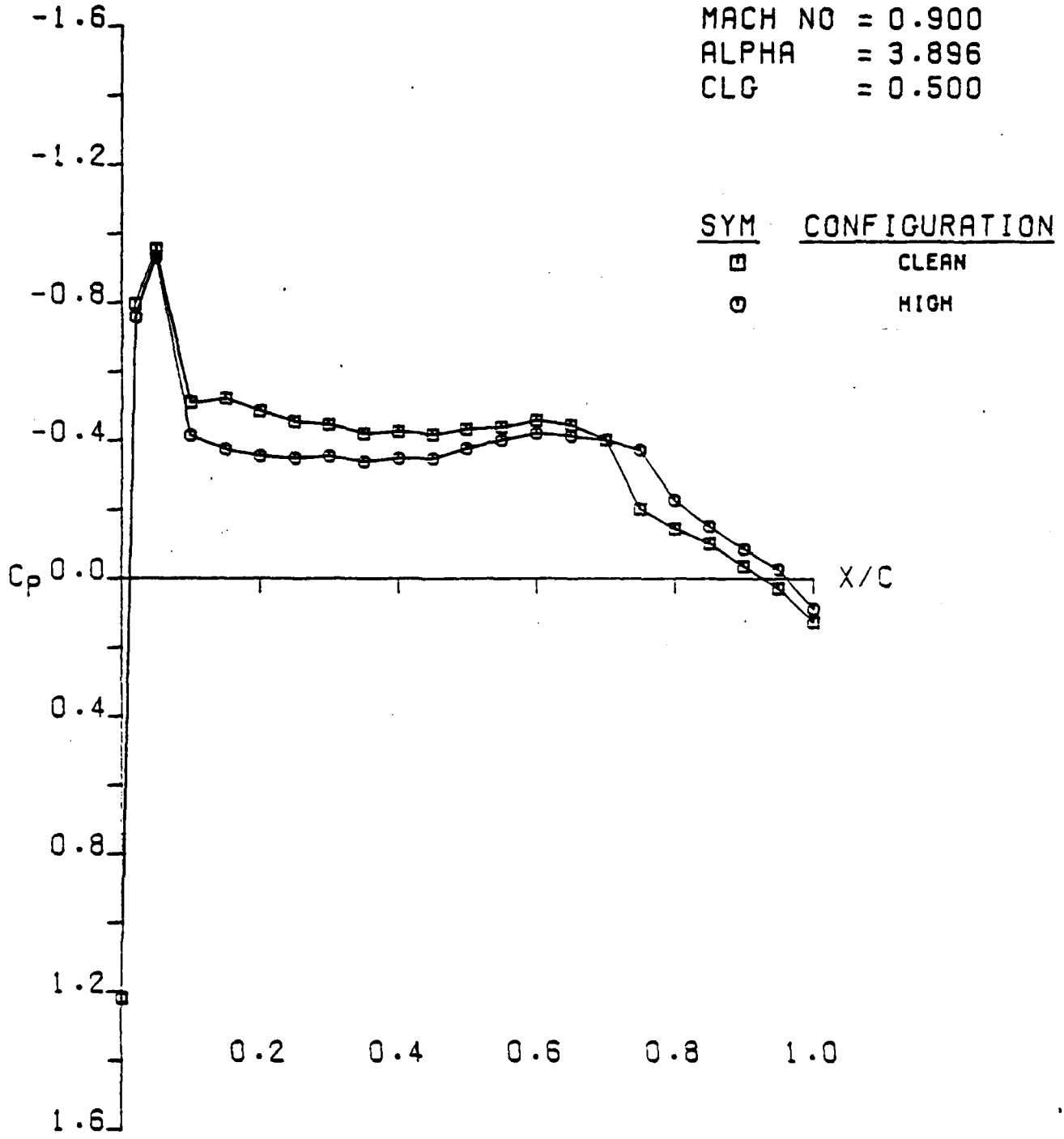
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS LOW (LWR SURF ETA.8)
AFOSR SEMISPAN MODEL B



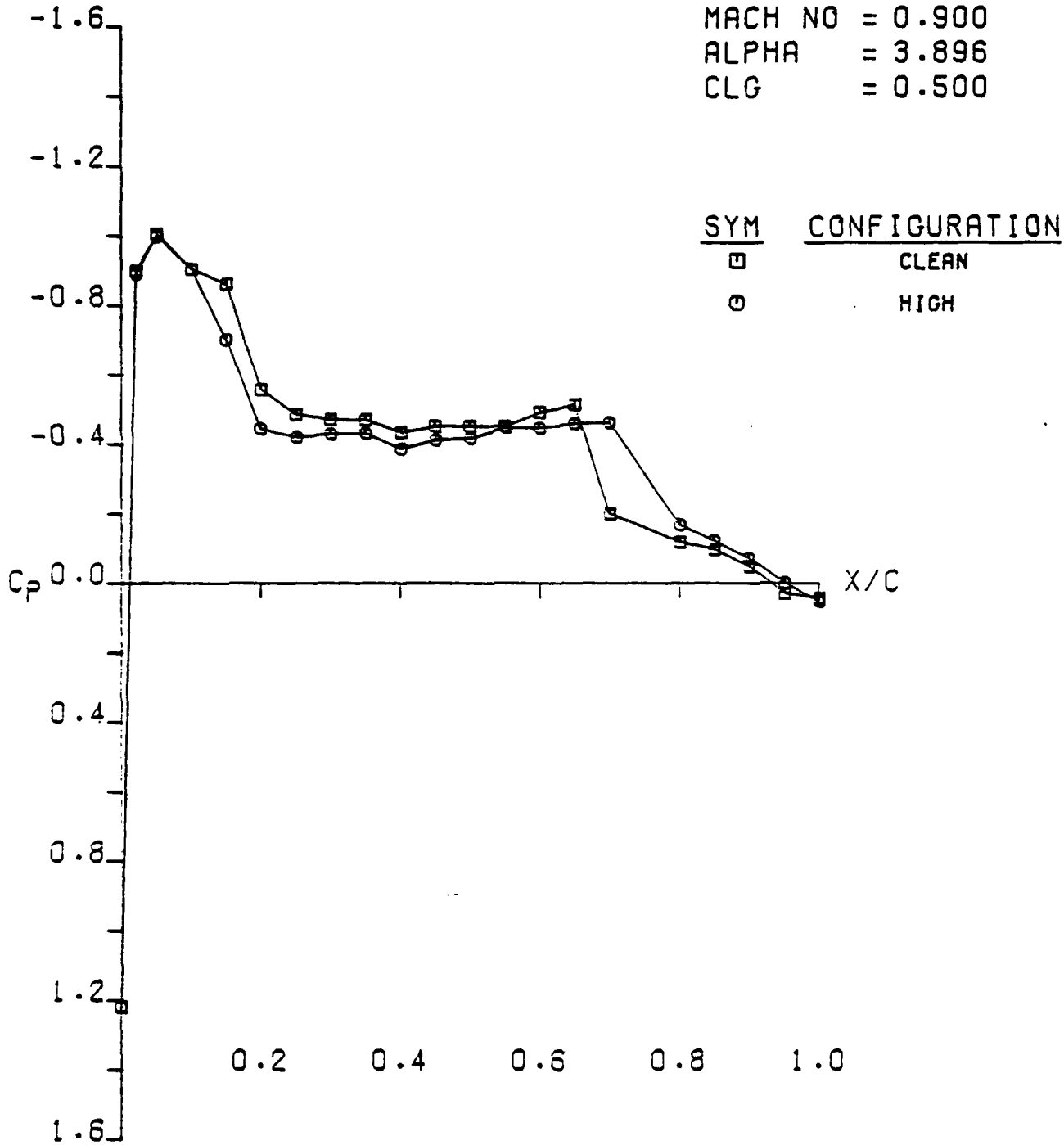
LOCKHEED CFWT SEMI-SPAN TEST, RUN 65
CLN VS LOW (LWR SURF ETA.95)
AFOSR SEMISPAN MODEL B



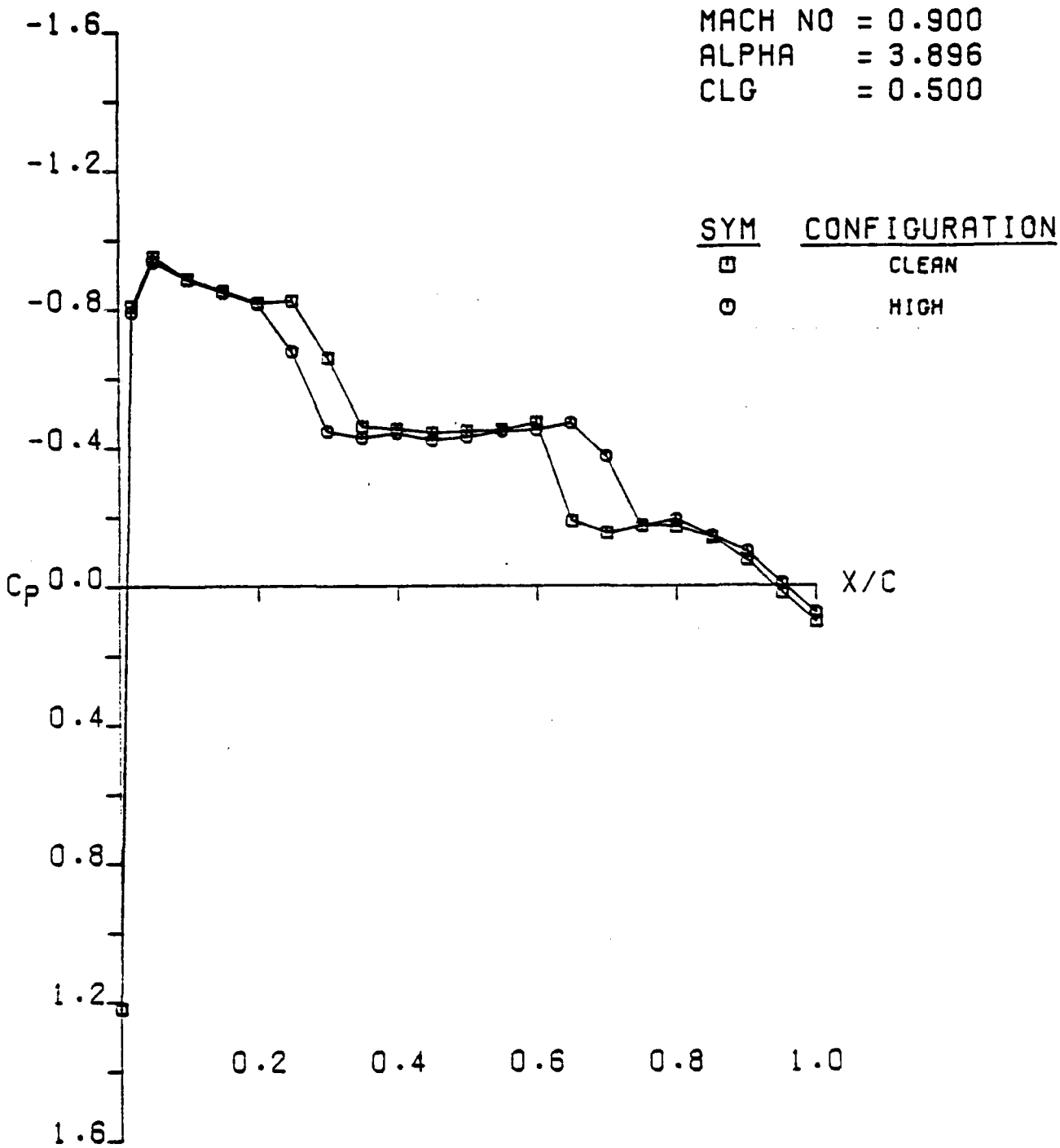
LOCKHEED CFWT SEMI-SPAN TEST. RUN 29
CLN VS HIGH (UPR SURF)
AFOSR SEMISPAN MODEL B



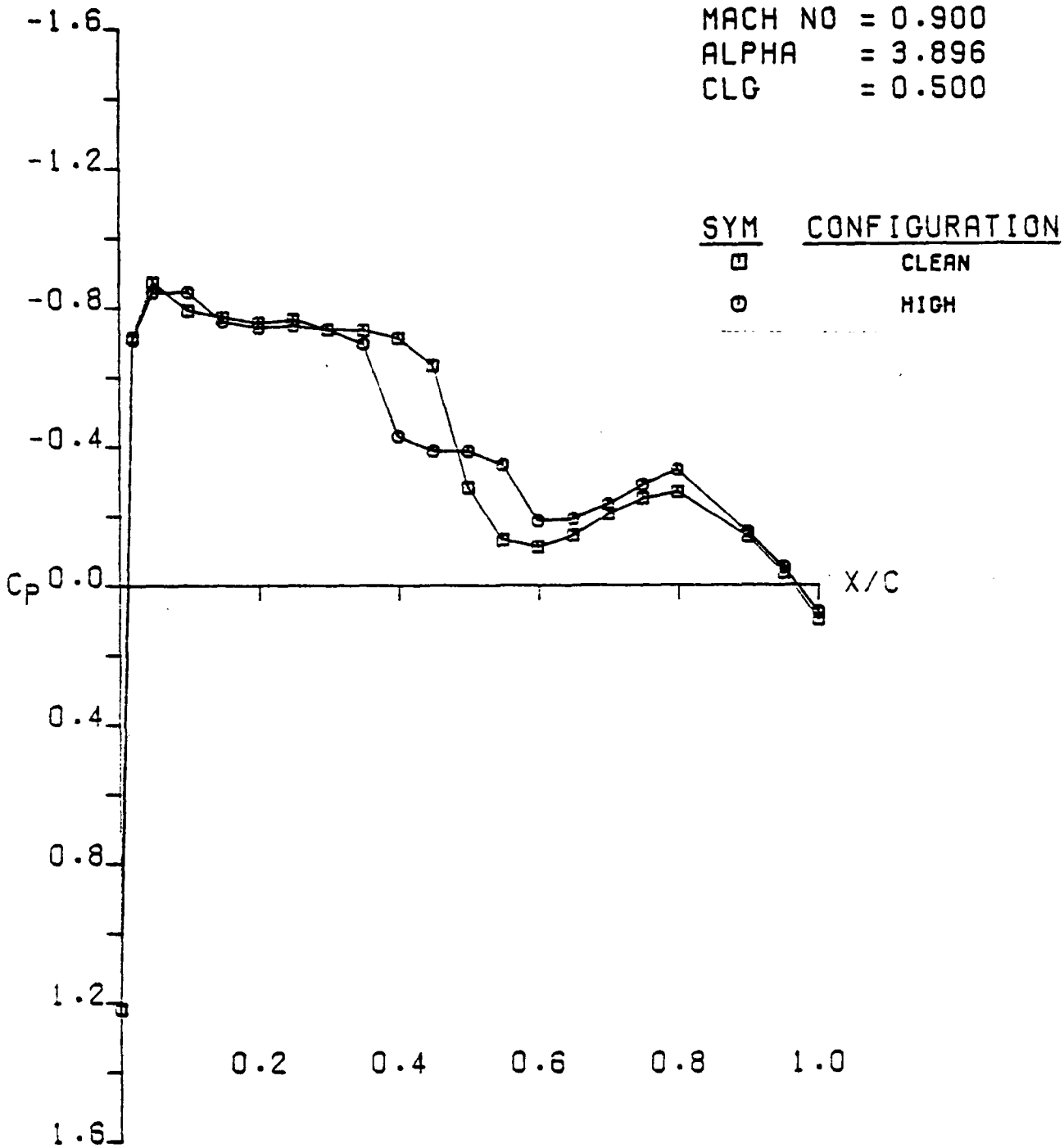
LOCKHEED CFWT SEMI-SPAN TEST. RUN 29
CLN VS HIGH (UPR SURF ETA.216)
AFOSR SEMISPAN MODEL B



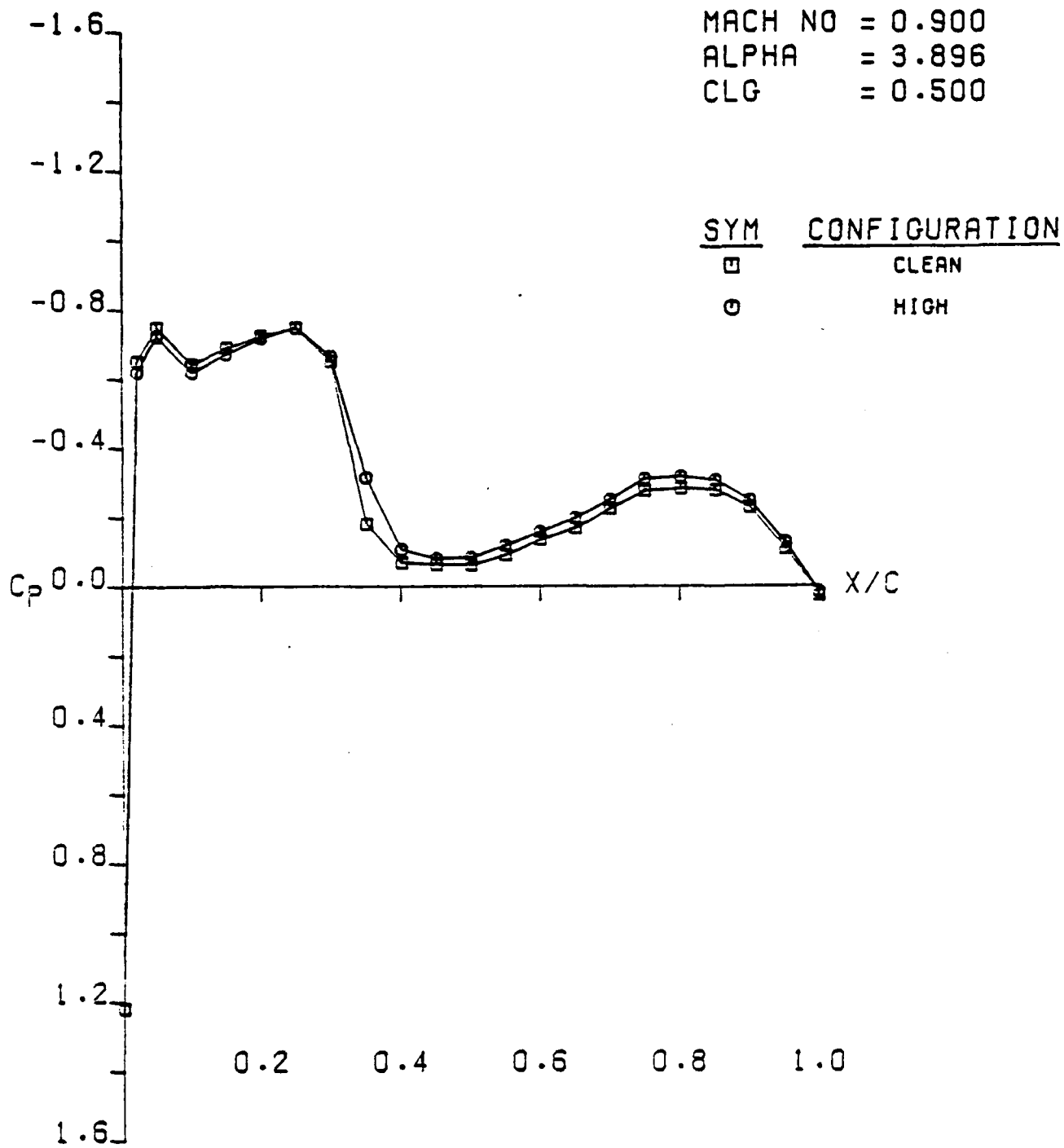
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (UPR SURF ETA .40)
AFOSR SEMISPAN MODEL B



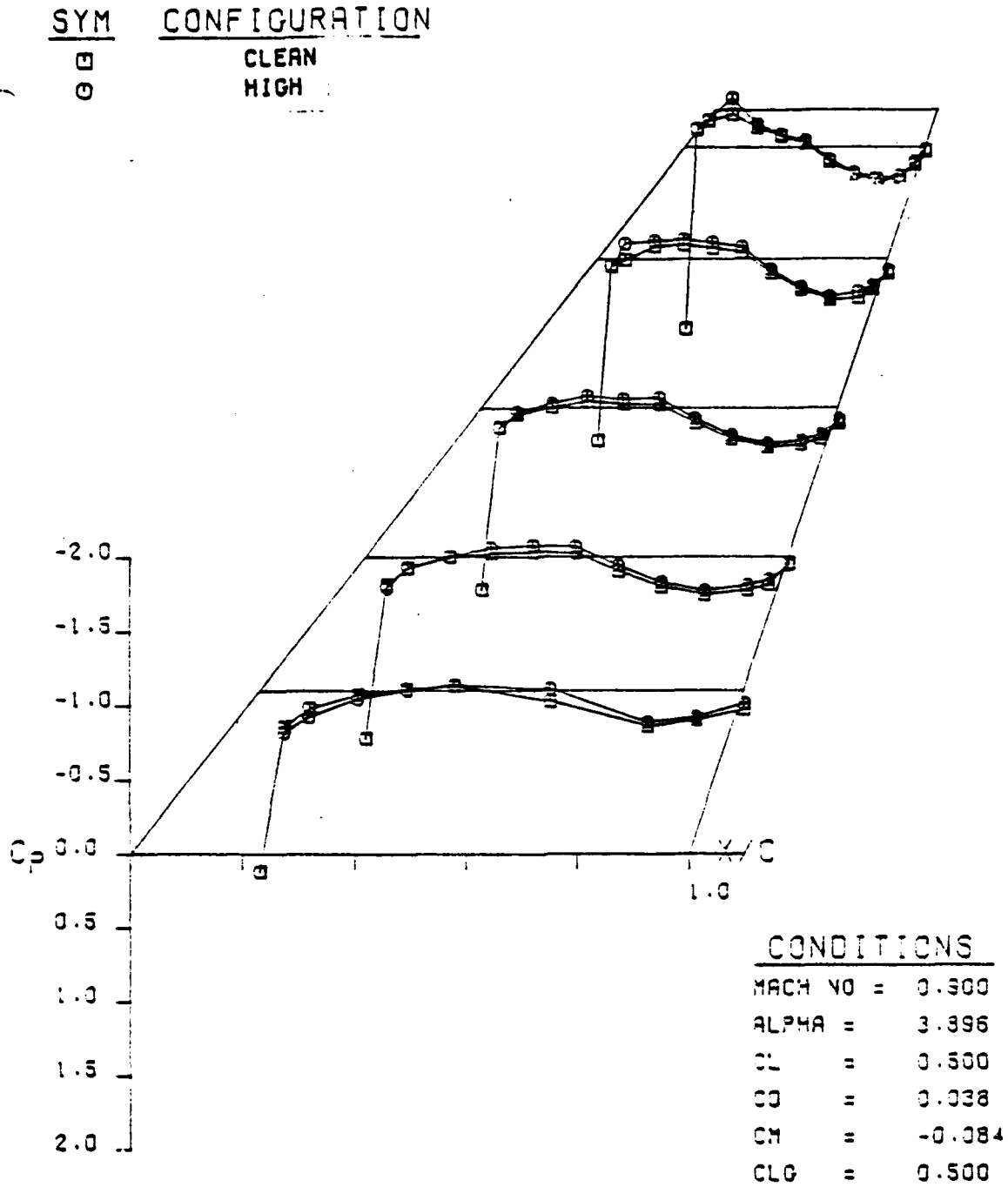
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (UPR SURF ETA .60)
AFOSR SEMISPAN MODEL 3



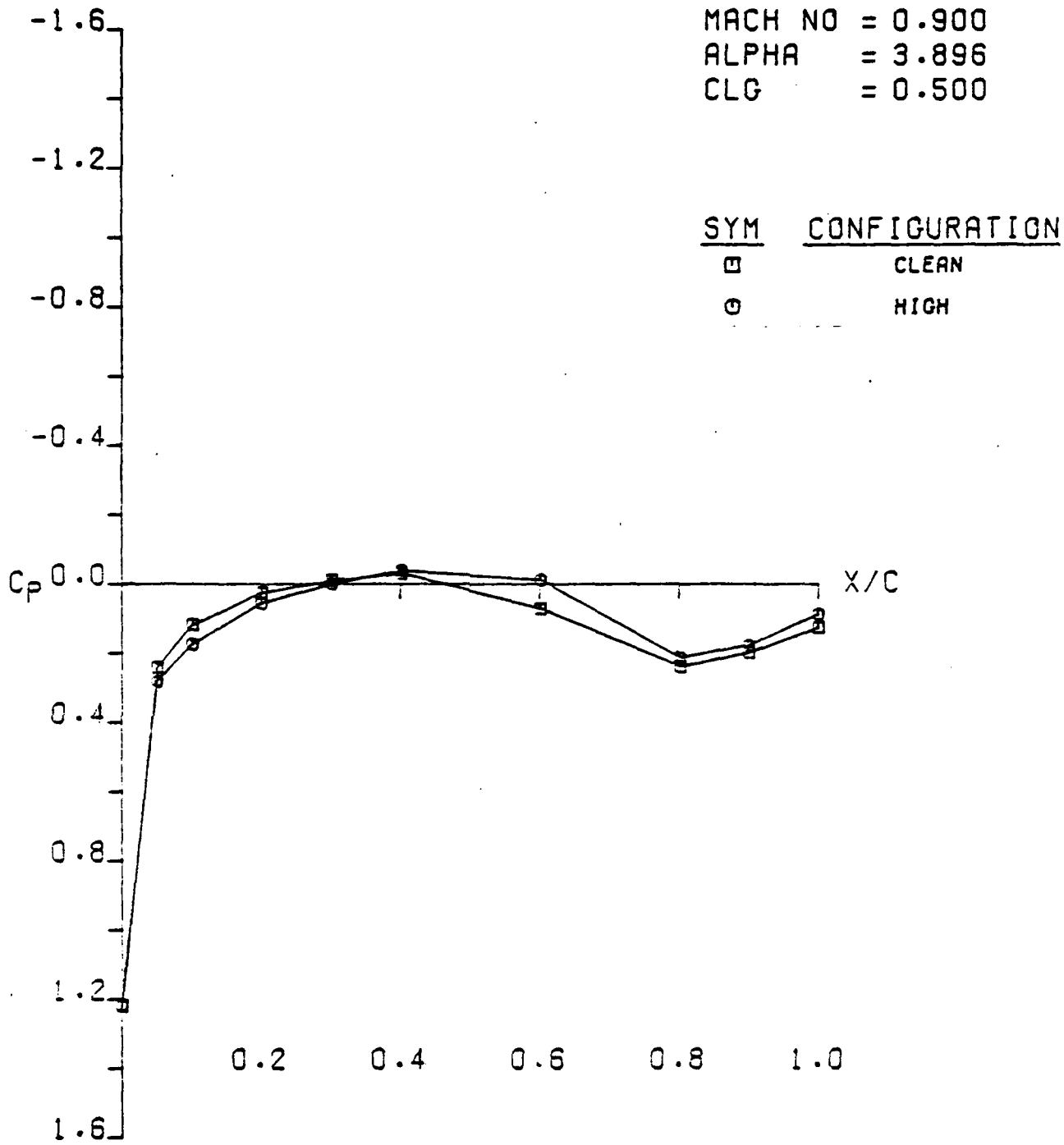
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (UPR SURF ETA .8)
AFOSR SEMISPAN MODEL B



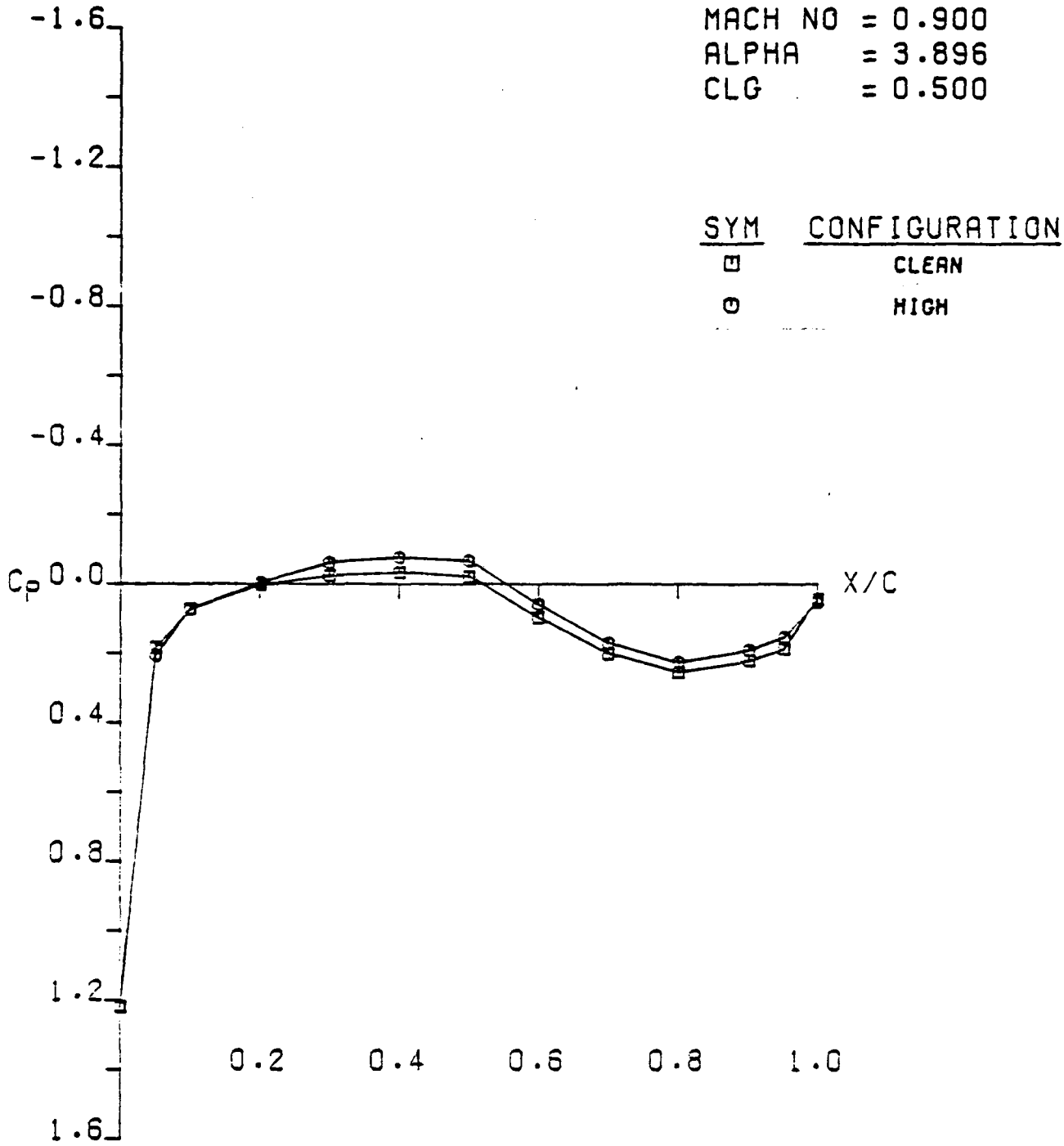
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL 8



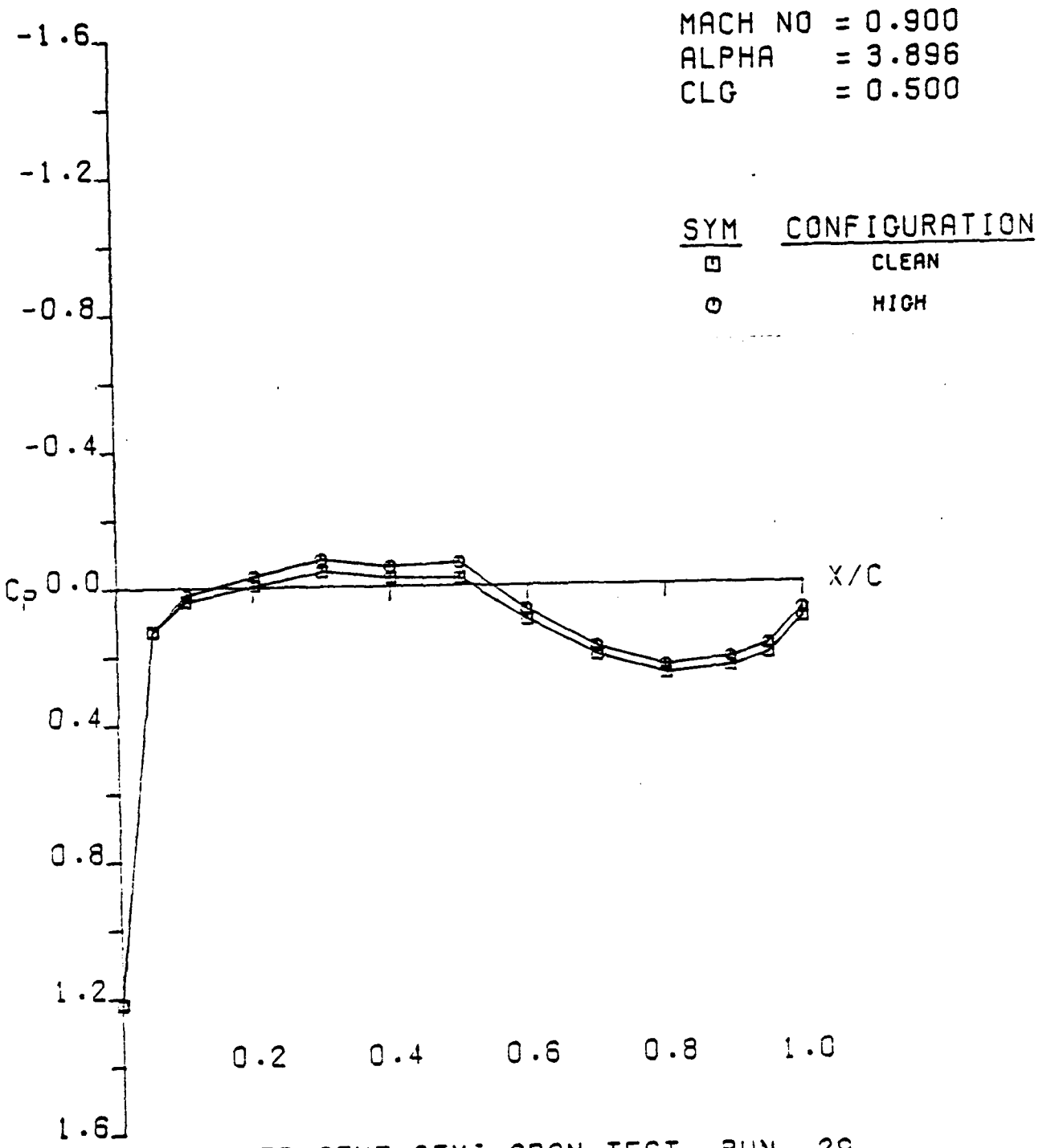
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (LWR SURF)
AFOSR SEMISPAN MODEL B



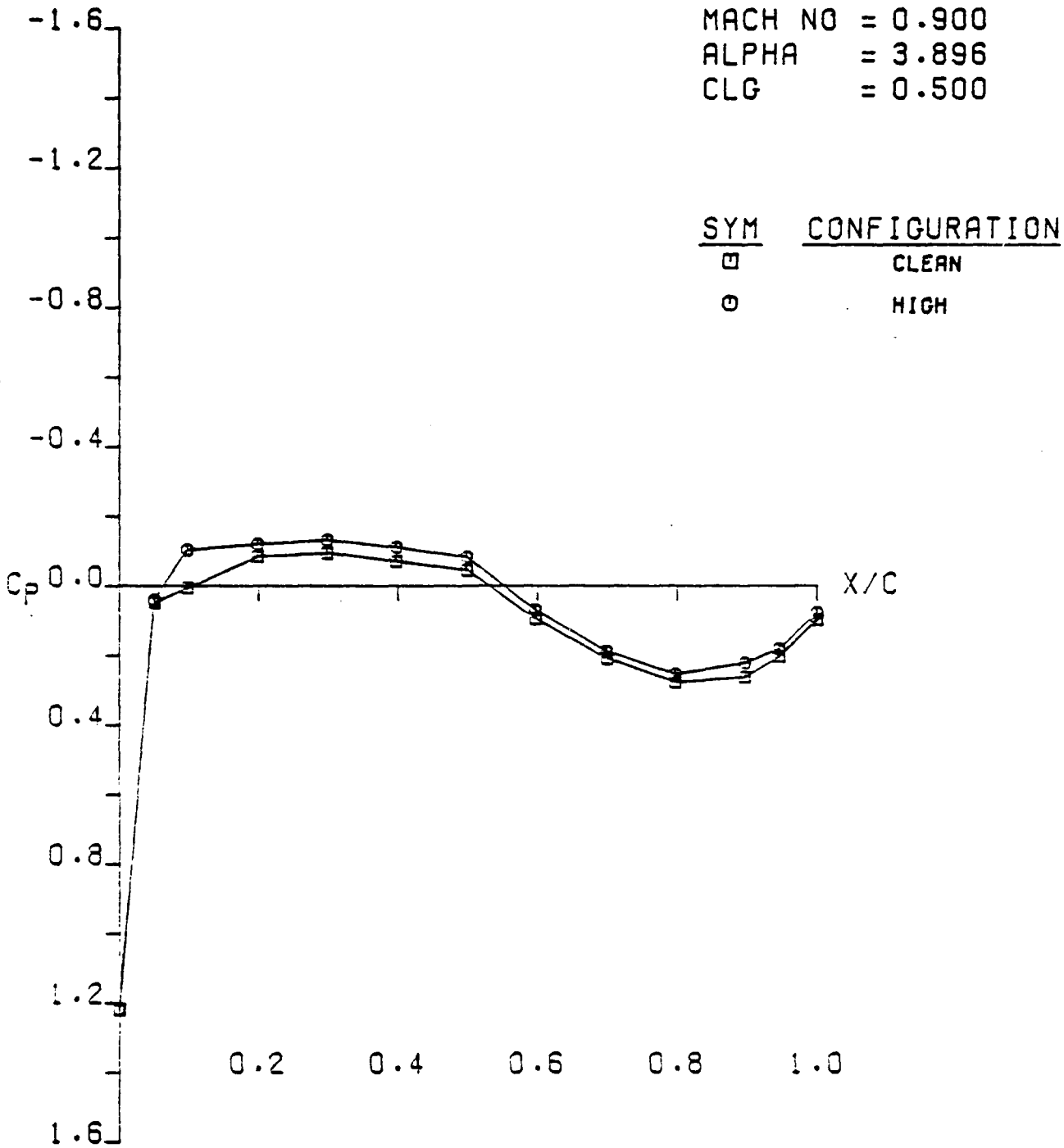
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (LWR SURF ETA.216)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (LWR SURF ETA.4)
AFOSR SEMISPAN MODEL 8



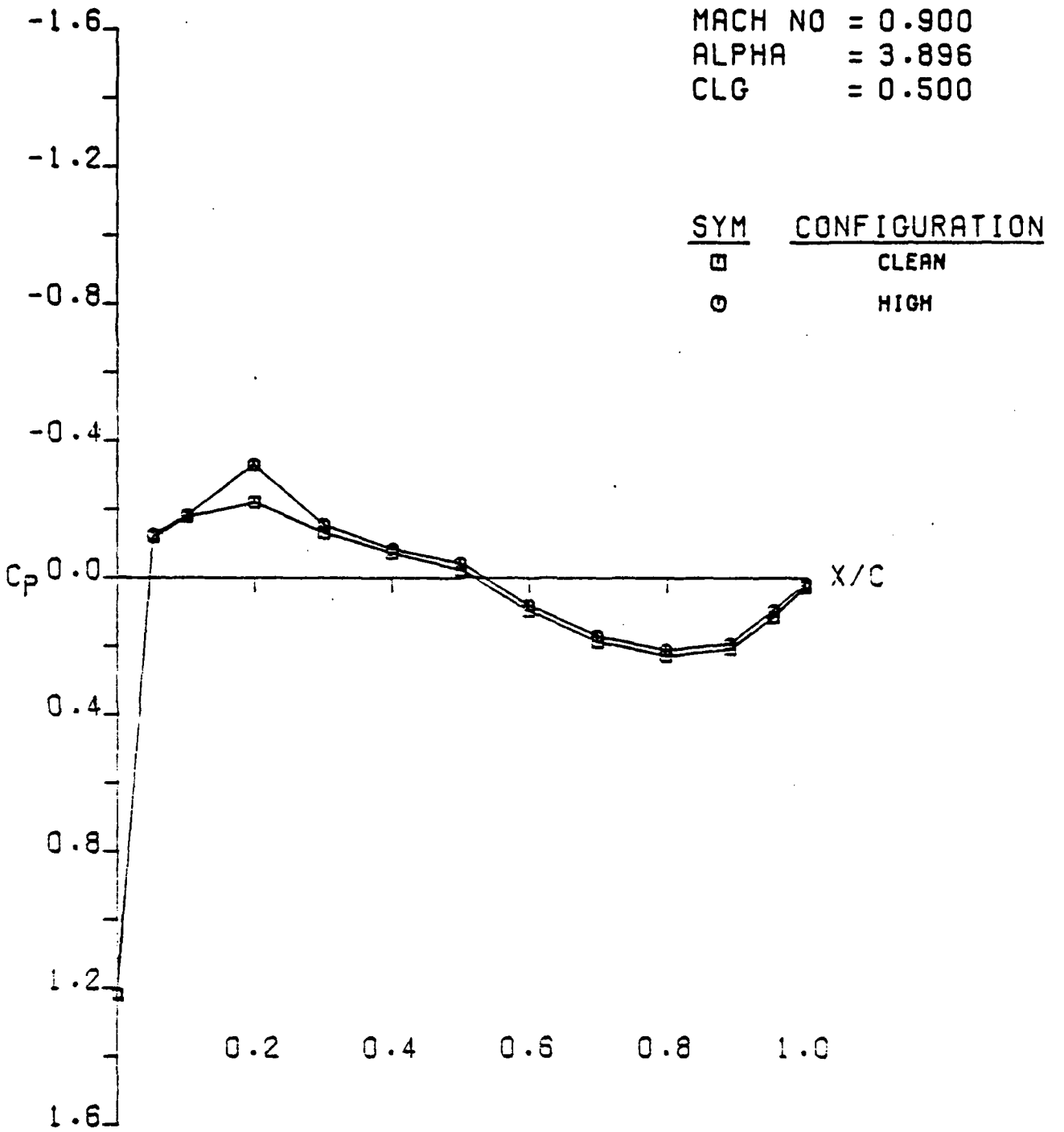
LOCKHEED CFWT SEMI-SPAN TEST. RUN 29
CLN VS HIGH (LWR SURF ETA.60)
AFOSR SEMISPAN MODEL B



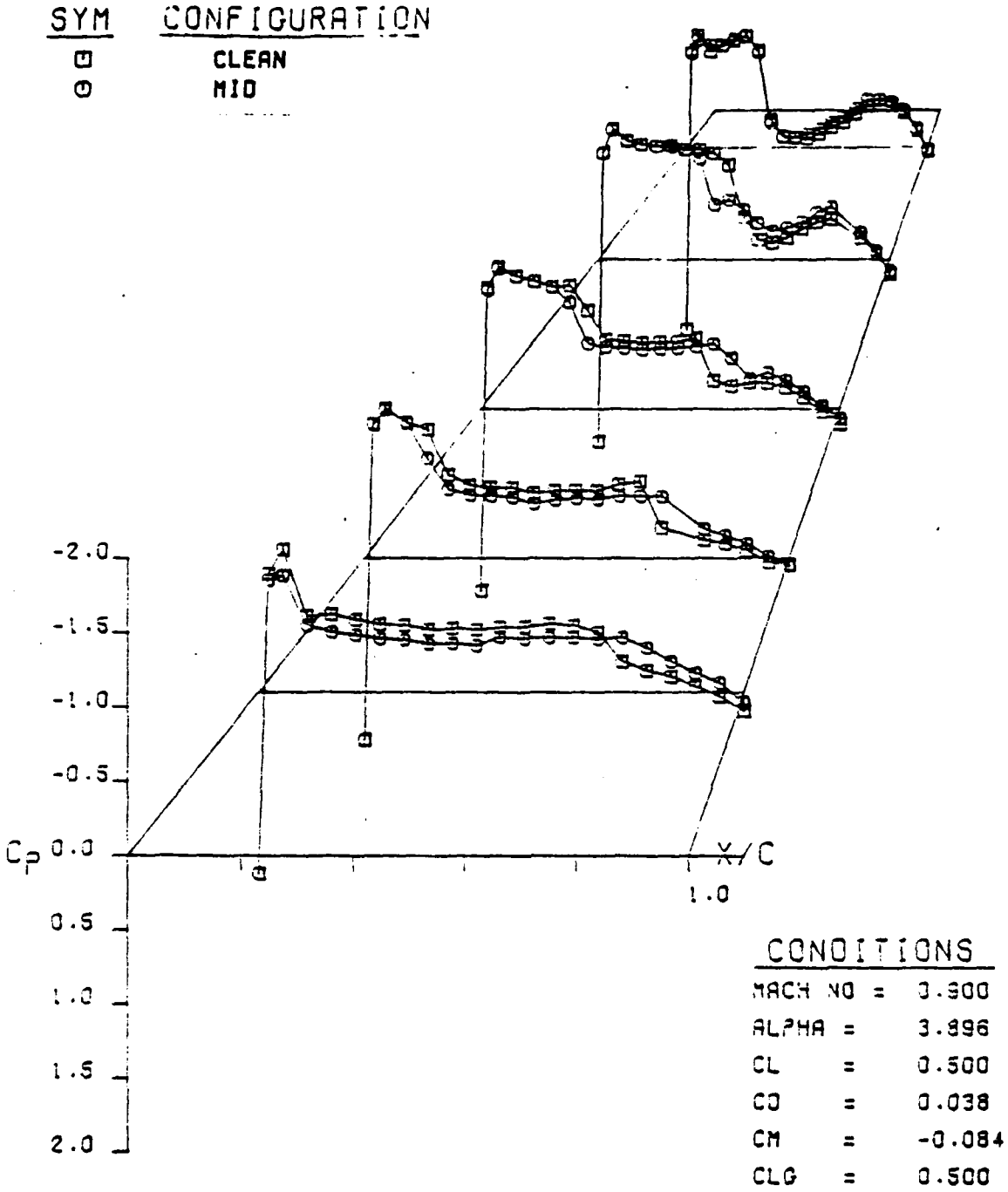
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (LWR SURF ETA.8)
AFOSR SEMISPAN MODEL B

AD-A085 259 LOCKHEED-GEORGIA CO MARIETTA F/G 20/4
ACQUISITION AND APPLICATION OF TRANSONIC WING AND FAR-FIELD TES--ETC(U)
MAR 80 B L HINSON, K P BURDGES F49620-78-C-0068
UNCLASSIFIED LG80ER0012-VOL-2 AFOSR-TR-80-0422-VOL-2-APP NL

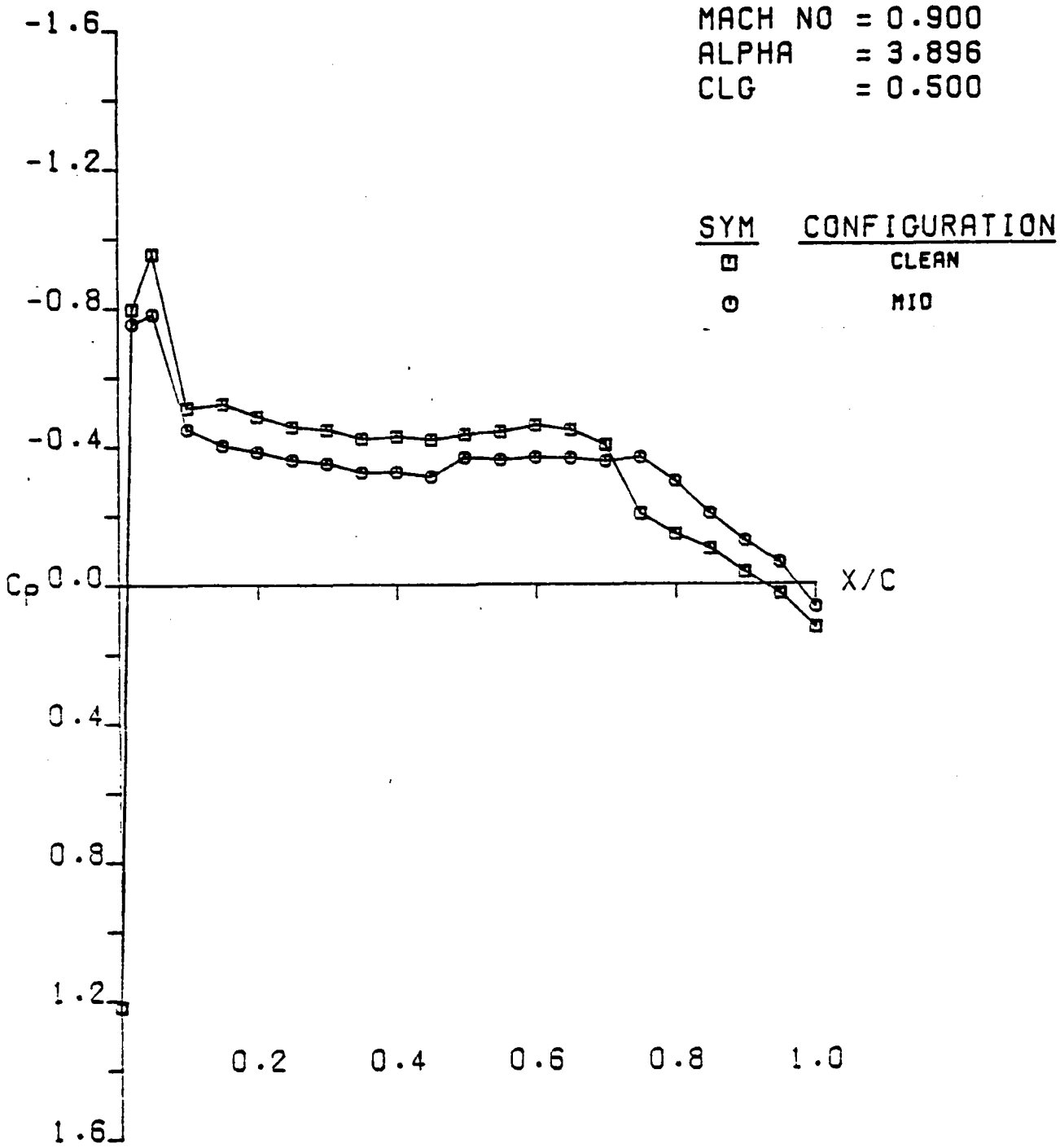
6 OF 8
AD
A085259



LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS HIGH (LWR SURF ETA.95)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS MID (UPR SURF)
AFOSR SEMISPAN MODEL 8



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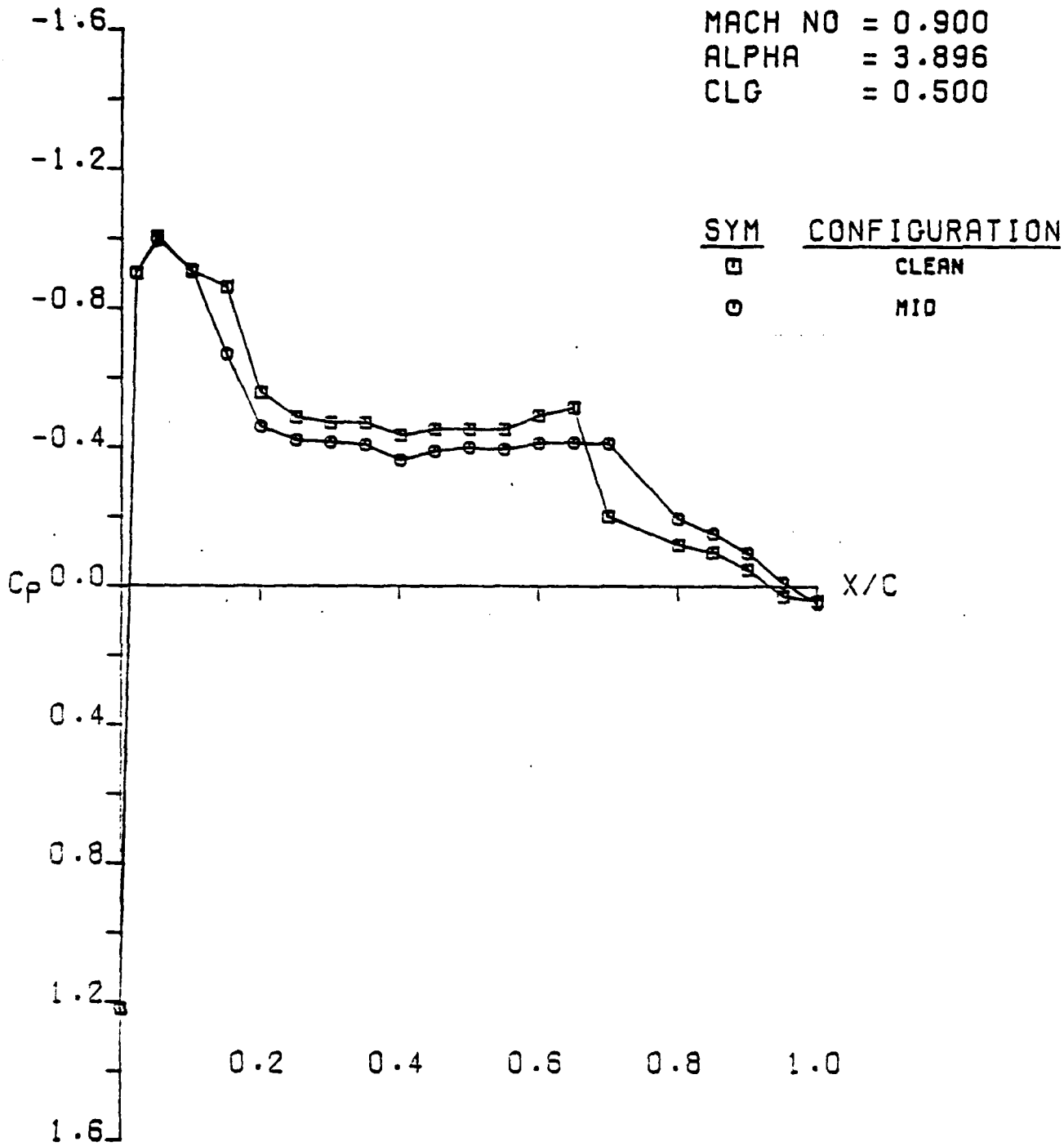
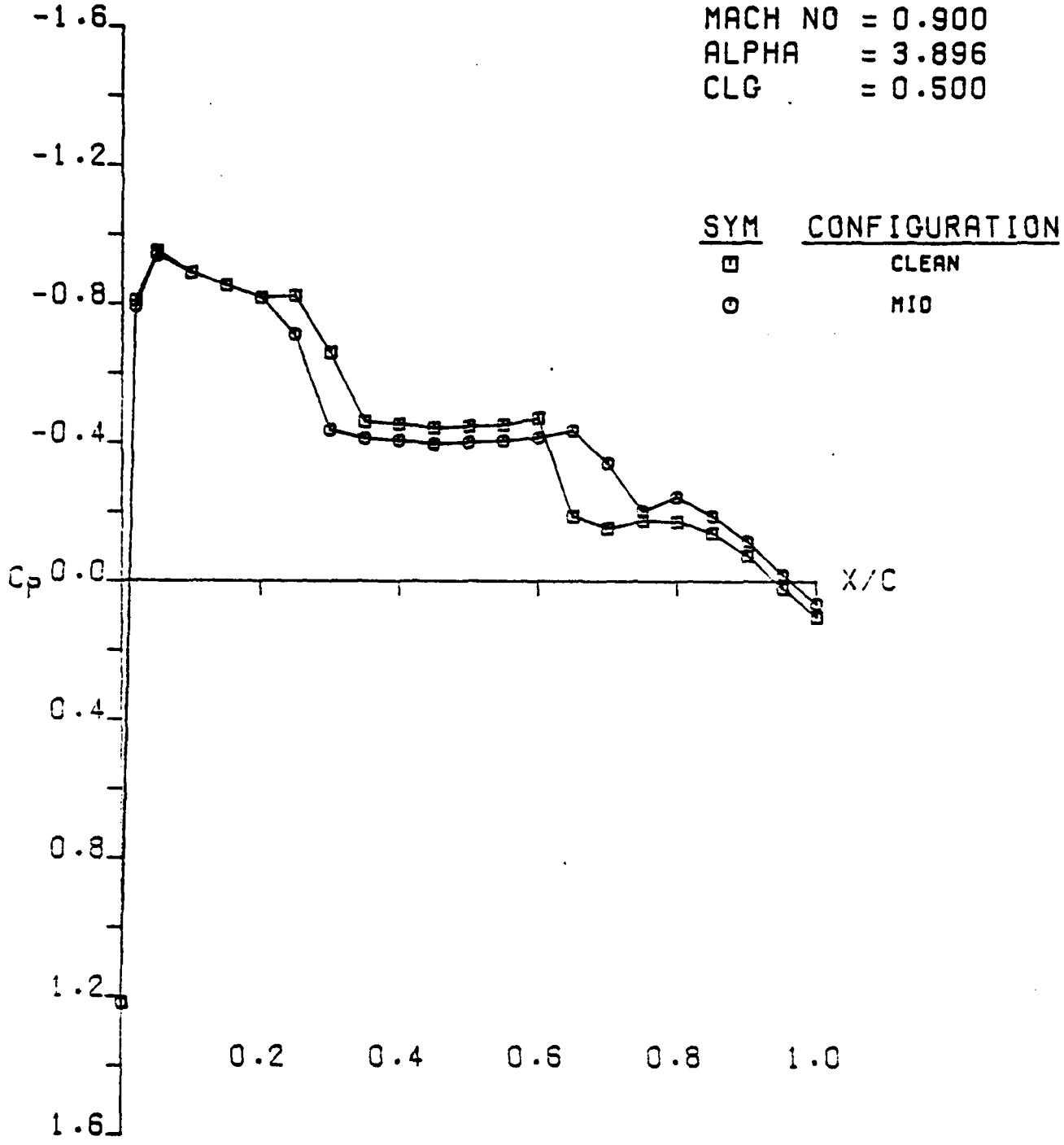
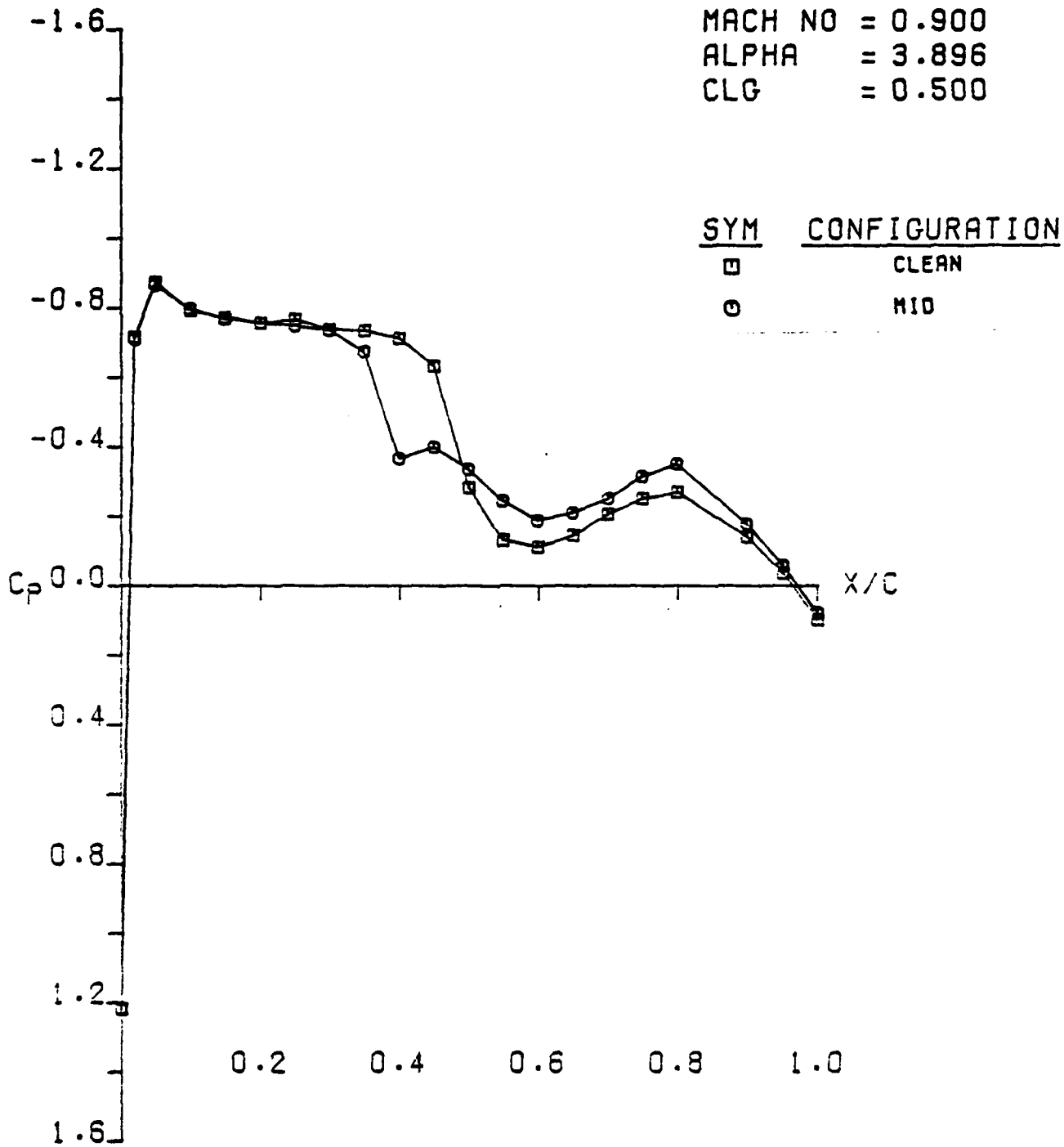
CLN VS MID (UPR SURF ETA.216)
AFOSR SEMISPAN MODEL B



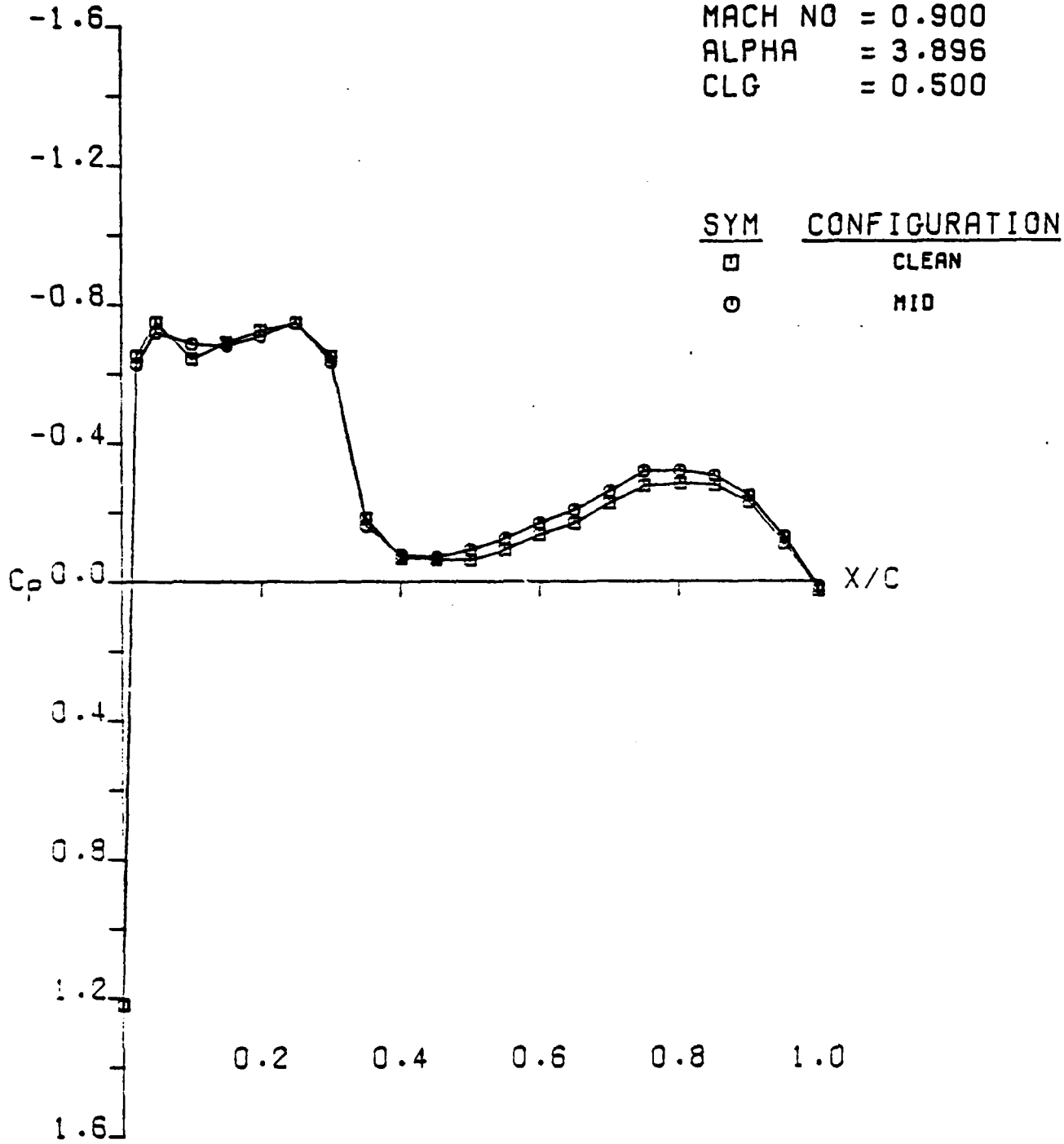
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS MID (UPR SURF ETA .40)
AFOSR SEMISPAN MODEL 8



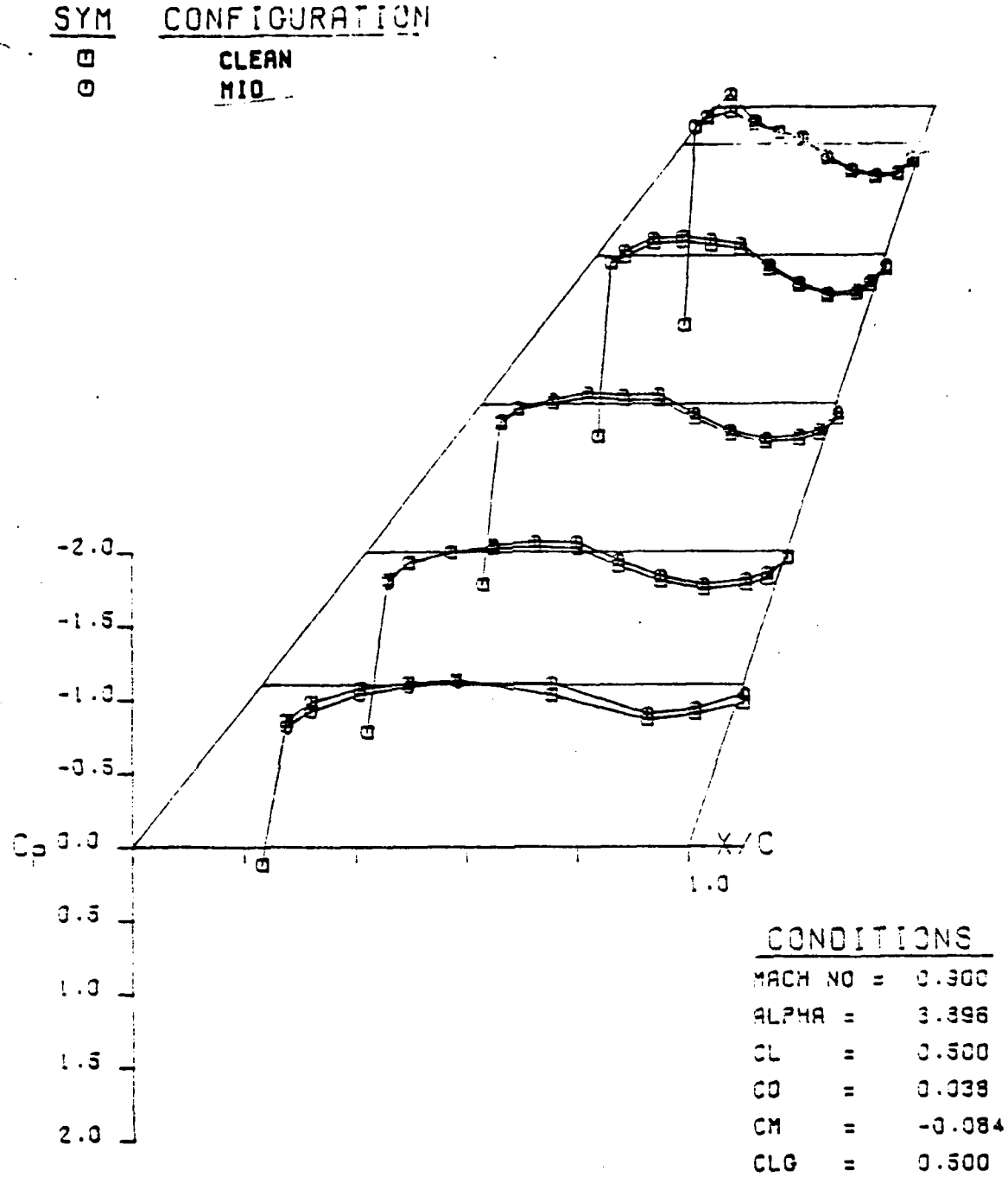
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS MID (UPR SURF ETA .60)
AFOSR SEMISPAN MODEL 8



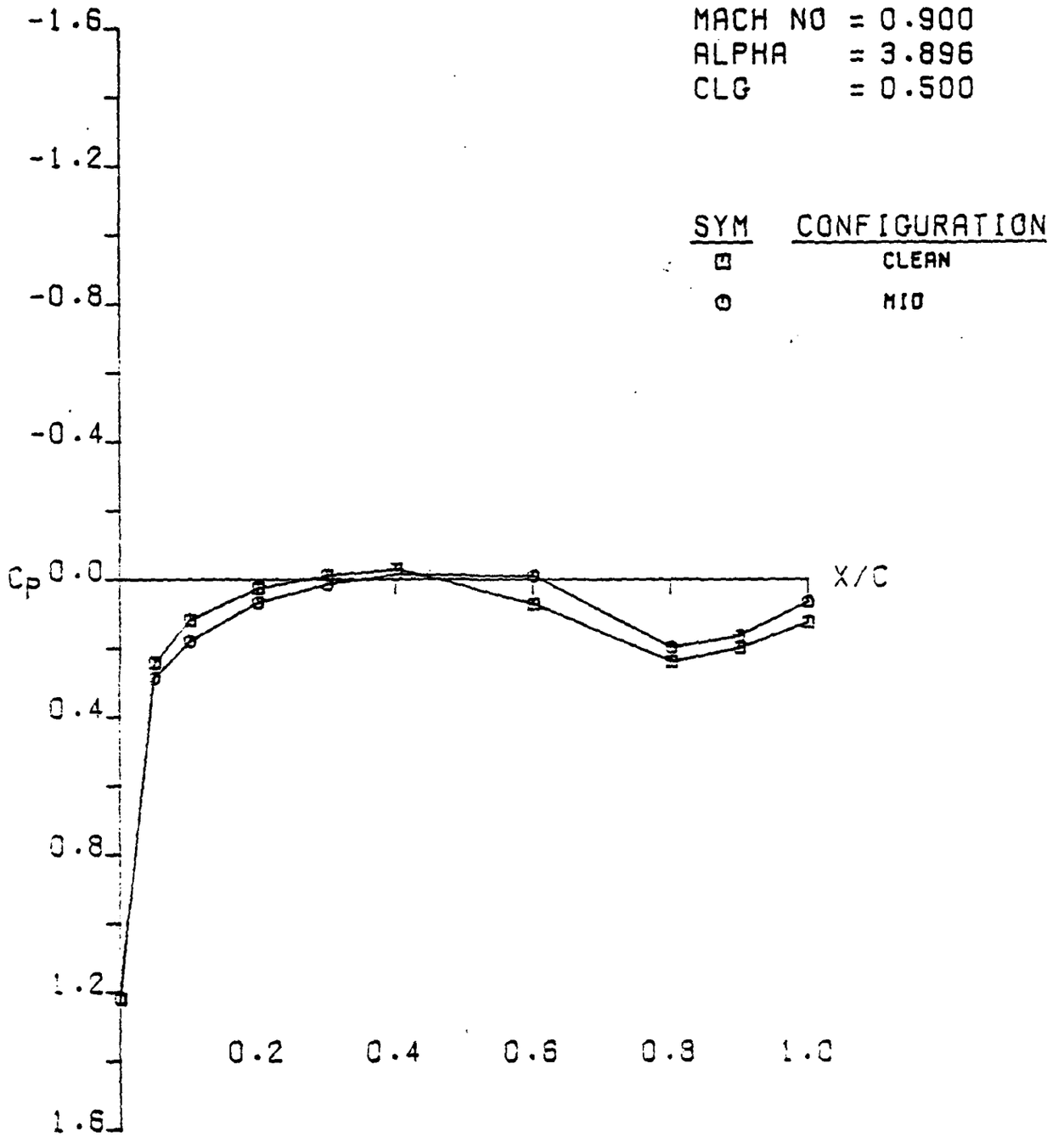
LOCKHEED CFWT SEMI-SPAN TEST. RUN 29
CLN VS MID (UPR SURF ETA .8)
AFOSR SEMISPAN MODEL B



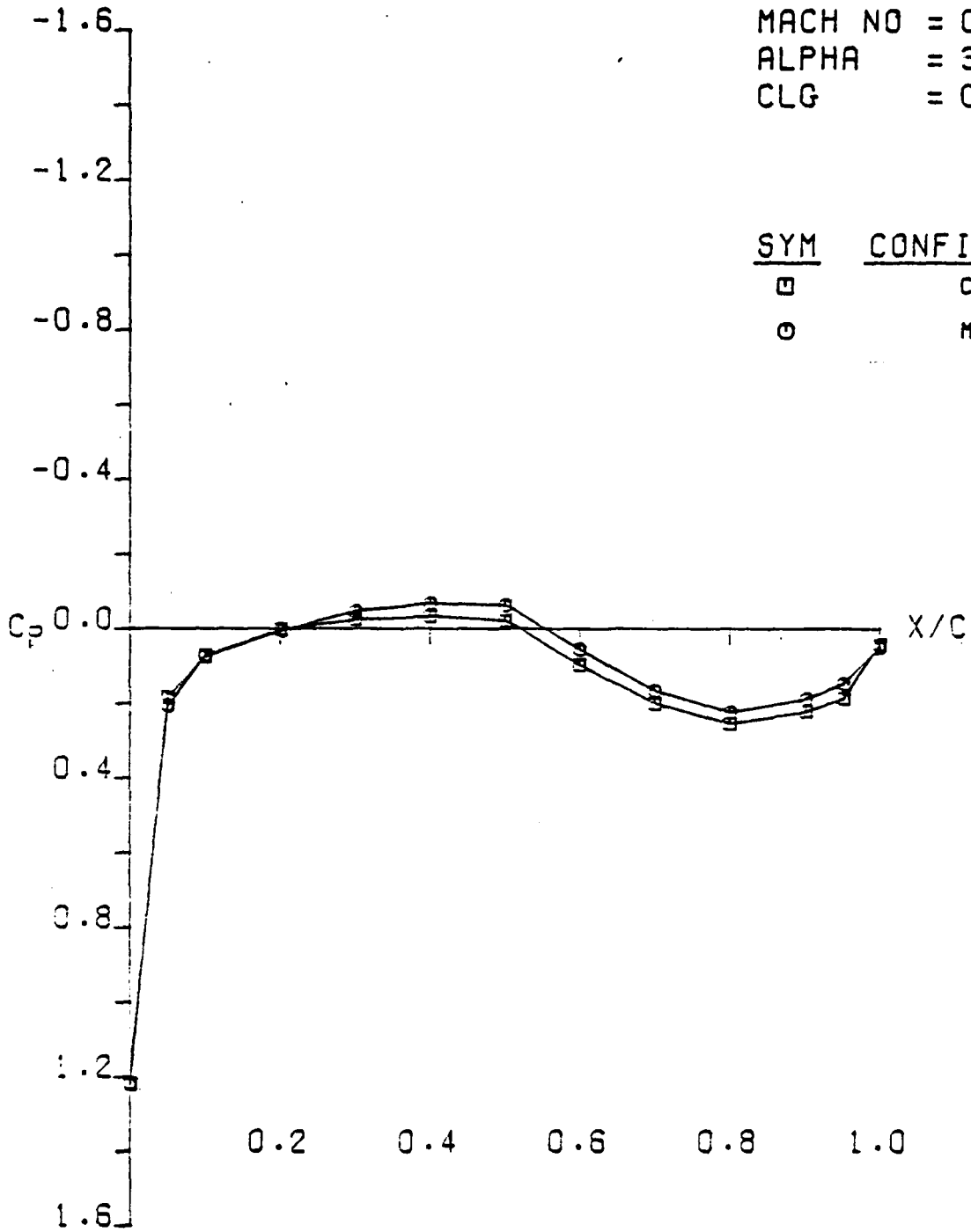
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS MID (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL B



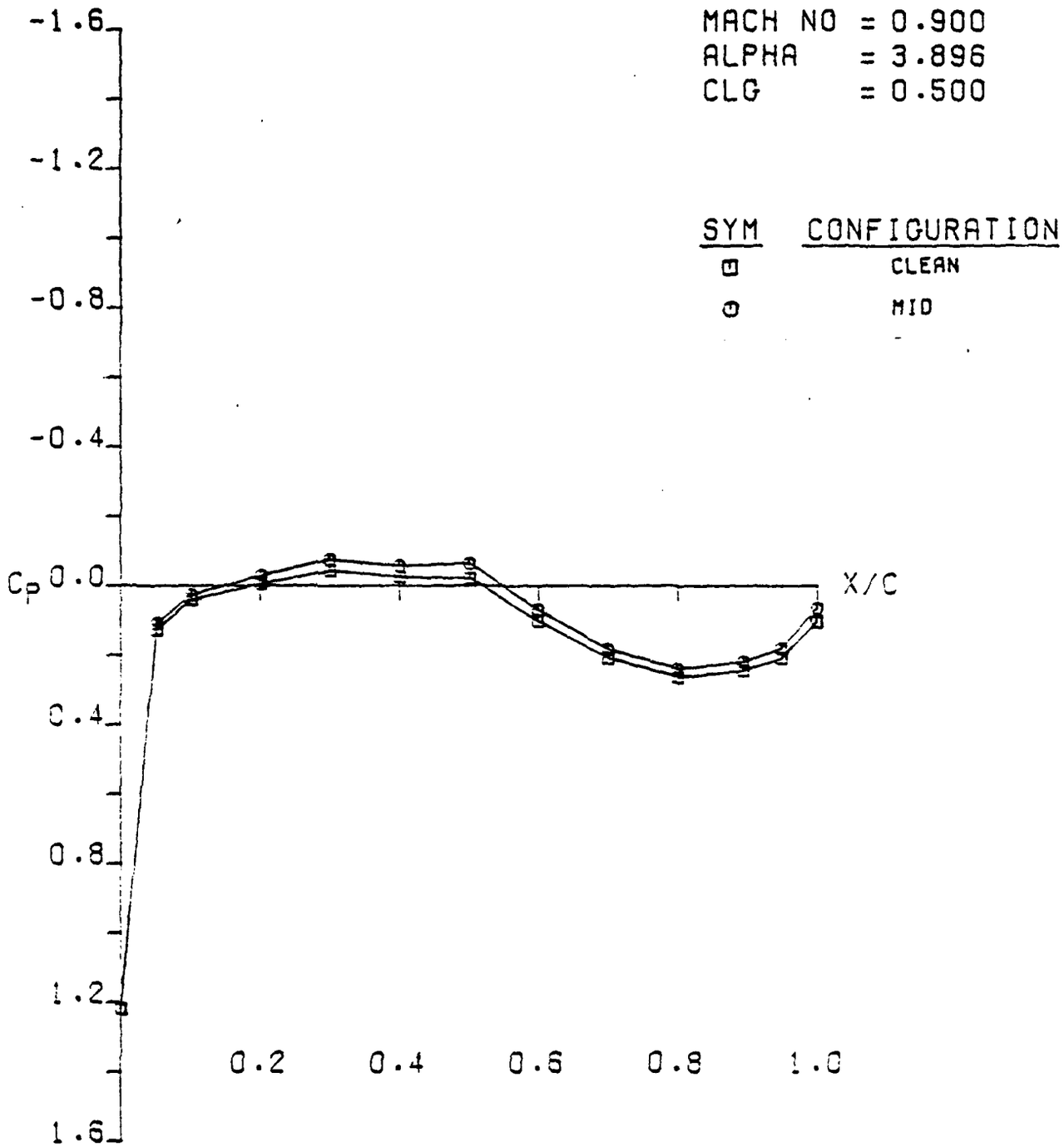
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS MID (LWR SURF)
AFOSR SEMISPAN MODEL 3



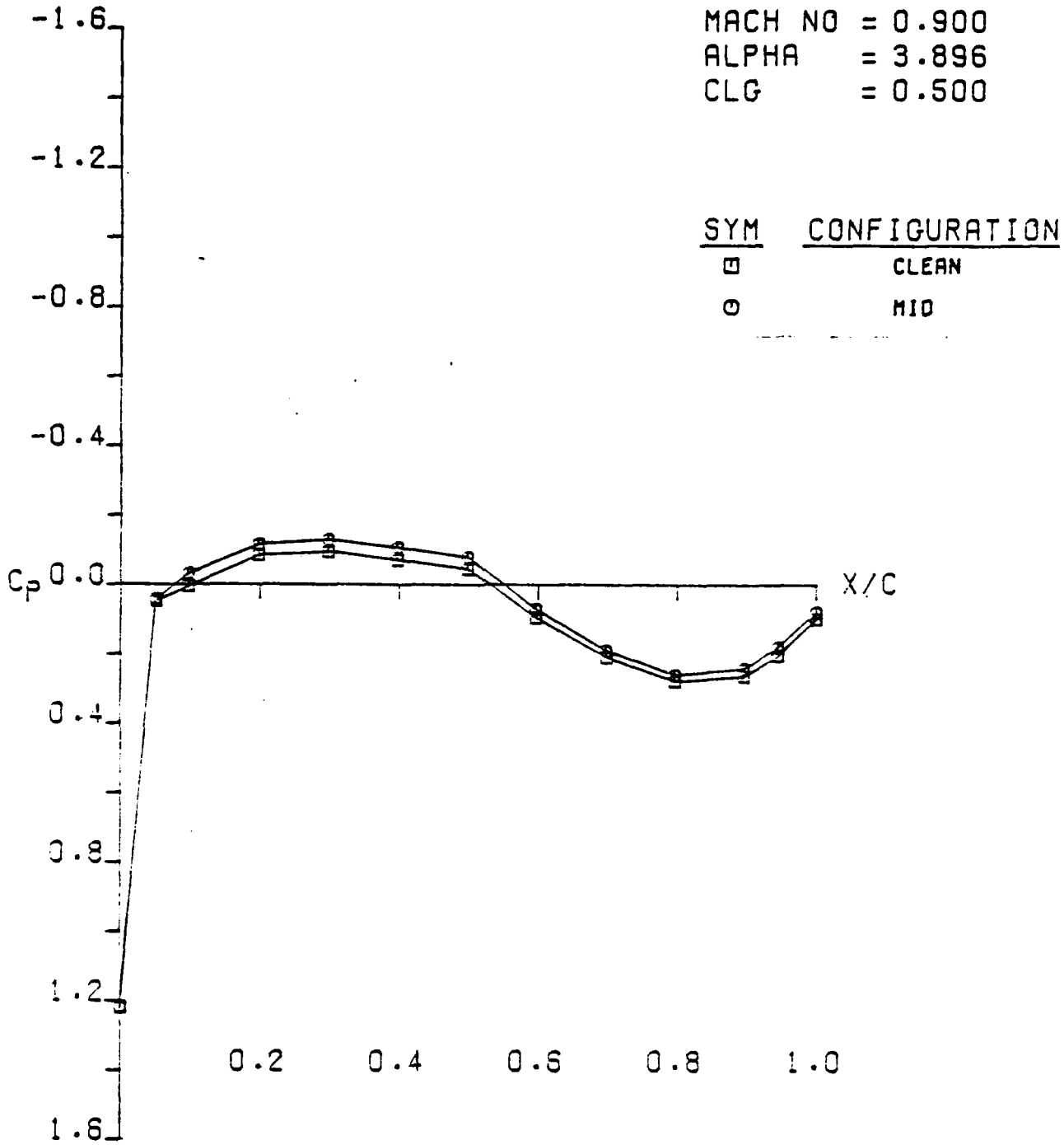
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS MID (LWR SURF ETA.216)
AFOSR SEMISPAN MODEL B



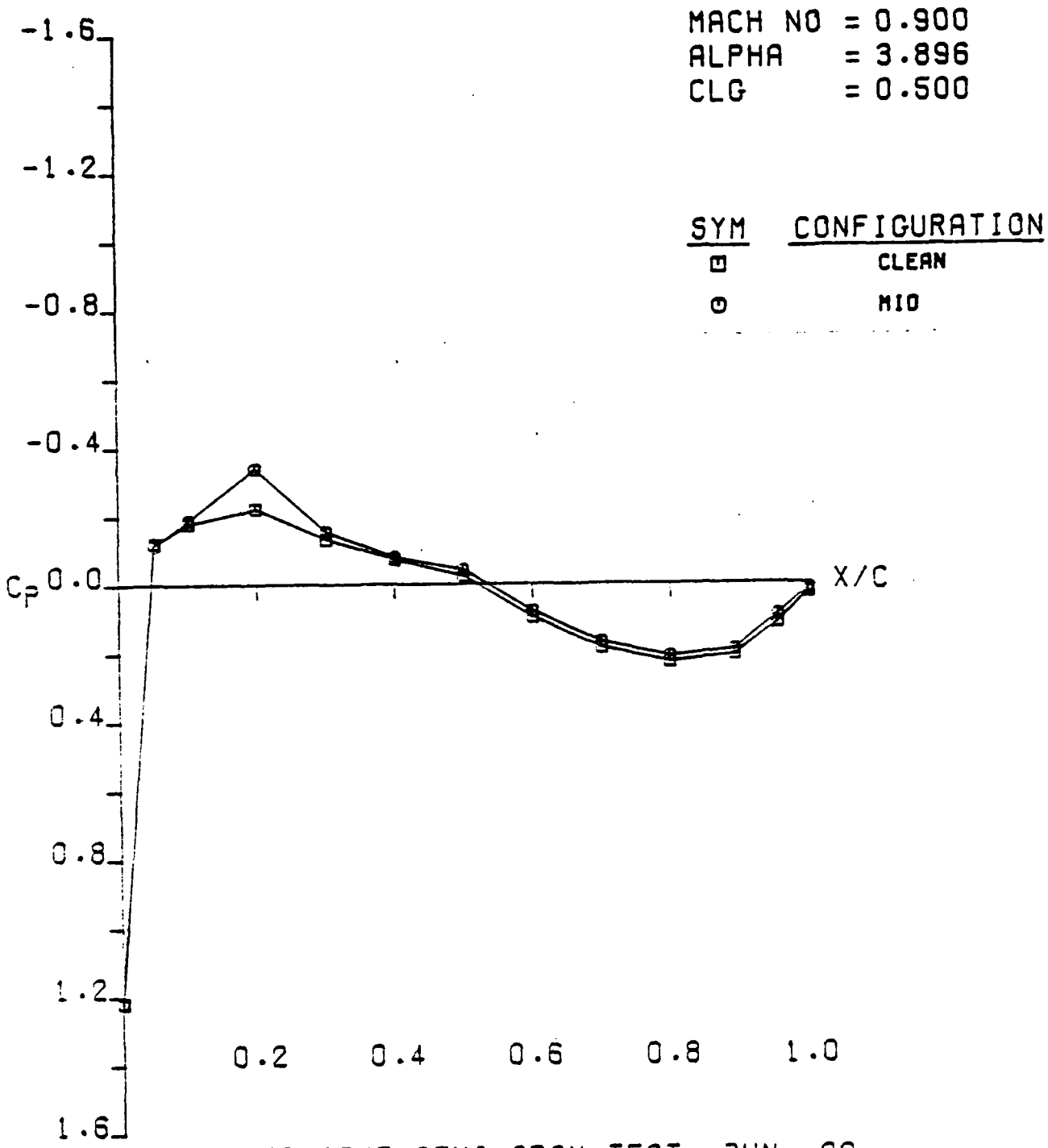
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS MID (LWR SURF ETA.4)
AFOSR SEMISPAN MODEL 3



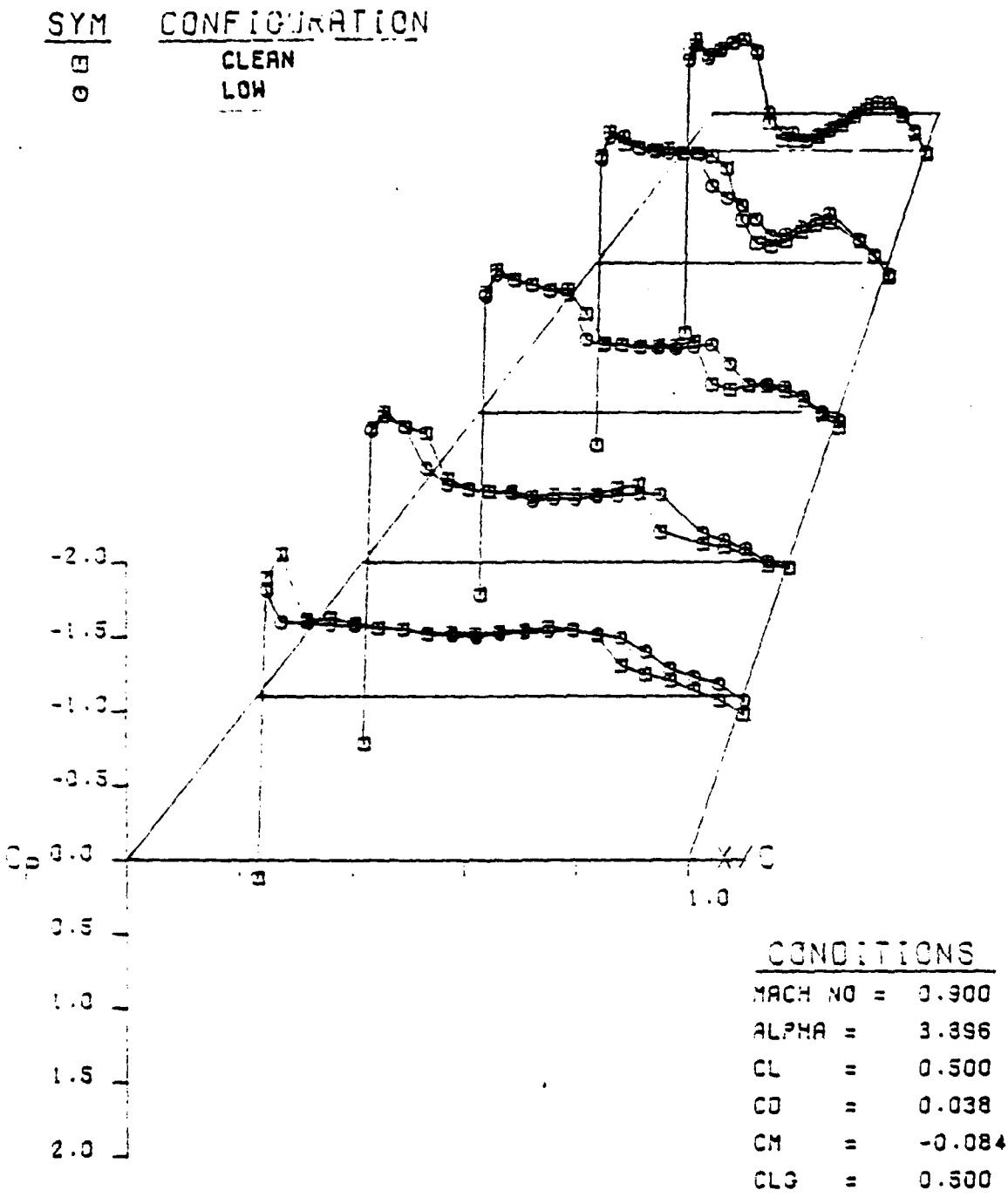
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS MID (LWR SURF ETA.60)
AFOSR SEMISPAN MODEL B



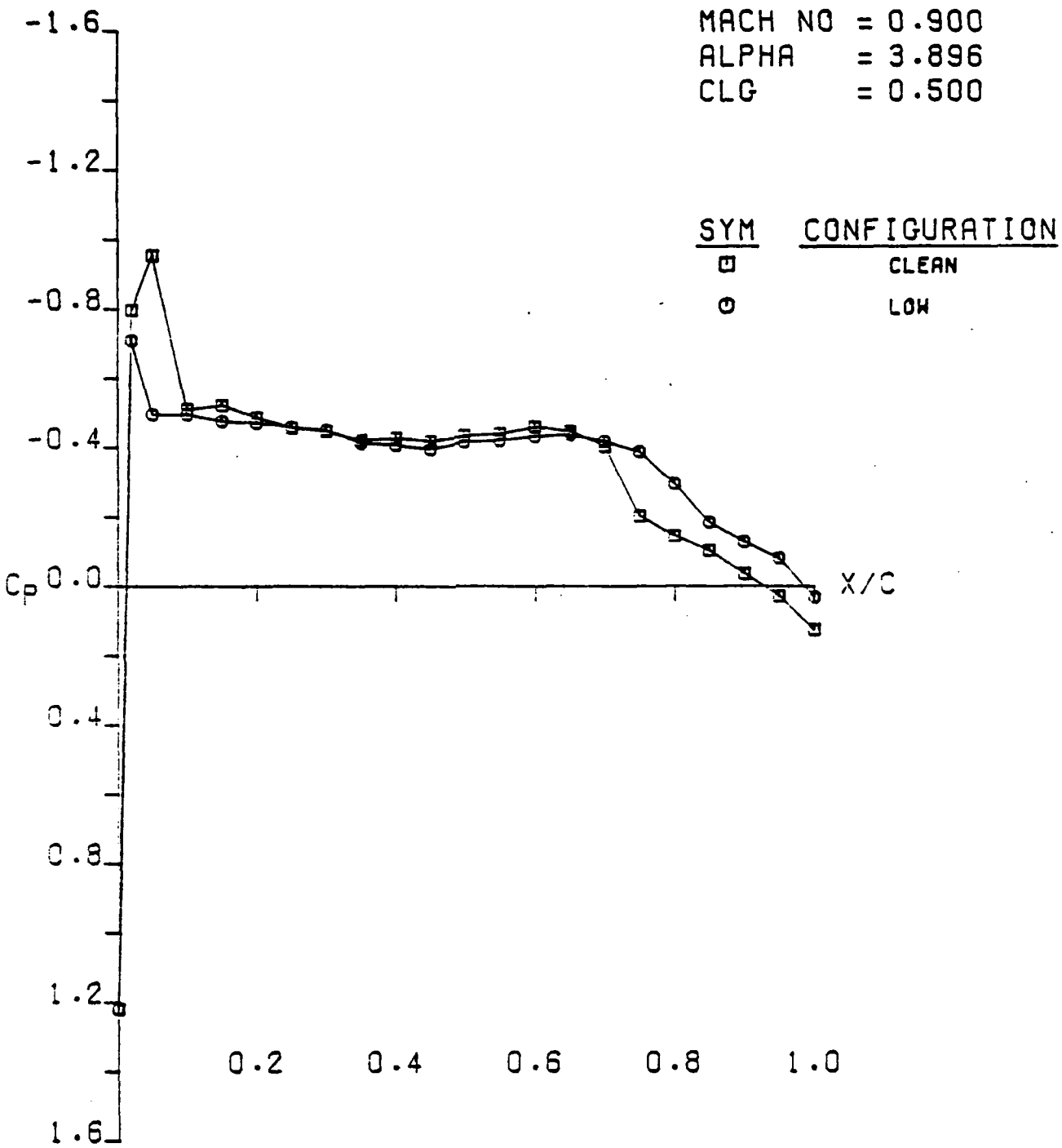
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS MID (LWR SURF ETA.8)
AFOSR SEMISPAN MODEL 3



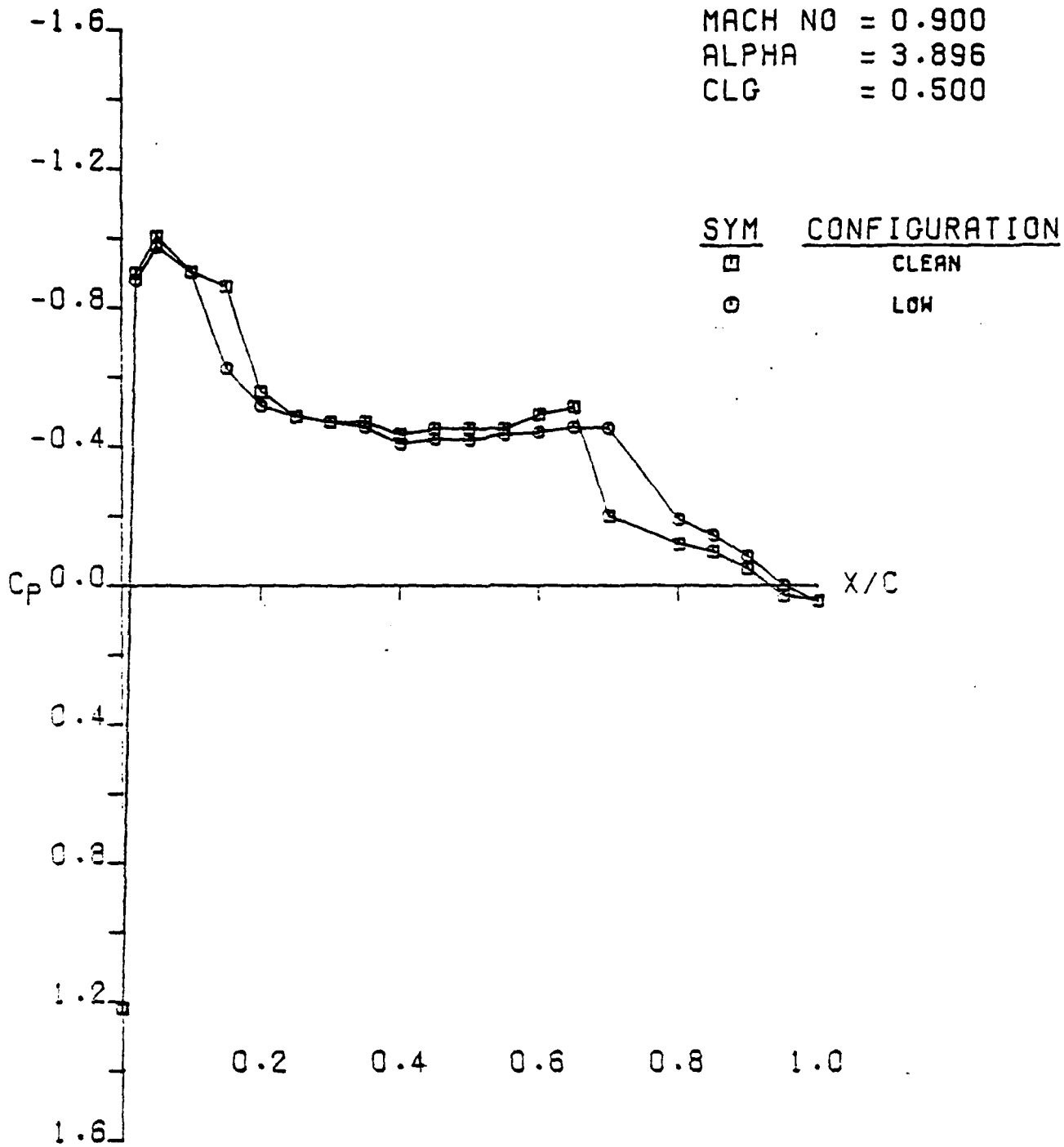
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS MID (LWR SURF ETA.95)
AFOSR SEMISPAN MODEL 3



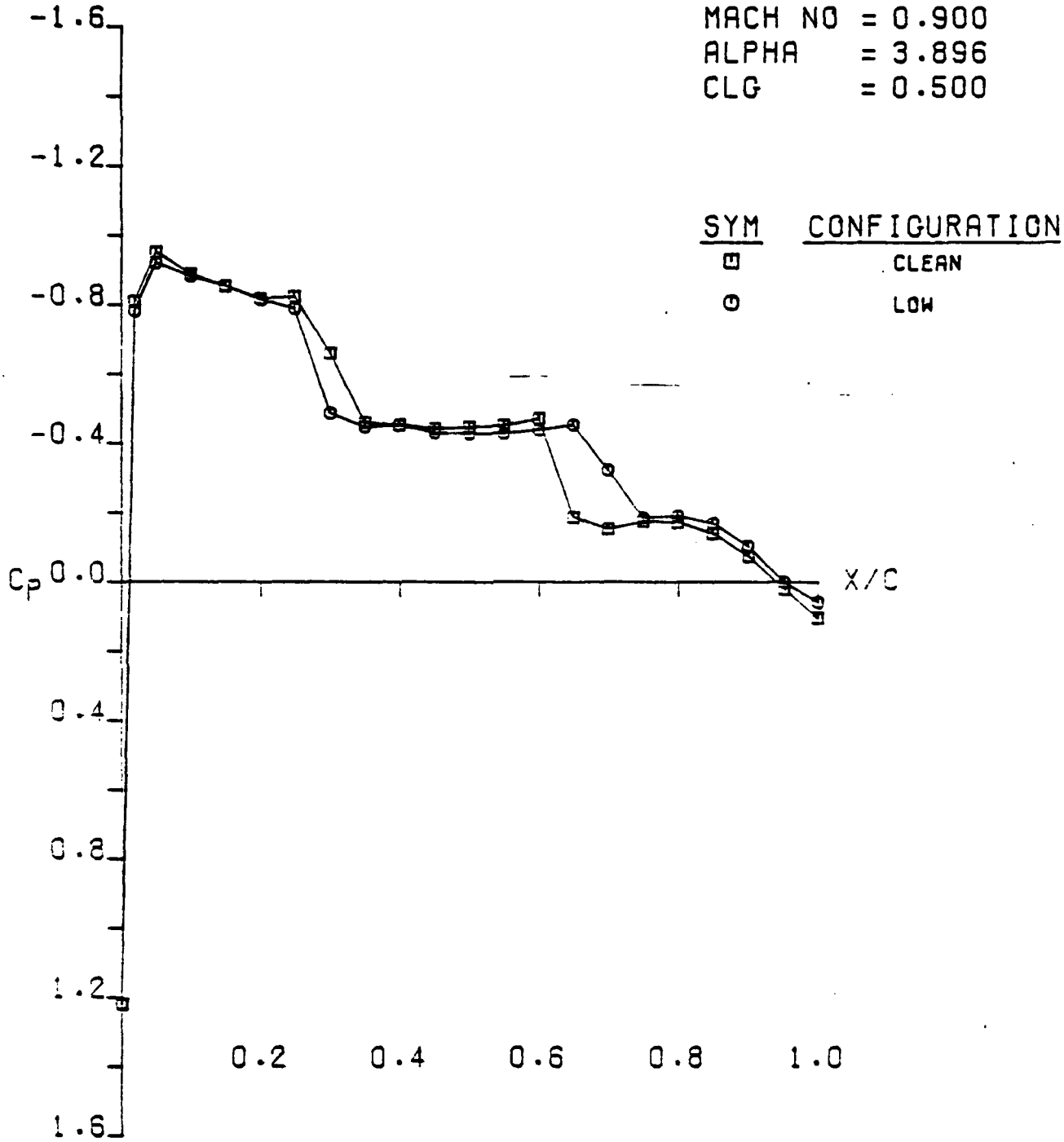
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (UPR SURF)
AFOSR SEMISPAN MODEL B



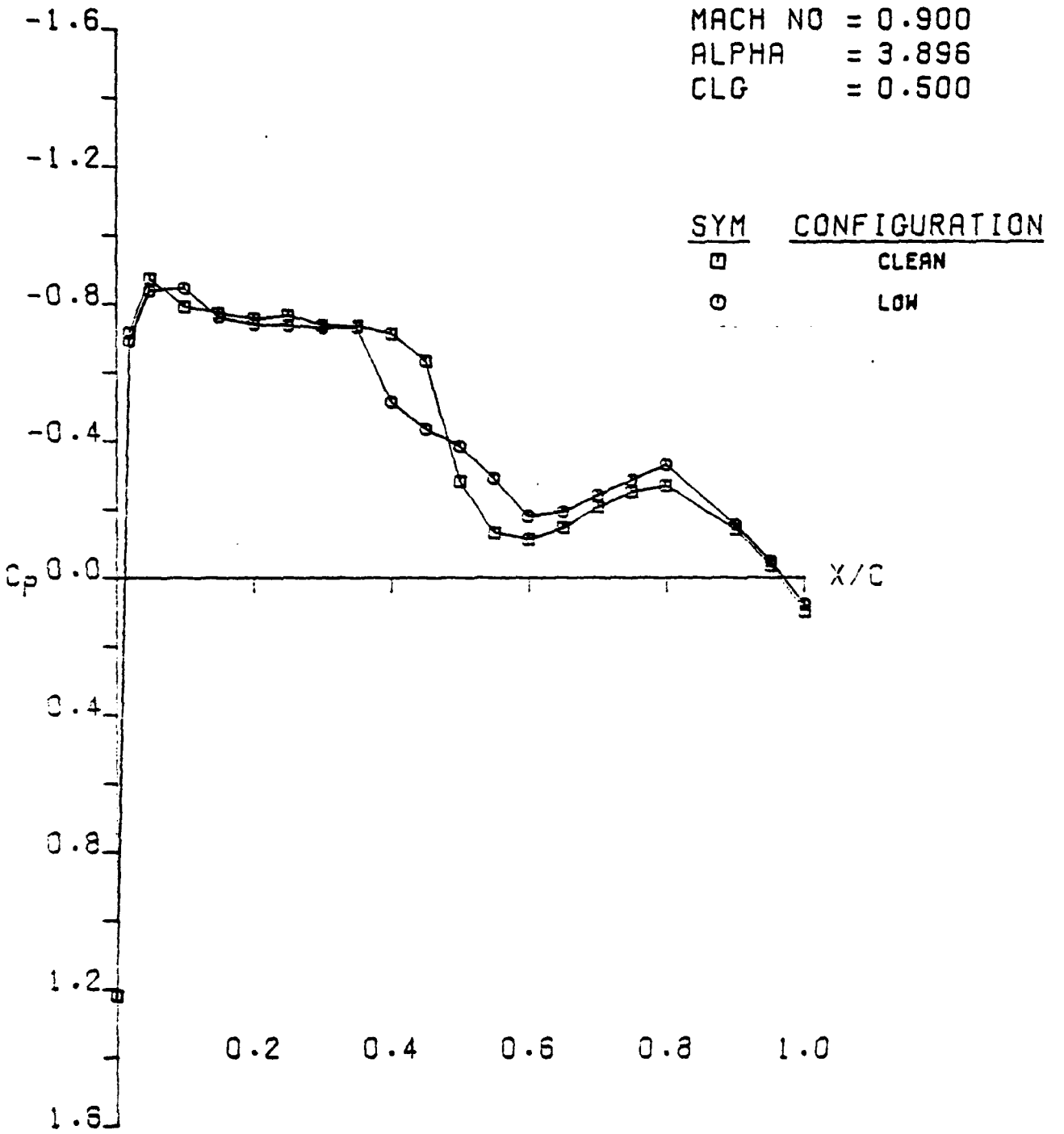
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (UPR SURF ETA.216)
AFOSR SEMISPAN MODEL B



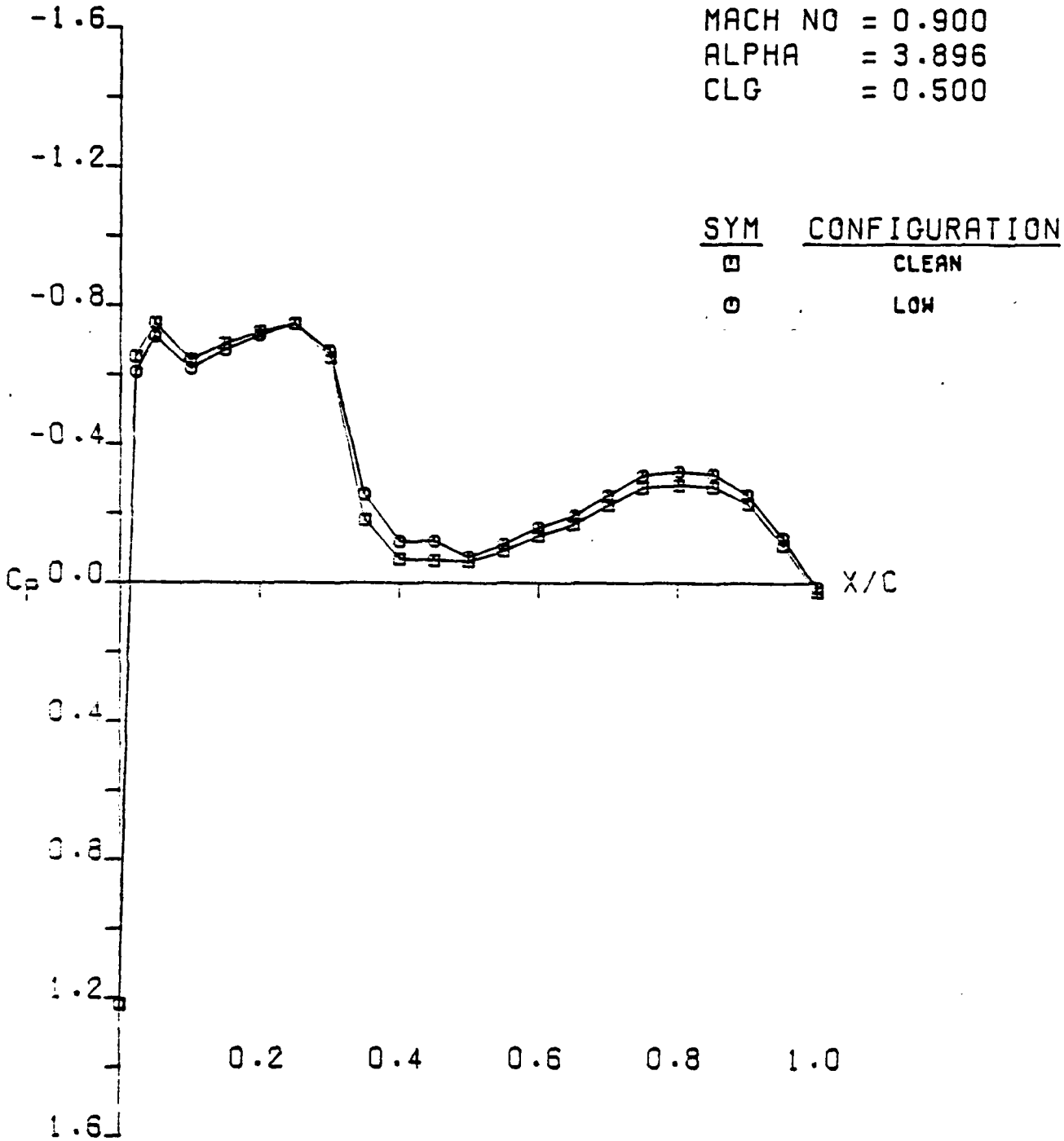
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (UPR SURF ETA .40)
AFOSR SEMISPAN MODEL 8



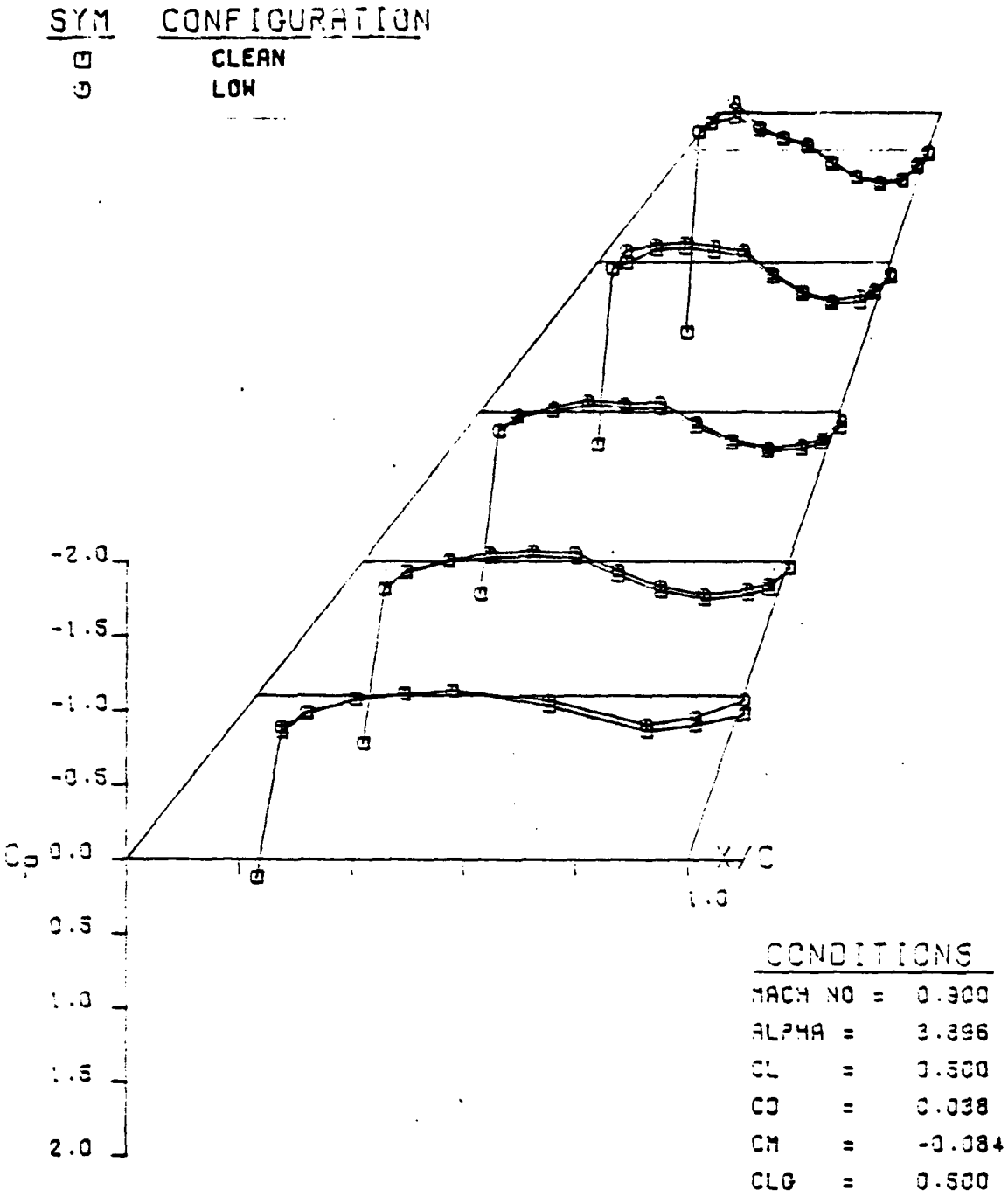
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (UPR SURF ETA .60)
AFOSR SEMISPAN MODEL B



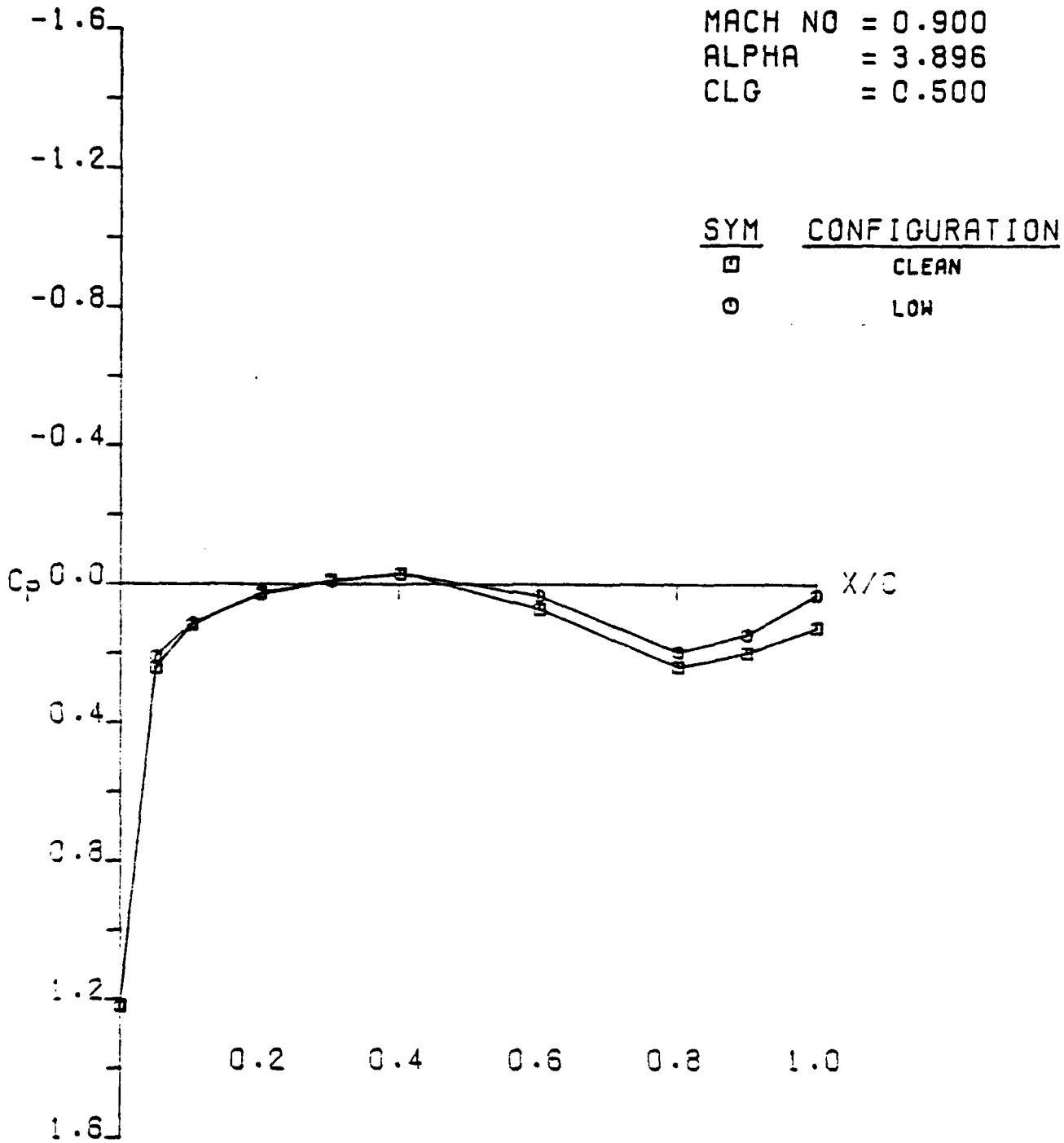
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (UPR SURF ETA .8)
AFOSR SEMISPAN MODEL 8



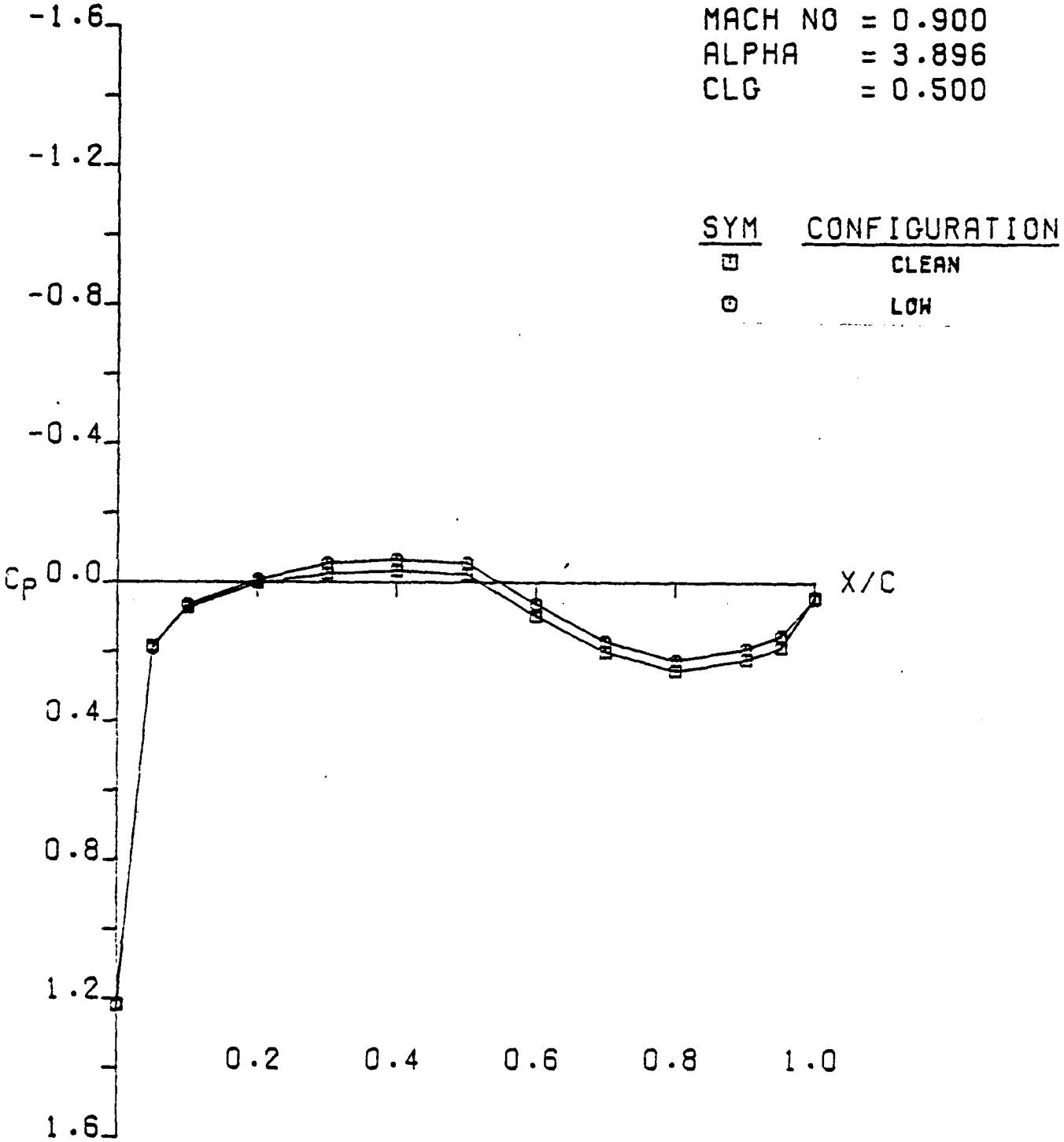
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (UPR SURF ETA .95)
AFOSR SEMISPAN MODEL B



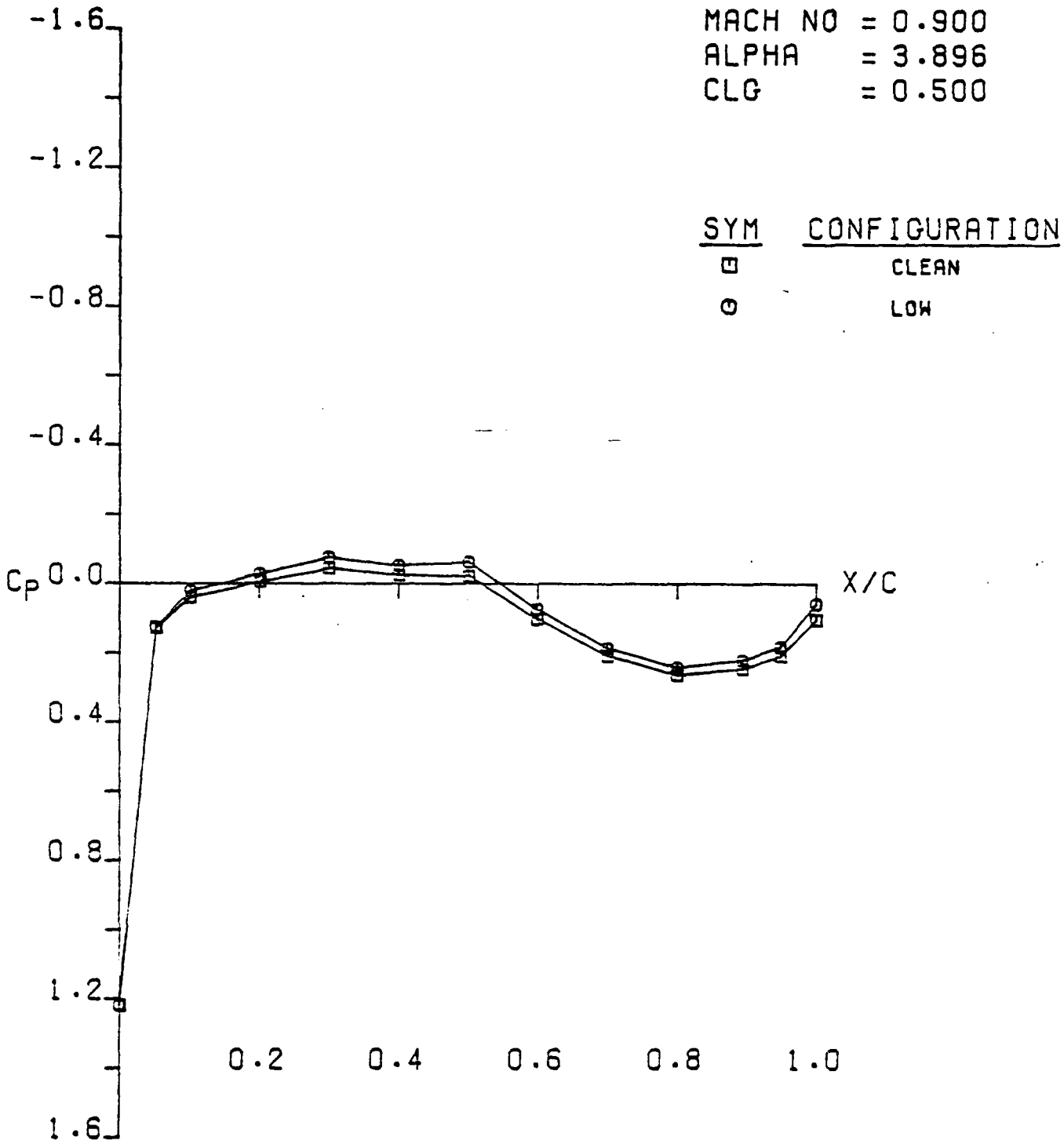
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (LWR SURF)
AFOSR SEMISPAN MODEL 3



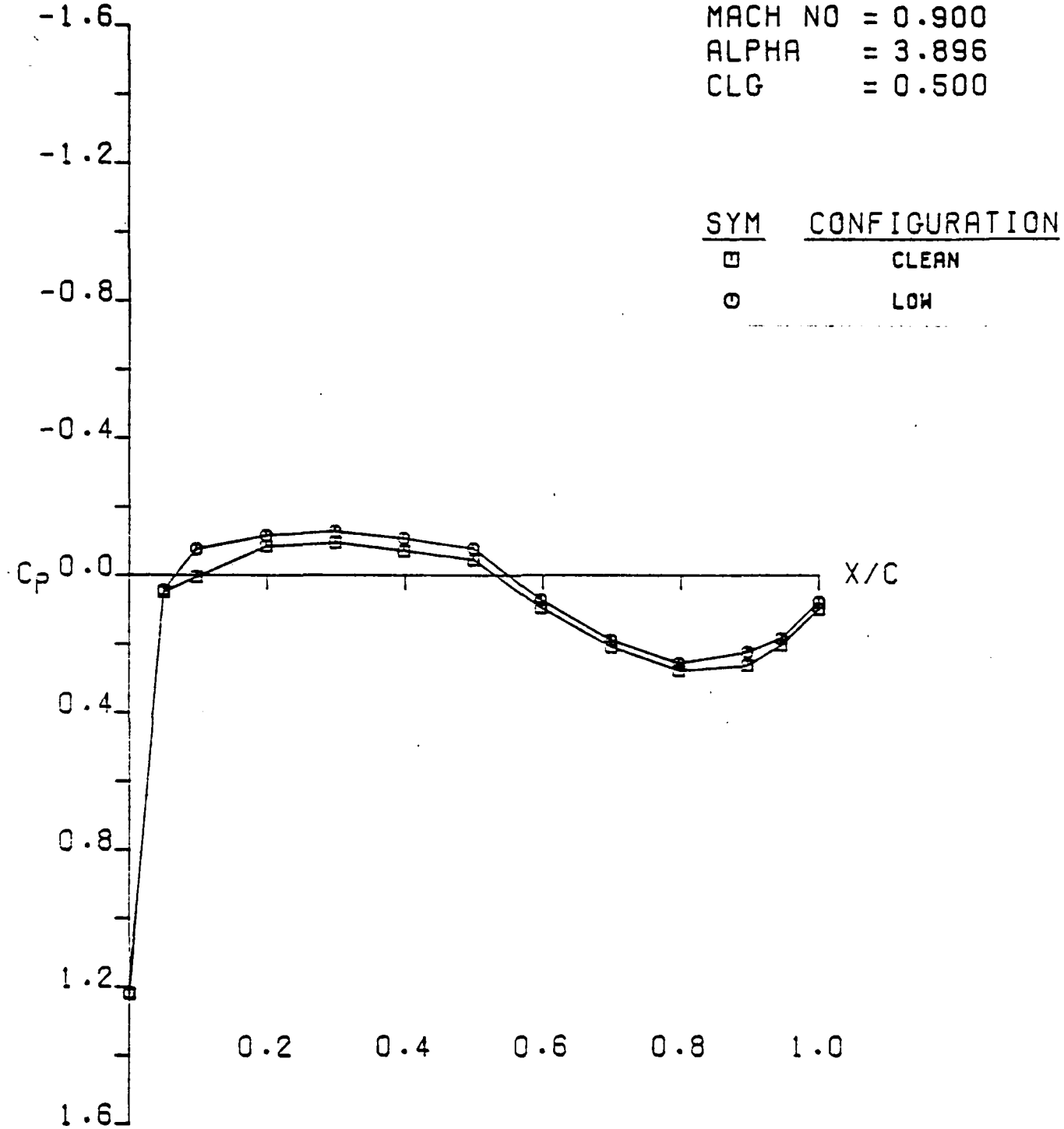
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (LWR SURF ETA.216)
AFOSR SEMISPAN MODEL 8



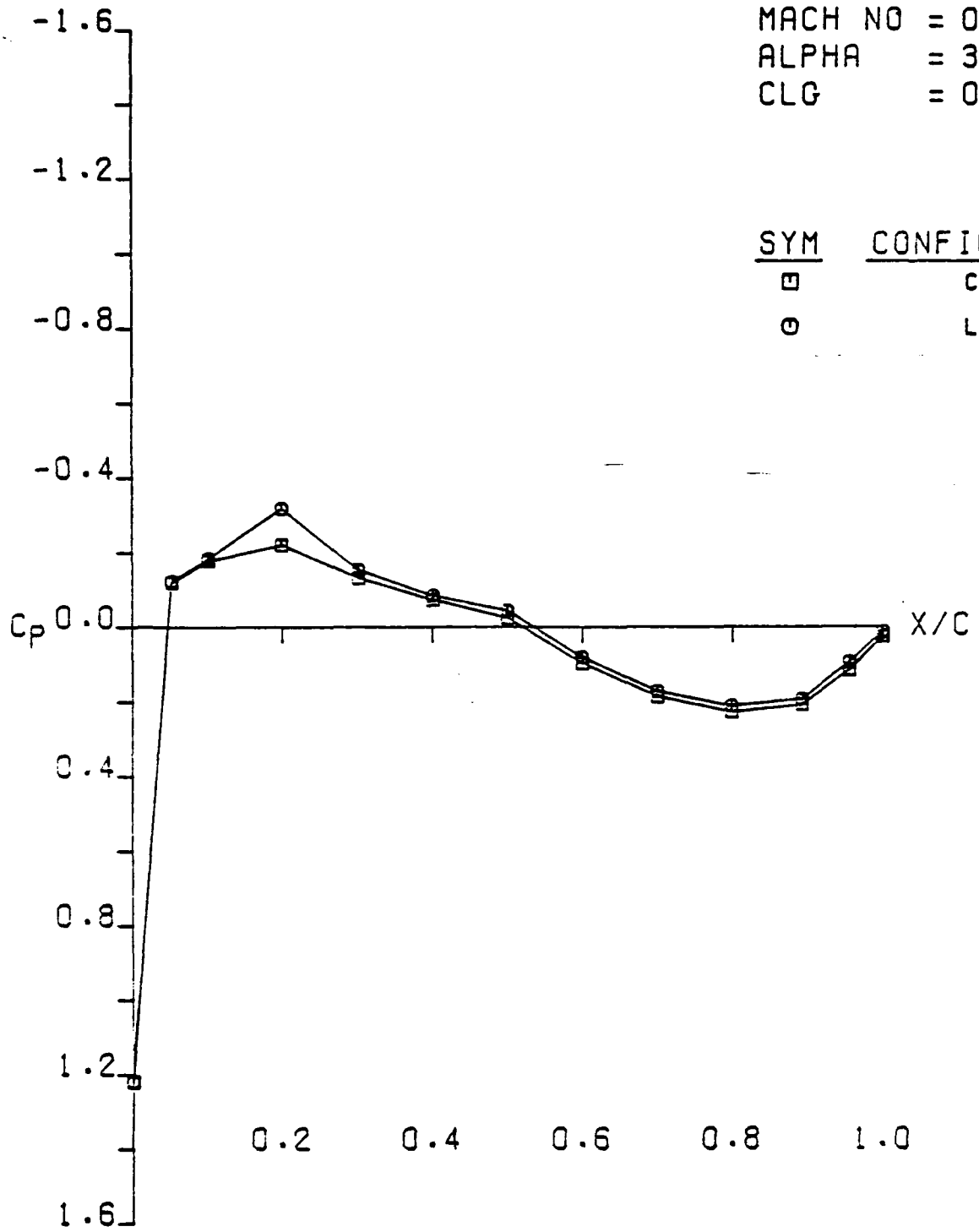
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (LWR SURF ETA.4)
AFOSR SEMISPAN MODEL B



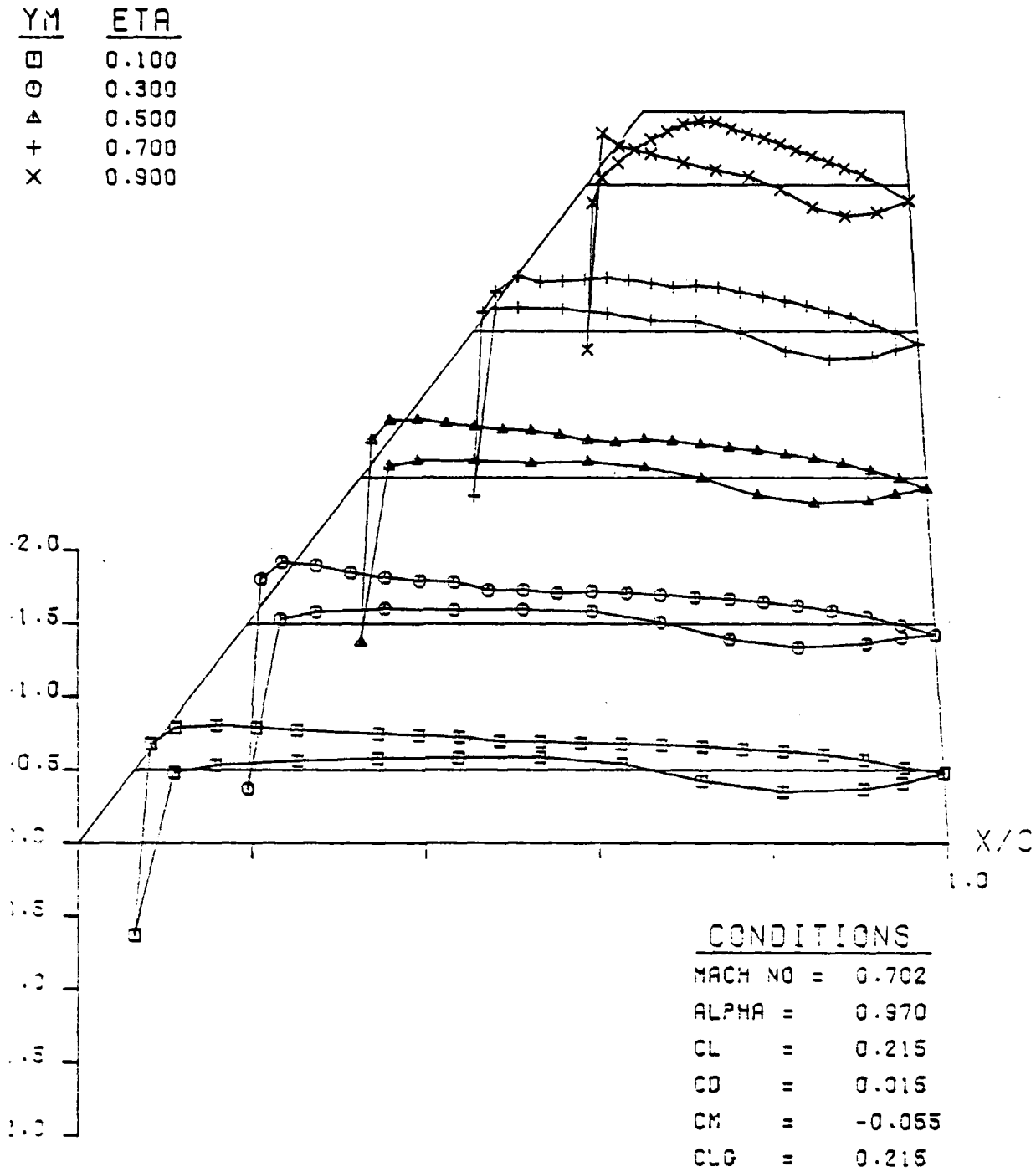
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (LWR SURF ETA.60)
AFOSR SEMISPAN MODEL B



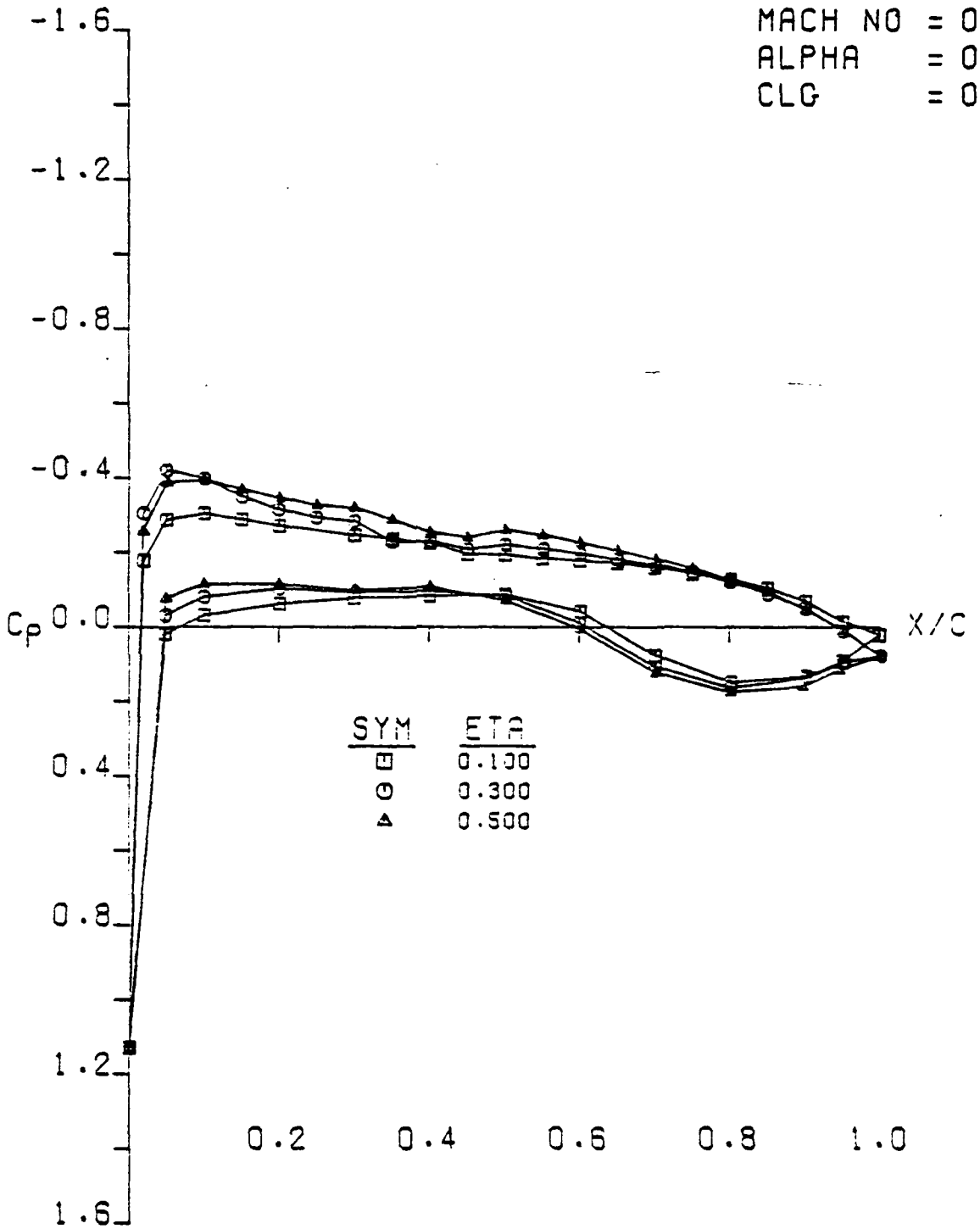
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (LWR SURF ETA.8)
AFOSR SEMISPAN MODEL B



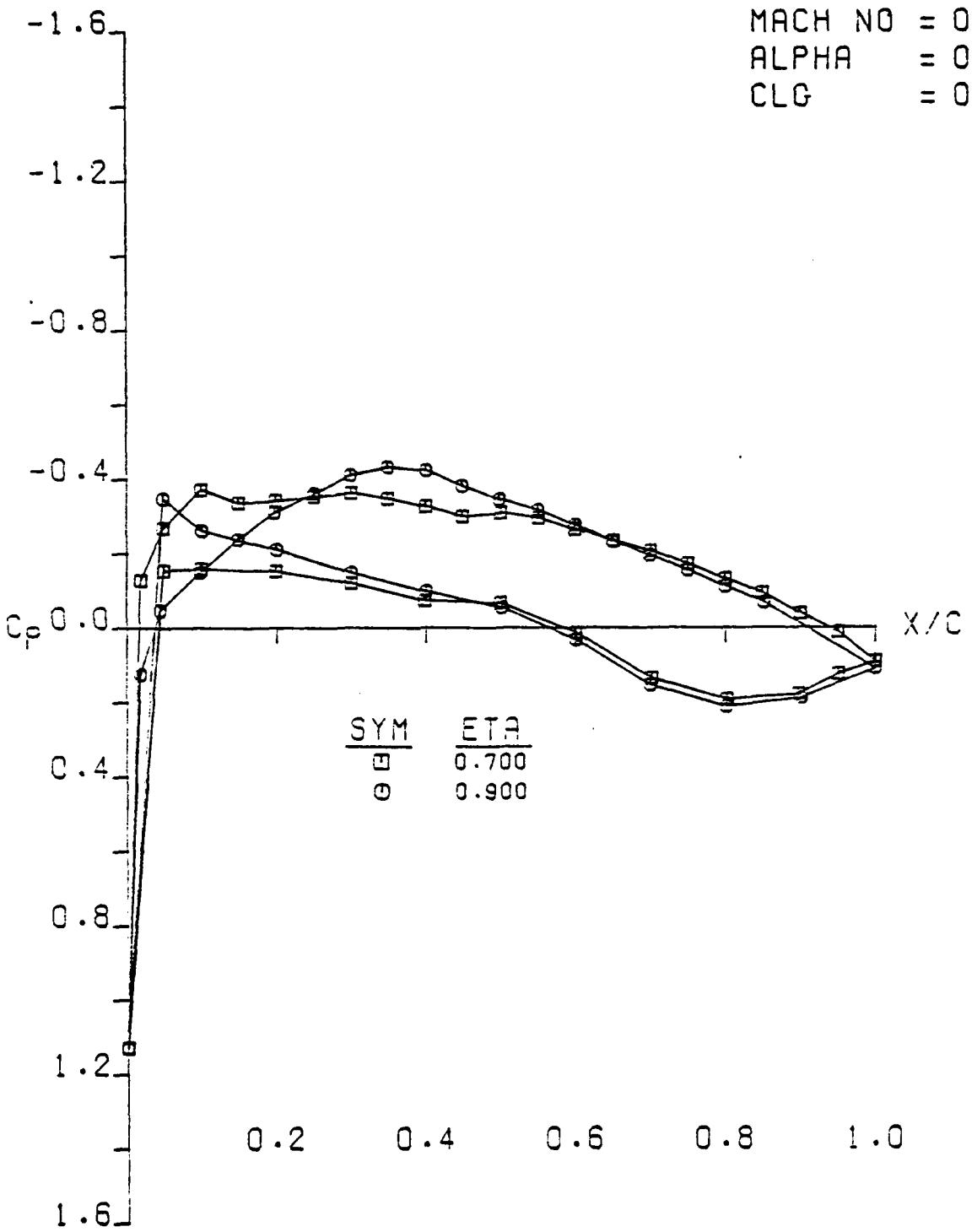
LOCKHEED CFWT SEMI-SPAN TEST, RUN 29
CLN VS LOW (LWR SURF ETA.95)
AFOSR SEMISPAN MODEL B



LOCKHEED CFWT SEMI-SPAN TEST, RUN 12
BASIC DATA
NUMERICALLY OPTIMIZED WING C

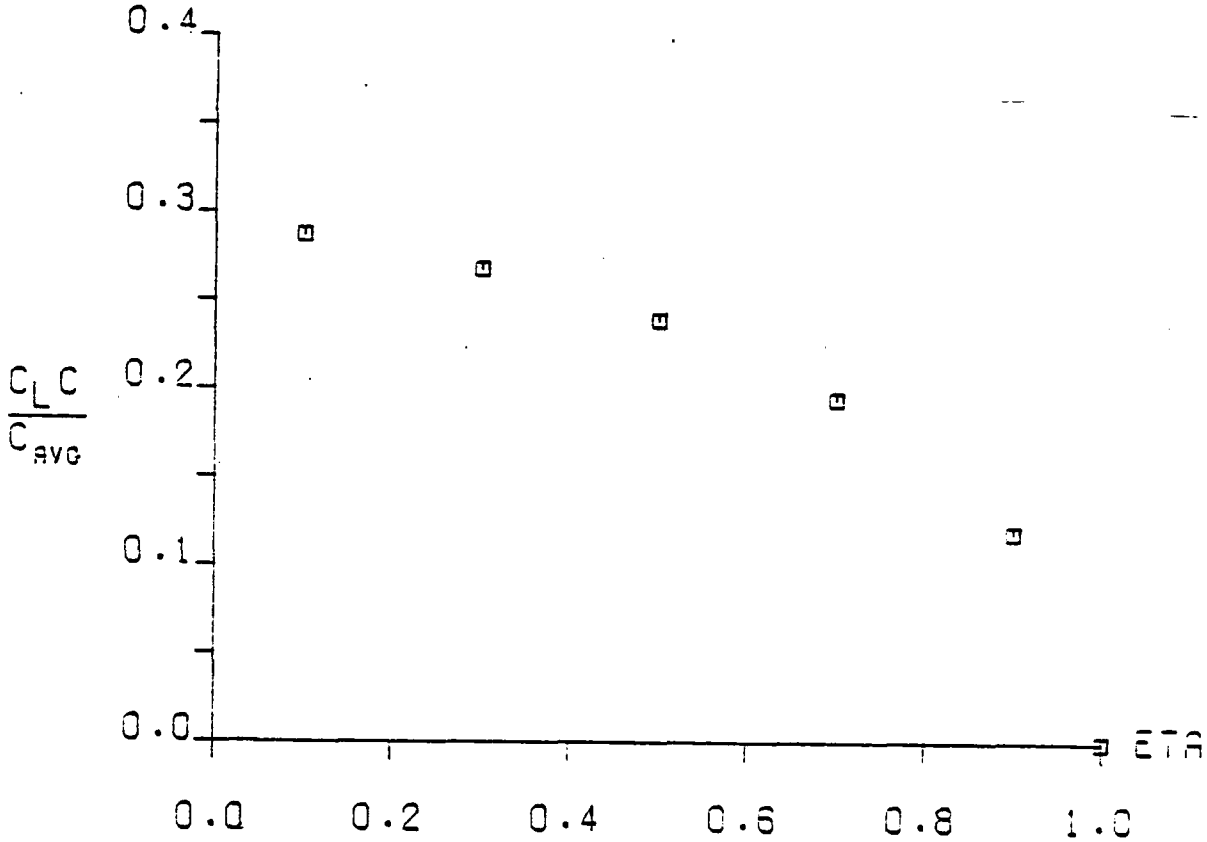


LOCKHEED CFWT SEMI-SPAN TEST, RUN 12
BASIC DATA
NUMERICALLY OPTIMIZED WING C



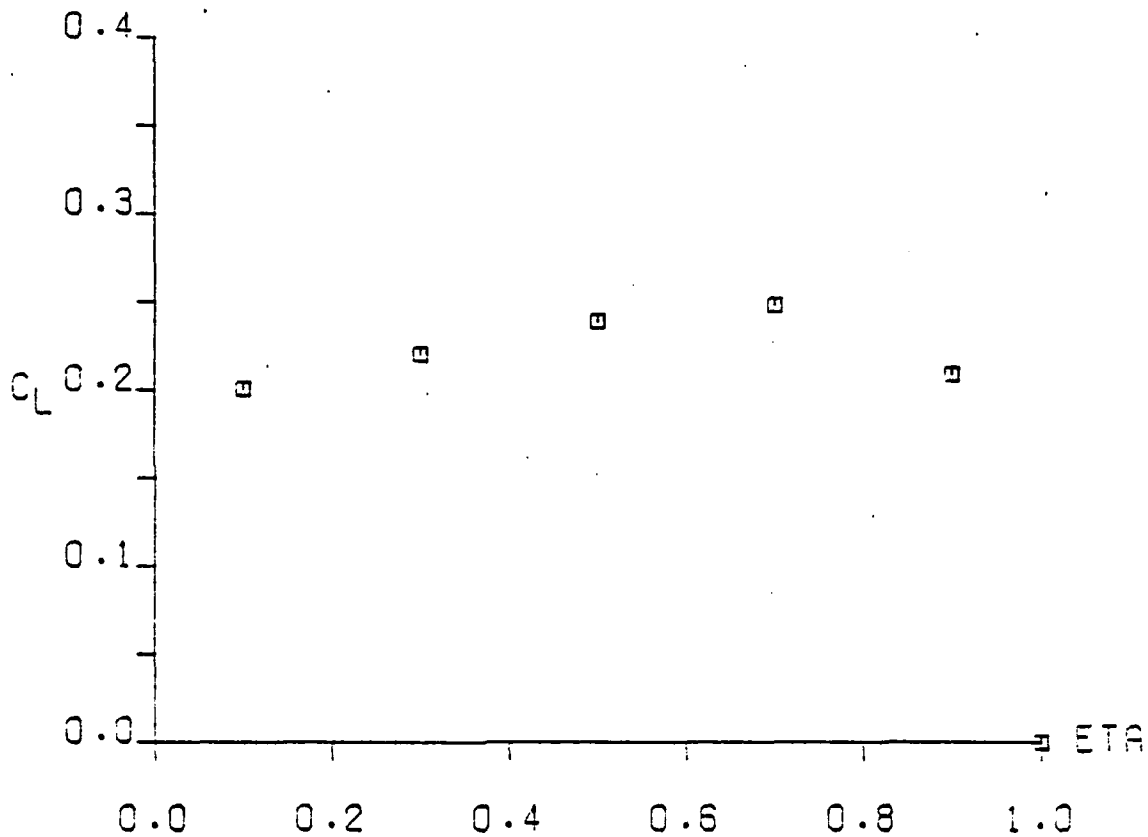
LOCKHEED CFWT SEMI-SPAN TEST, RUN 12
BASIC DATA
NUMERICALLY OPTIMIZED WING C

MACH NO = 0.702
ALPHA = 0.970
CLG = 0.215

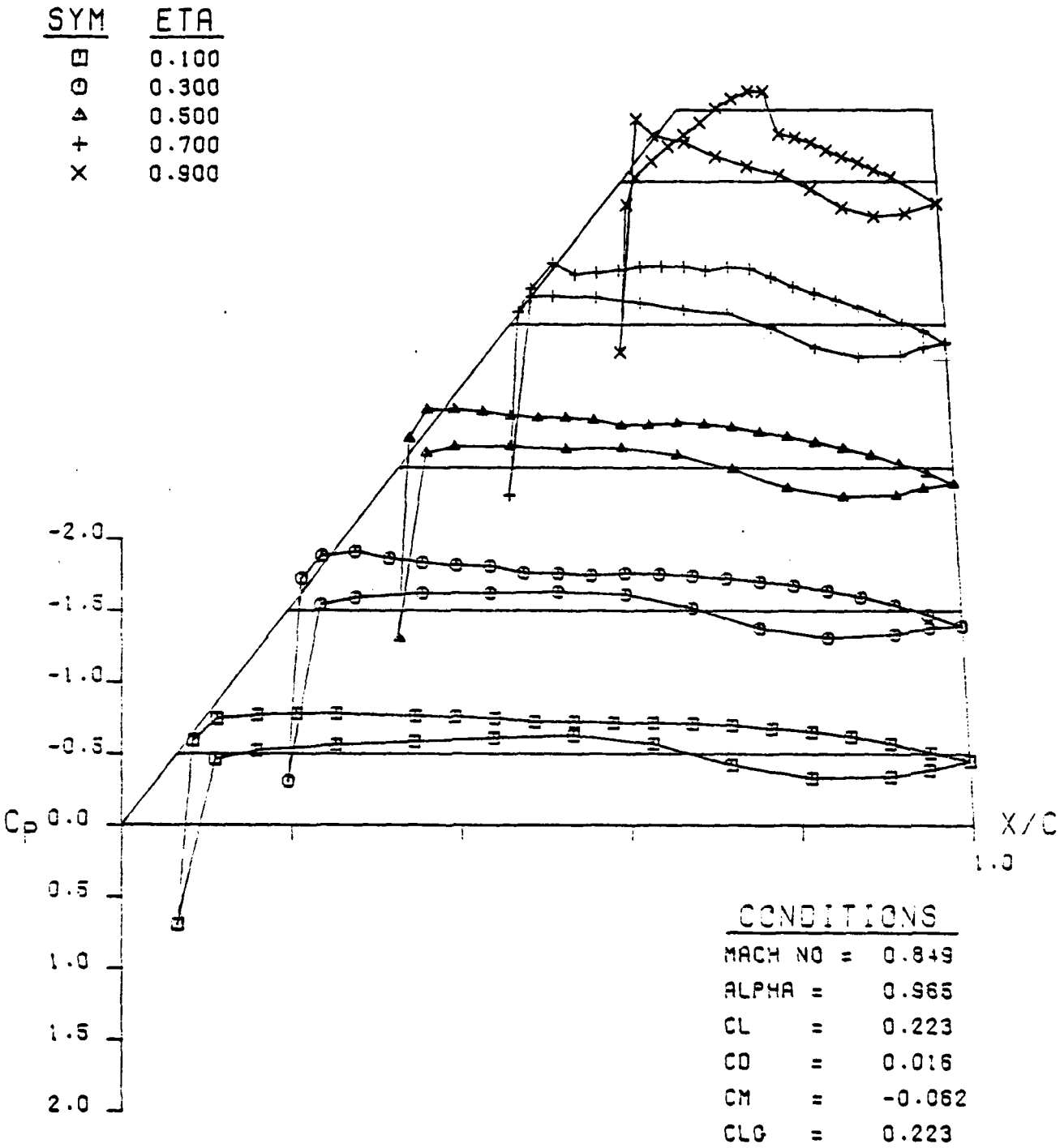


LOCKHEED CFWT SEMI-SPAN TEST, RUN 12
BASIC DATA
NUMERICALLY OPTIMIZED WING C

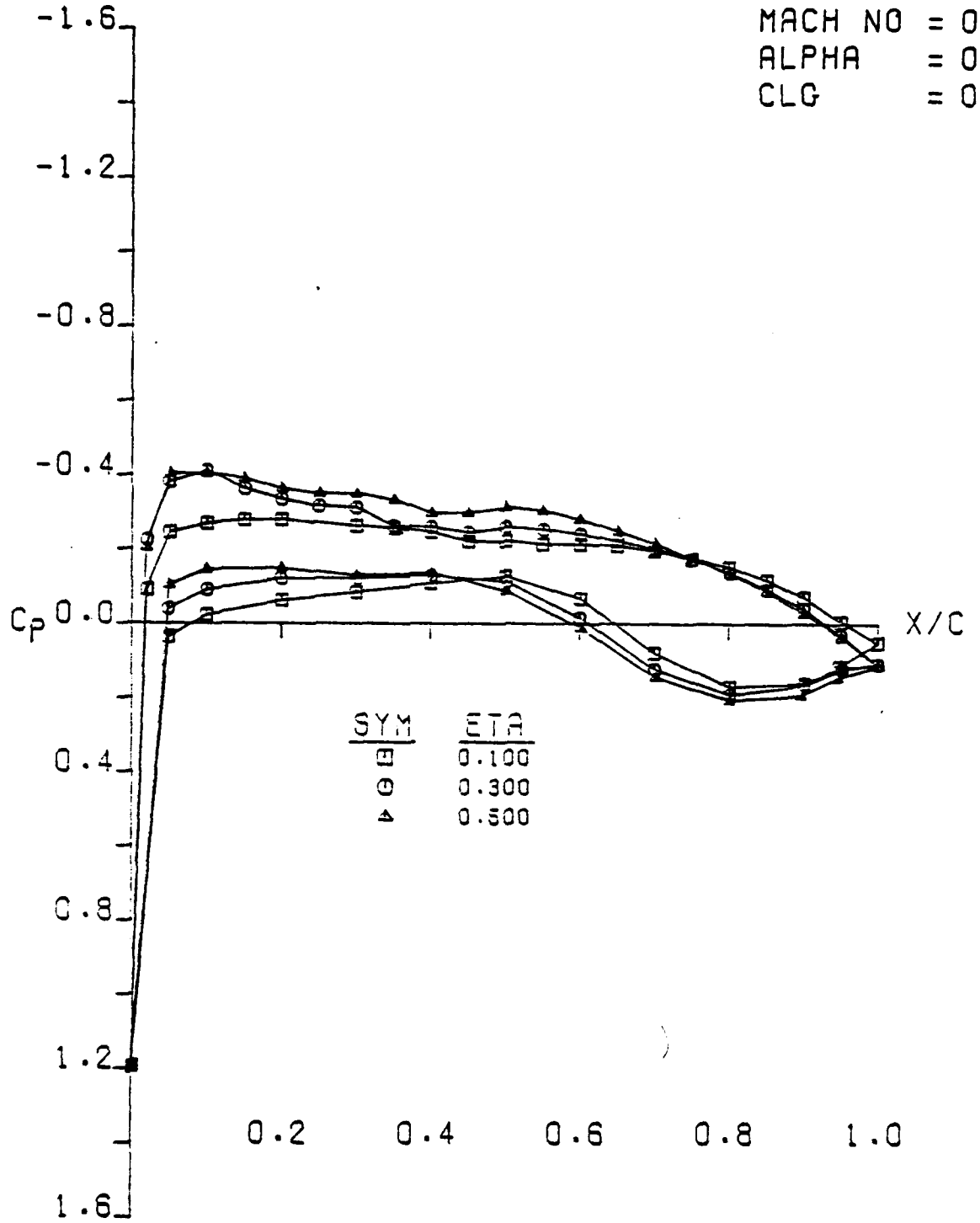
MACH NO = 0.702
ALPHA = 0.970
CLG = 0.215



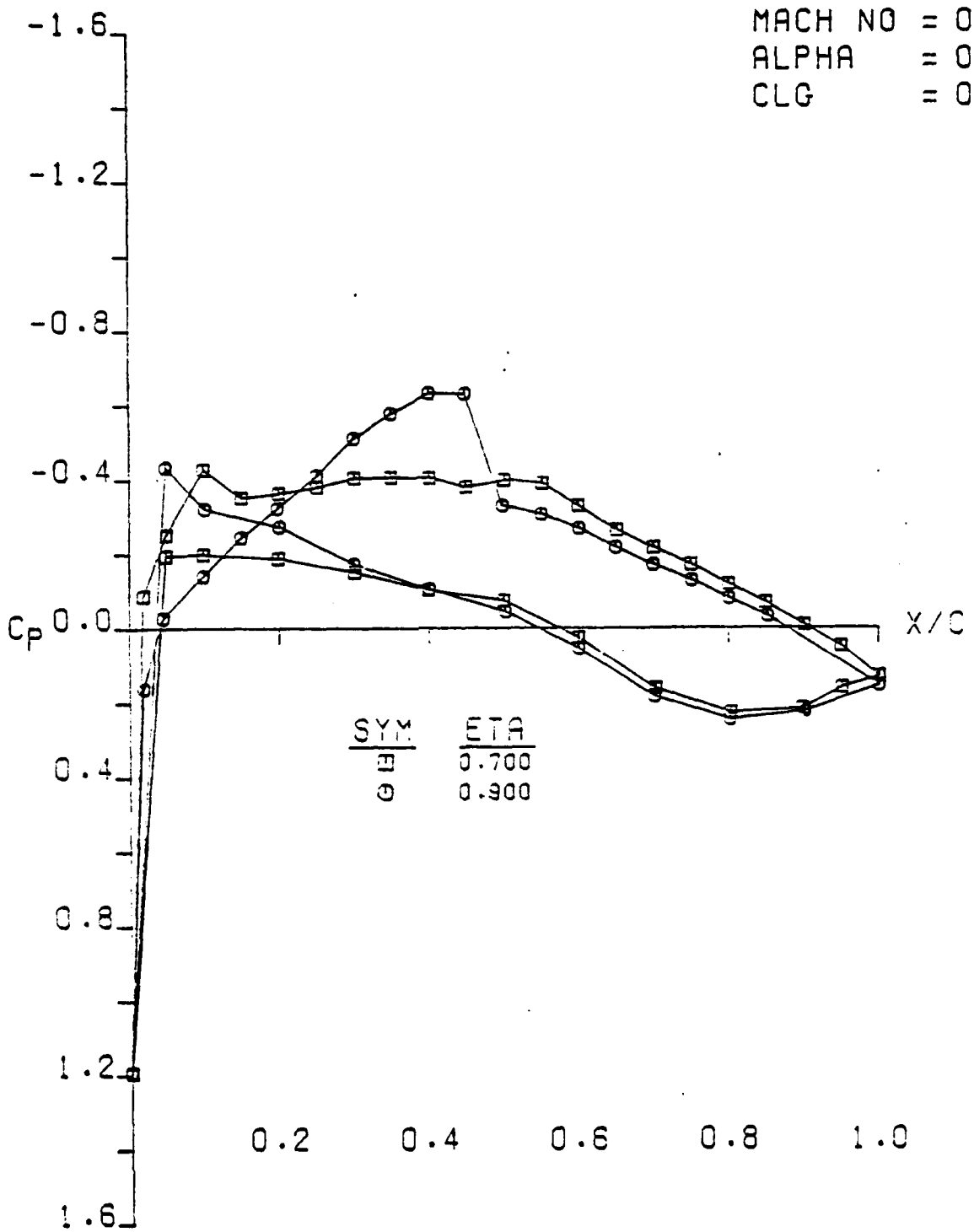
LOCKHEED CFWT SEMI-SPAN TEST, RUN 12
BASIC DATA
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
BASIC DATA
NUMERICALLY OPTIMIZED WING C

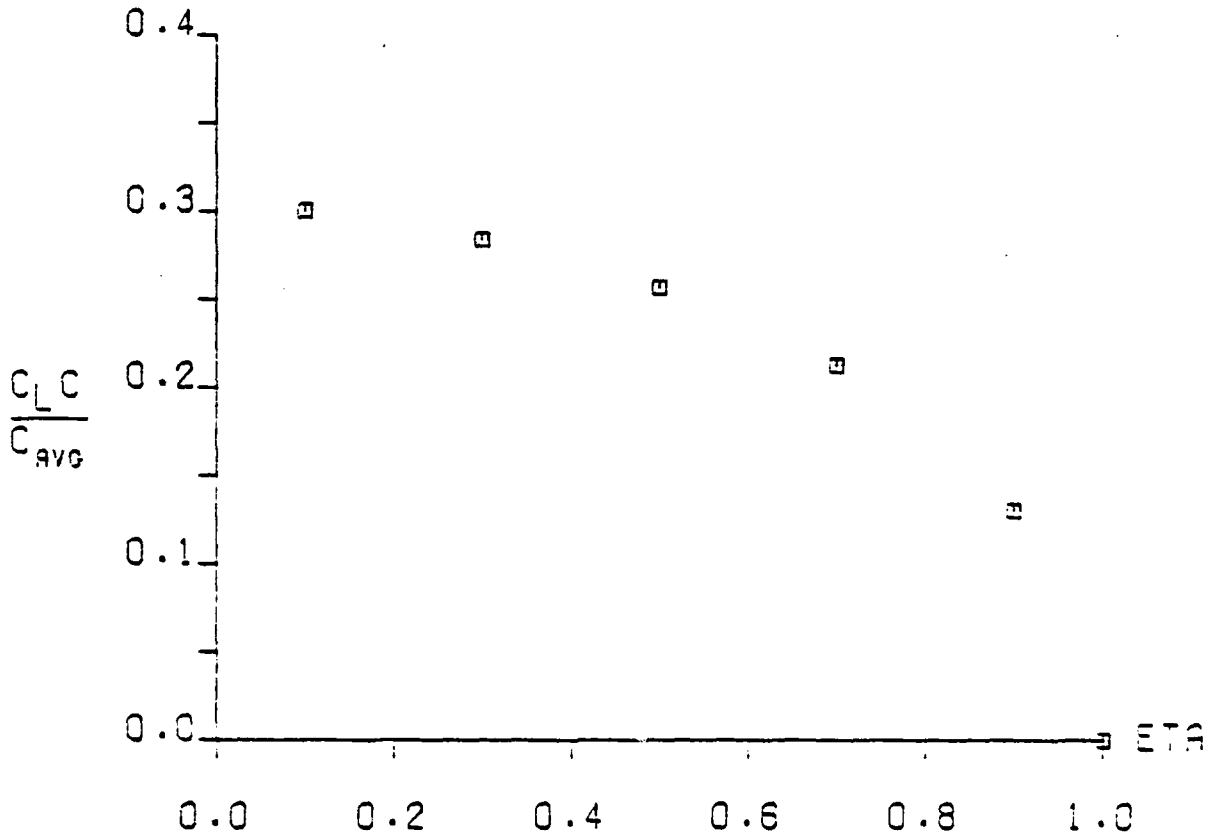


LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
BASIC DATA
NUMERICALLY OPTIMIZED WING C



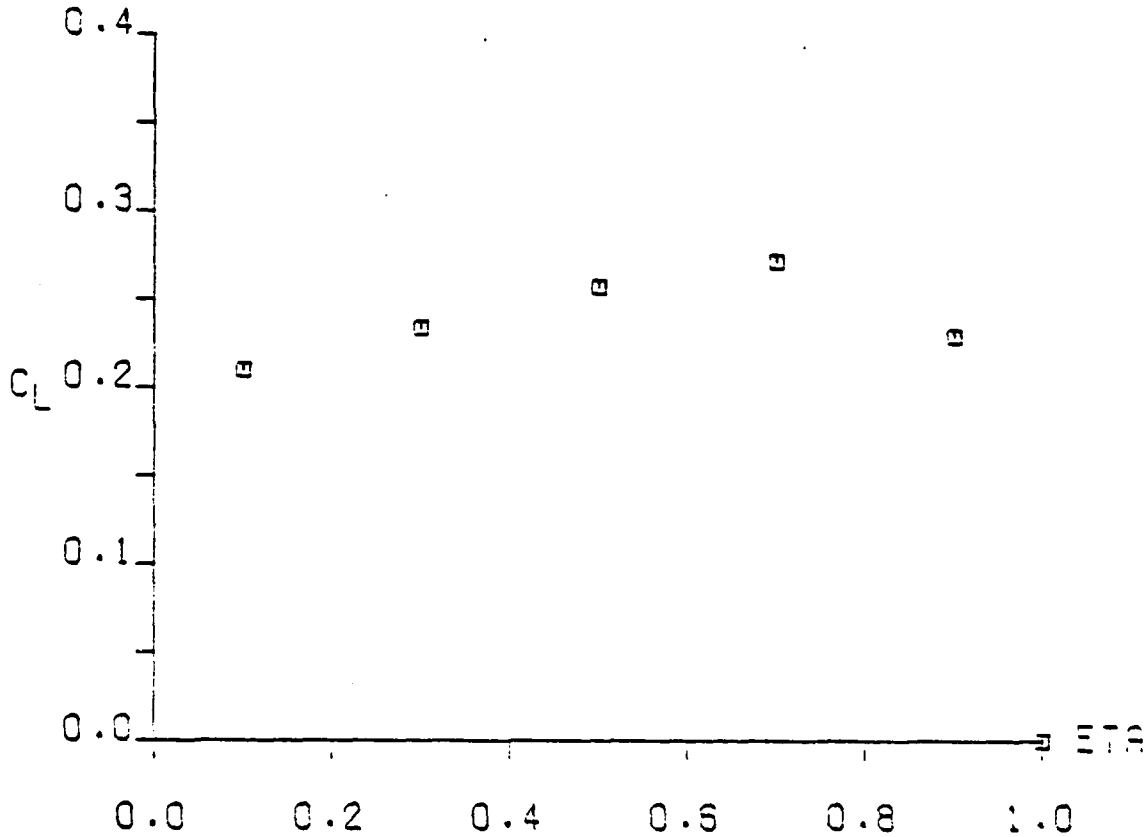
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
BASIC DATA
NUMERICALLY OPTIMIZED WING C

MACH NO = 0.849
ALPHA = 0.965
CLG = 0.223

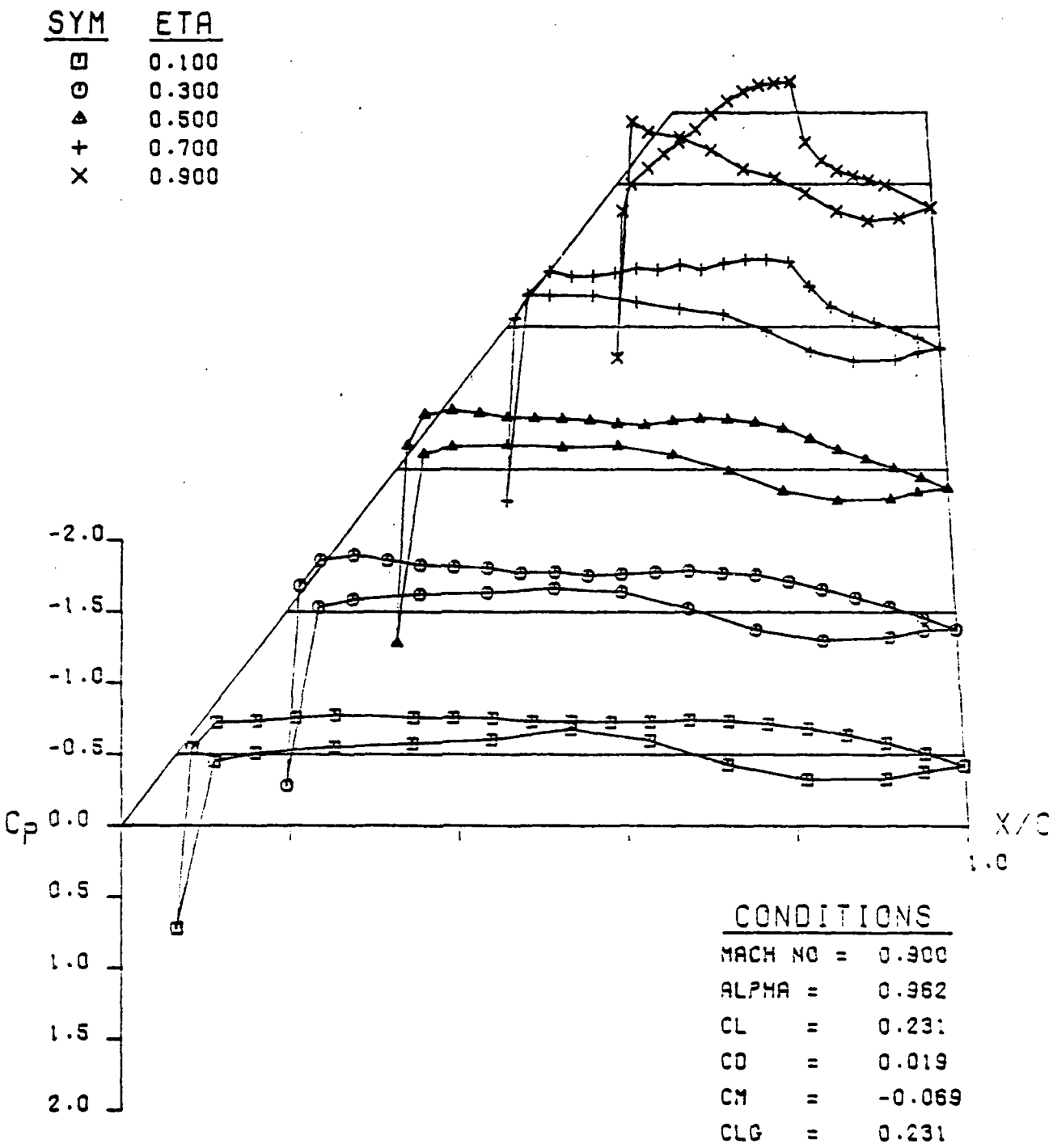


LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
BASIC DATA
NUMERICALLY OPTIMIZED WING C

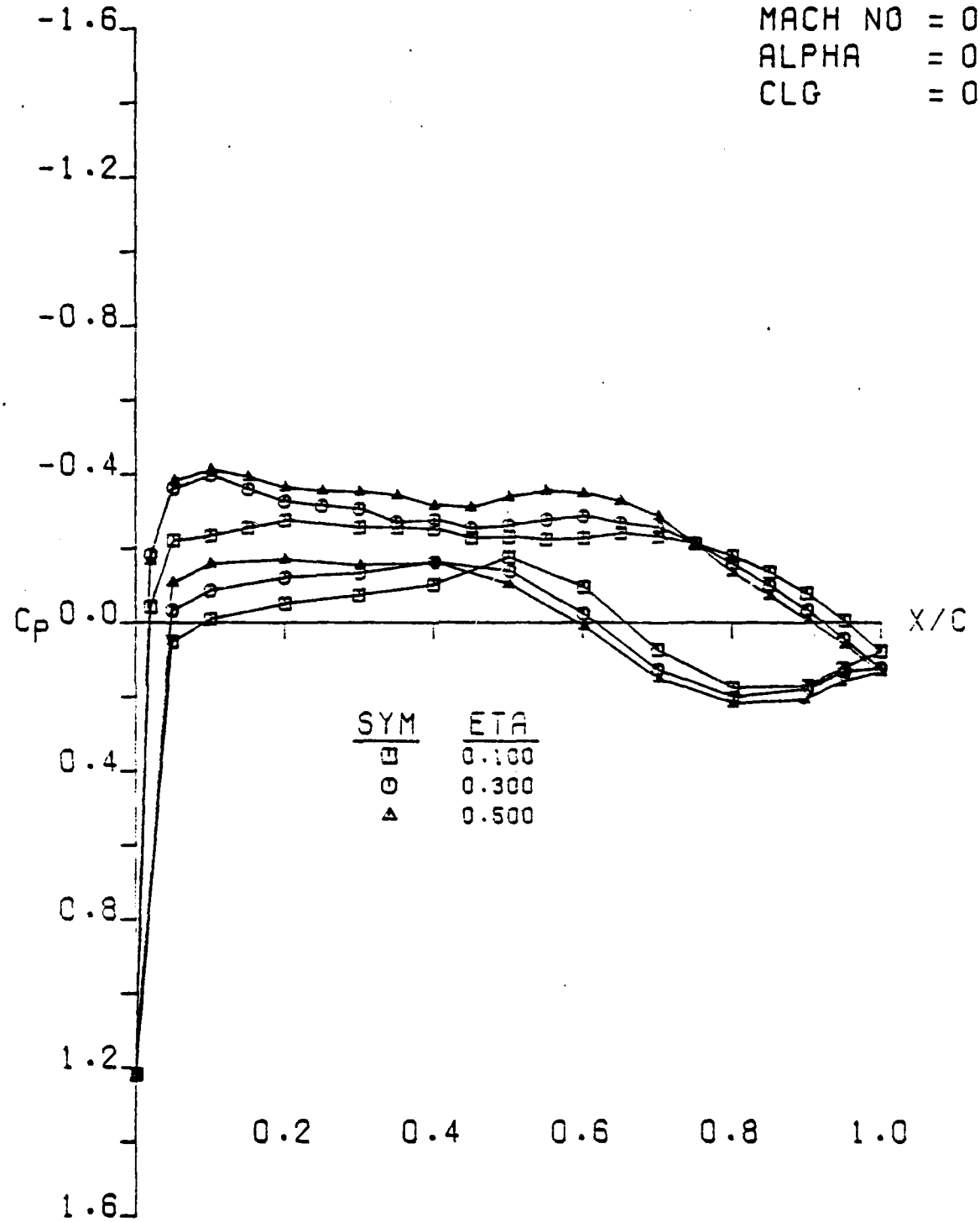
MACH NO = 0.849
ALPHA = 0.965
CLG = 0.223



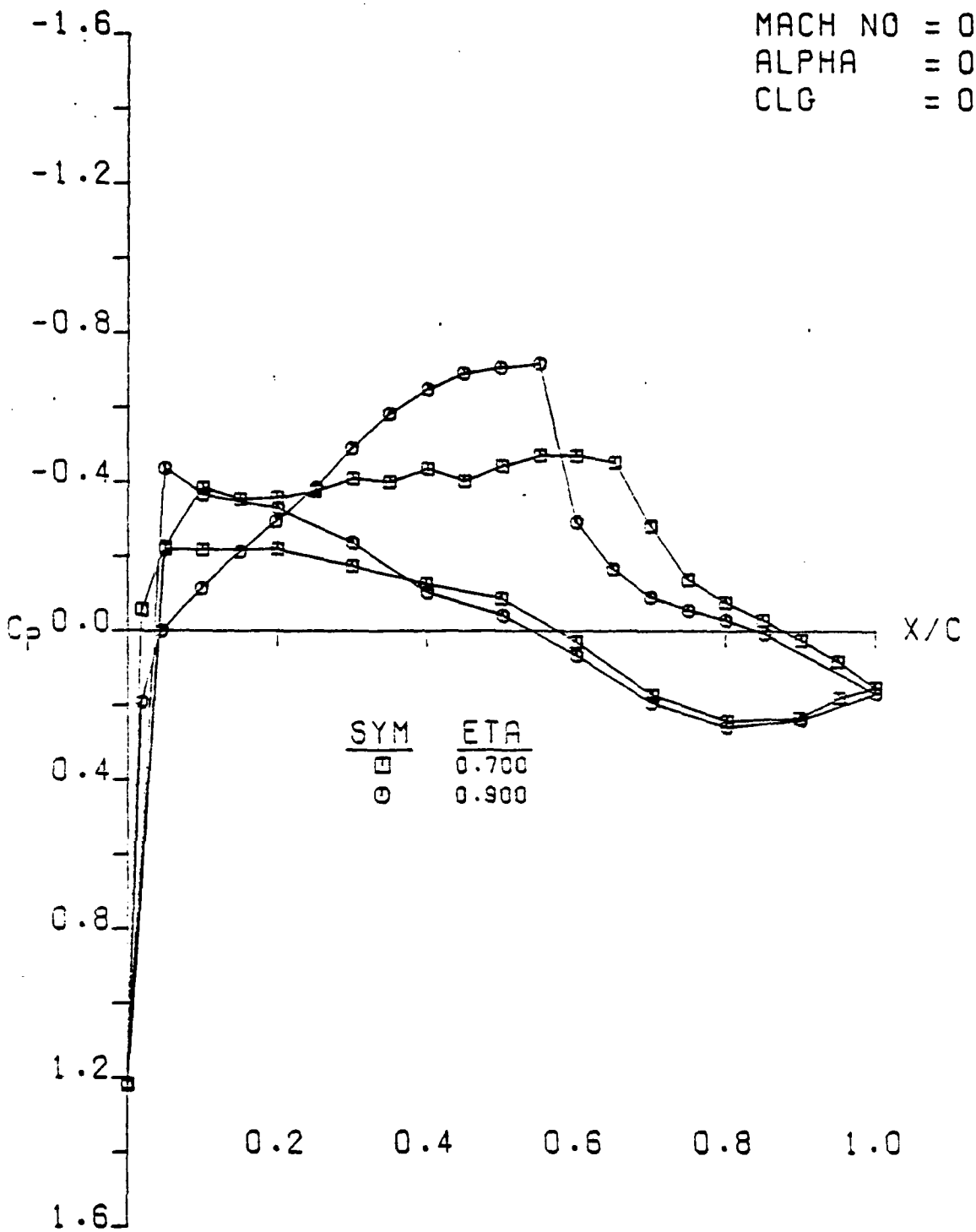
LOCKHEED CFWT SEMI-SPAN TEST, RUN 38
BASIC DATA
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 49
BASIC DATA
NUMERICALLY OPTIMIZED WING C

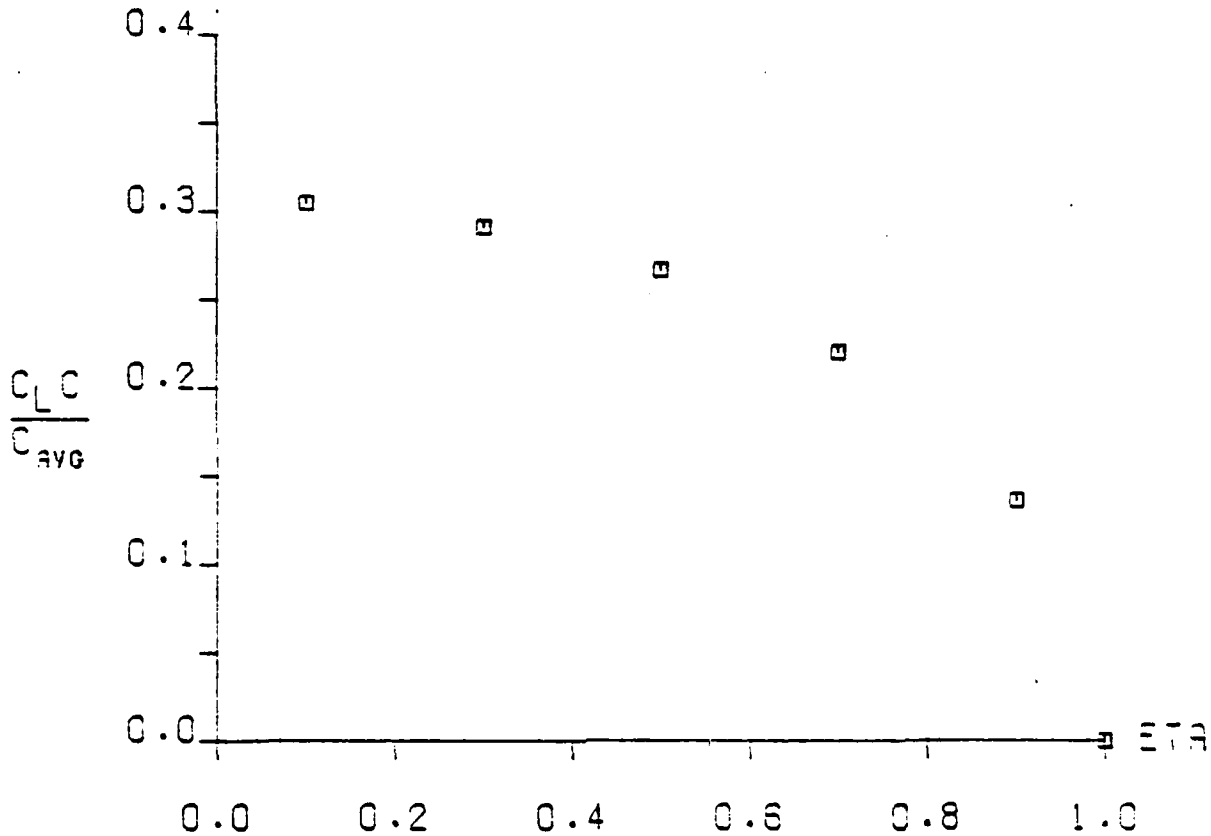


LOCKHEED CFWT SEMI-SPAN TEST, RUN 49
BASIC DATA
NUMERICALLY OPTIMIZED WING C



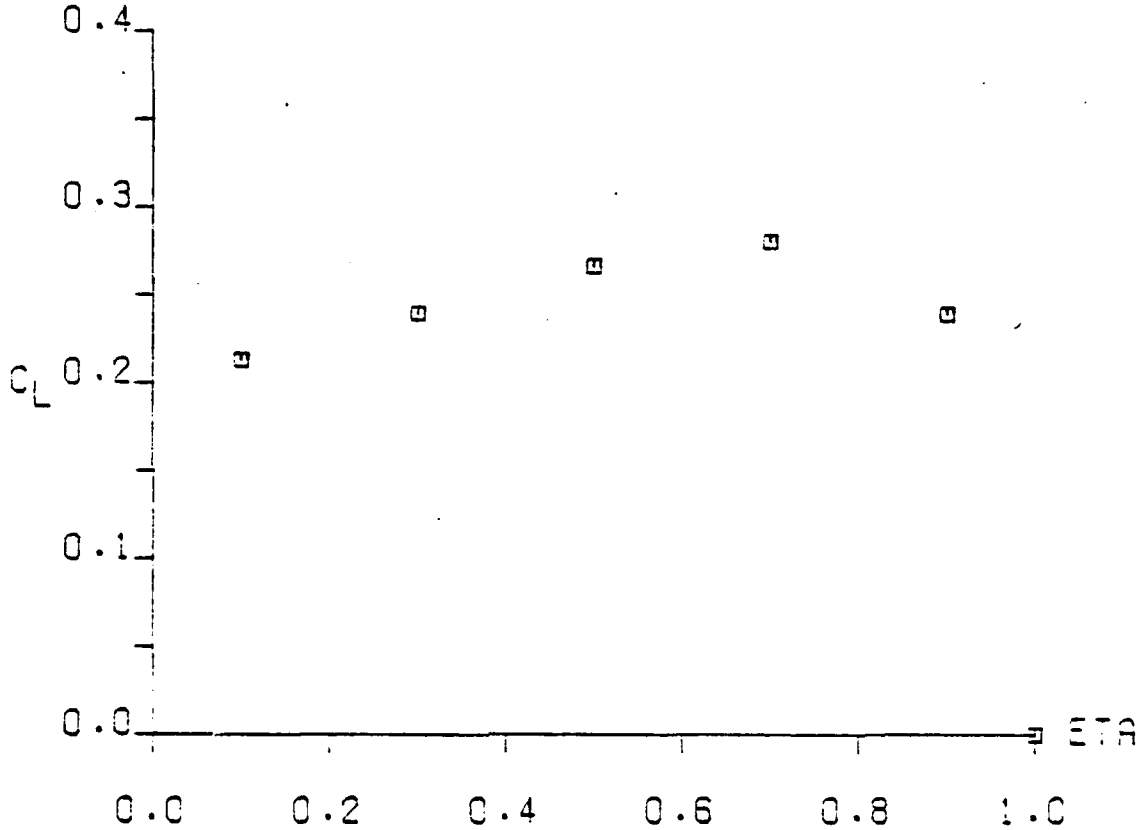
LOCKHEED CFWT SEMI-SPAN TEST, RUN 49
BASIC DATA
NUMERICALLY OPTIMIZED WING C

MACH NO = 0.900
ALPHA = 0.962
CLG = 0.231

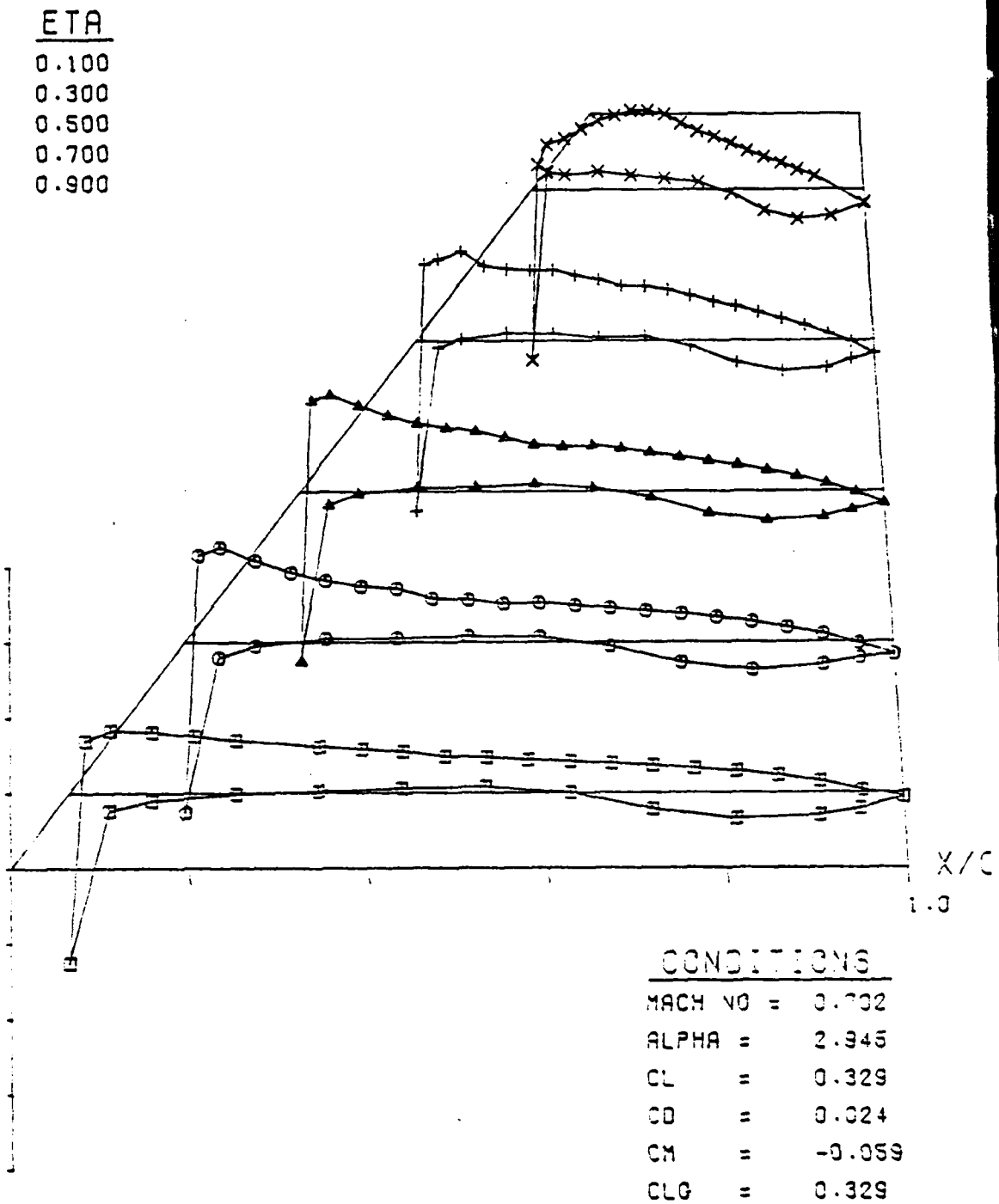


LOCKHEED CFWT SEMI-SPAN TEST, RUN 49
BASIC DATA
NUMERICALLY OPTIMIZED WING C

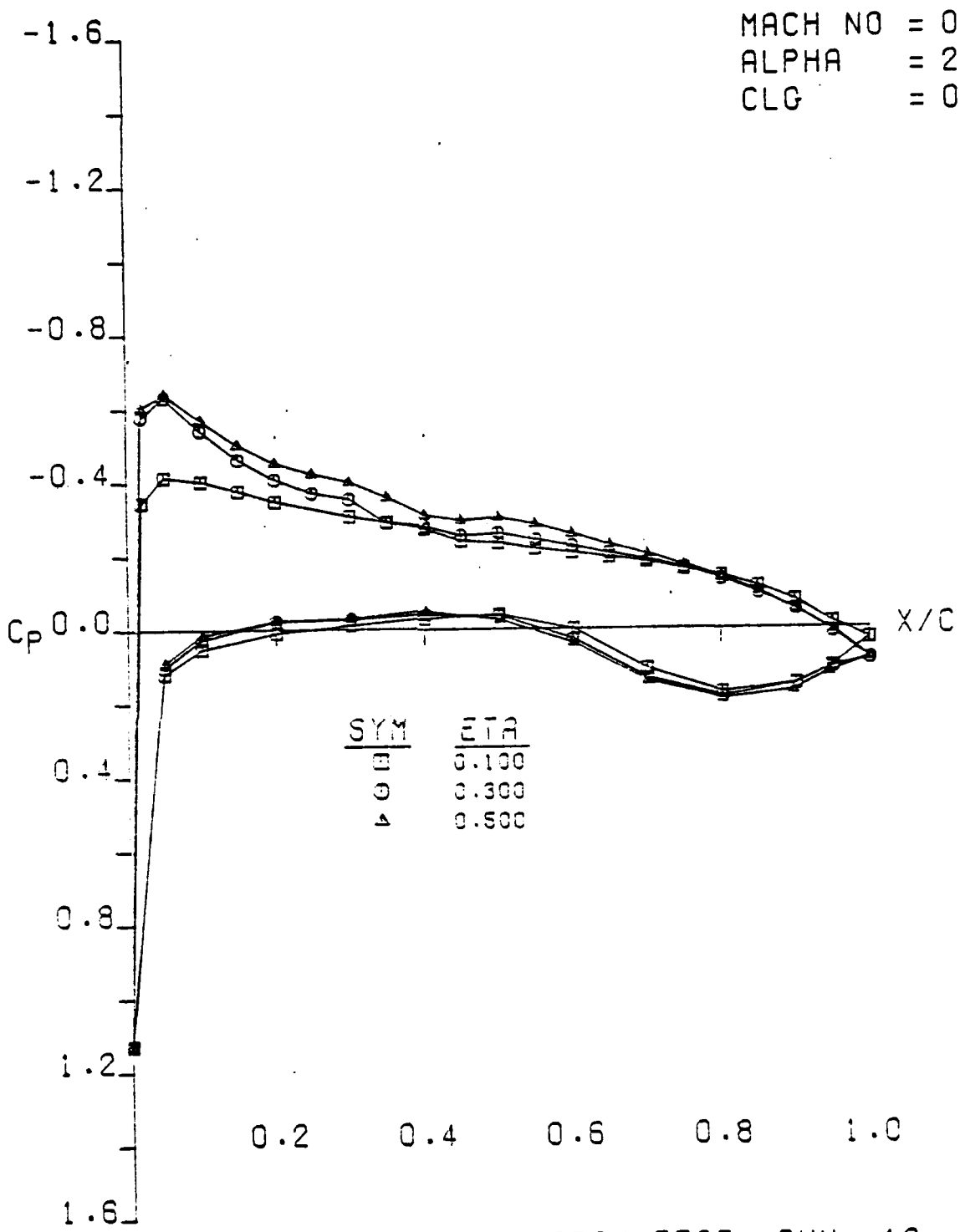
MACH NO = 0.900
ALPHA = 0.962
CLG = 0.231



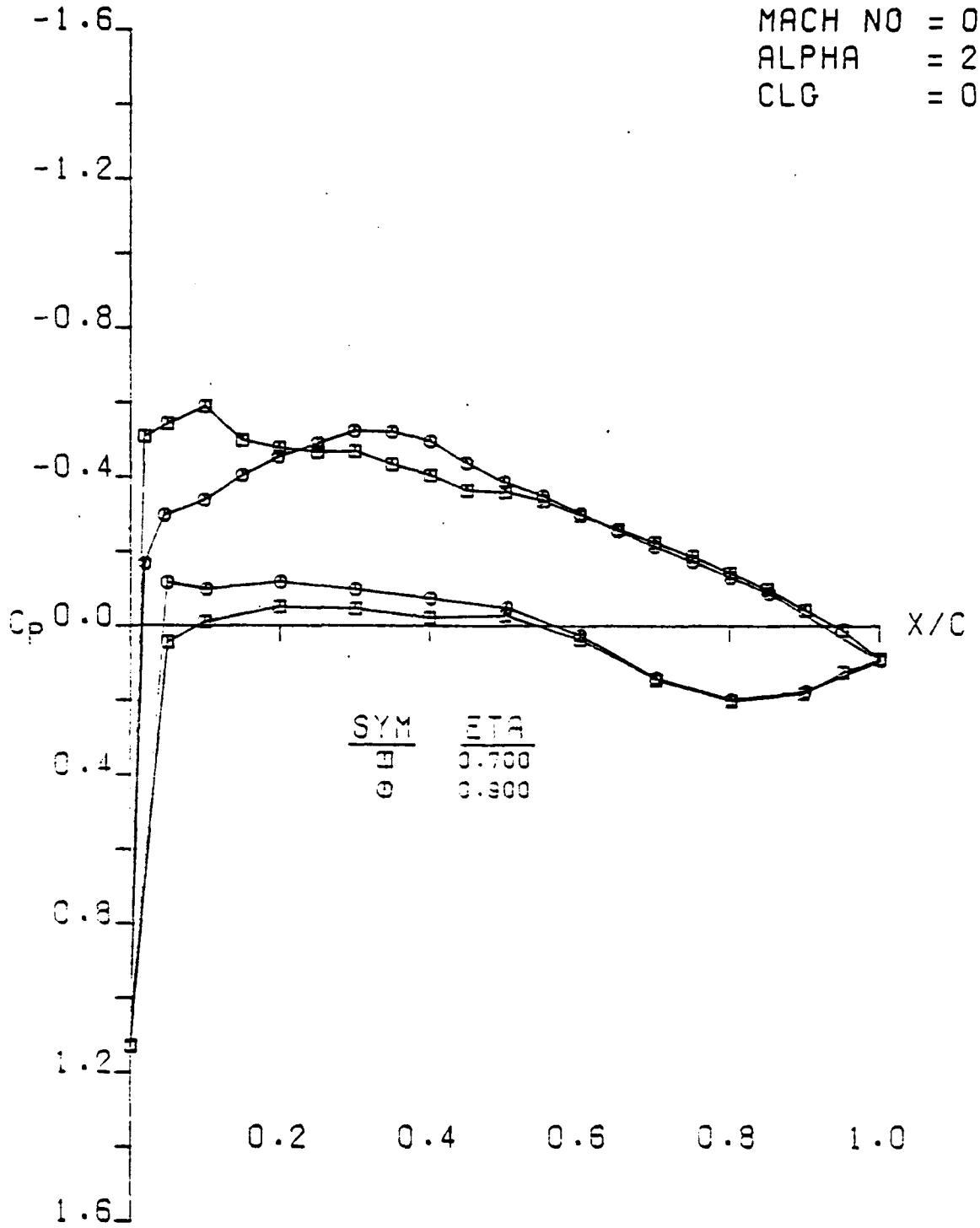
LOCKHEED CFWT SEMI-SPAN TEST. RUN 49
BASIC DATA
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
BASIC DATA
NUMERICALLY OPTIMIZED WING C

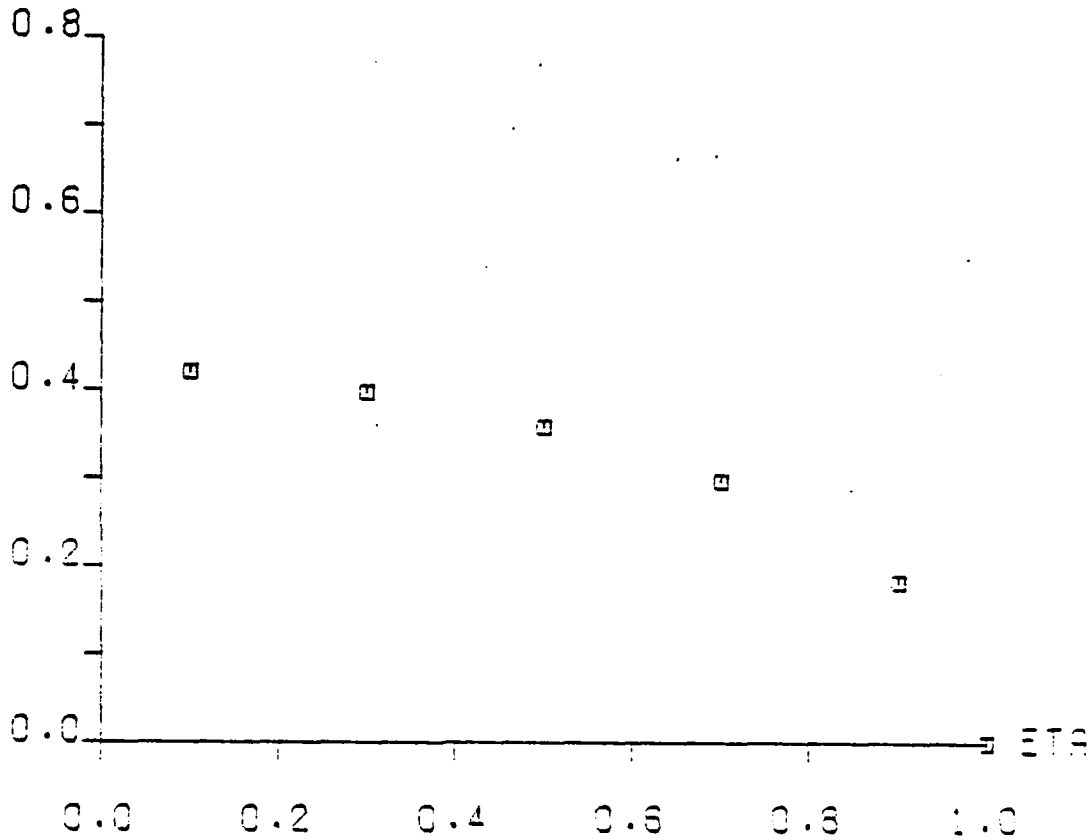


LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
BASIC DATA
NUMERICALLY OPTIMIZED WING C



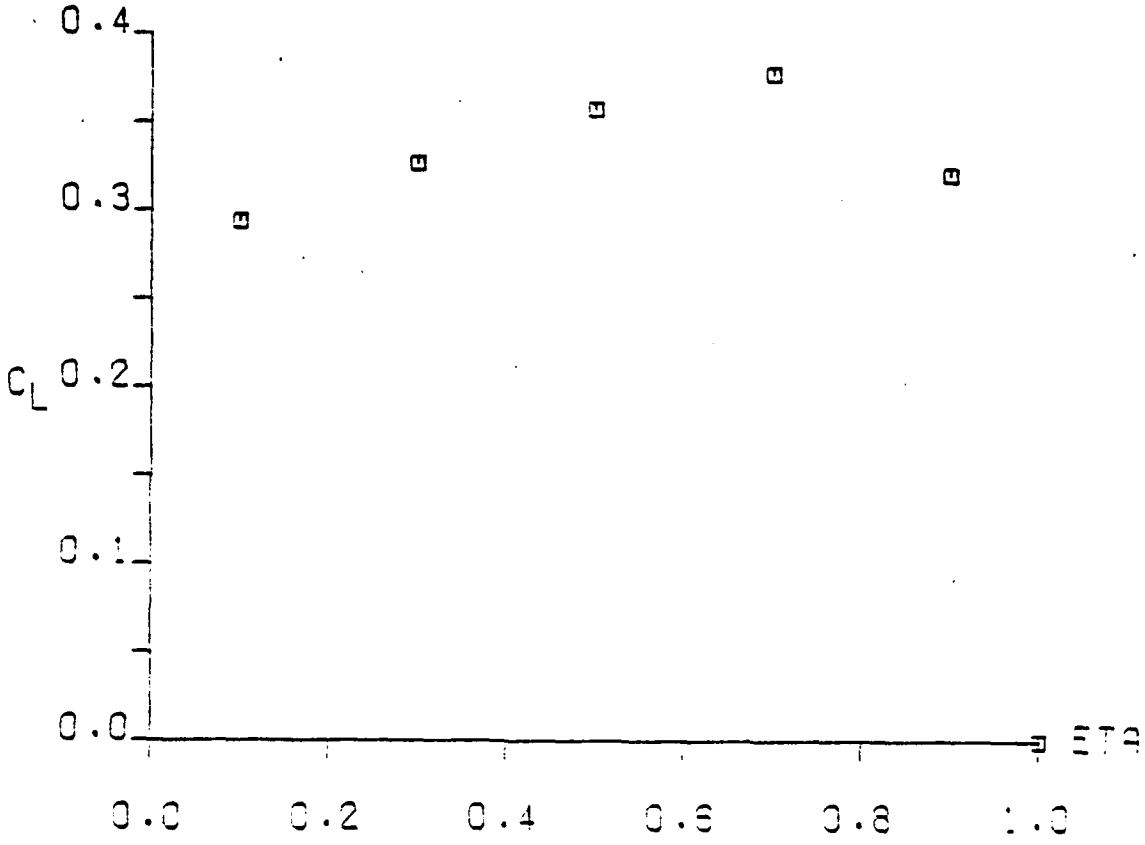
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
BASIC DATA
NUMERICALLY OPTIMIZED WING C

MACH NO = 0.702
ALPHA = 2.945
CLG = 0.329

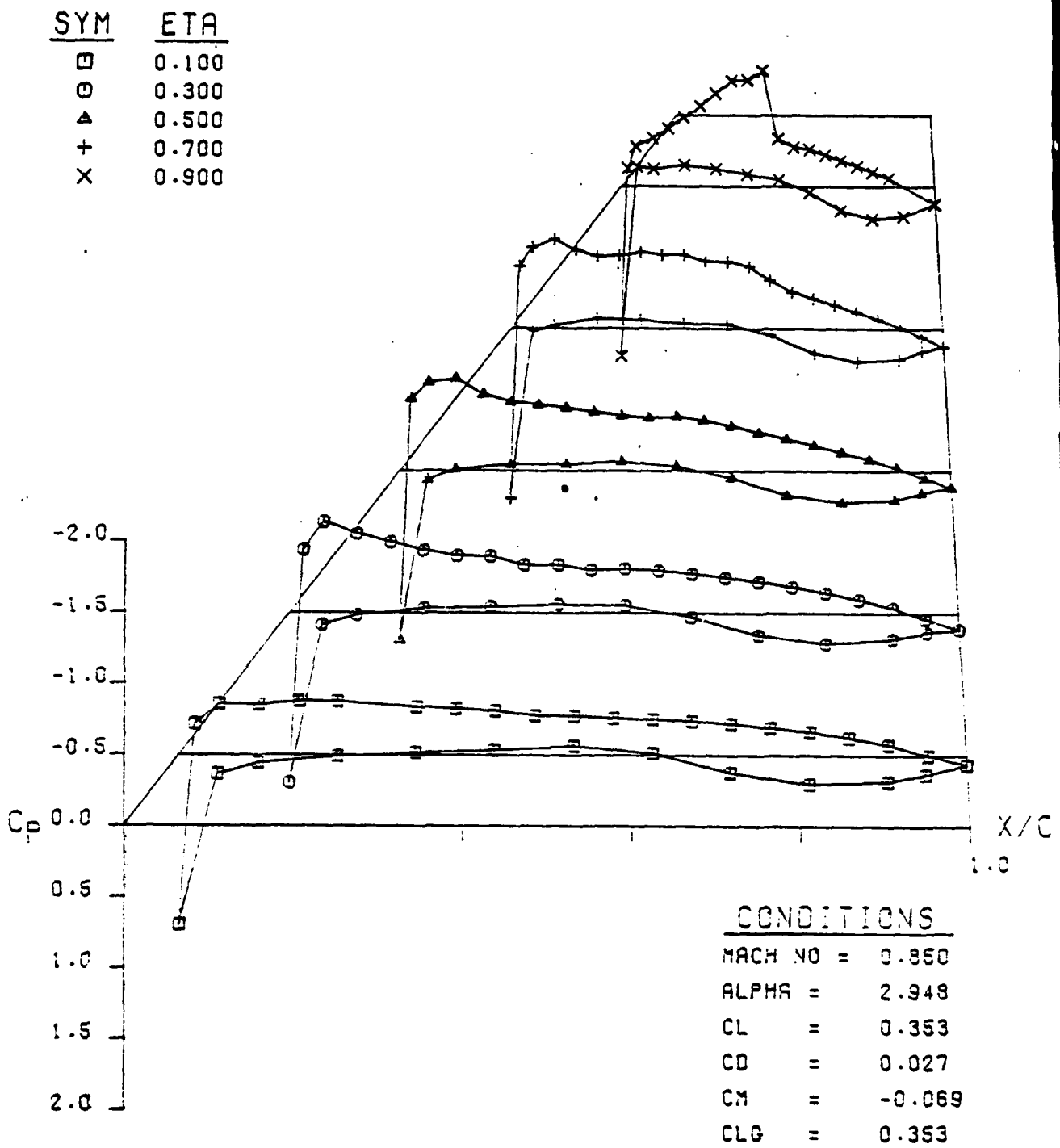


LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
BASIC DATA
NUMERICALLY OPTIMIZED WING C

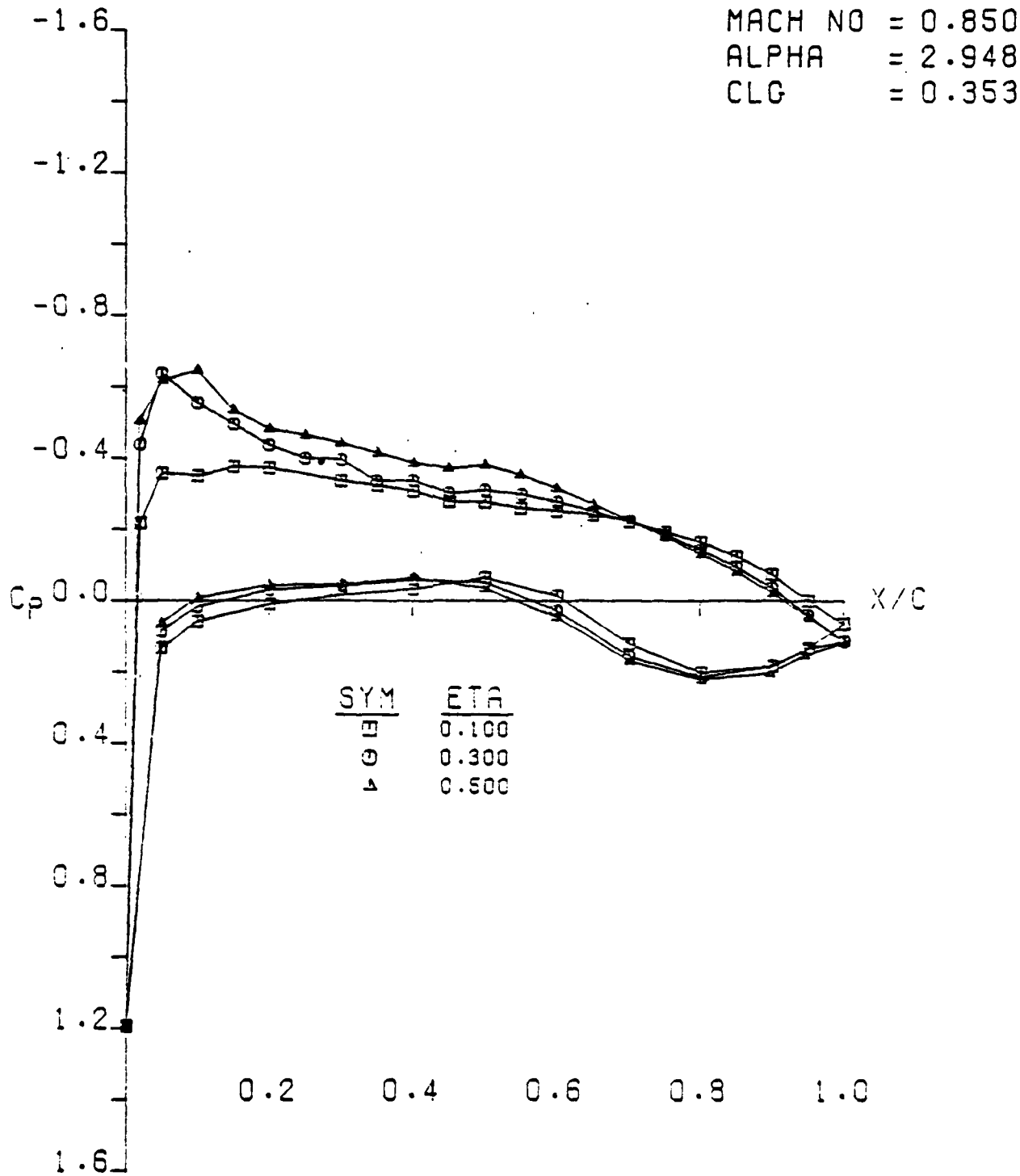
MACH NO = 0.702
ALPHA = 2.945
CLG = 0.329



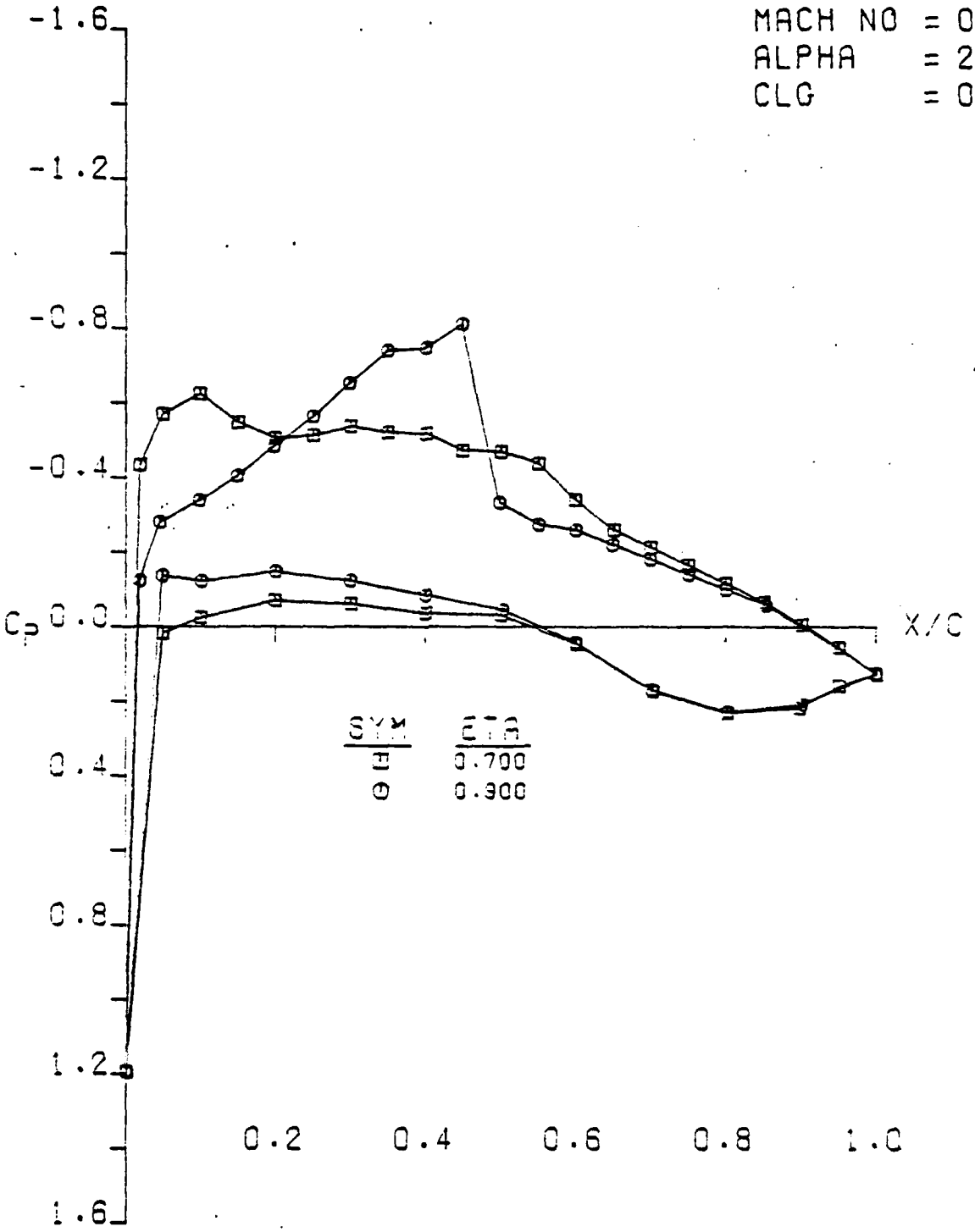
LOCKHEED CFWT SEMI-SPAN TEST, RUN 16
BASIC DATA
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 40
BASIC DATA
NUMERICALLY OPTIMIZED WING C

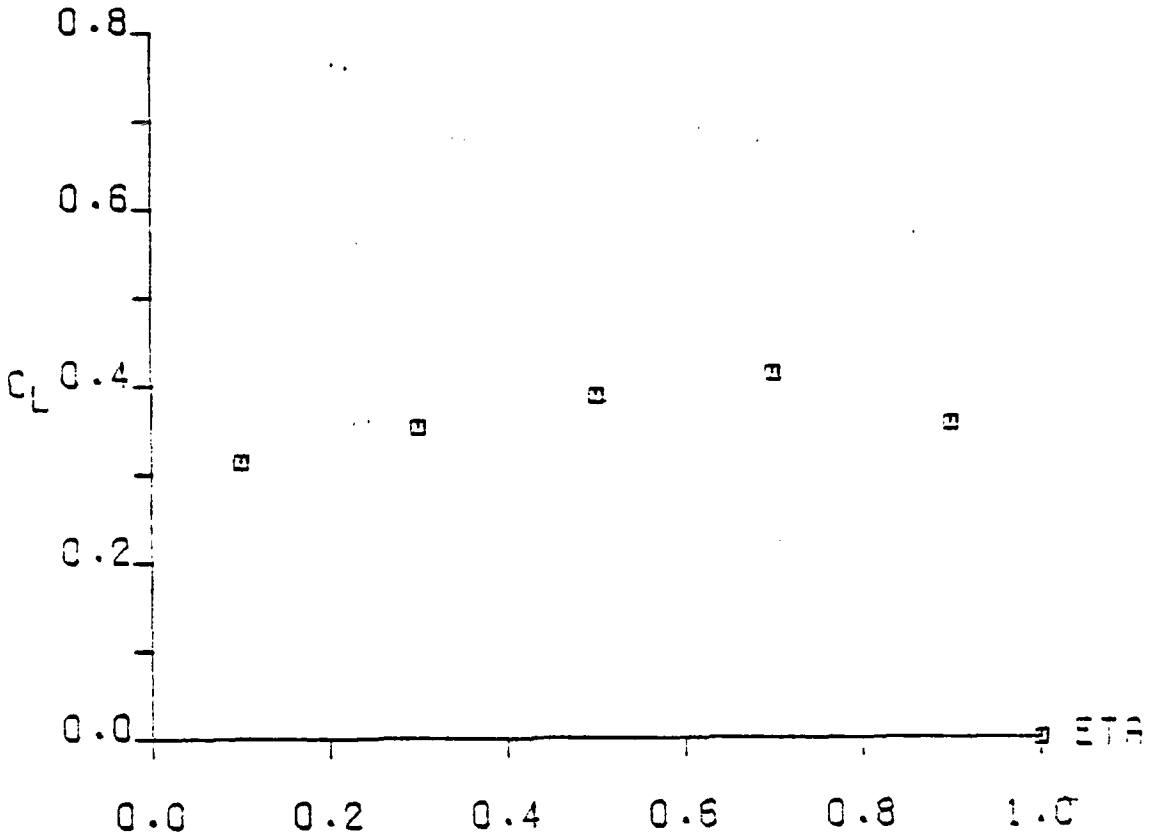


LOCKHEED CFWT SEMI-SPAN TEST, RUN 40
BASIC DATA
NUMERICALLY OPTIMIZED WING C



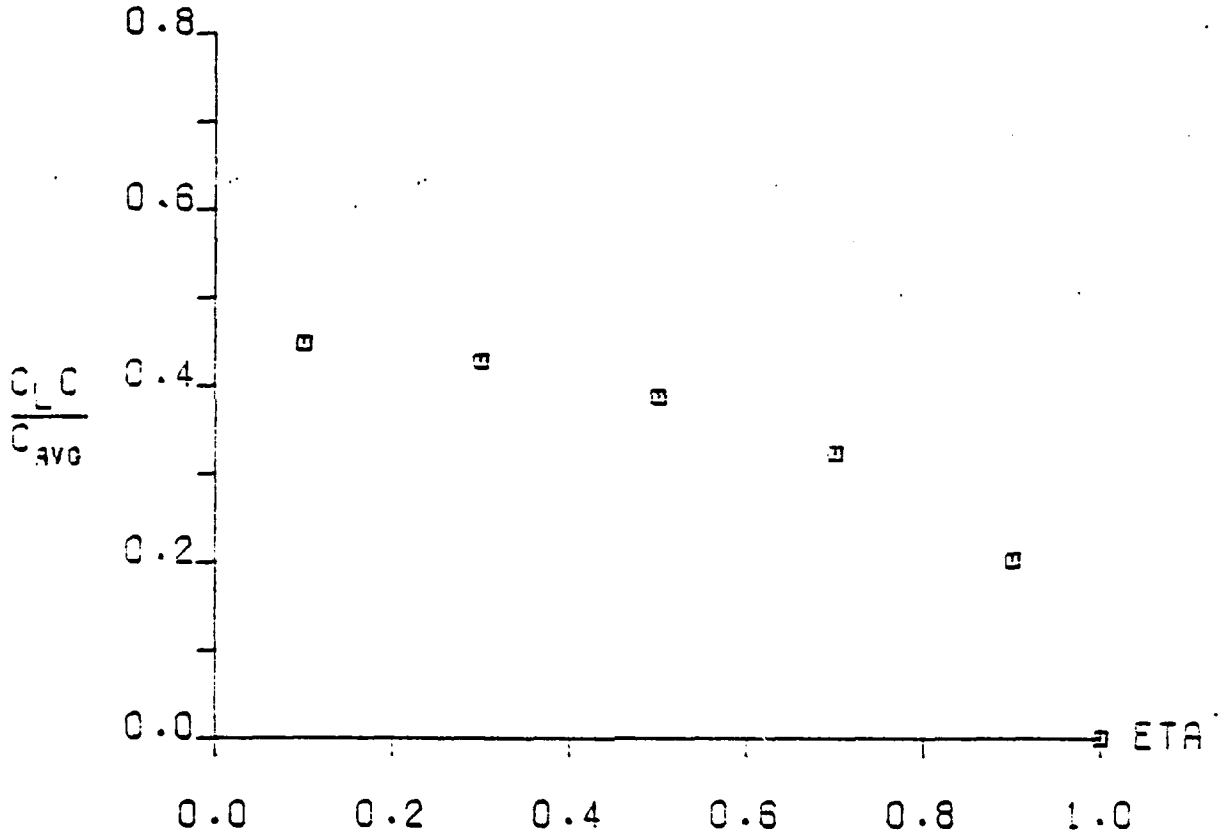
LOCKHEED CFWT SEMI-SPAN TEST, RUN 40
BASIC DATA
NUMERICALLY OPTIMIZED WING C

MACH NO = 0.850
ALPHA = 2.948
CLO = 0.353

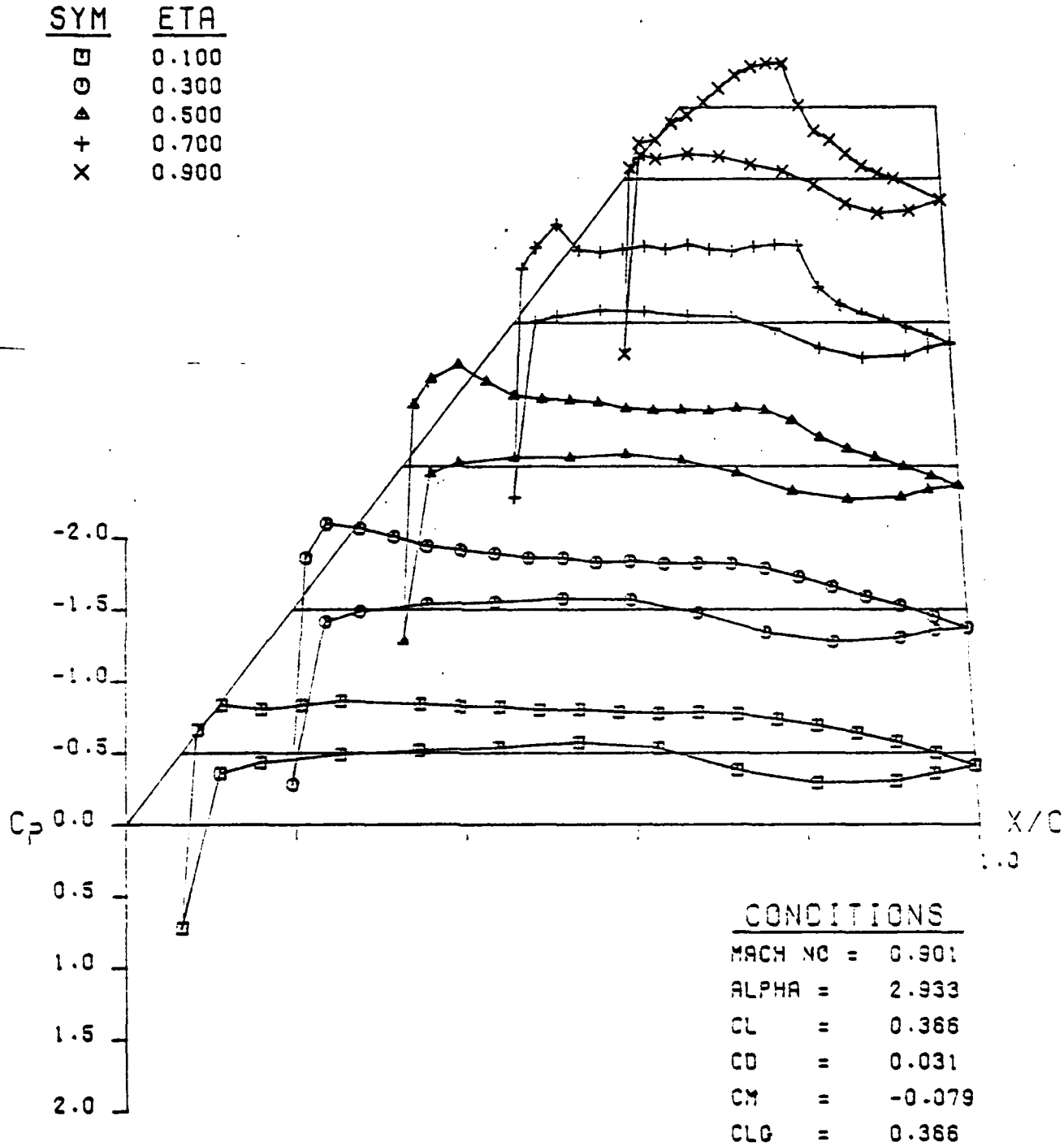


LOCKHEED CFWT SEMI-SPAN TEST, RUN 40
BASIC DATA
NUMERICALLY OPTIMIZED WING C

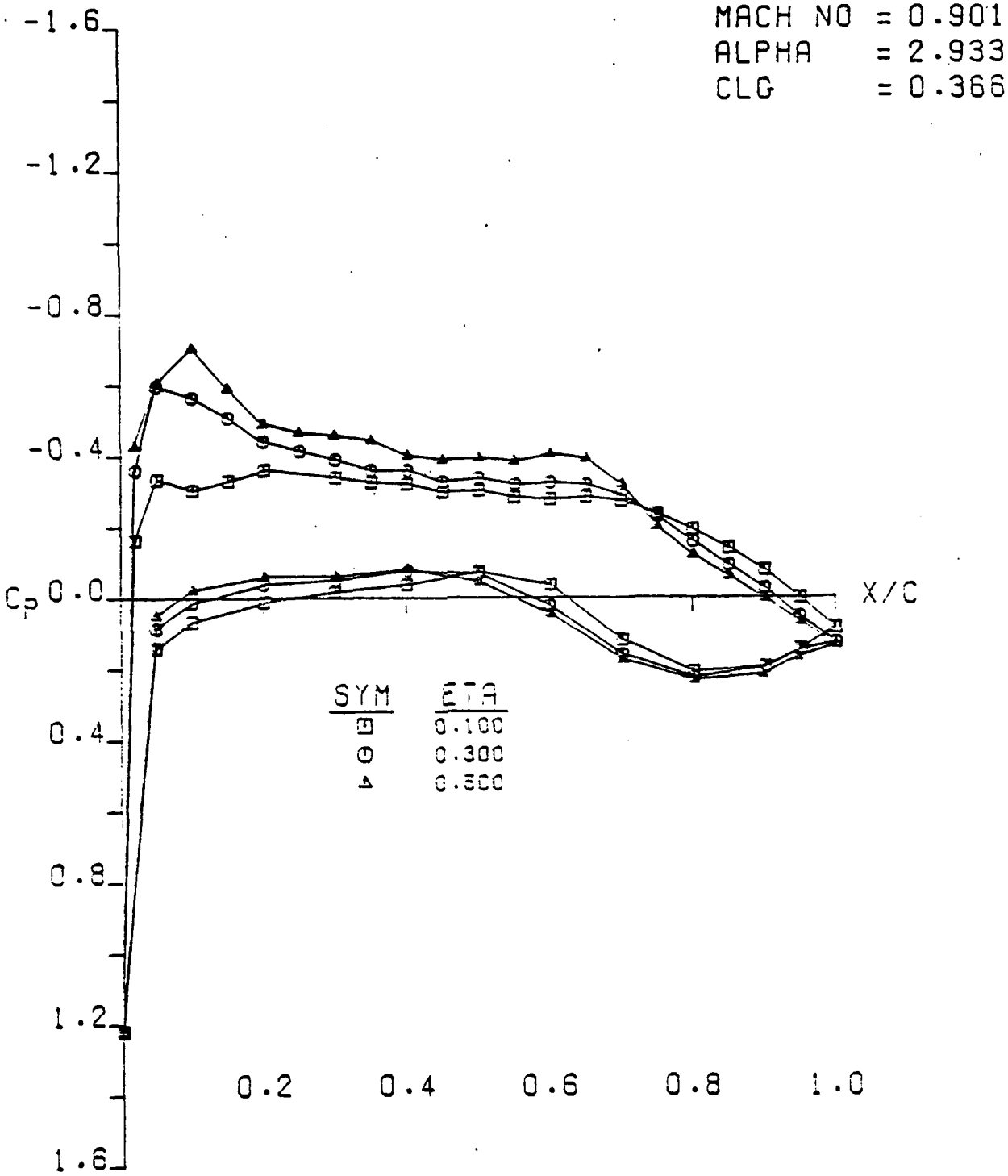
MACH NO = 0.850
ALPHA = 2.948
CLG = 0.353



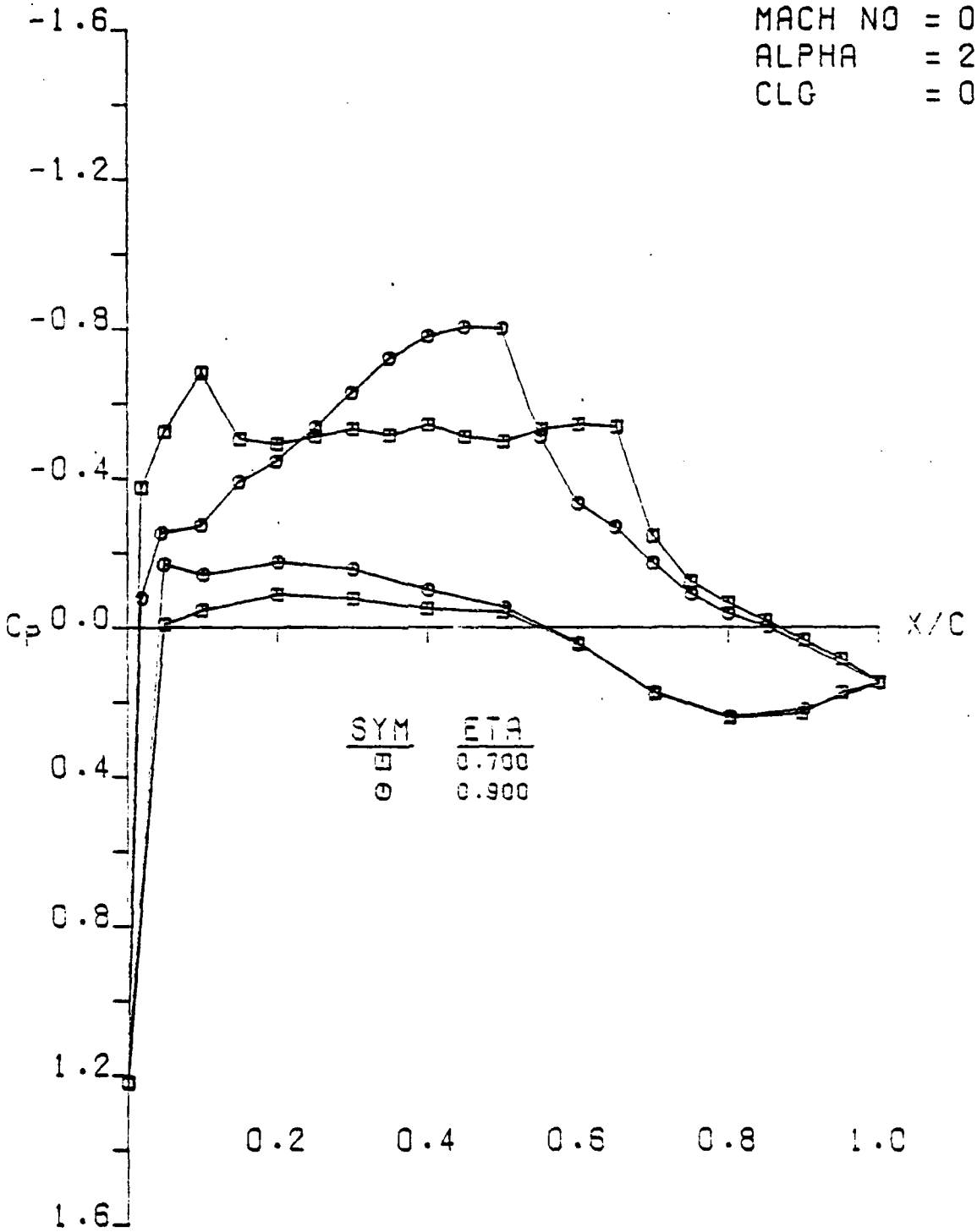
LOCKHEED CFWT SEMI-SPAN TEST, RUN 40
BASIC DATA
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 51
BASIC DATA
NUMERICALLY OPTIMIZED WING C

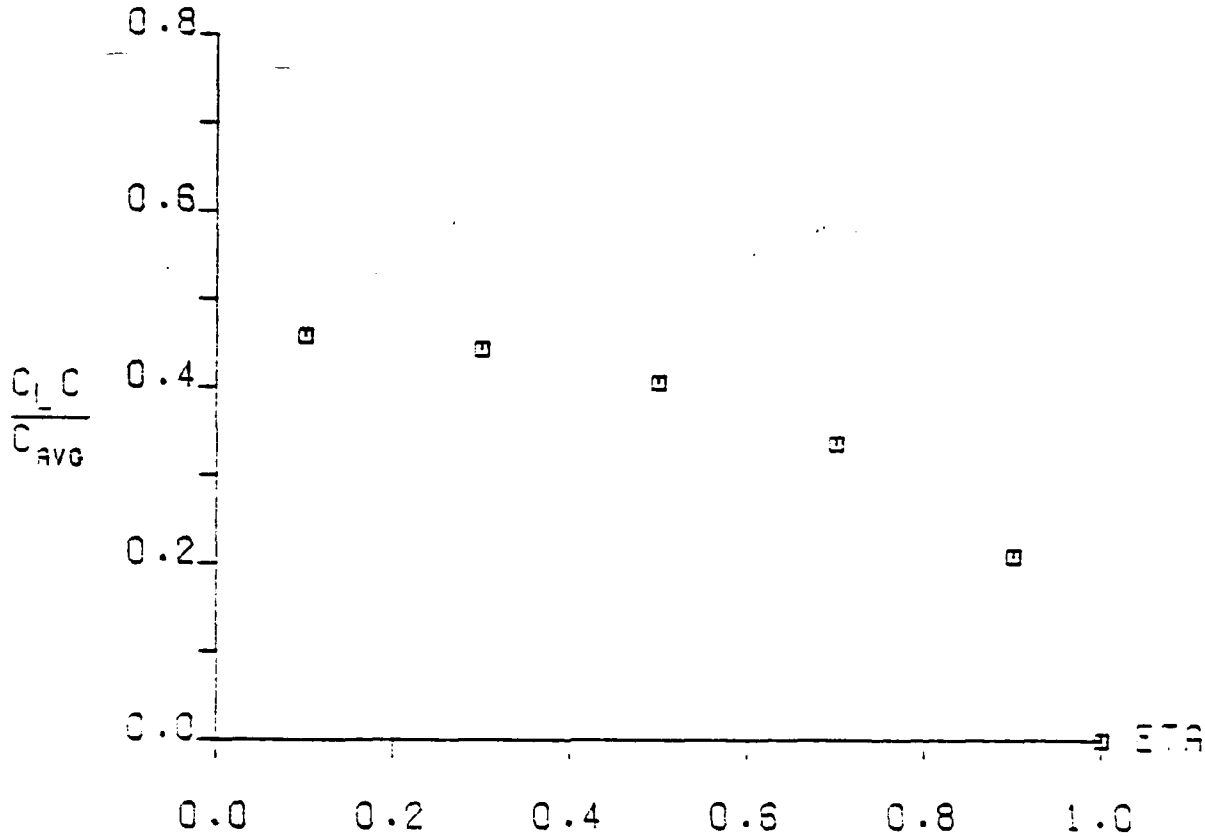


LOCKHEED CFWT SEMI-SPAN TEST, RUN 51
BASIC DATA
NUMERICALLY OPTIMIZED WING C



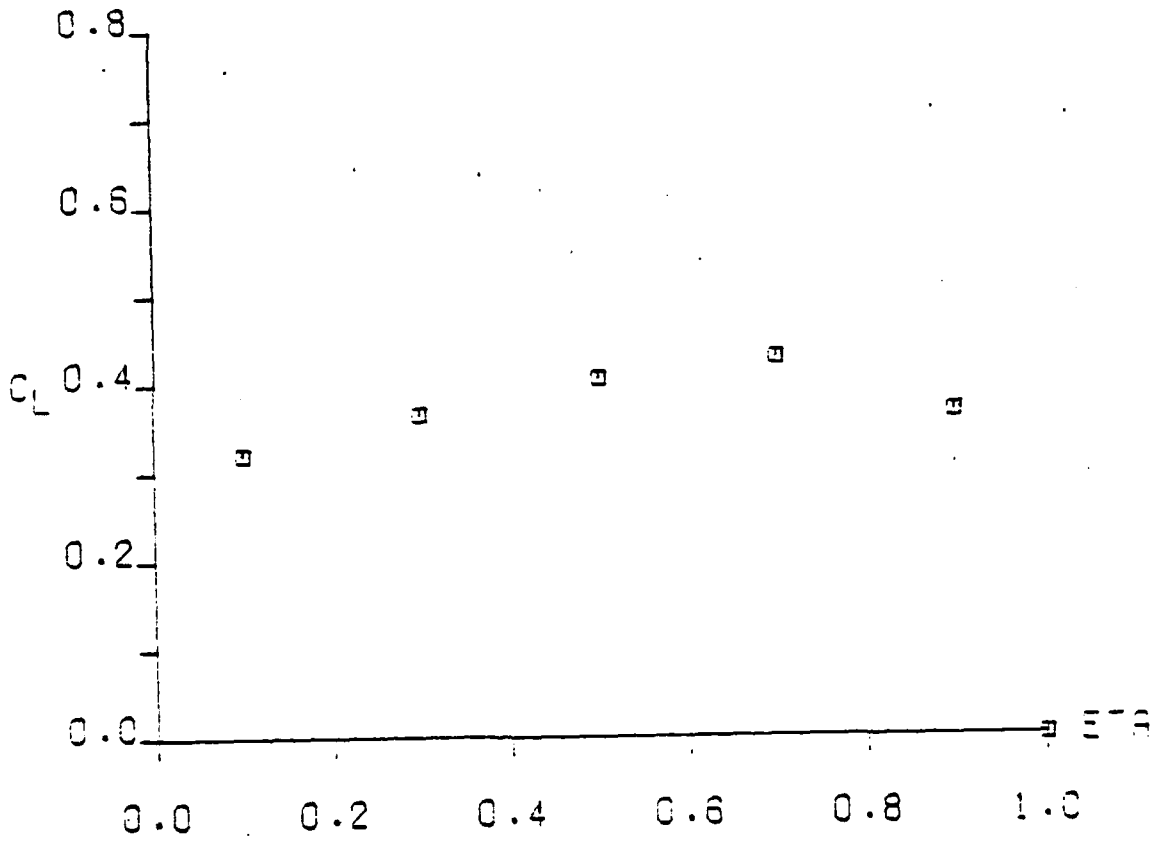
LOCKHEED CFWT SEMI-SPAN TEST, RUN 51
BASIC DATA
NUMERICALLY OPTIMIZED WING C

MACH NO = 0.901
ALPHA = 2.933
CLG = 0.366

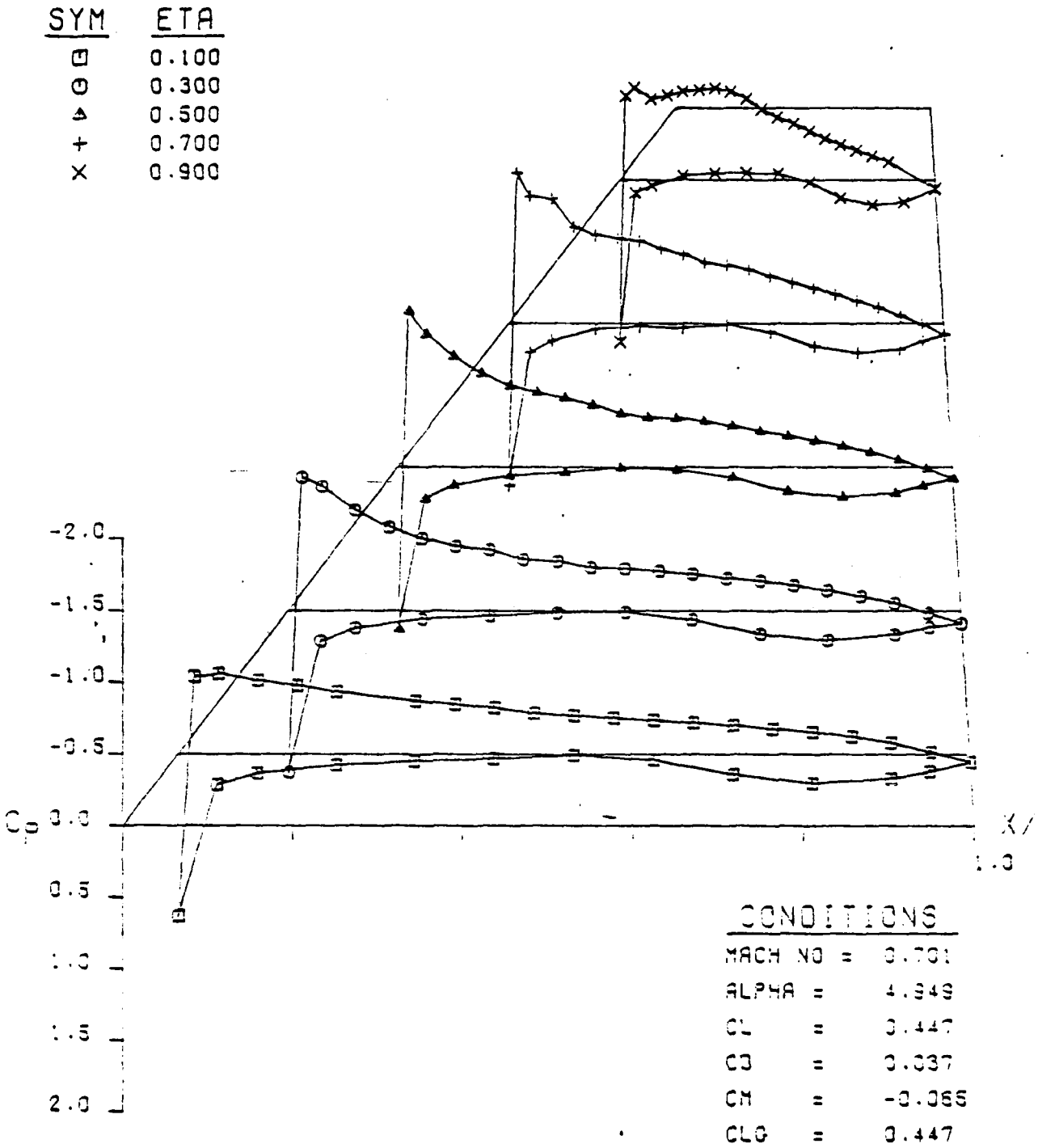


LOCKHEED CFWT SEMI-SPAN TEST, RUN 51
BASIC DATA
NUMERICALLY OPTIMIZED WING C

MACH NO = 0.901
ALPHA = 2.933
CLG = 0.366

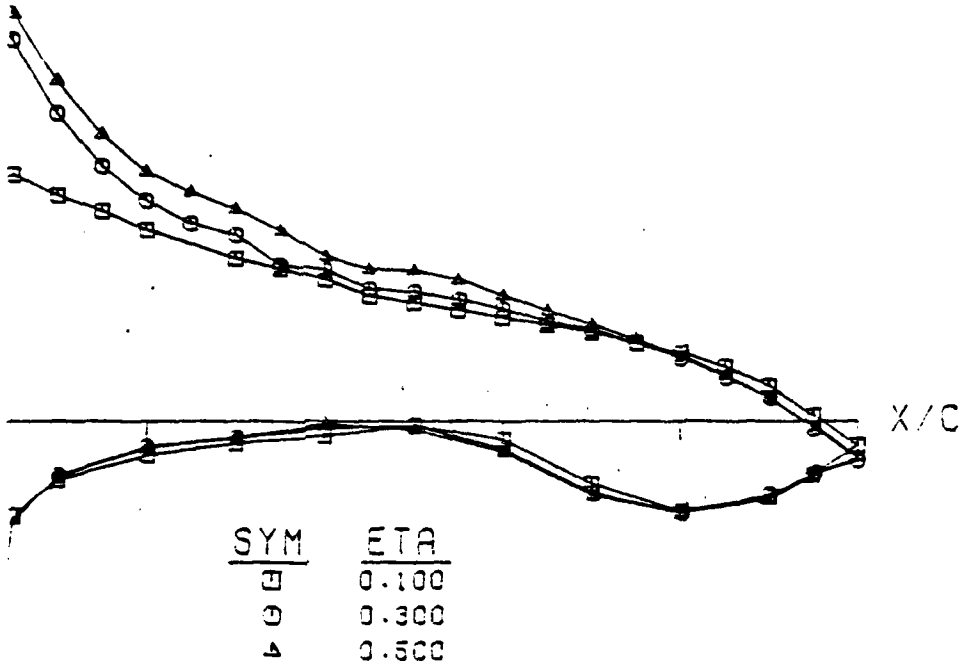


LOCKHEED CFWT SEMI-SPAN TEST, RUN 51
BASIC DATA
NUMERICALLY OPTIMIZED WING C



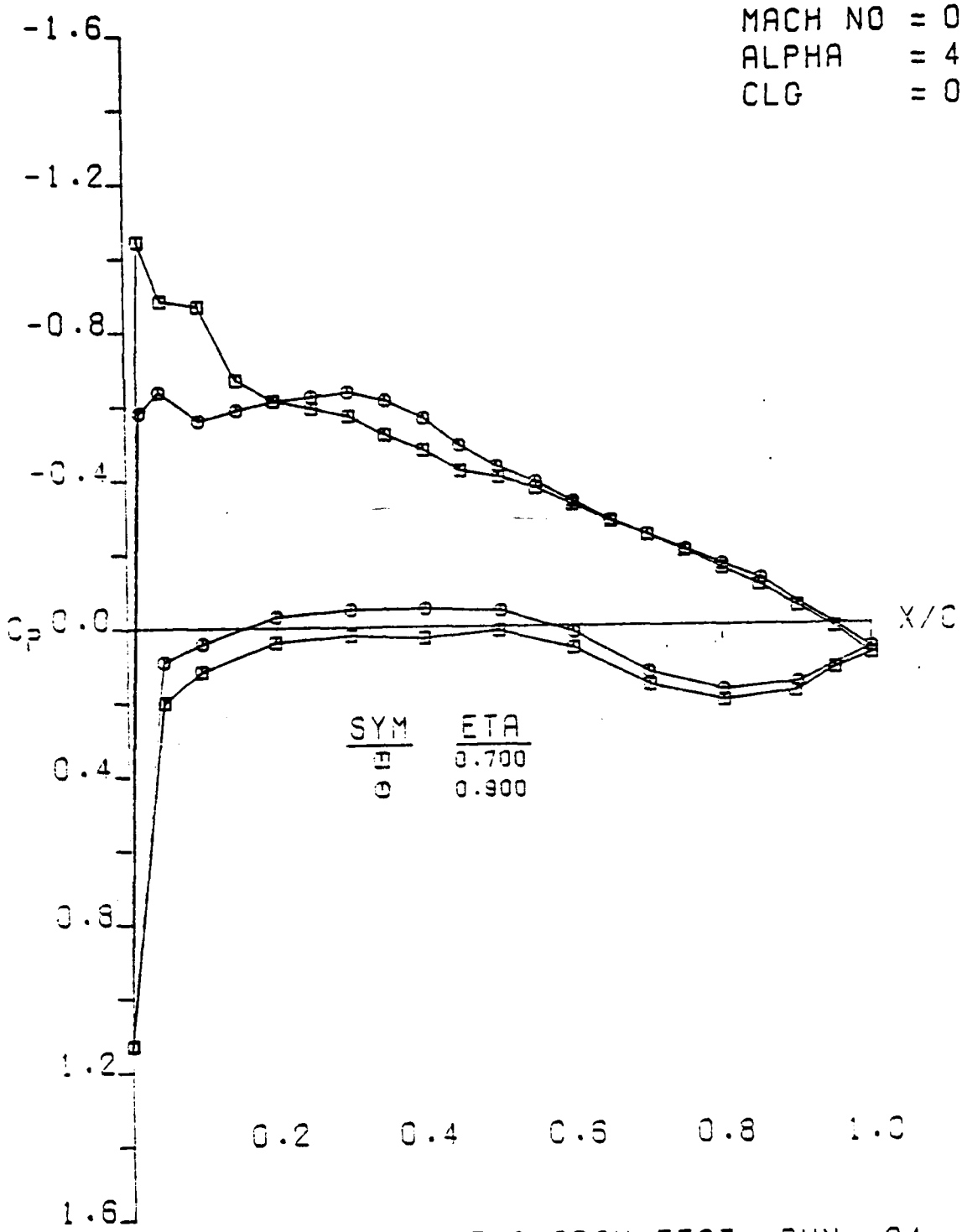
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
BASIC DATA
NUMERICALLY OPTIMIZED WING C

MACH NO = 0.701
ALPHA = 4.949
CLG = 0.447



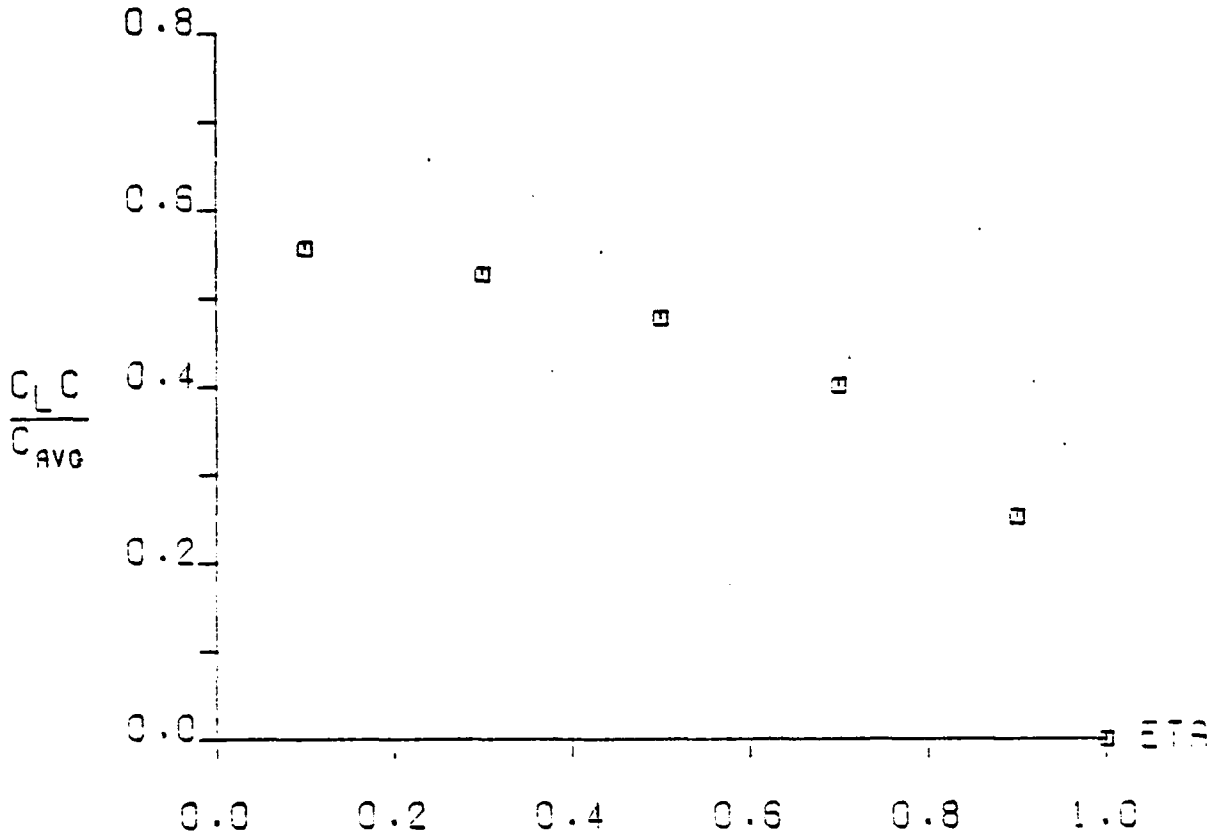
0.2 0.4 0.6 0.8 1.0

.OCKHEED CFWT SEMI-SPAN TEST, RUN 24
ASIC DATA
UMERICALLY OPTIMIZED WING C



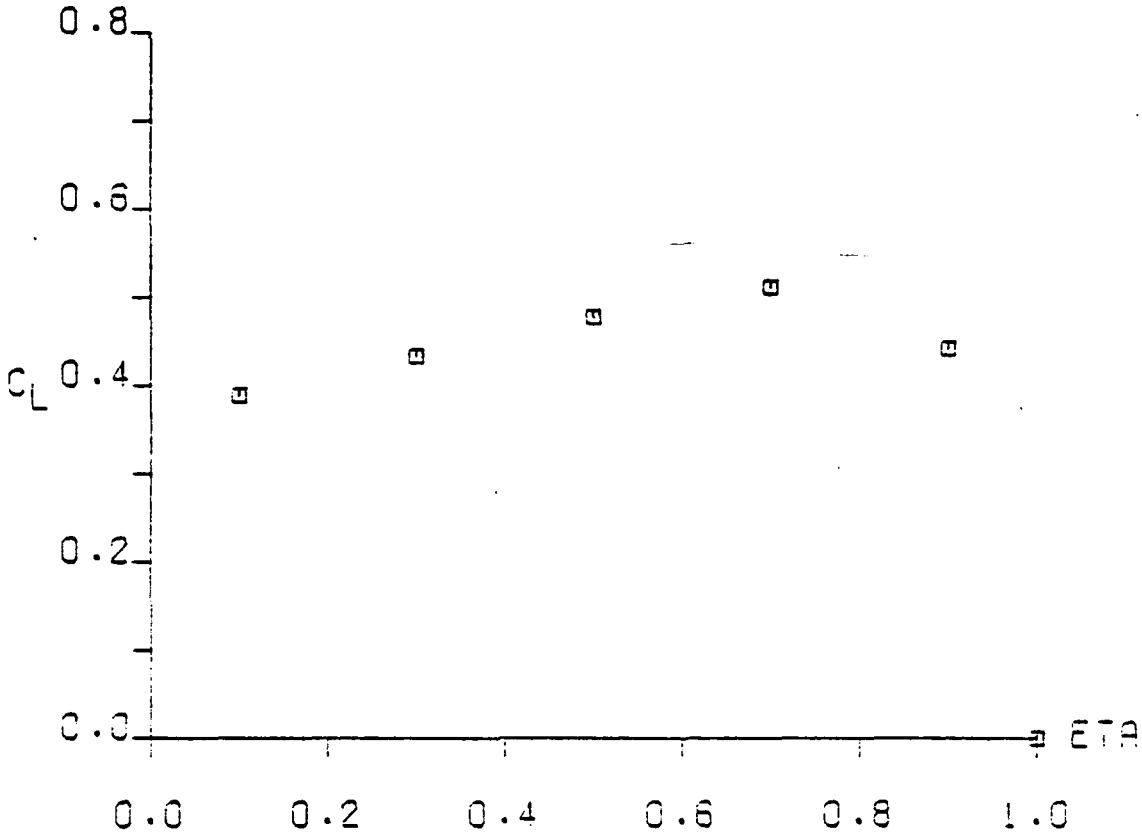
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
BASIC DATA
NUMERICALLY OPTIMIZED WING C

MACH NO = 0.701
ALPHA = 4.949
CLG = 0.447

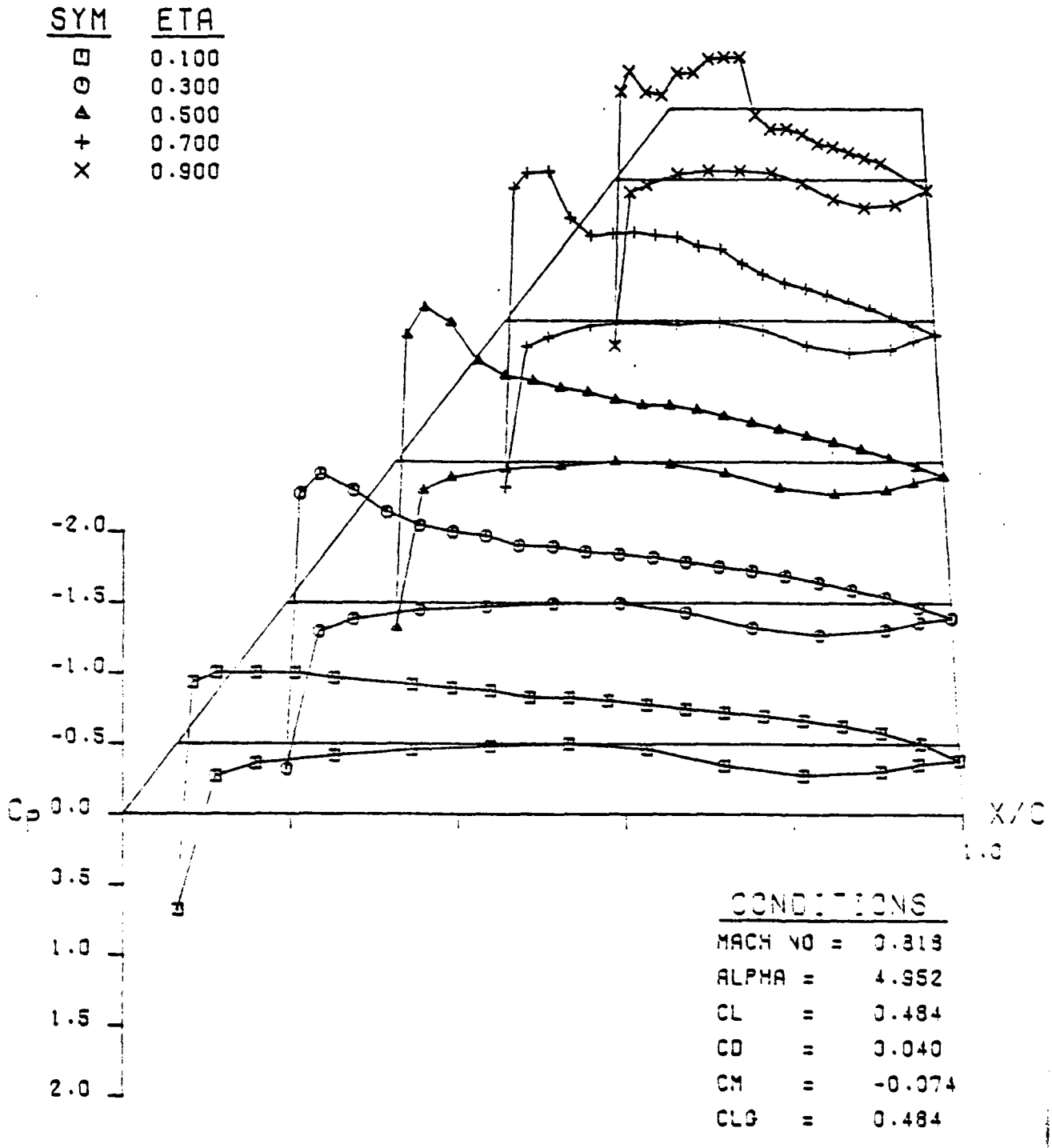


LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
BASIC DATA
NUMERICALLY OPTIMIZED WING C

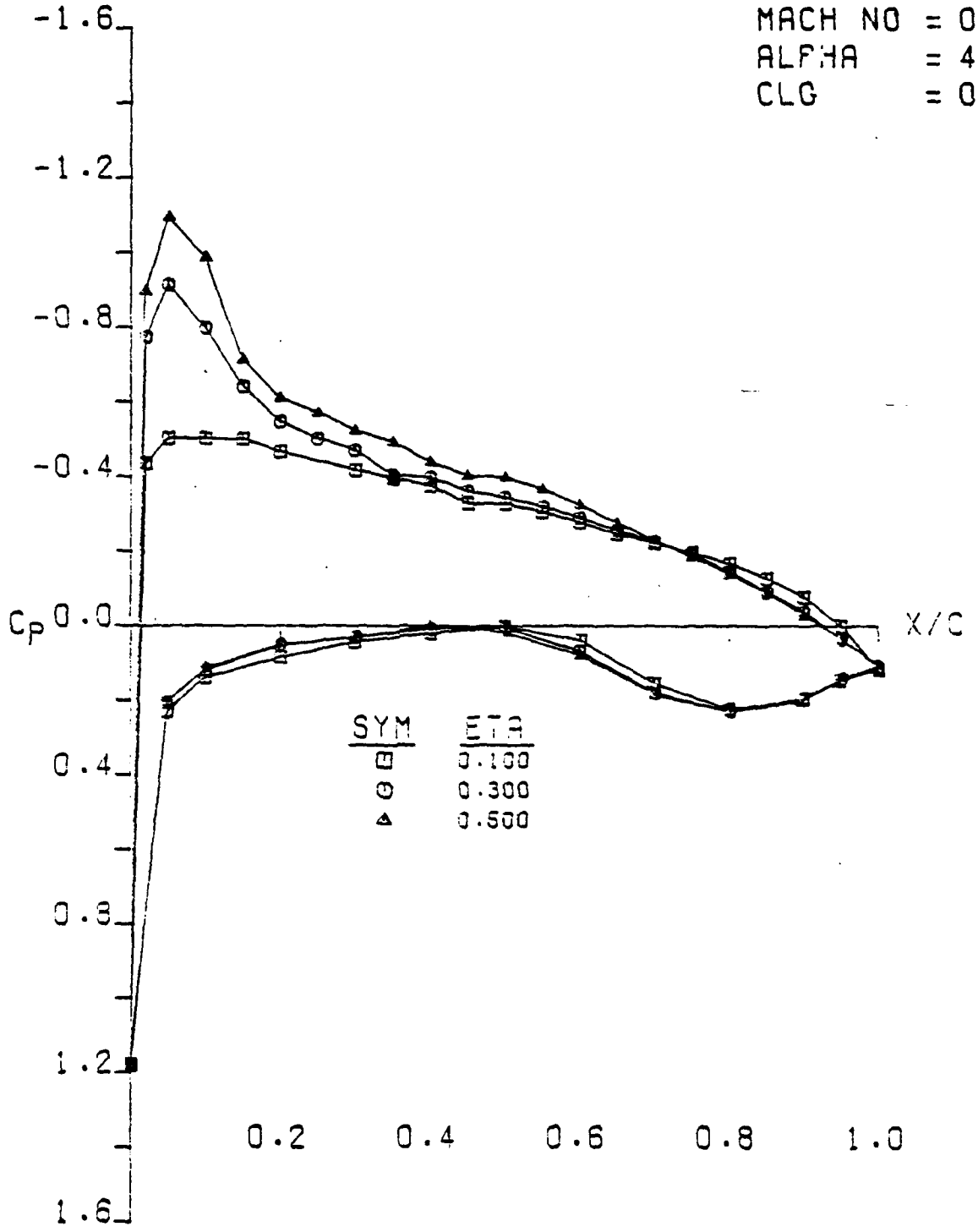
MACH NO = 0.701
ALPHA = 4.949
CLG = 0.447



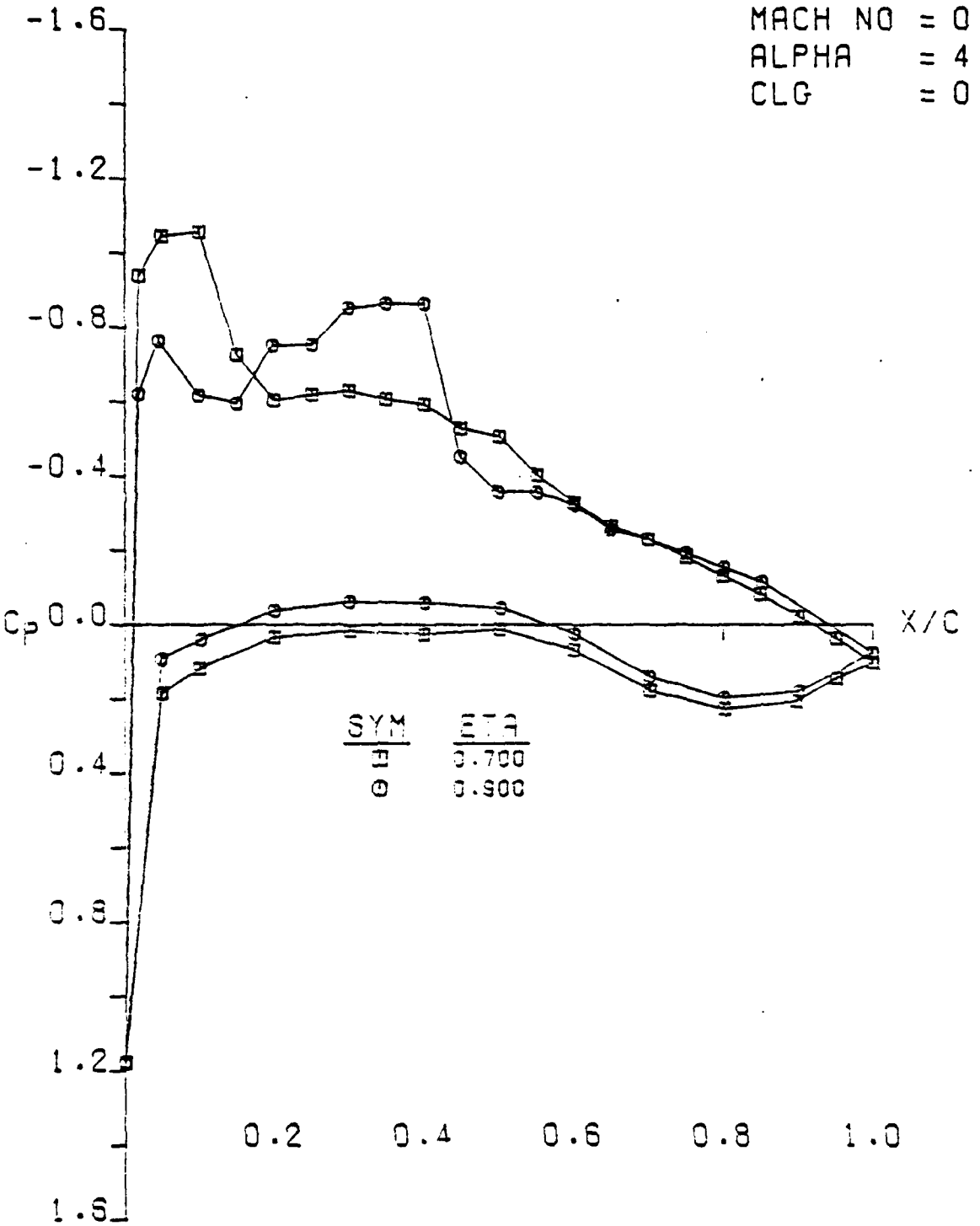
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
BASIC DATA
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 253
BASIC DATA
NUMERICALLY OPTIMIZED WING C

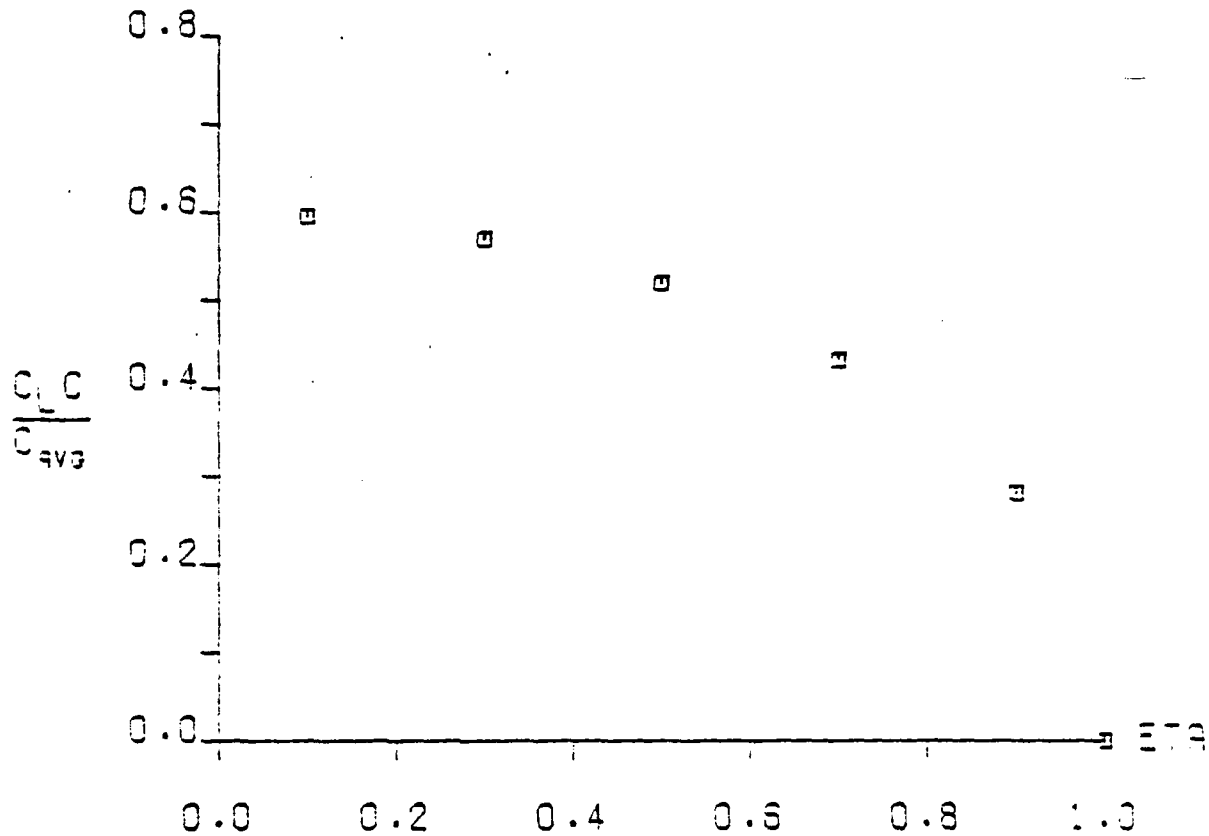


LOCKHEED CFWT SEMI-SPAN TEST, RUN 253
BASIC DATA
NUMERICALLY OPTIMIZED WING C



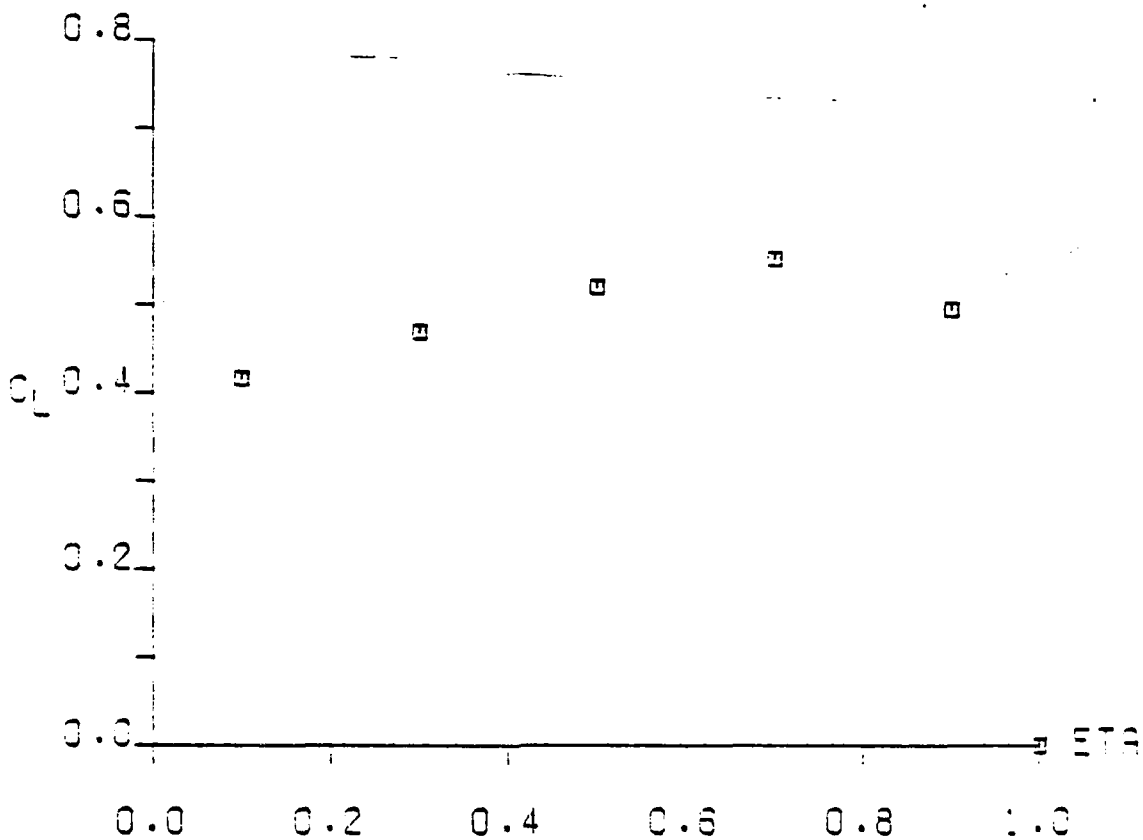
LOCKHEED CFWT SEMI-SPAN TEST, RUN 253
BASIC DATA
NUMERICALLY OPTIMIZED WING C

MACH NO = 0.818
ALPHA = 4.952
CLG = 0.484

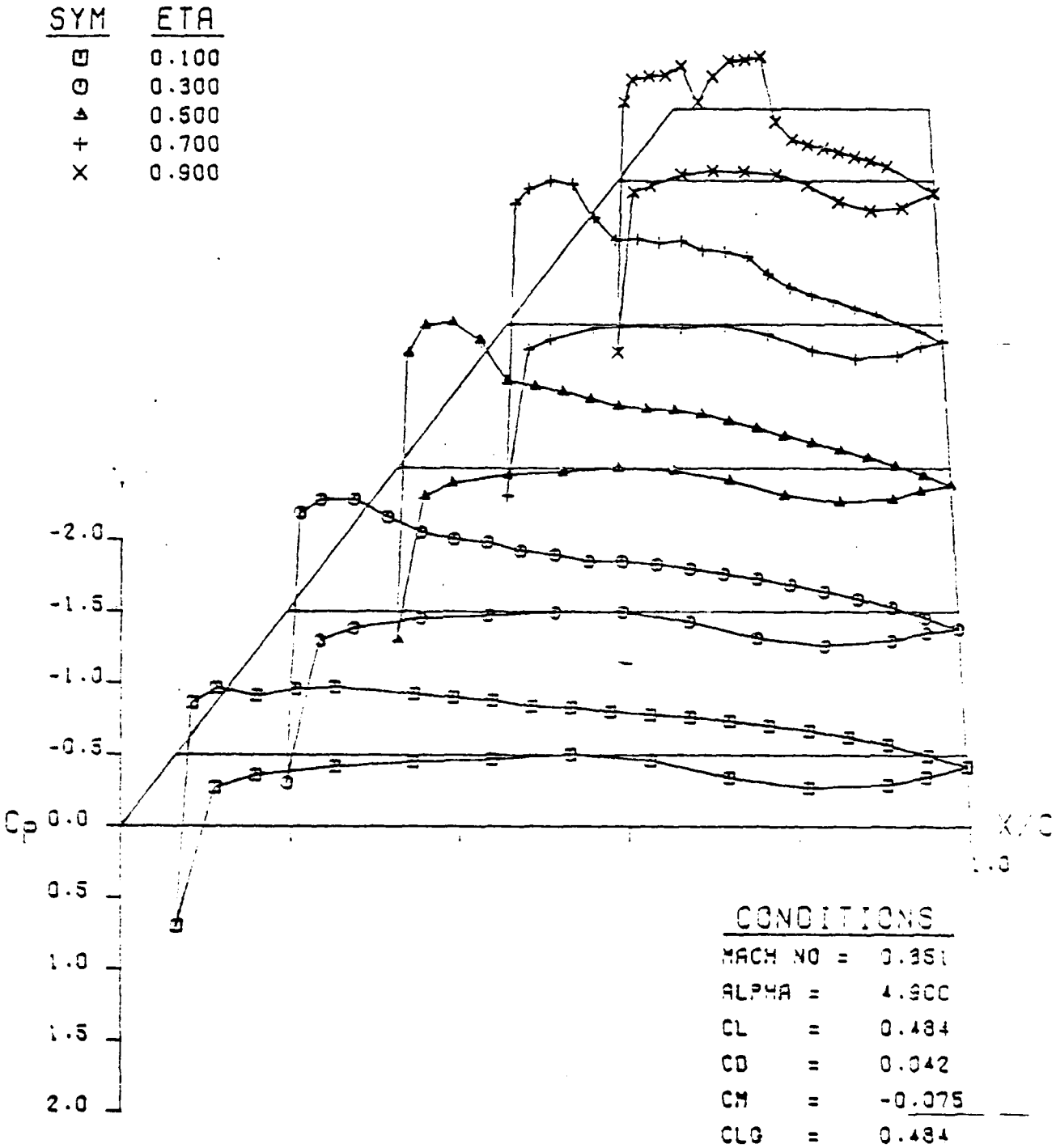


LOCKHEED CFWT SEMI-SPAN TEST, RUN 253
BASIC DATA
NUMERICALLY OPTIMIZED WING C

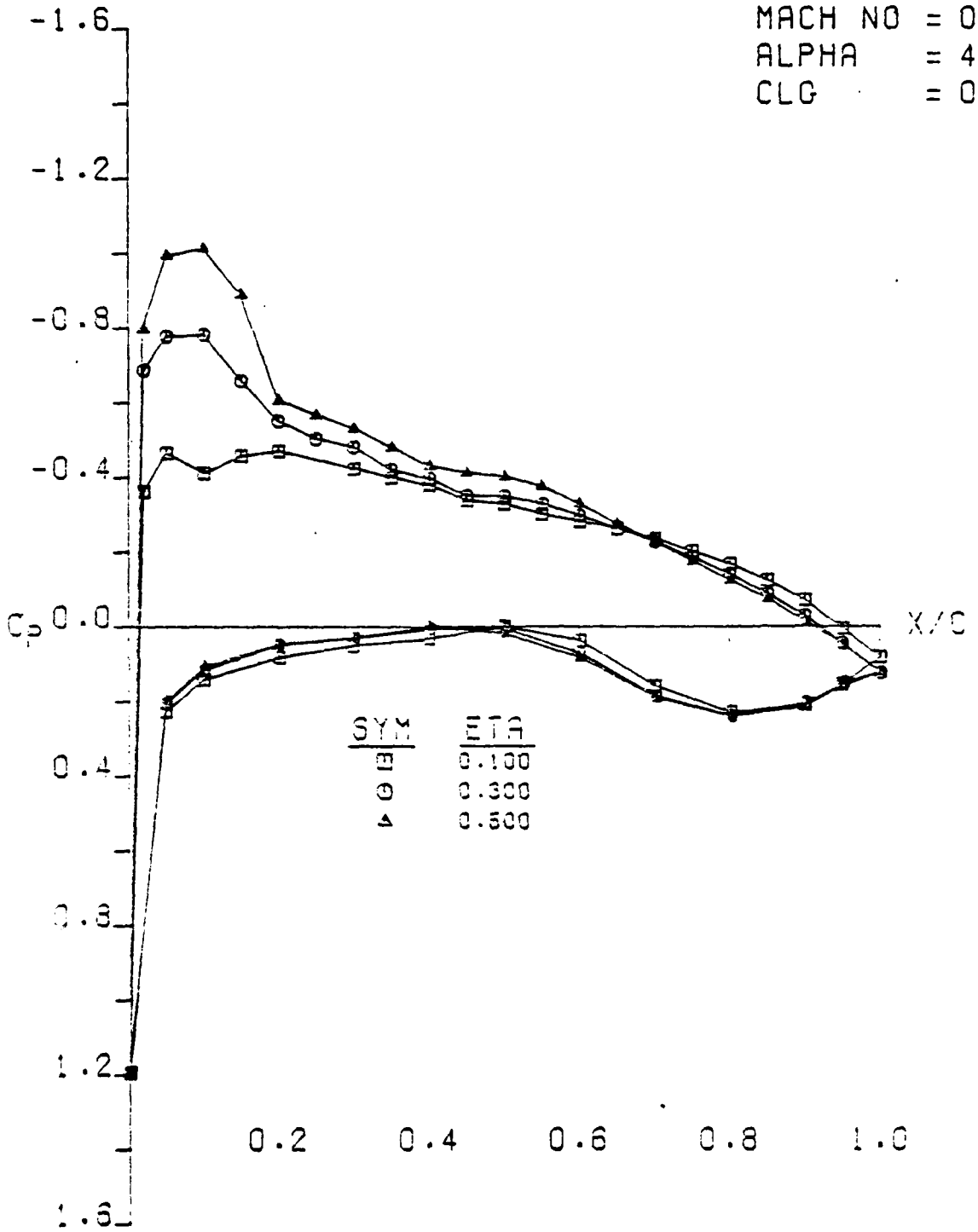
MACH NO = 0.818
ALPHA = 4.952
CLG = 0.484



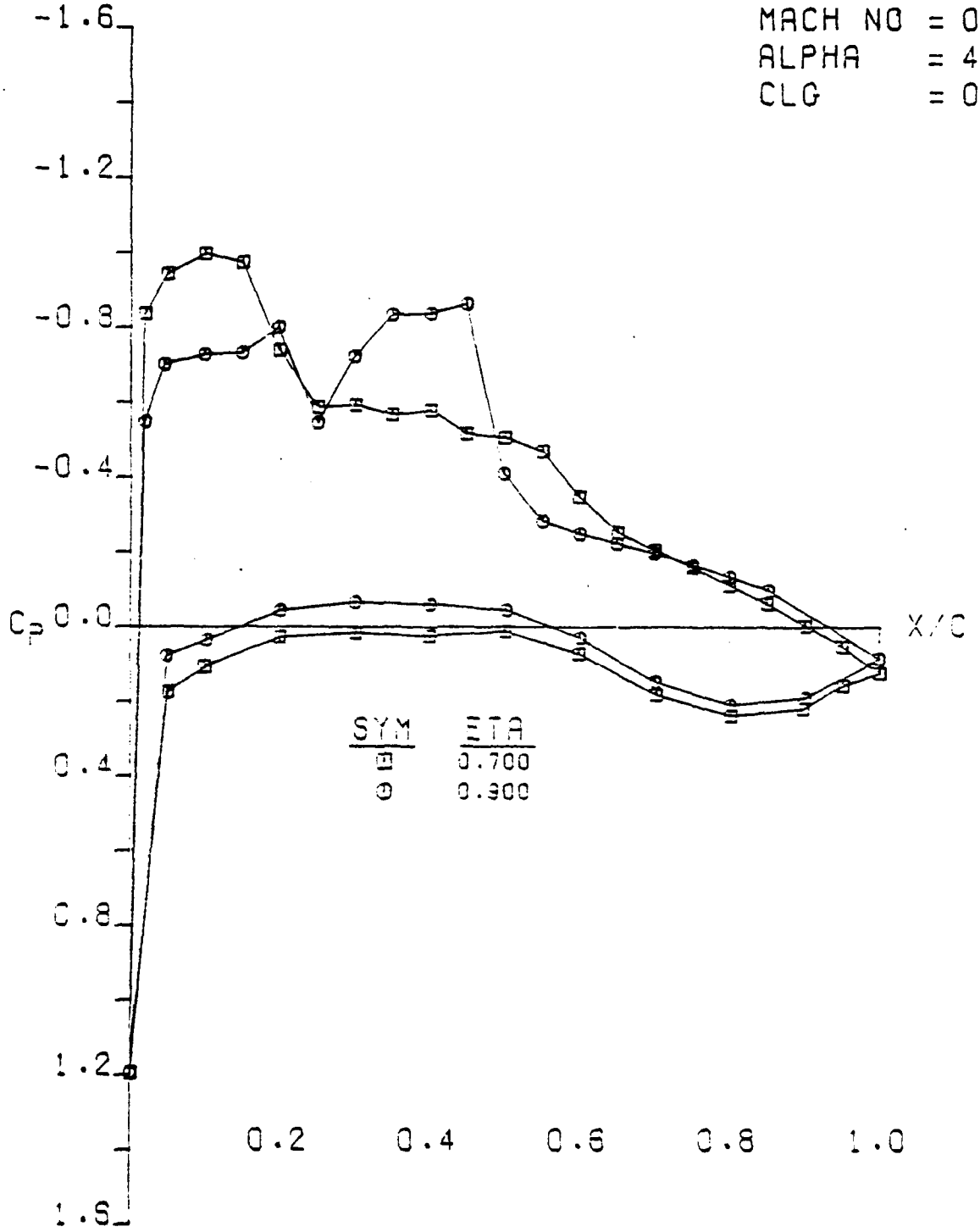
LOCKHEED CFWT SEMI-SPAN TEST, RUN 253
BASIC DATA
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 42
BASIC DATA
NUMERICALLY OPTIMIZED WING C

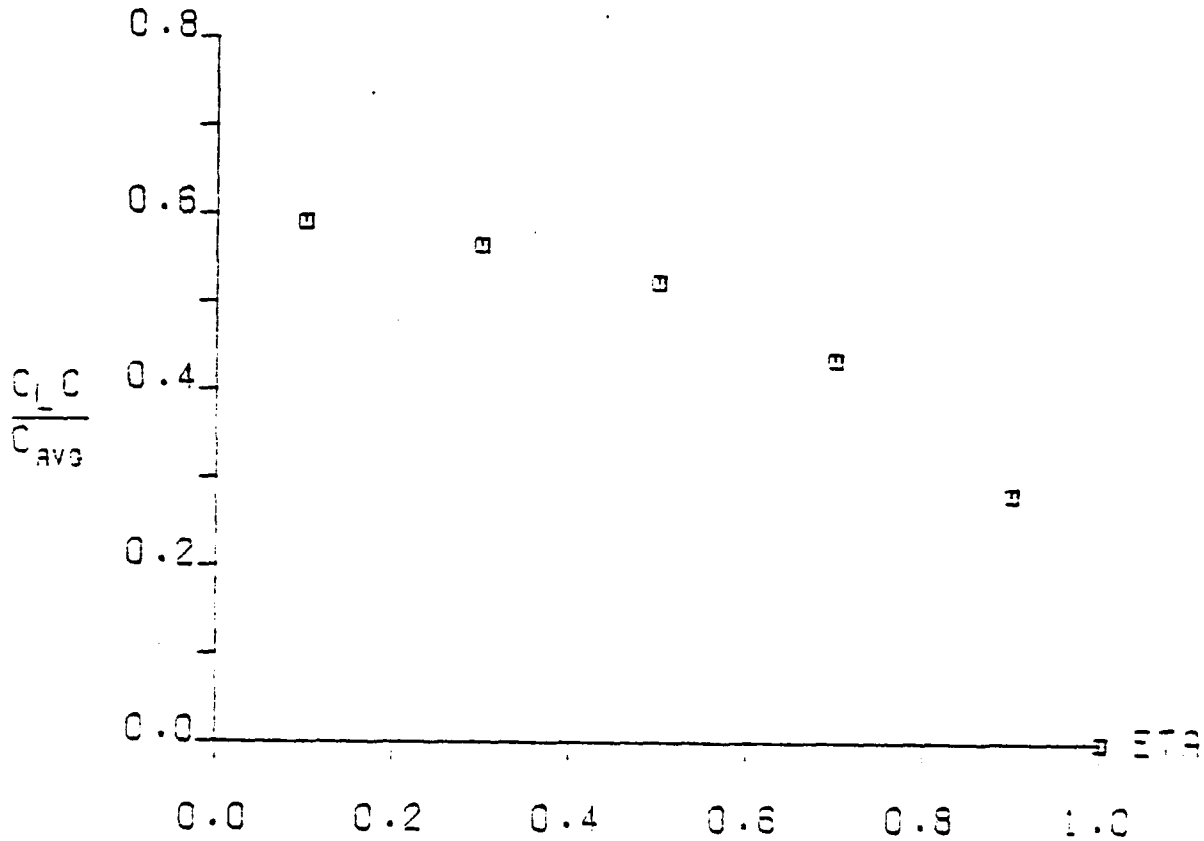


LOCKHEED CFWT SEMI-SPAN TEST, RUN 42
BASIC DATA
NUMERICALLY OPTIMIZED WING C



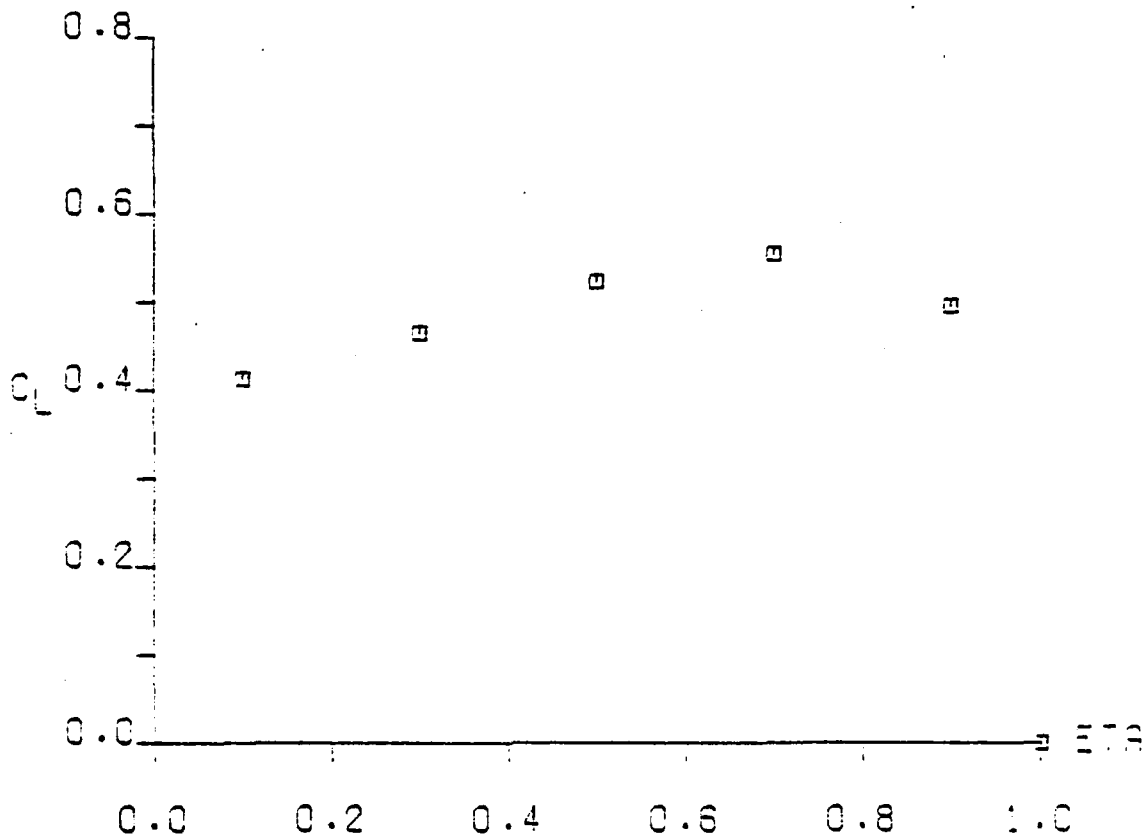
LOCKHEED CFWT SEMI-SPAN TEST, RUN 42
BASIC DATA
NUMERICALLY OPTIMIZED WING C

MACH NO = 0.851
ALPHA = 4.900
CLG = 0.484

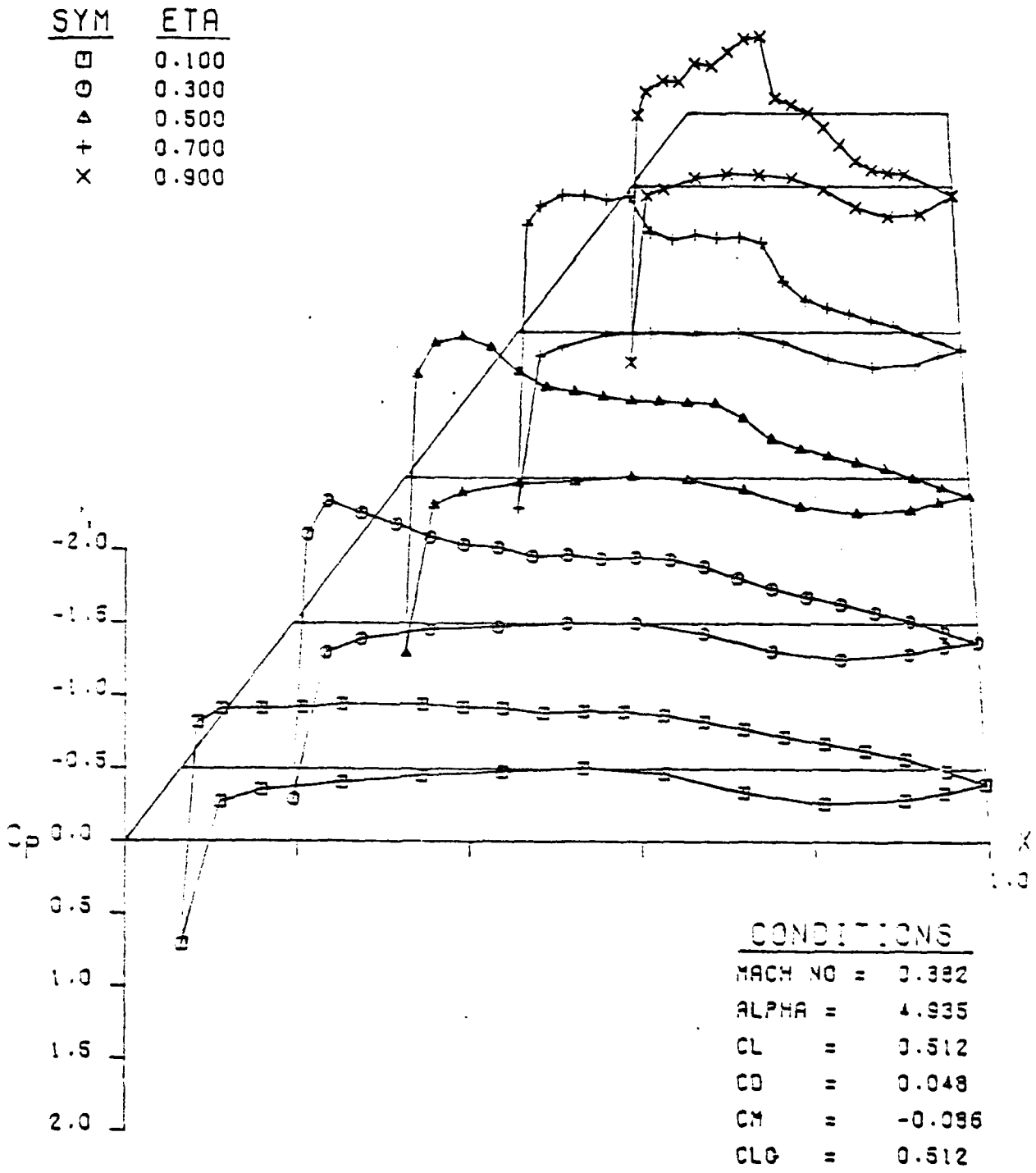


LOCKHEED CFWT SEMI-SPAN TEST, RUN 42
BASIC DATA
NUMERICALLY OPTIMIZED WING C

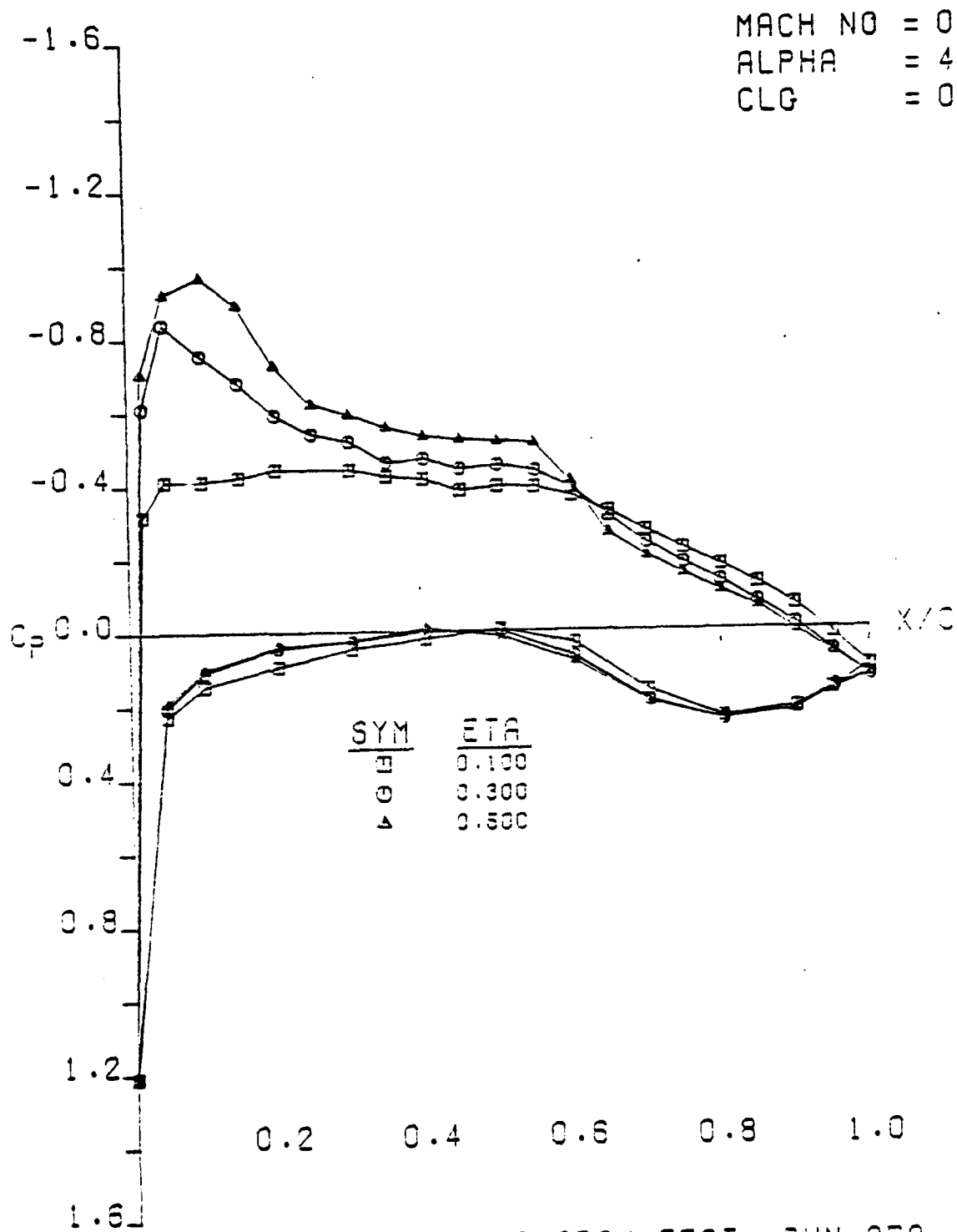
MACH NO = 0.851
ALPHA = 4.900
CLG = 0.484



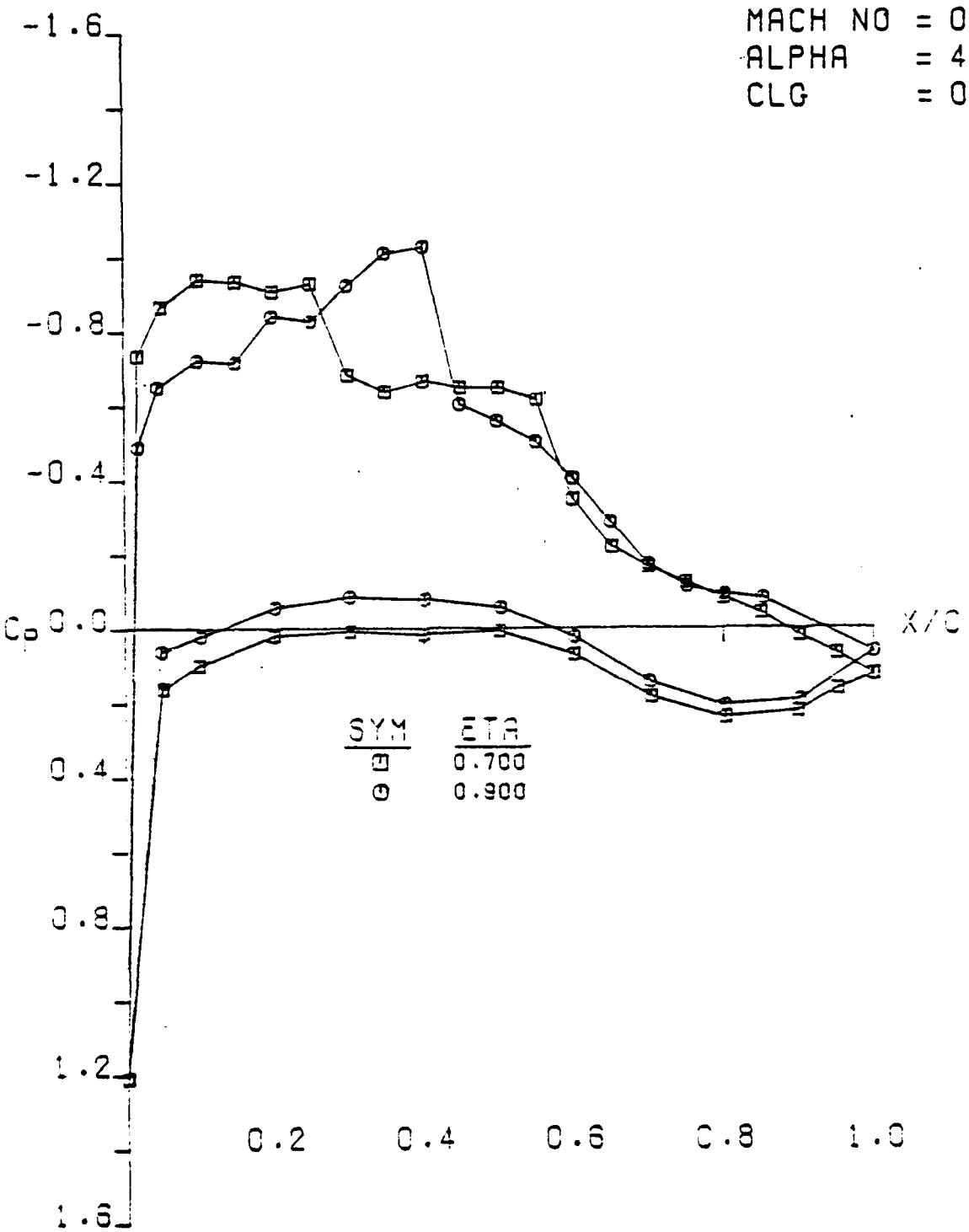
LOCKHEED CFWT SEMI-SPAN TEST, RUN 42
BASIC DATA
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 278
BASIC DATA
NUMERICALLY OPTIMIZED WING C

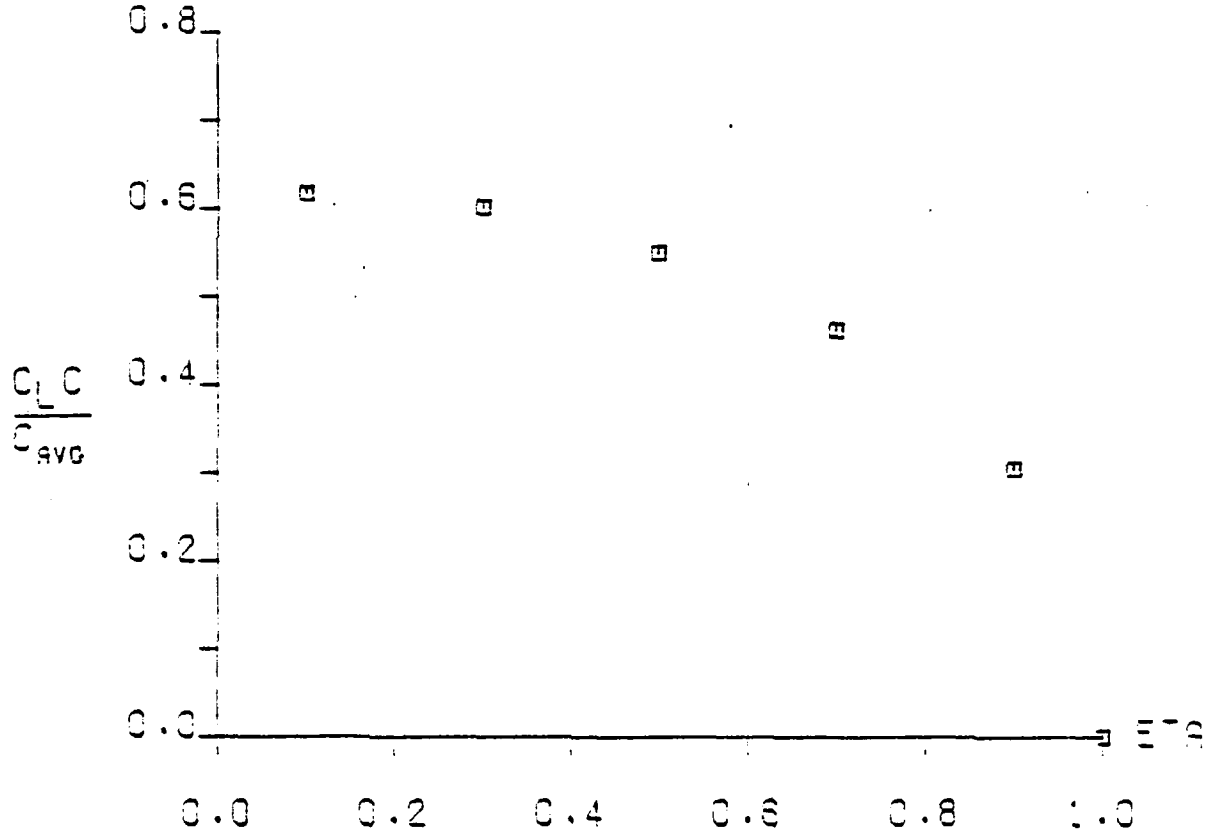


LOCKHEED CFWT SEMI-SPAN TEST, RUN 278
BASIC DATA
NUMERICALLY OPTIMIZED WING C



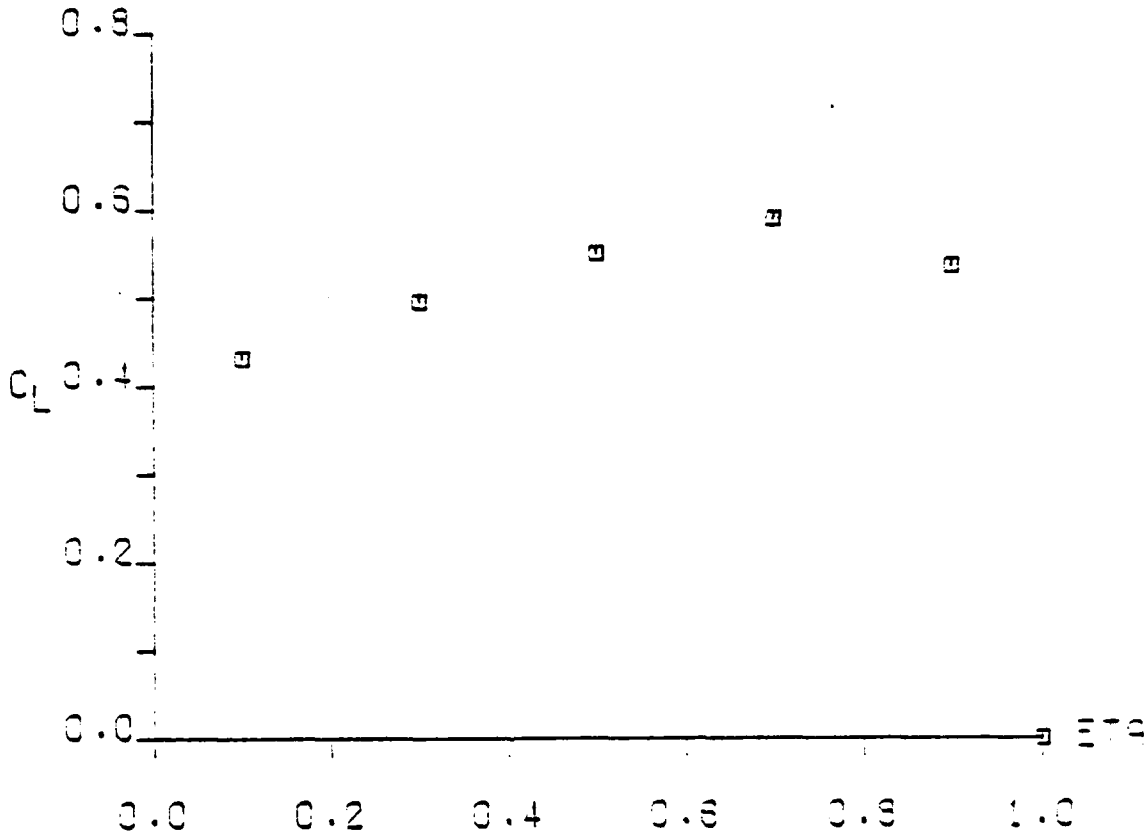
LOCKHEED CFWT SEMI-SPAN TEST, RUN 278
BASIC DATA
NUMERICALLY OPTIMIZED WING C

MACH NO = 0.882
ALPHA = 4.935
CLG = 0.512

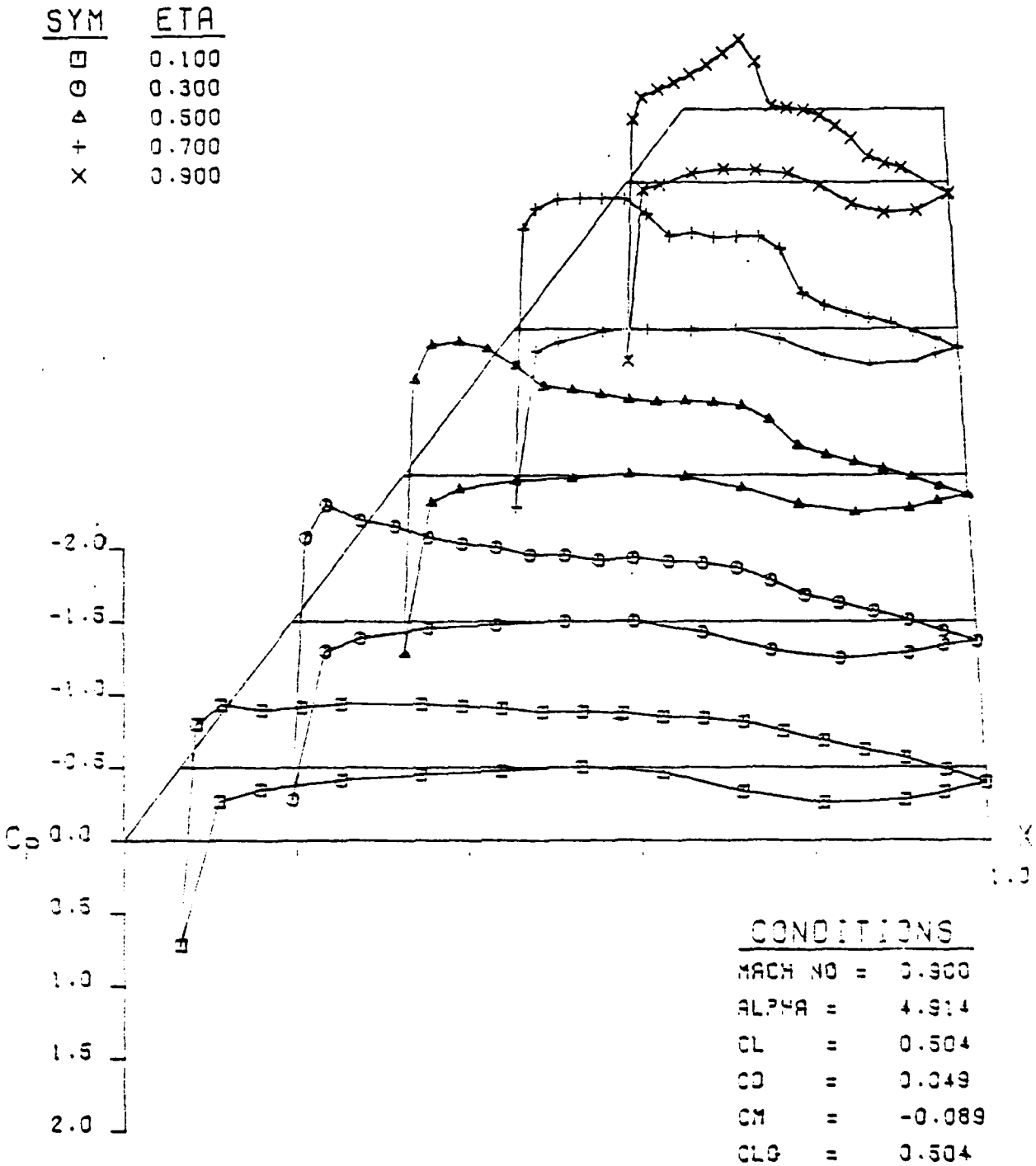


LOCKHEED CFWT SEMI-SPAN TEST, RUN 278
BASIC DATA
NUMERICALLY OPTIMIZED WING C

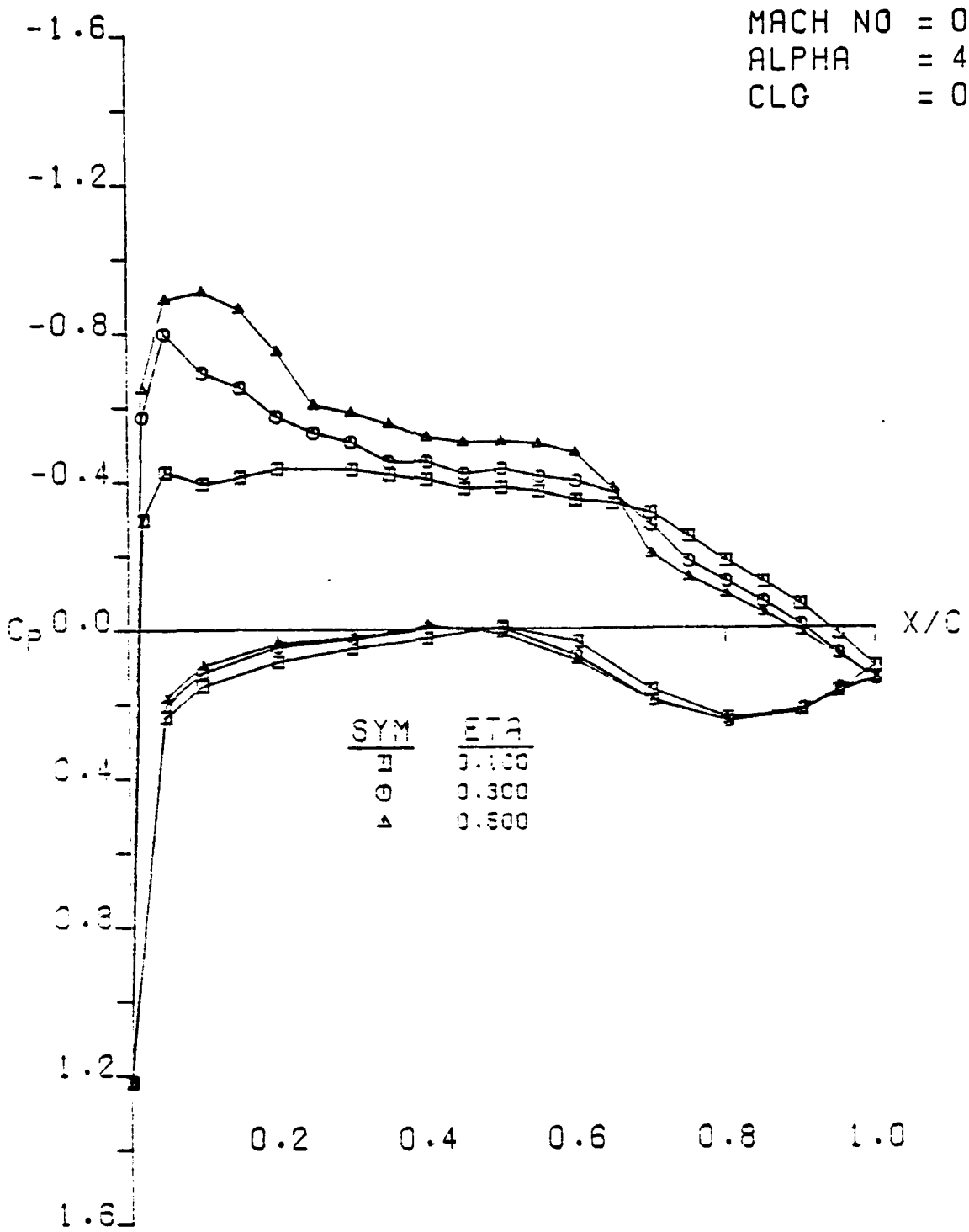
MACH NO = 0.882
ALPHA = 4.935
CLG = 0.512



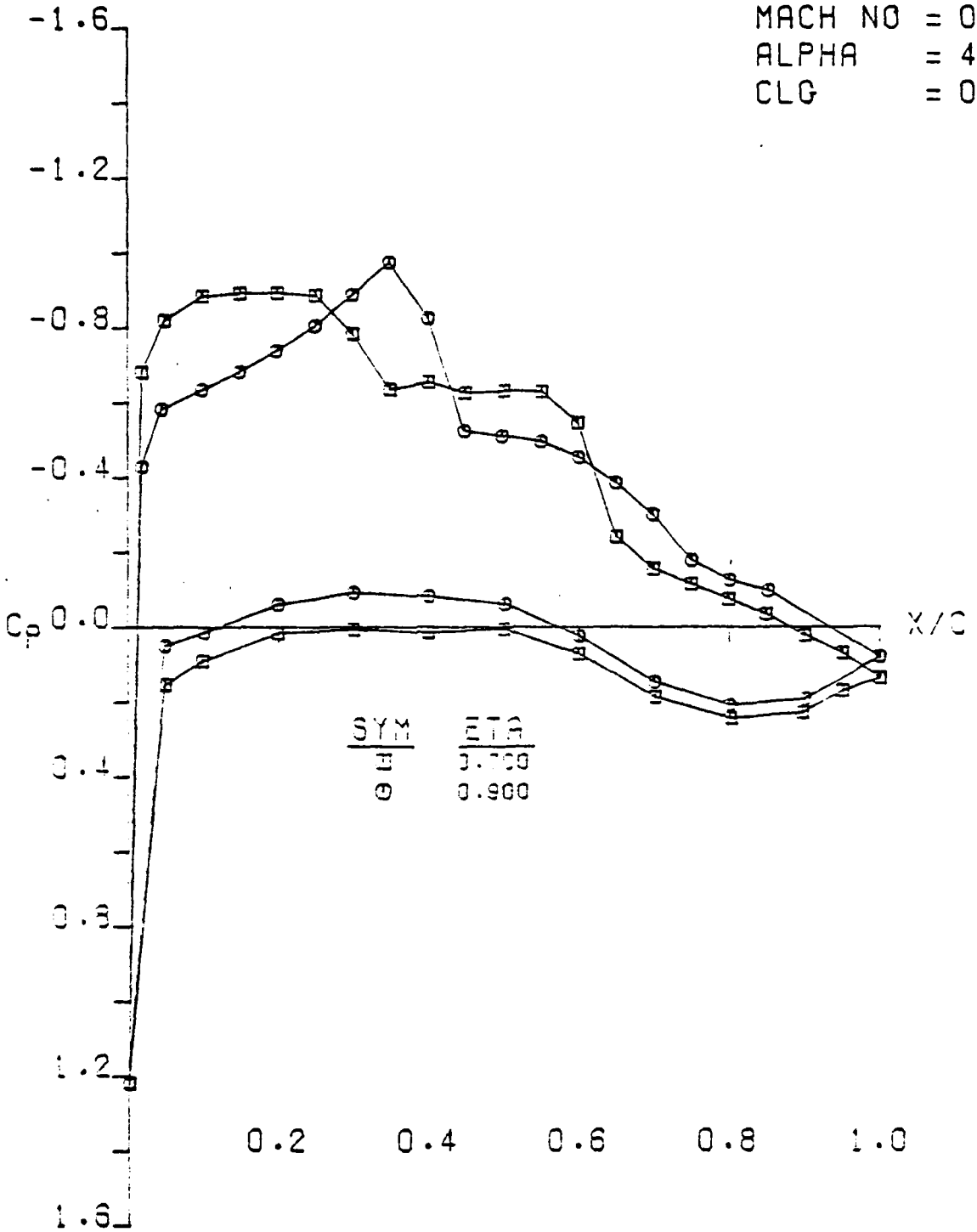
LOCKHEED CFWT SEMI-SPAN TEST, RUN 278
BASIC DATA
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
BASIC DATA
NUMERICALLY OPTIMIZED WING C

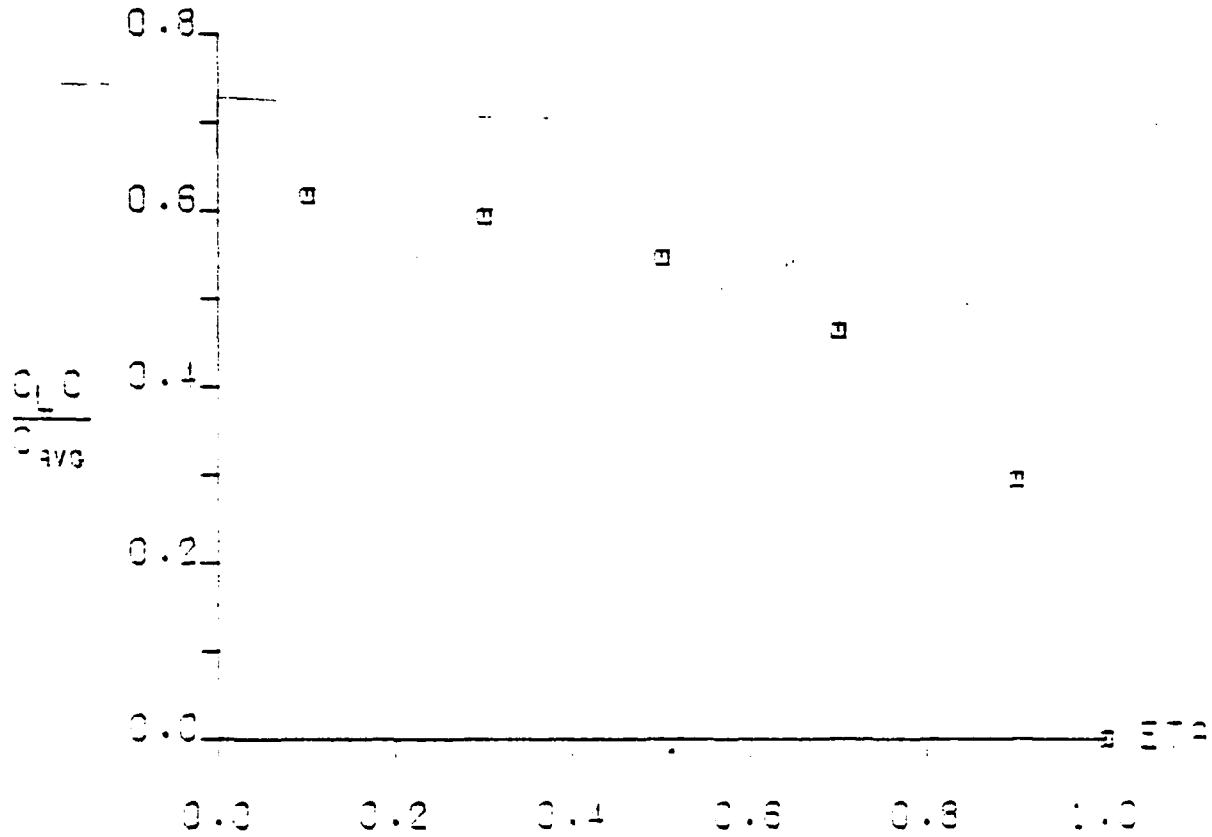


LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
BASIC DATA
NUMERICALLY OPTIMIZED WING C



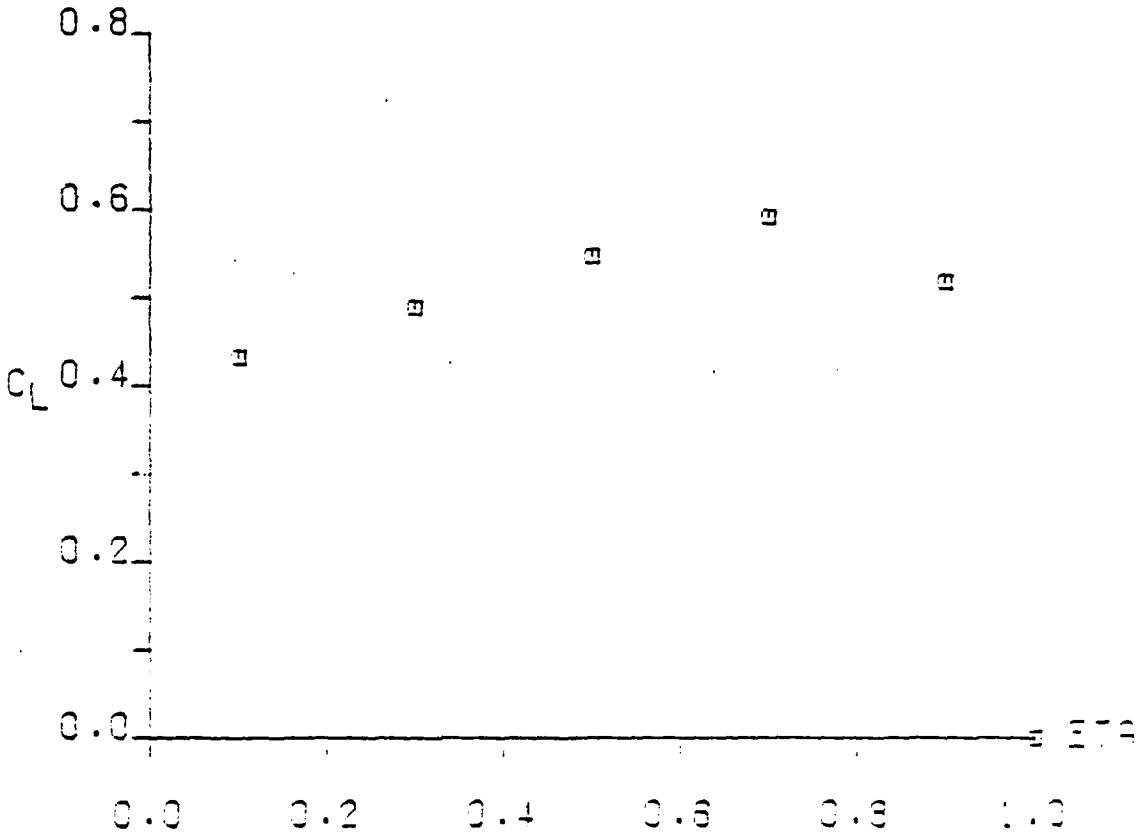
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
BASIC DATA
NUMERICALLY OPTIMIZED WING C

MACH NO = 0.900
ALPHA = 4.914
CLG = 0.504

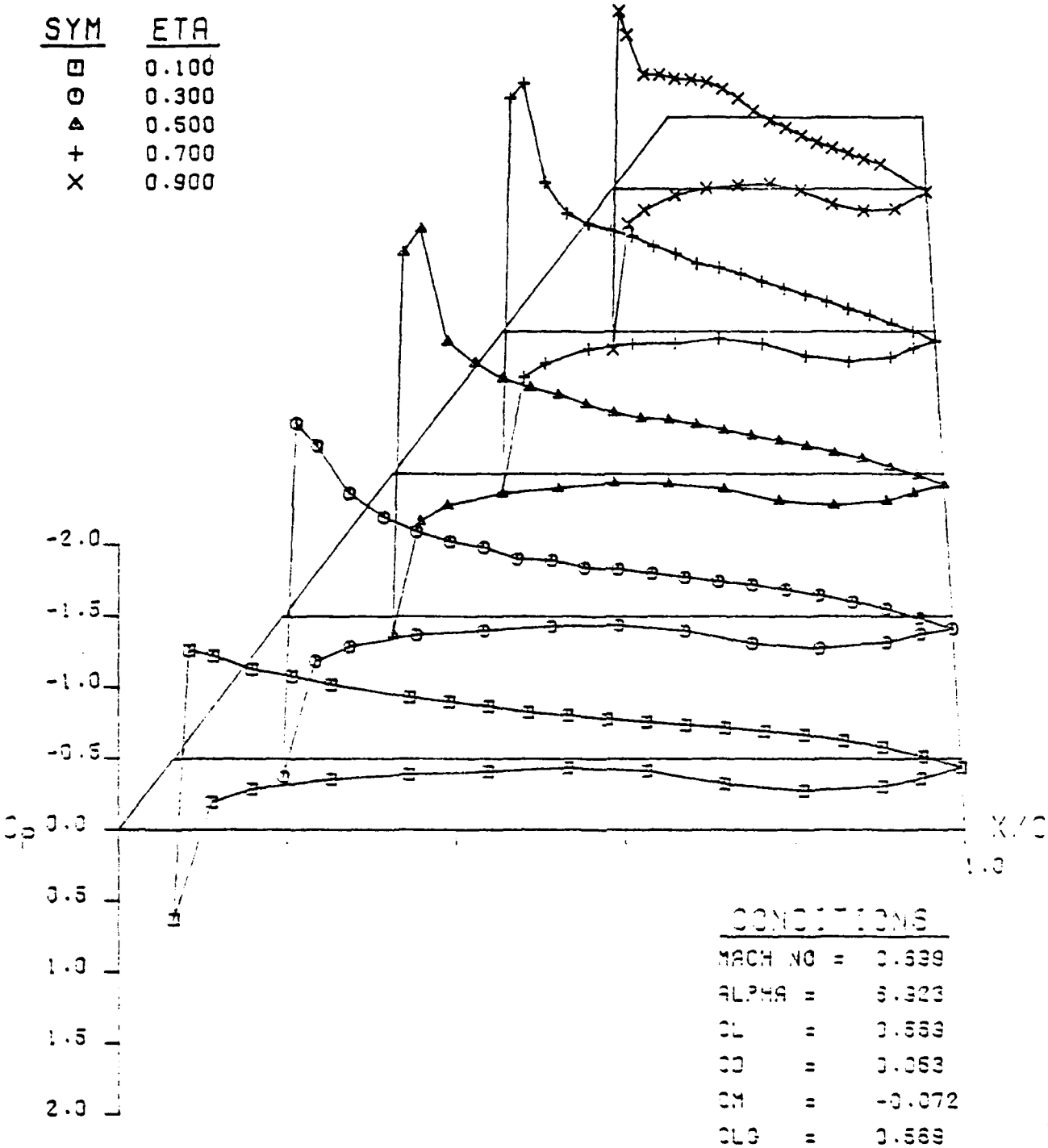


LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
BASIC DATA
NUMERICALLY OPTIMIZED WING C

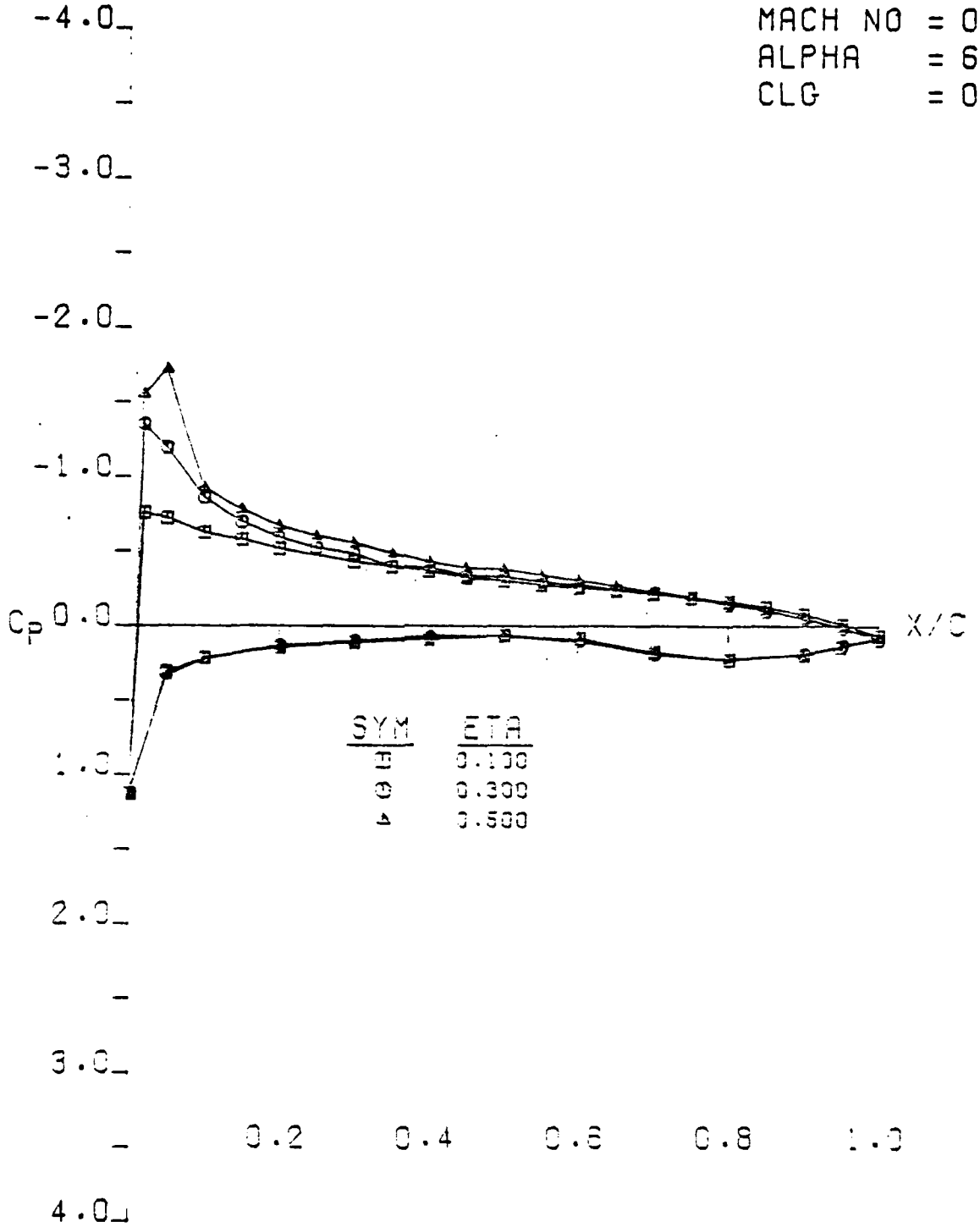
MACH NO = 0.90(
ALPHA = 4.91
CLG = 0.50



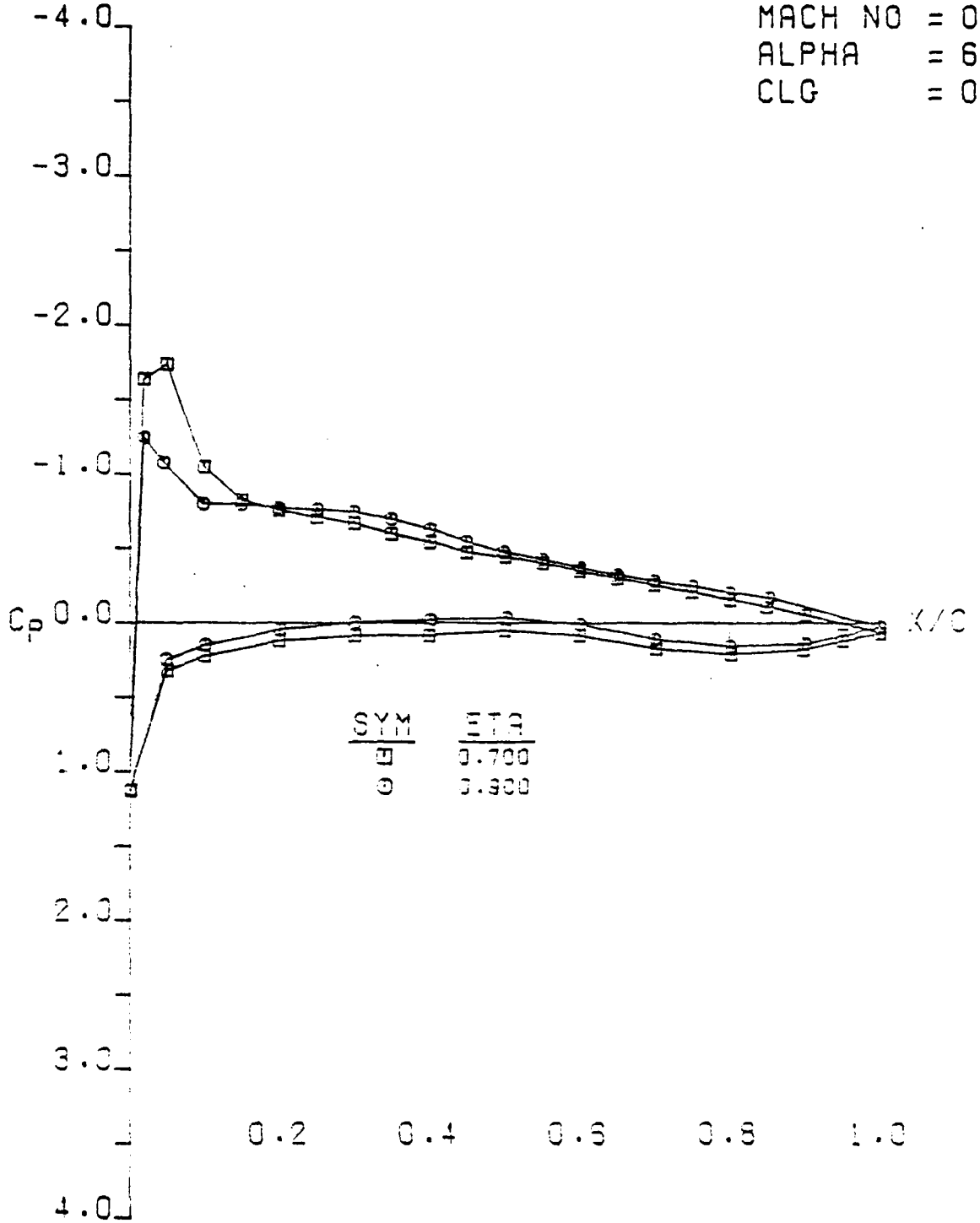
LOCKHEED CFWT SEMI-SPAN TEST, RUN 63
BASIC DATA
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 26
BASIC DATA
NUMERICALLY OPTIMIZED WING C

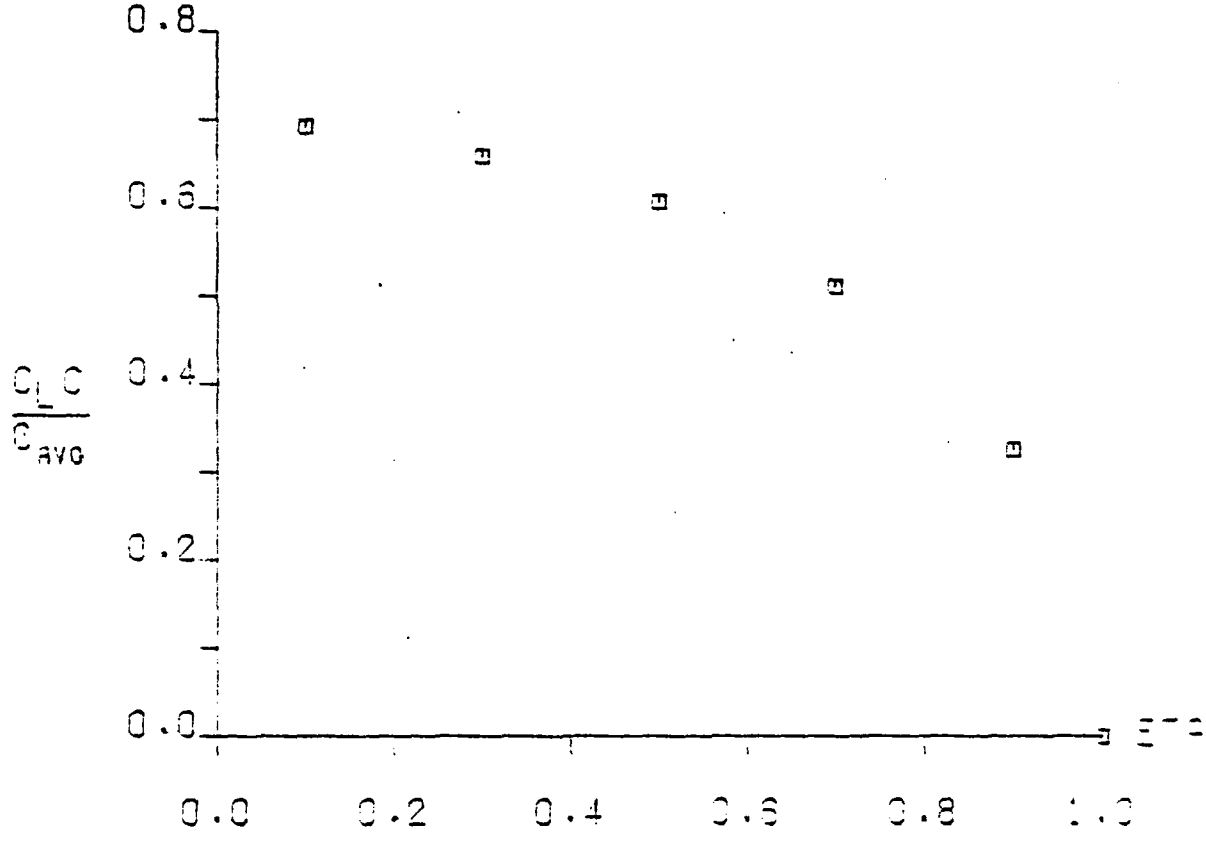


LOCKHEED CFWT SEMI-SPAN TEST, RUN 26
BASIC DATA
NUMERICALLY OPTIMIZED WING C



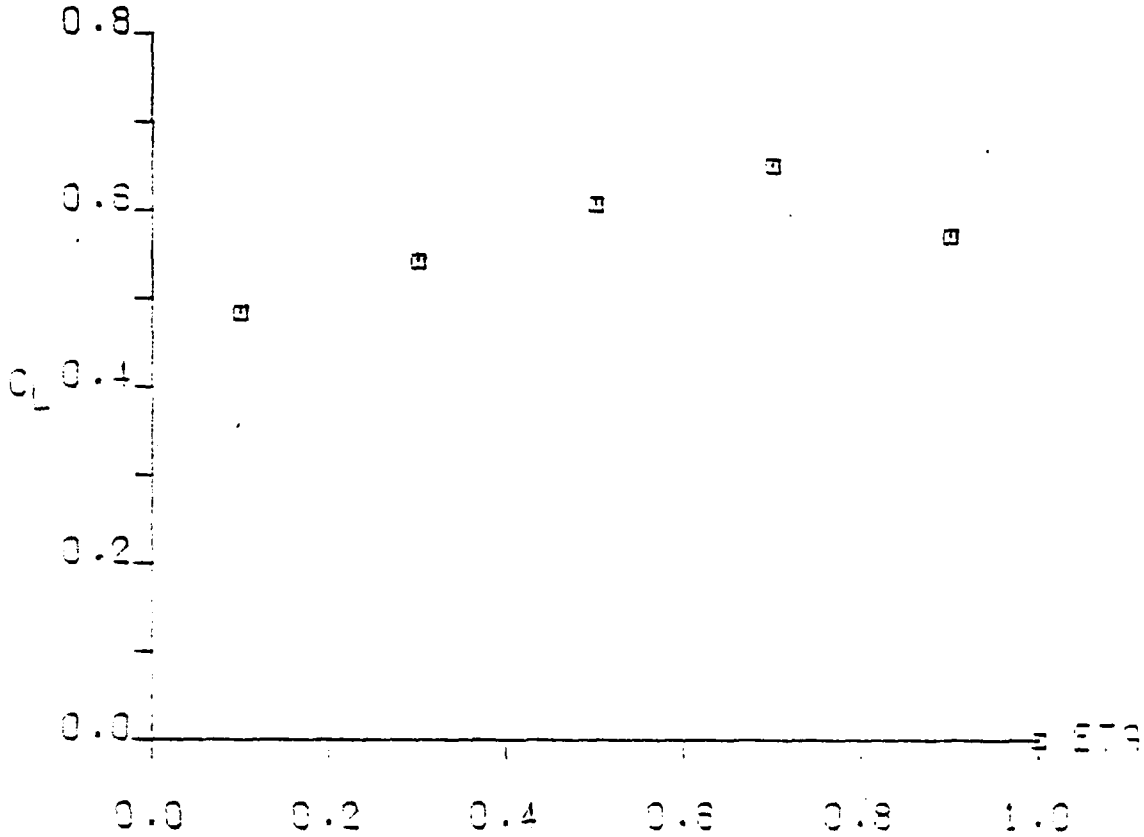
LOCKHEED CFWT SEMI-SPAN TEST, RUN 26
BASIC DATA
NUMERICALLY OPTIMIZED WING C

MACH NO = 0.699
ALPHA = 6.923
CLG = 0.569

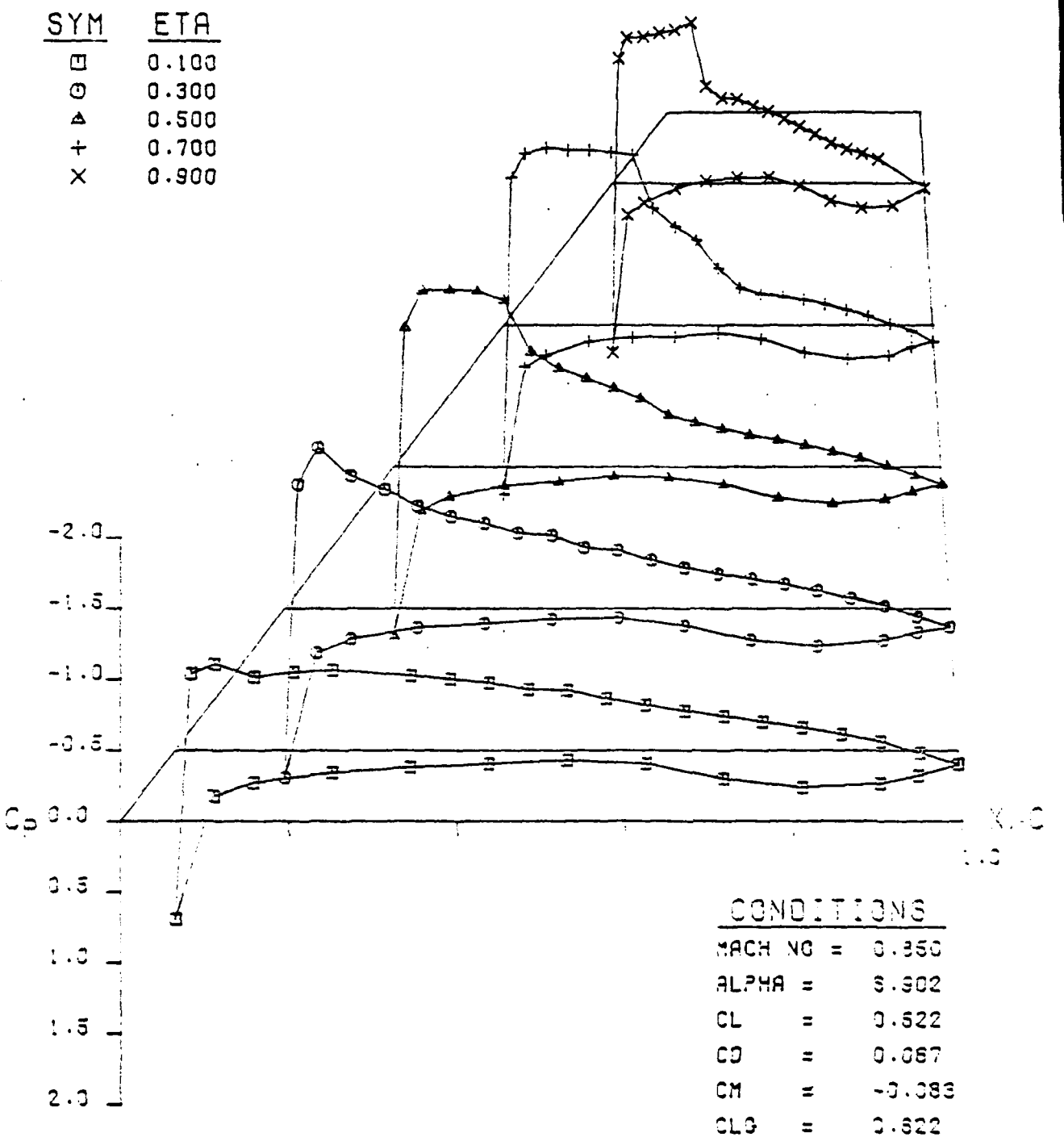


LOCKHEED CFWT SEMI-SPAN TEST, RUN 26
BASIC DATA
NUMERICALLY OPTIMIZED WING C

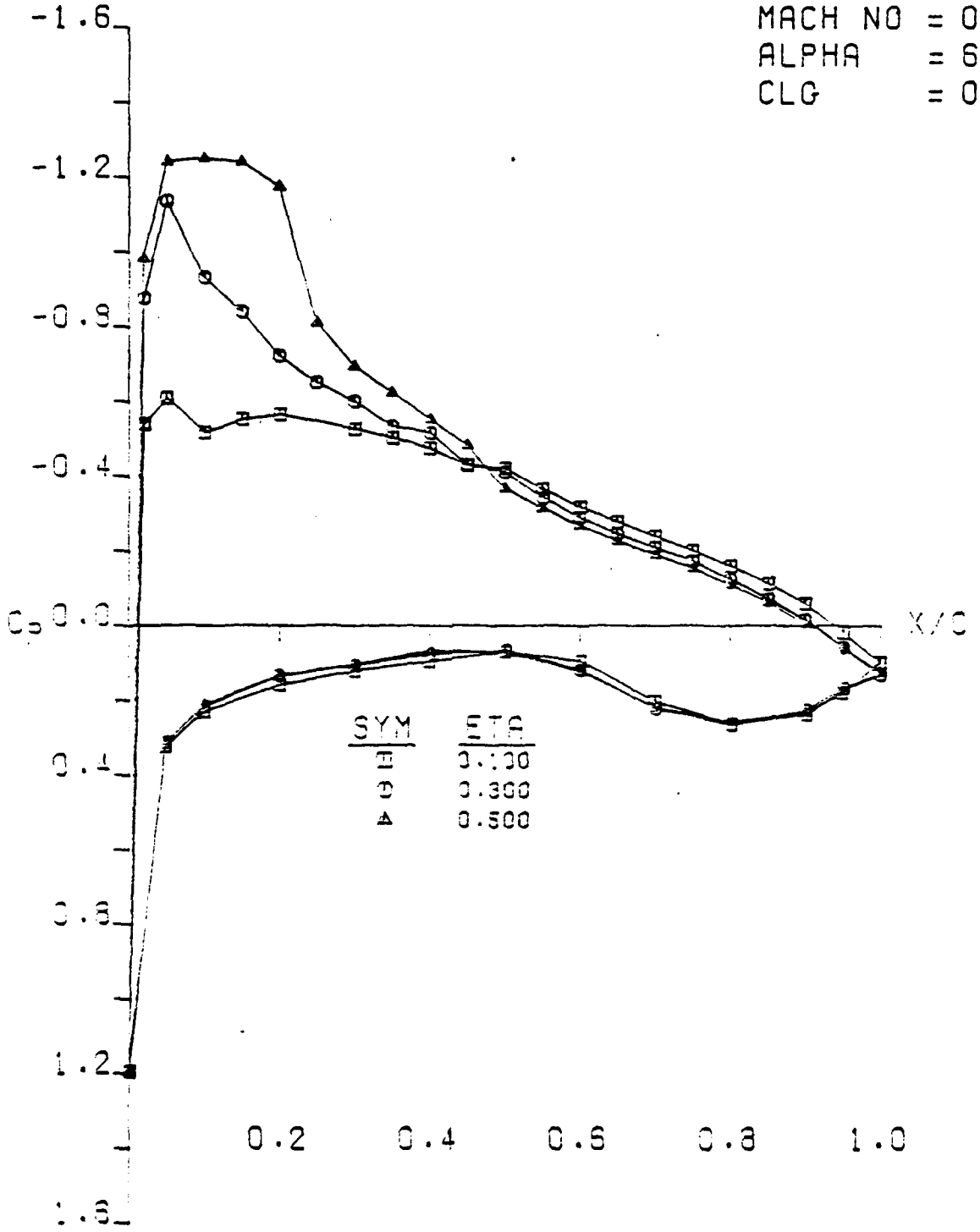
MACH NO = 0.699
ALPHA = 6.923
CLG = 0.569



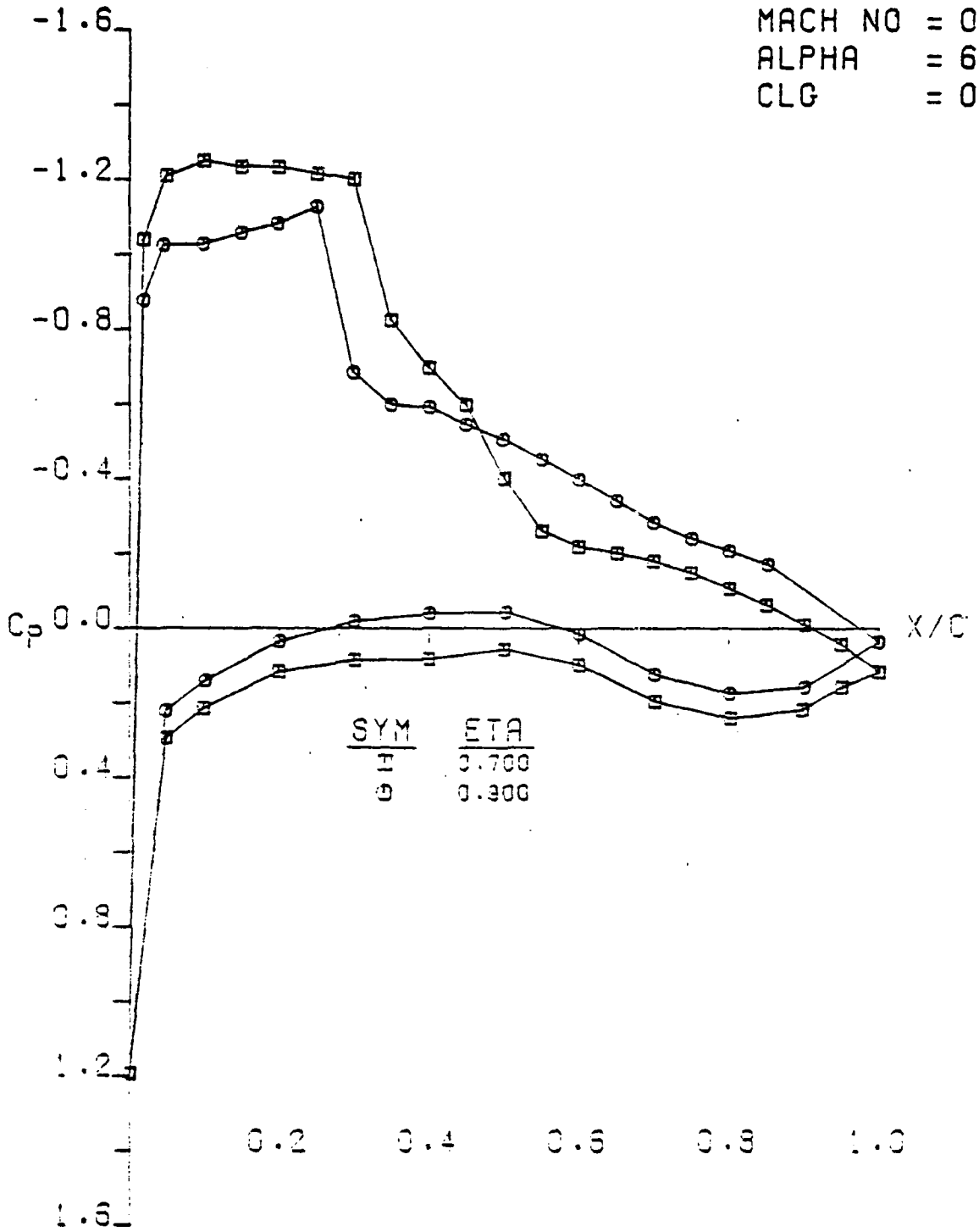
LOCKHEED CFWT SEMI-SPAN TEST, RUN 26
BASIC DATA
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 44
BASIC DATA
NUMERICALLY OPTIMIZED WING C

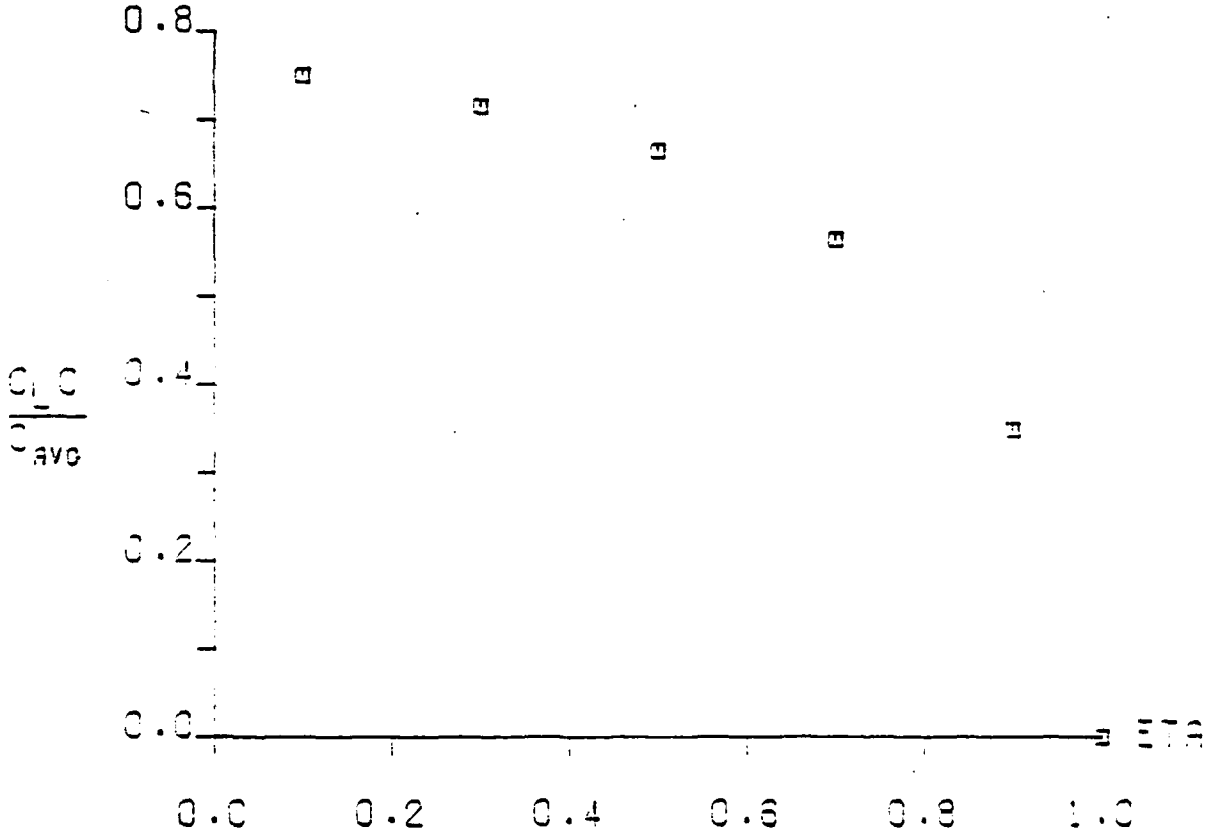


LOCKHEED CFWT SEMI-SPAN TEST, RUN 44
BASIC DATA
NUMERICALLY OPTIMIZED WING C



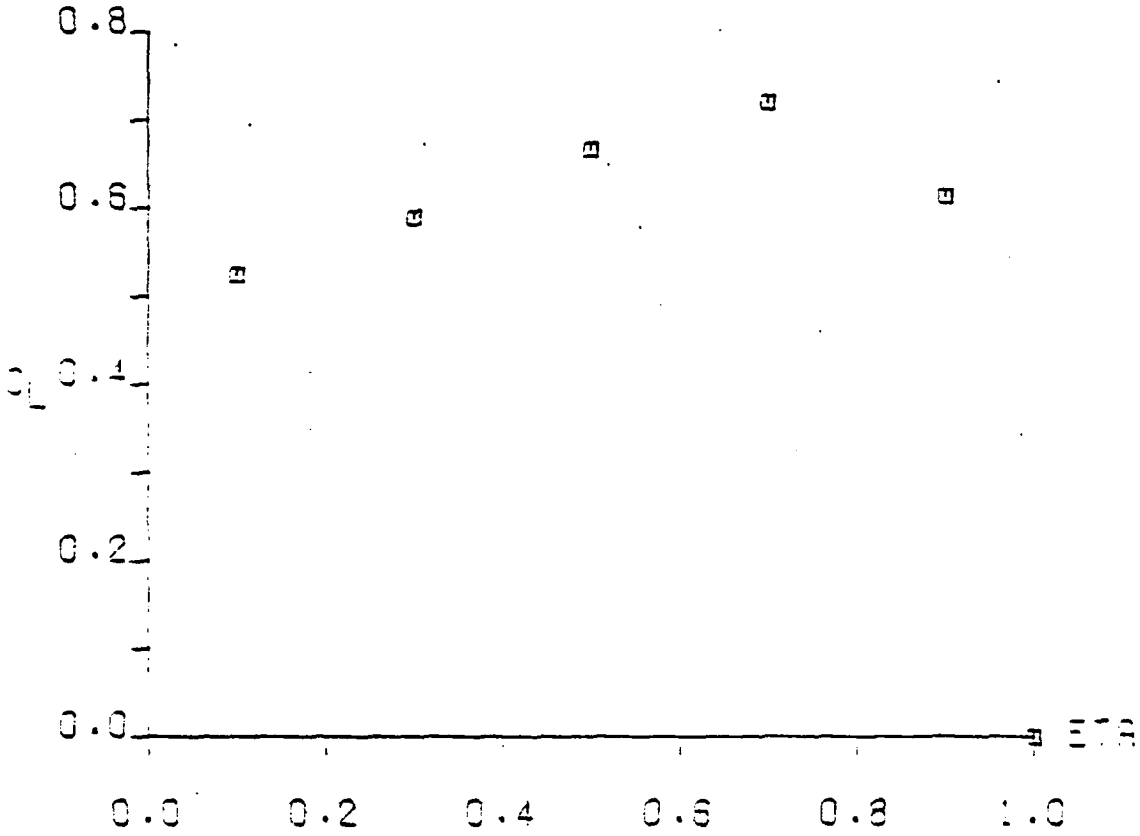
LOCKHEED CFWT SEMI-SPAN TEST, RUN 44
BASIC DATA
NUMERICALLY OPTIMIZED WING C

MACH NO = 0.850
ALPHA = 6.902
CLG = 0.622

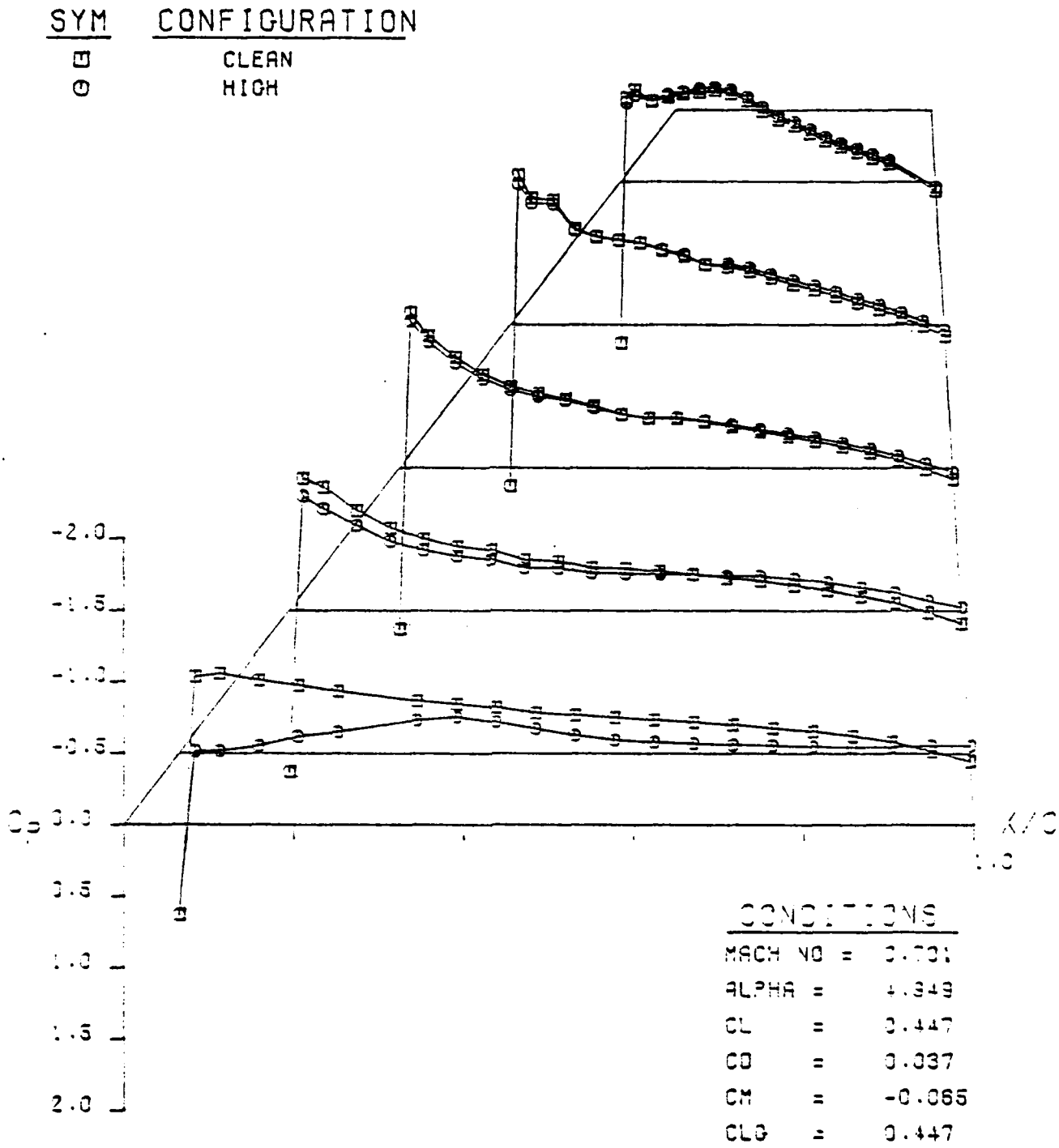


LOCKHEED CFWT SEMI-SPAN TEST, RUN 44
BASIC DATA
NUMERICALLY OPTIMIZED WING C

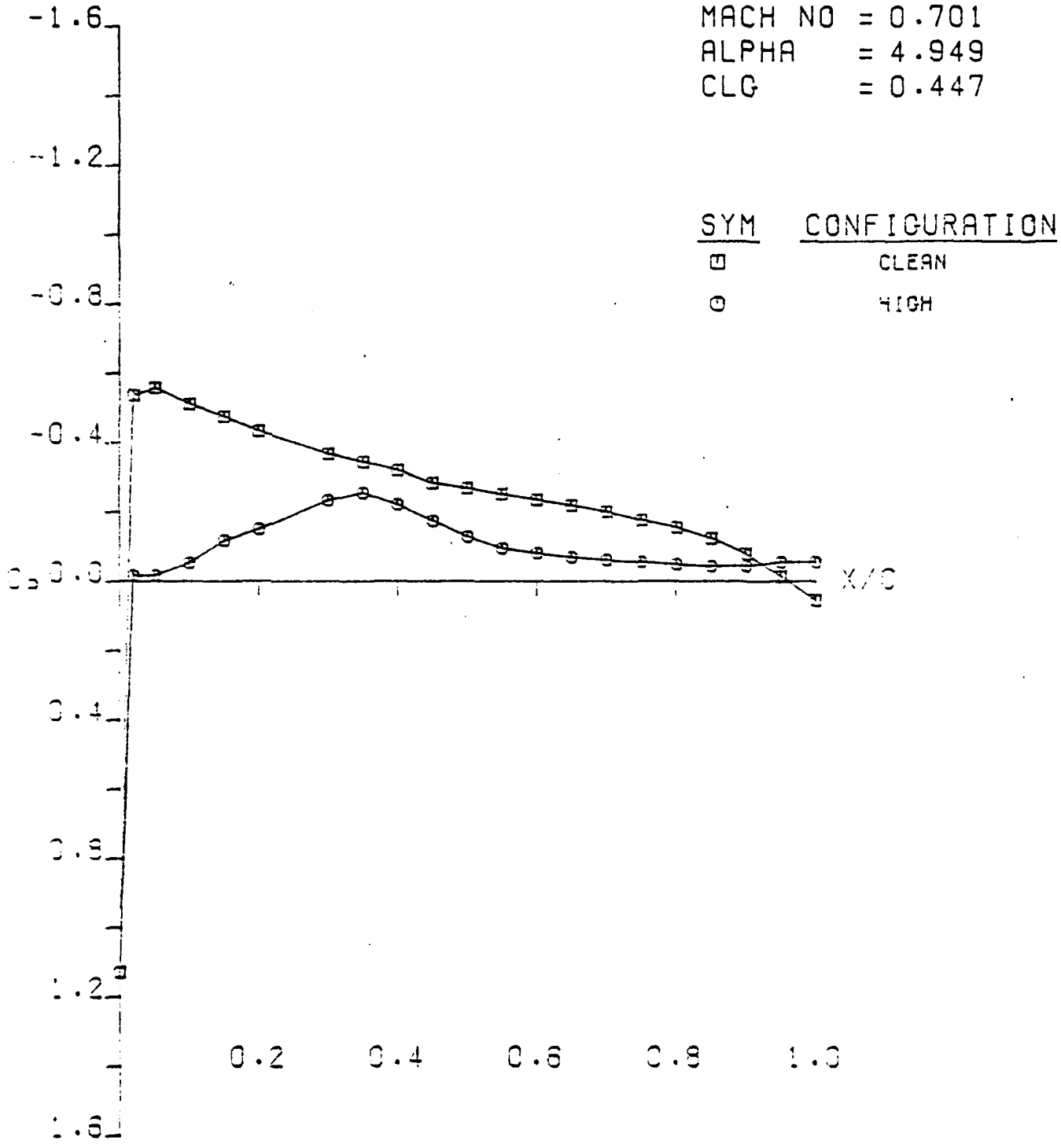
MACH NO = 0.850
ALPHA = 6.902
CLG = 0.622



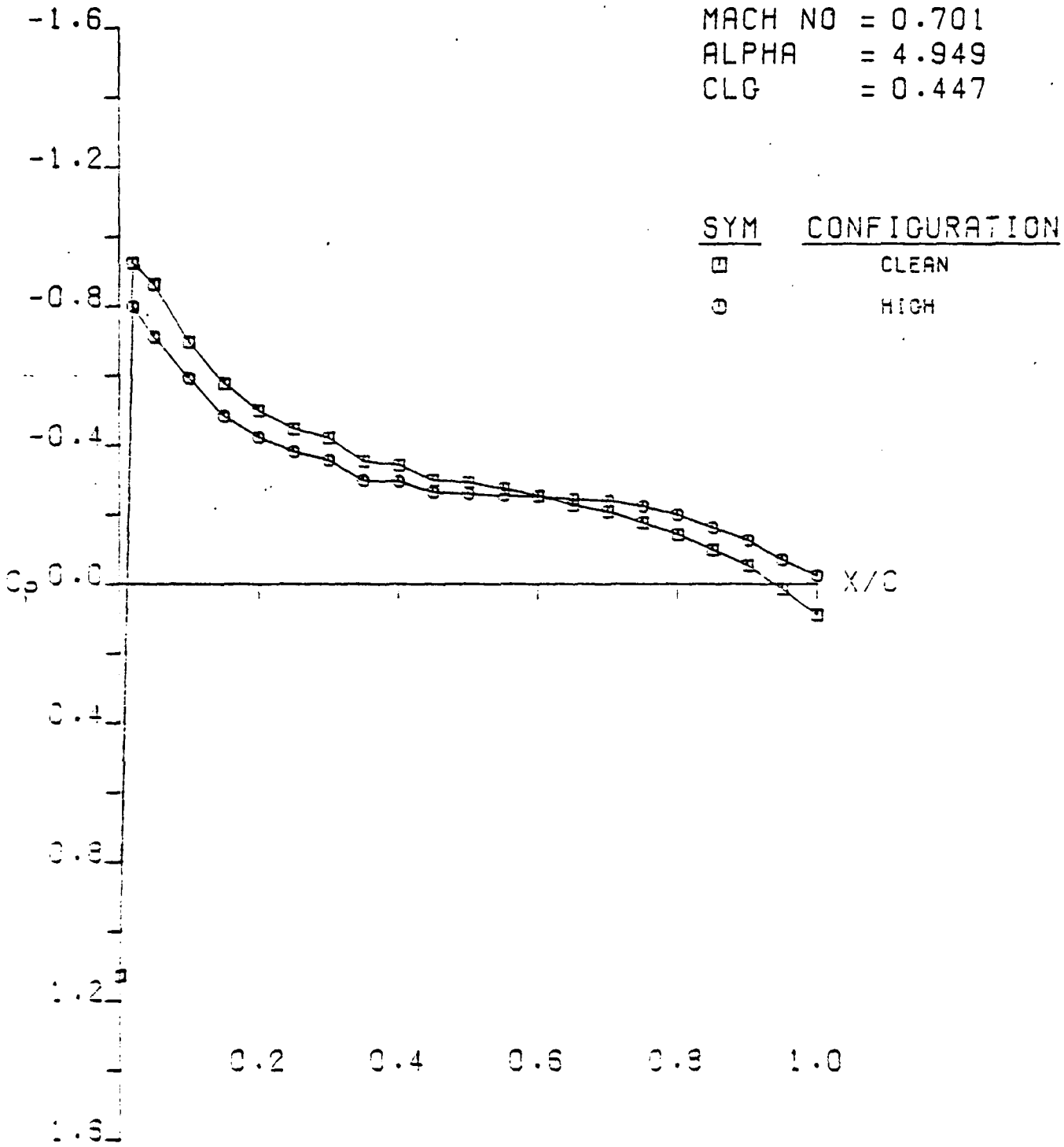
LOCKHEED CFWT SEMI-SPAN TEST, RUN 44
BASIC DATA
NUMERICALLY OPTIMIZED WING C



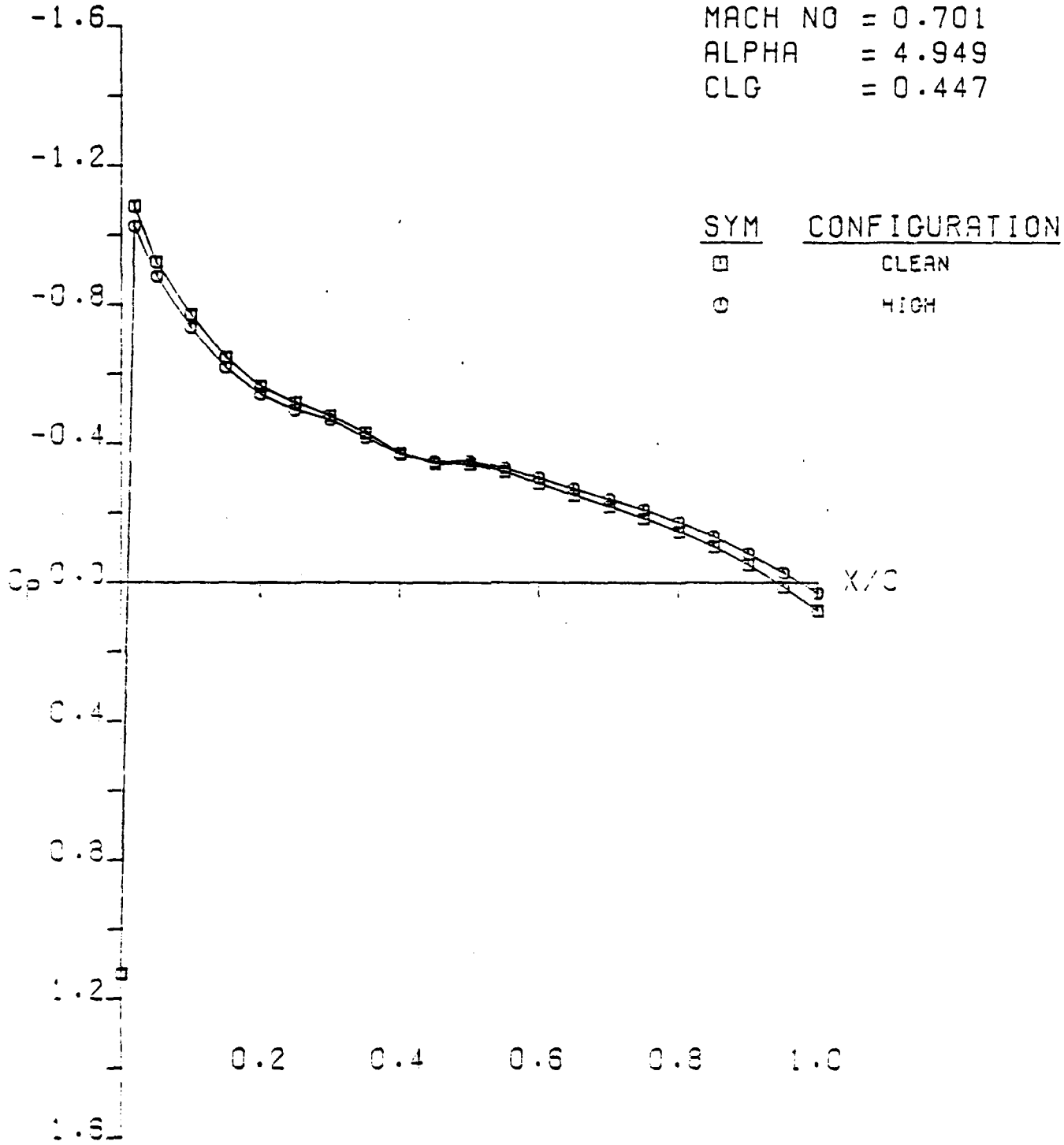
LOCKHEED CFWT SEMI-SPAN TEST, RUN 21
CLN VS HIGH (UPR SURF)
NUMERICALLY OPTIMIZED WING C



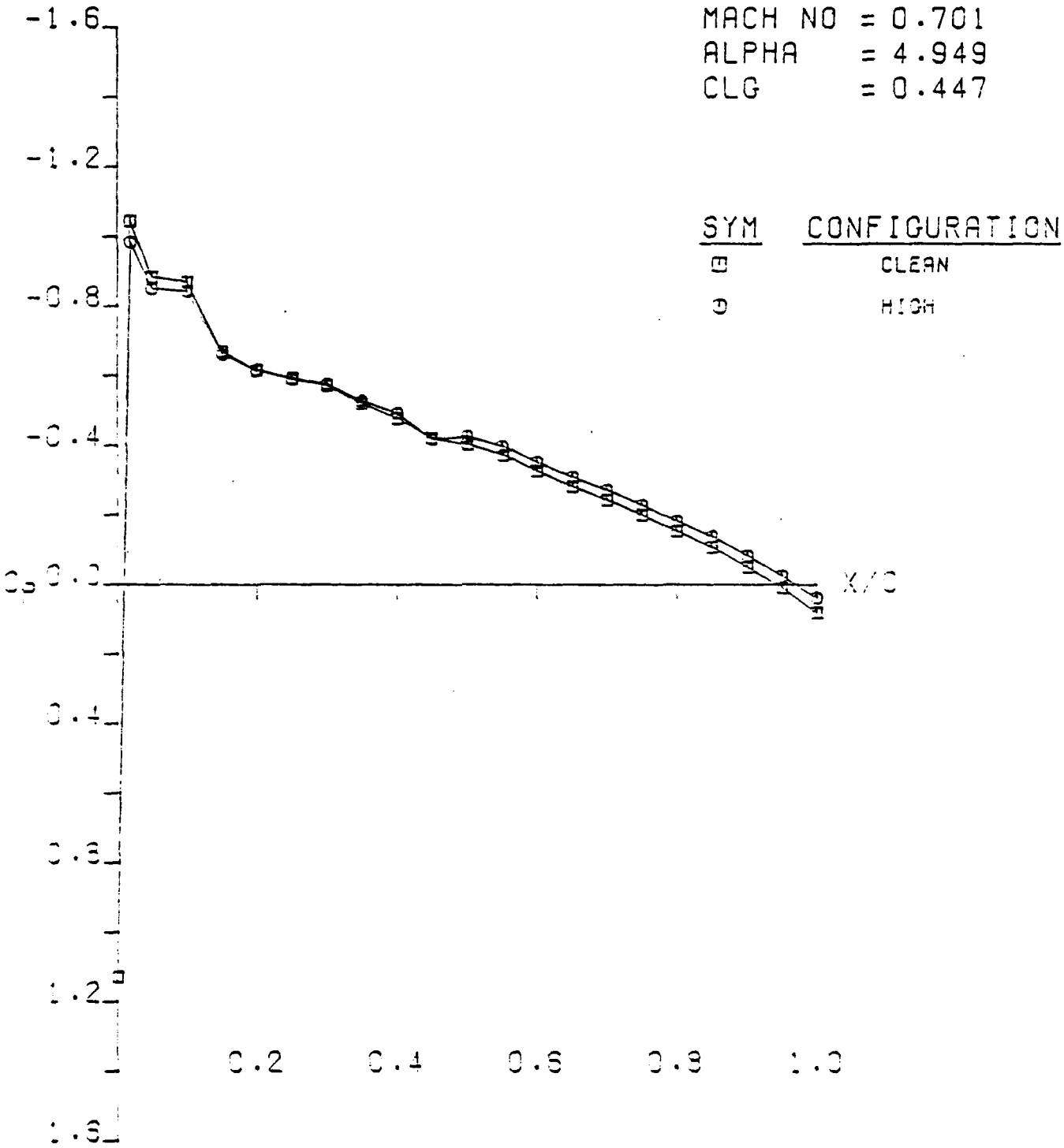
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS HIGH (UPR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



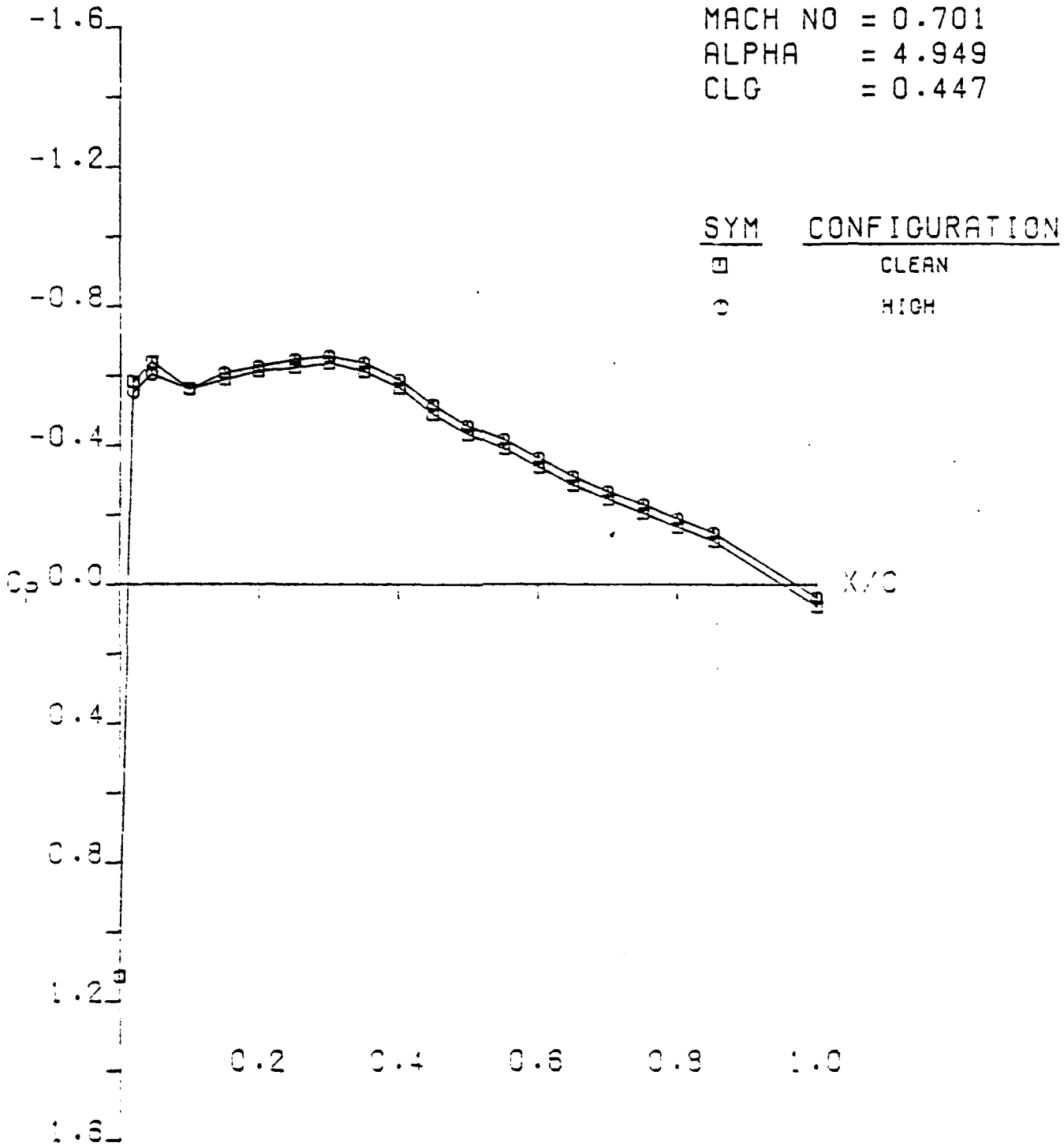
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS HIGH (UPR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS HIGH (UPR SURF ETA .60)
NUMERICALLY OPTIMIZED WING C



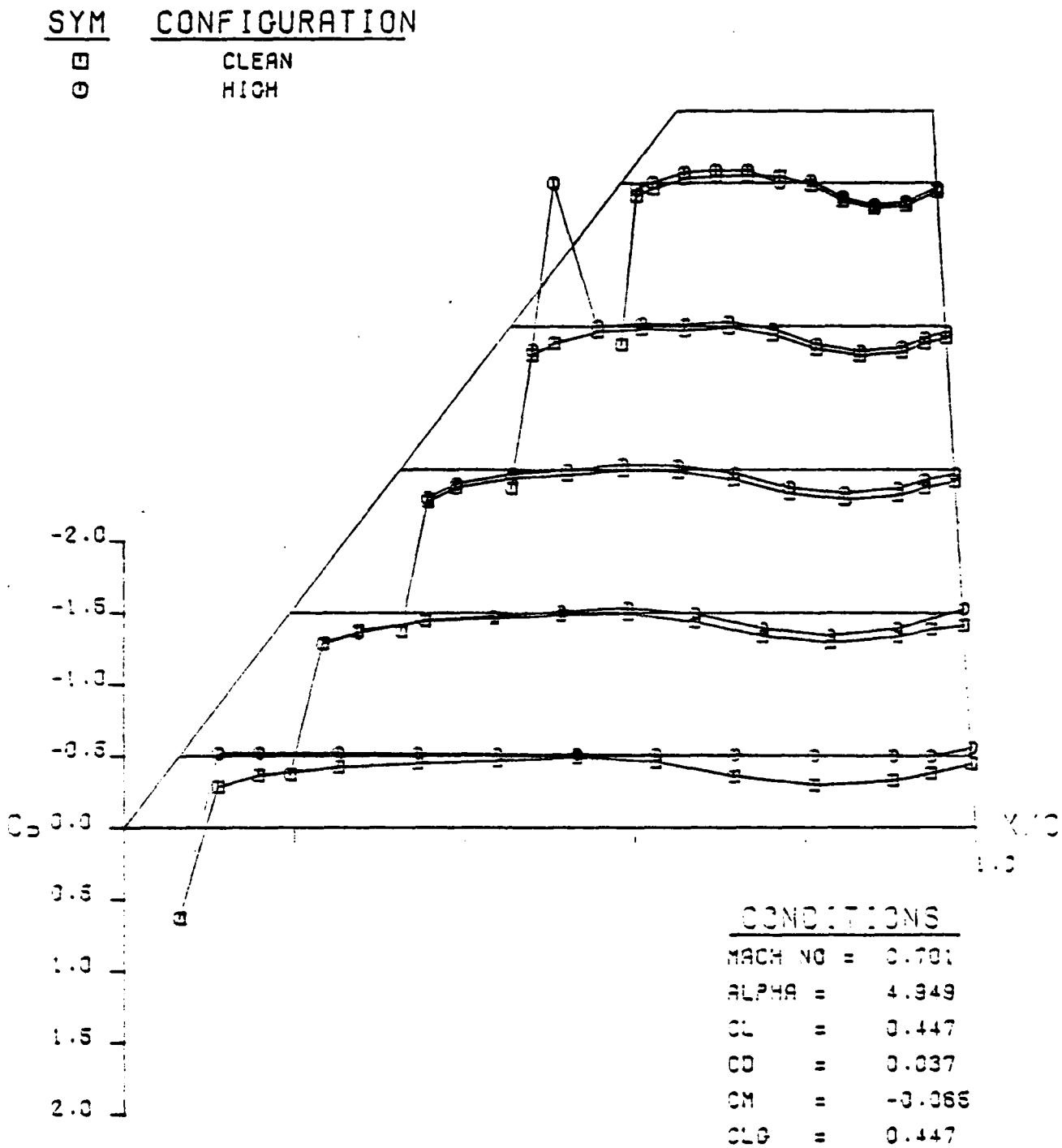
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS HIGH (UPR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



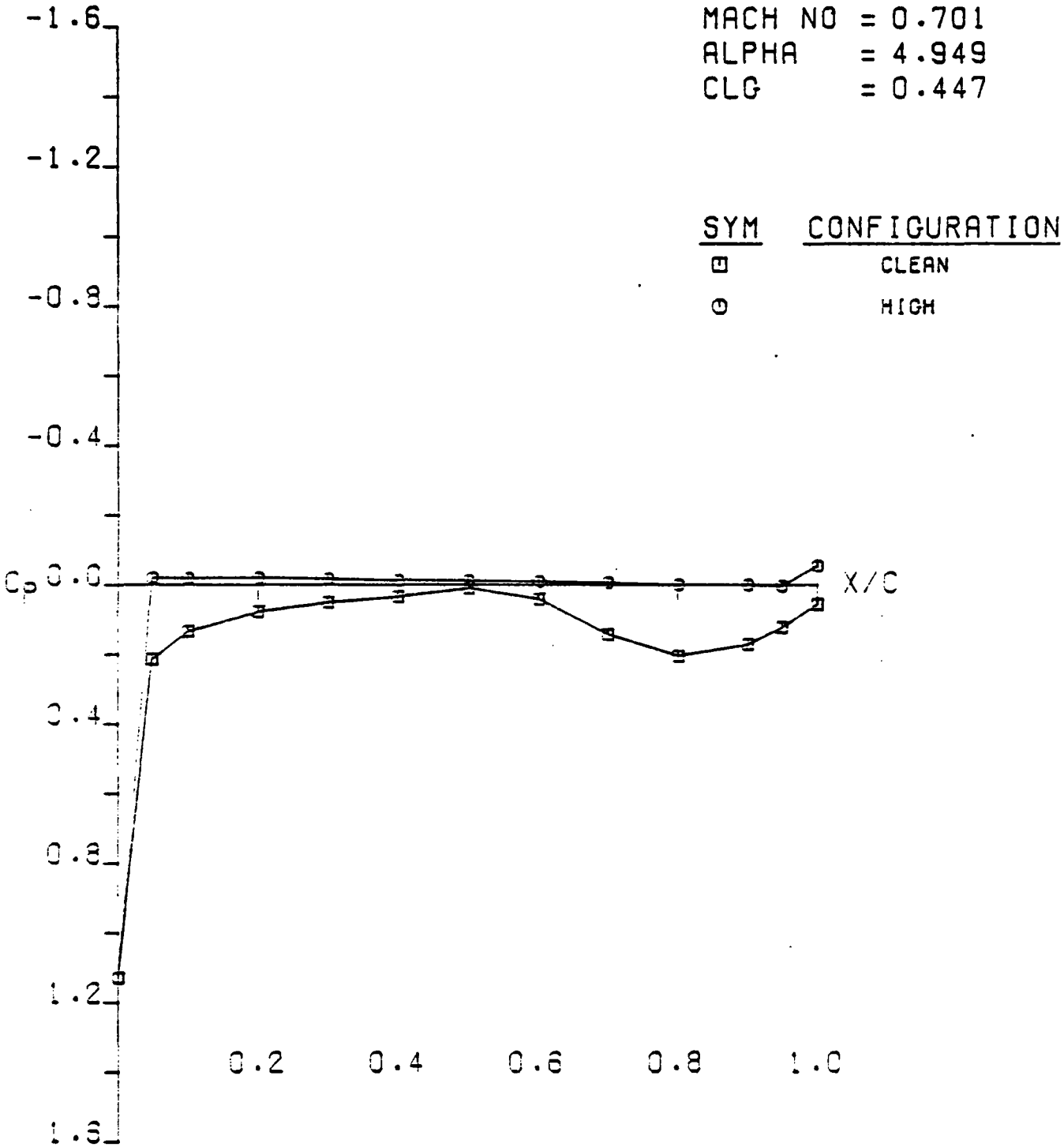
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS HIGH (UPR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C

AD-A085 259 LOCKHEED-GEORGIA CO MARIETTA F/G 20/4
ACQUISITION AND APPLICATION OF TRANSONIC WING AND FAR-FIELD TES--ETC(U)
MAR 80 B L HINSON, K P BURDGES F49620-78-C-0068
UNCLASSIFIED LG80ER0012-VOL-2 AFOSR-TR-80-0422-VOL-2-APP NL

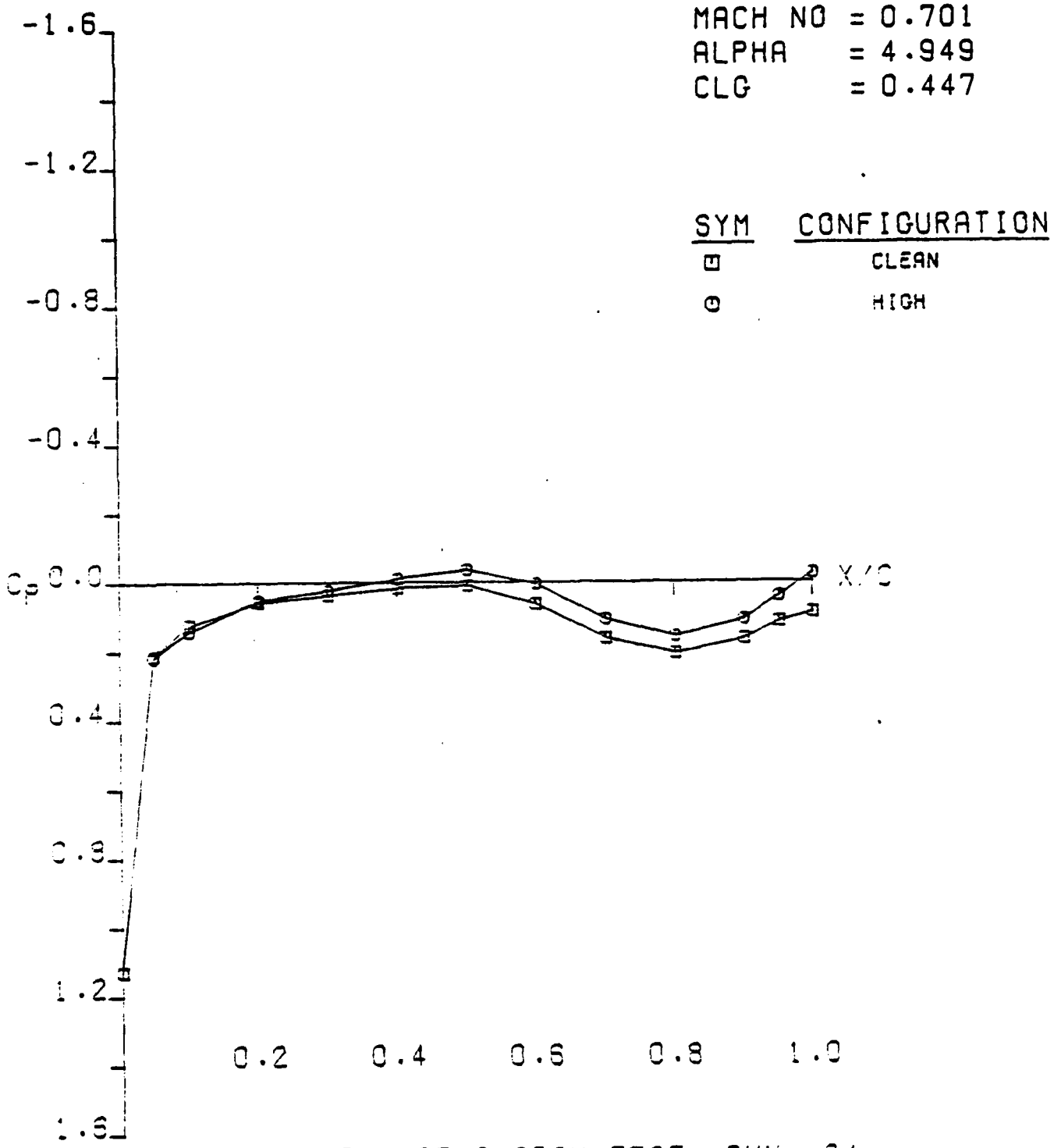
7 OF 8
AD
A085259



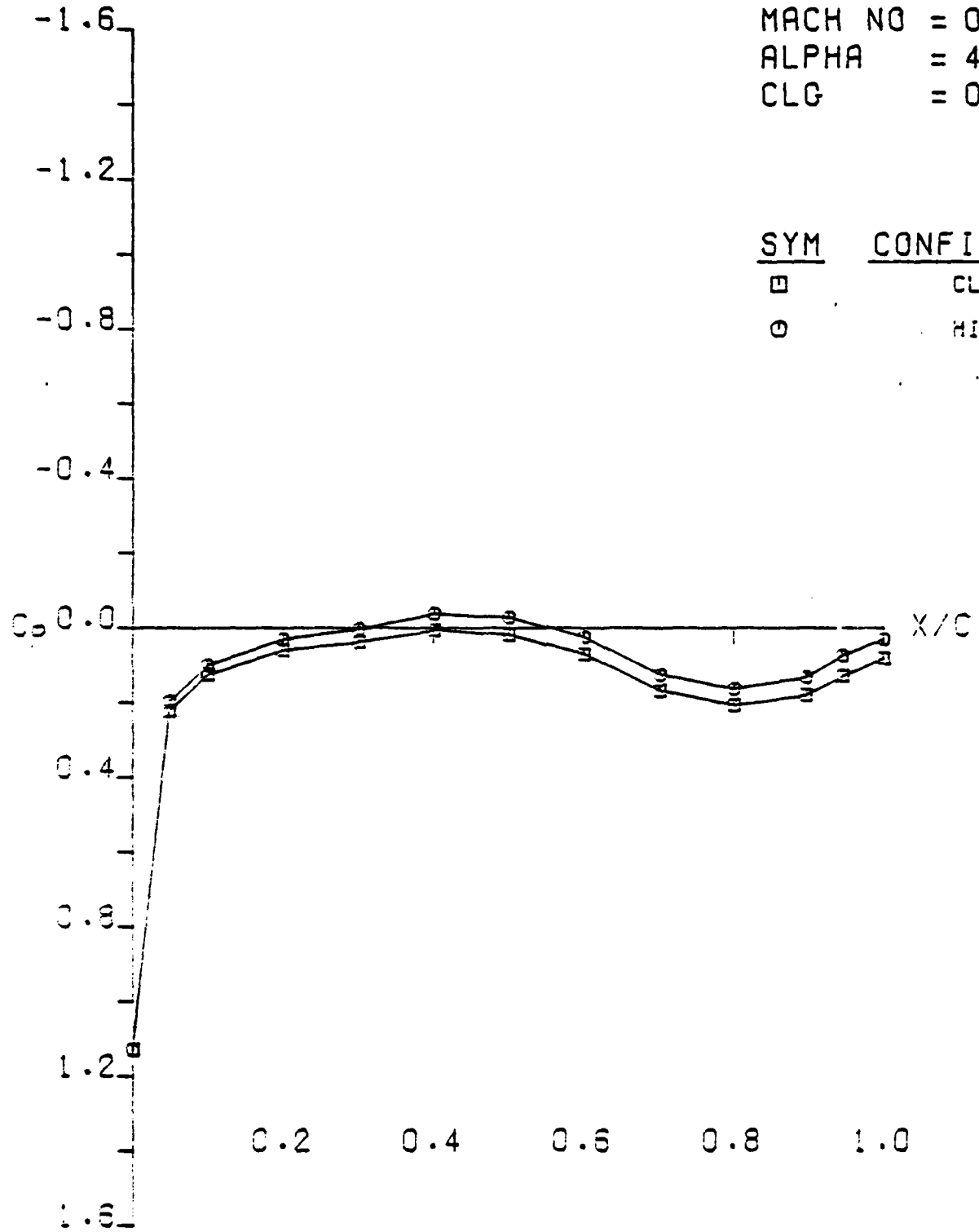
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS HIGH (LWR SURF)
NUMERICALLY OPTIMIZED WING C



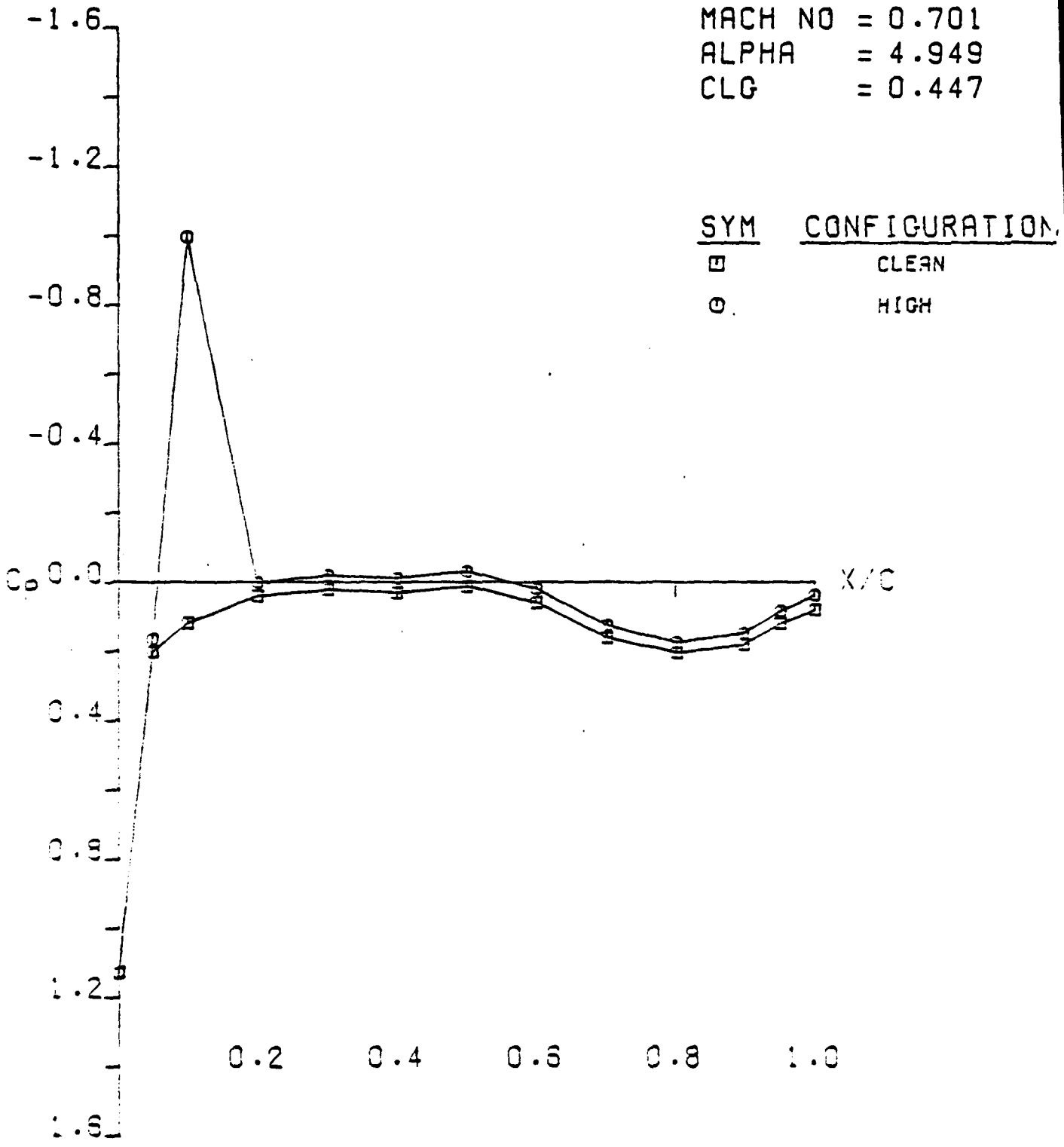
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS HIGH (LWR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



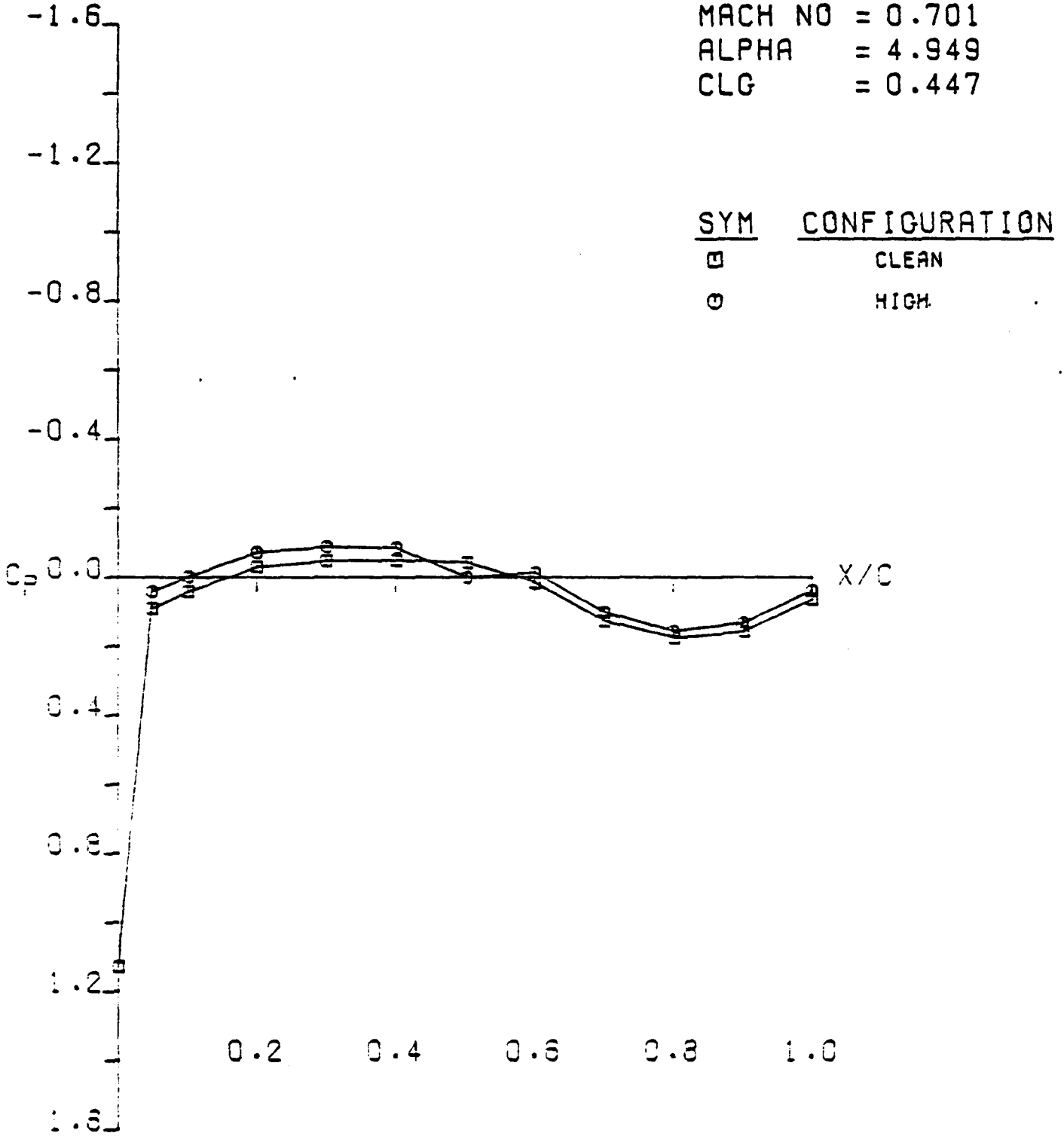
LOCKHEED CFWT SEMI-SPAN TEST. RUN 24
CLN VS HIGH (LWR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



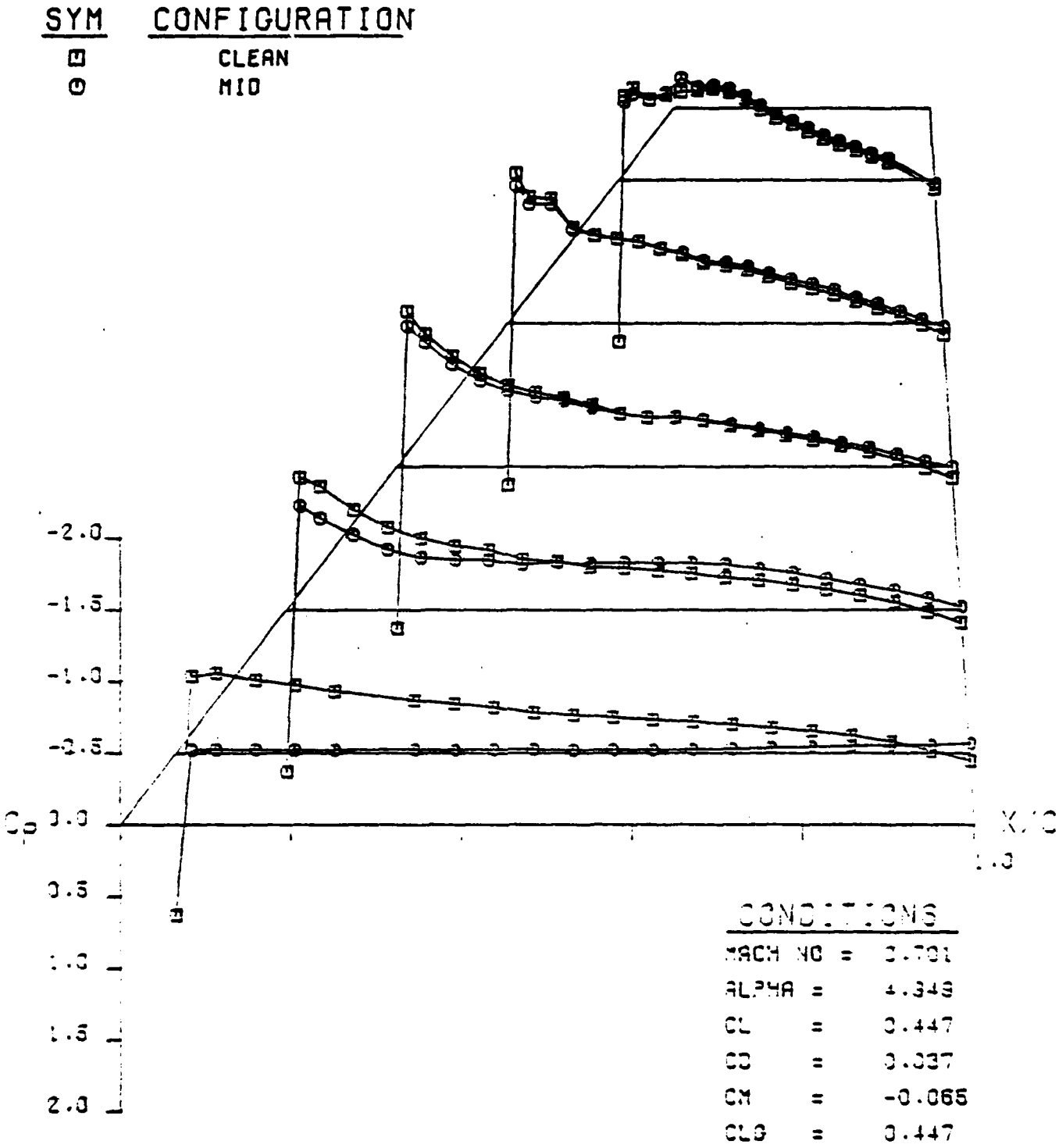
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS HIGH (LWR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



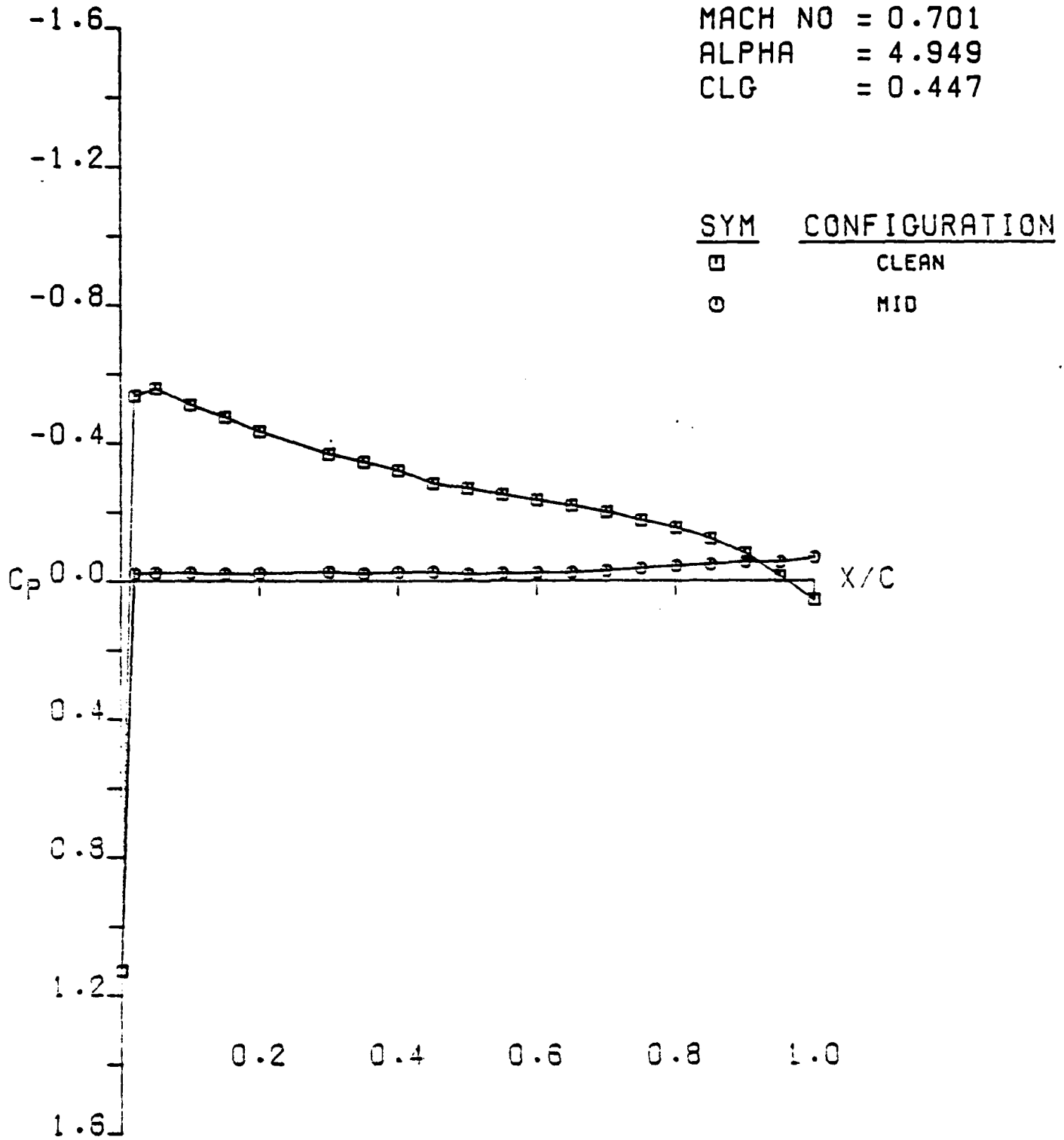
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS HIGH (LWR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



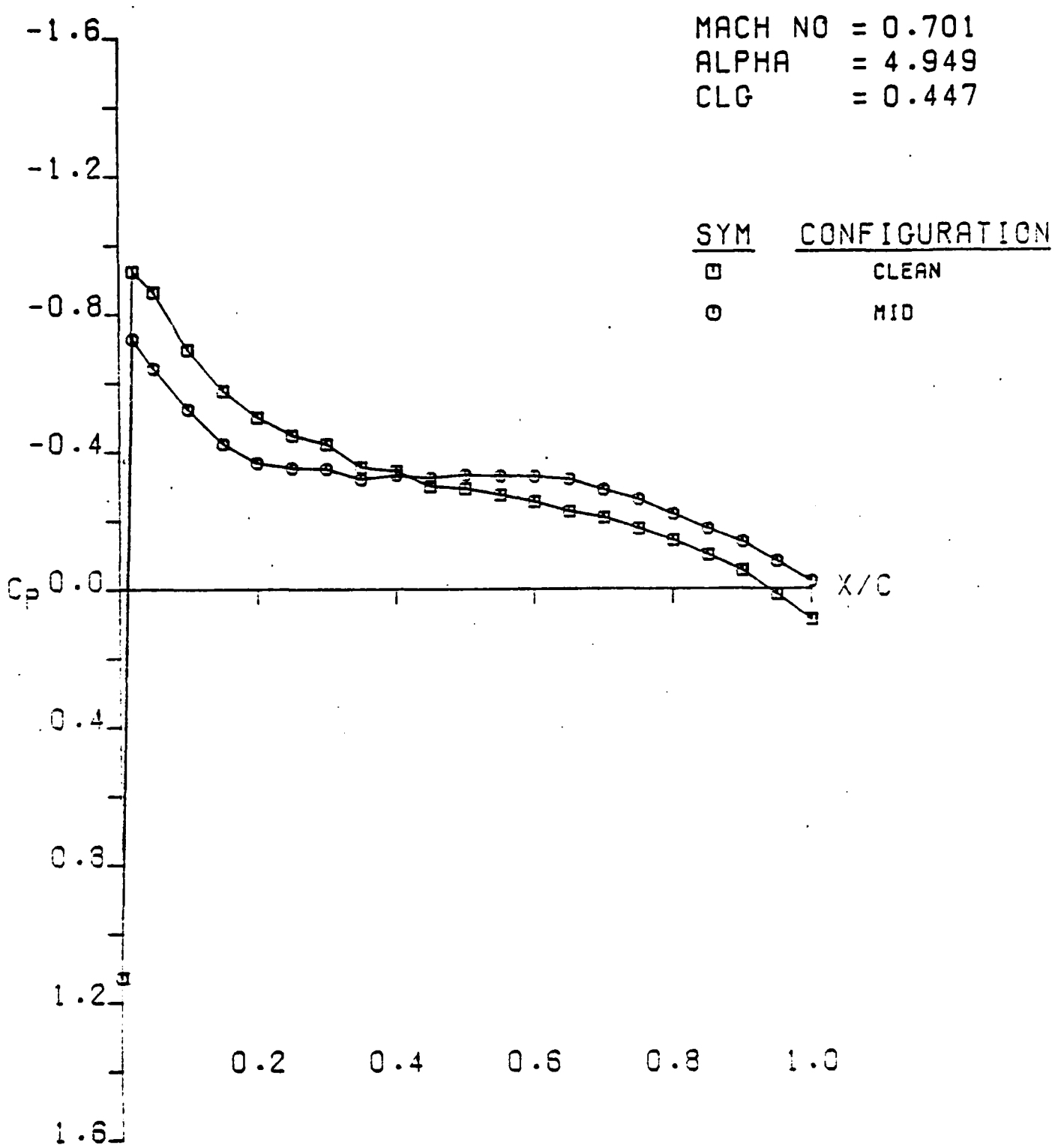
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS HIGH (LWR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



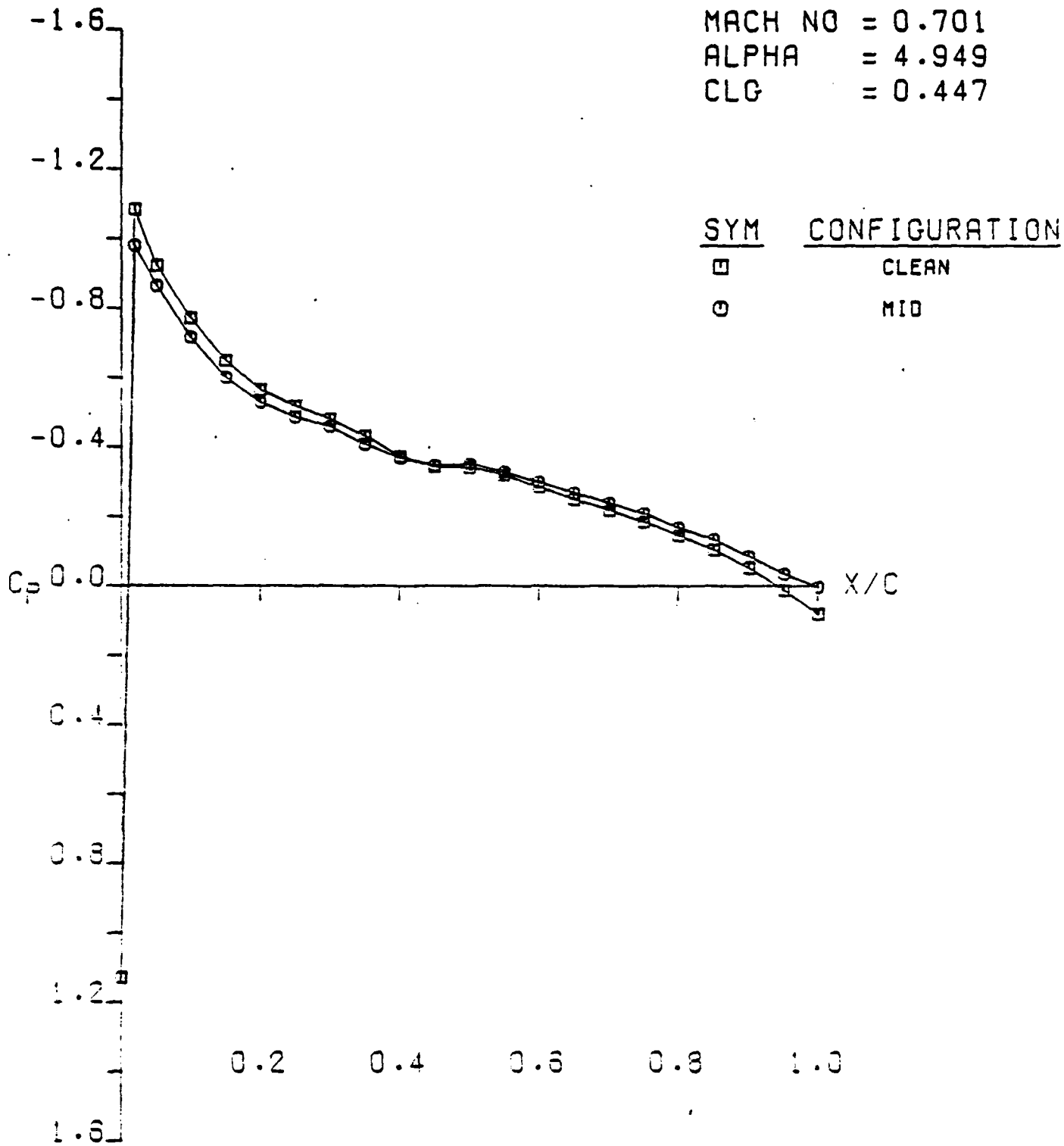
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS MID - NO SEAL (UPR SURF)
NUMERICALLY OPTIMIZED WING C



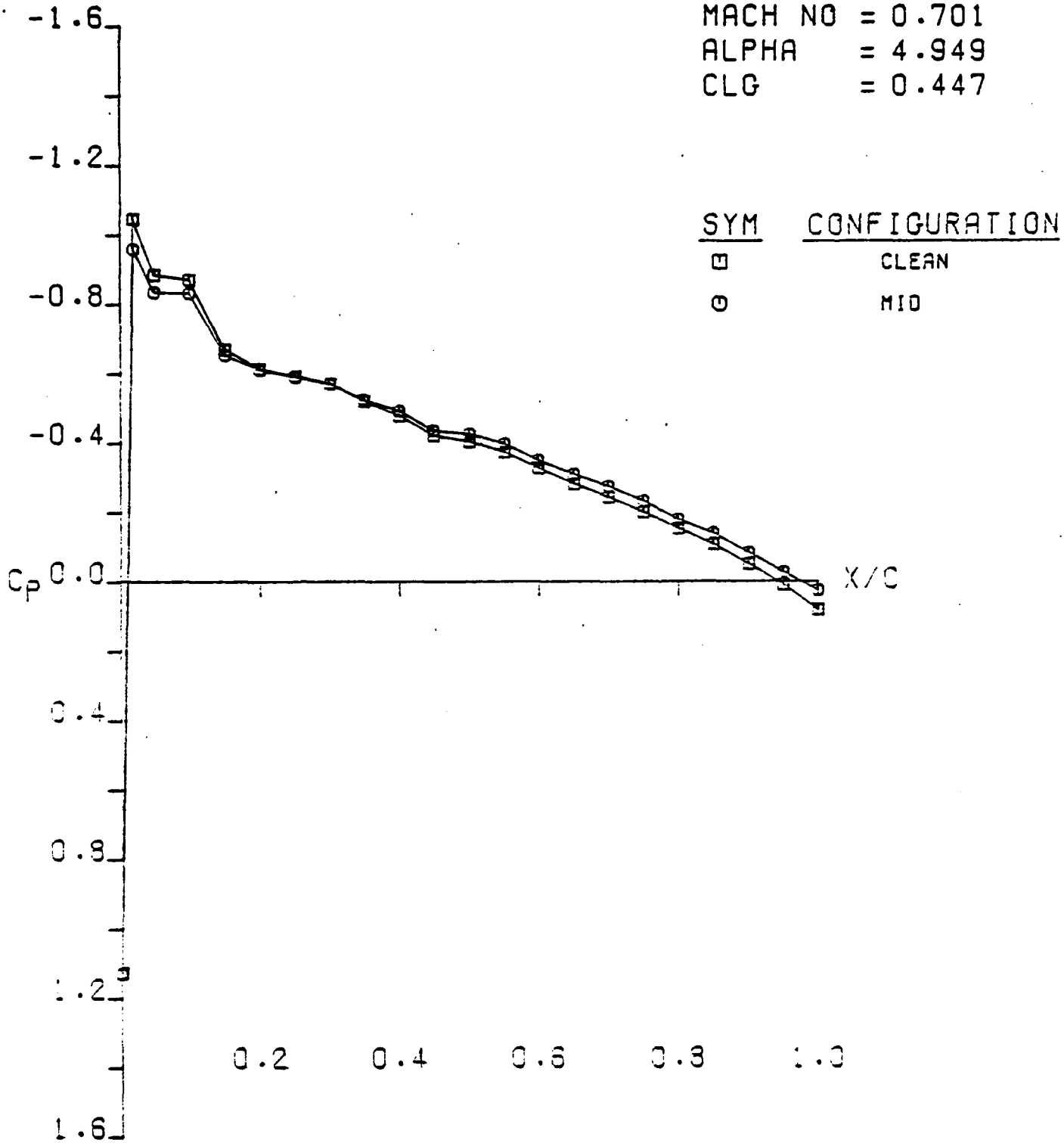
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS MID - NO SEAL (UPR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



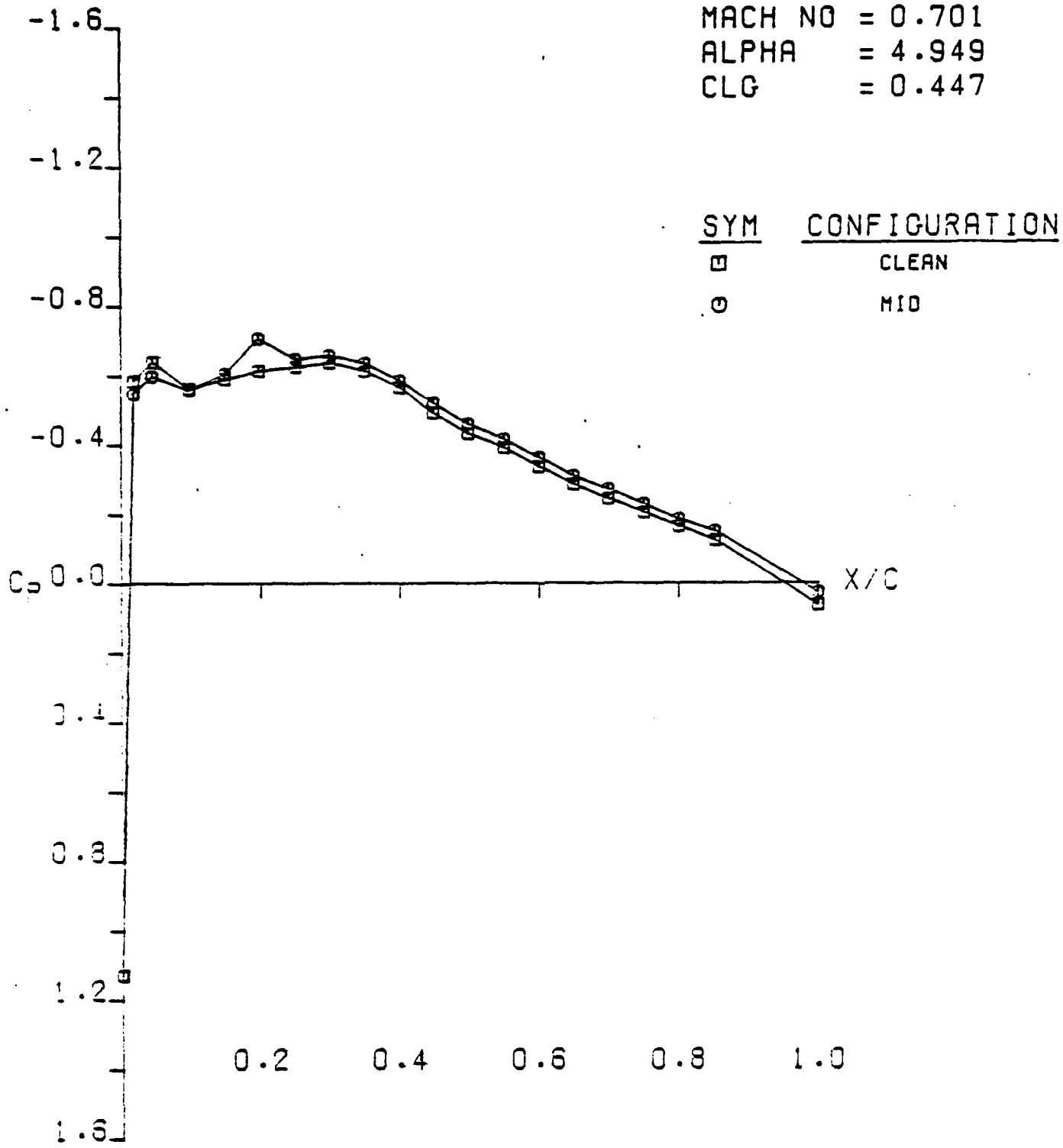
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS MID - NO SEAL (UPR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



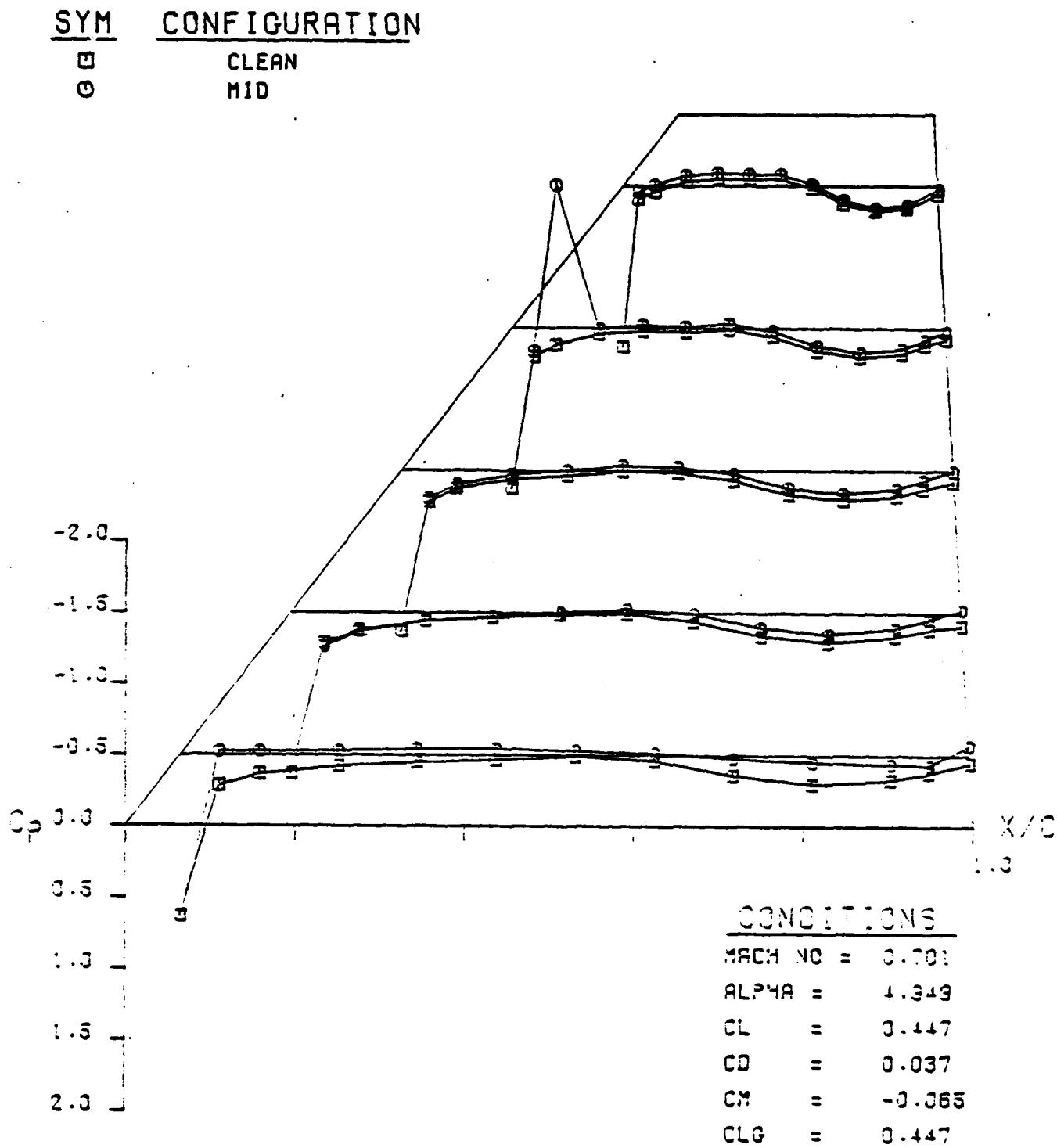
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS MID - NO SEAL (UPR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



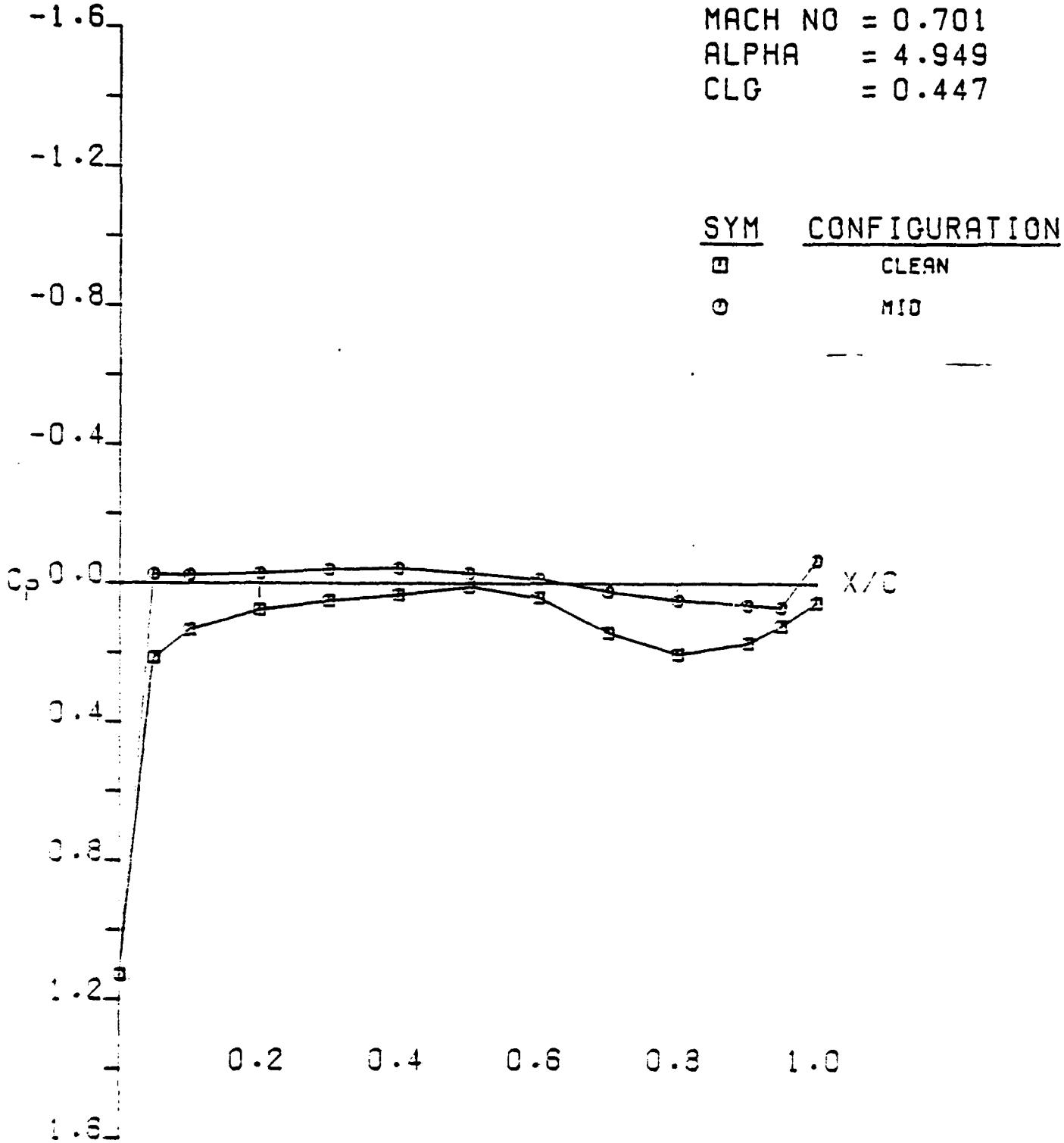
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS MID - NO SEAL (UPR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



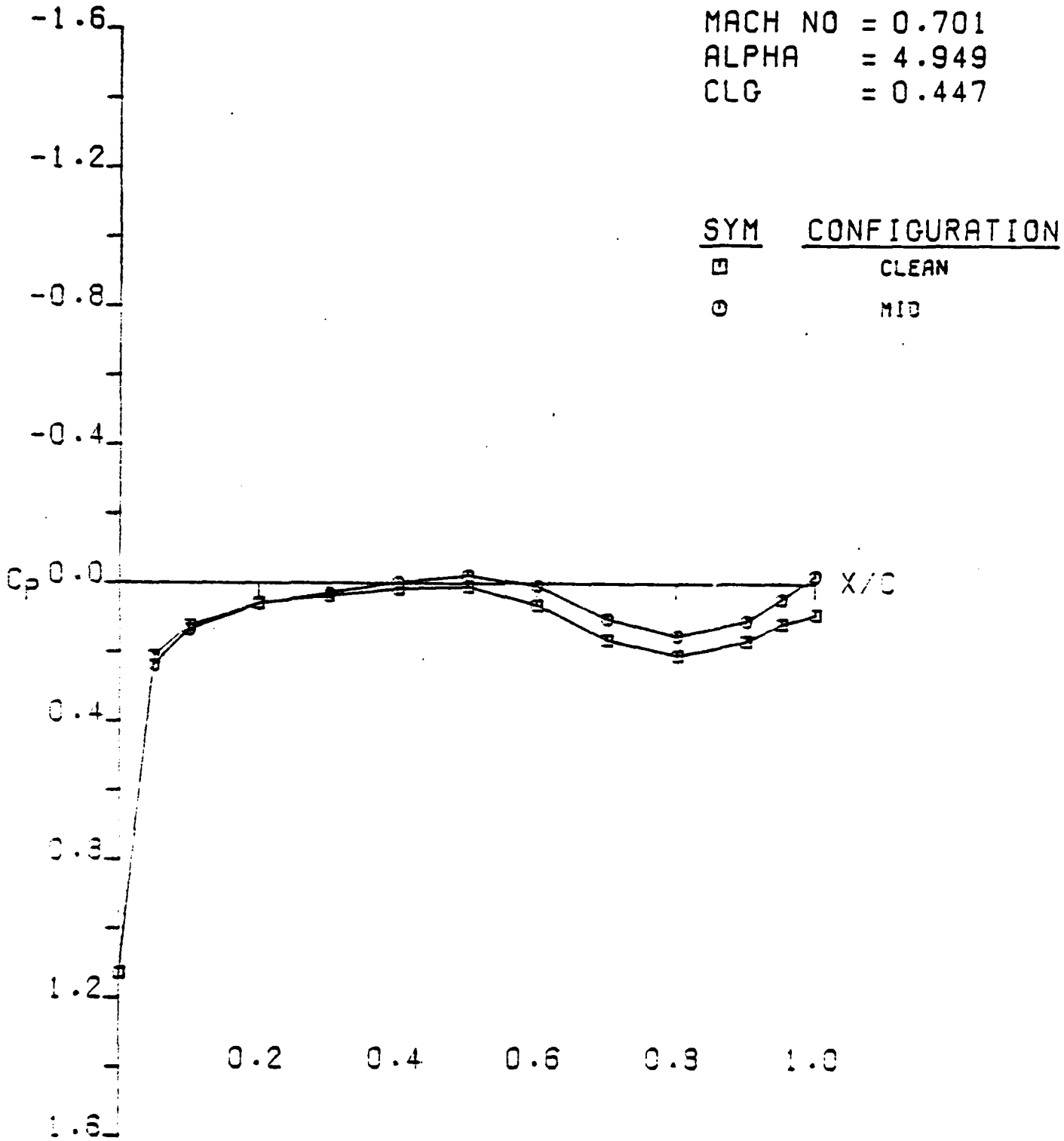
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS MID - NO SEAL (UPR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



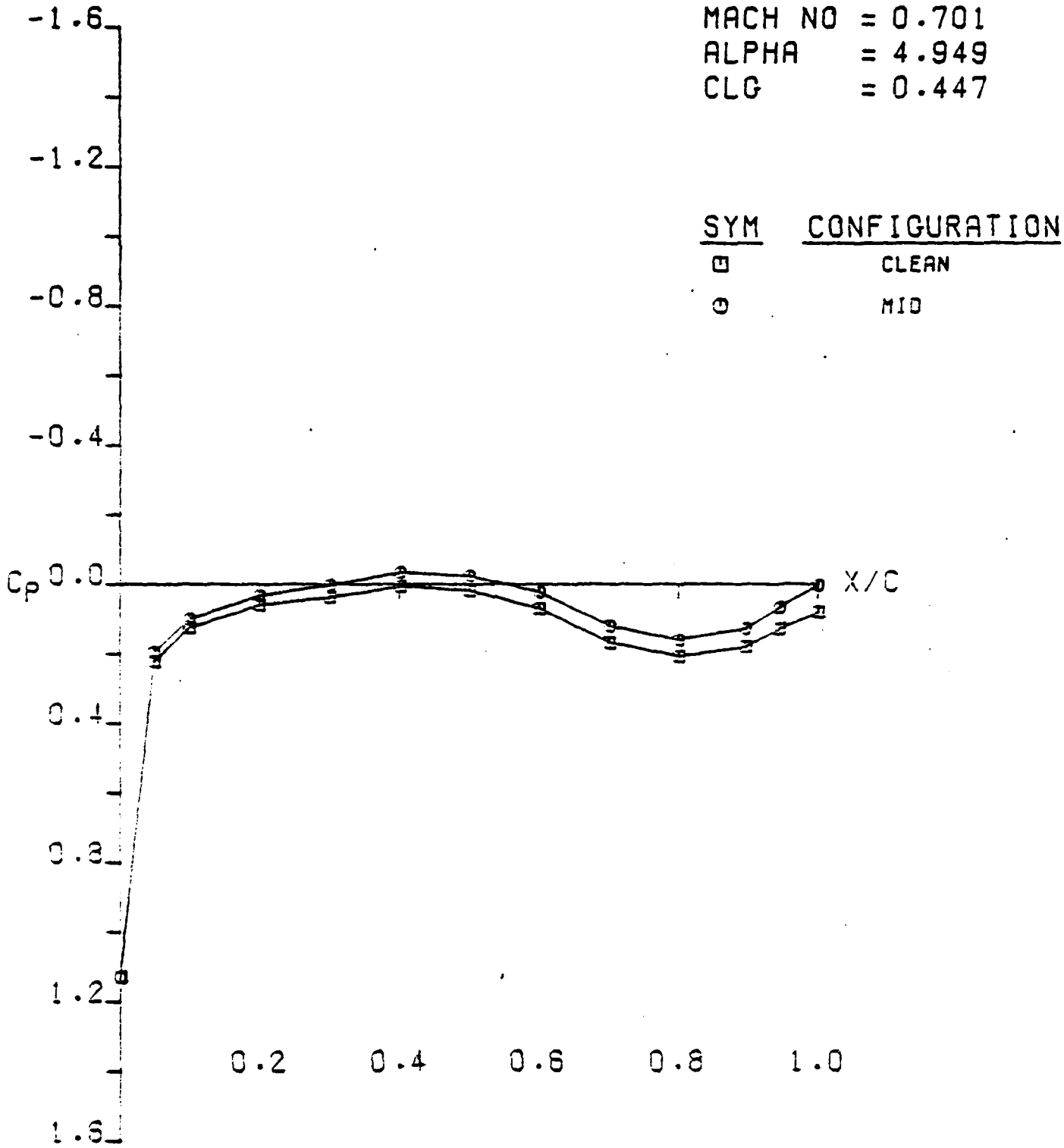
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS MID - NO SEAL (LWR SURF)
NUMERICALLY OPTIMIZED WING C



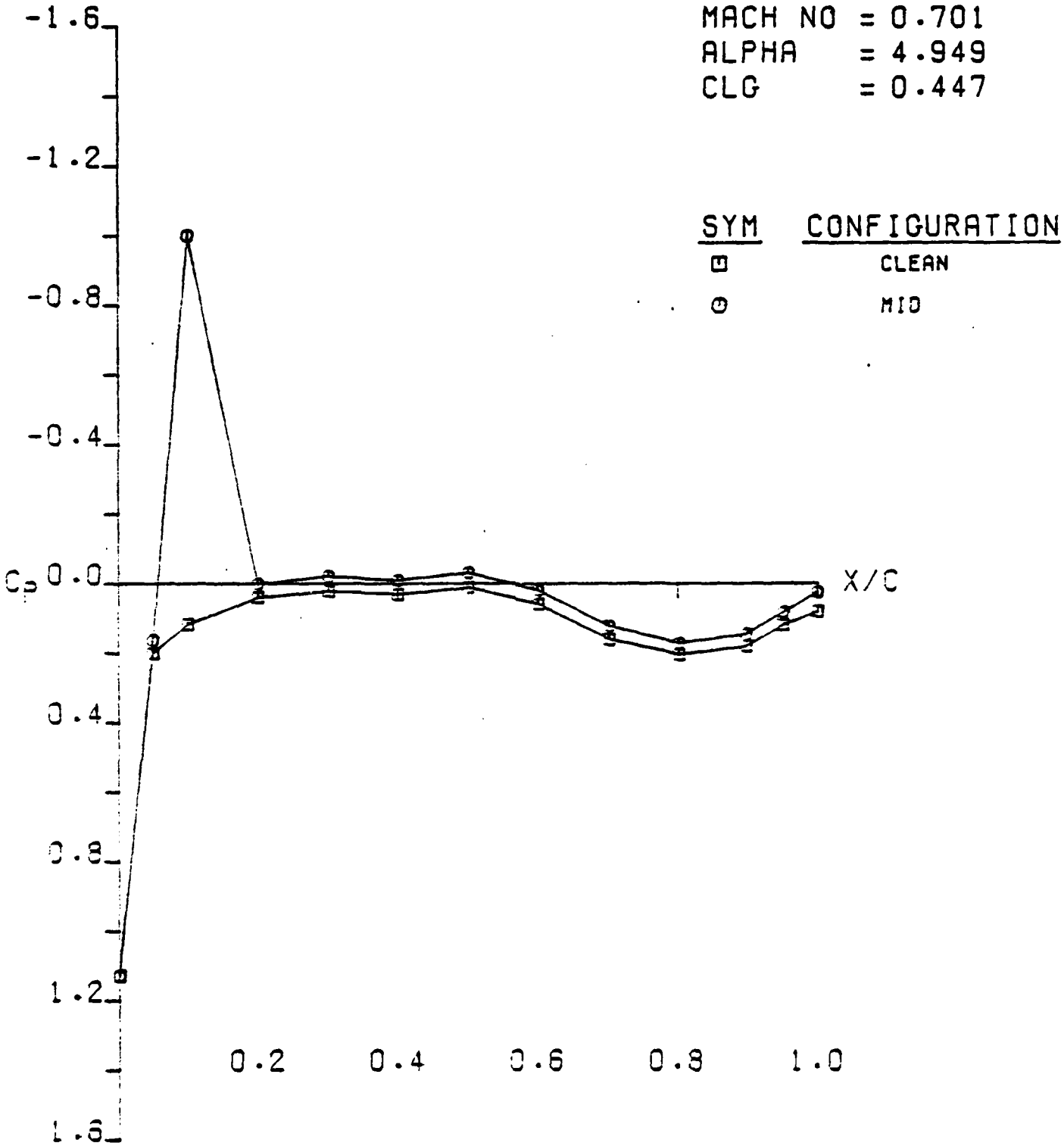
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS MID - NO SEAL (LWR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



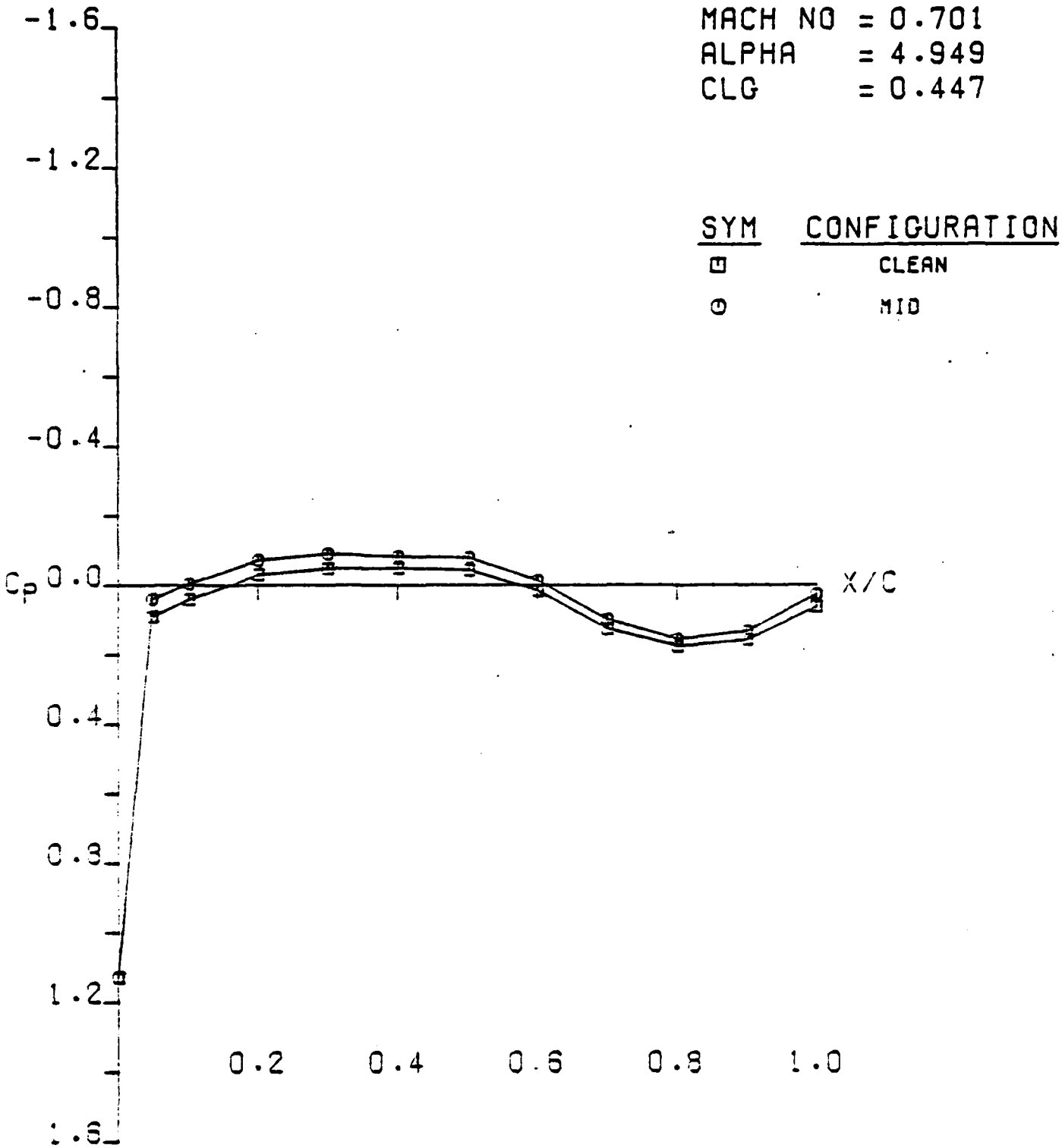
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS MID - NO SEAL (LWR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



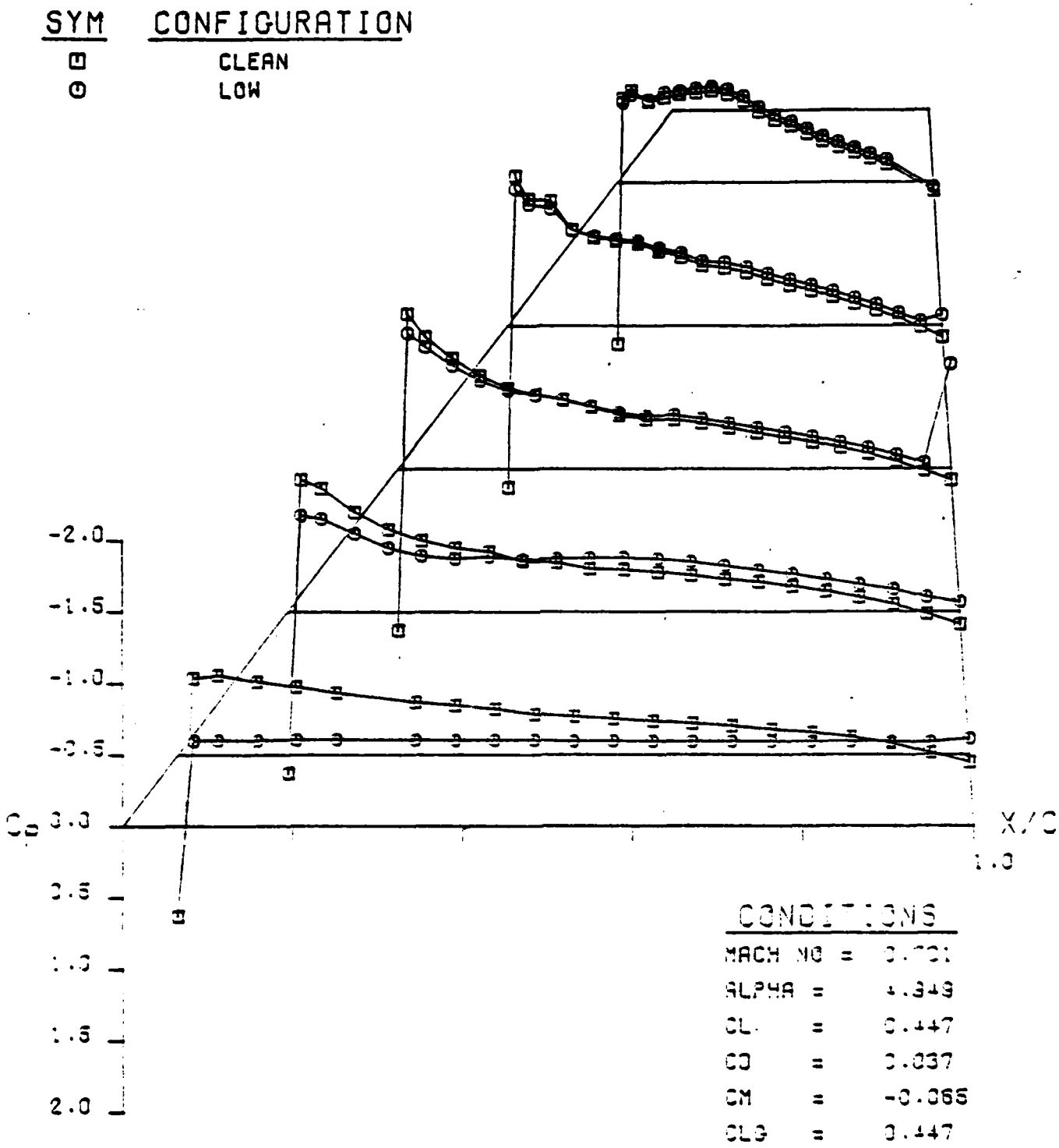
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS MID - NO SEAL (LWR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



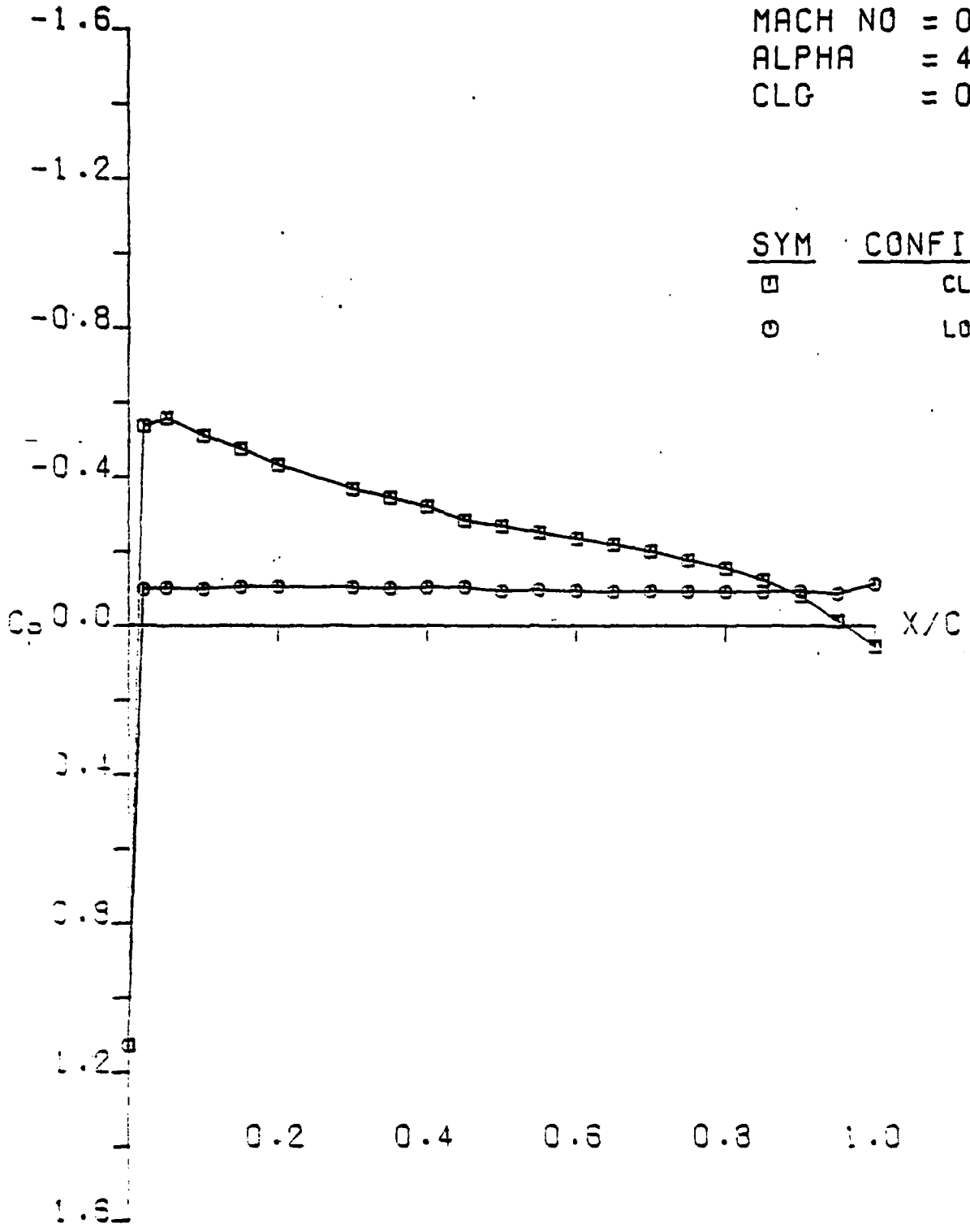
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS MID - NO SEAL (LWR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



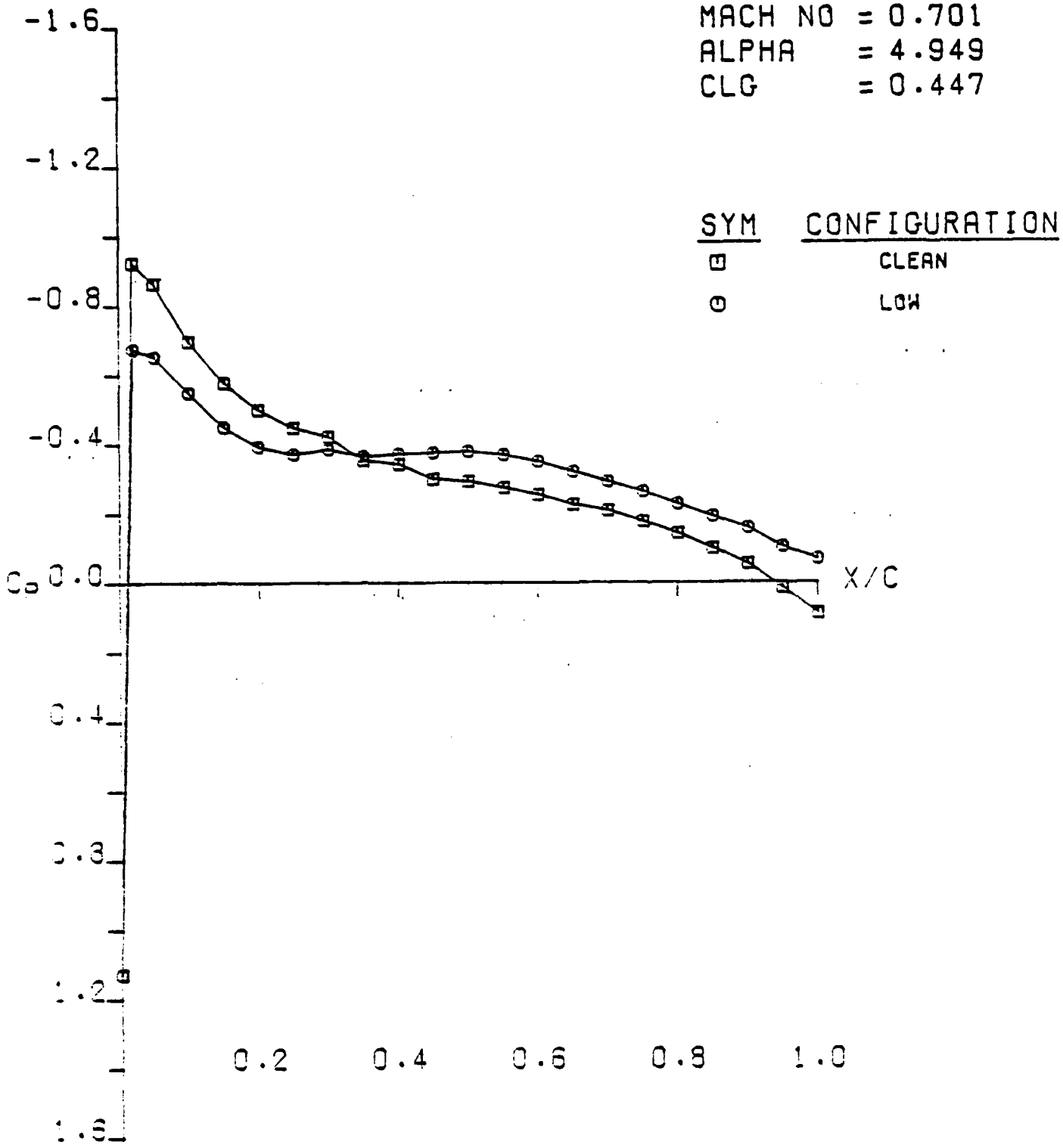
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS MID - NO SEAL (LWR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



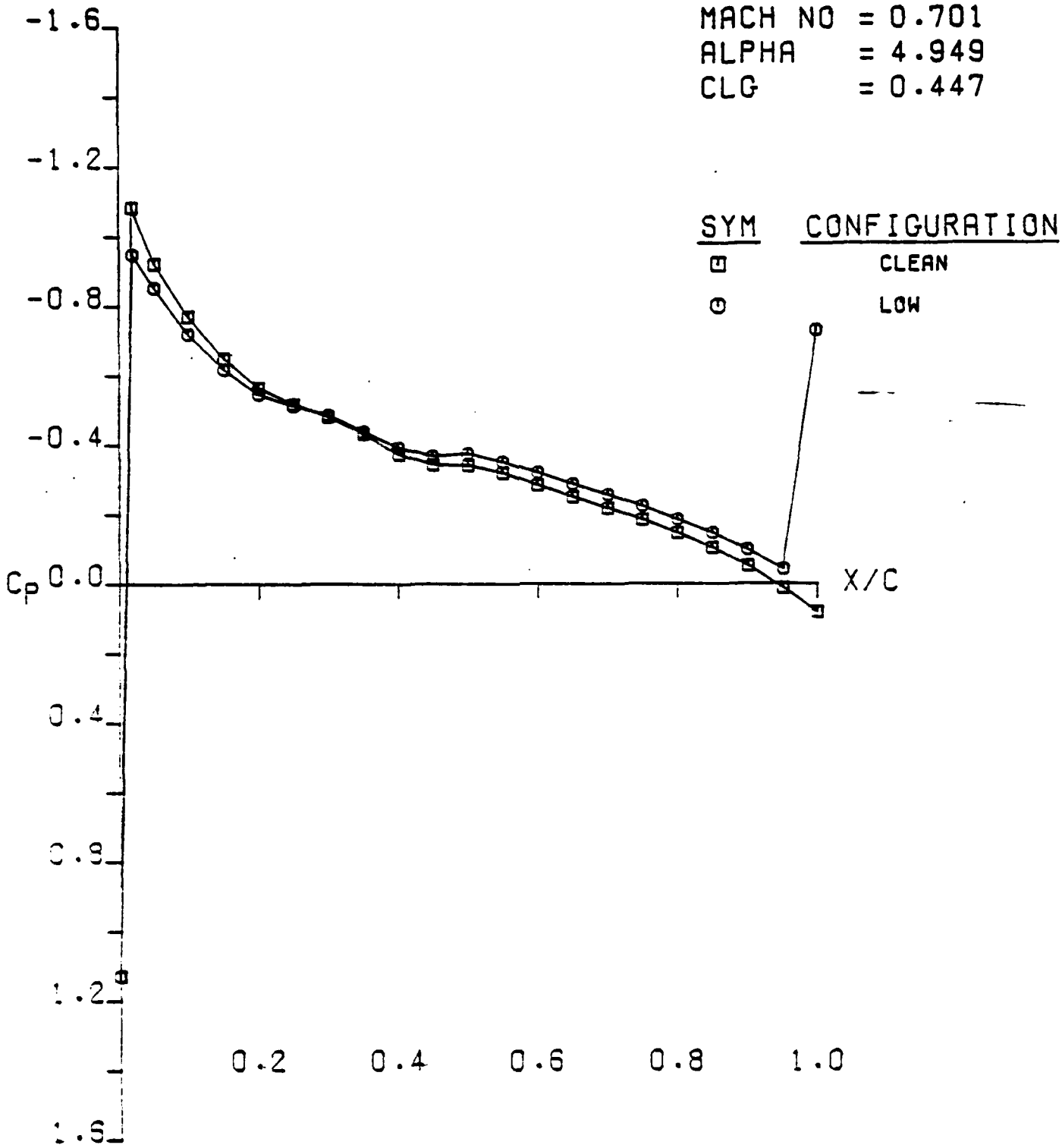
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS LOW (UPR SURF)
NUMERICALLY OPTIMIZED WING C



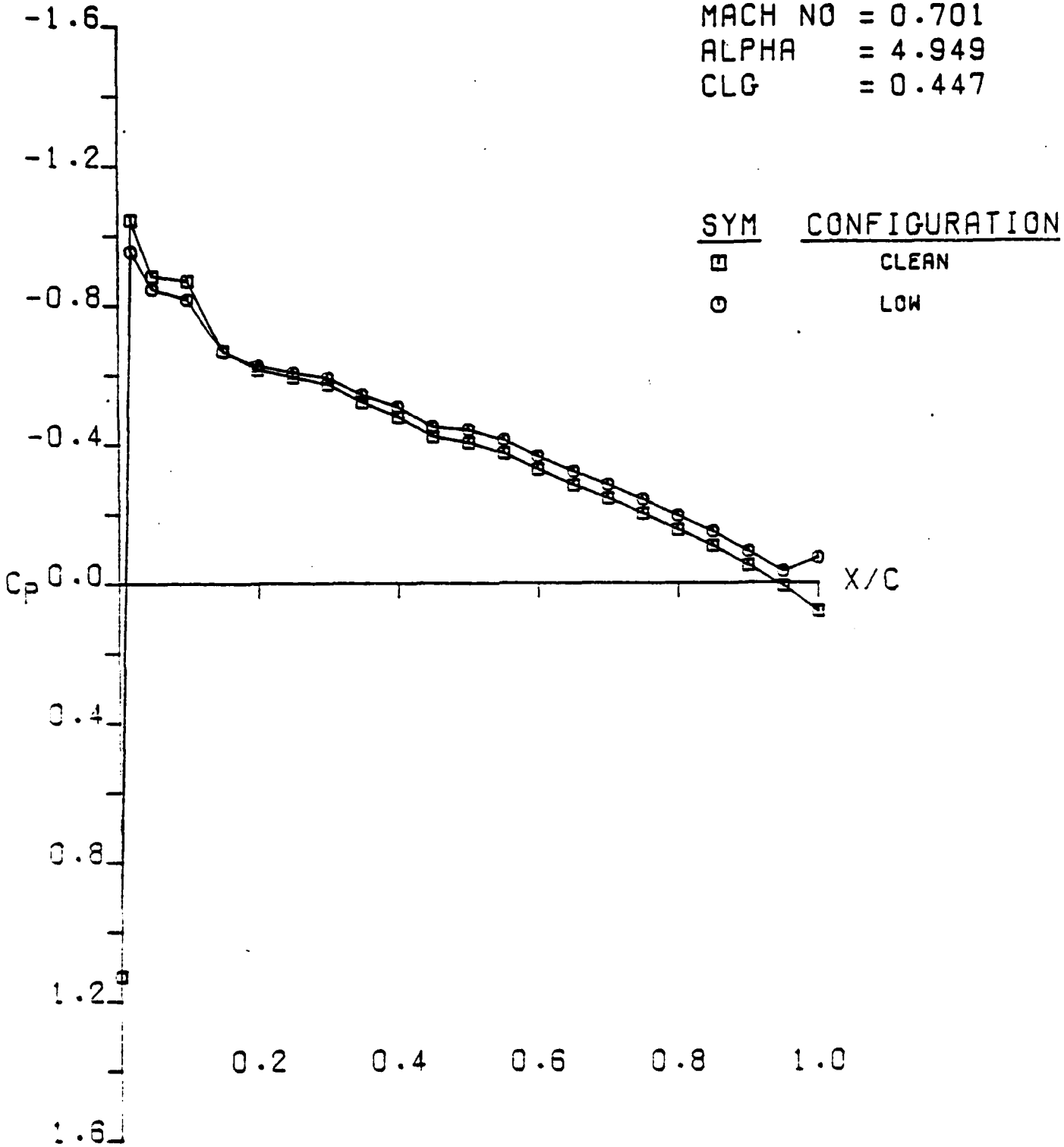
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS LOW (UPR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



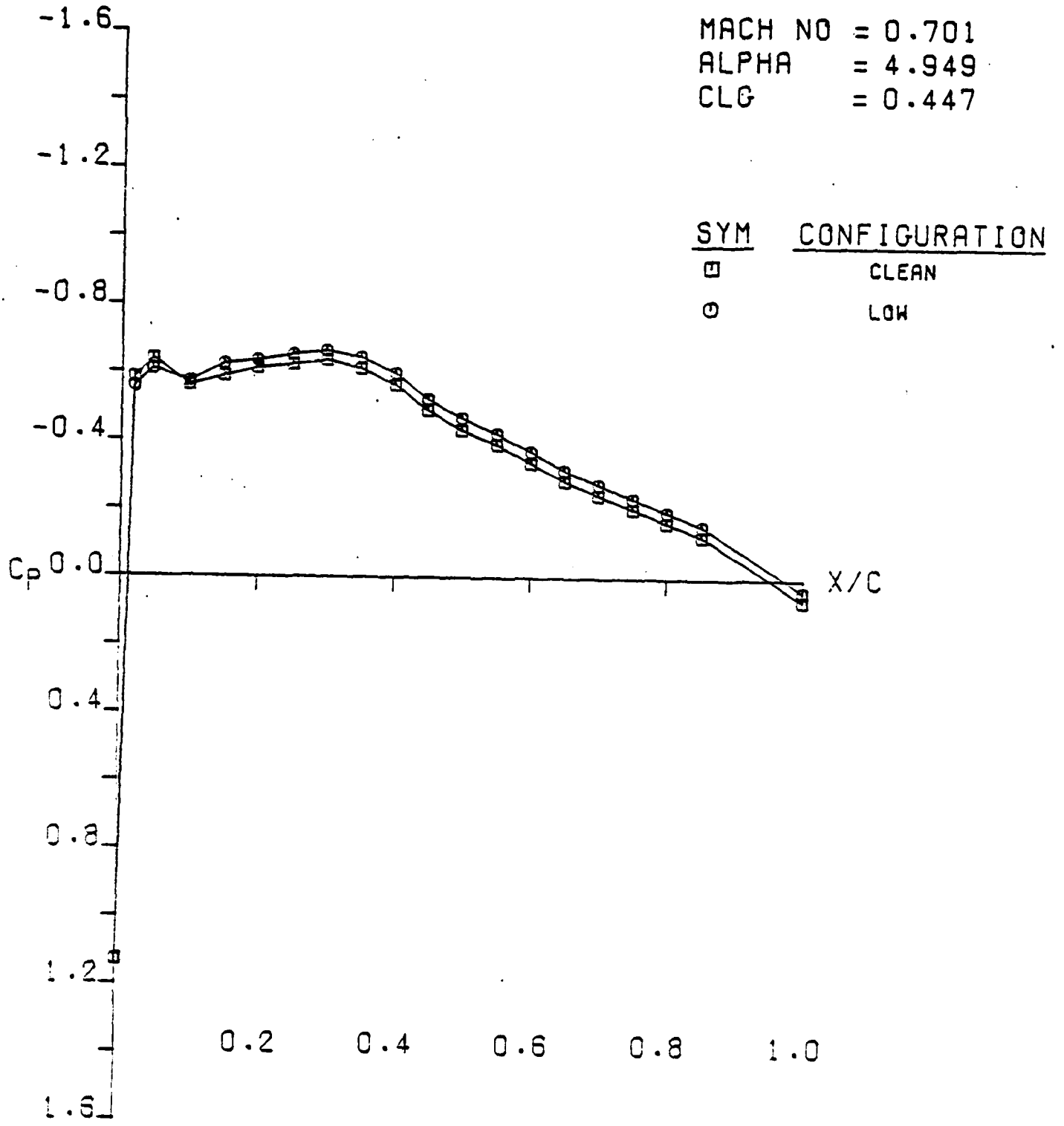
LOCKHEED CFWT SEMI-SPAN TEST, RUN 21
CLN VS LOW (UPR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



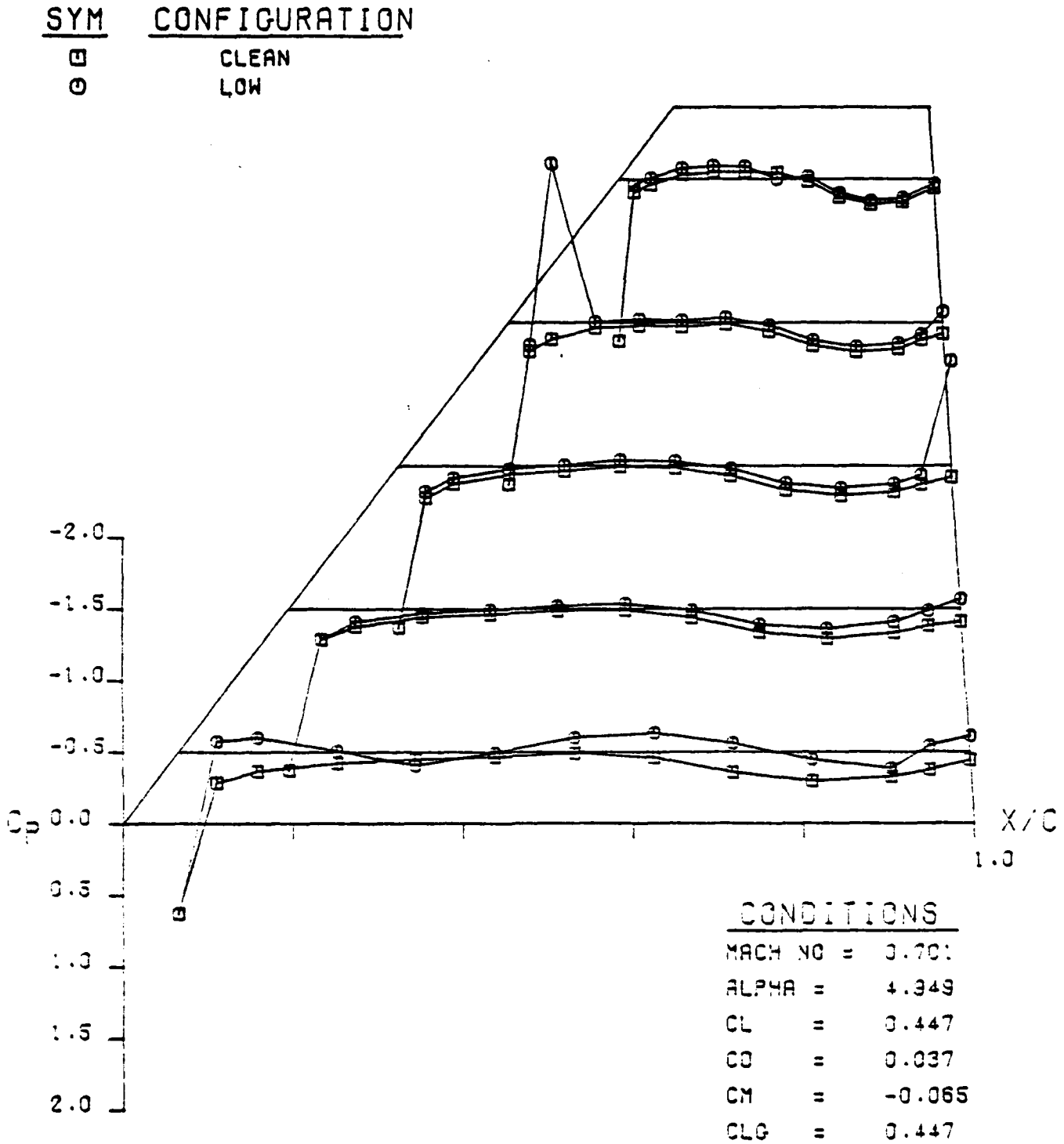
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS LOW (UPR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



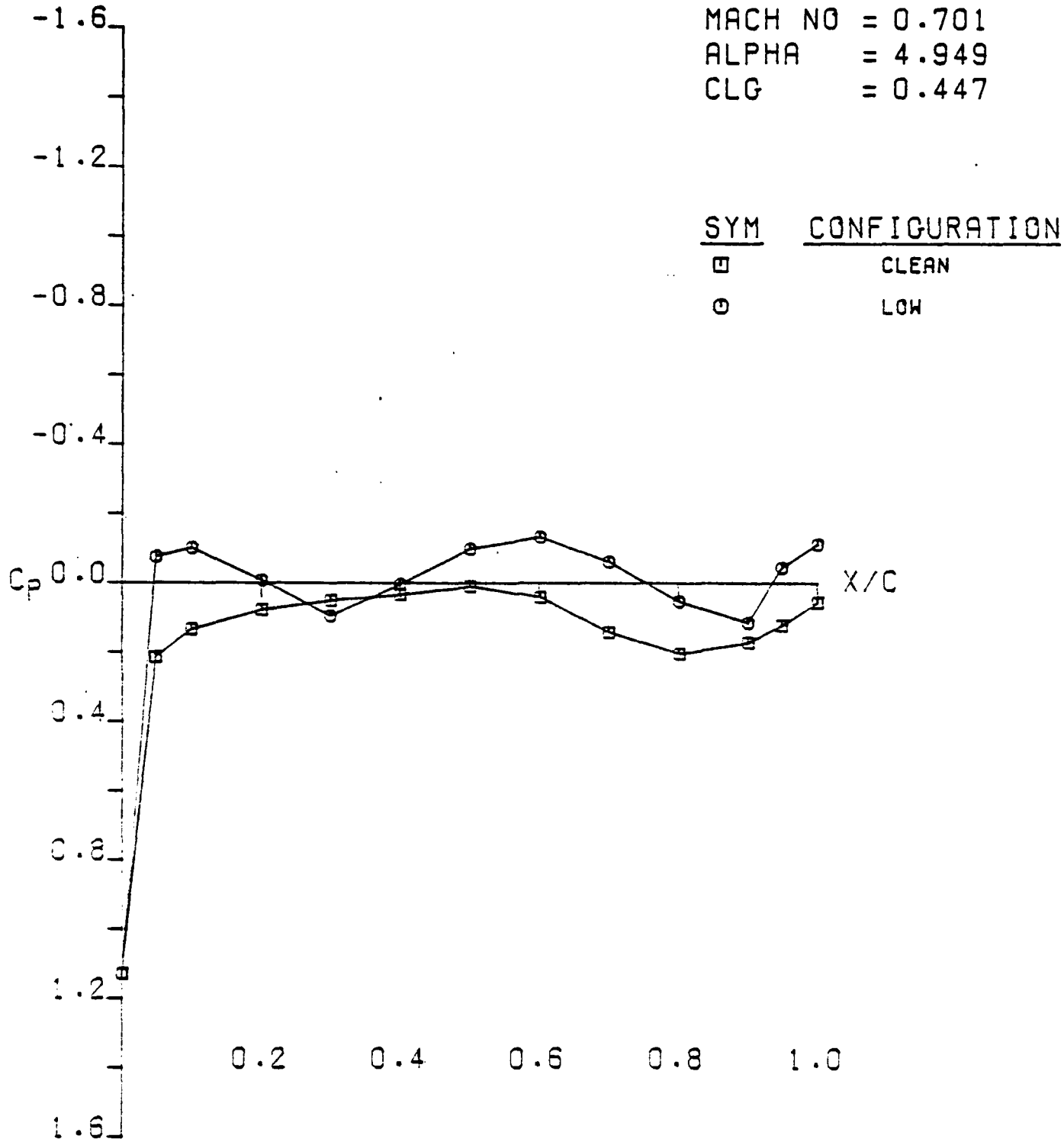
LOCKHEED CFWT SEMI-SPAN TEST, RUN 21
CLN VS LOW (UPR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



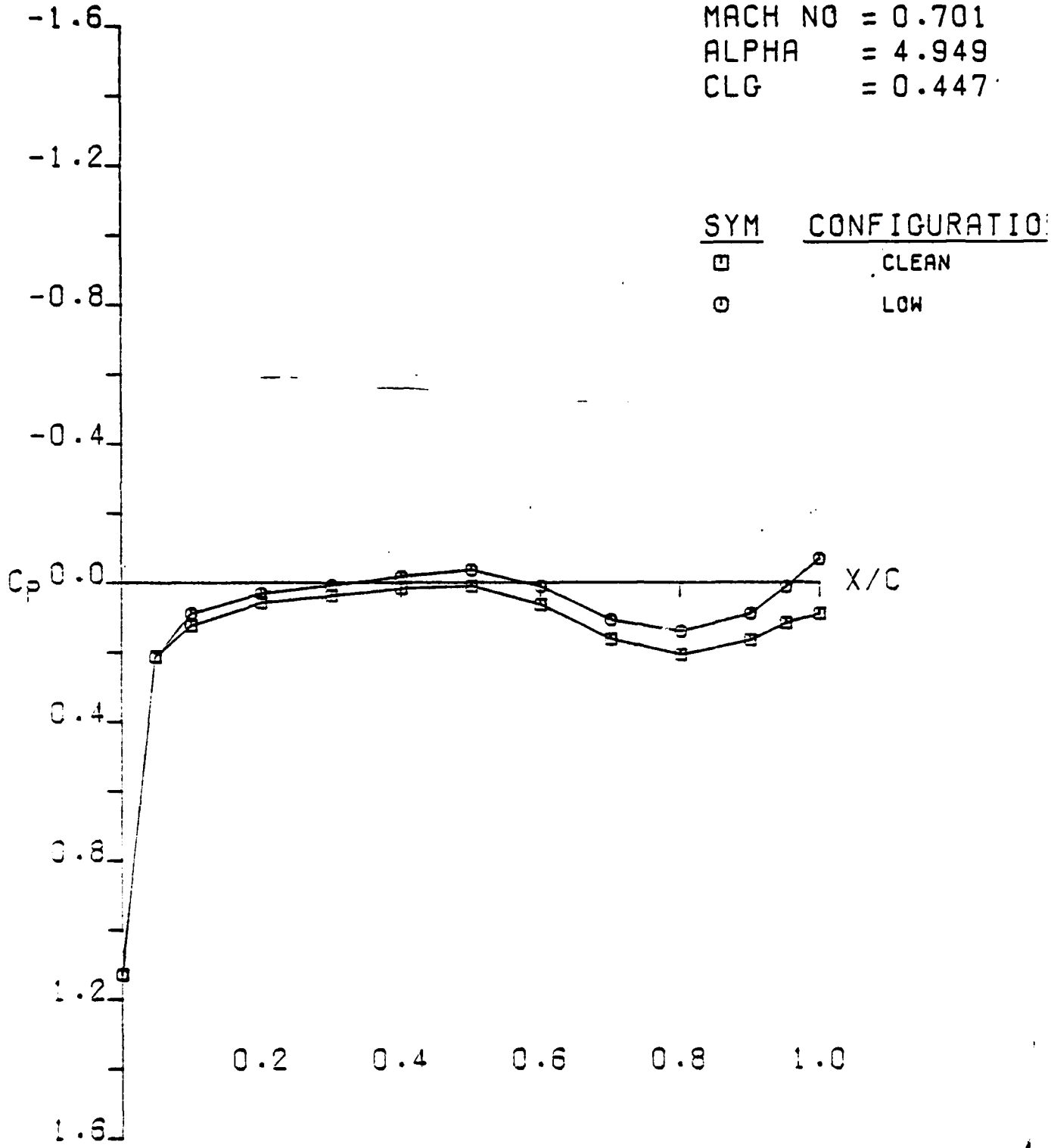
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS LOW (UPR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



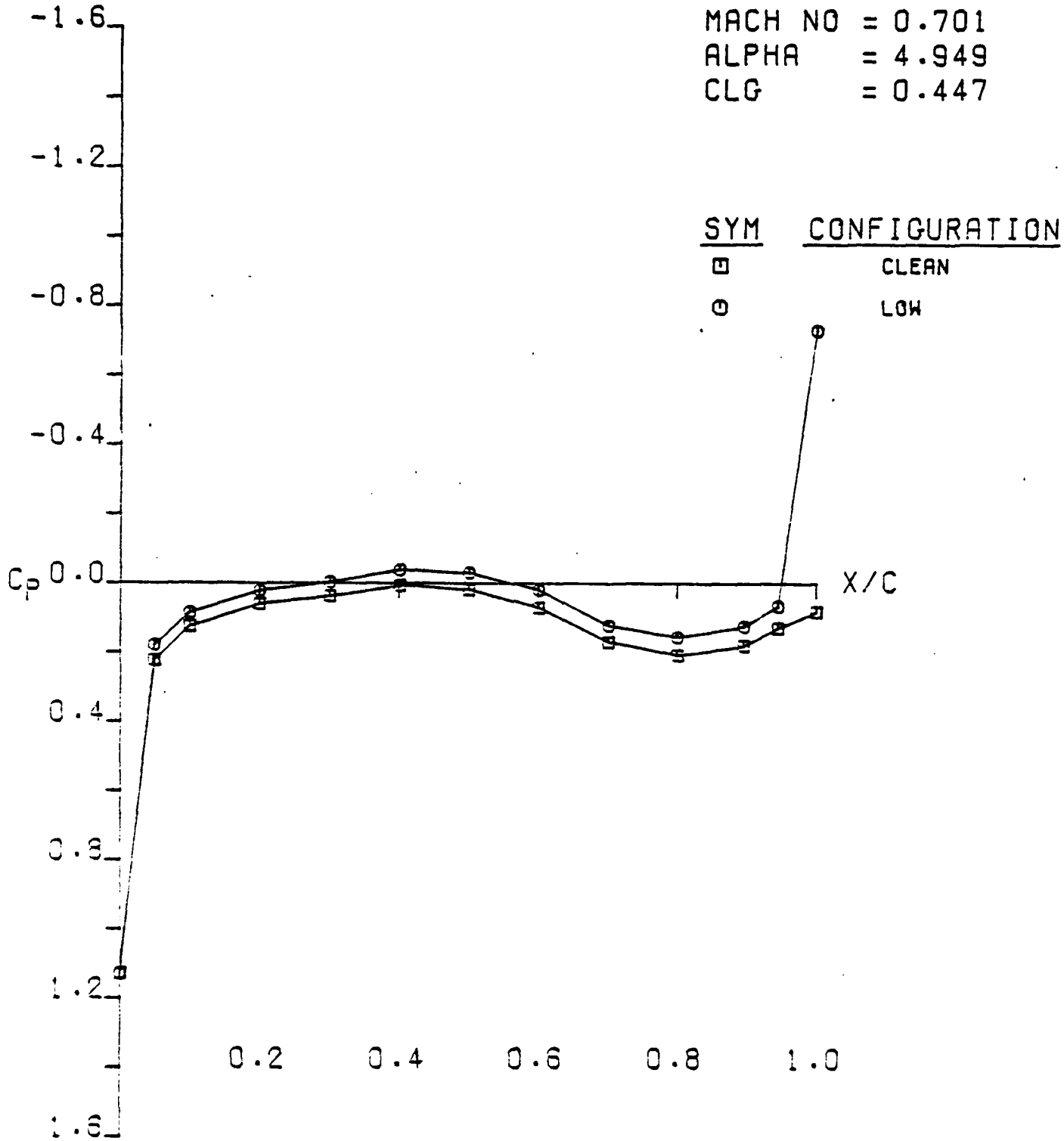
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS LOW (LWR SURF)
NUMERICALLY OPTIMIZED WING C



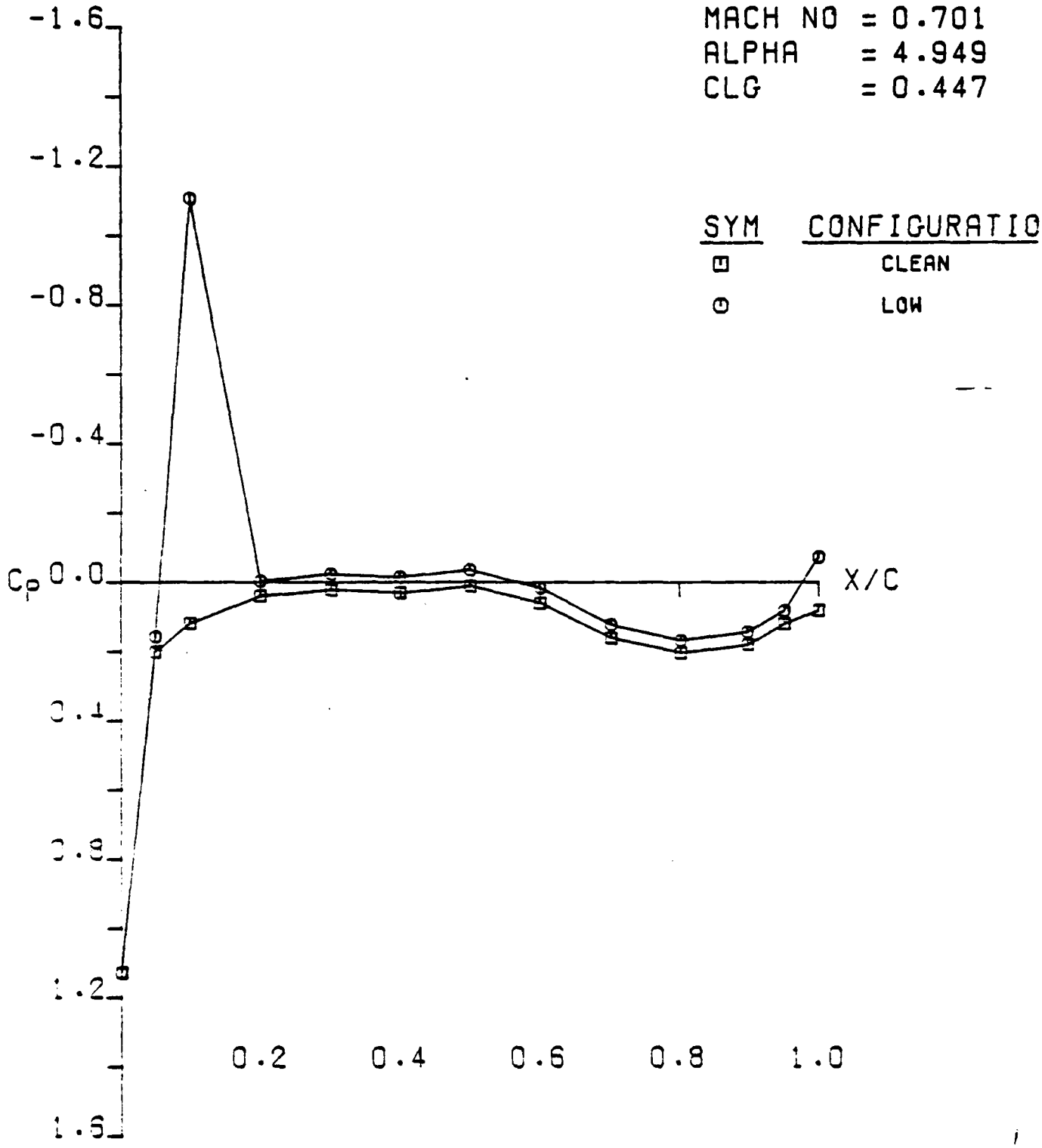
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS LOW (LWR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



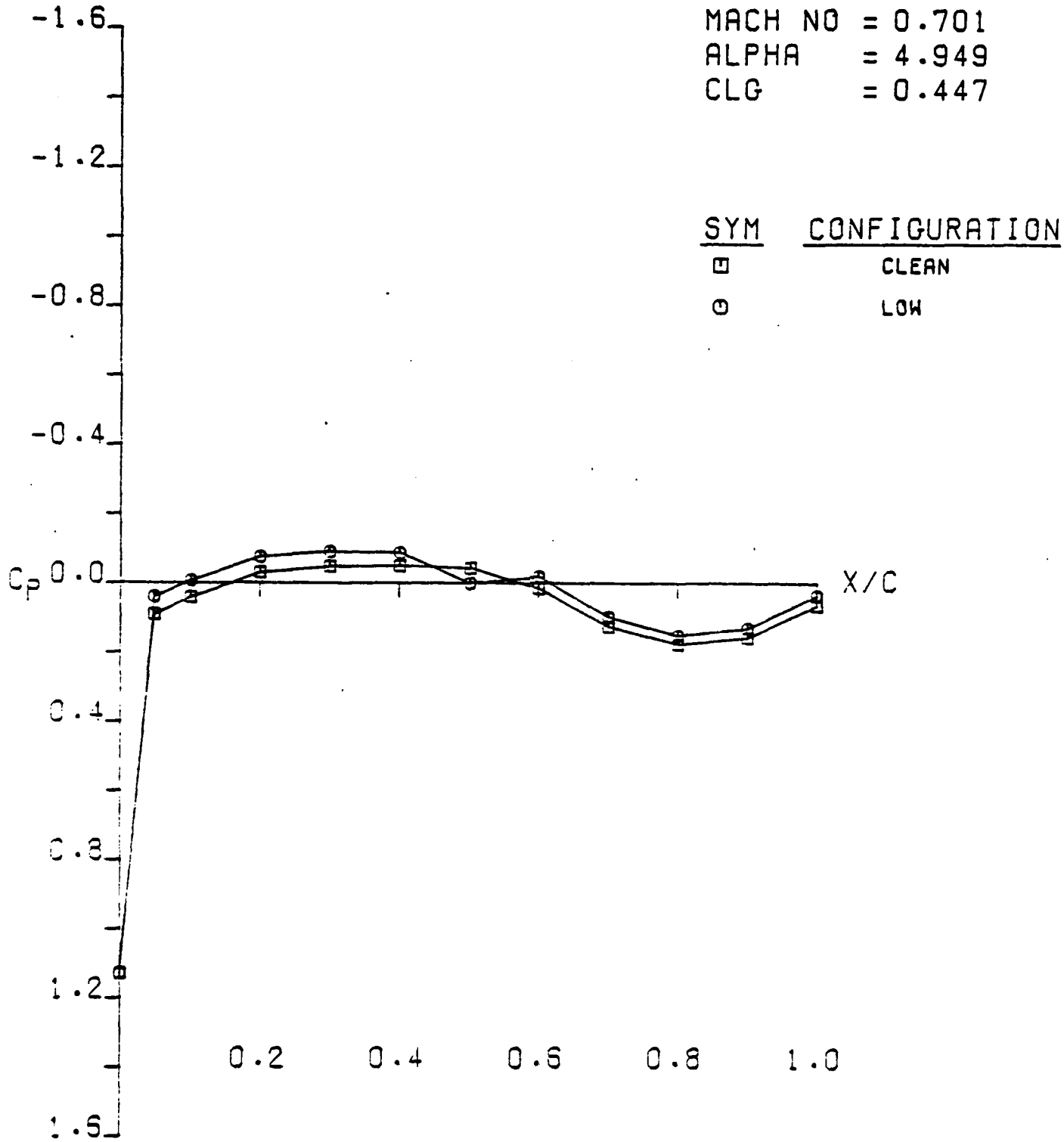
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS LOW (LWR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



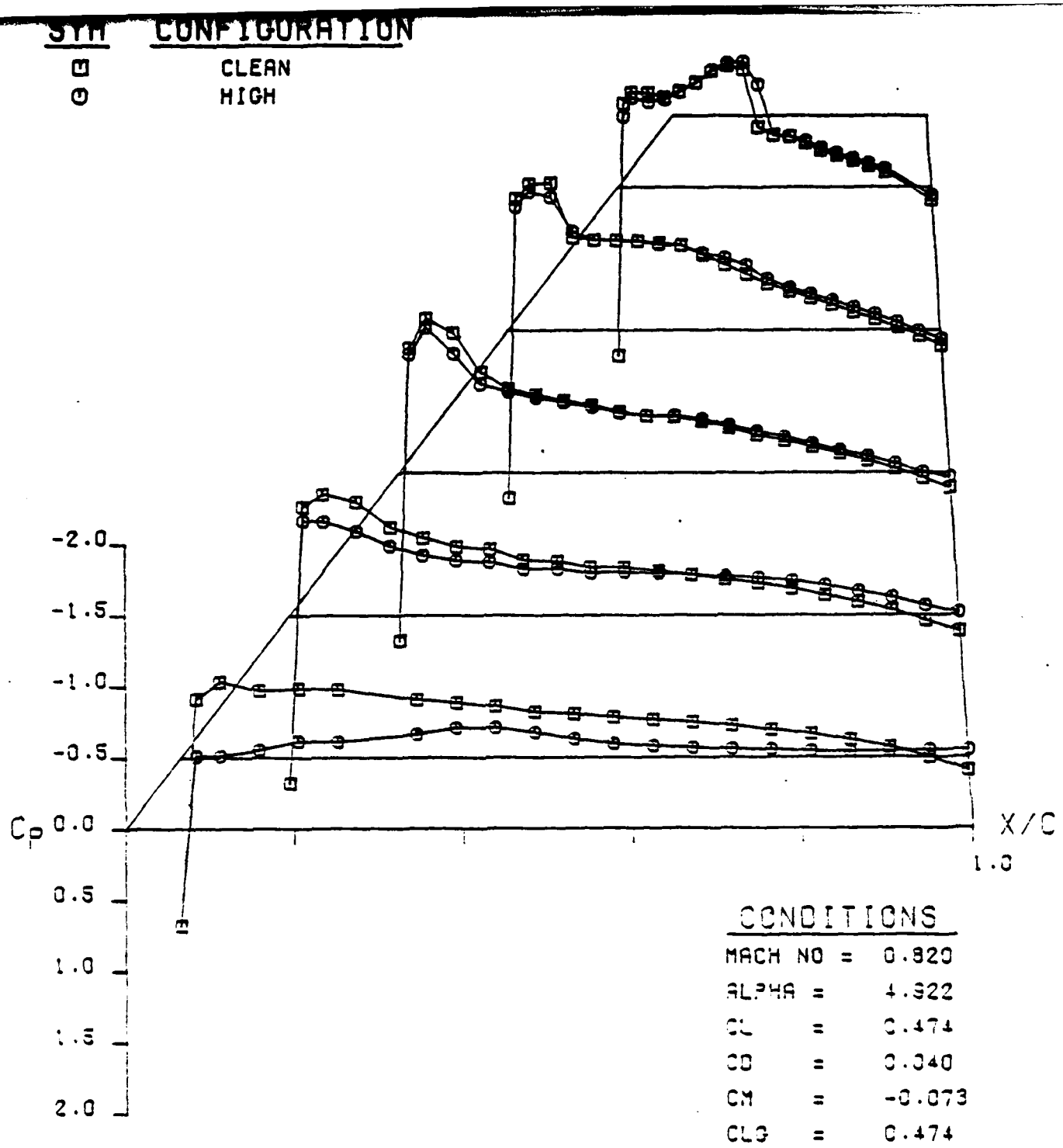
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS LOW (LWR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



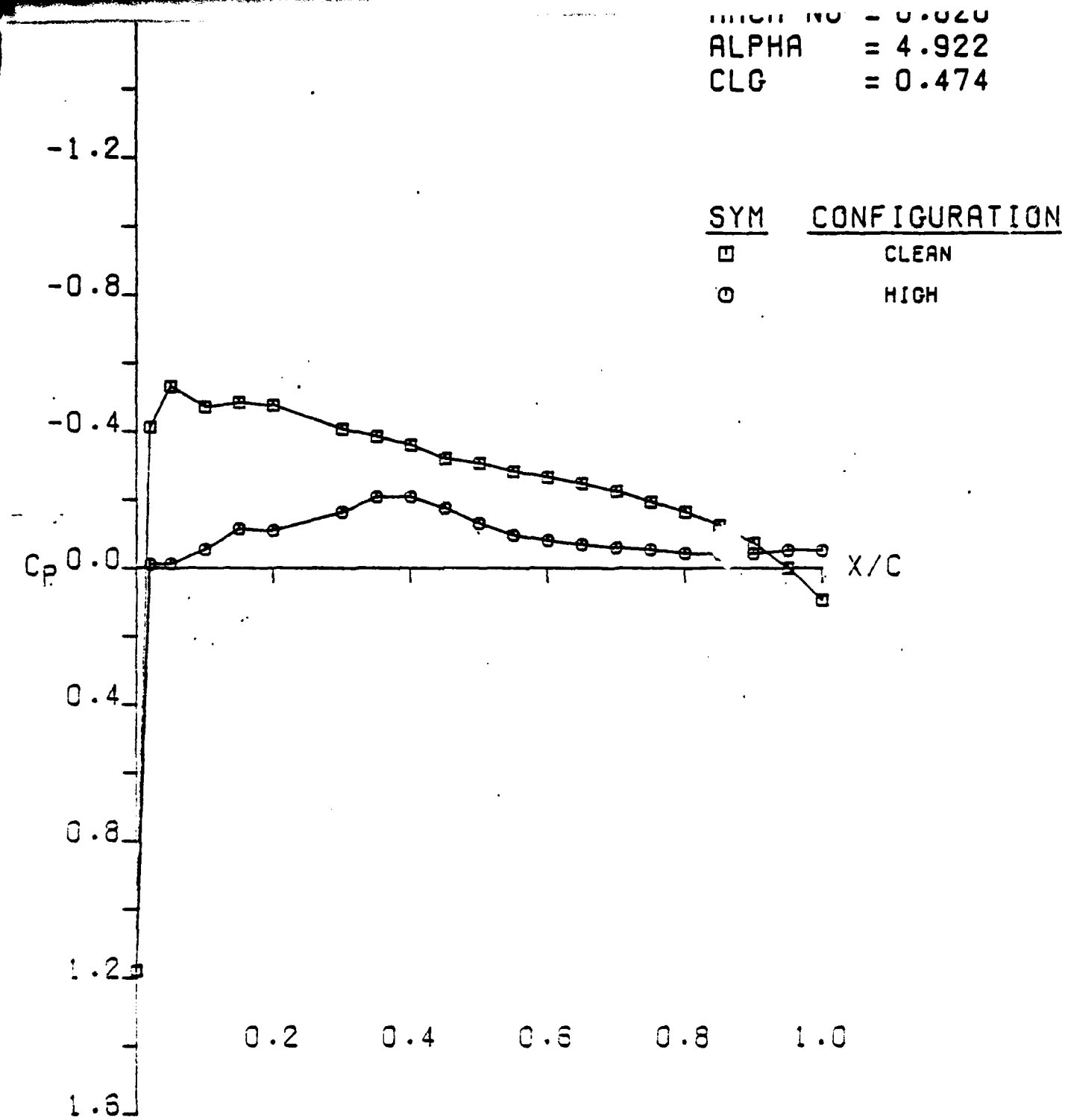
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS LOW (LWR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



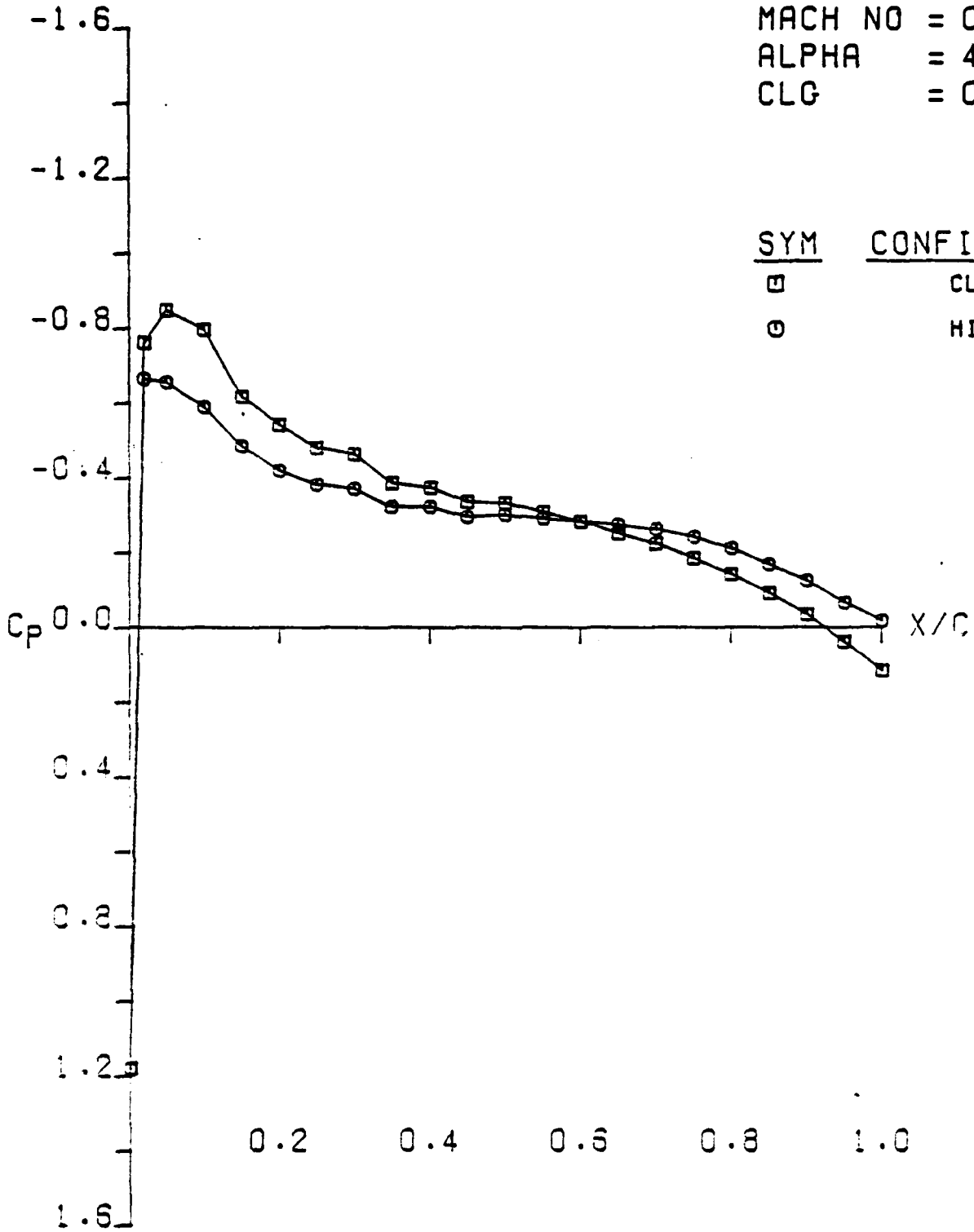
LOCKHEED CFWT SEMI-SPAN TEST, RUN 24
CLN VS LOW (LWR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



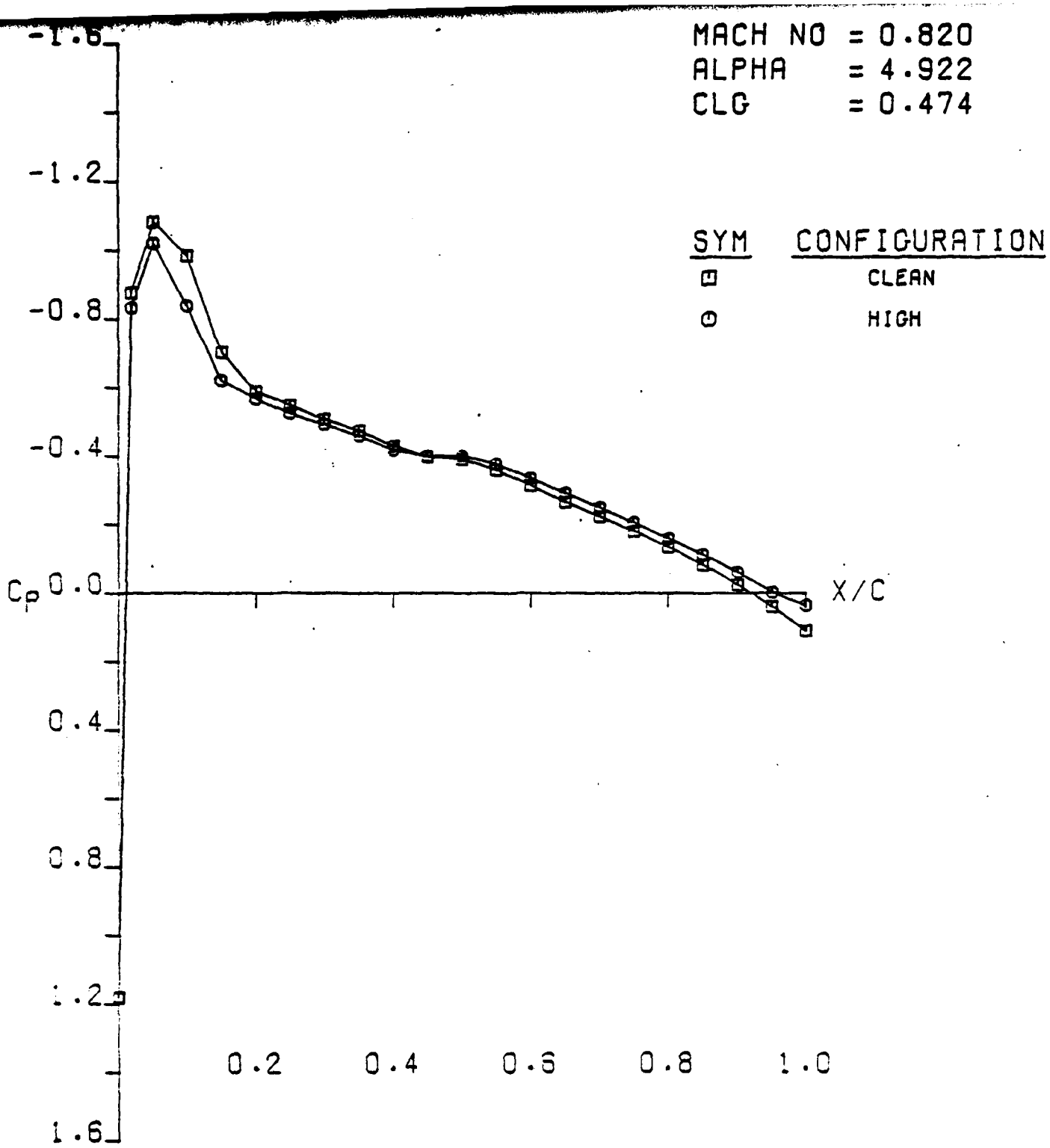
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS HIGH (UPR SURF)
NUMERICALLY OPTIMIZED WING C



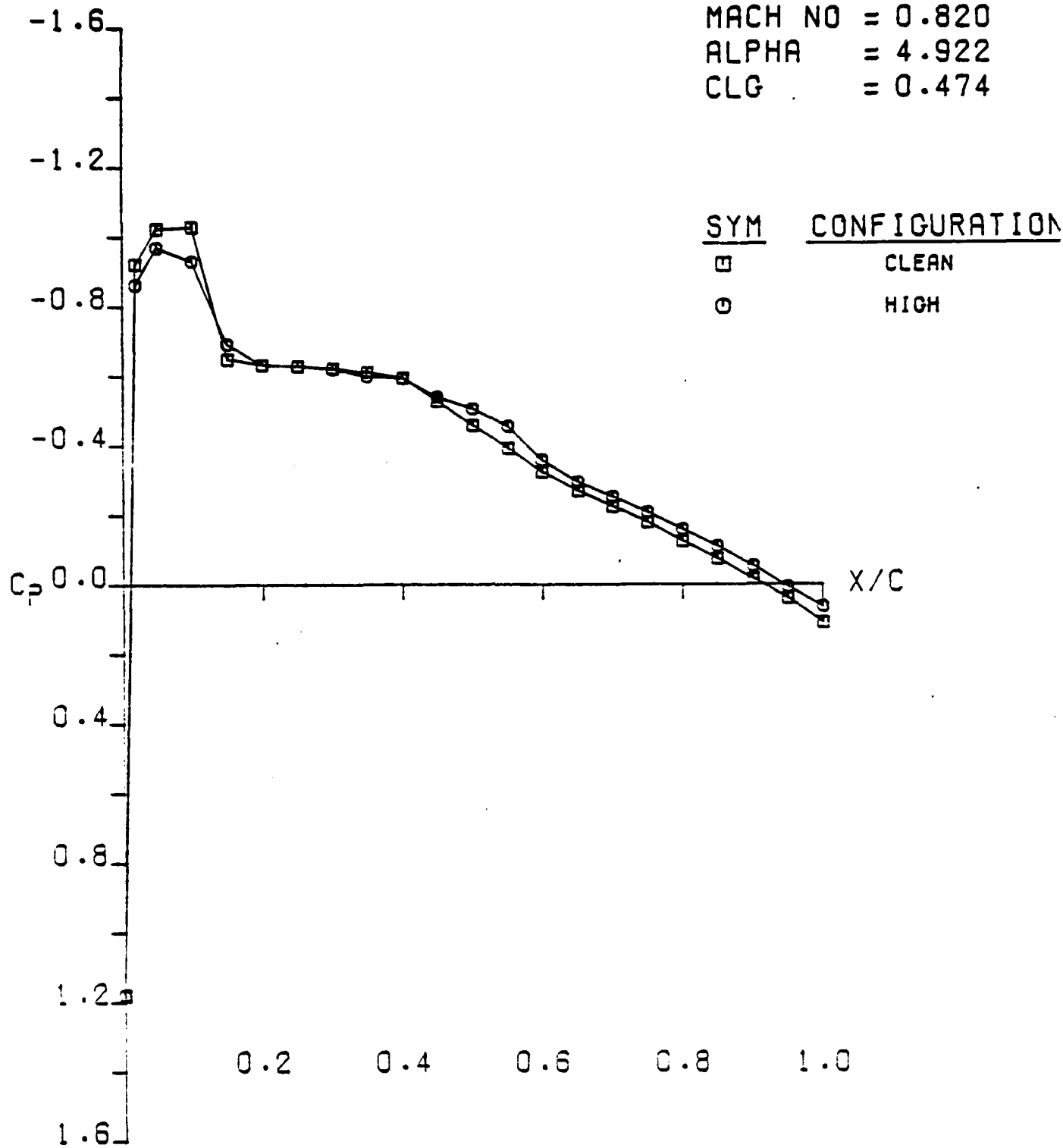
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS HIGH (UPR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



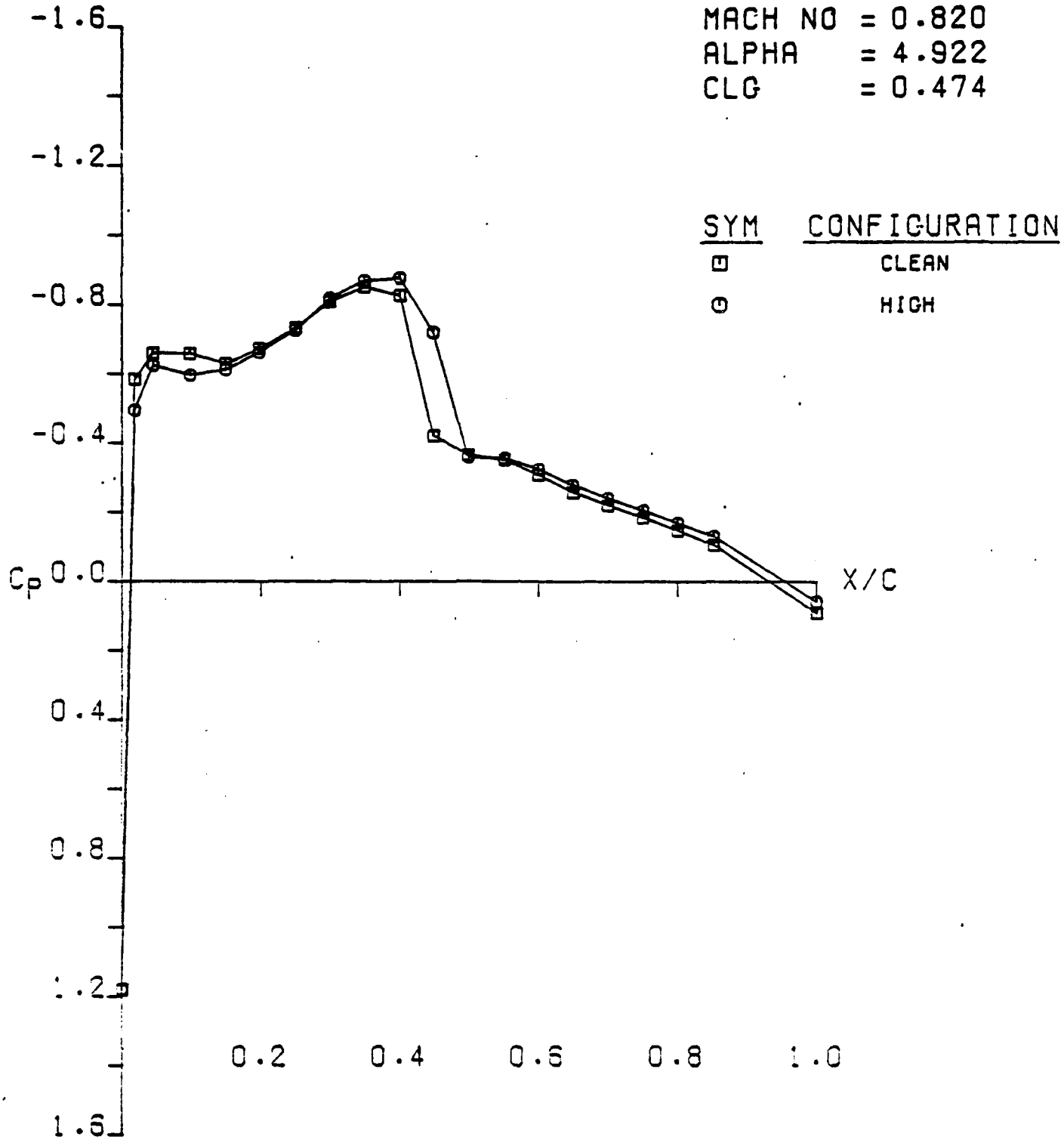
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS HIGH (UPR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



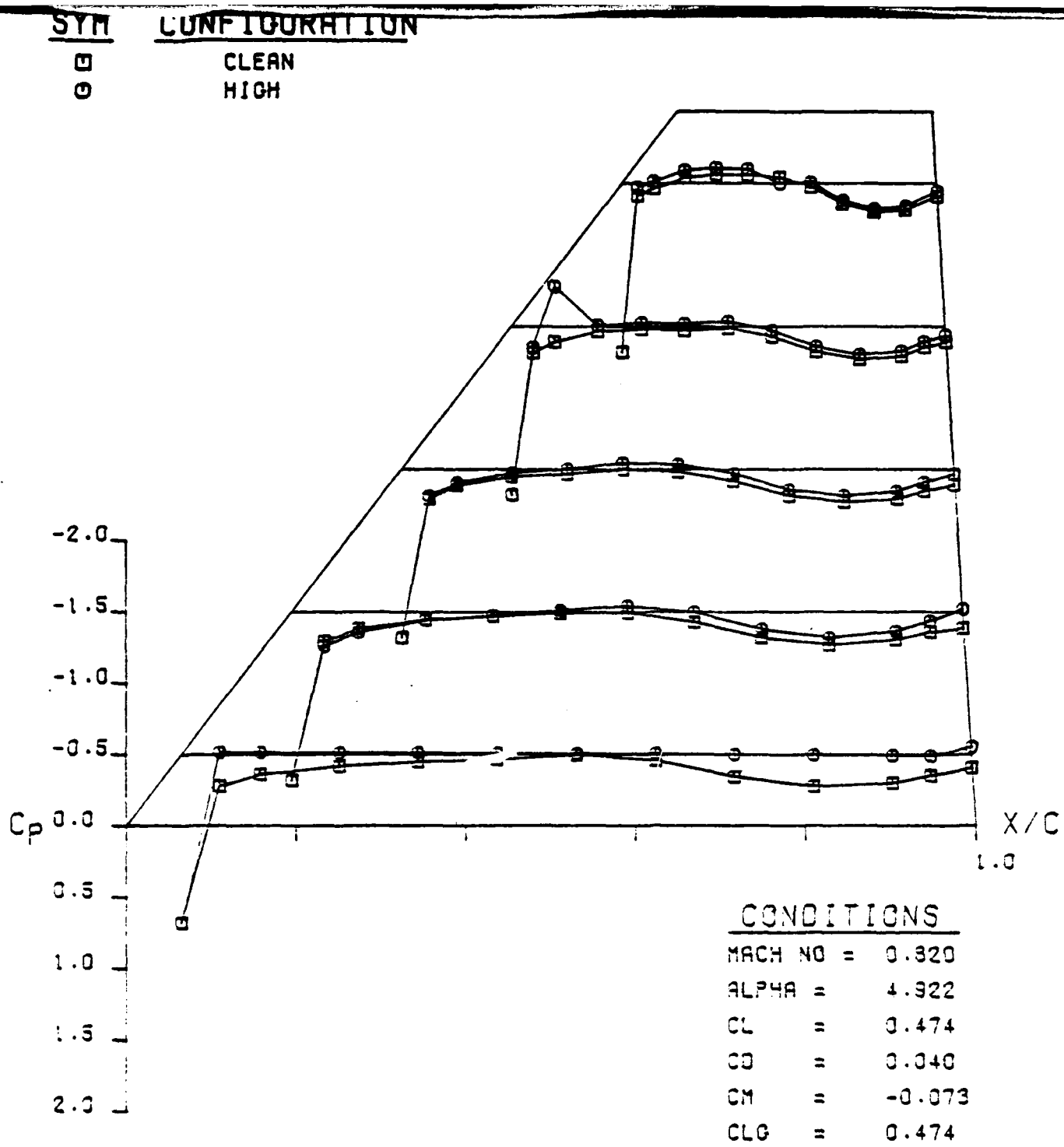
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS HIGH (UPR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



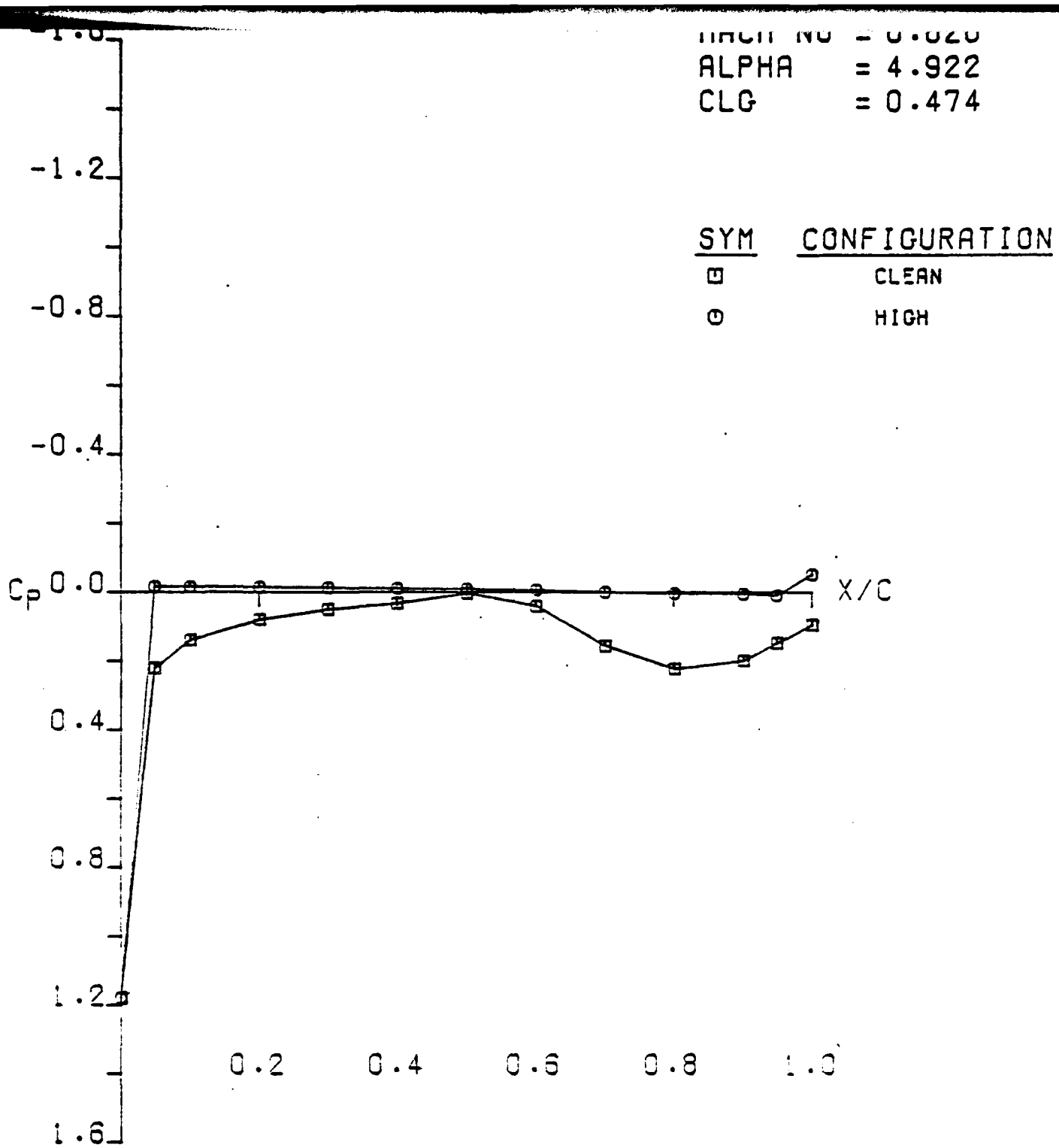
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS HIGH (UPR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



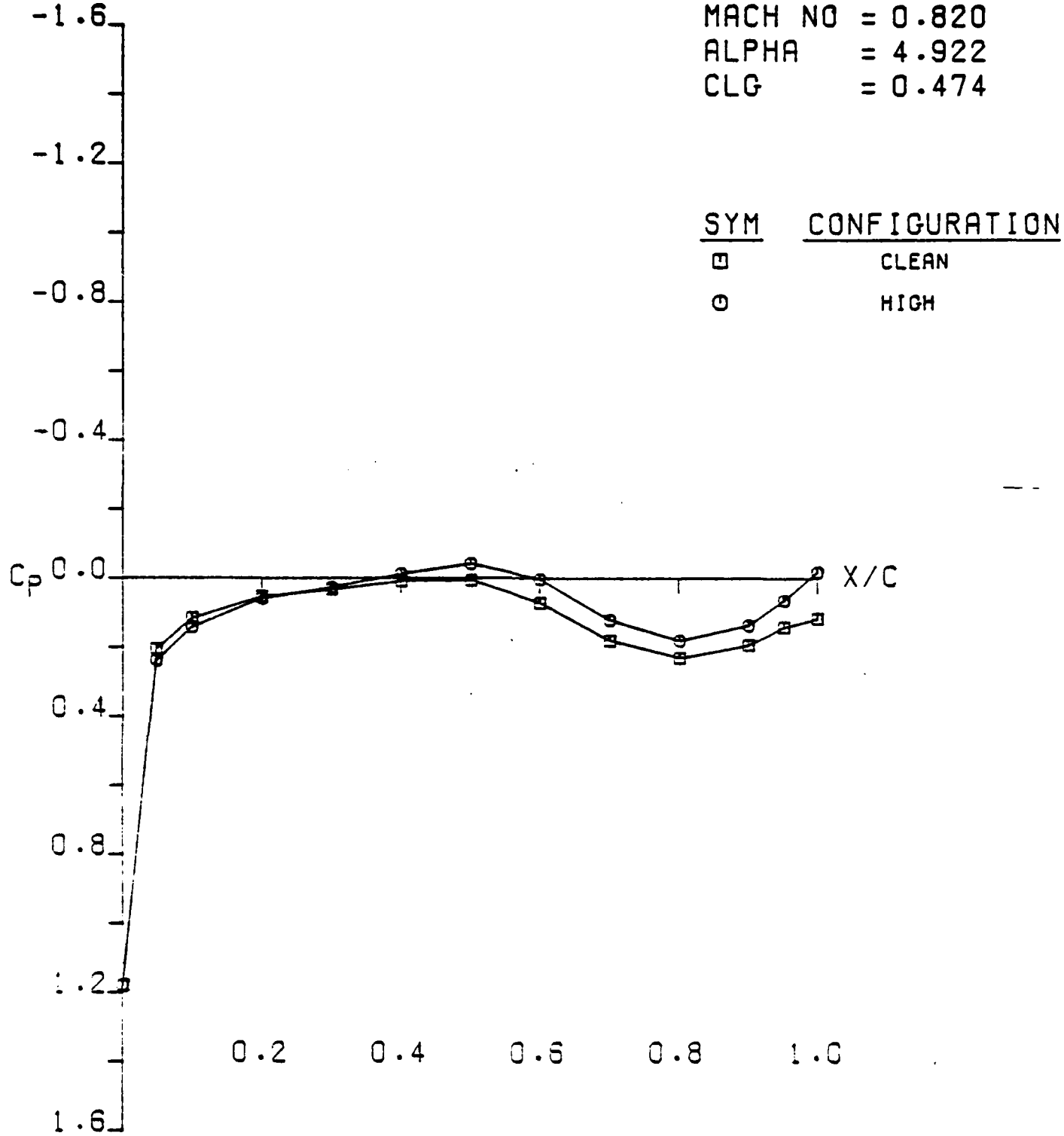
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS HIGH (UPR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



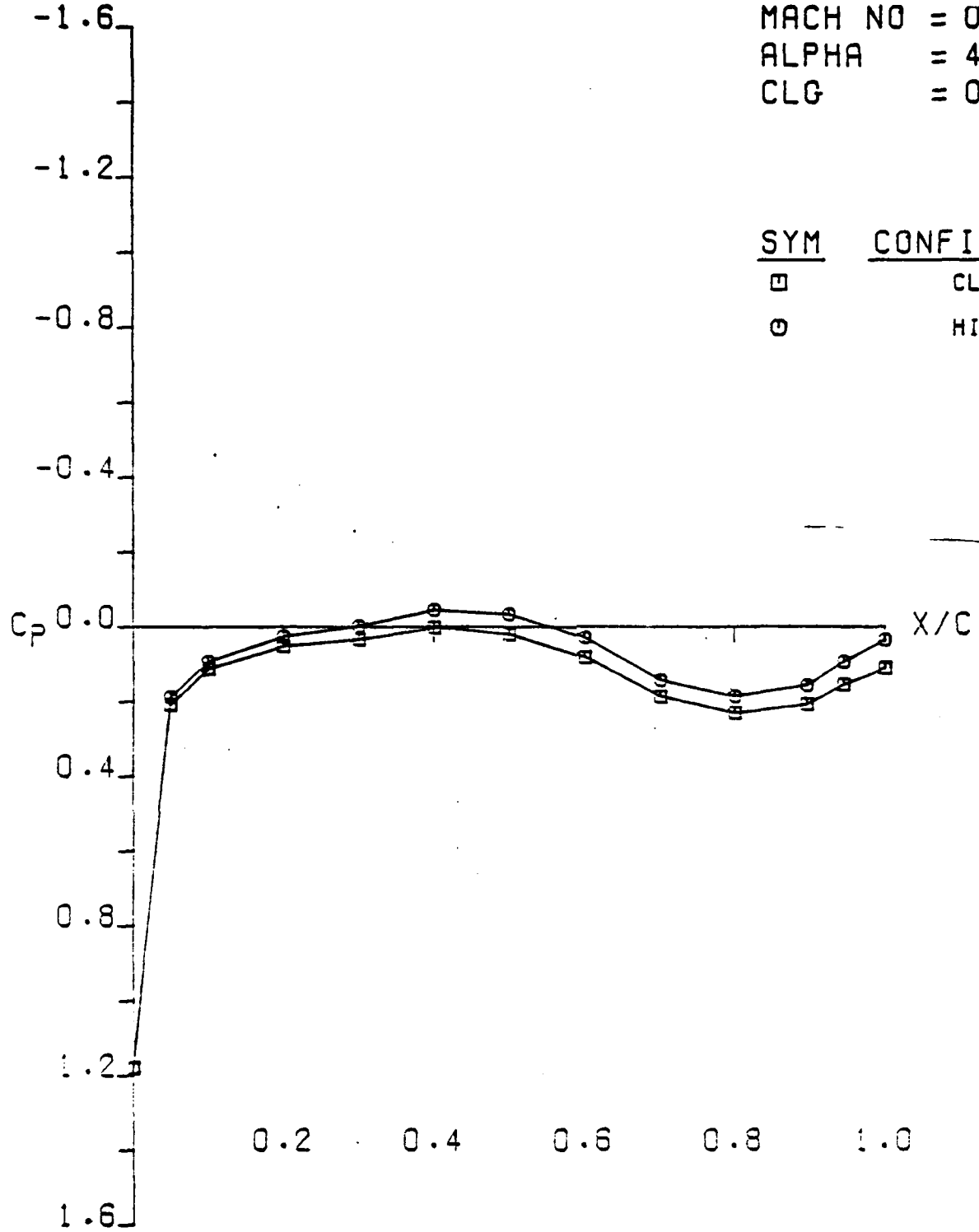
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS HIGH (LWR SURF)
NUMERICALLY OPTIMIZED WING C



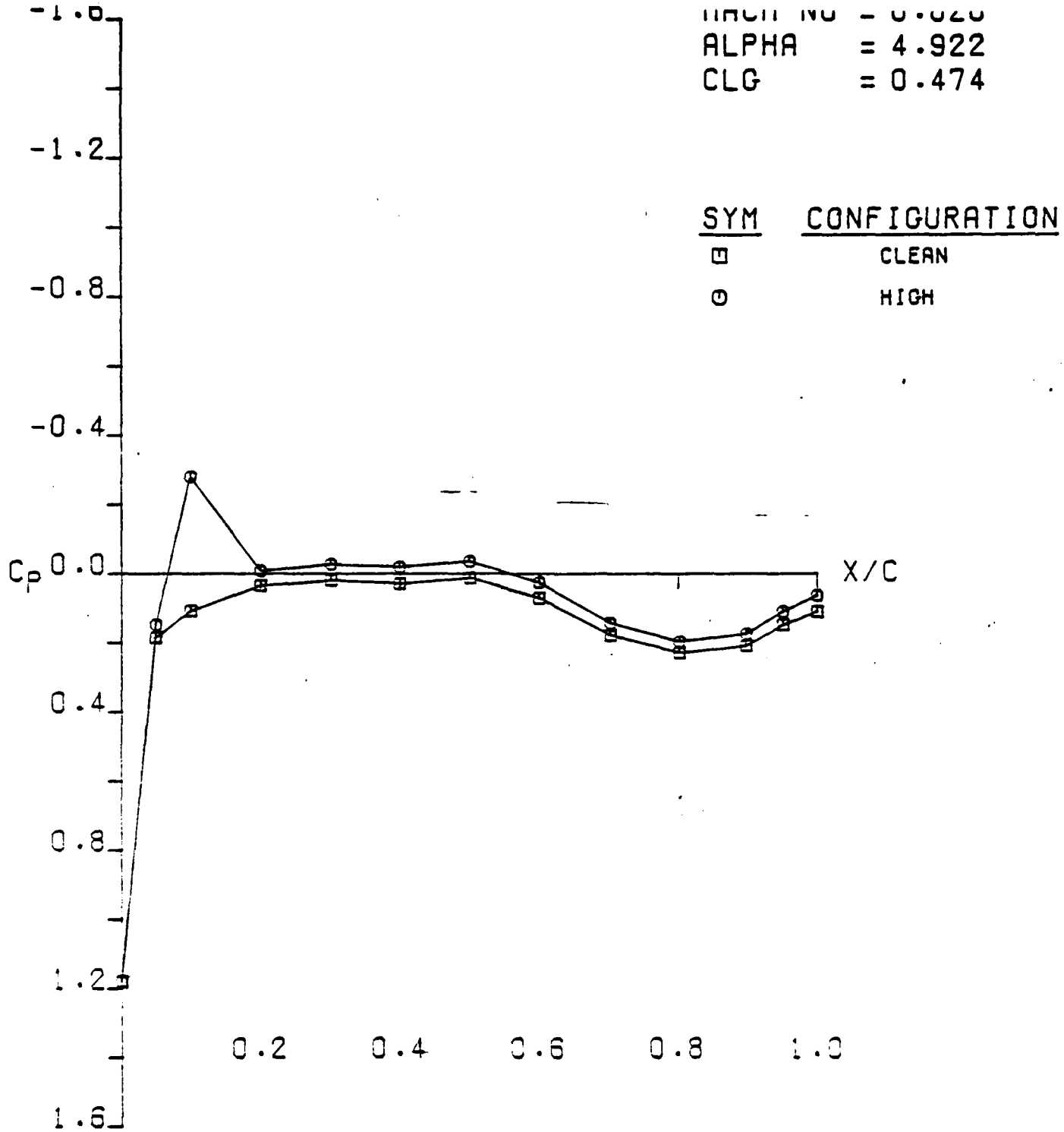
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS HIGH (LWR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



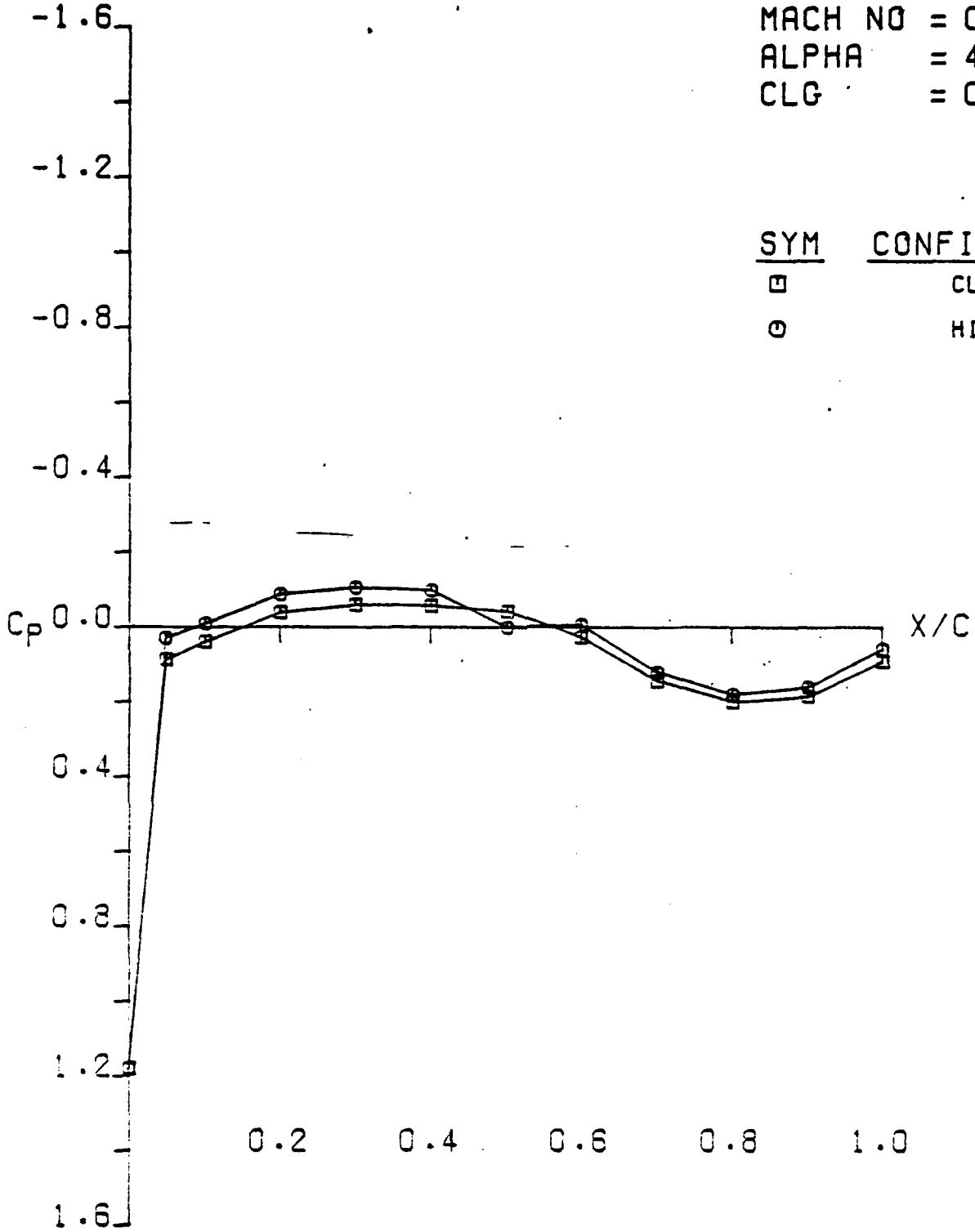
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS HIGH (LWR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



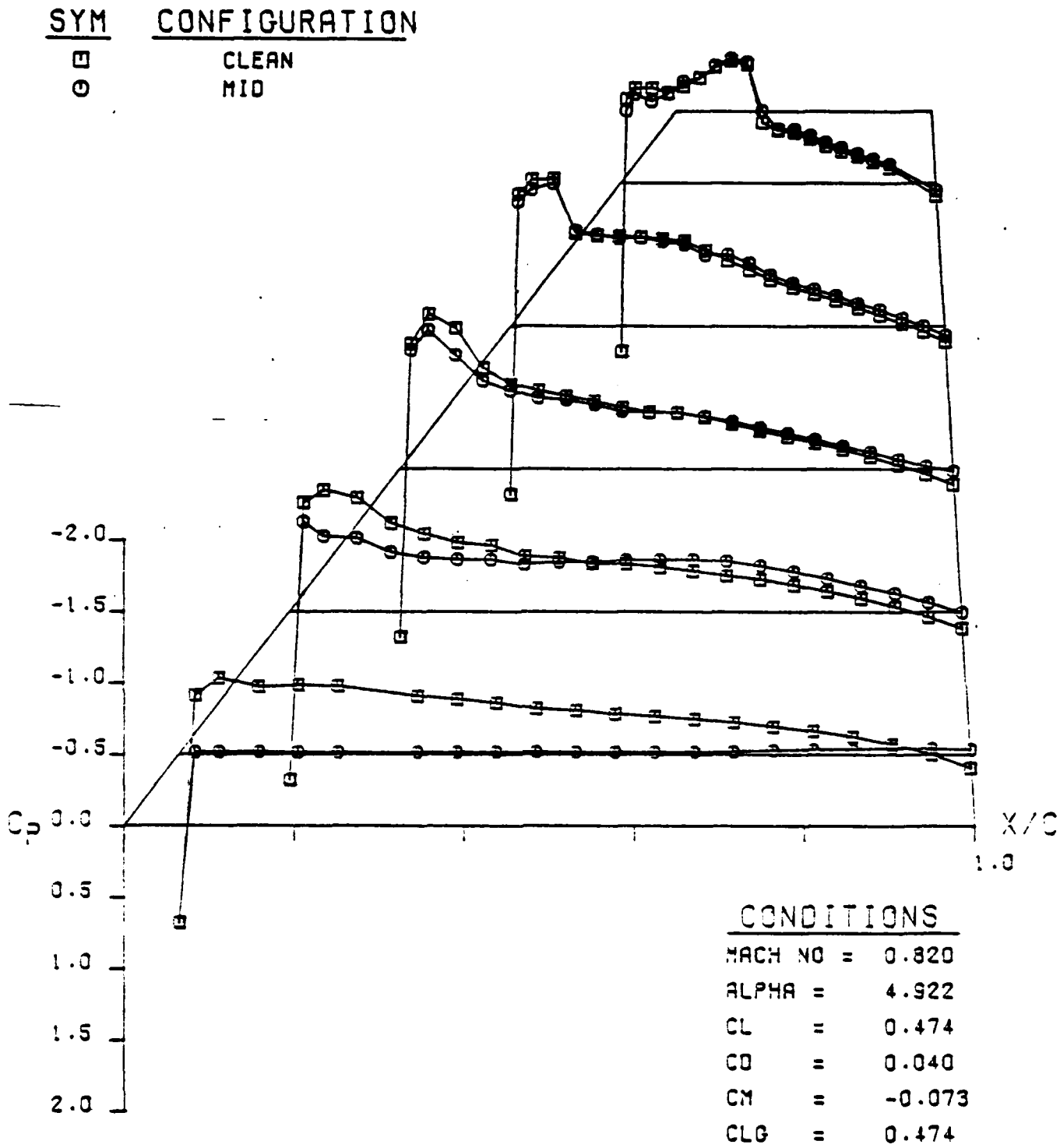
LOCKHEED CFWT SEMI-SPAN TEST. RUN 30
CLN VS HIGH (LWR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



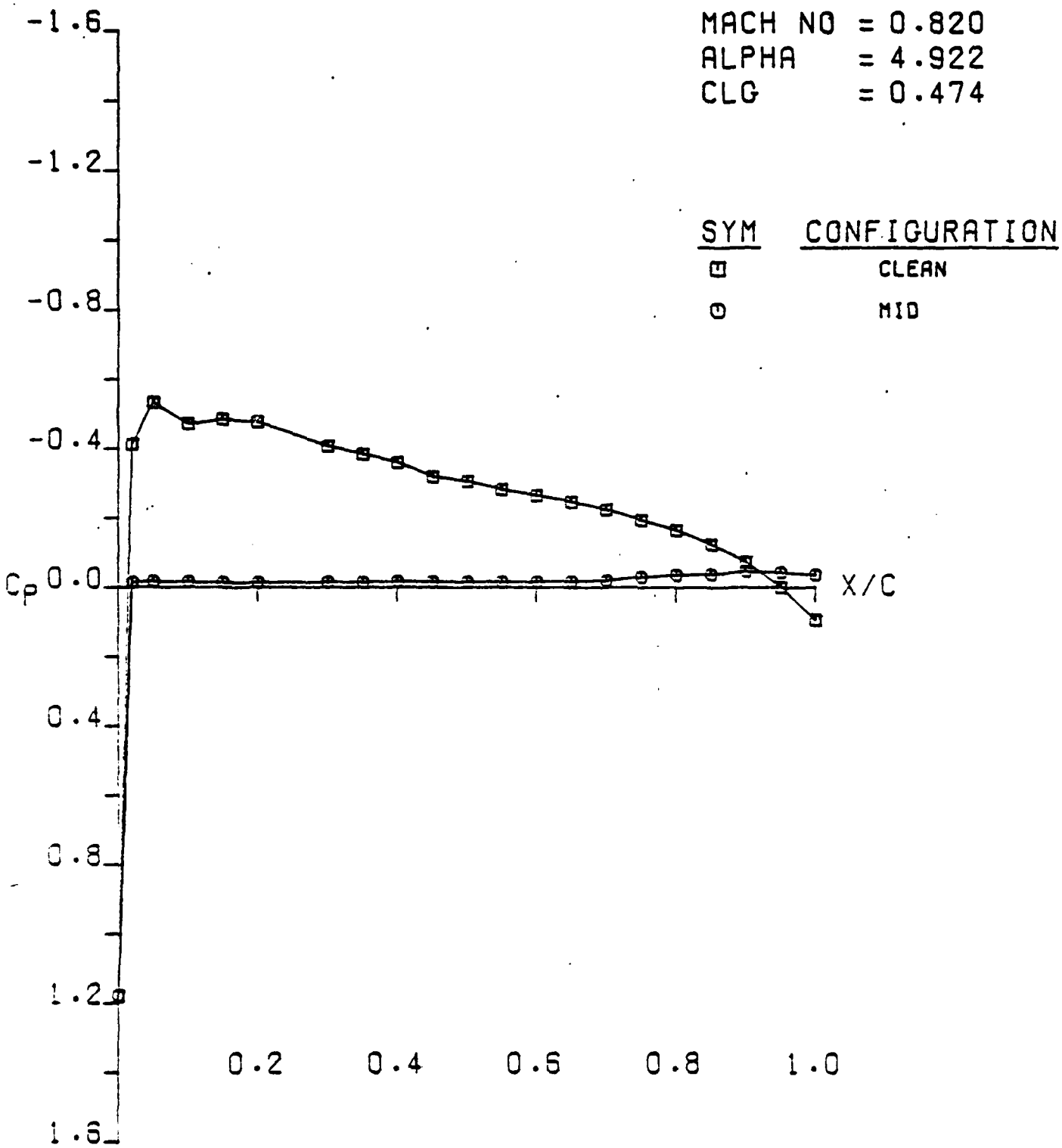
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS HIGH (LWR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



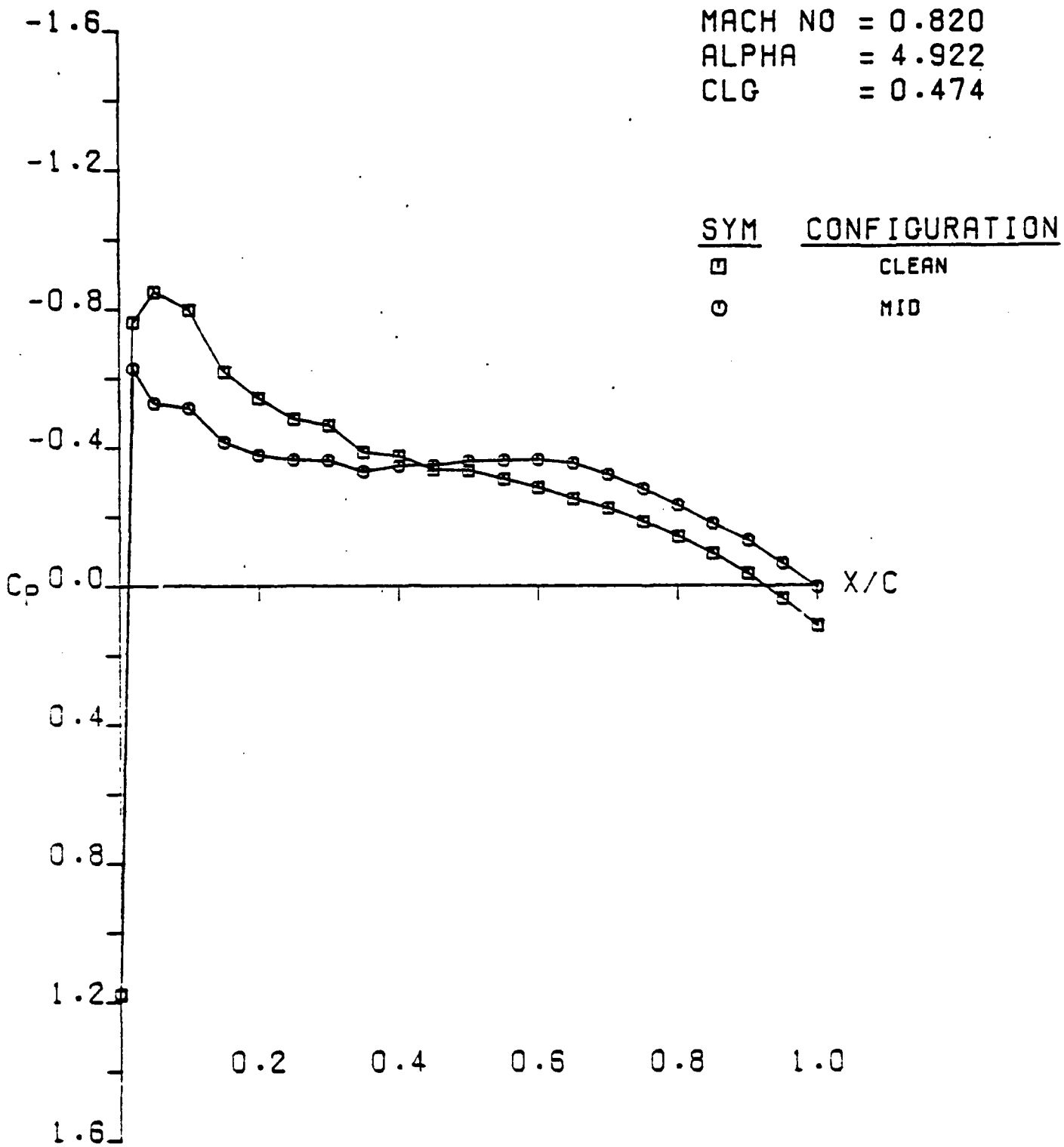
LOCKHEED CFWT SEMI-SPAN TEST. RUN 30
CLN VS HIGH (LWR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



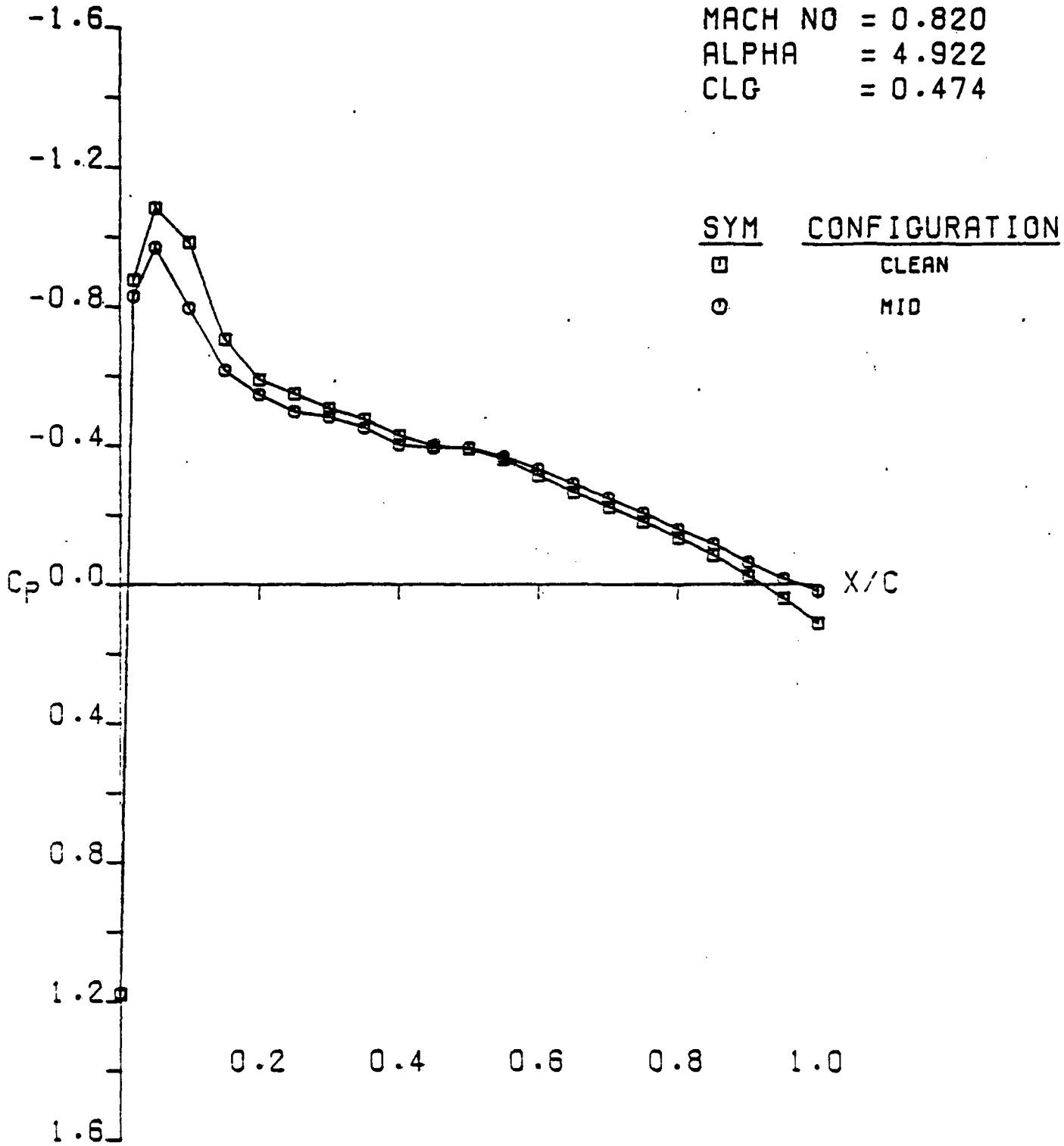
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS MID - NO SEAL (UPR SURF)
NUMERICALLY OPTIMIZED WING C



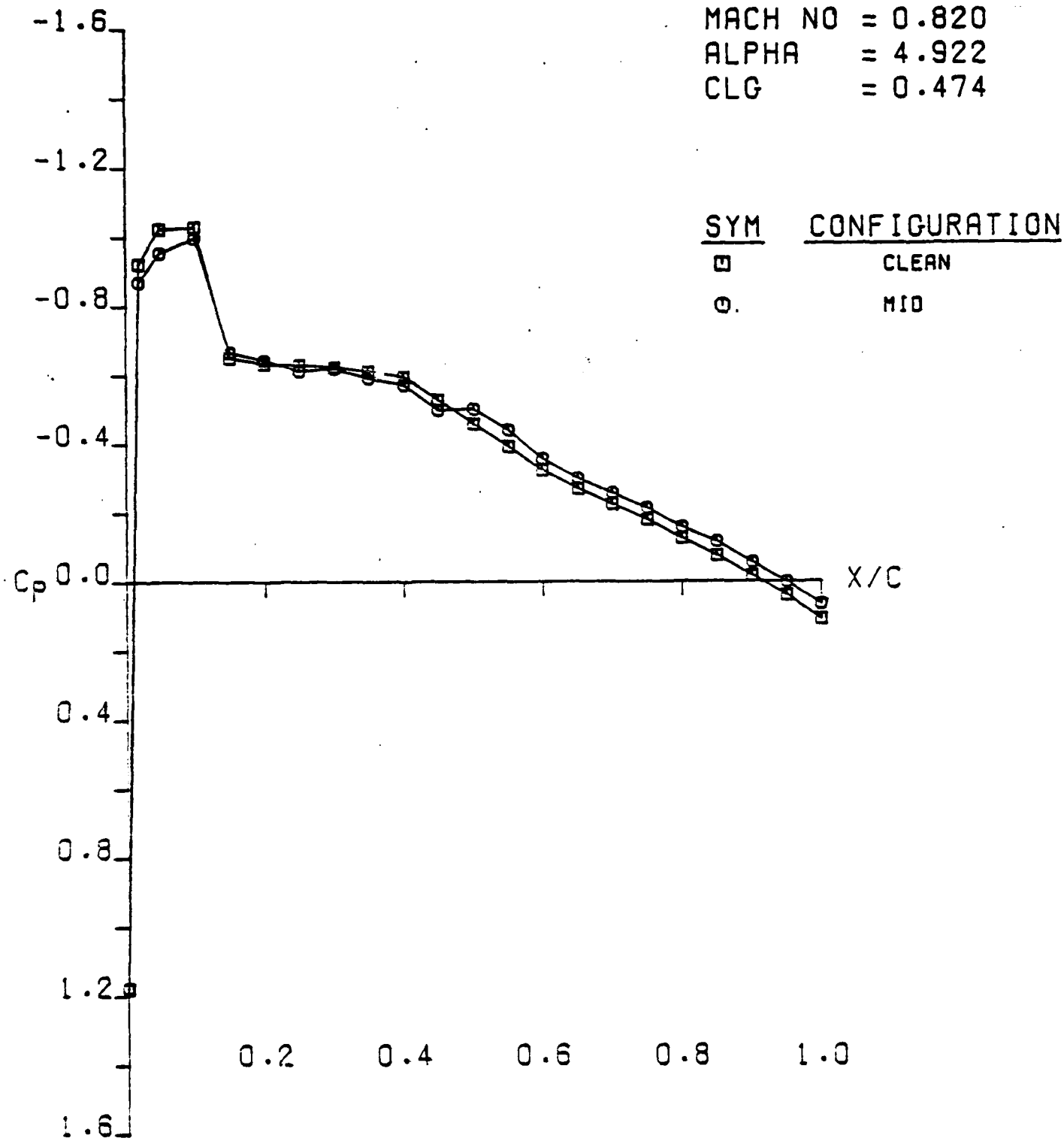
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS MID - NO SEAL (UPR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



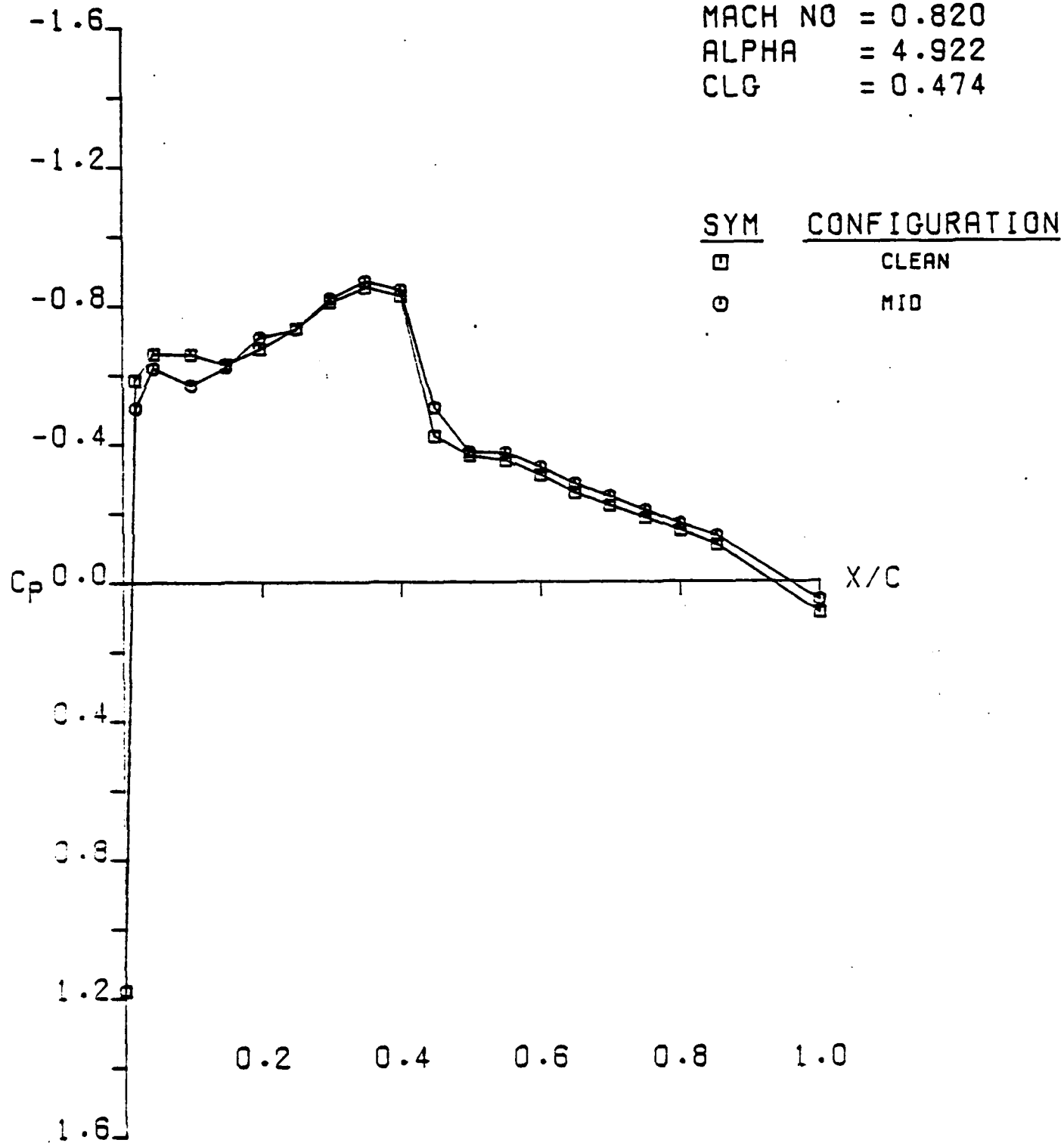
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS MID - NO SEAL (UPR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



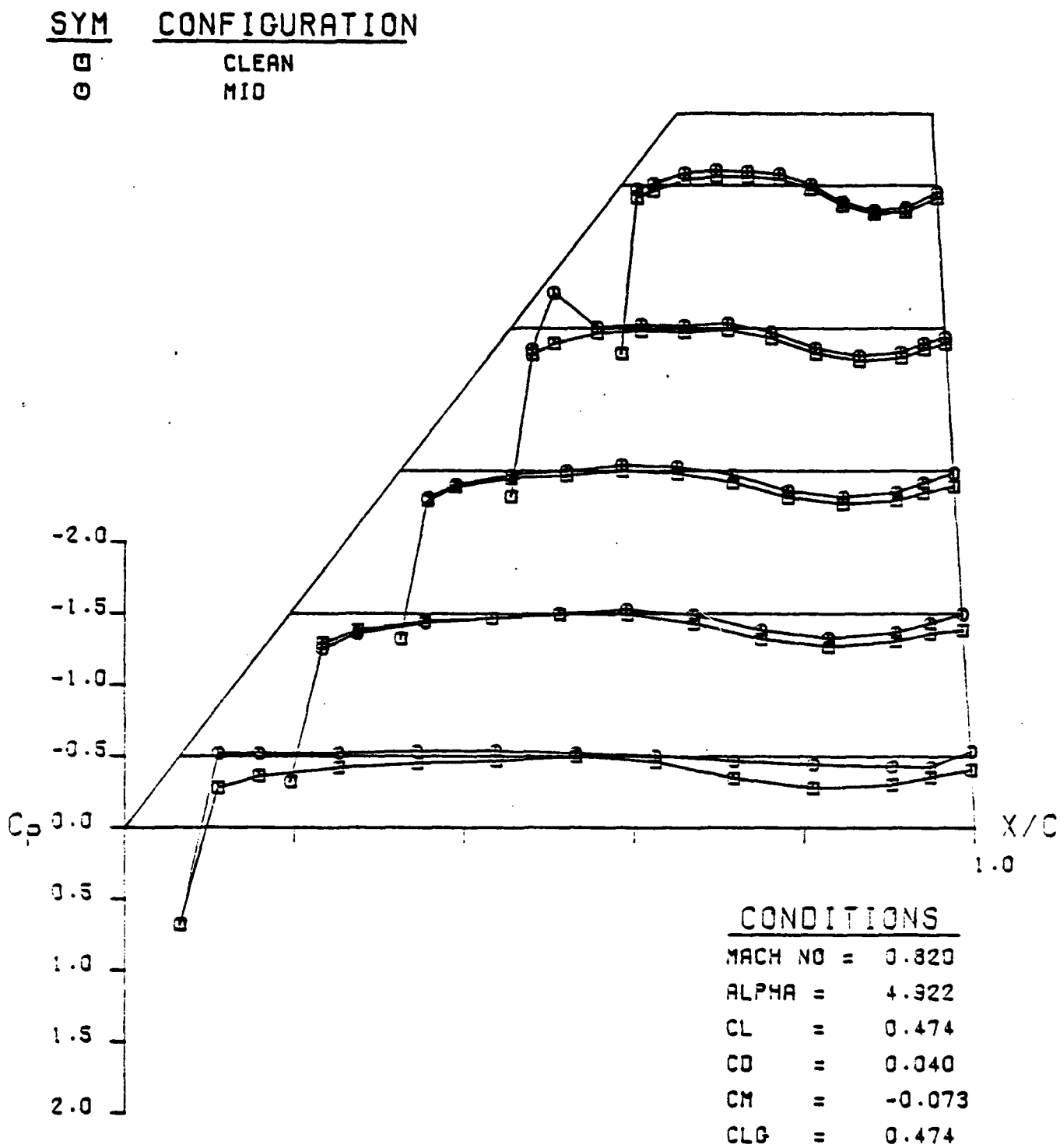
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS MID - NO SEAL (UPR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



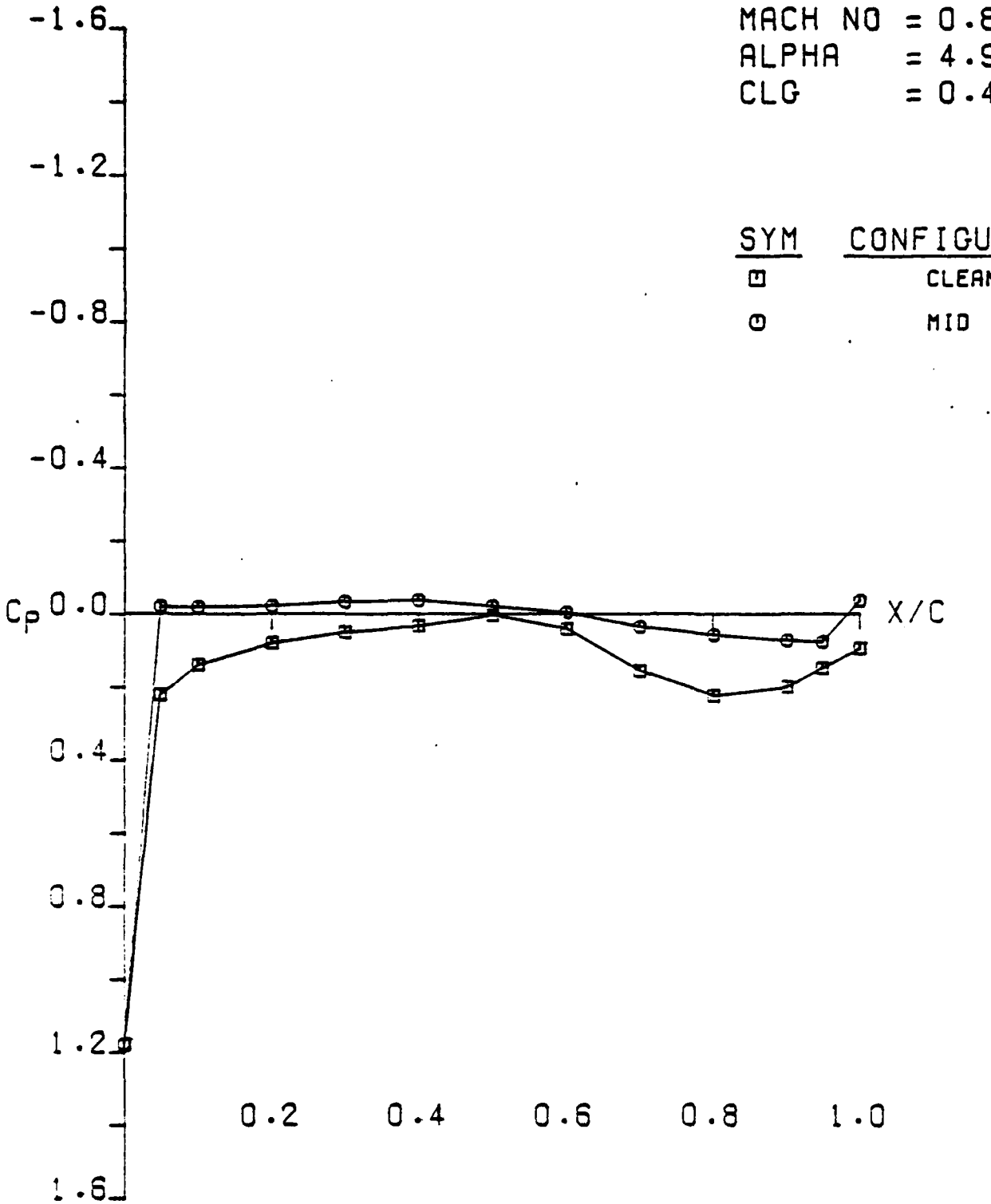
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS MID - NO SEAL (UPR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



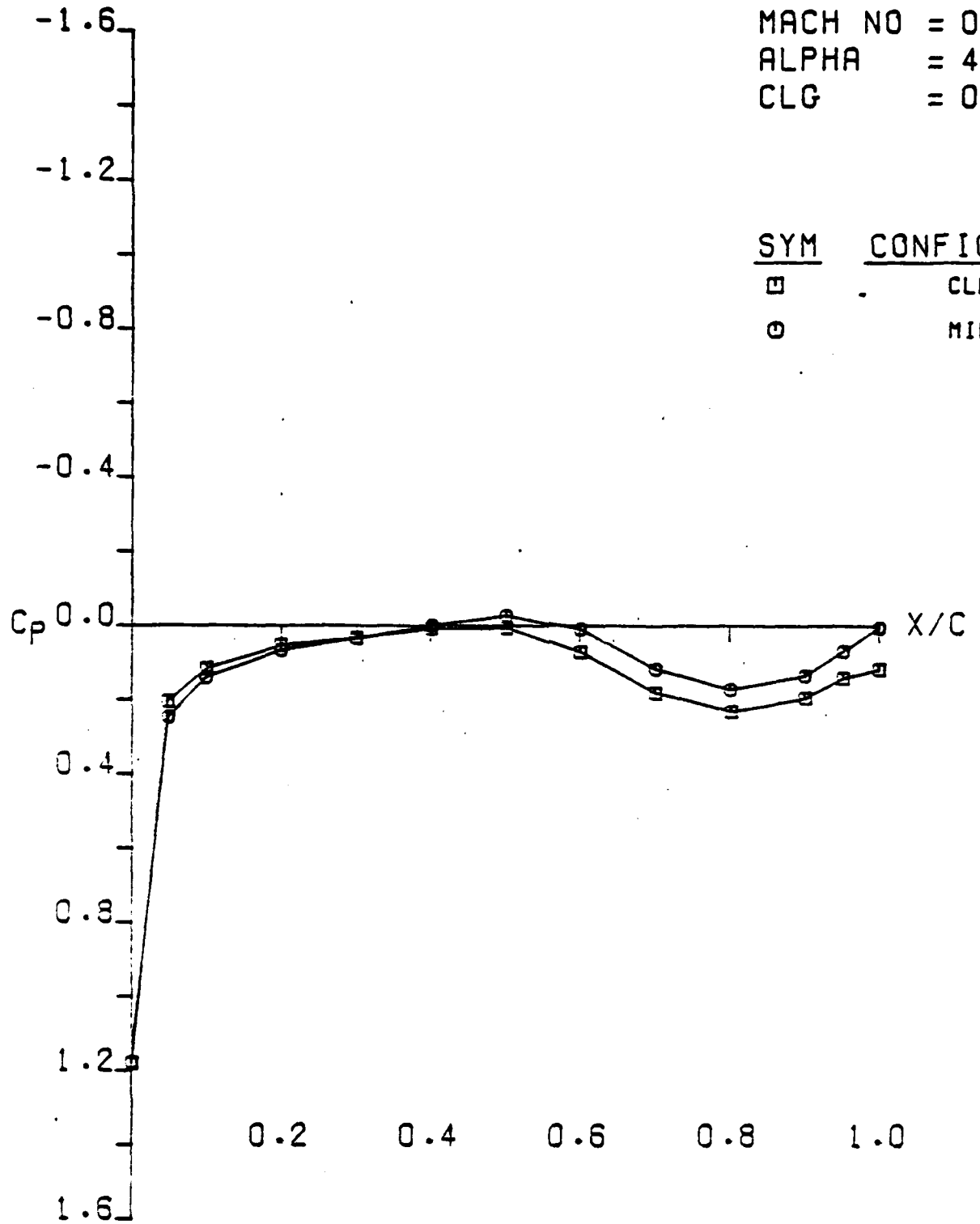
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS MID - NO SEAL (UPR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



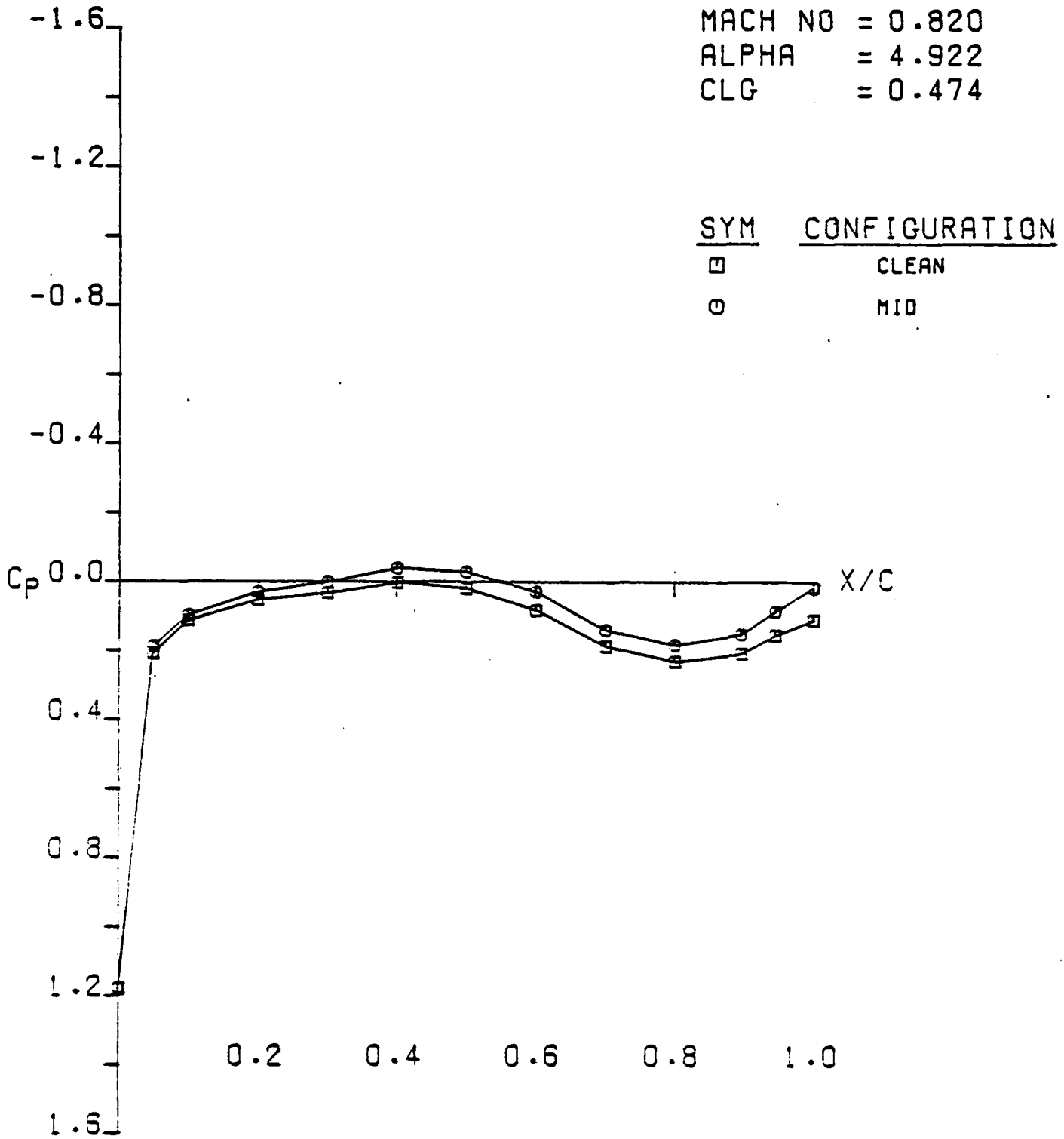
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS MID - NO SEAL (LWR SURF)
NUMERICALLY OPTIMIZED WING C



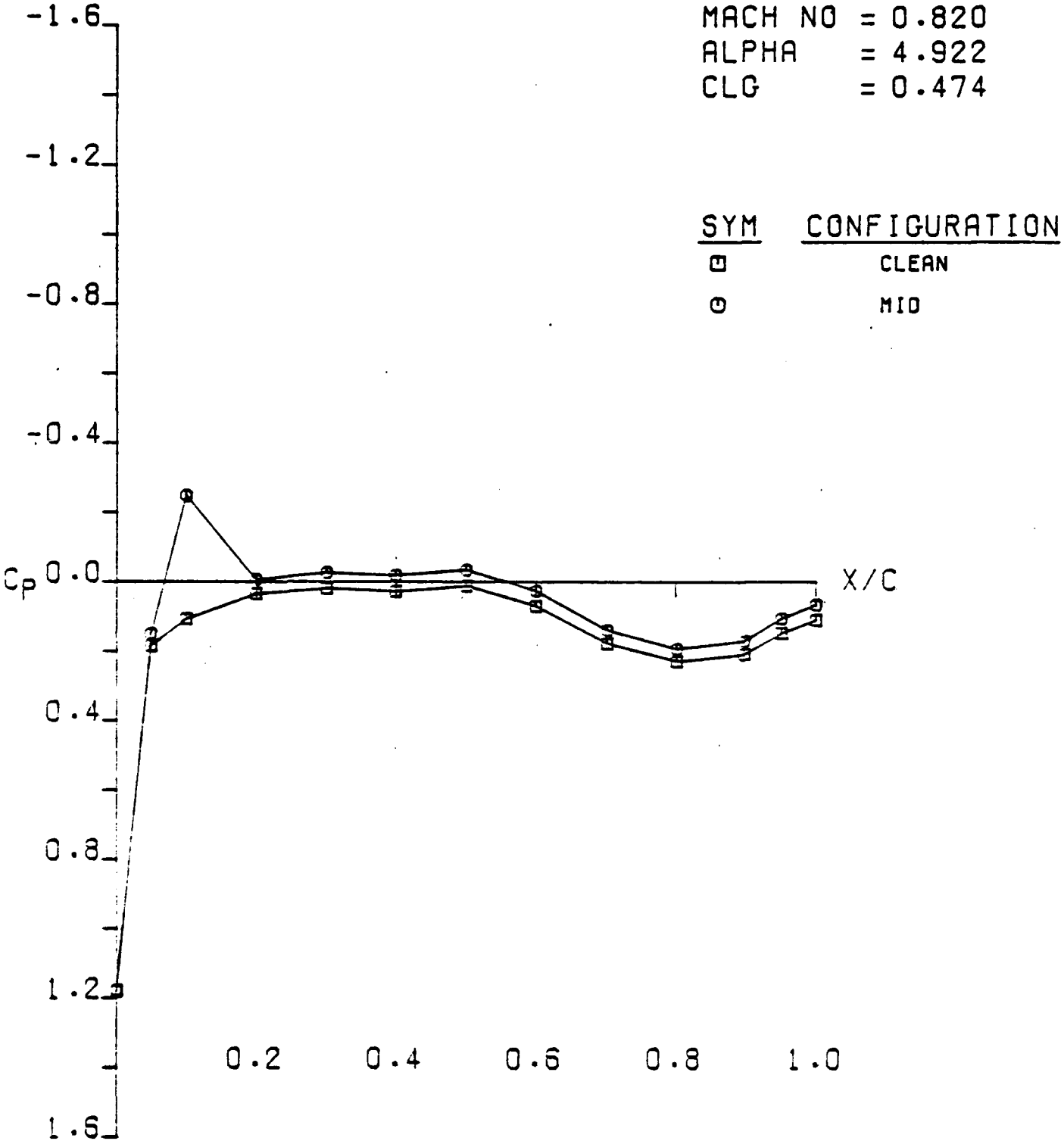
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS MID - NO SEAL (LWR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



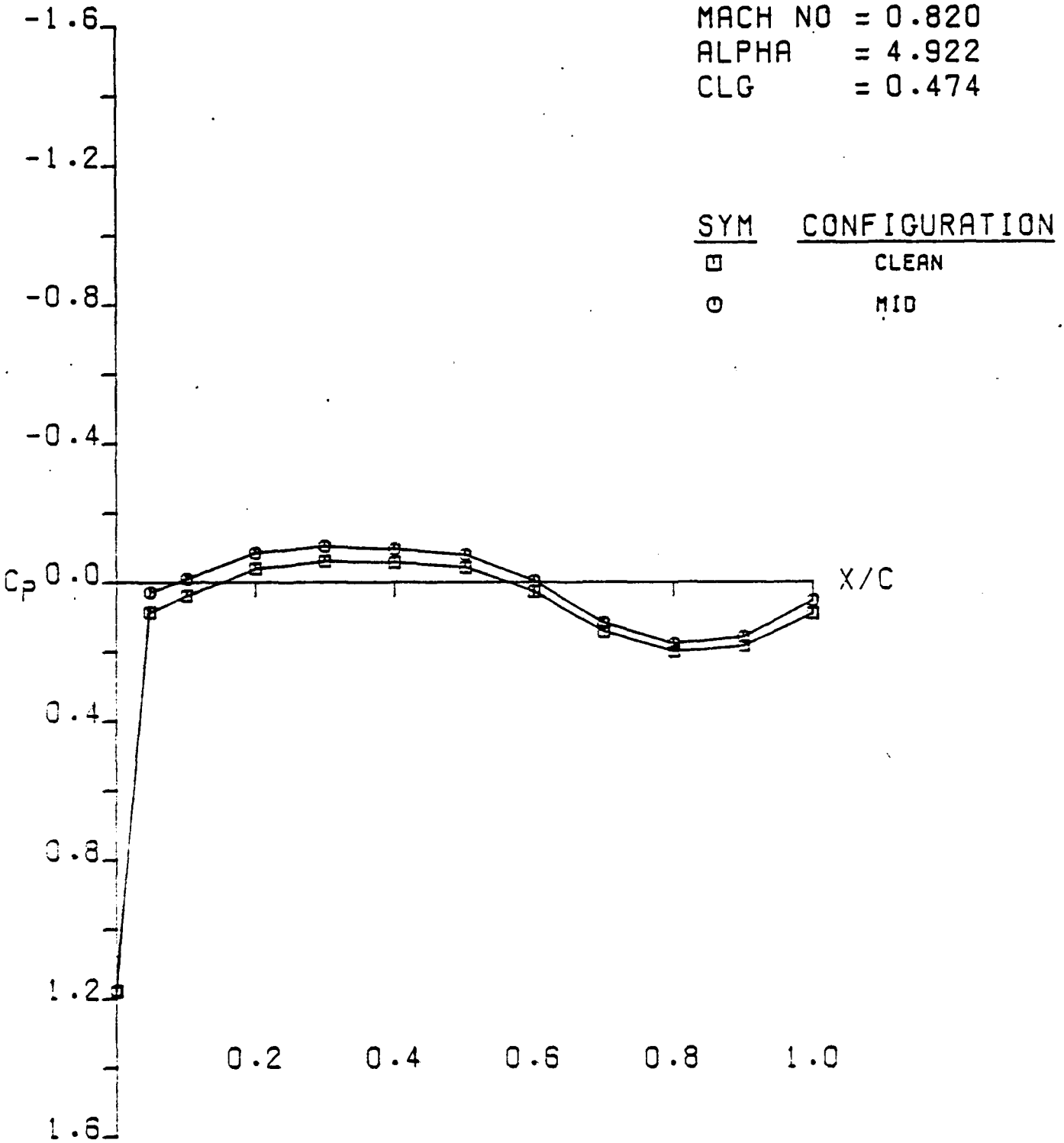
LOCKHEED CFWT SEMI-SPAN TEST. RUN 30
CLN VS MID - NO SEAL (LWR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



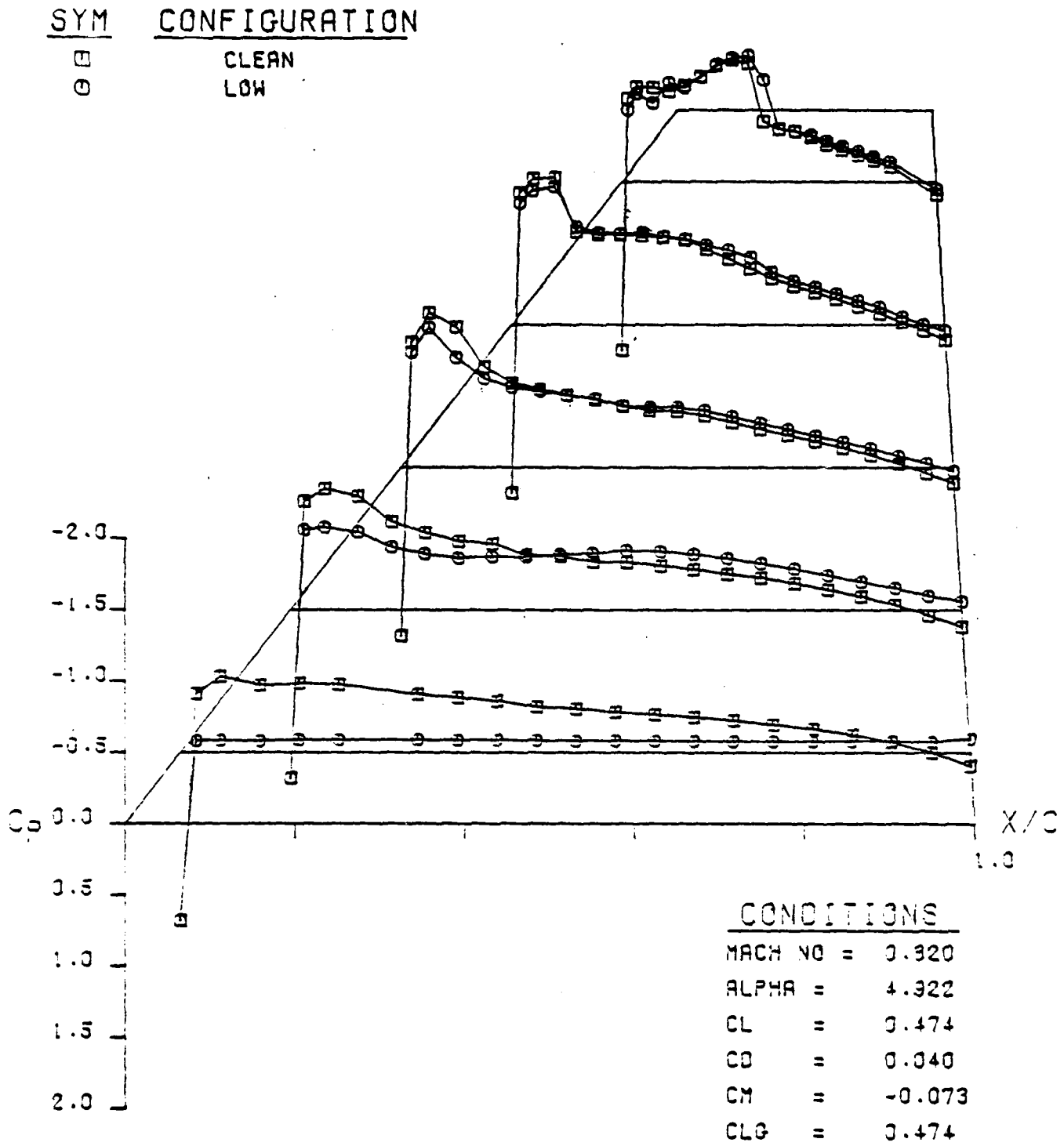
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS MID - NO SEAL (LWR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



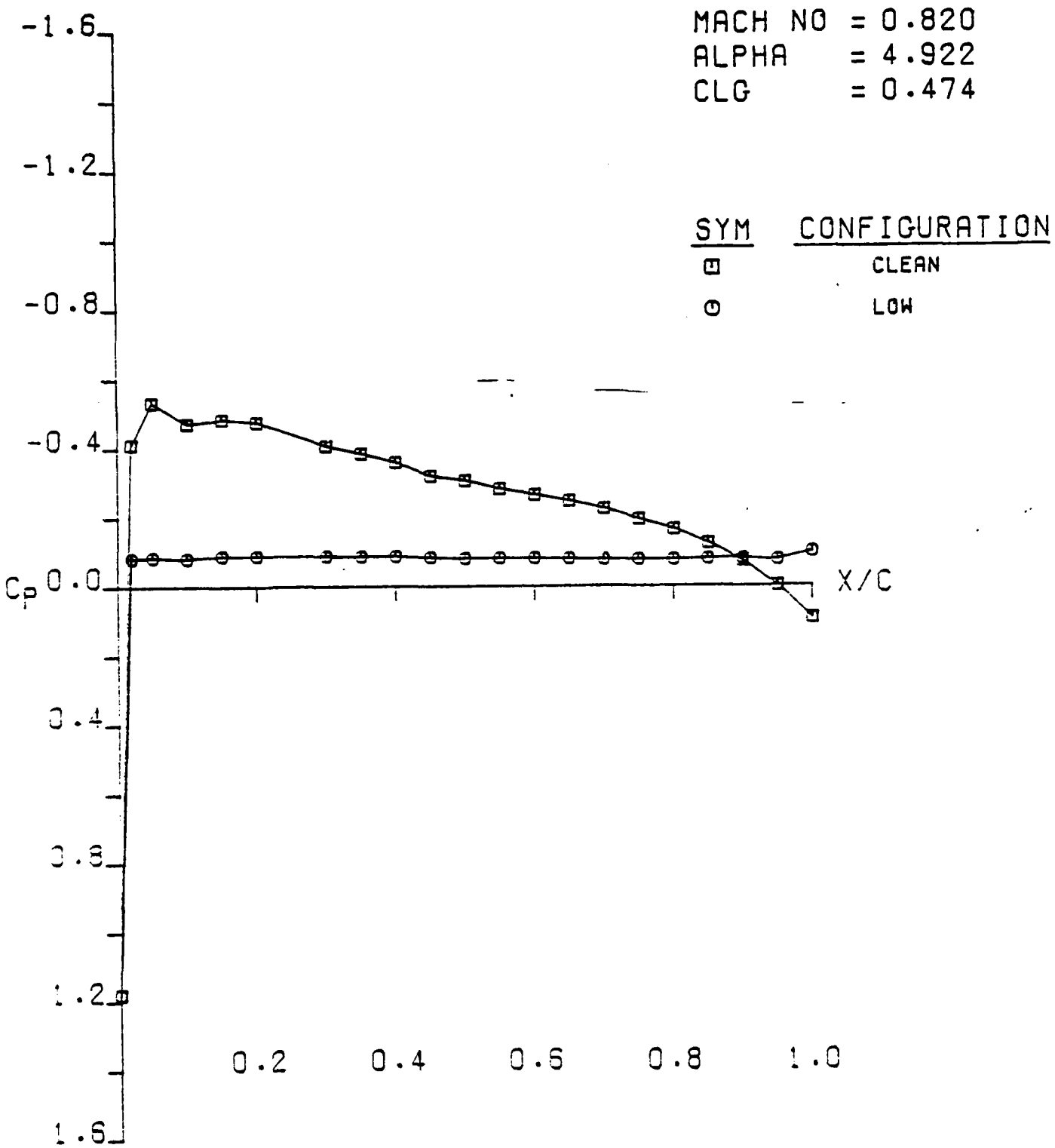
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS MID - NO SEAL (LWR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



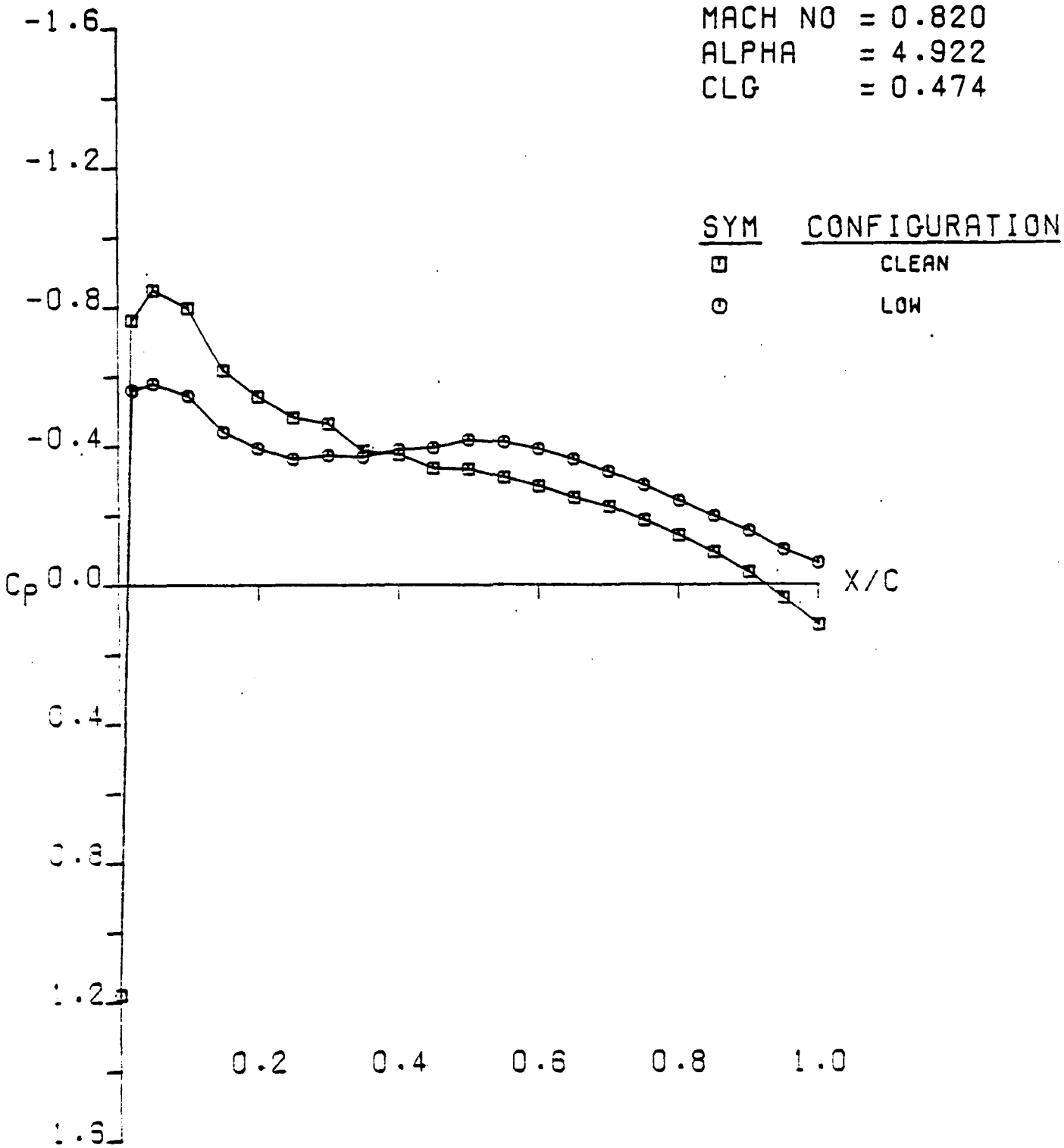
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS MID - NO SEAL (LWR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



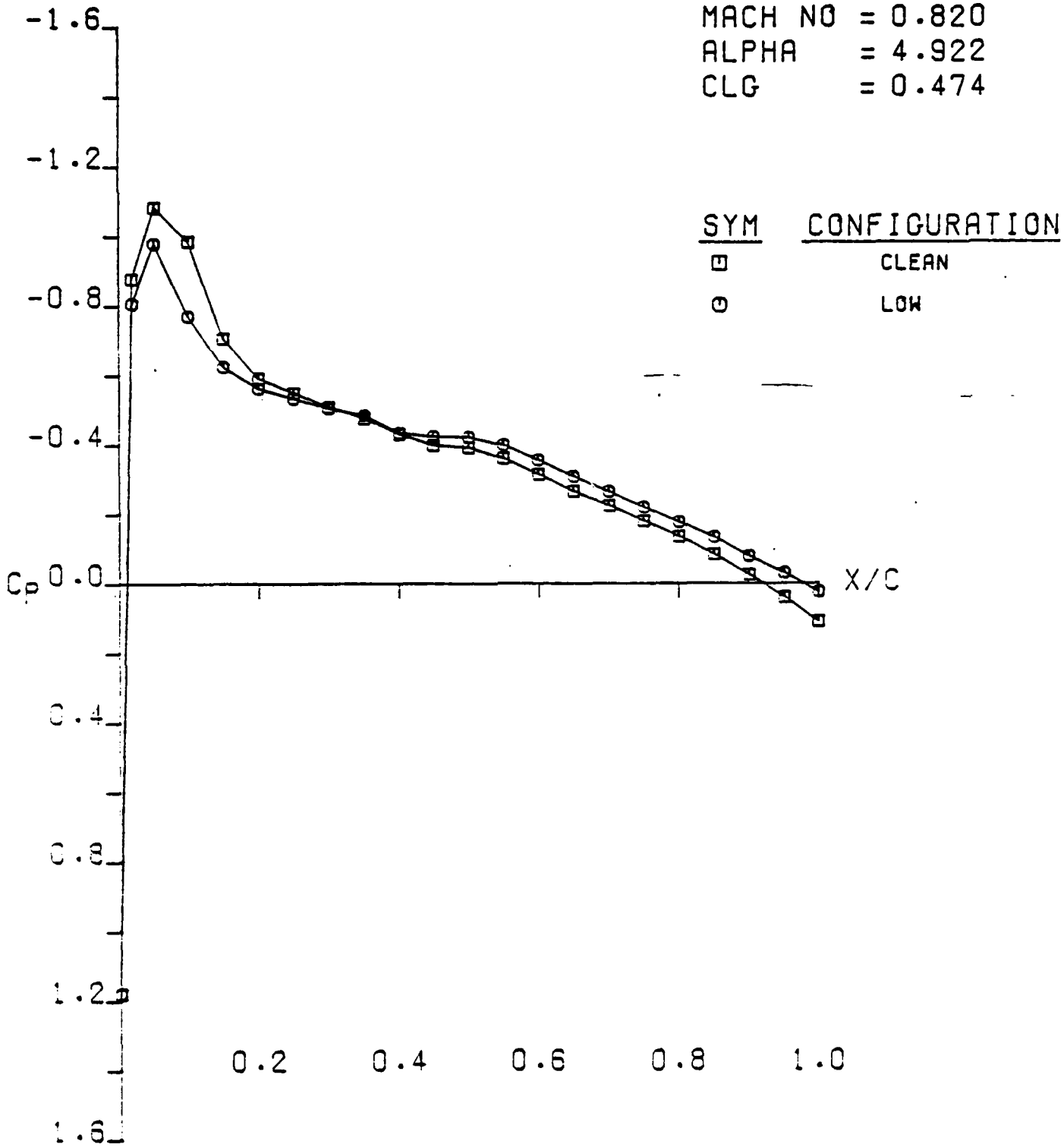
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS LOW (UPR SURF)
NUMERICALLY OPTIMIZED WING C



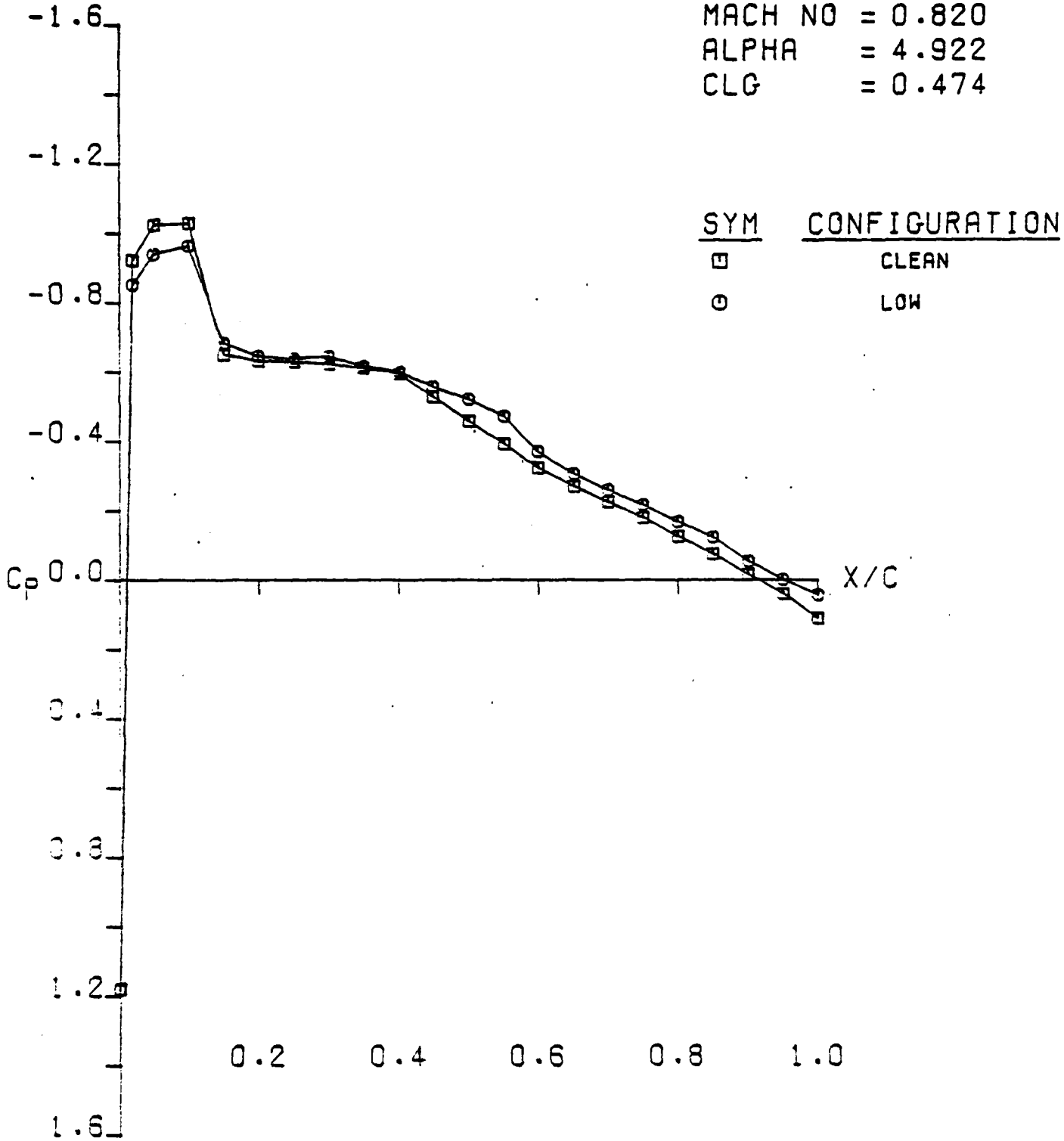
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS LOW (UPR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



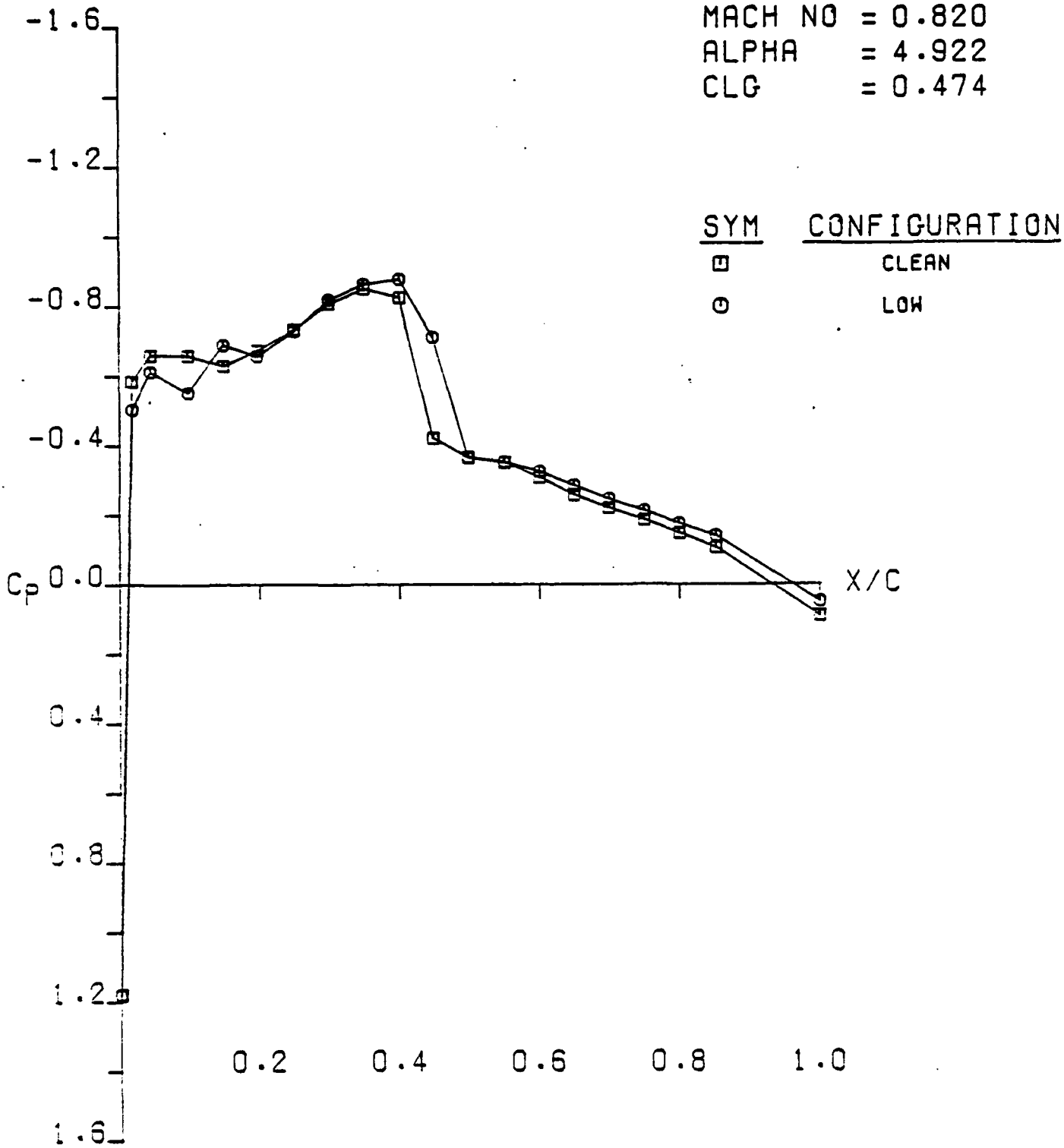
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS LOW (UPR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



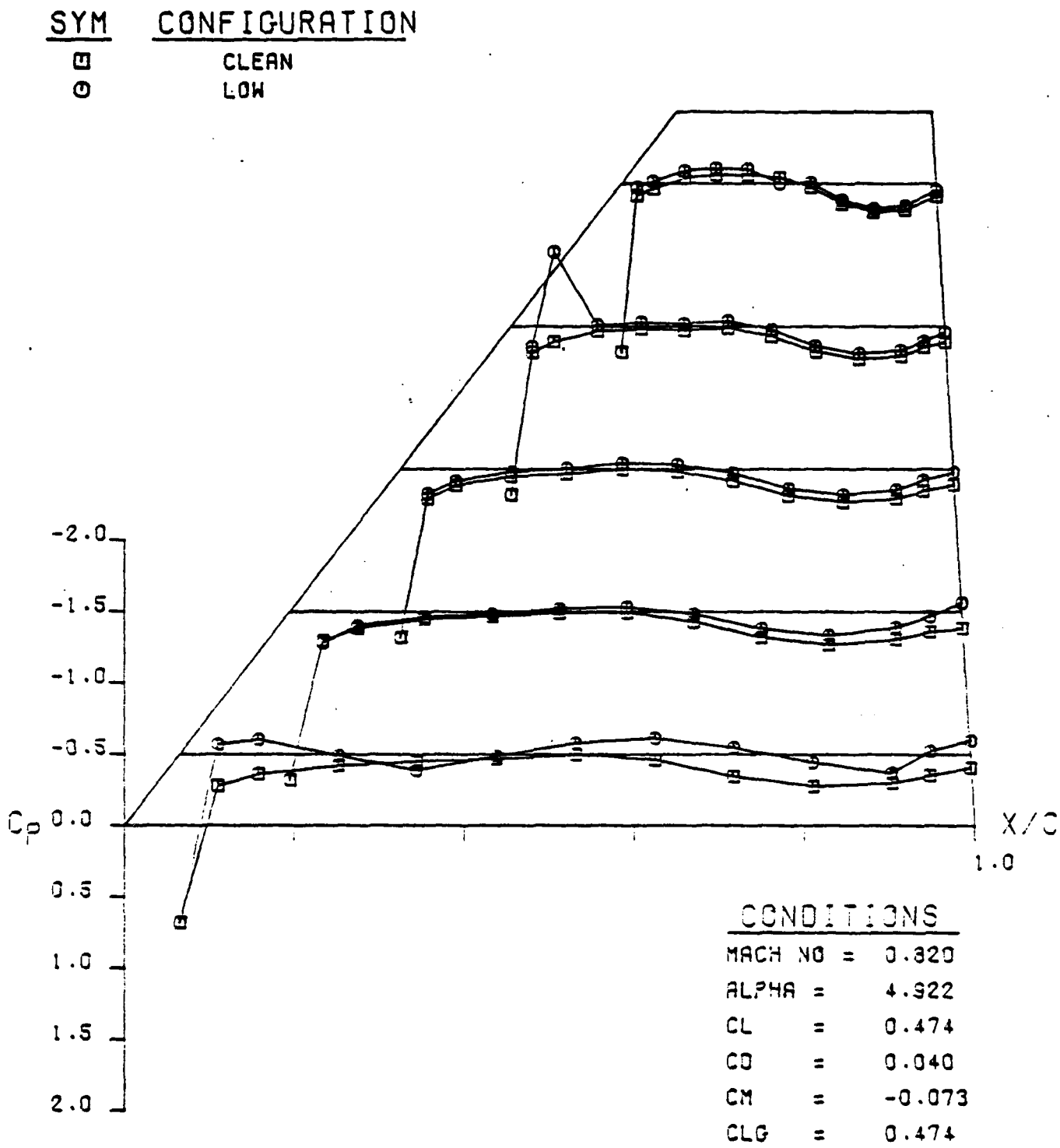
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS LOW (UPR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



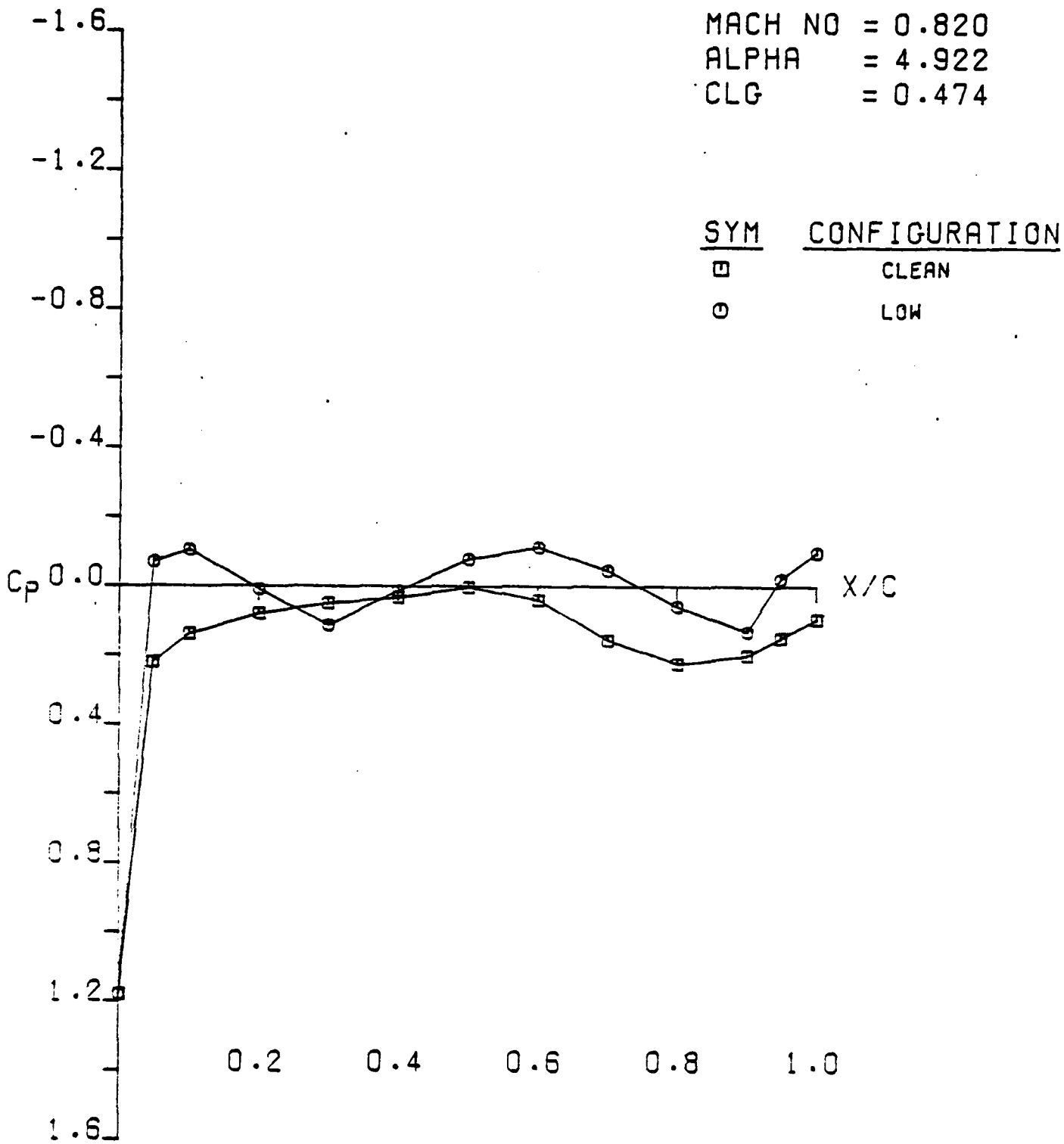
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS LOW (UPR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



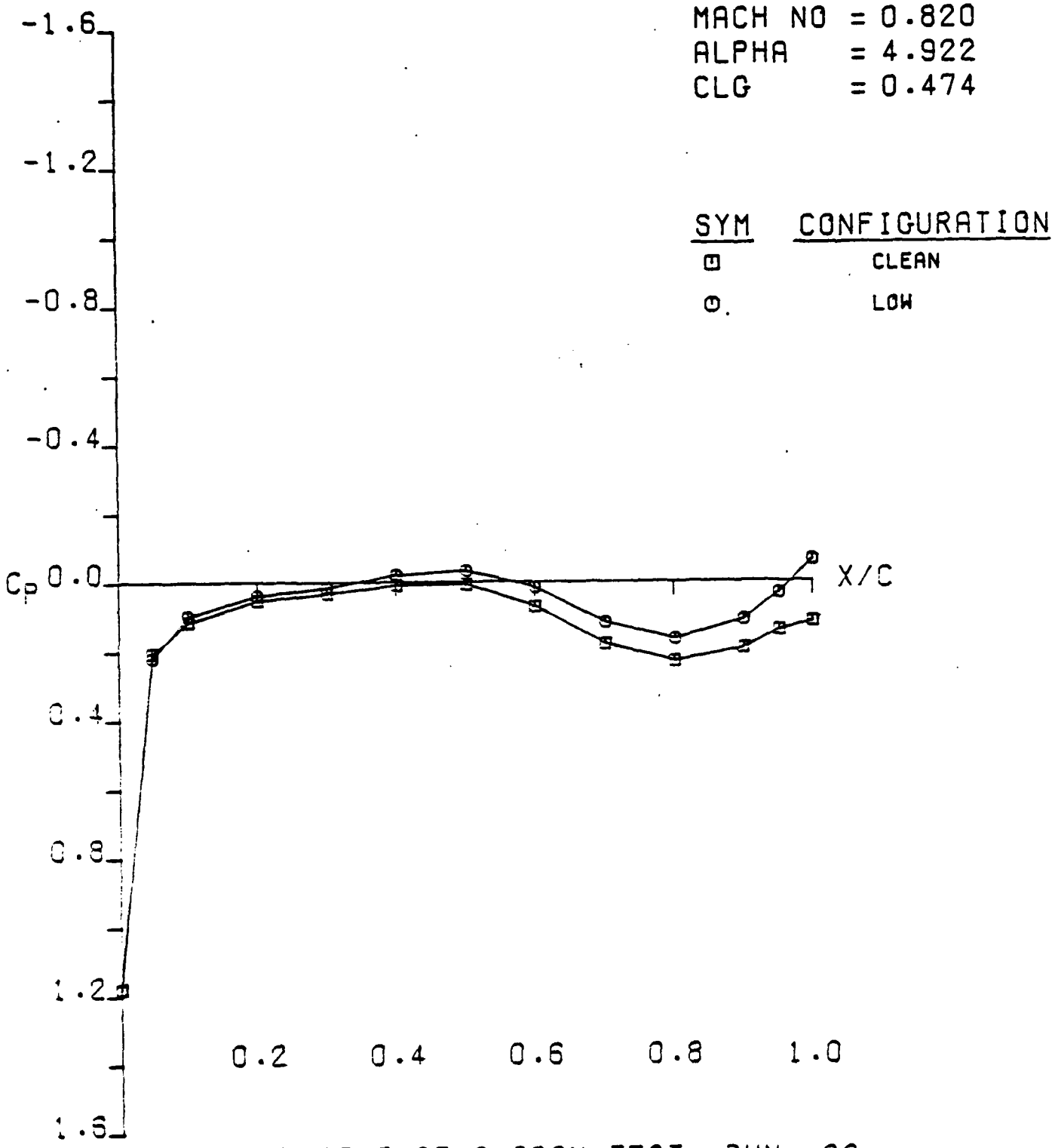
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS LOW (UPR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



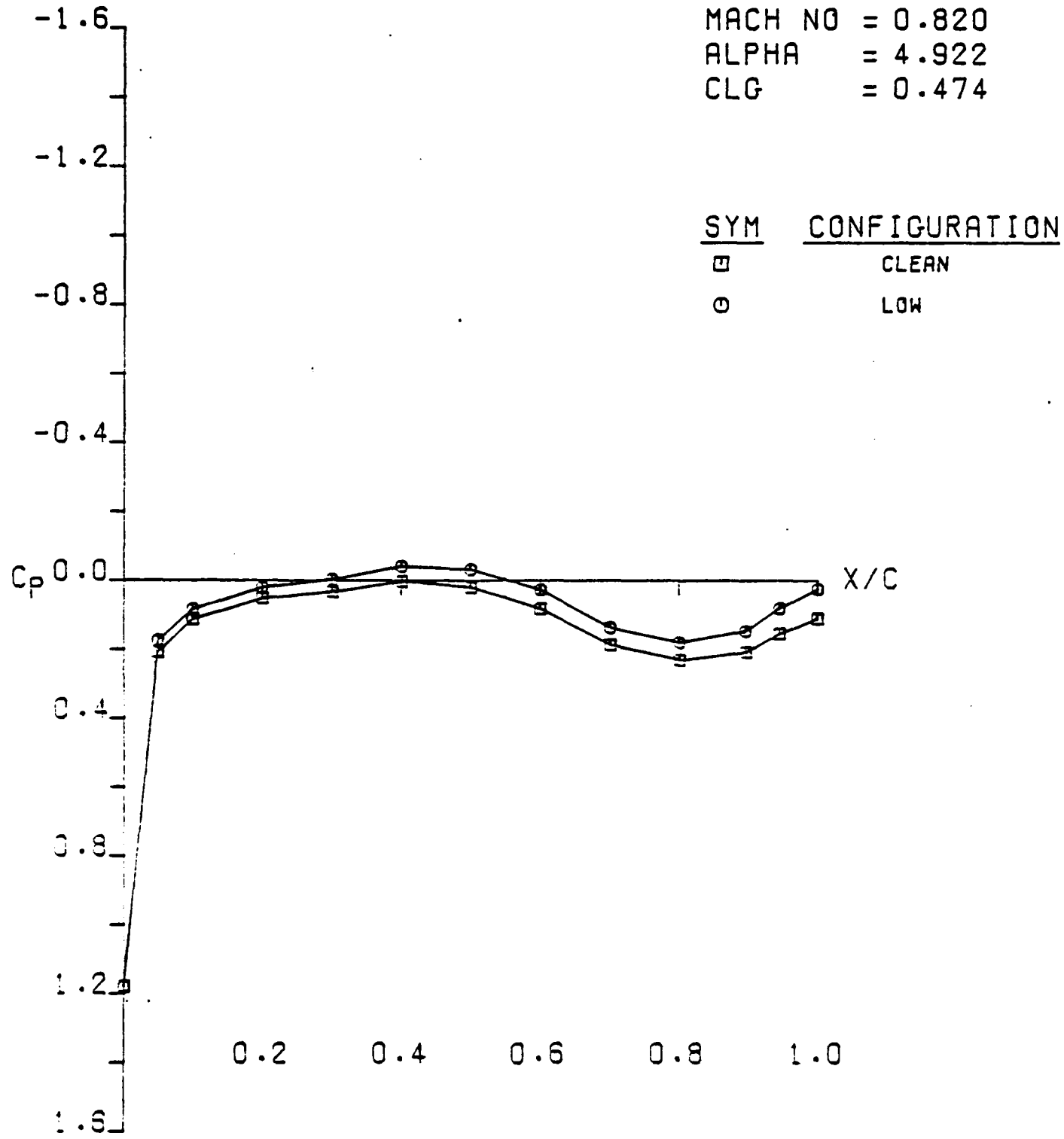
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS LOW (LWR SURF)
NUMERICALLY OPTIMIZED WING C



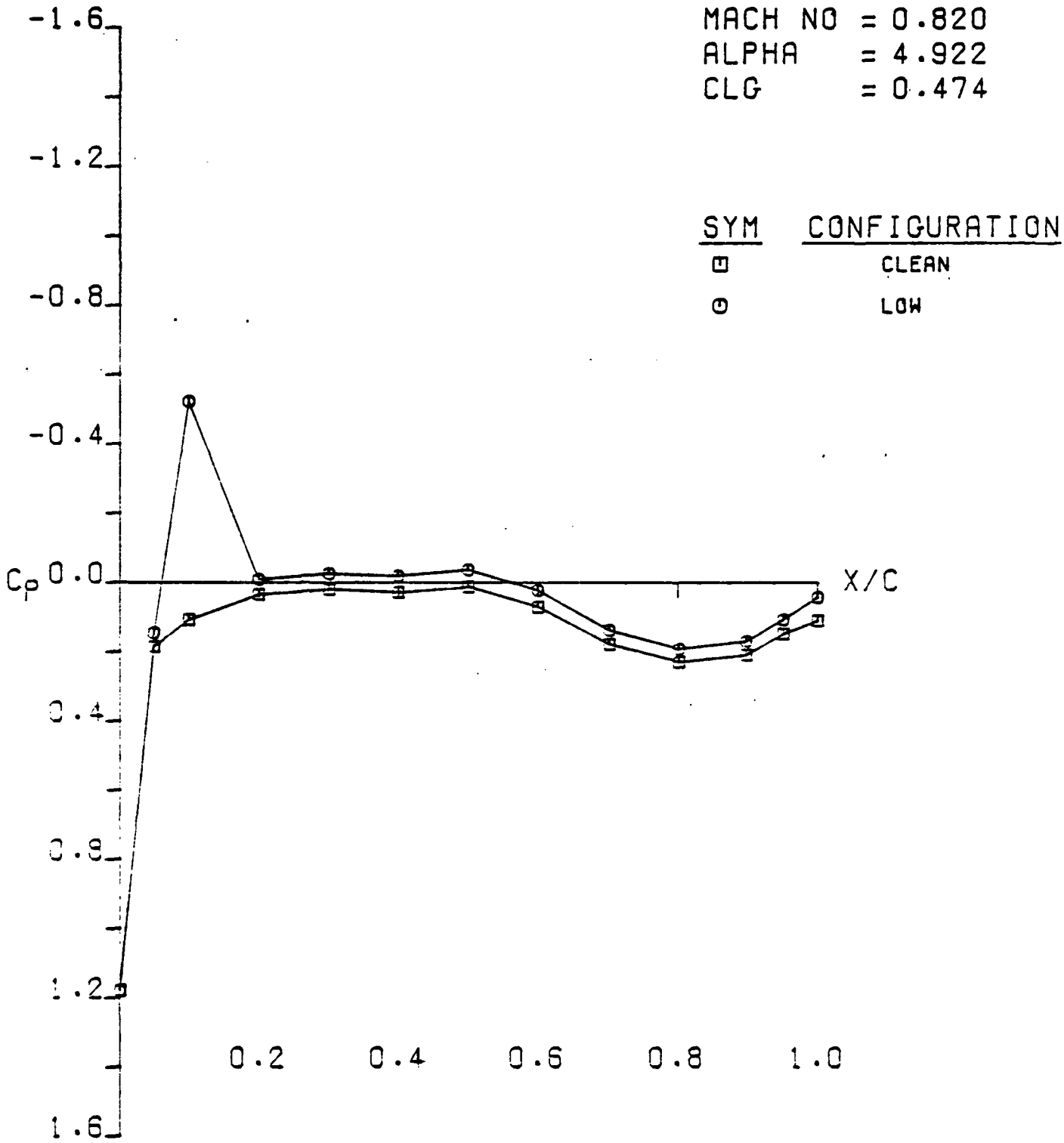
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS LOW (LWR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



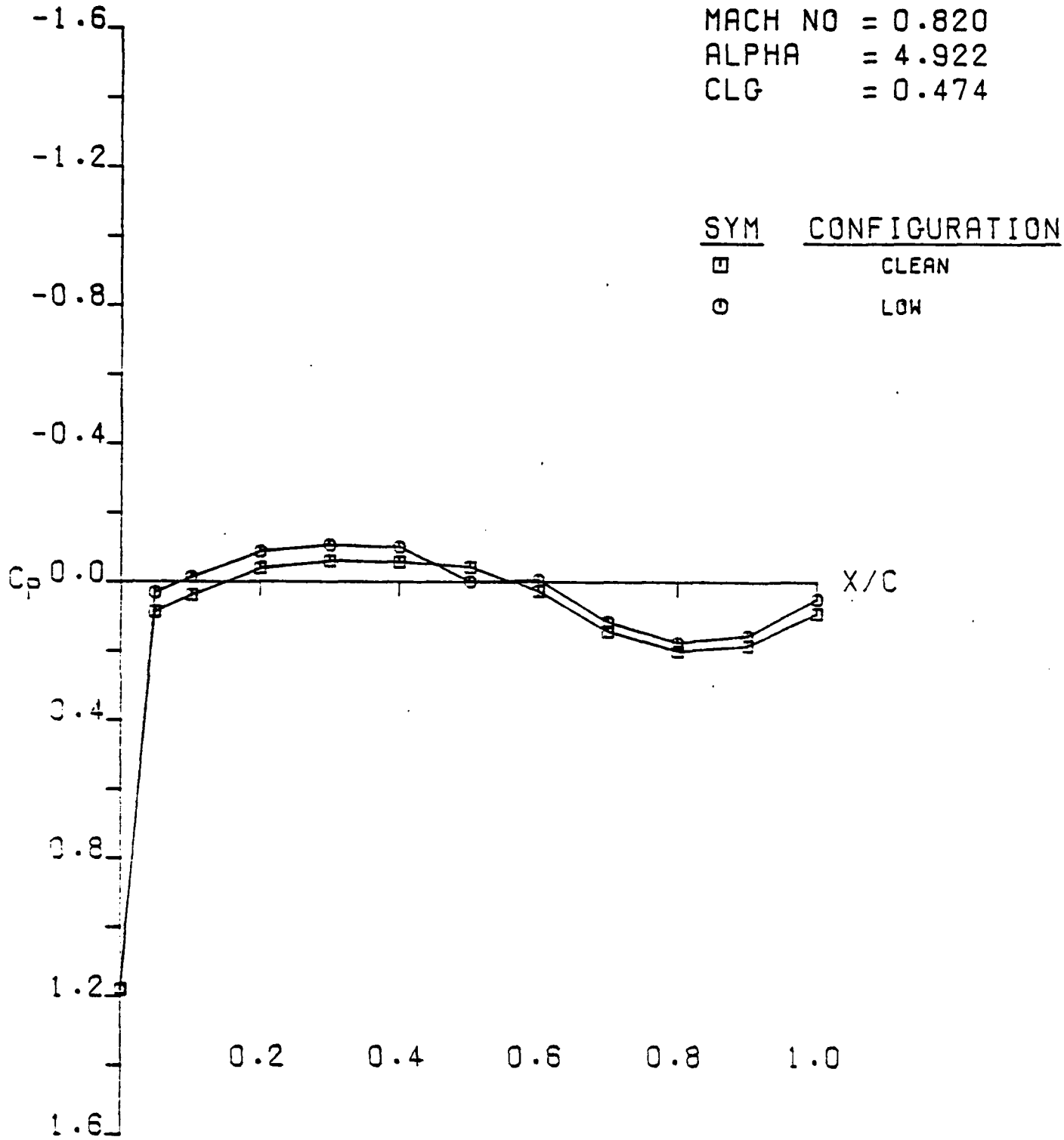
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS LOW (LWR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



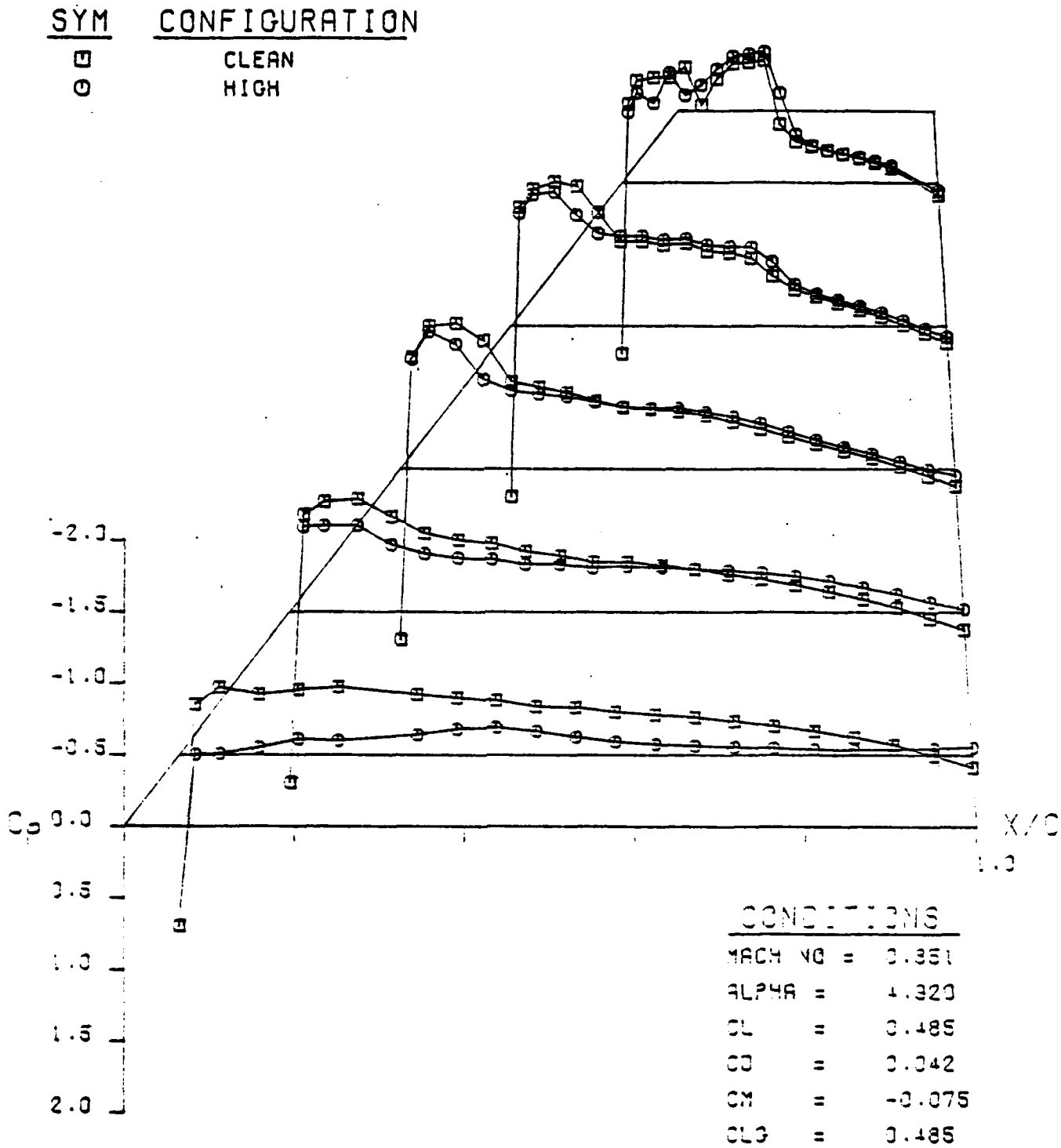
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS LOW (LWR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



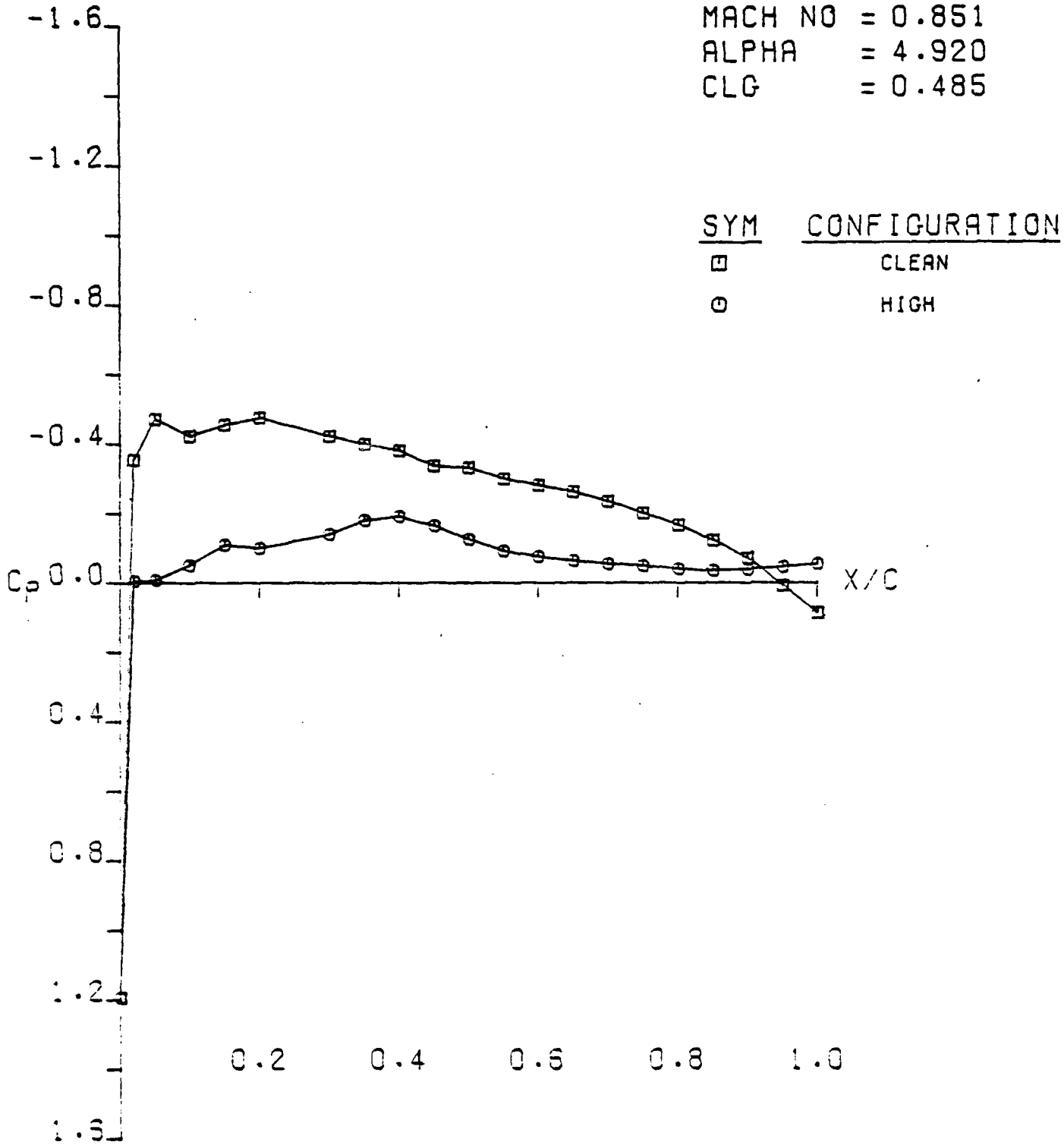
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS LOW (LWR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



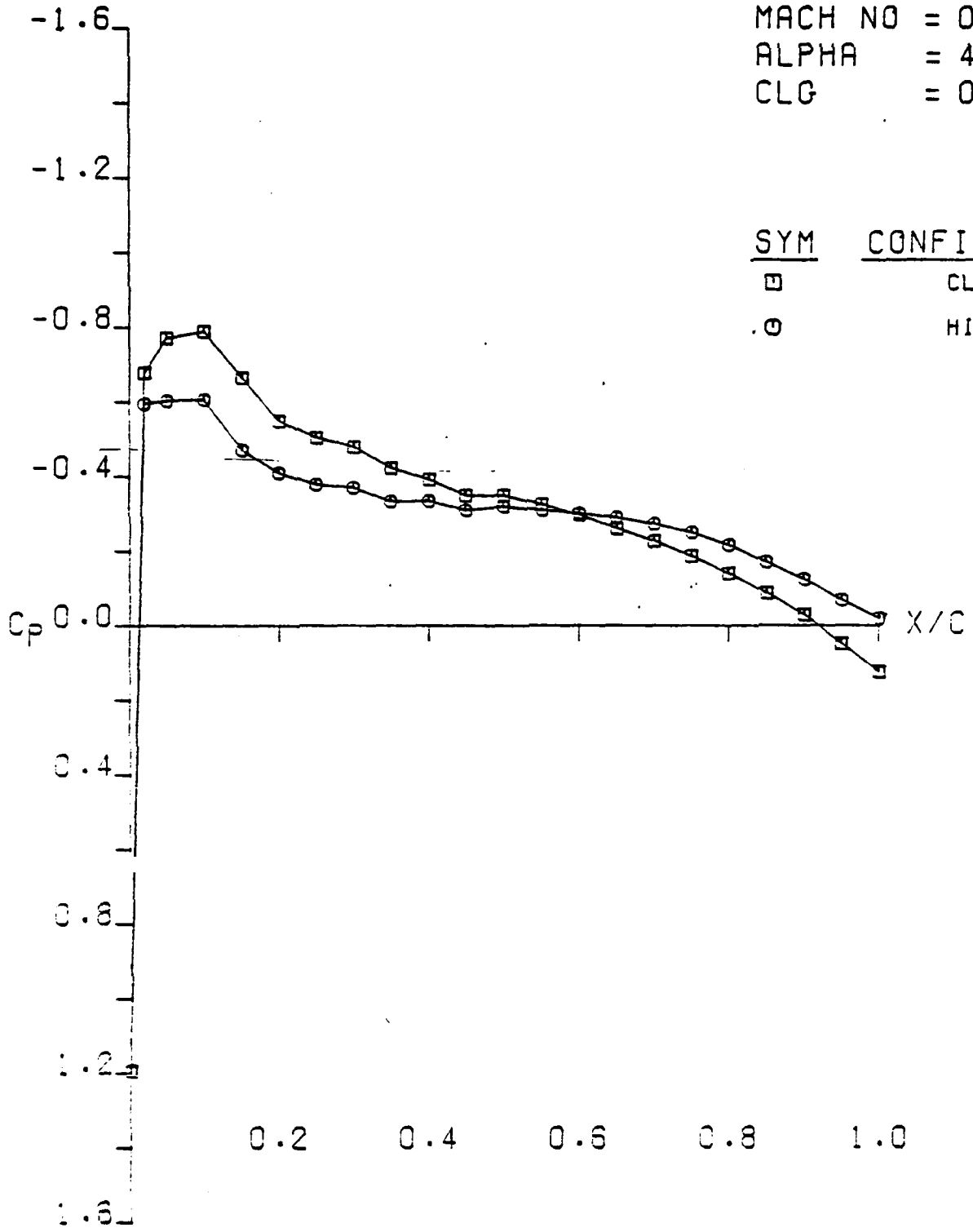
LOCKHEED CFWT SEMI-SPAN TEST, RUN 30
CLN VS LOW (LWR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



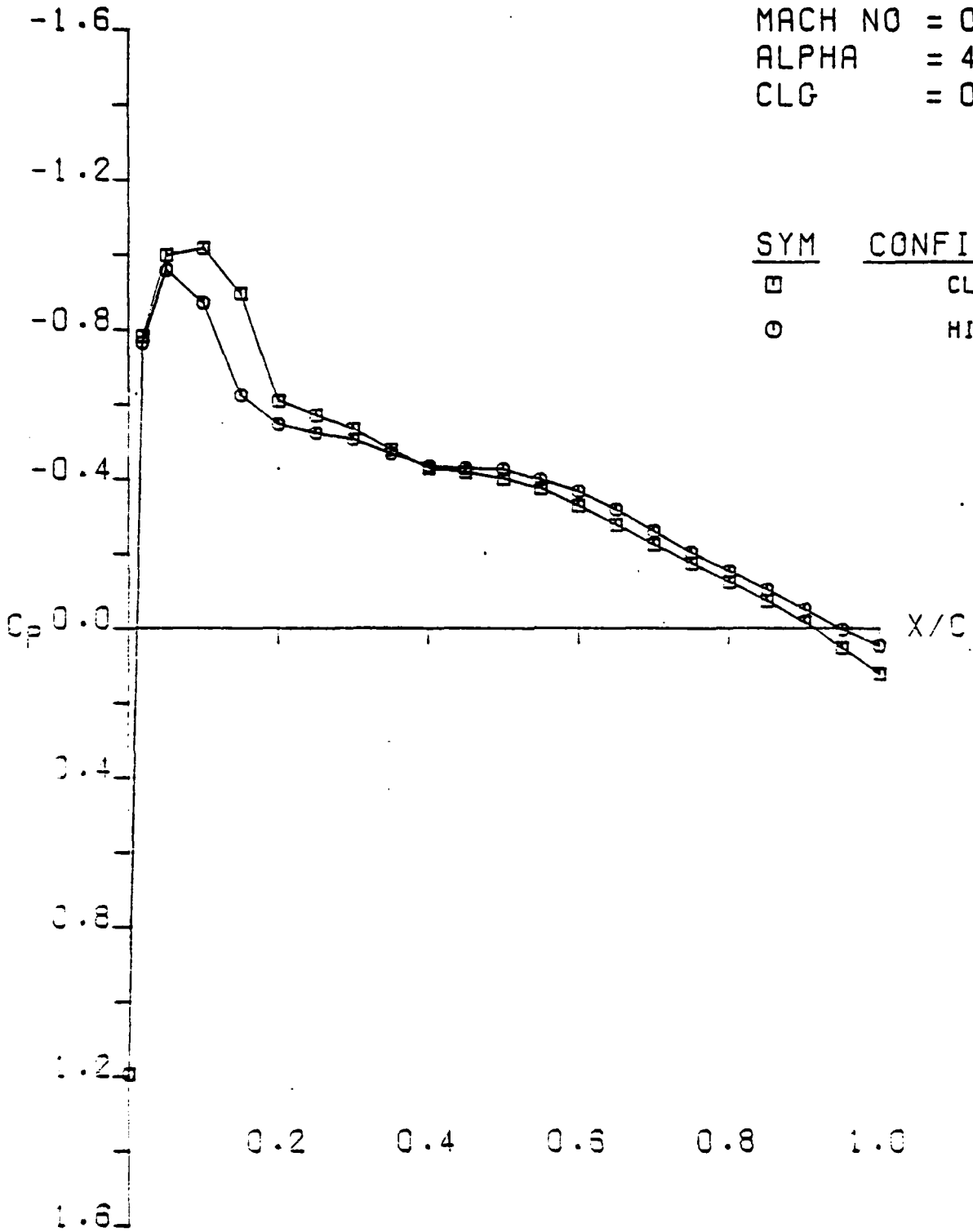
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS HIGH (UPR SURF)
NUMERICALLY OPTIMIZED WING C



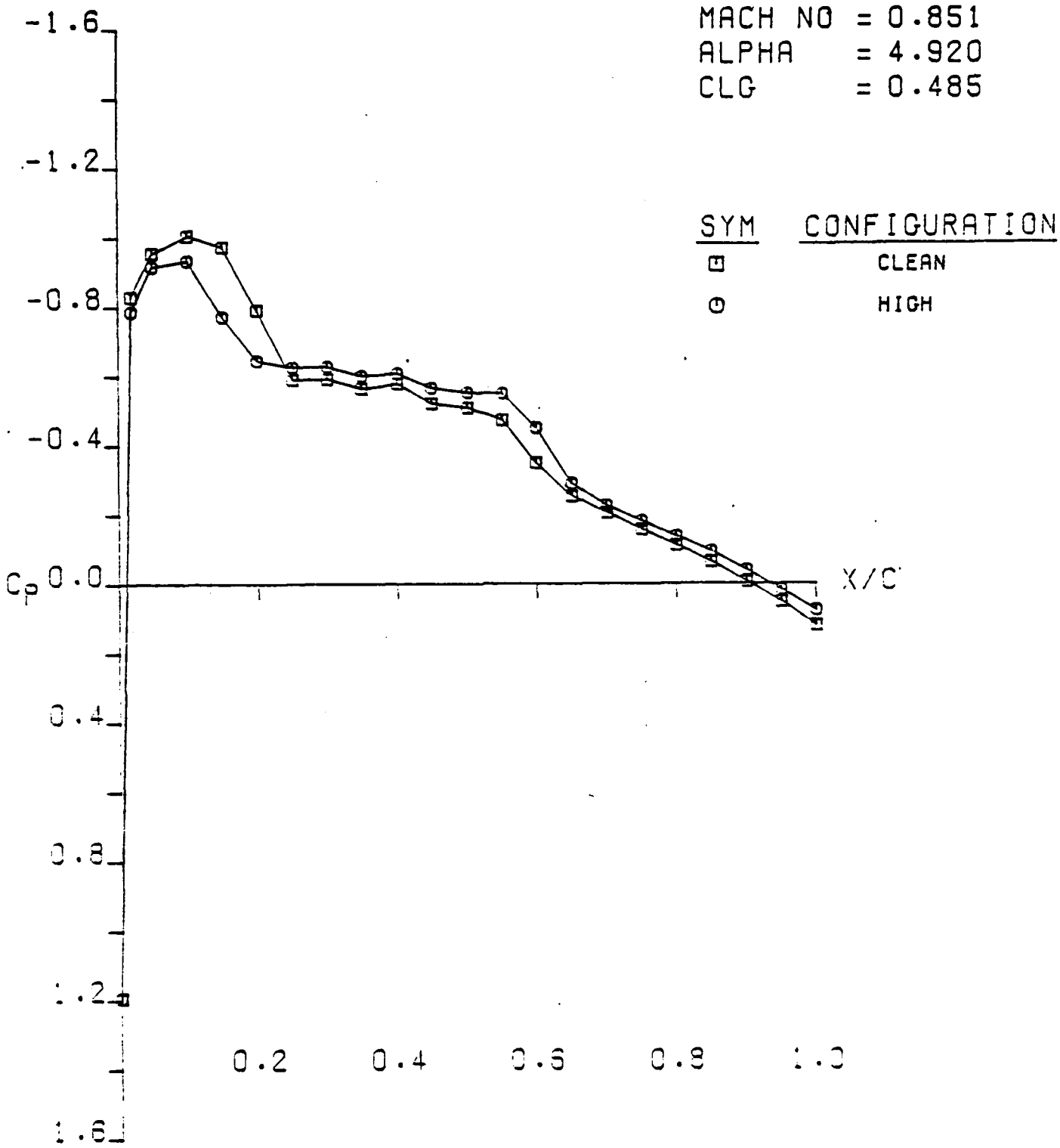
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS HIGH (UPR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



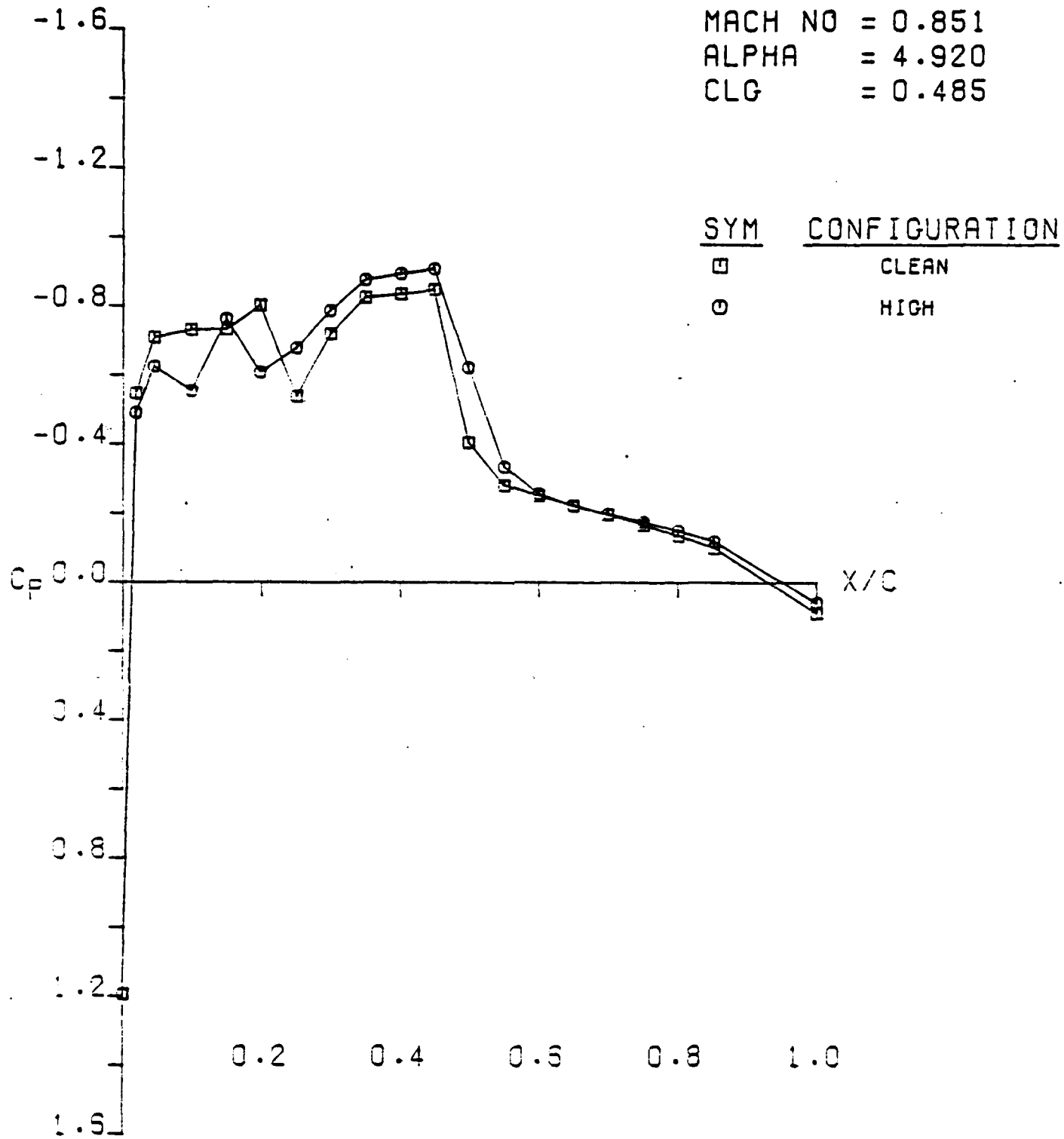
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS HIGH (UPR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



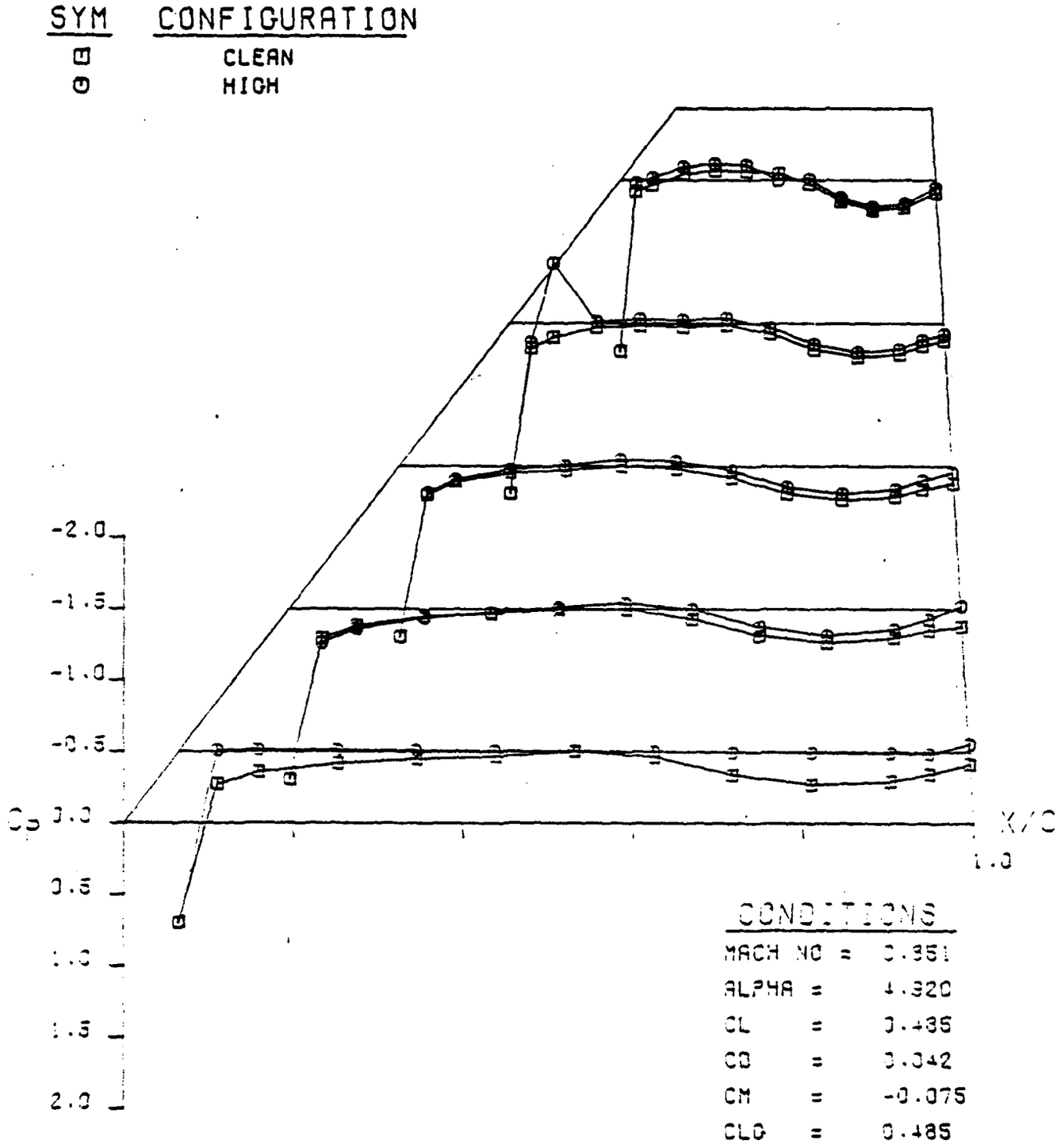
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS HIGH (UPR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



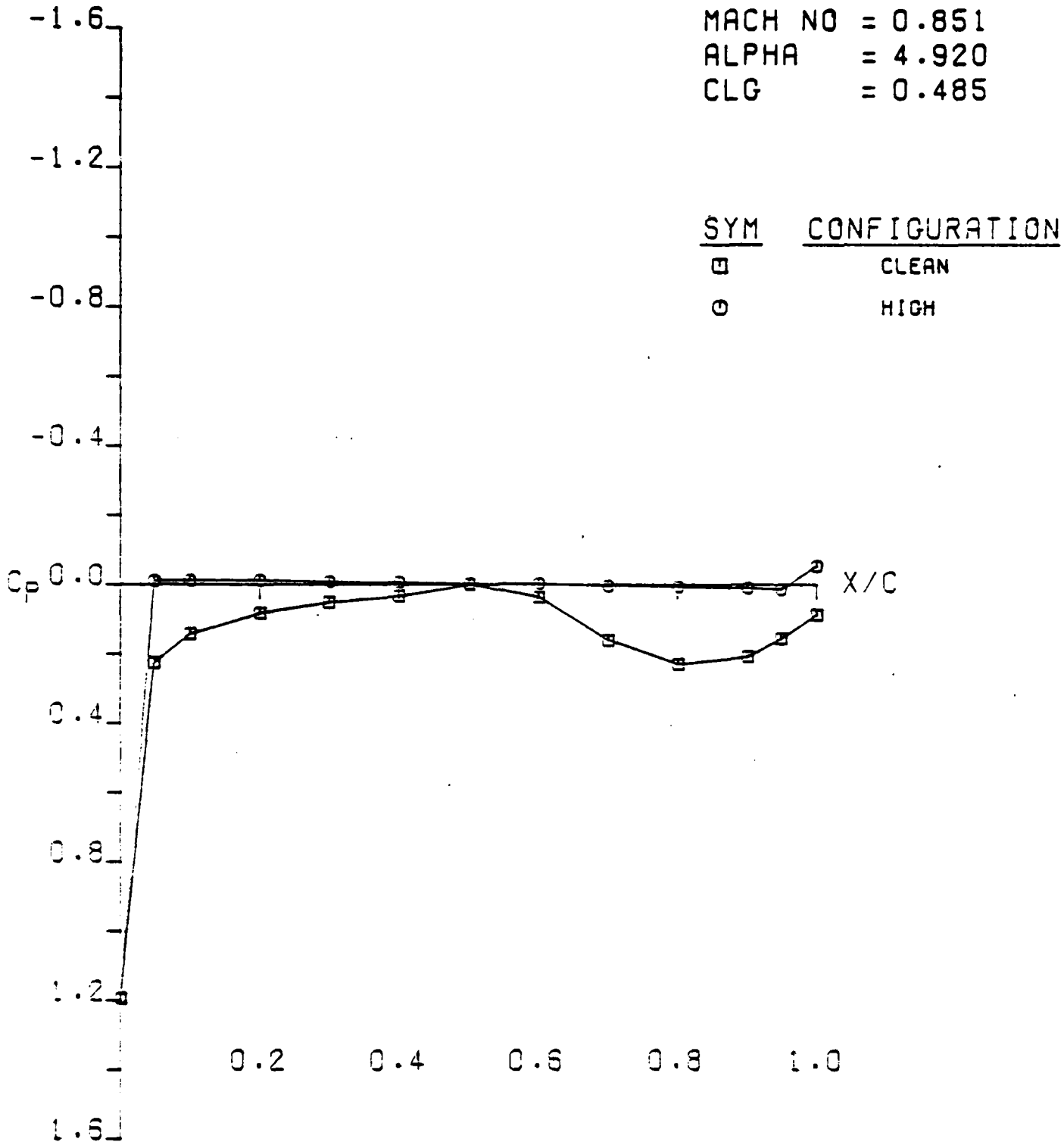
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS HIGH (UPR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



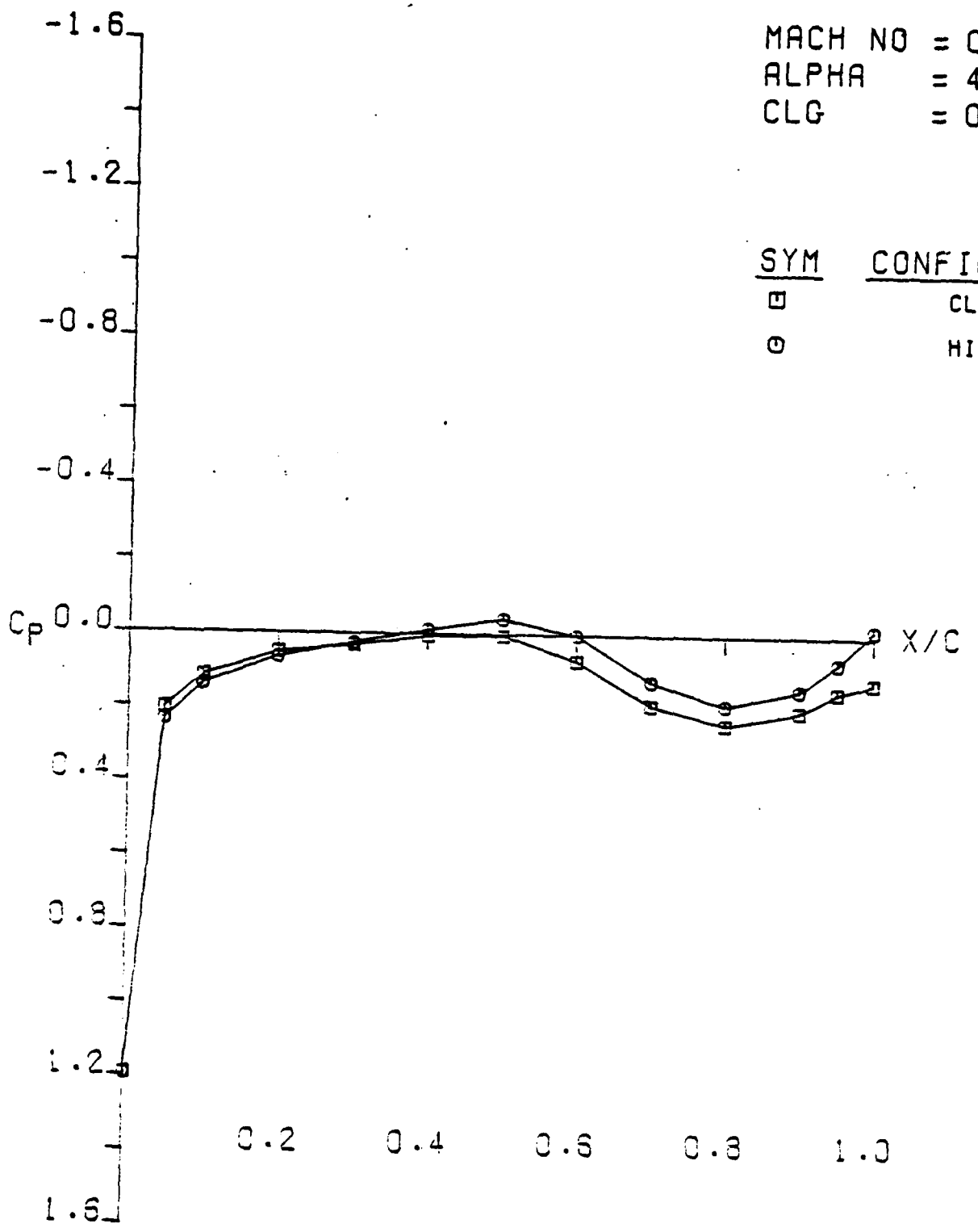
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS HIGH (UPR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



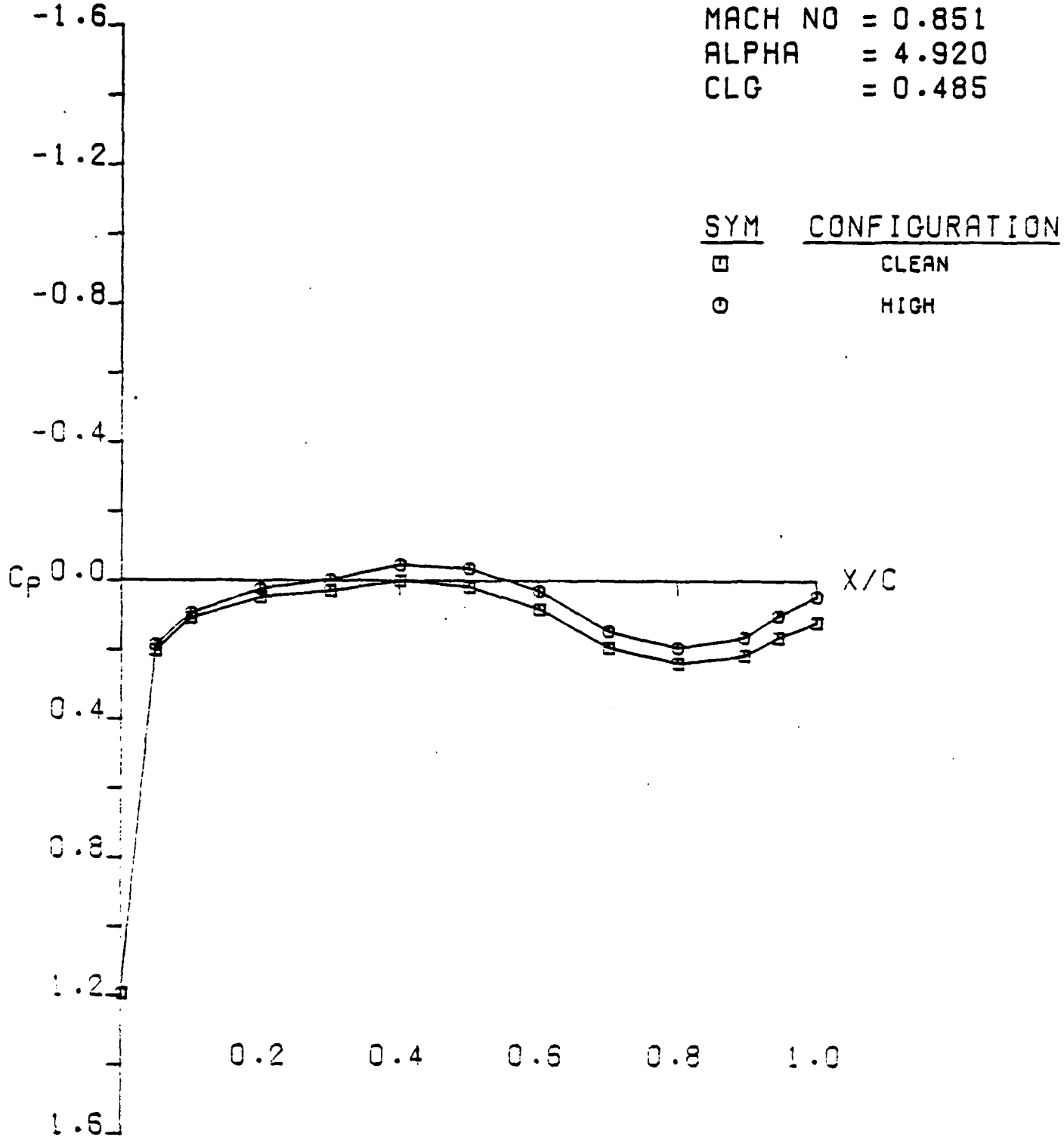
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS HIGH (LWR SURF)
NUMERICALLY OPTIMIZED WING C



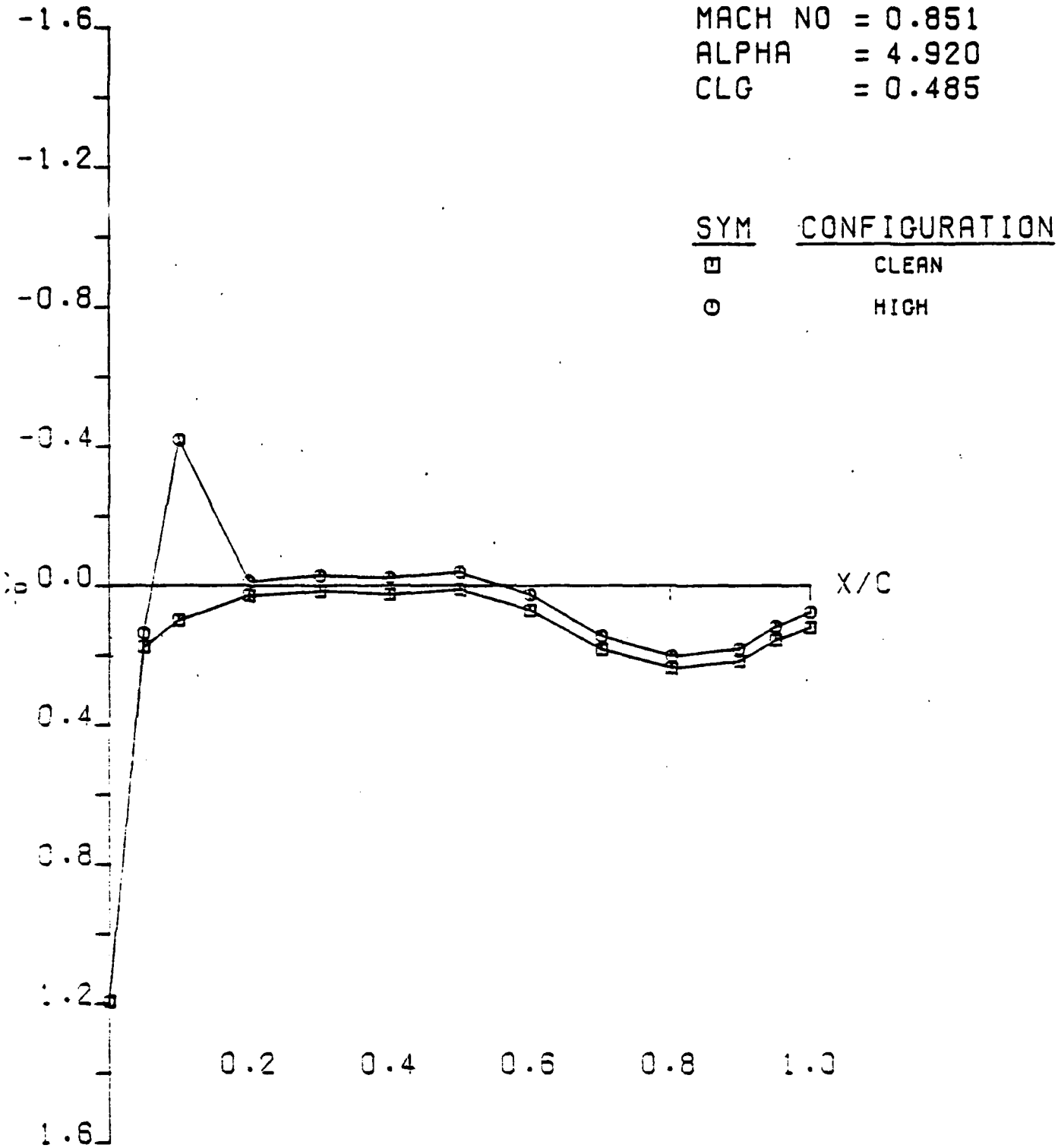
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS HIGH (LWR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



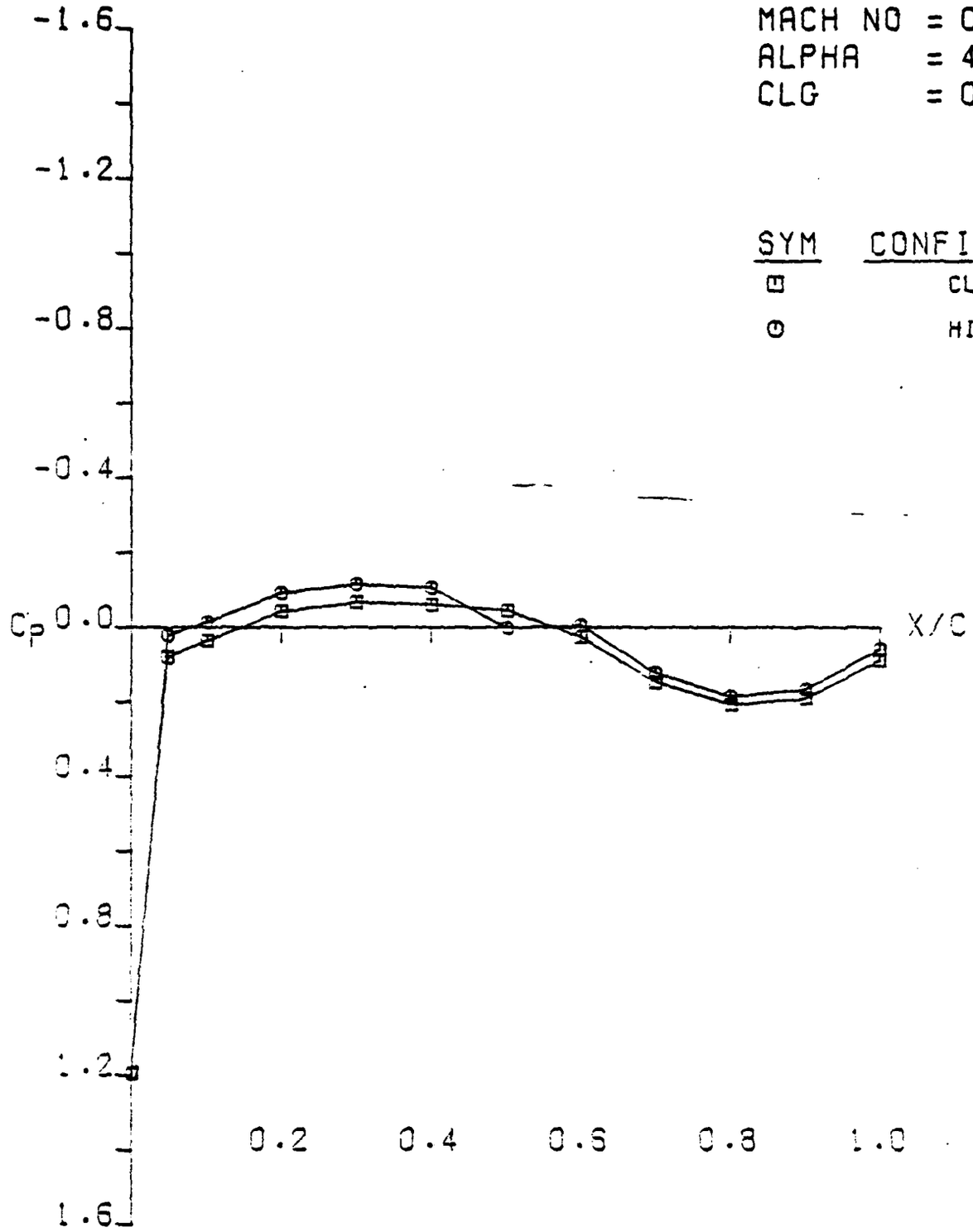
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS HIGH (LWR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



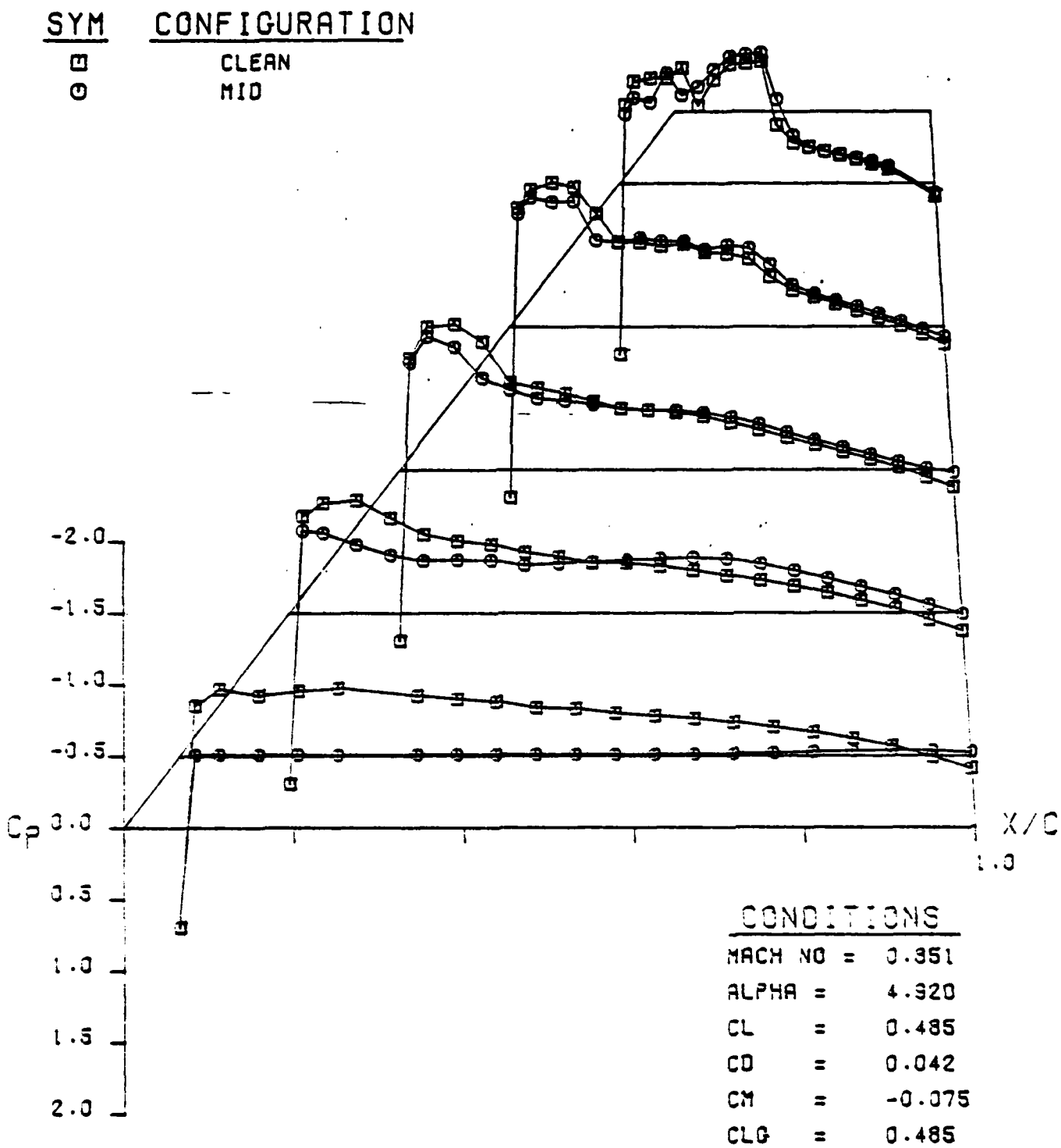
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS HIGH (LWR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



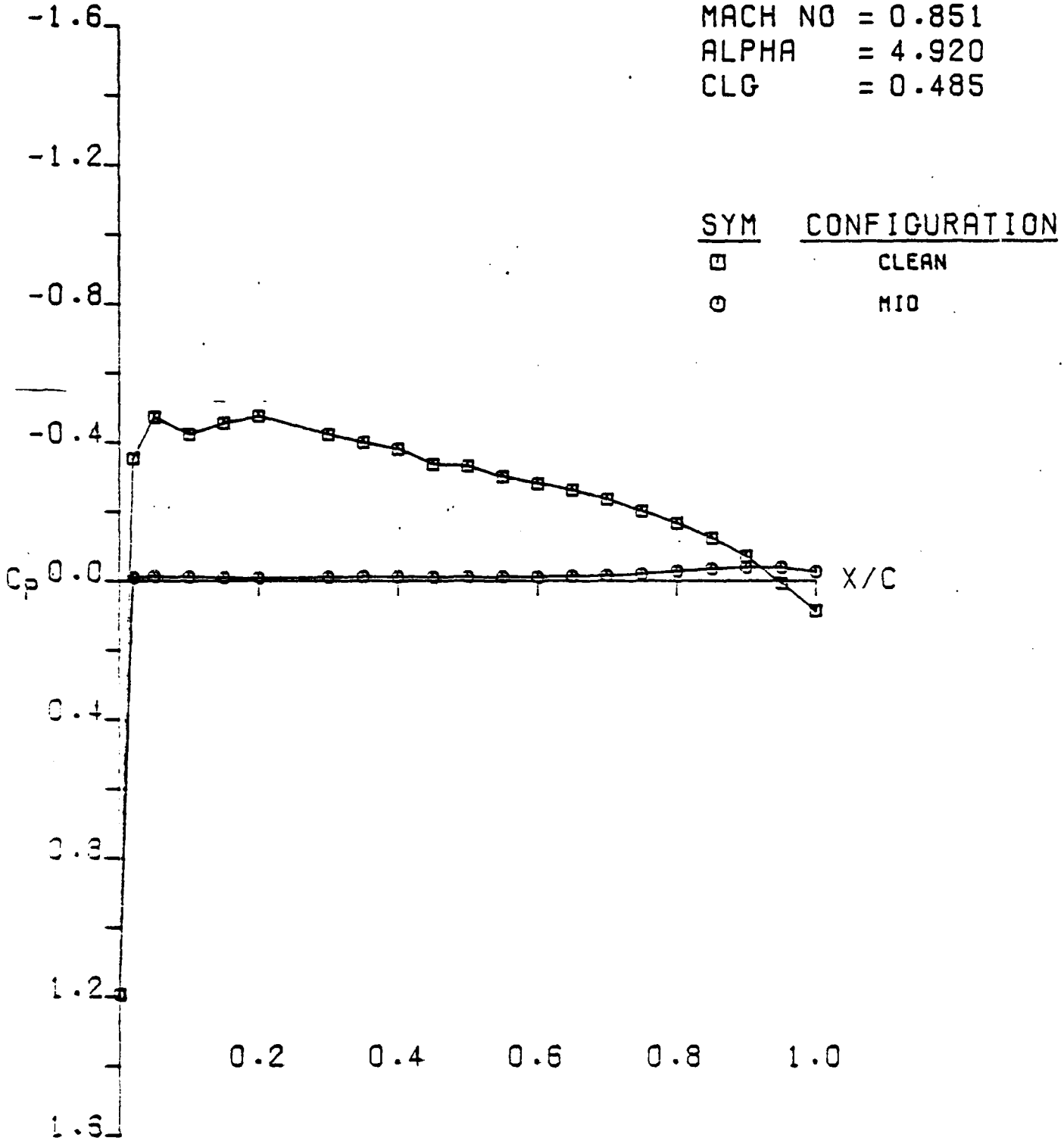
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS HIGH (LWR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



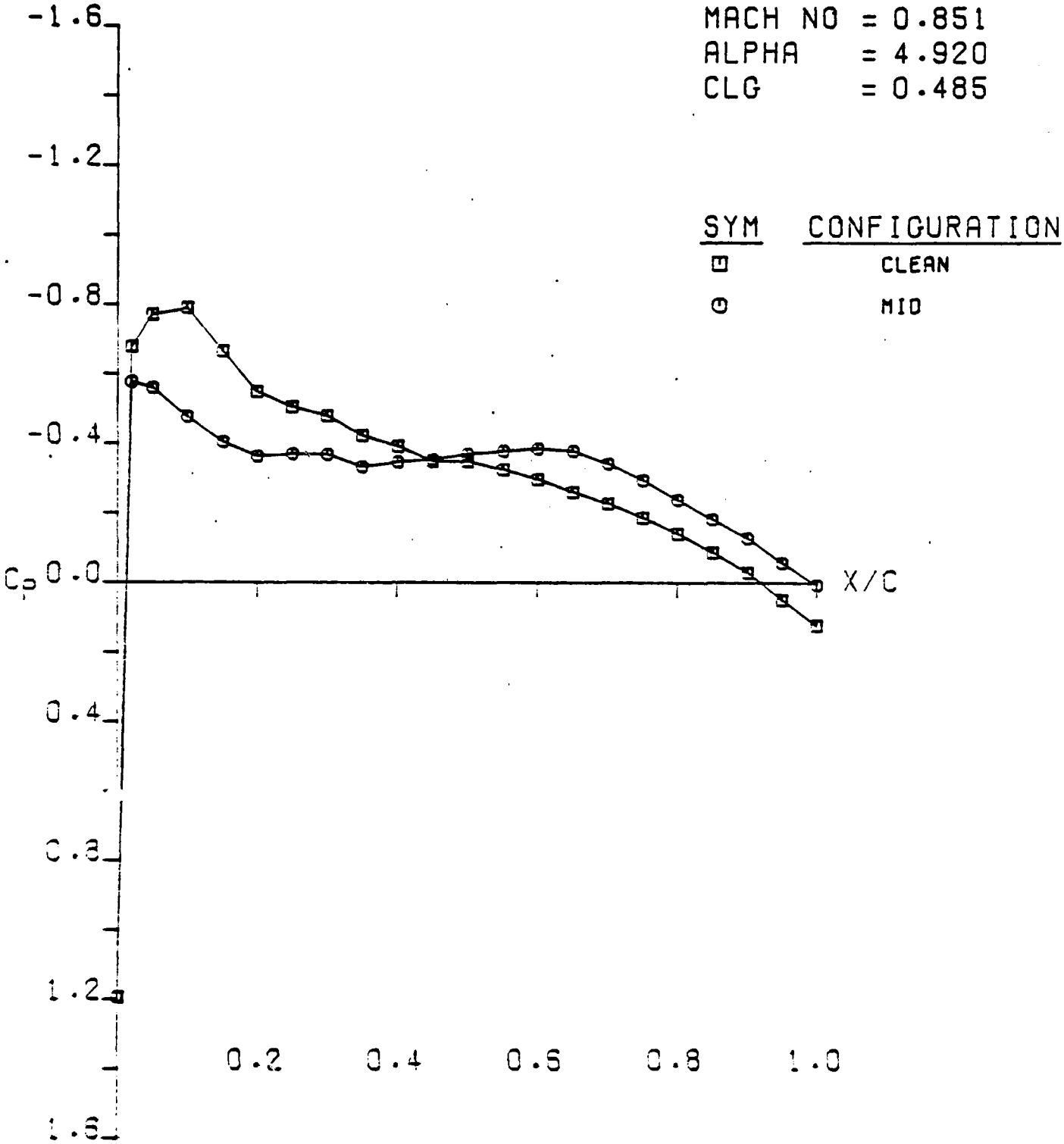
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS HIGH (LWR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



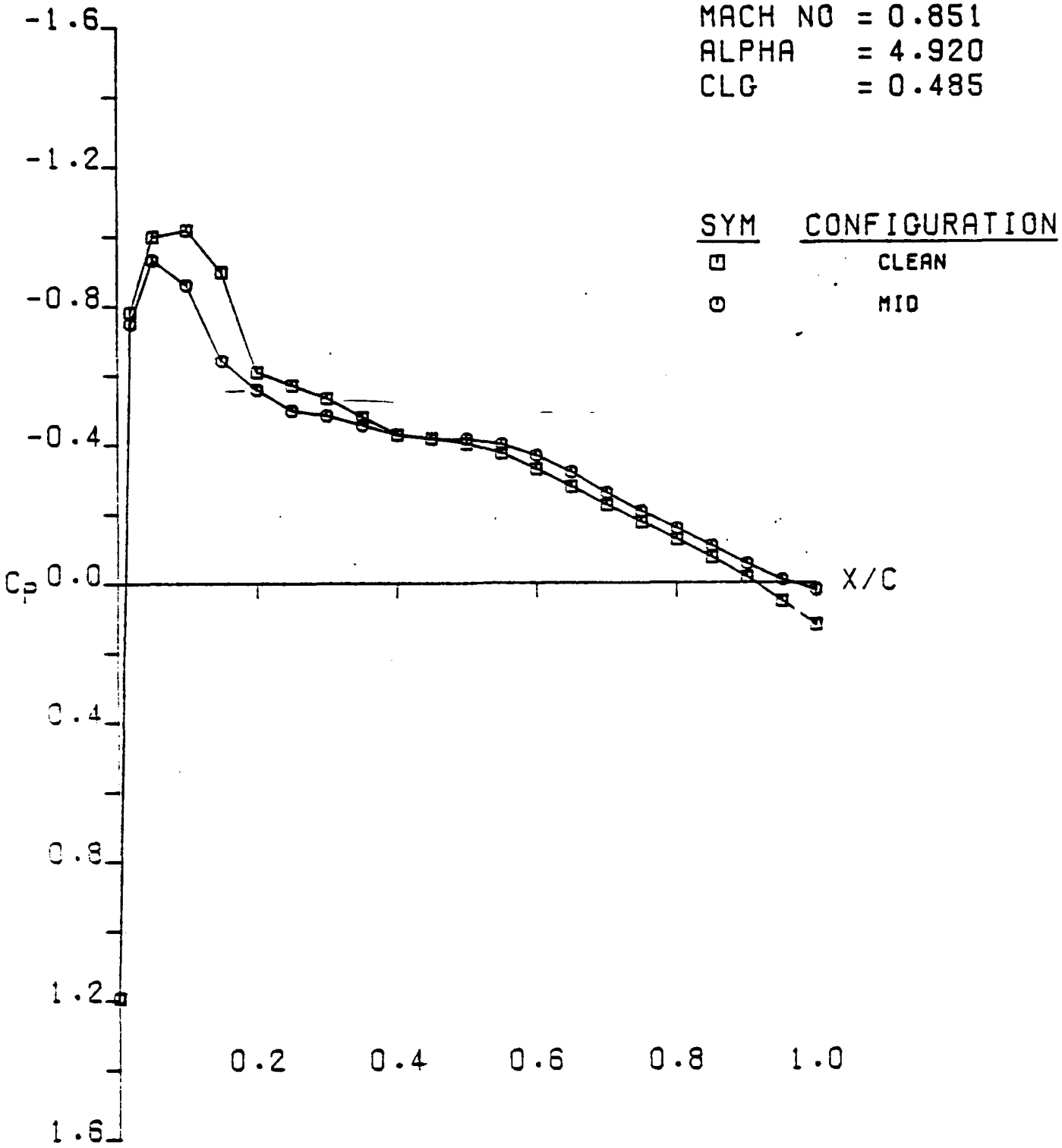
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS MID - NO SEAL (UPR SURF)
NUMERICALLY OPTIMIZED WING C



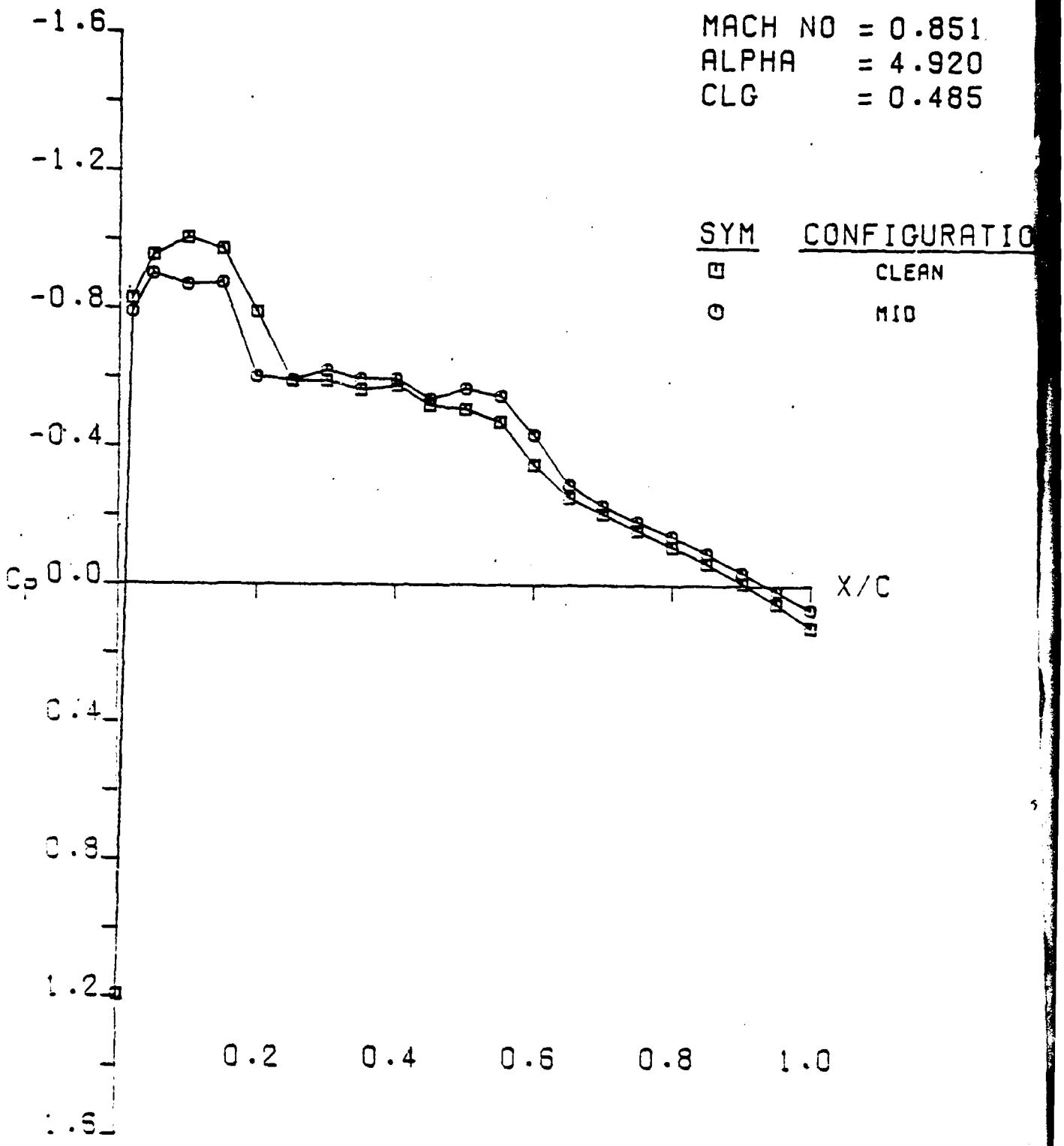
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS MID - NO SEAL (UPR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



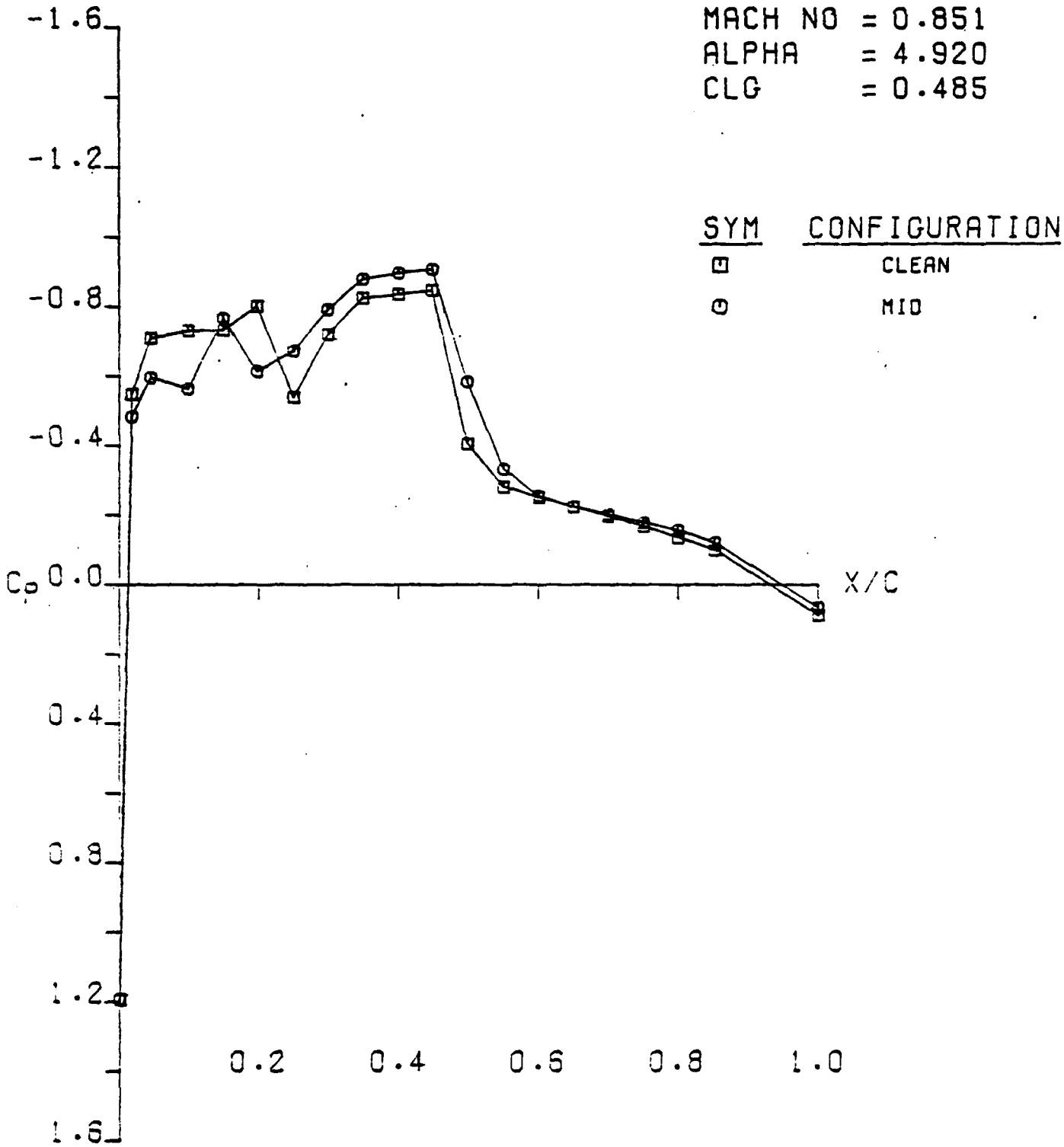
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS MID - NO SEAL (UPR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



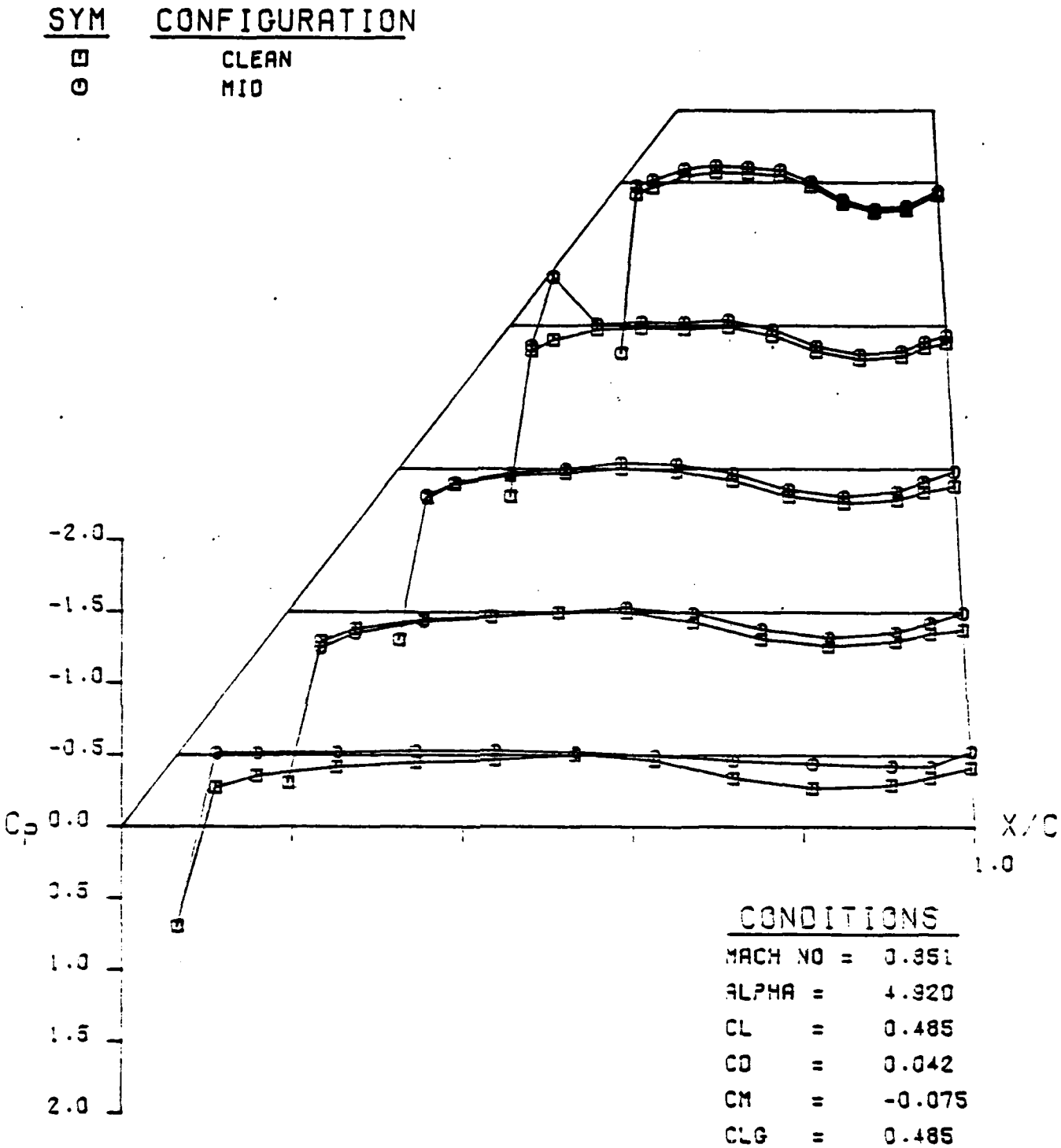
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS MID - NO SEAL (UPR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS MID - NO SEAL (UPR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS MID - NO SEAL (UPR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



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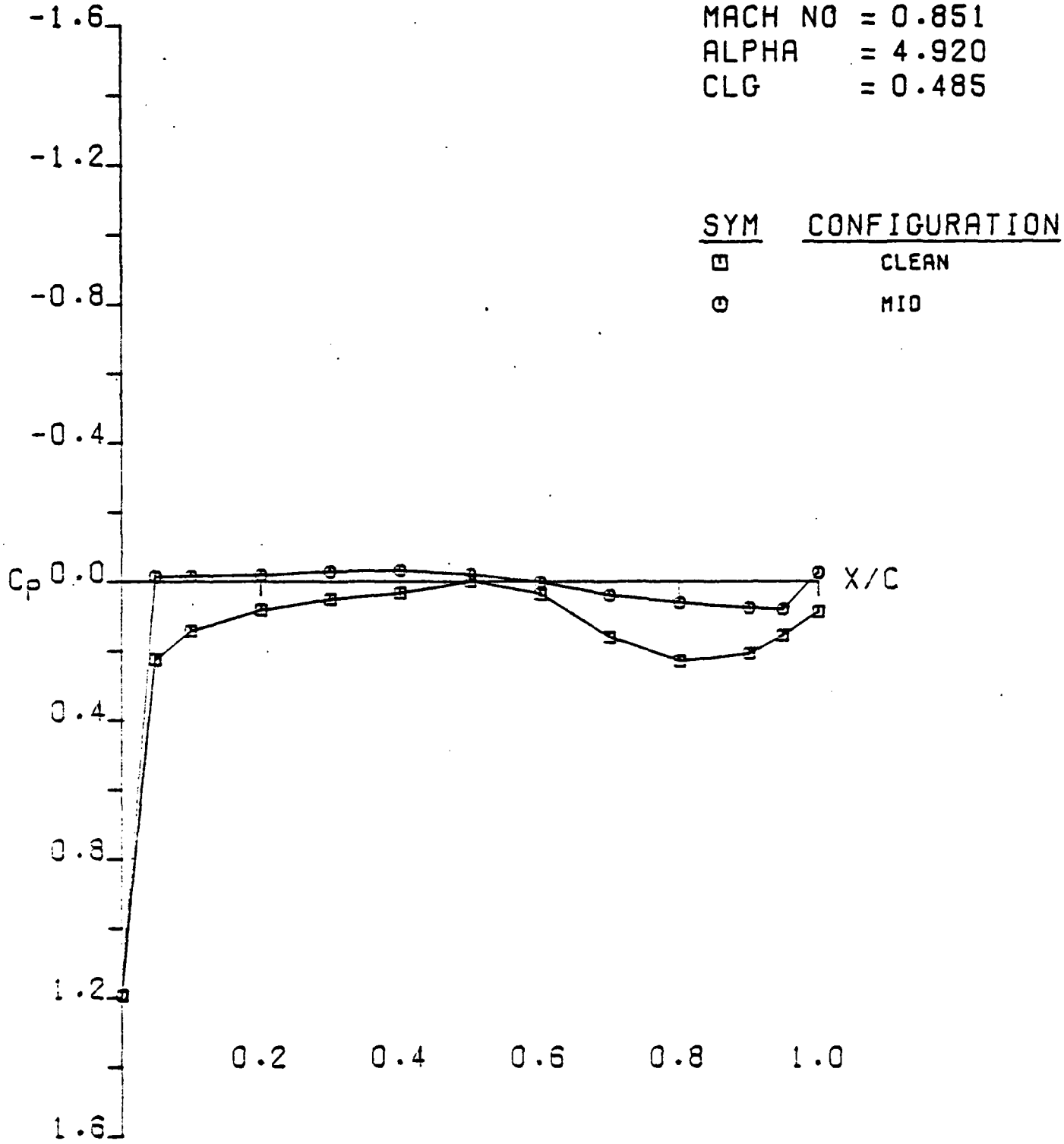
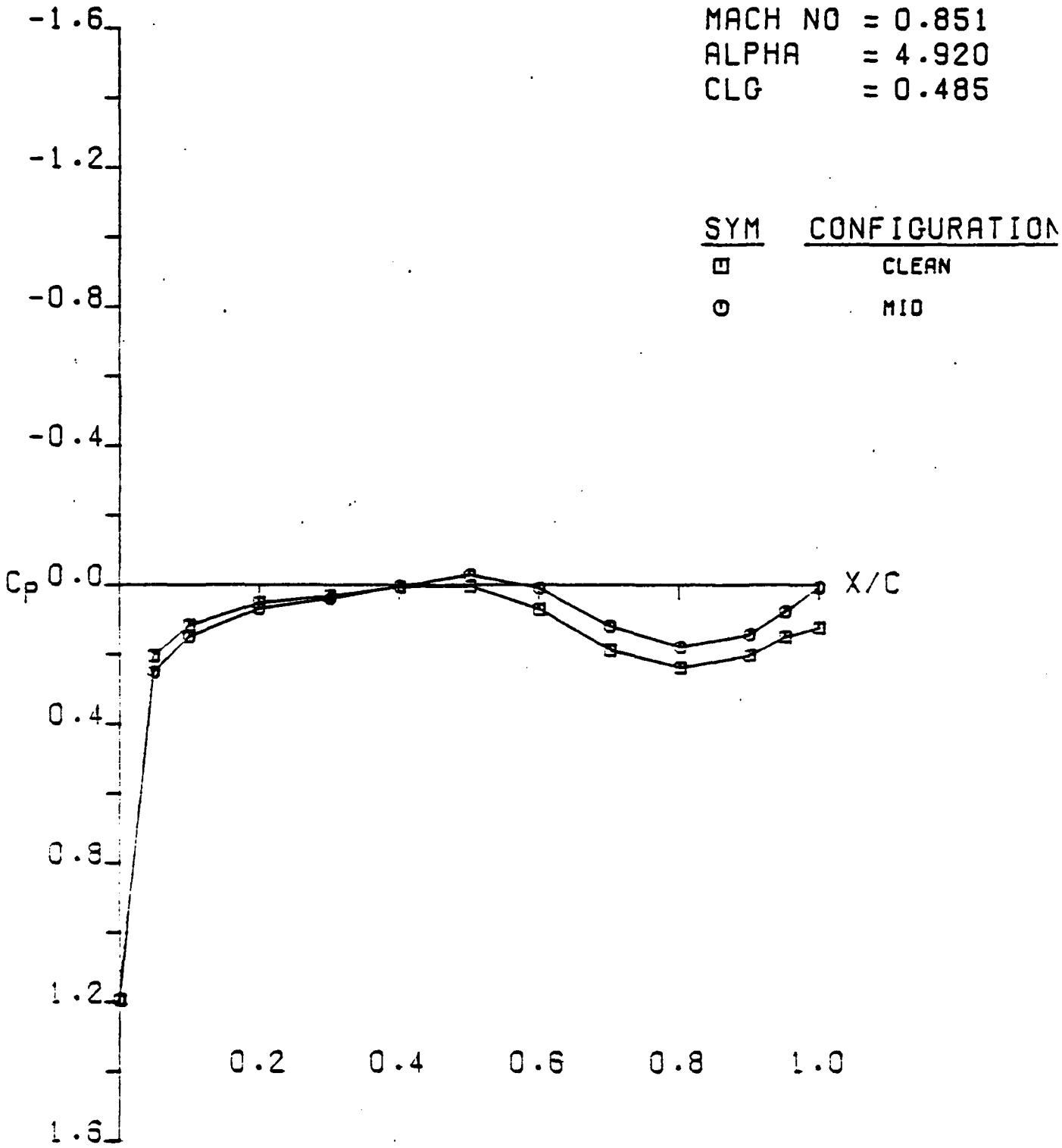
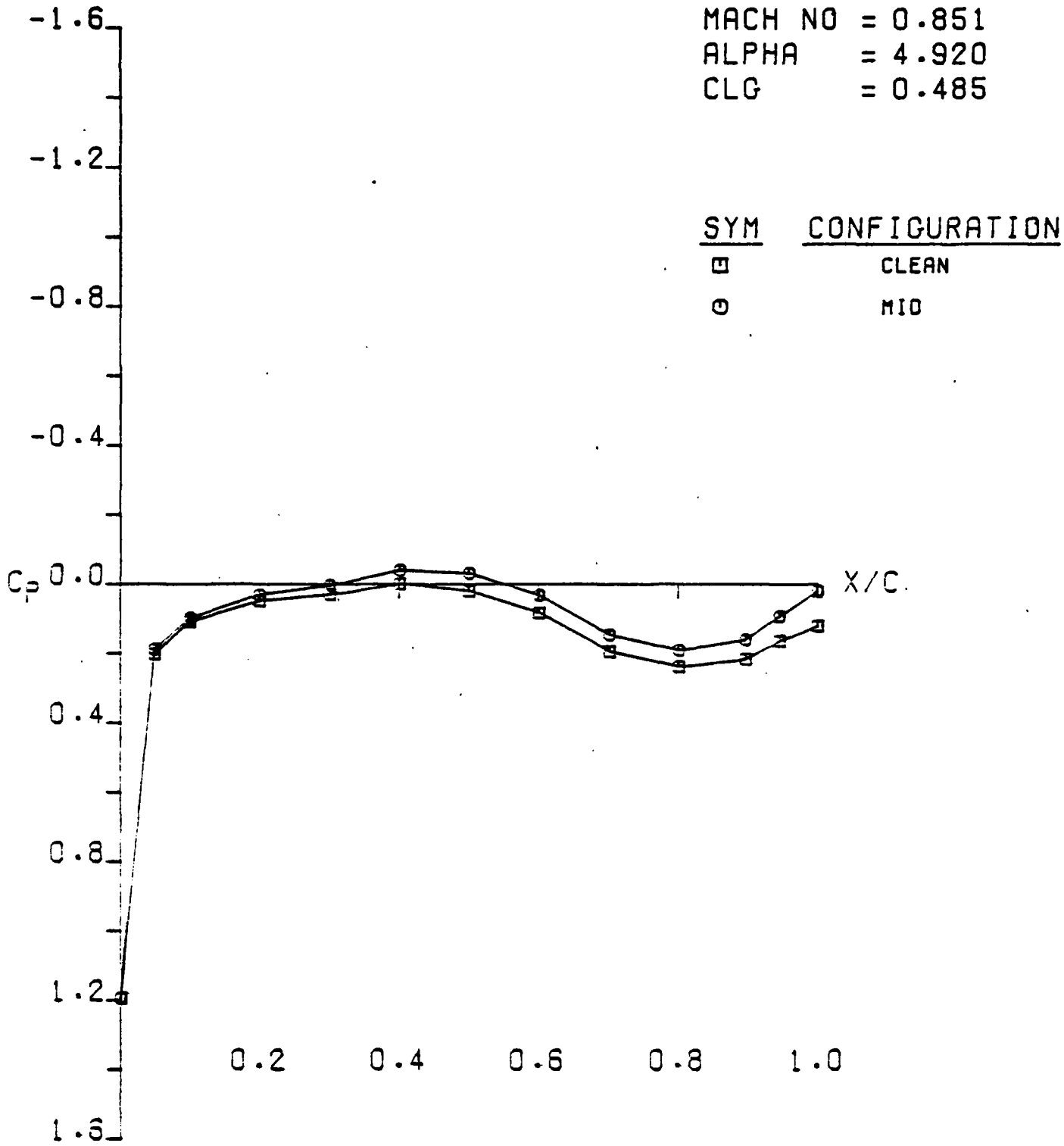
CLN VS MID - NO SEAL (LWR SURF)
NUMERICALLY OPTIMIZED WING C



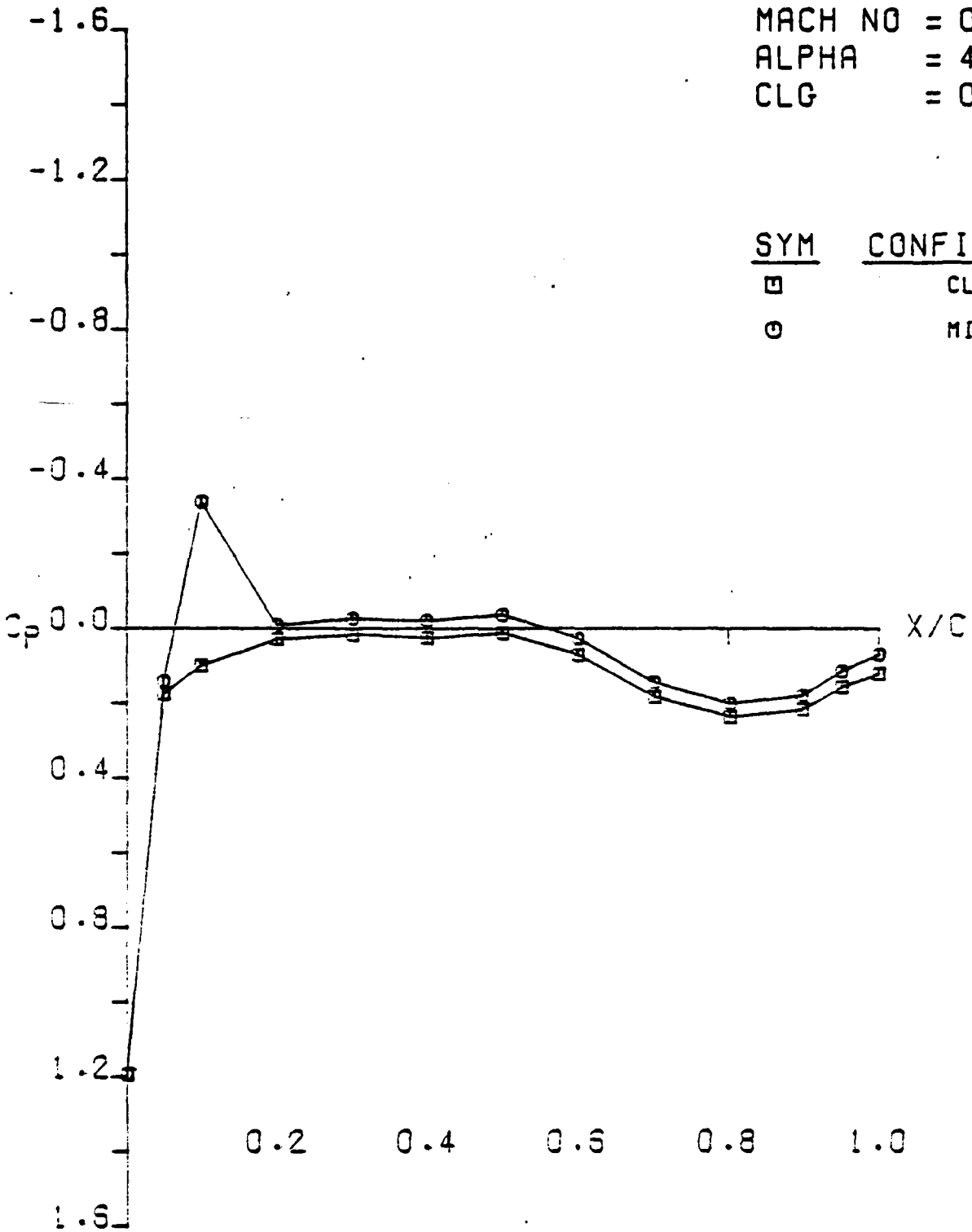
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS MID - NO SEAL (LWR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



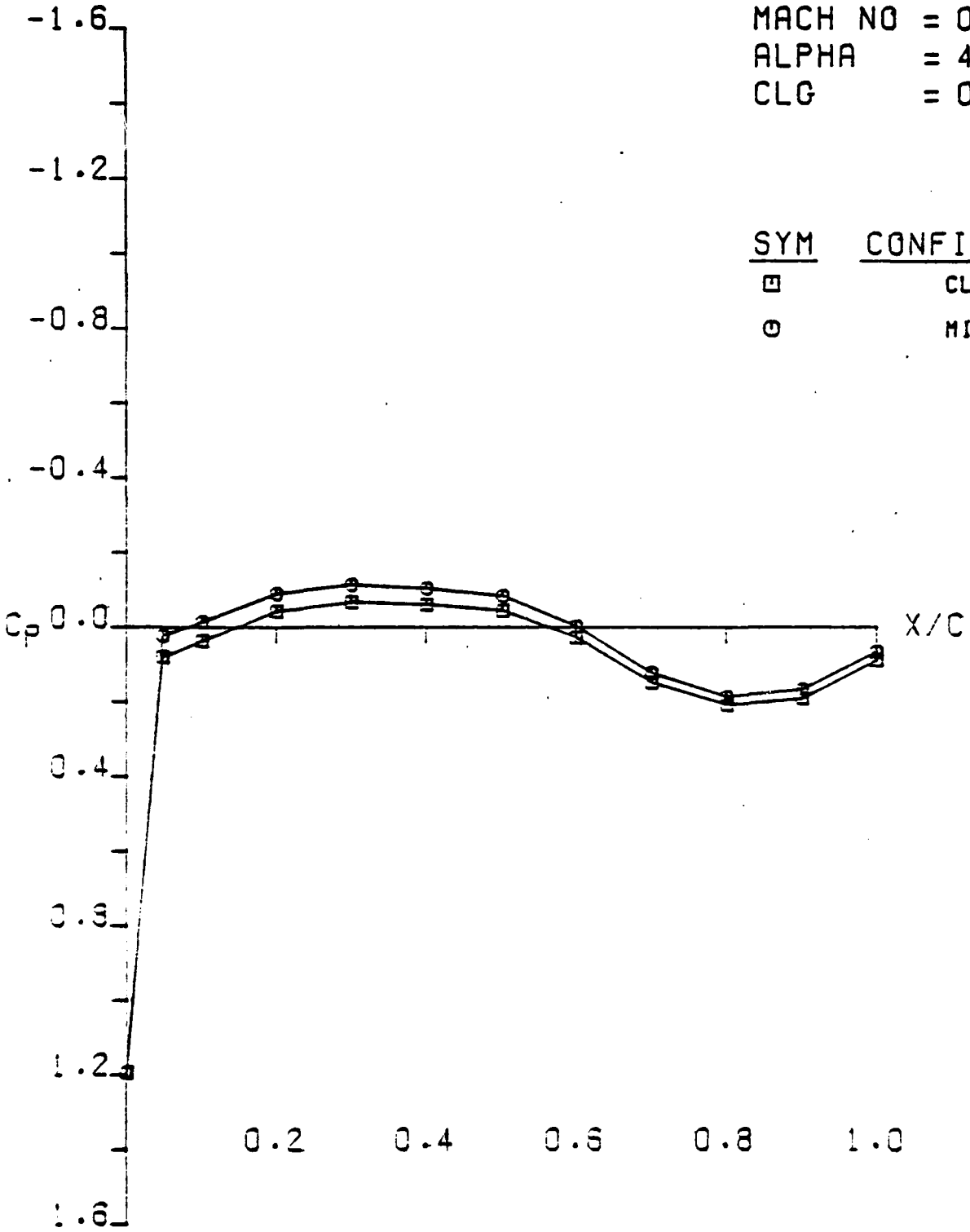
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS MID - NO SEAL (LWR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



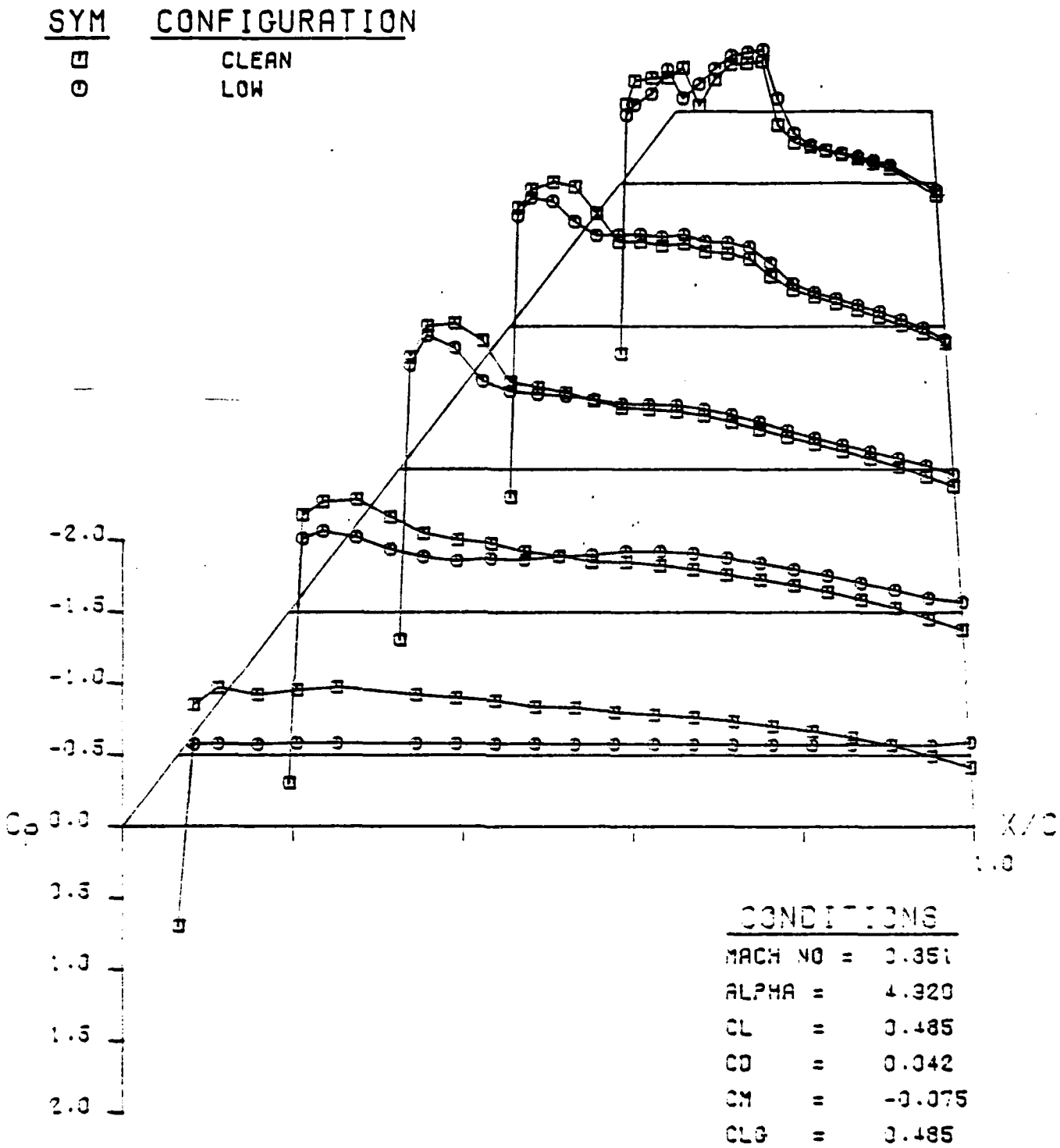
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS MID - NO SEAL (LWR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



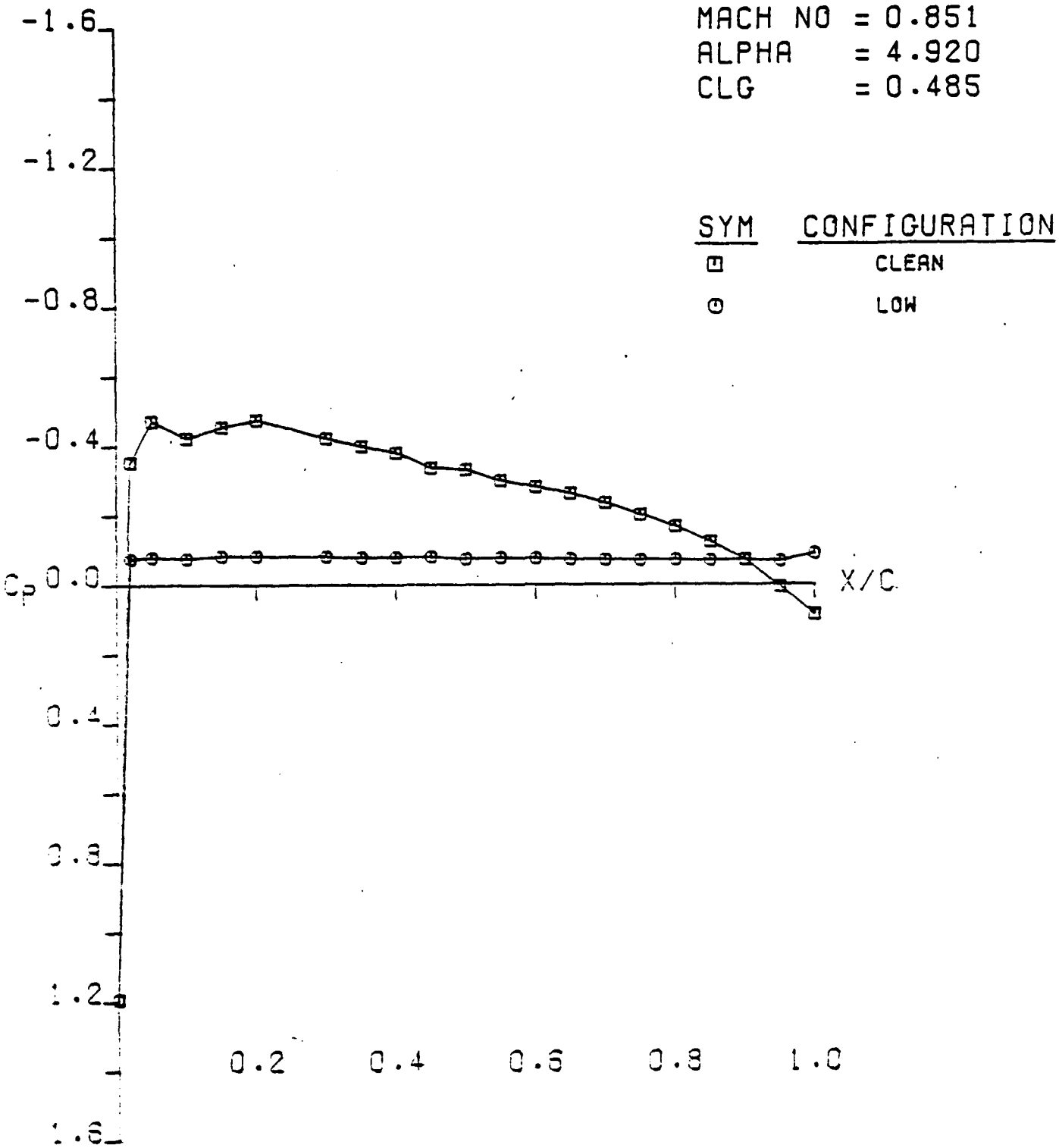
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS MID - NO SEAL (LWR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



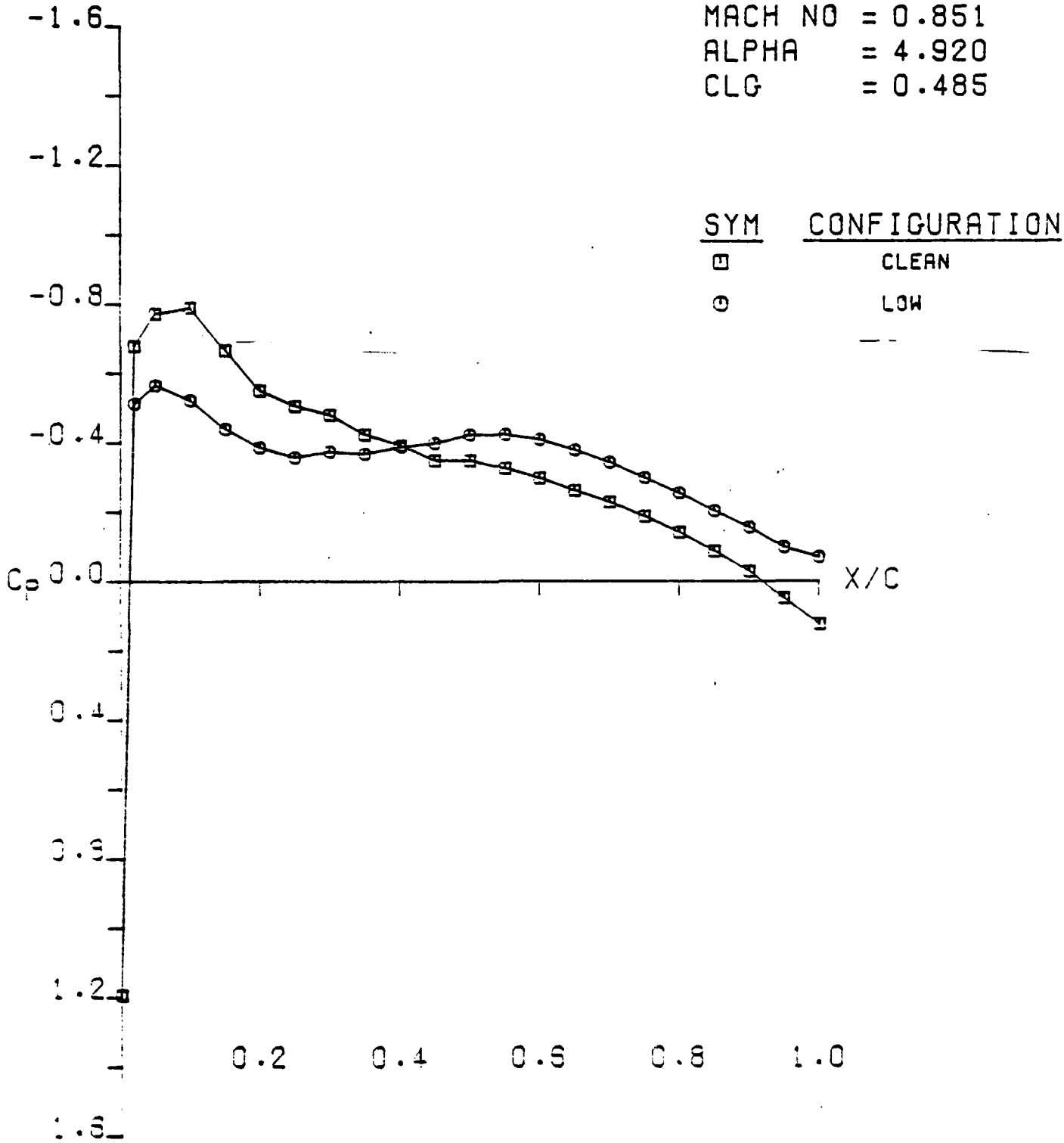
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS MID - NO SEAL (LWR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



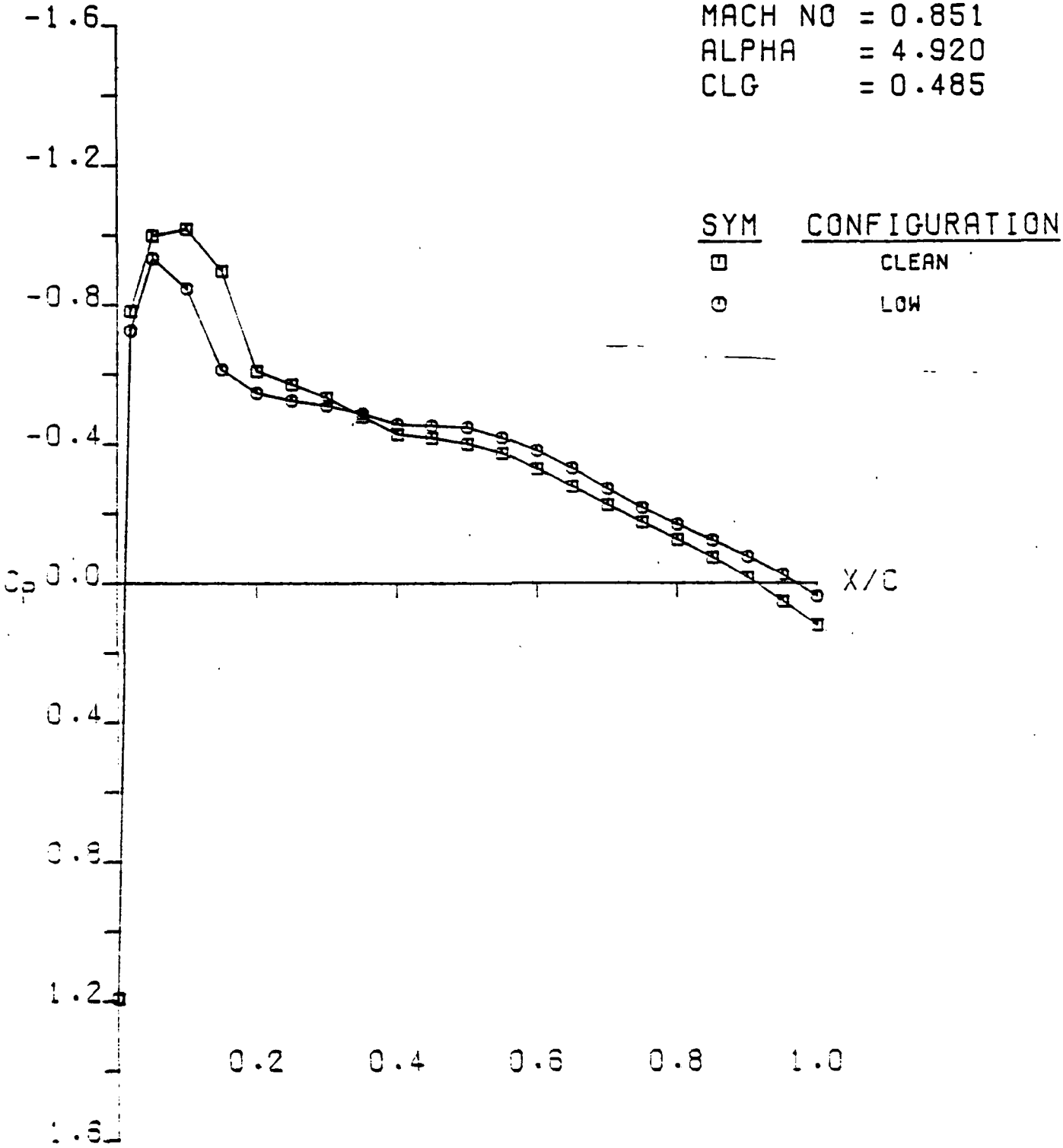
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS LOW (UPR SURF)
NUMERICALLY OPTIMIZED WING C



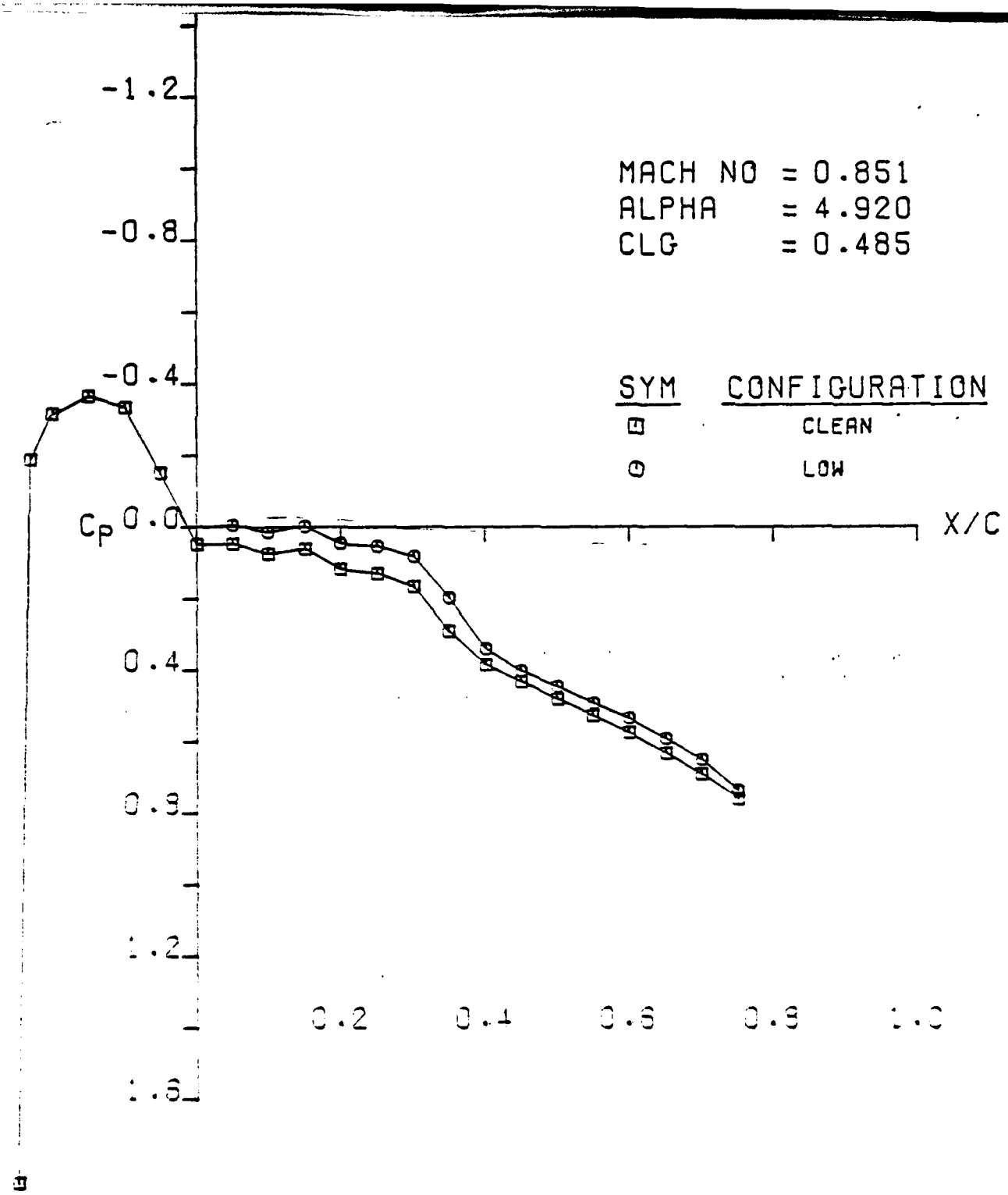
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS LOW (UPR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS LOW (UPR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C

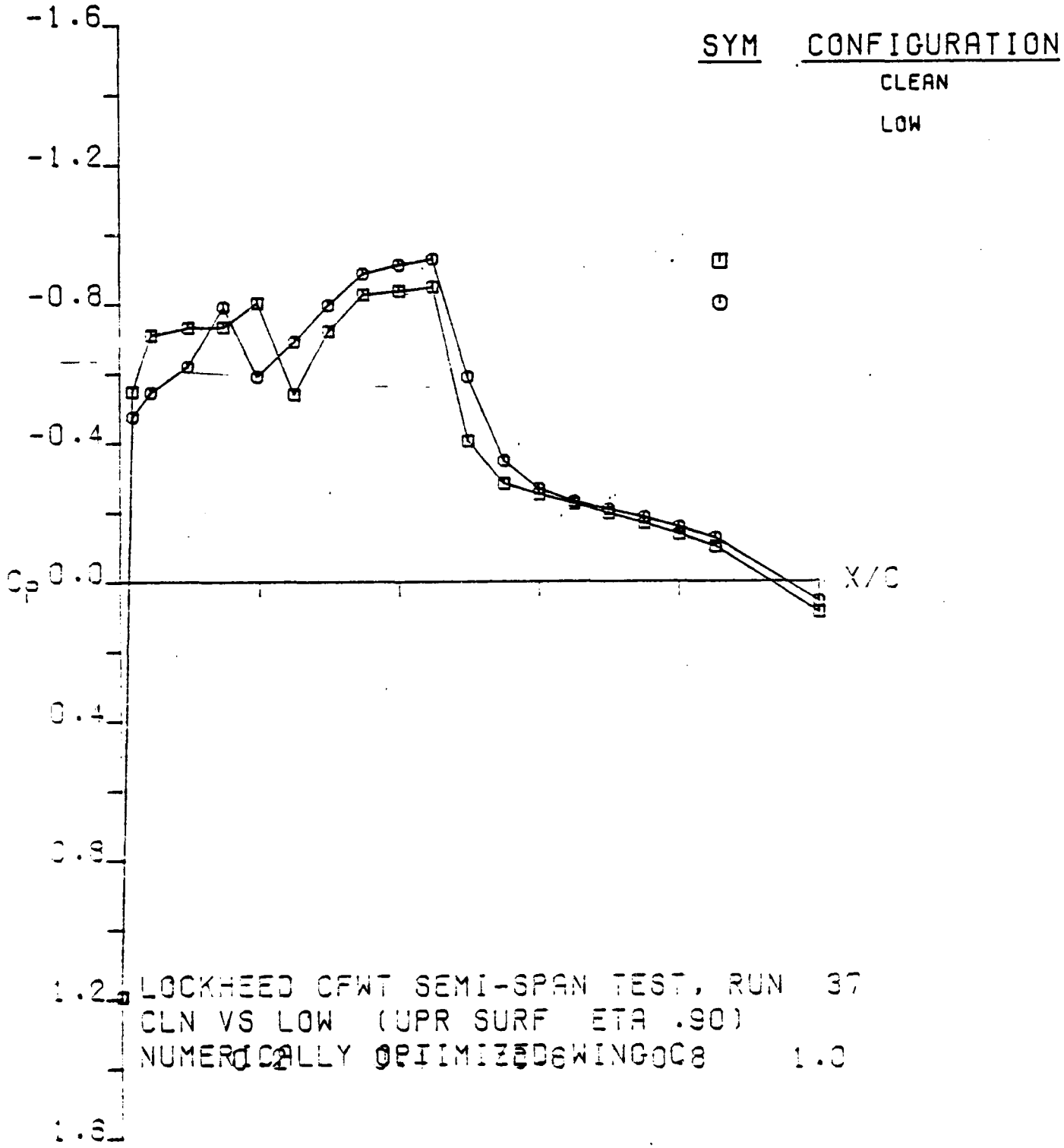


LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS LOW (UPR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



'CKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS LOW (UPR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C

CLG = 0.485


SYM CONFIGURATION
CLEAN
LOW
-1.6
-1.2
-0.8
-0.4
Cp 0.0
0.4
0.8
1.2
1.6
X/C
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS LOW (UPR SURF ETA .90)
NUMERICALLY OPTIMIZED WING 008
0.0
1.0

AD-A085 259 LOCKHEED-GEORGIA CO MARIETTA F/G 20/4
ACQUISITION AND APPLICATION OF TRANSONIC WING AND FAR-FIELD TES--ETC(U)
MAR 80 B L HINSON, K P BURDGES F49620-78-C-0068
UNCLASSIFIED LG80ER0012-VOL-2 AFOSR-TR-80-0422-VOL-2-APP NL

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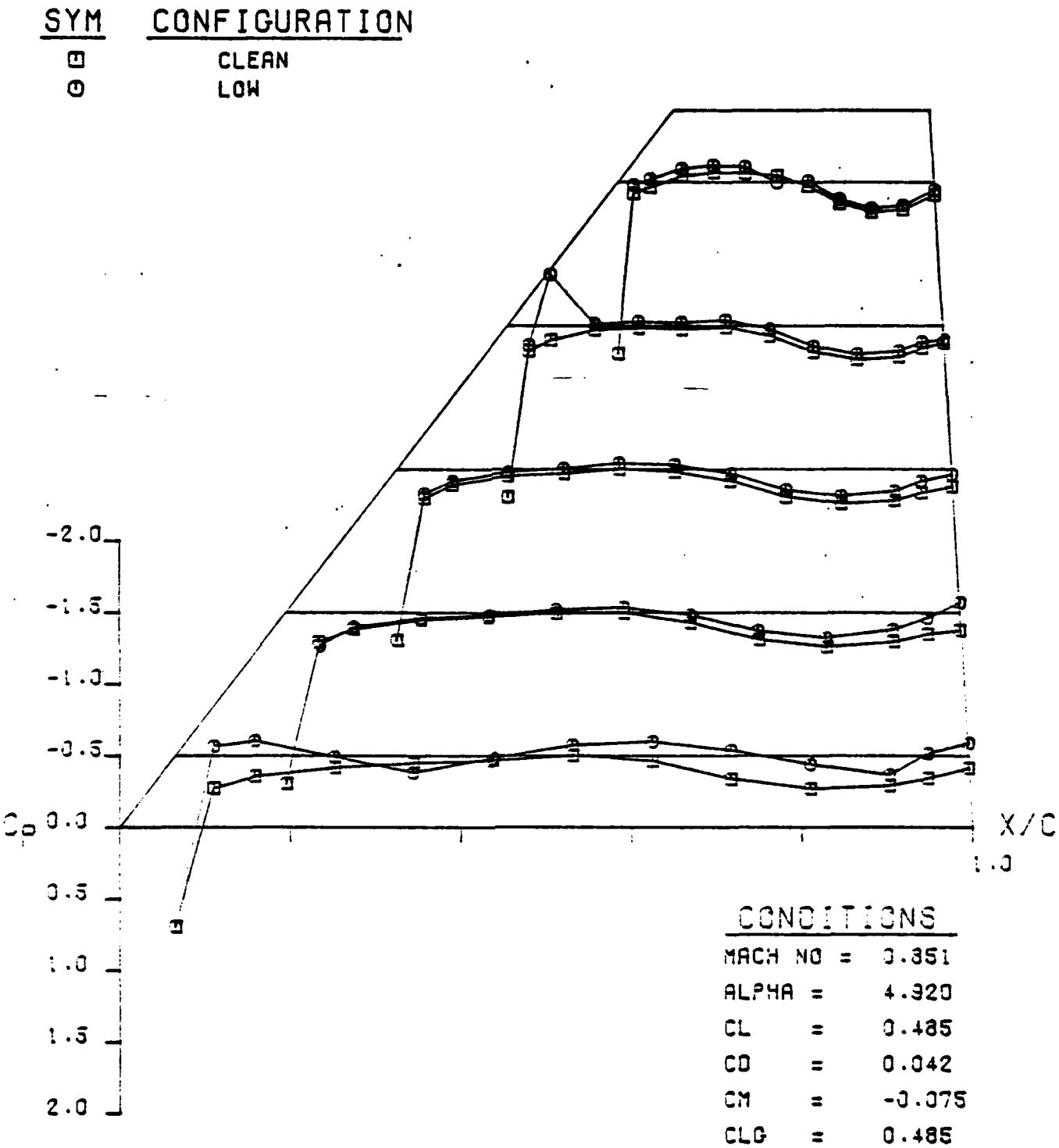

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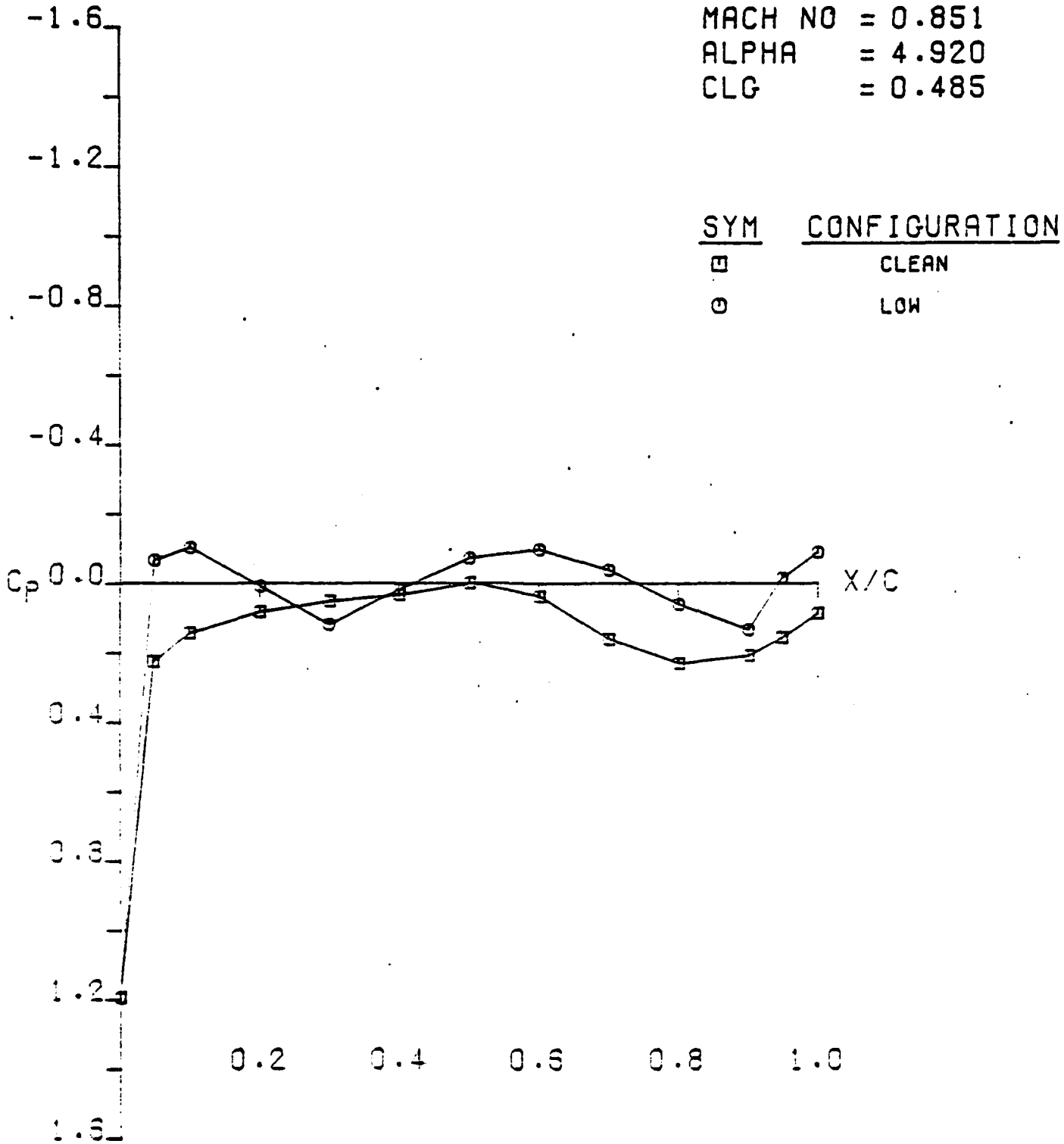
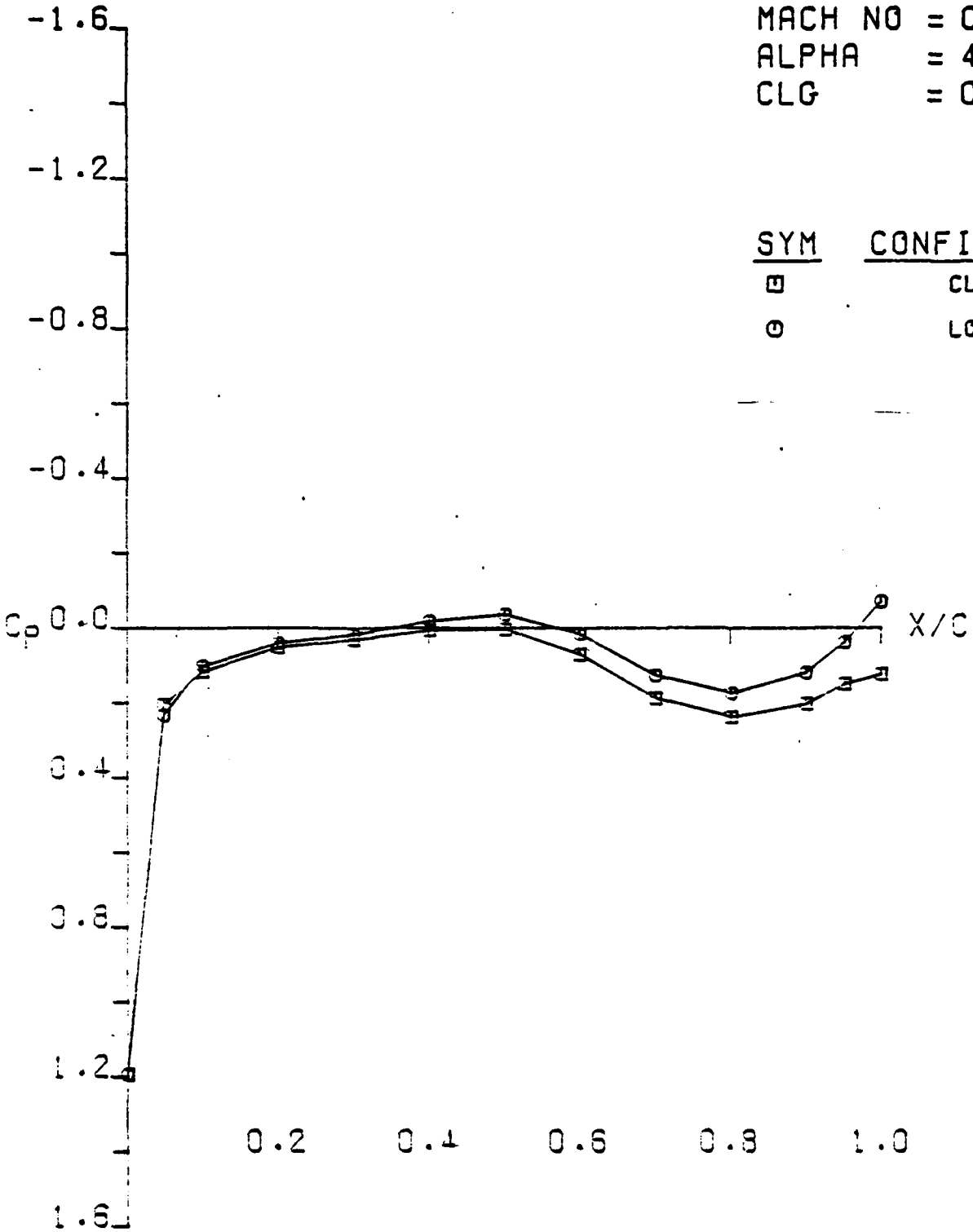
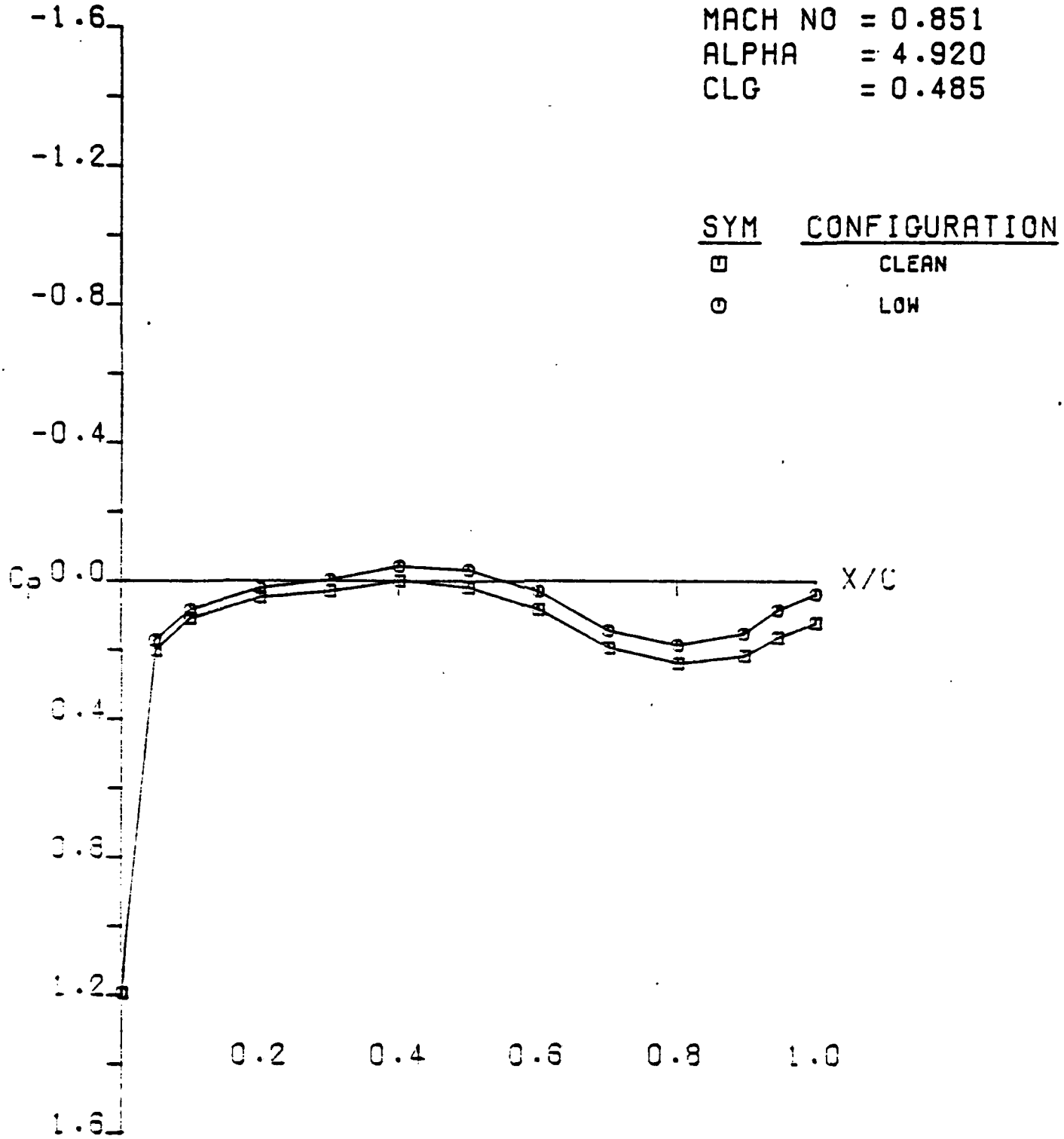
CLN VS LOW (LWR SURF)
NUMERICALLY OPTIMIZED WING C



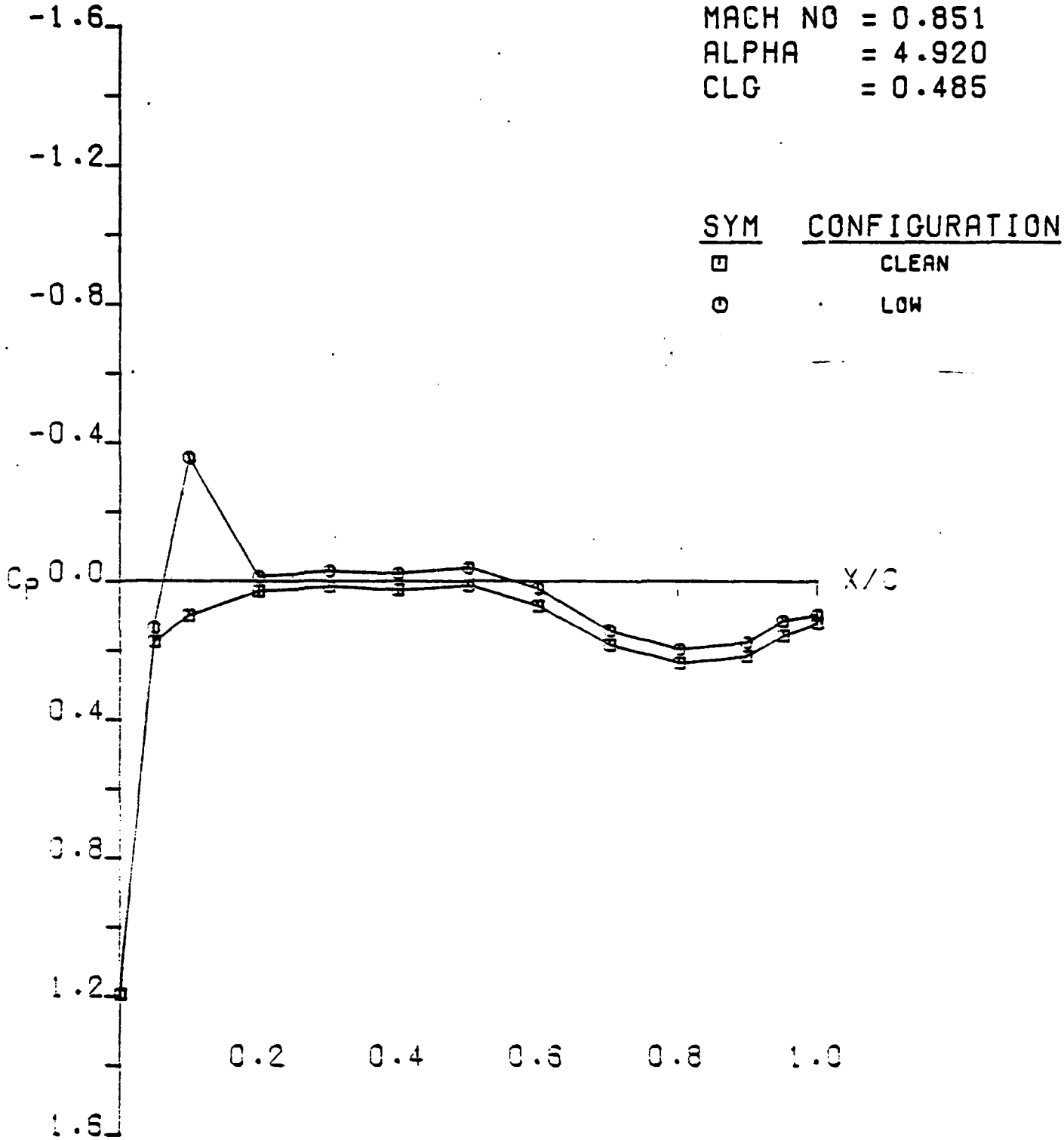
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS LOW (LWR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



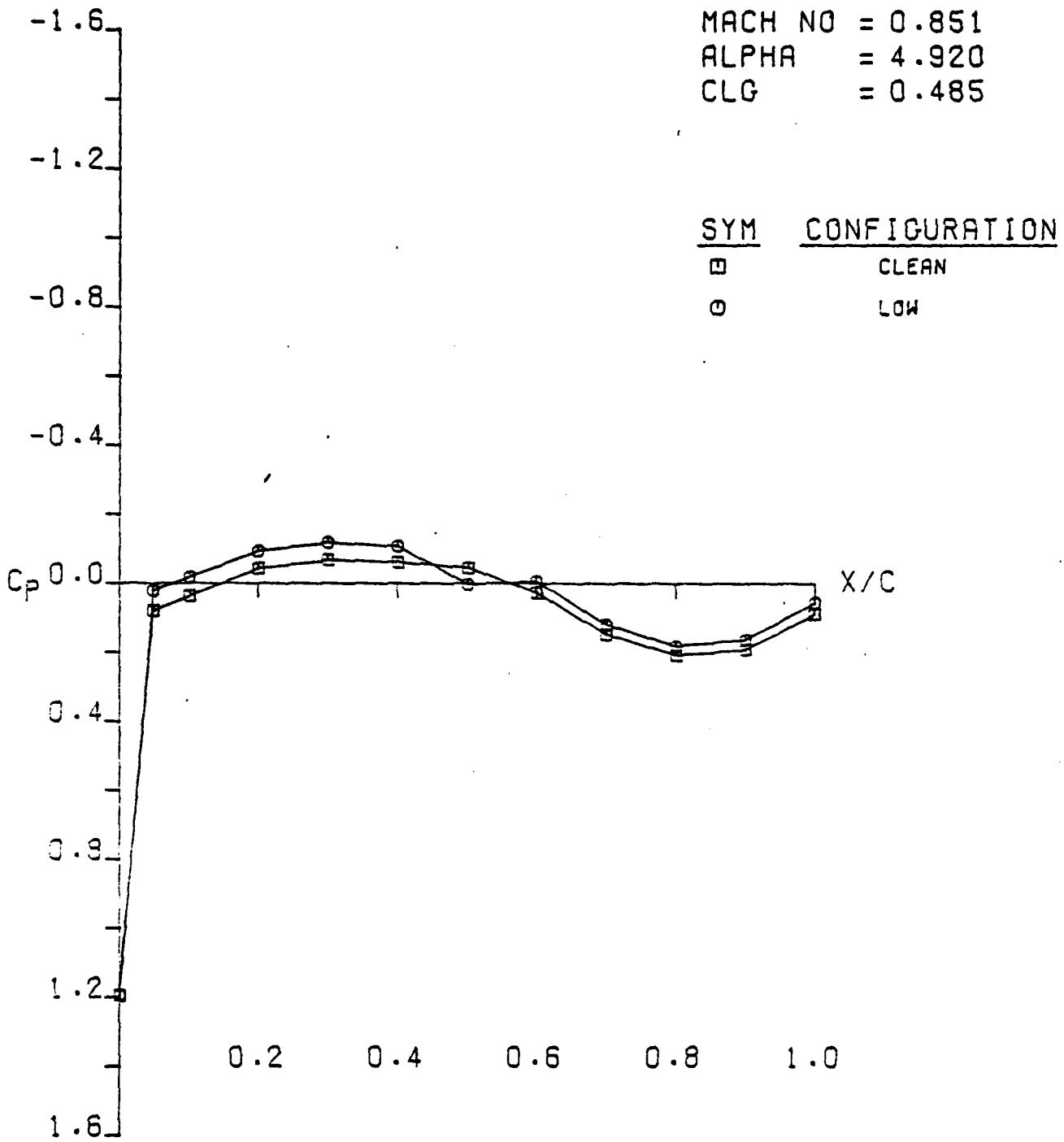
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS LOW (LWR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



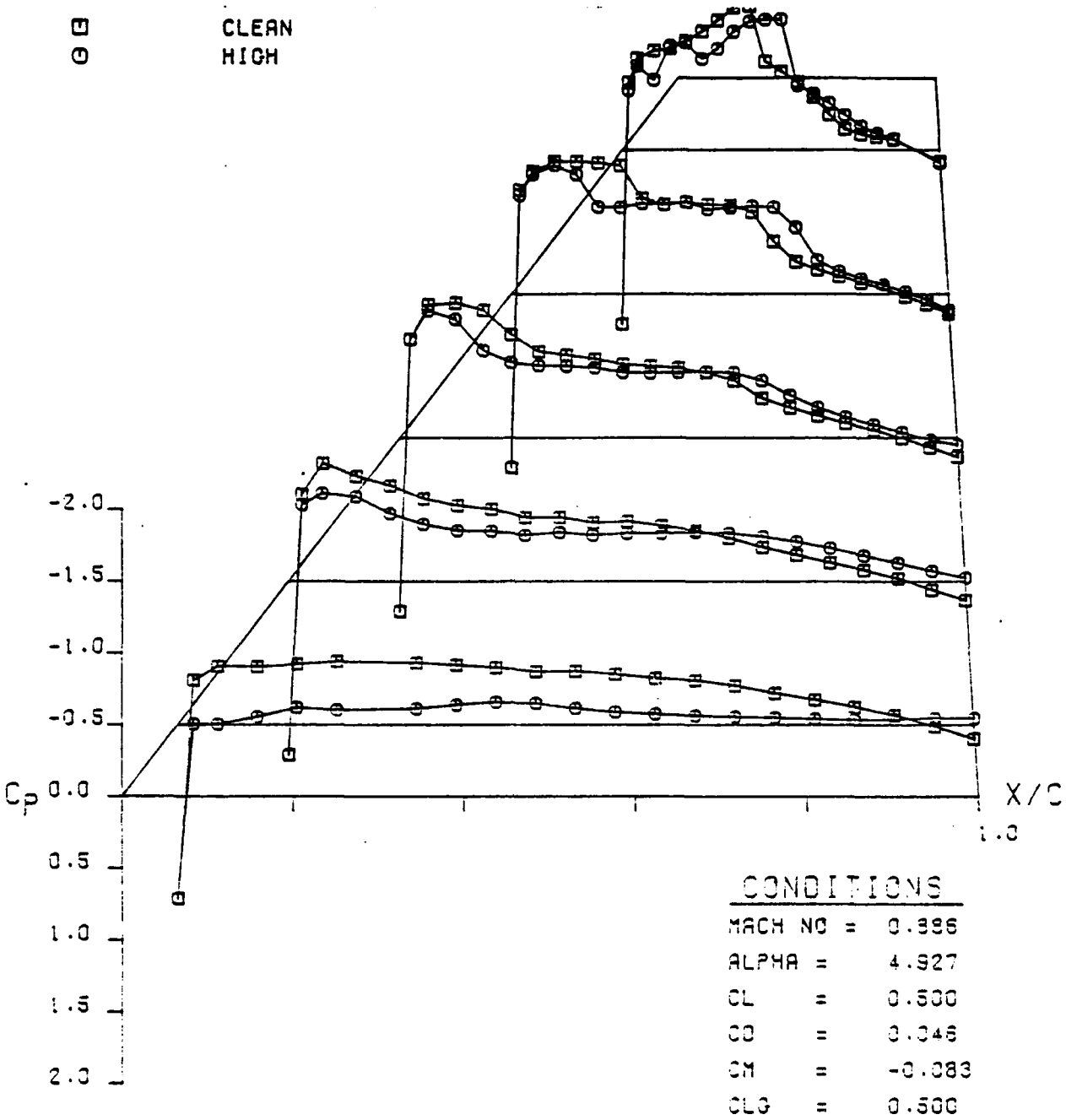
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS LOW (LWR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



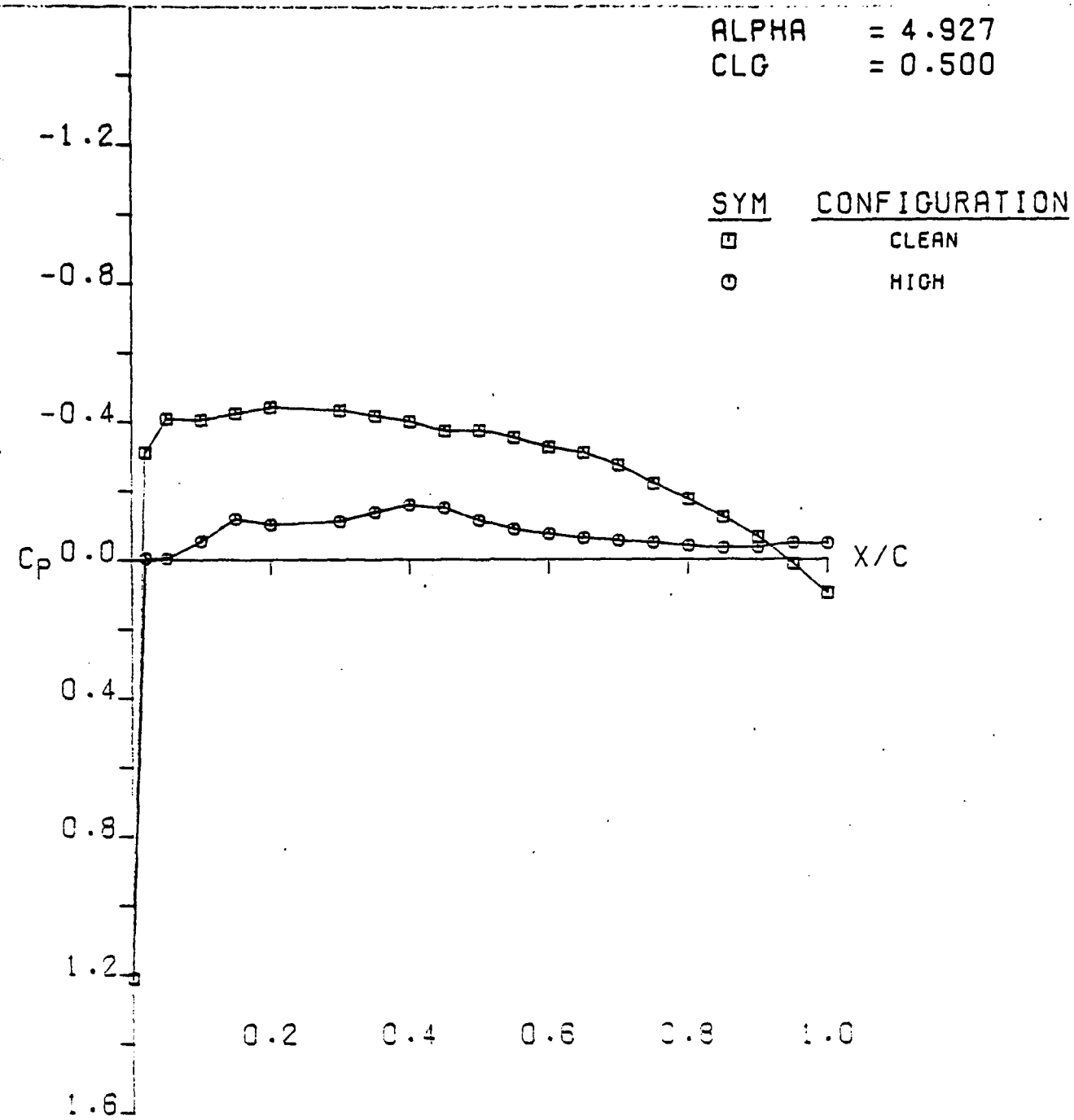
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS LOW (LWR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



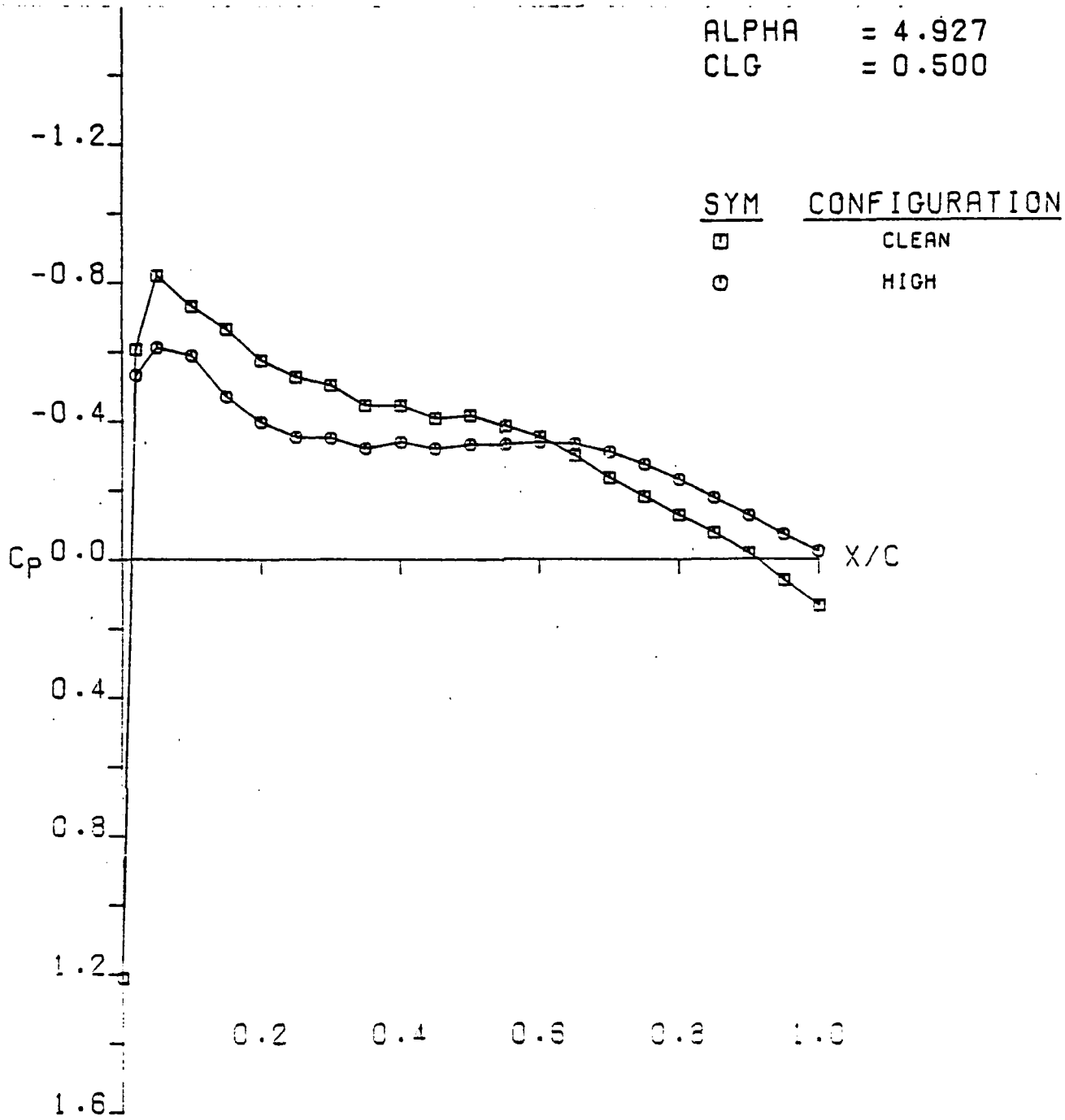
LOCKHEED CFWT SEMI-SPAN TEST, RUN 37
CLN VS LOW (LWR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



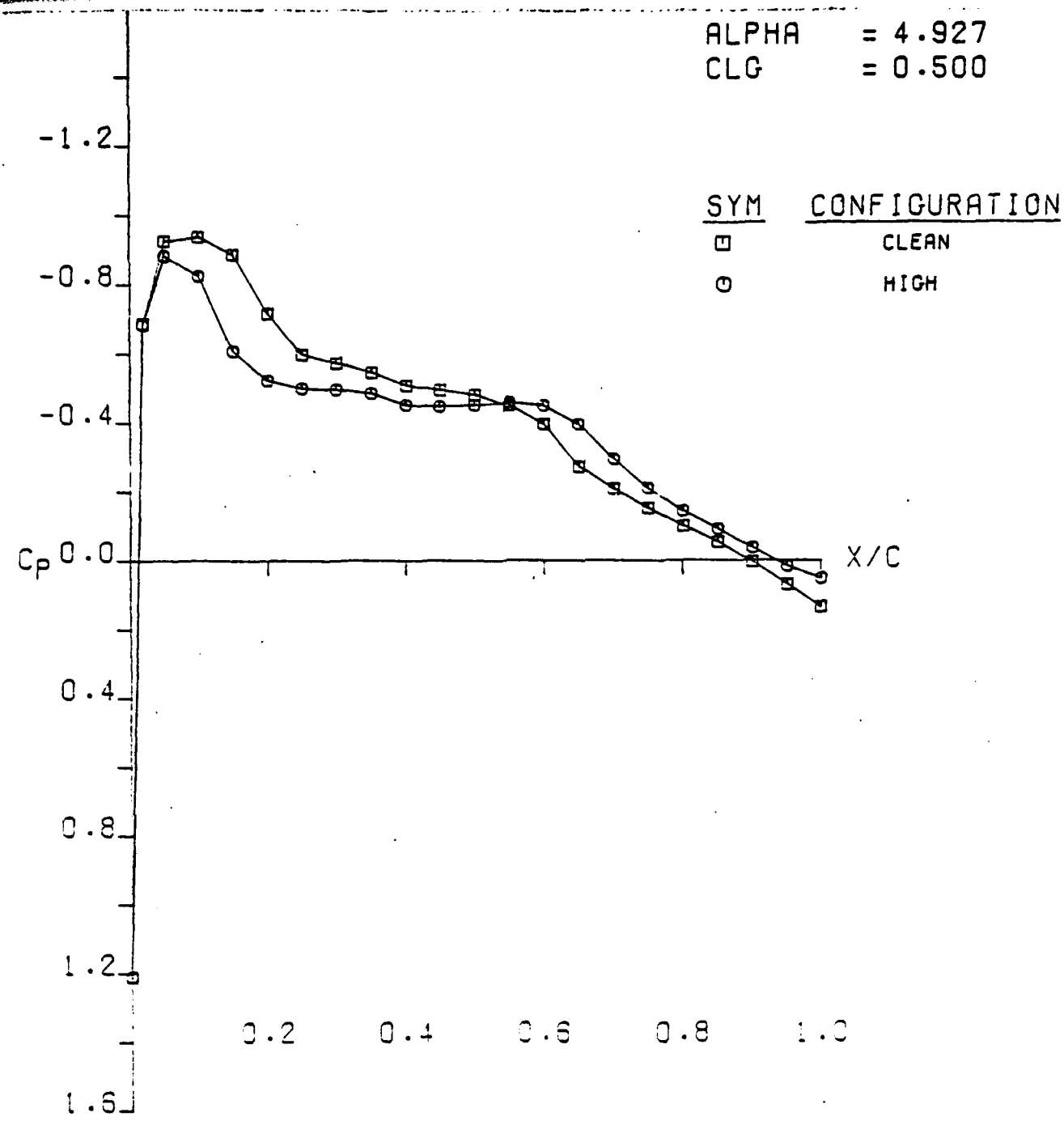
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS HIGH (UPR SURF)
NUMERICALLY OPTIMIZED WING C



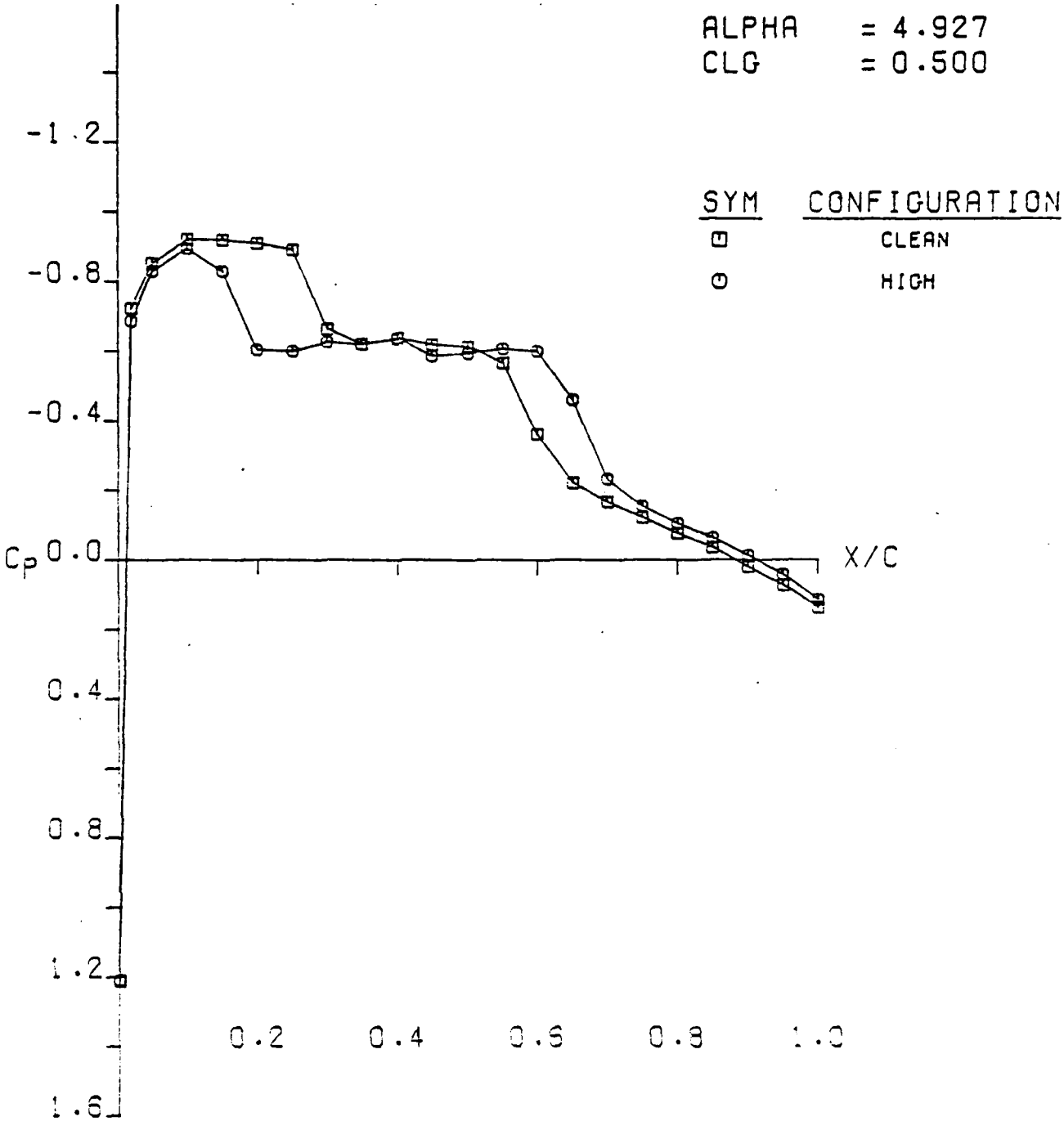
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS HIGH (UPR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



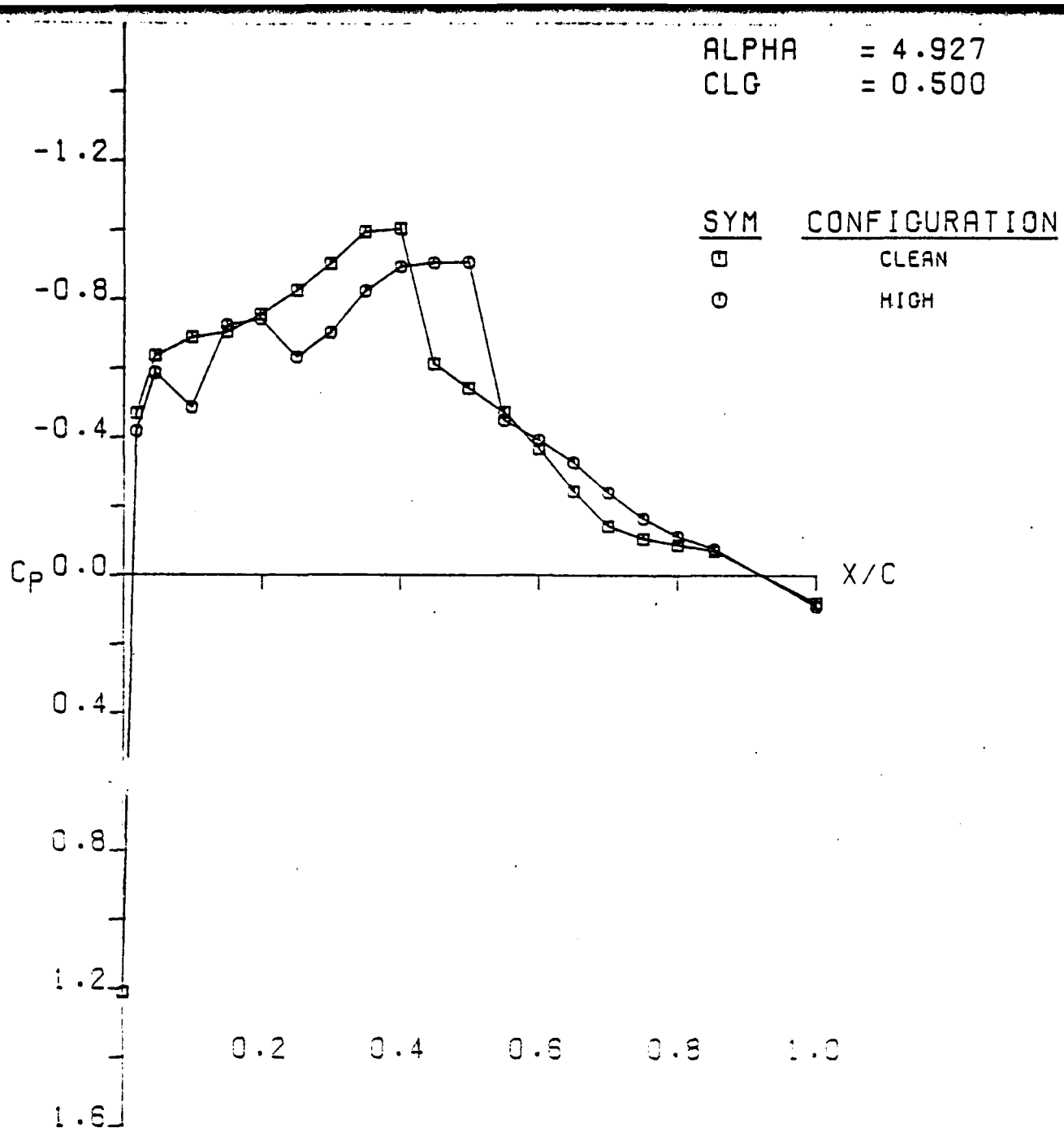
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS HIGH (UPR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



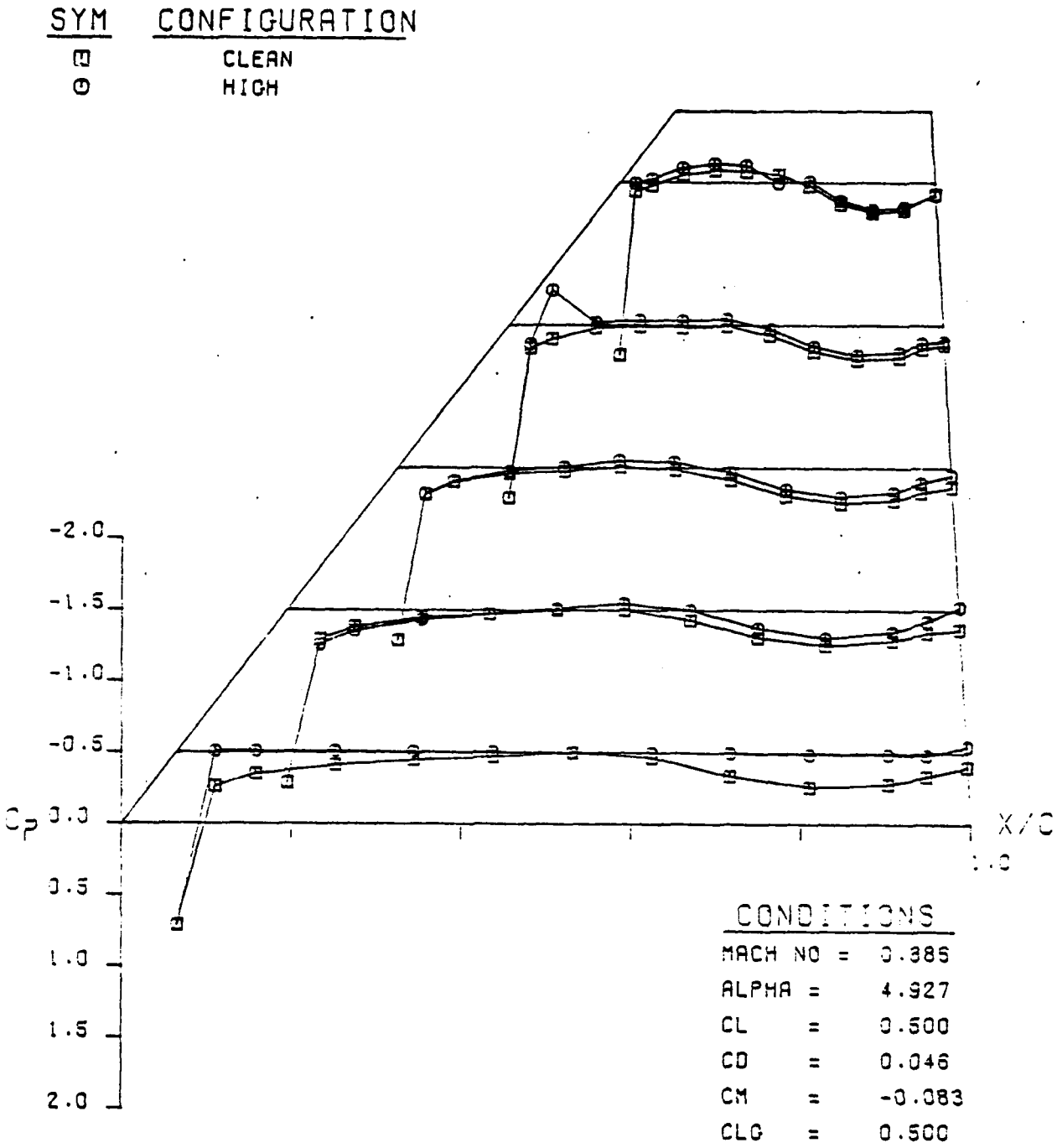
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS HIGH (UPR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



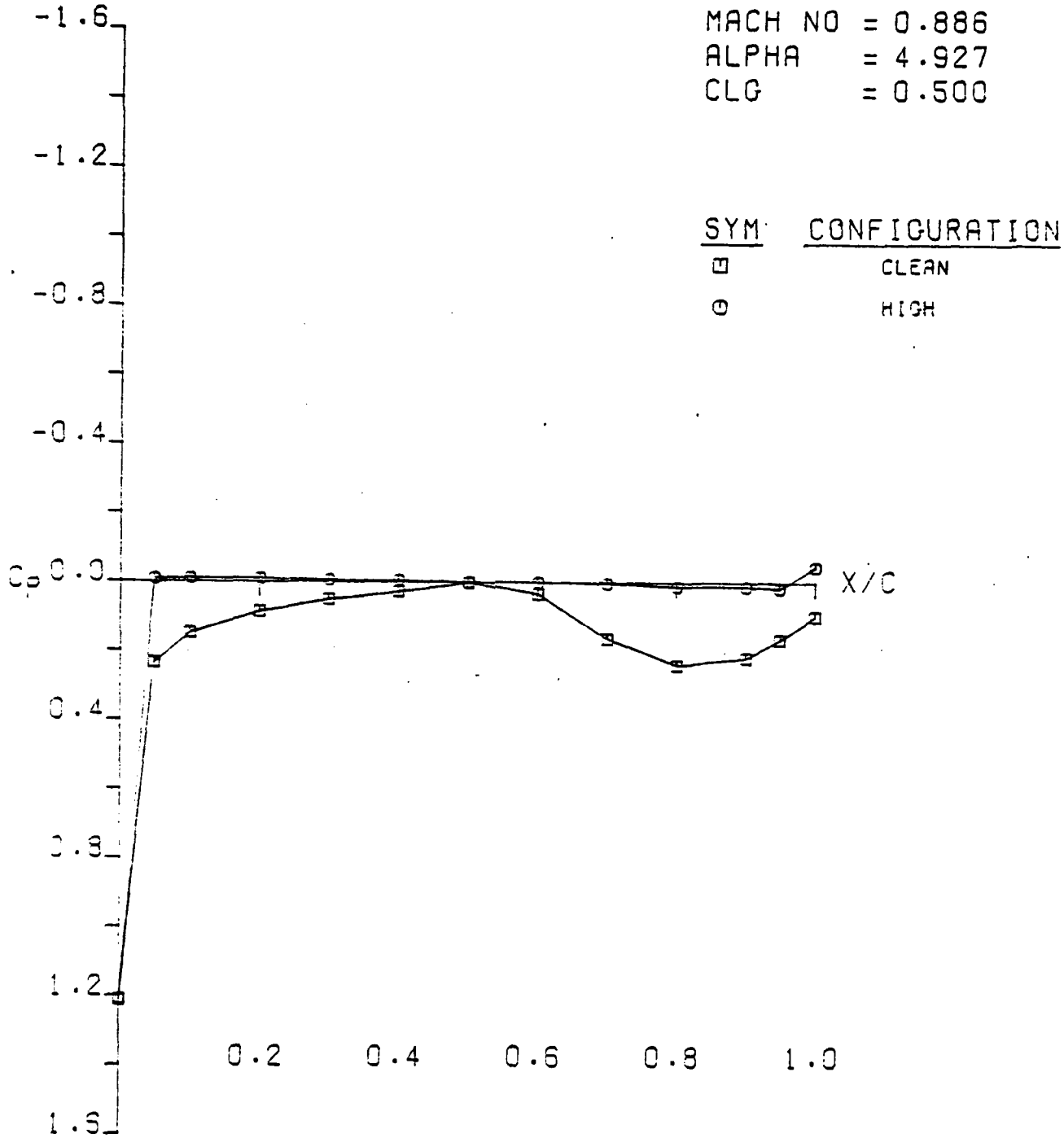
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS HIGH (UPR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



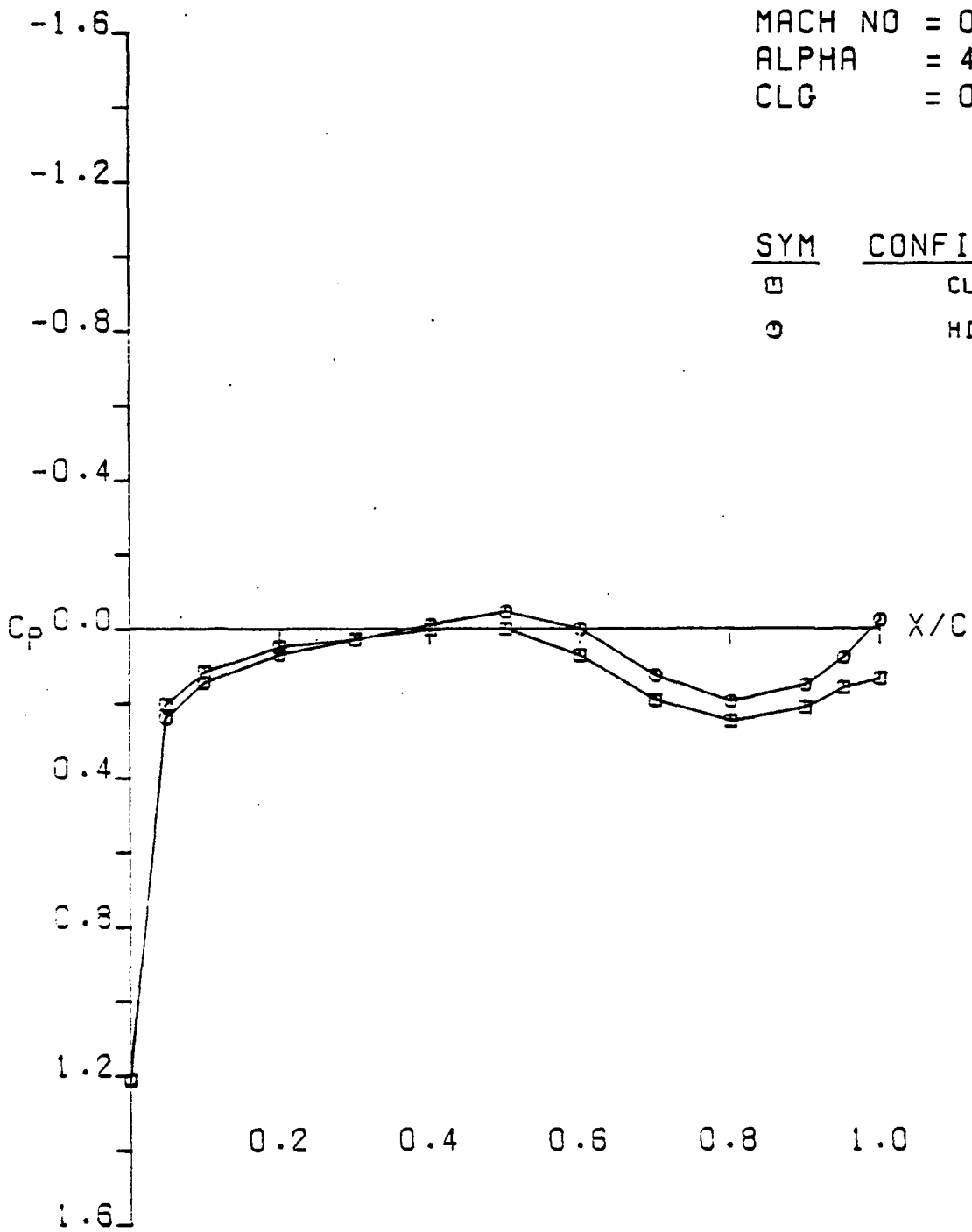
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS HIGH (UPR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



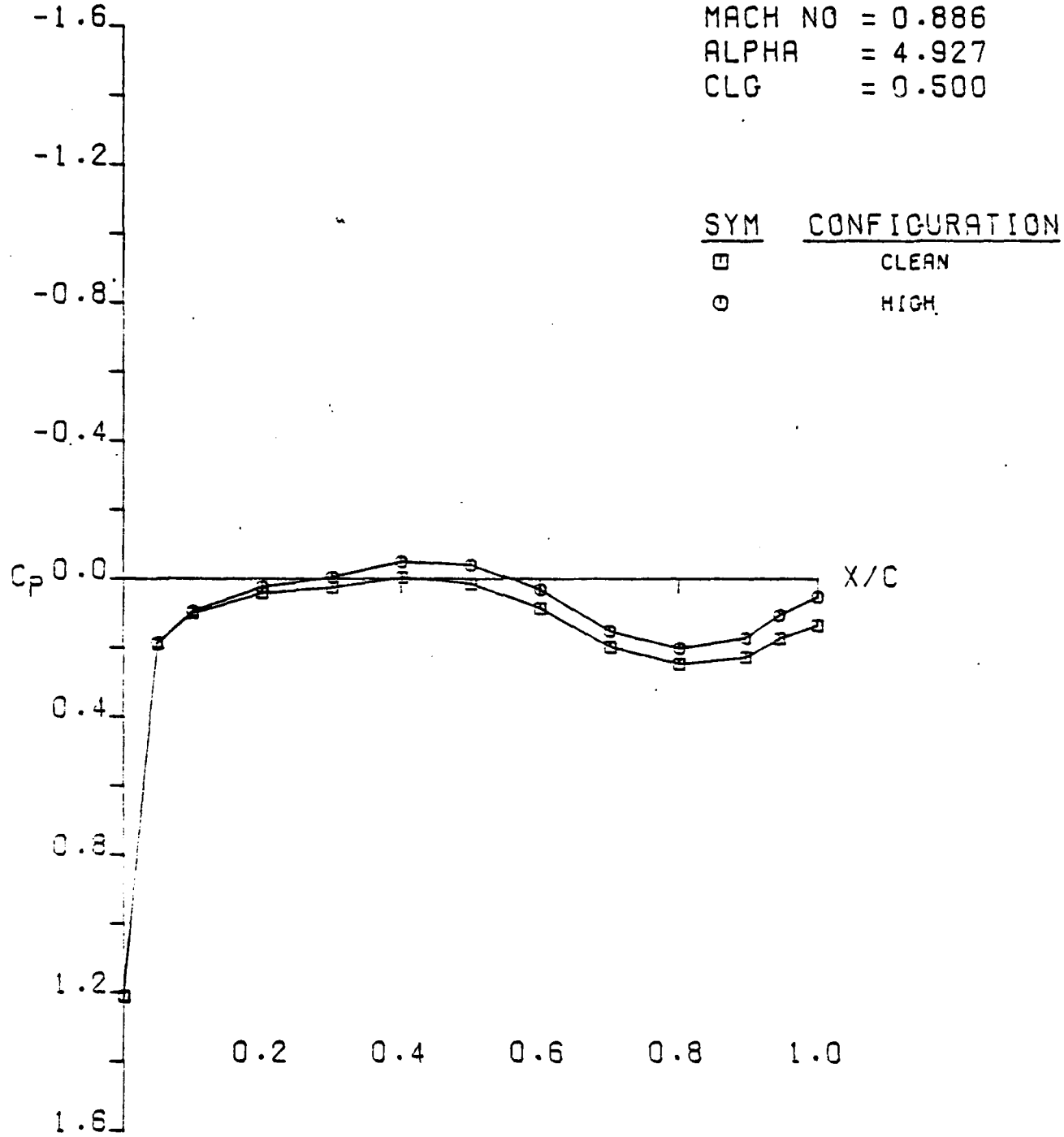
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS HIGH (LWR SURF)
NUMERICALLY OPTIMIZED WING C



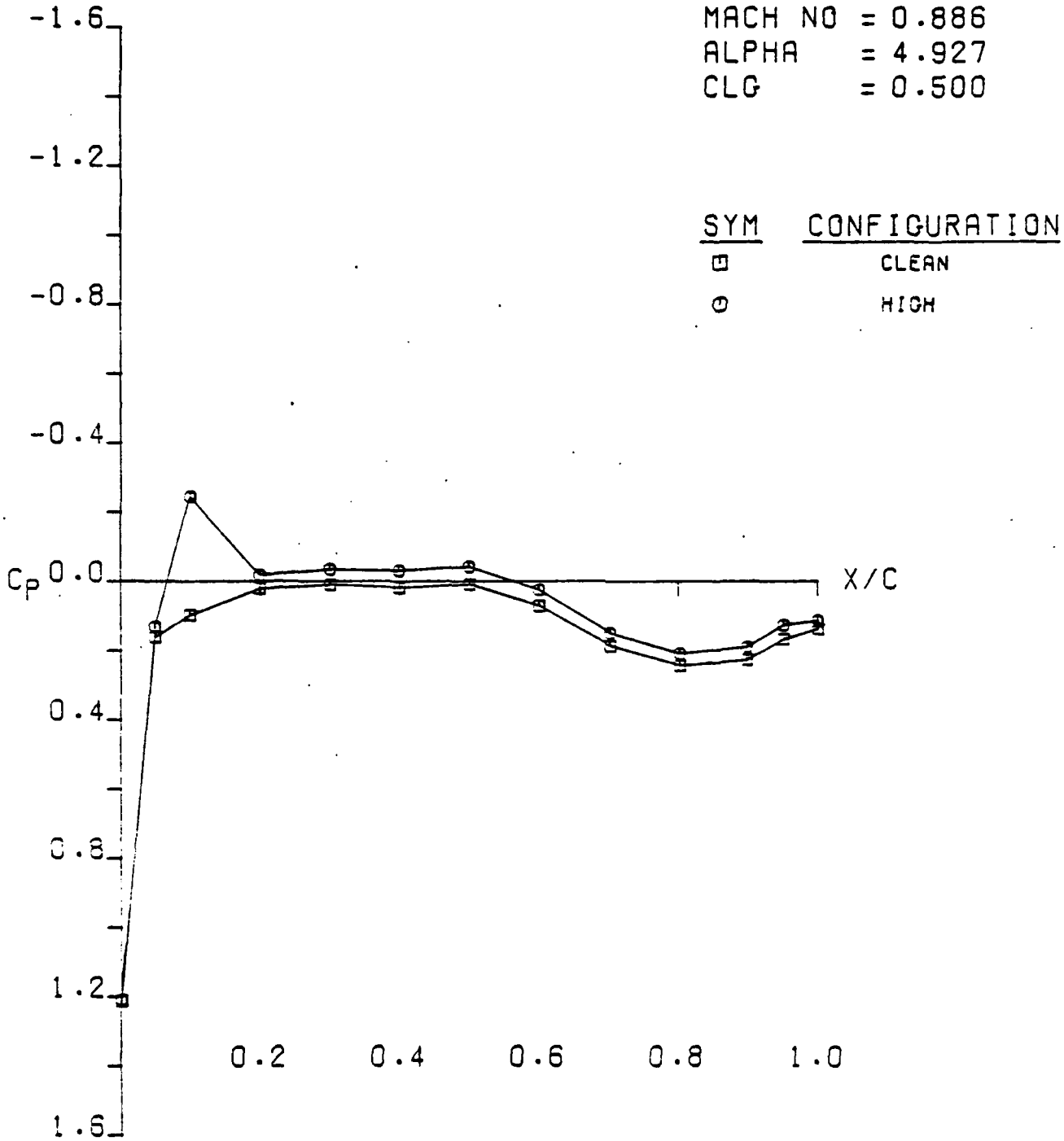
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS HIGH (LWR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



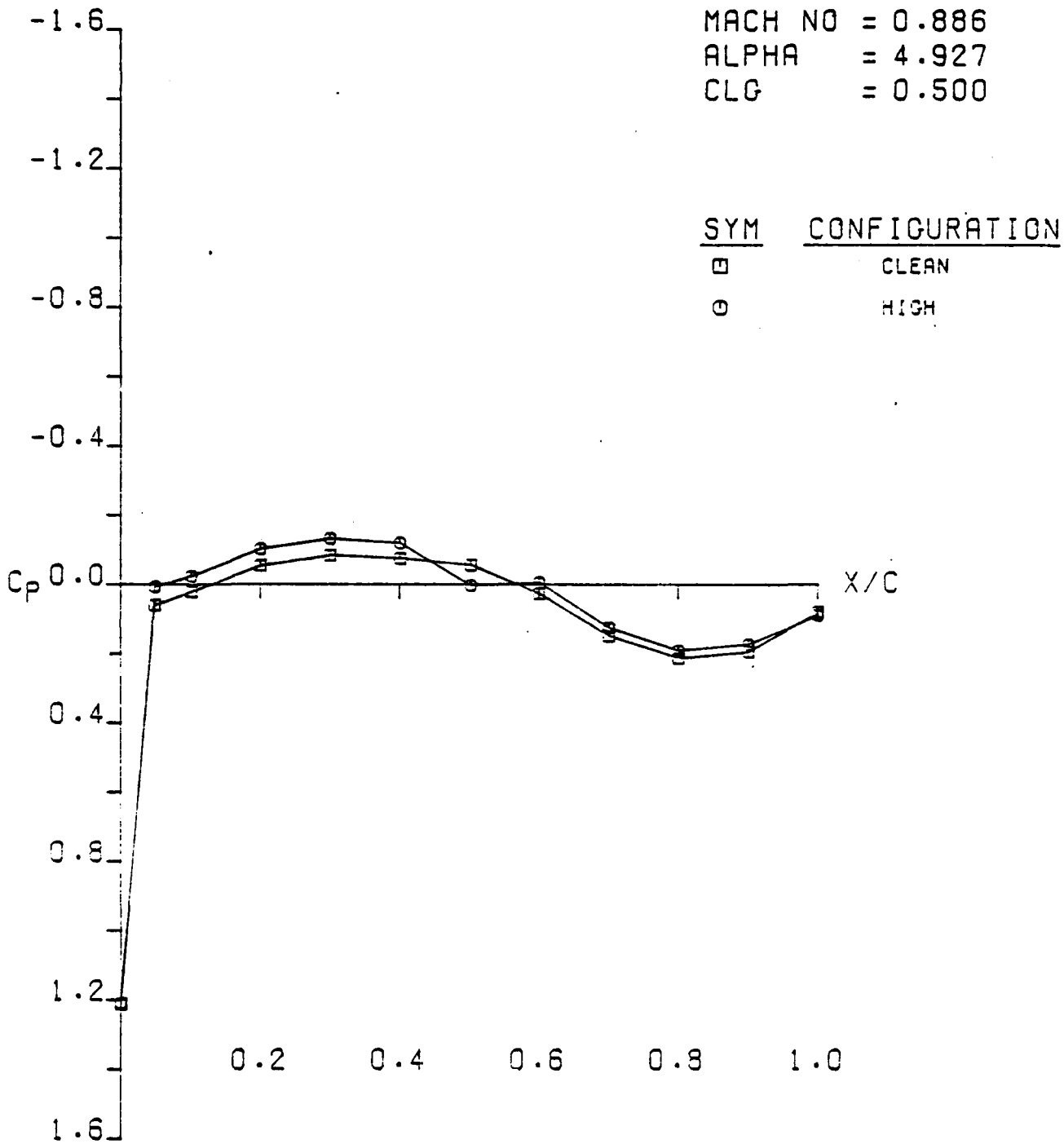
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS HIGH (LWR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



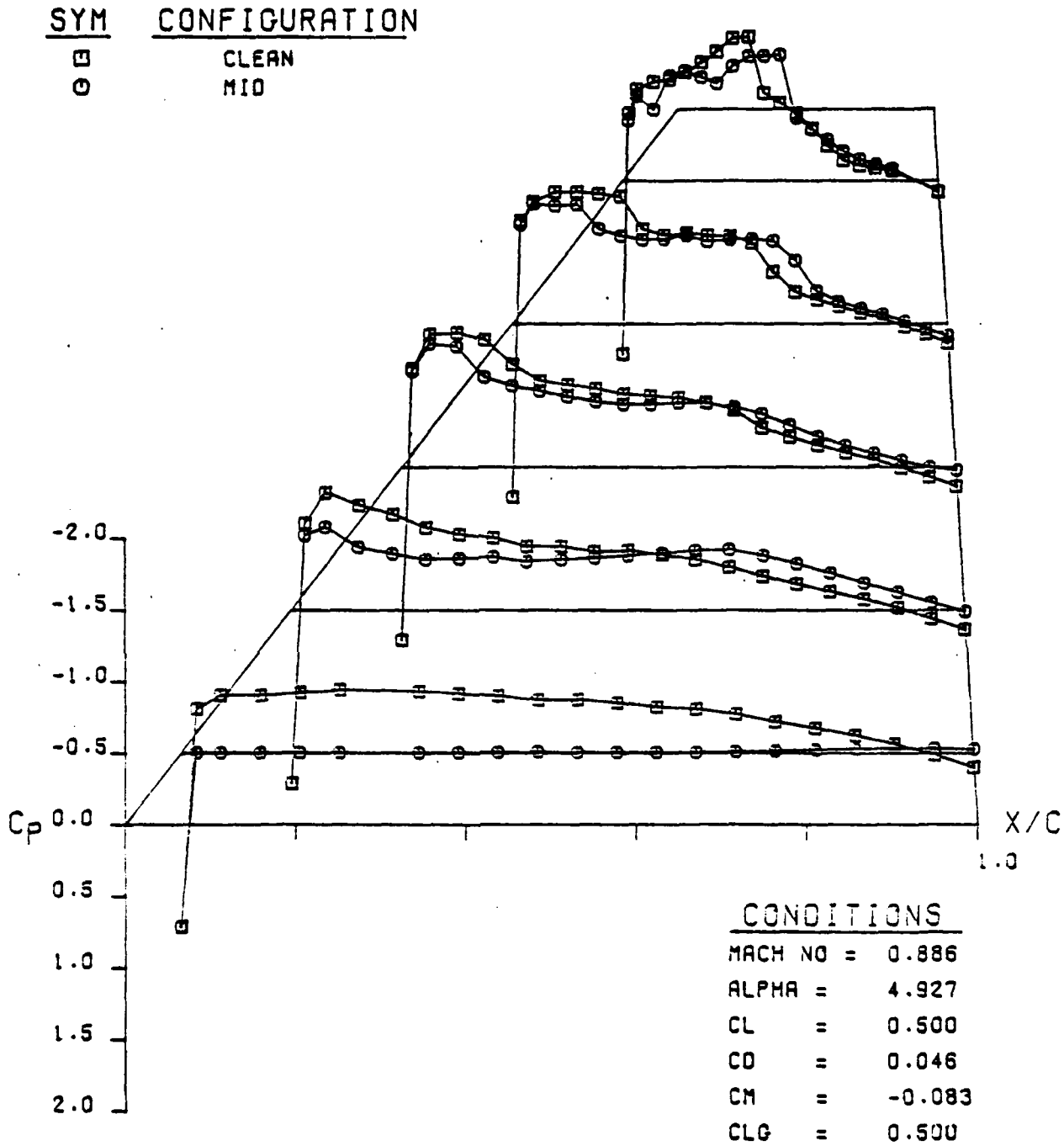
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS HIGH (LWR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



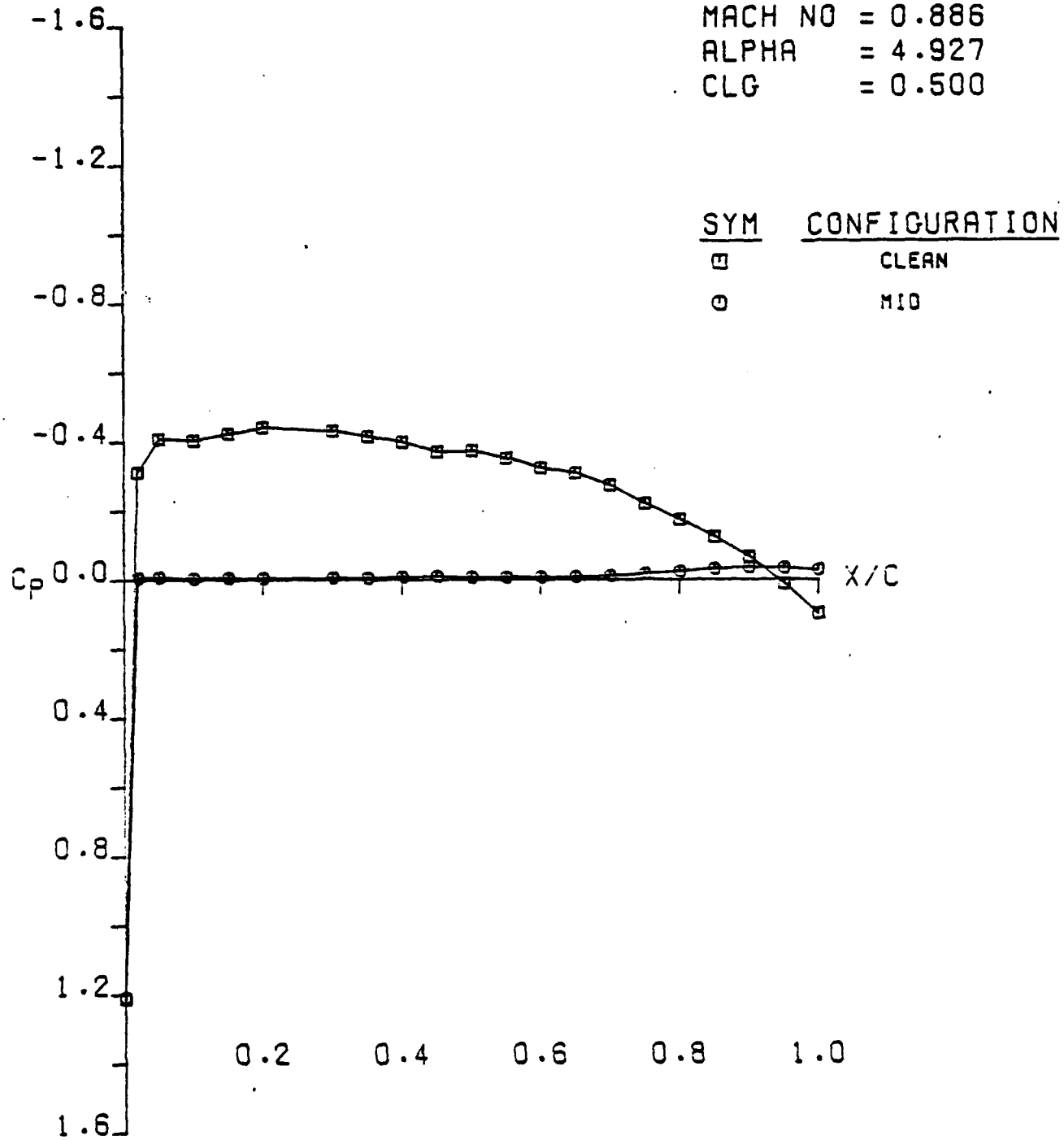
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS HIGH (LWR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



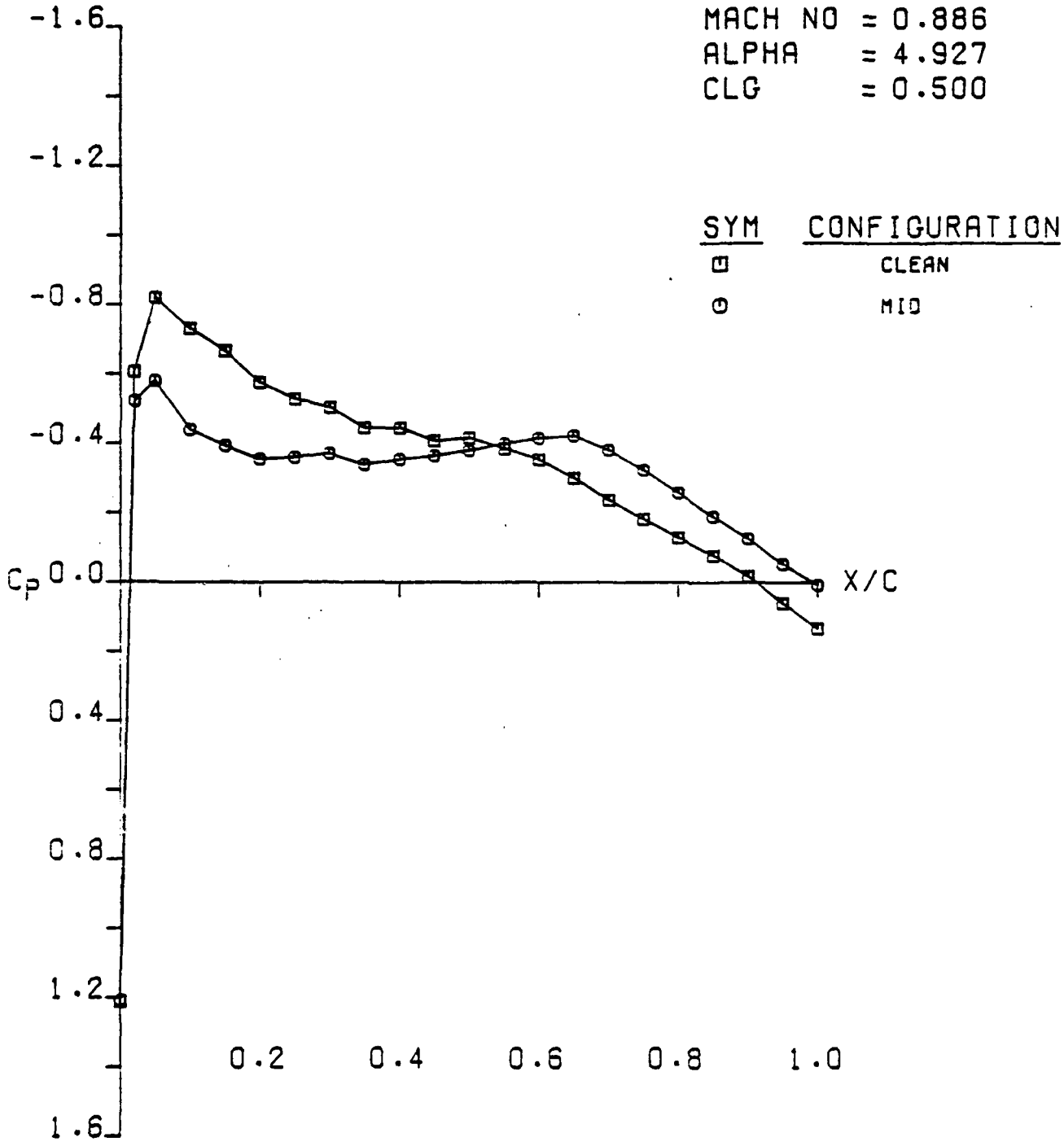
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS HIGH (LWR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



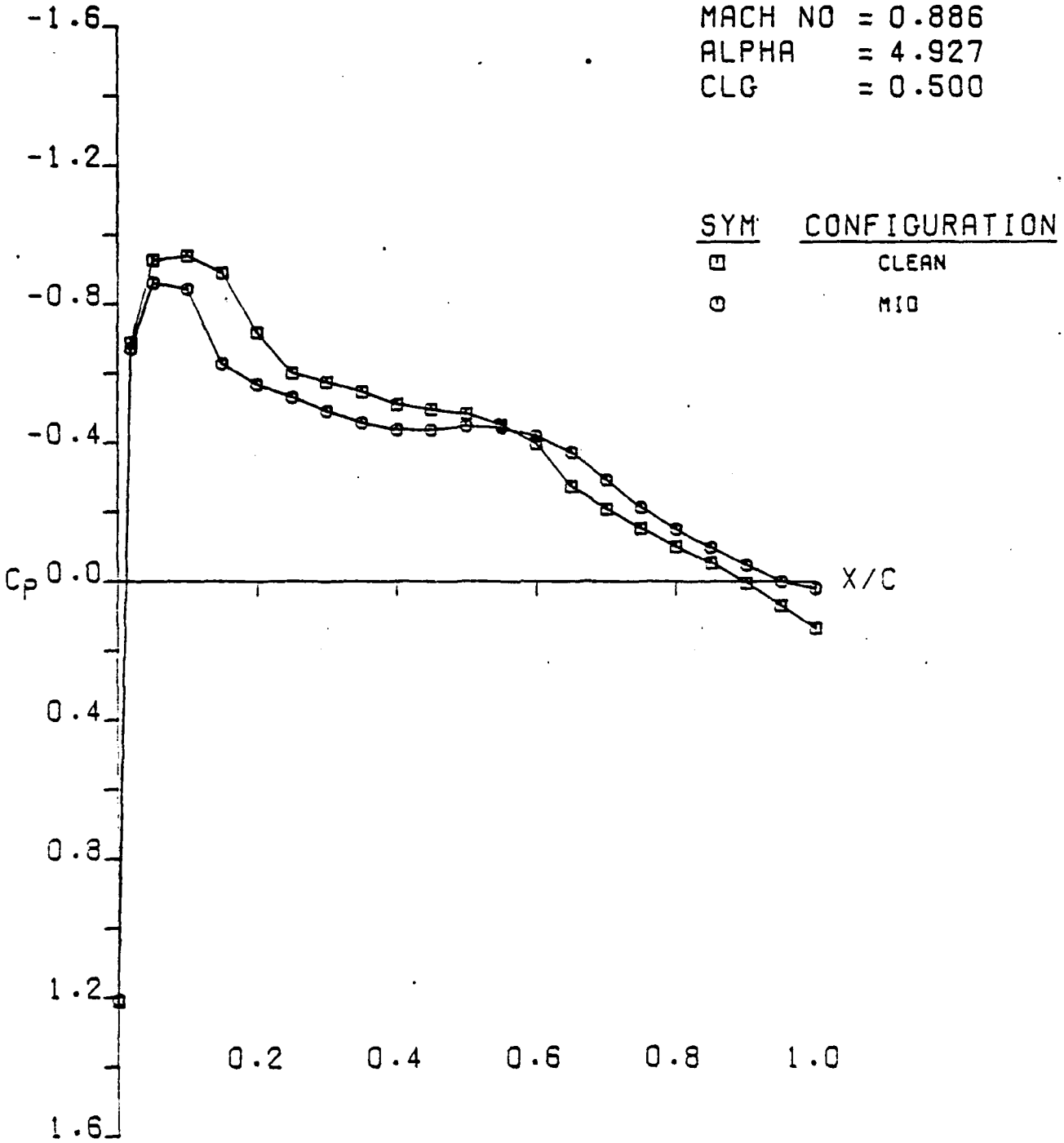
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS MID - NO SEAL (UPR SURF)
NUMERICALLY OPTIMIZED WING C



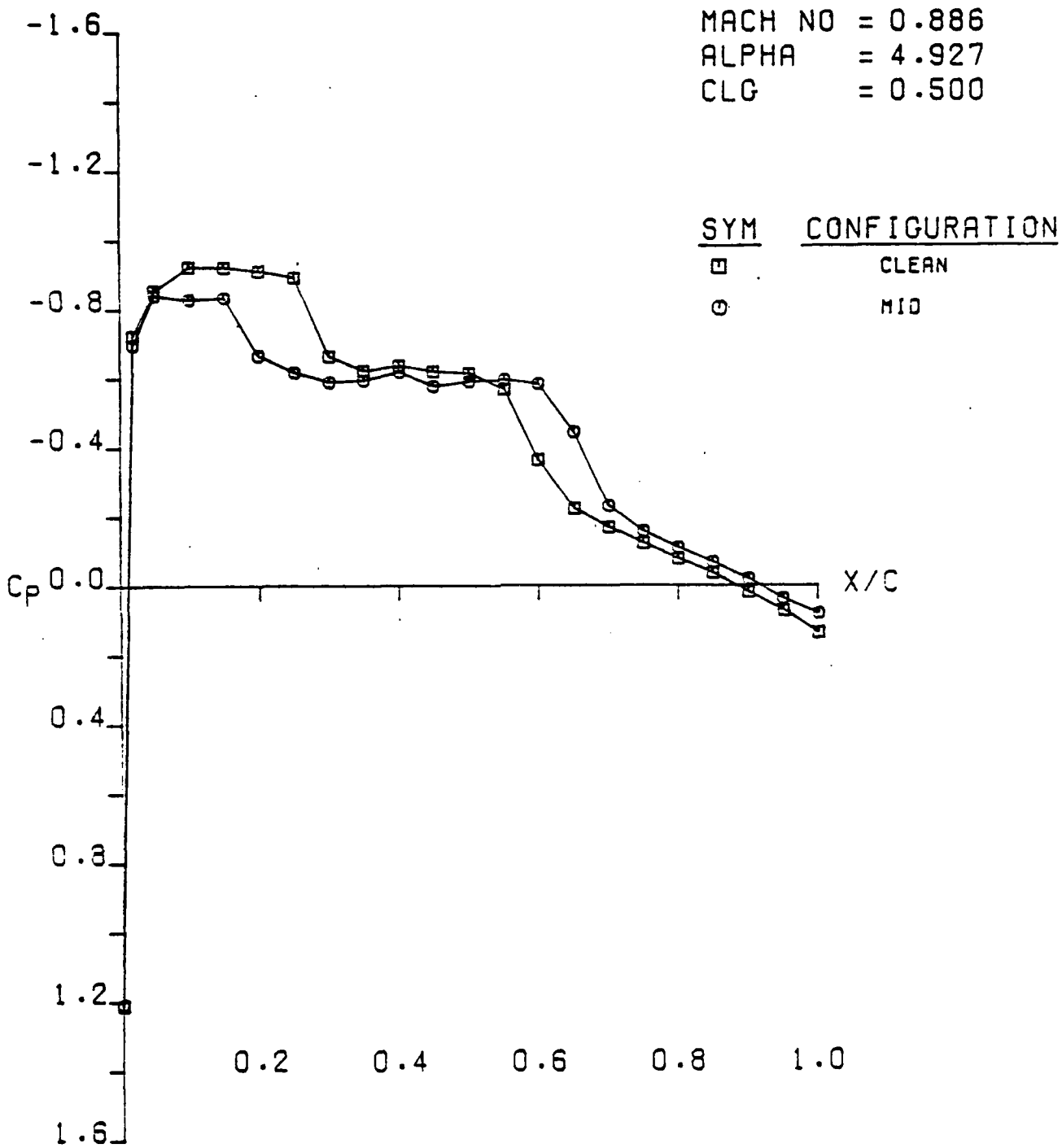
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS MID - NO SEAL (UPR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



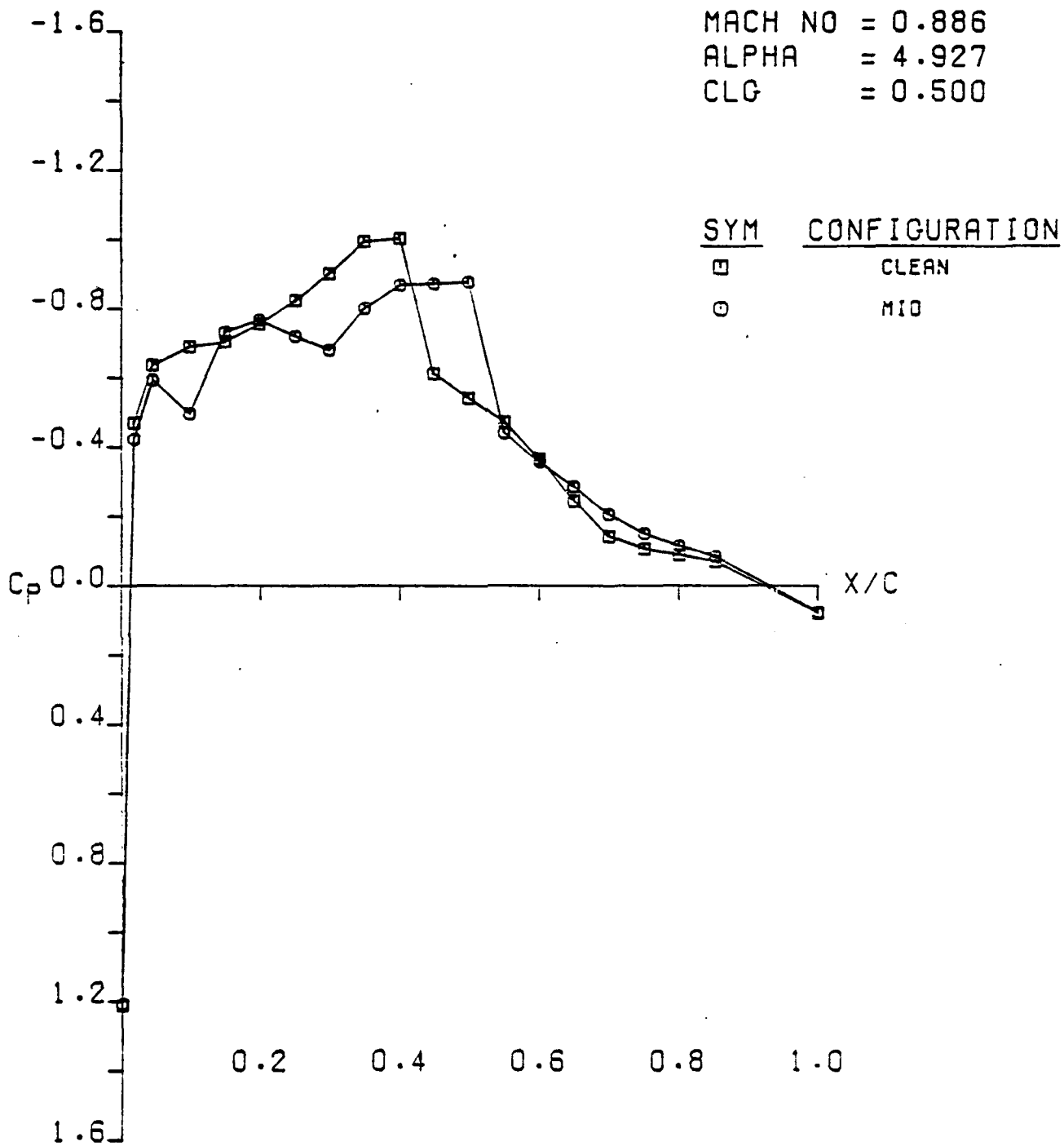
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS MID - NO SEAL (UPR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



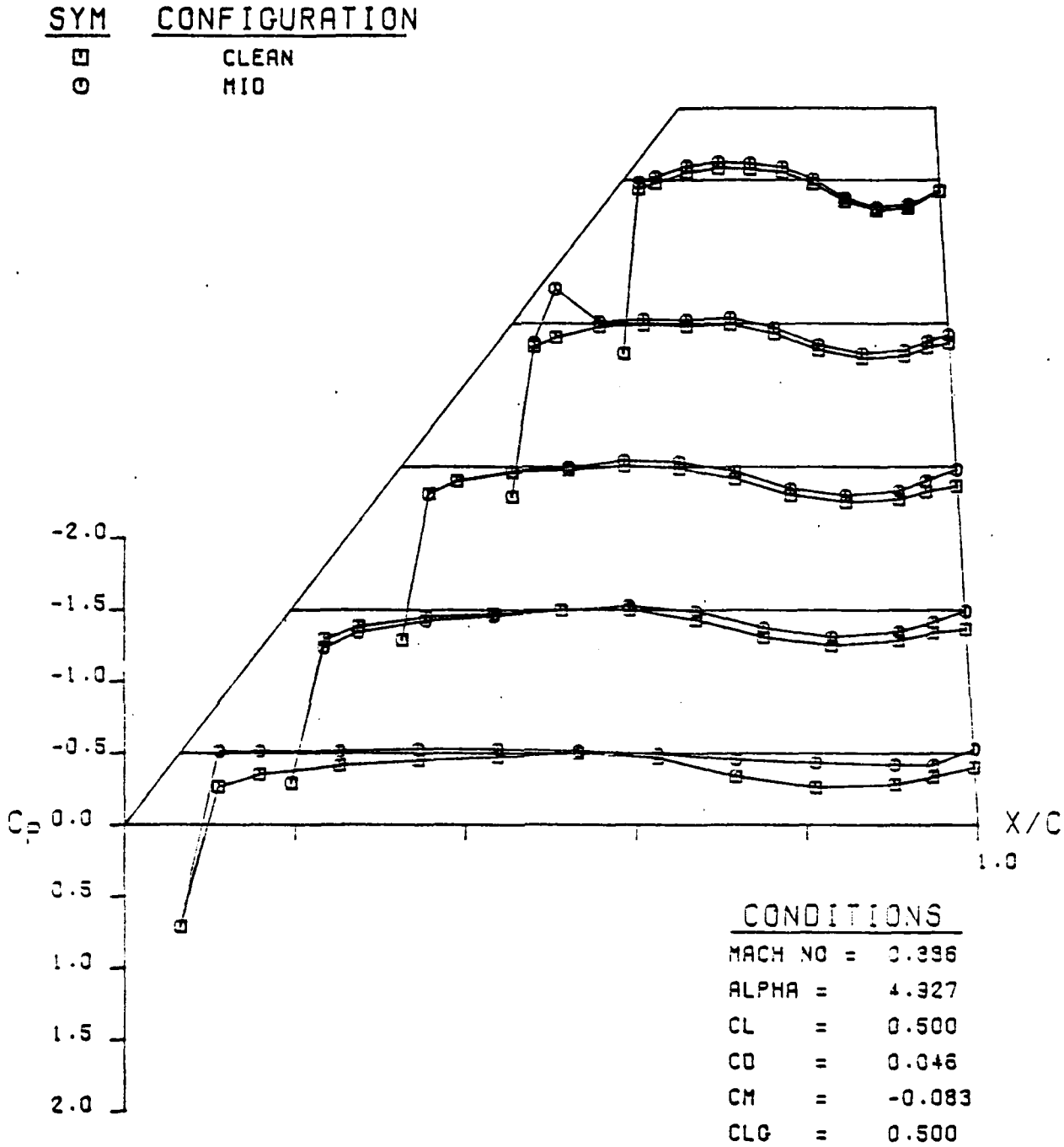
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS MID - NO SEAL (UPR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



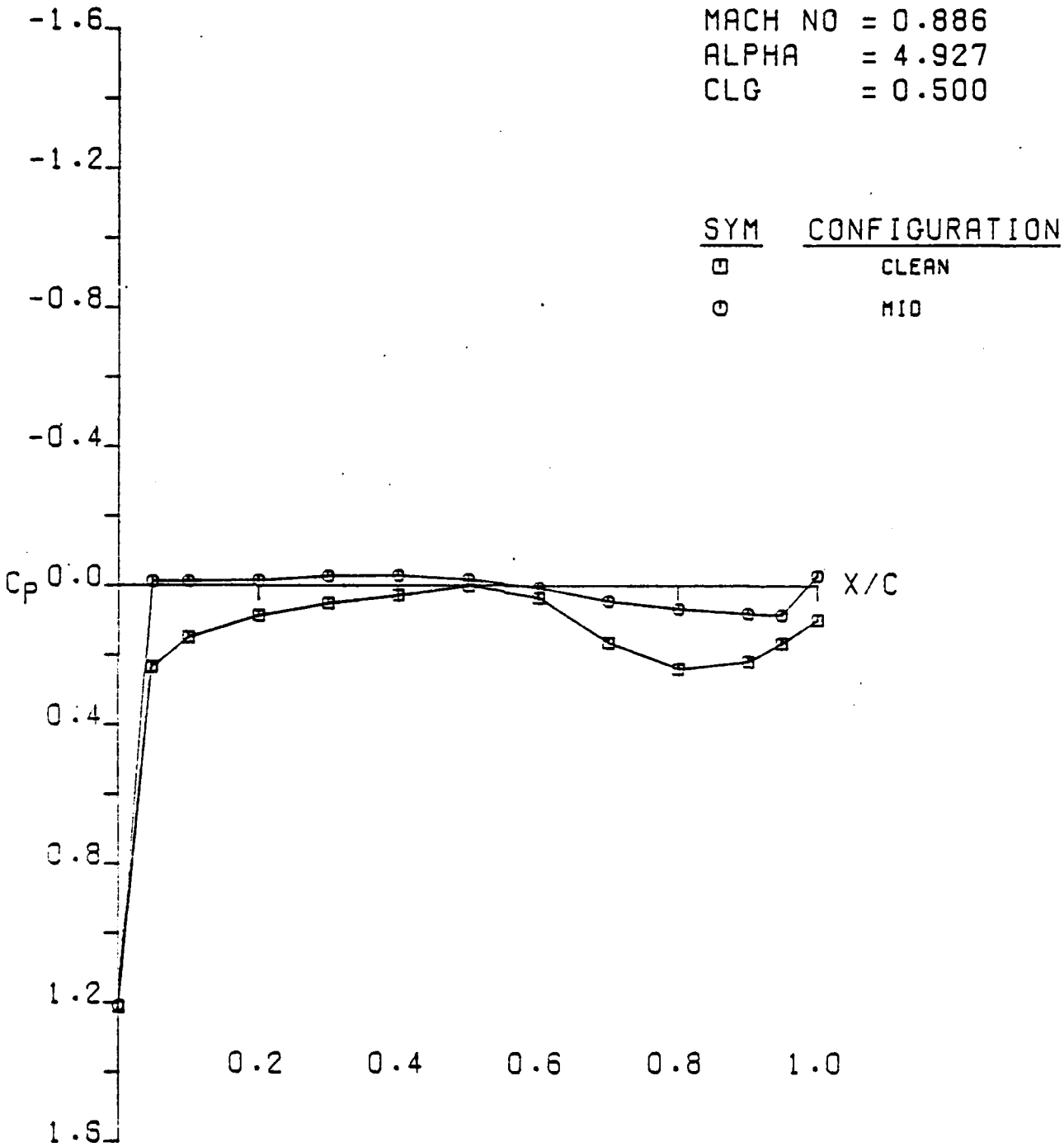
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS MID - NO SEAL (UPR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



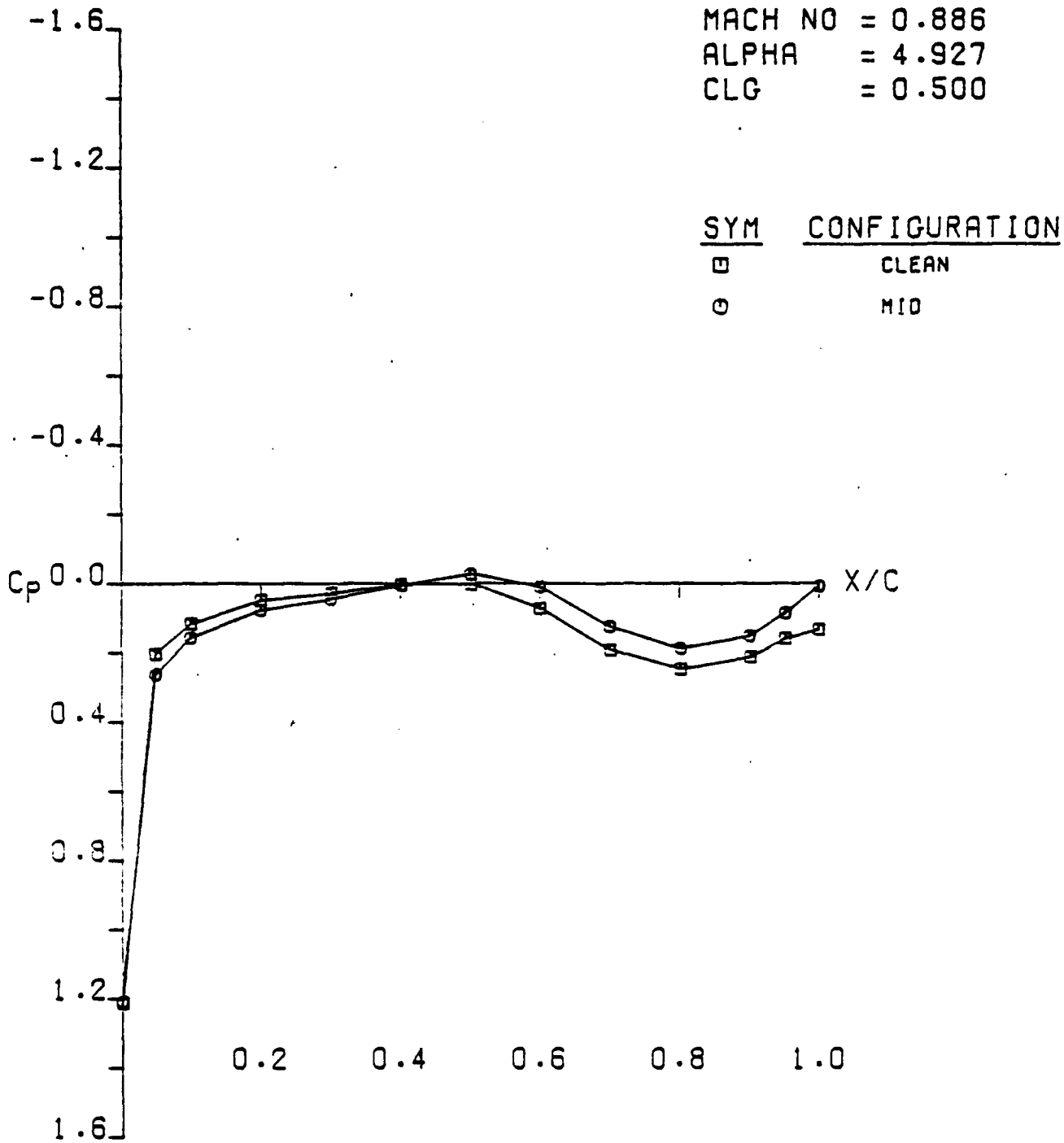
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS MID - NO SEAL (UPR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



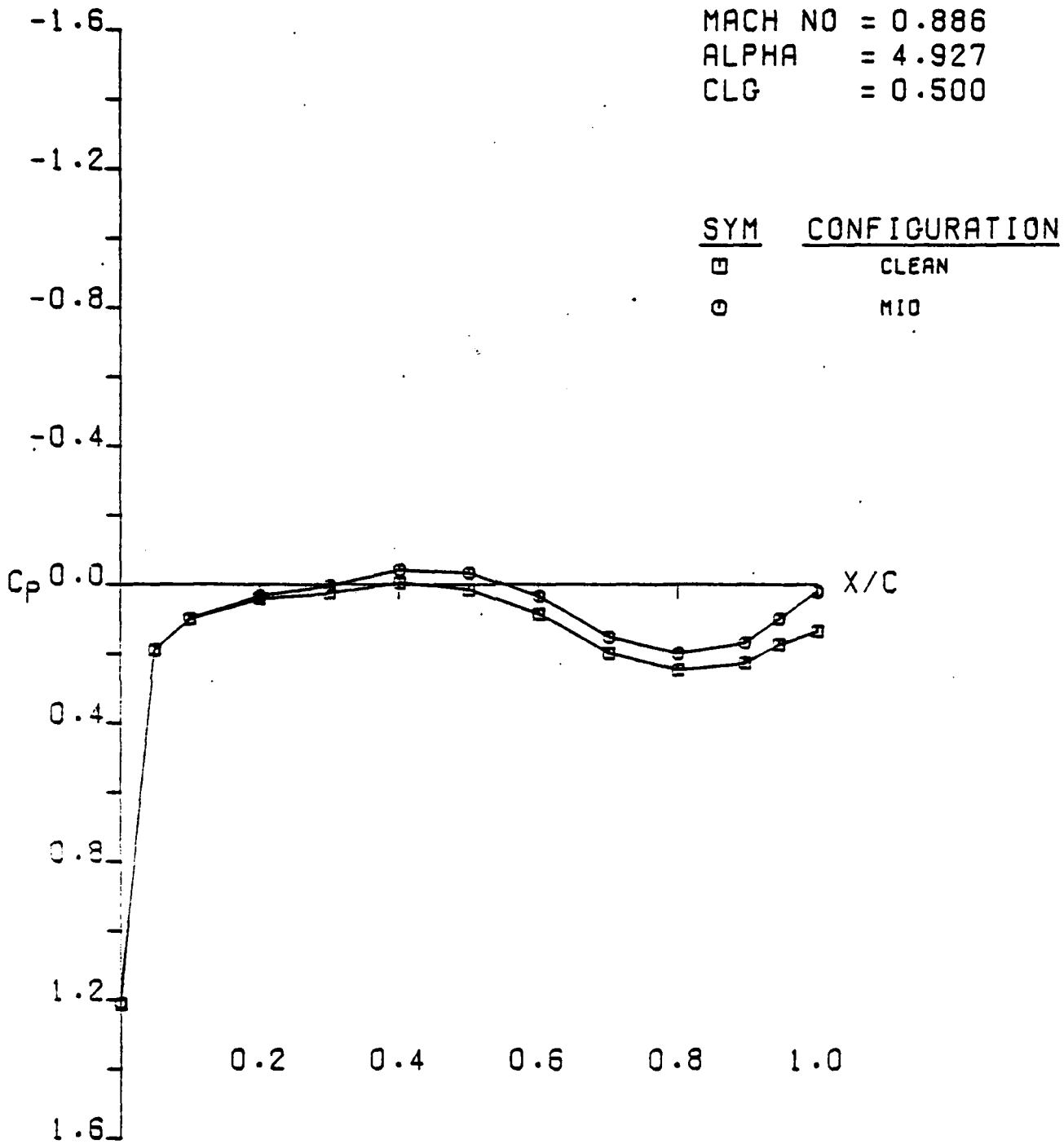
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS MID - NO SEAL (LWR SURF)
NUMERICALLY OPTIMIZED WING C



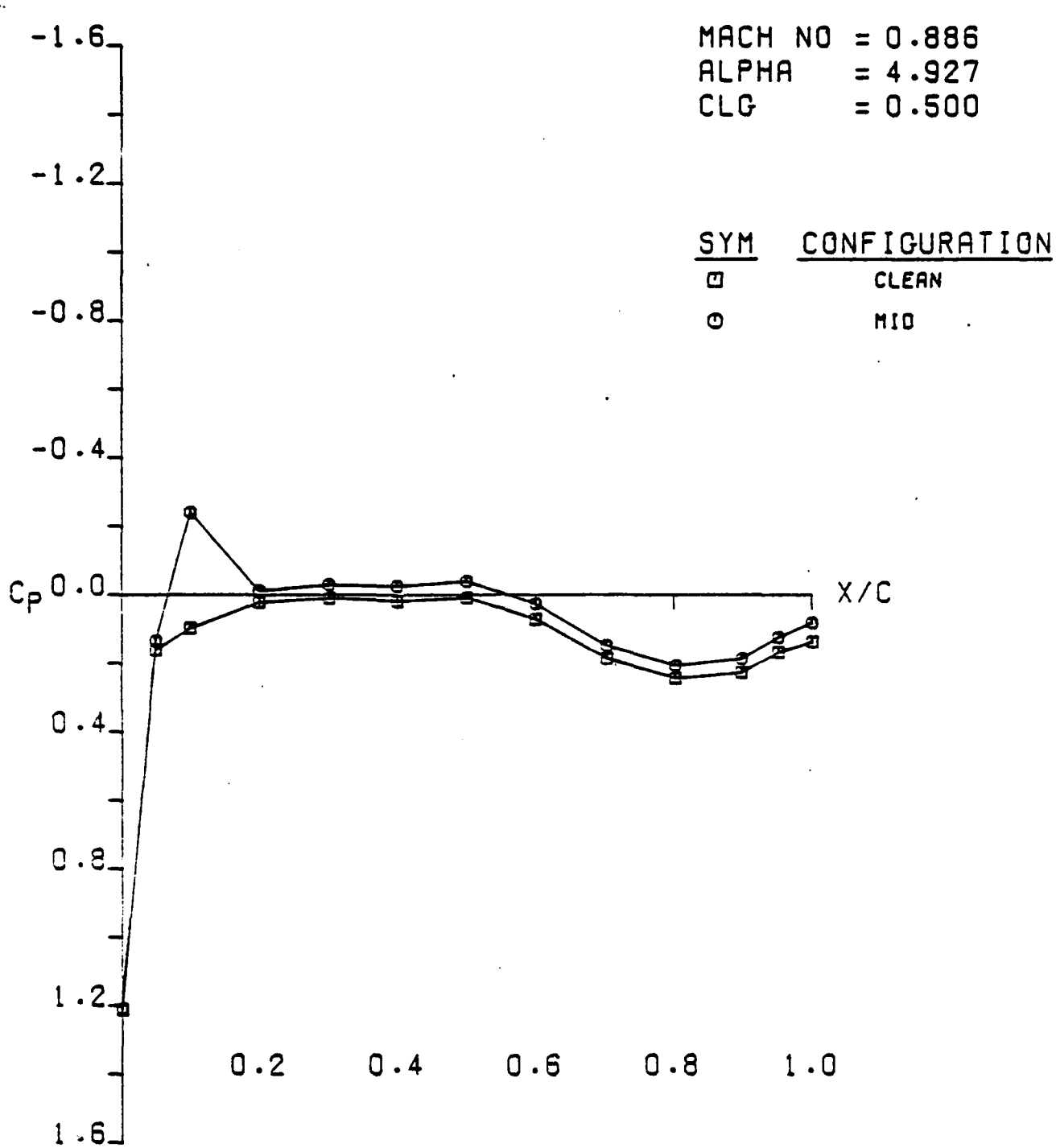
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS MID - NO SEAL (LWR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



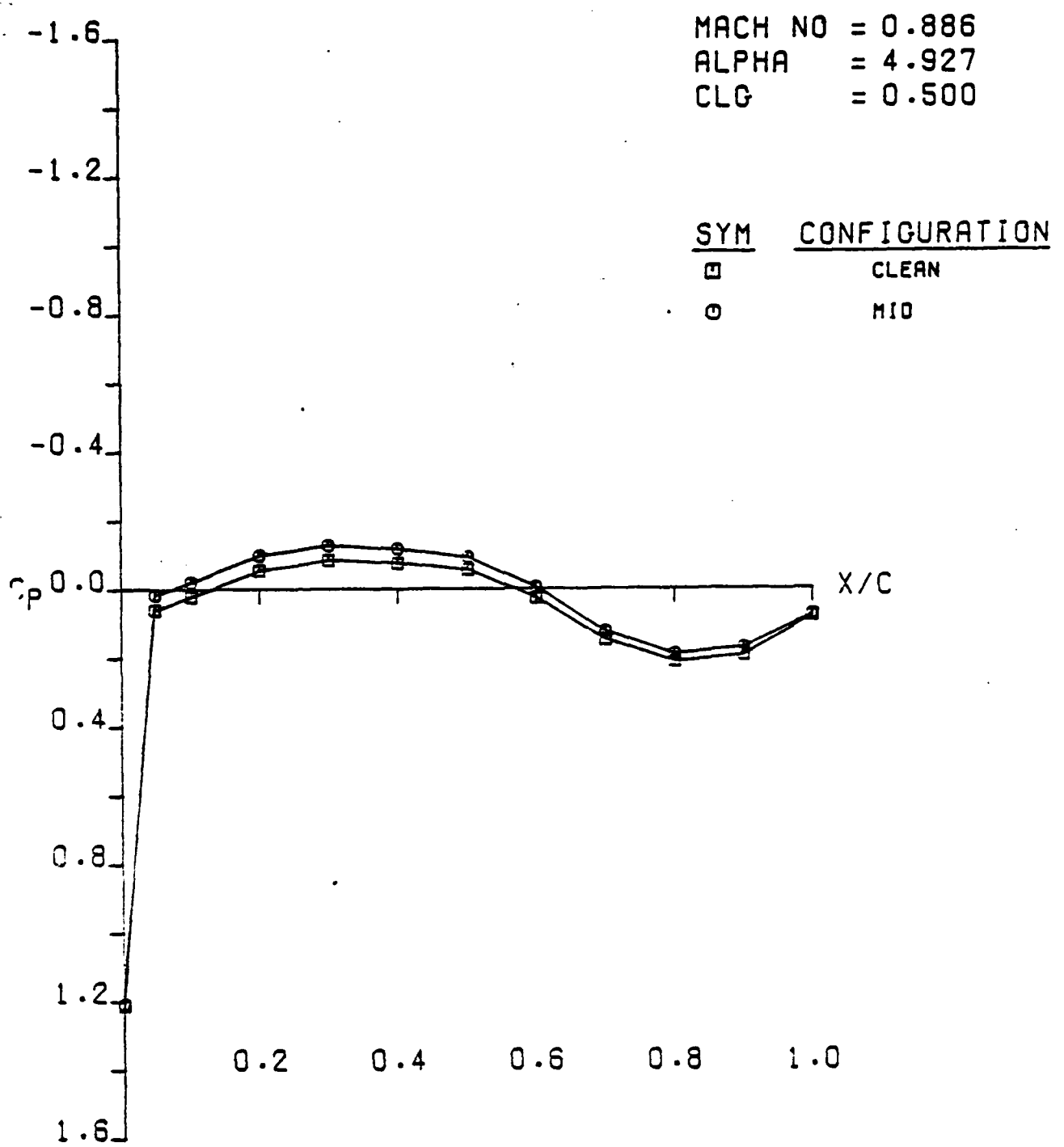
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS MID - NO SEAL (LWR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



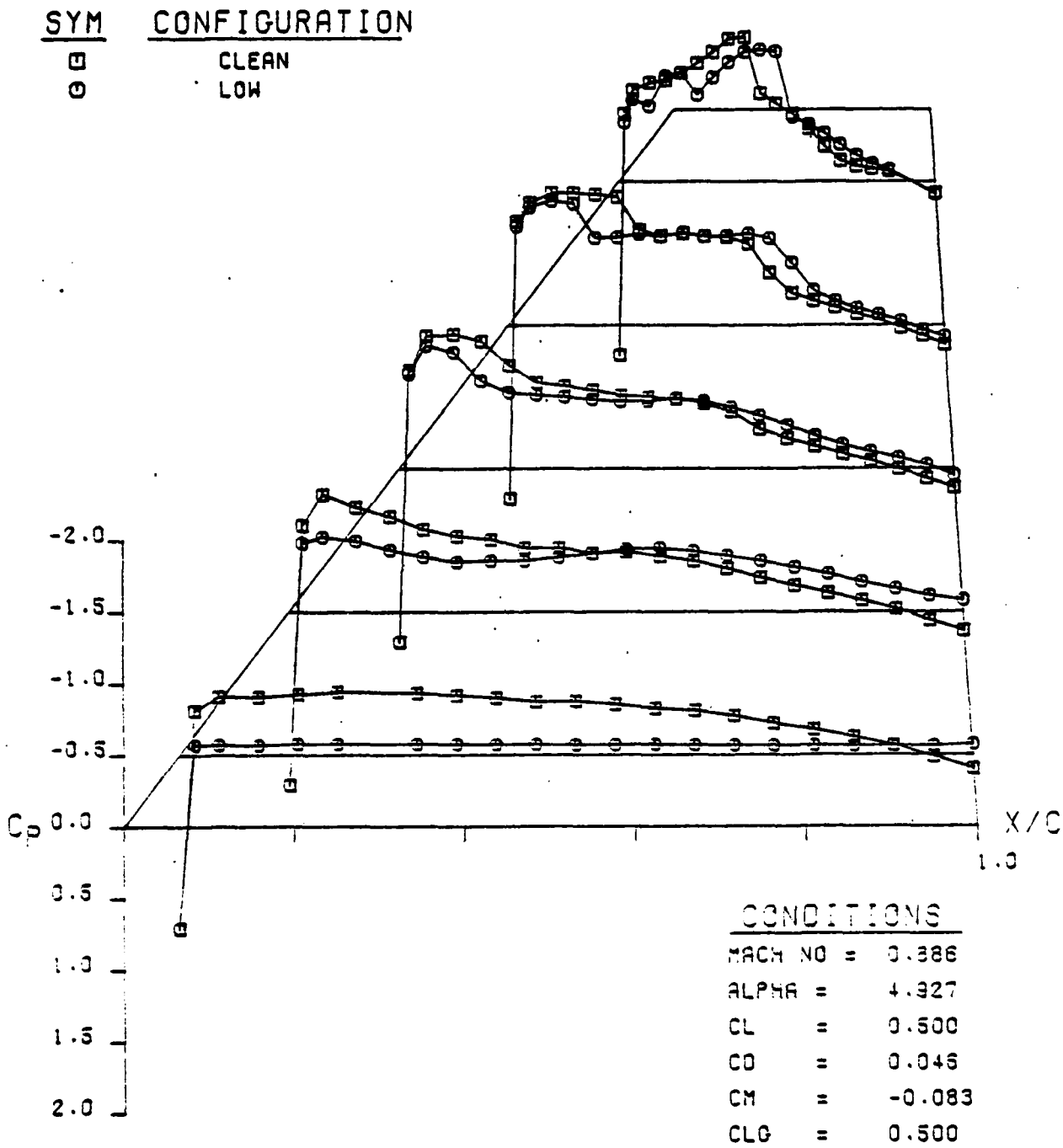
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS MID - NO SEAL (LWR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



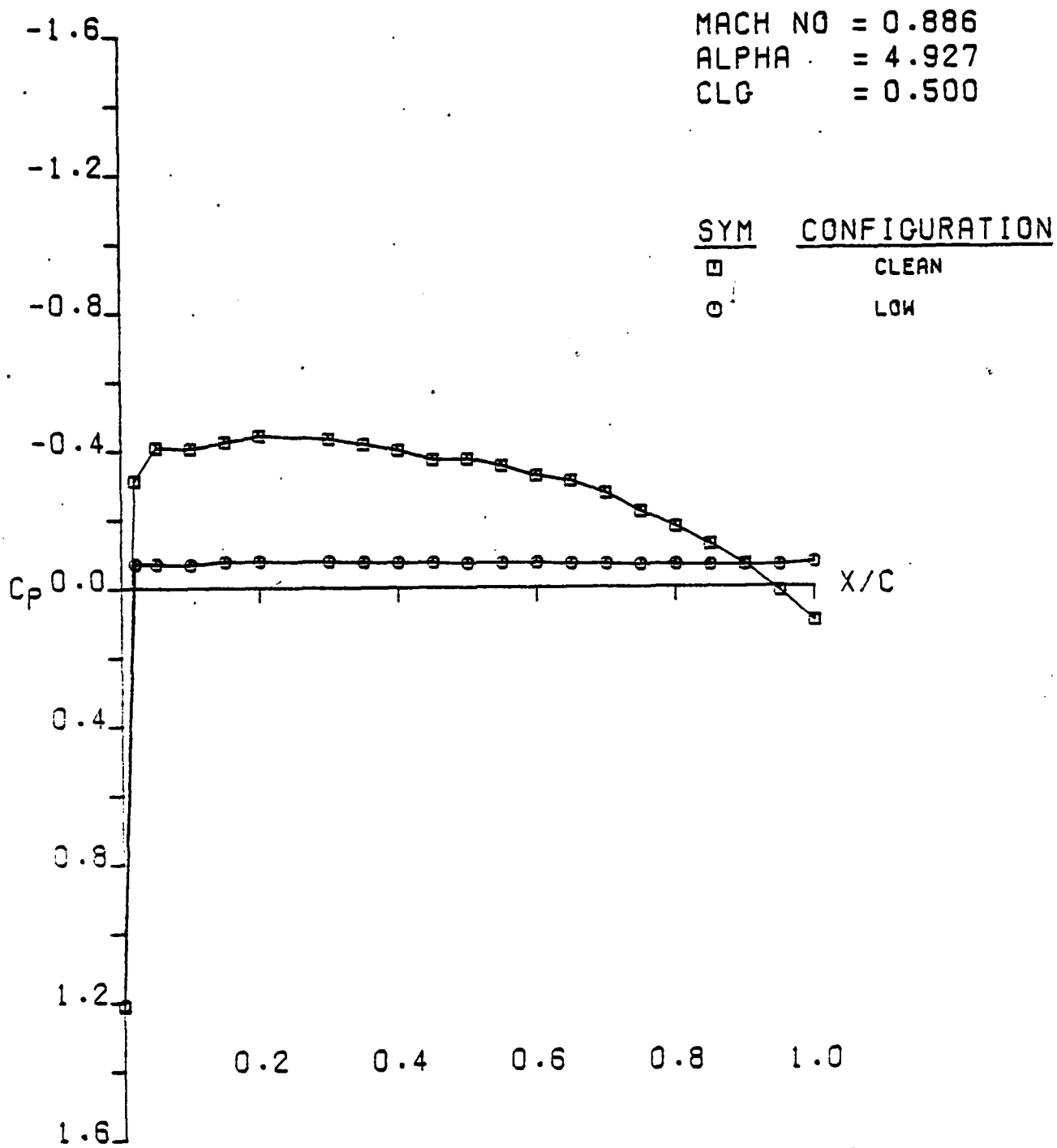
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS MID - NO SEAL (LWR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



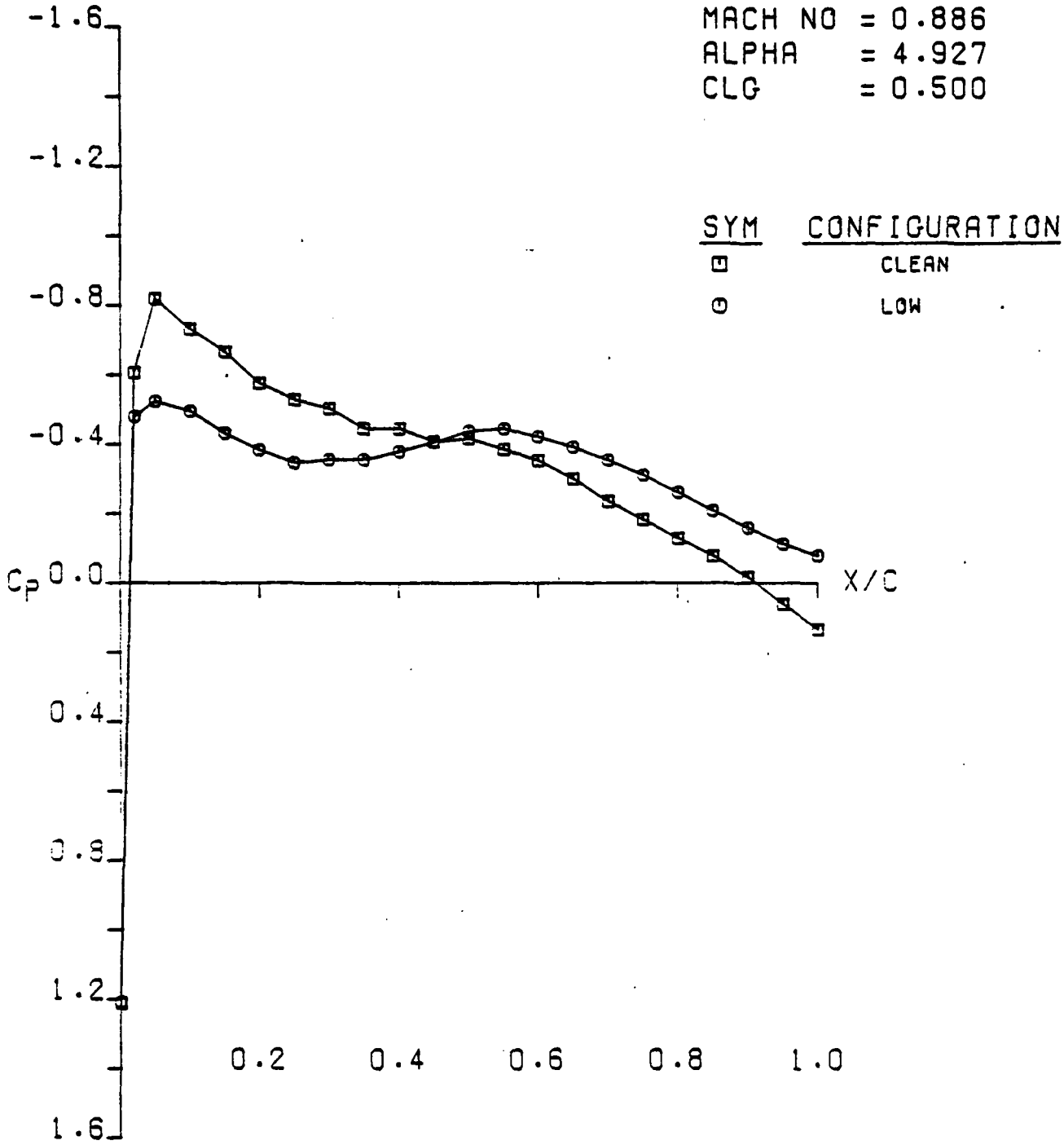
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS MID - NO SEAL (LWR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



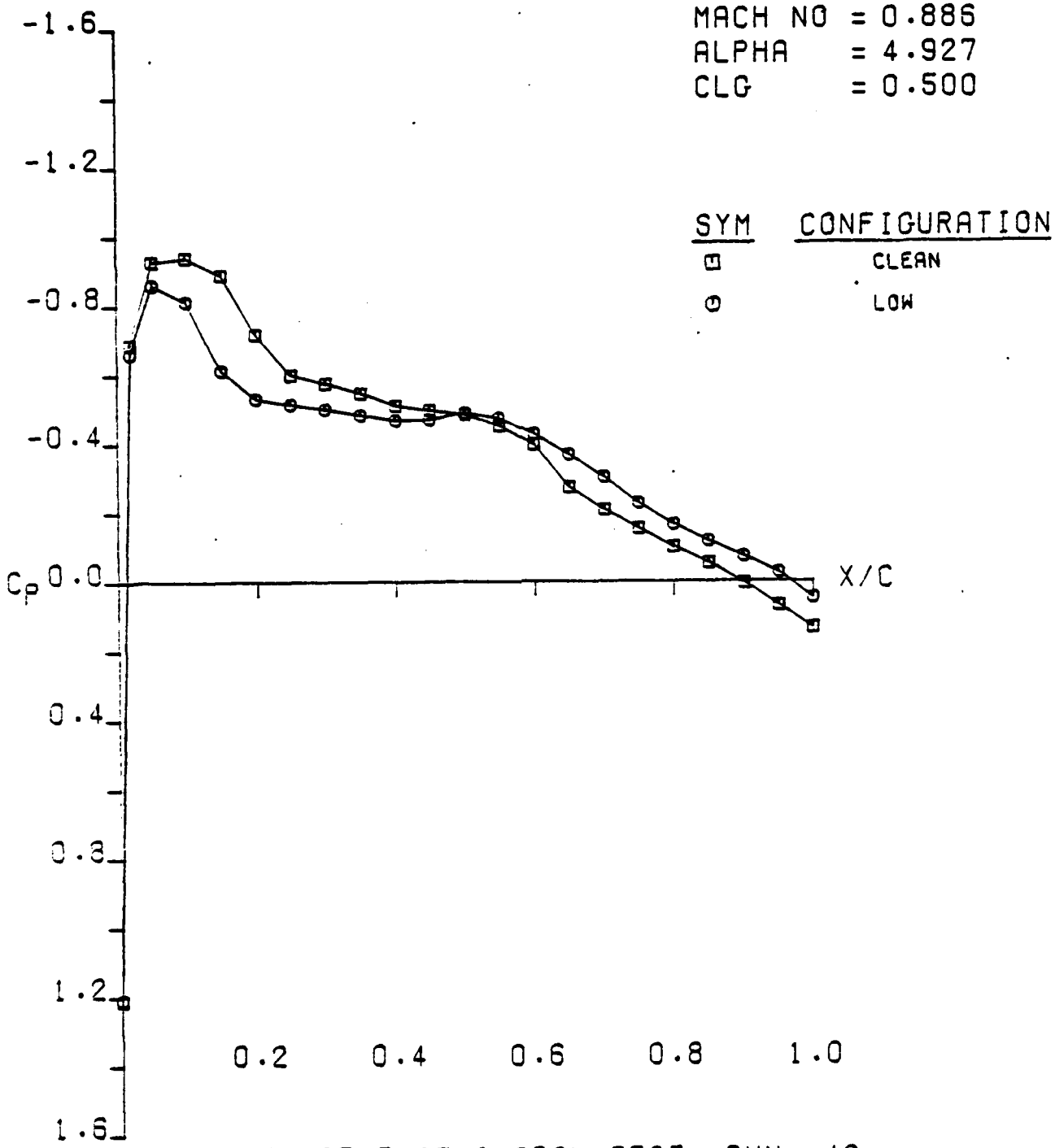
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS LOW (UPR SURF)
NUMERICALLY OPTIMIZED WING C



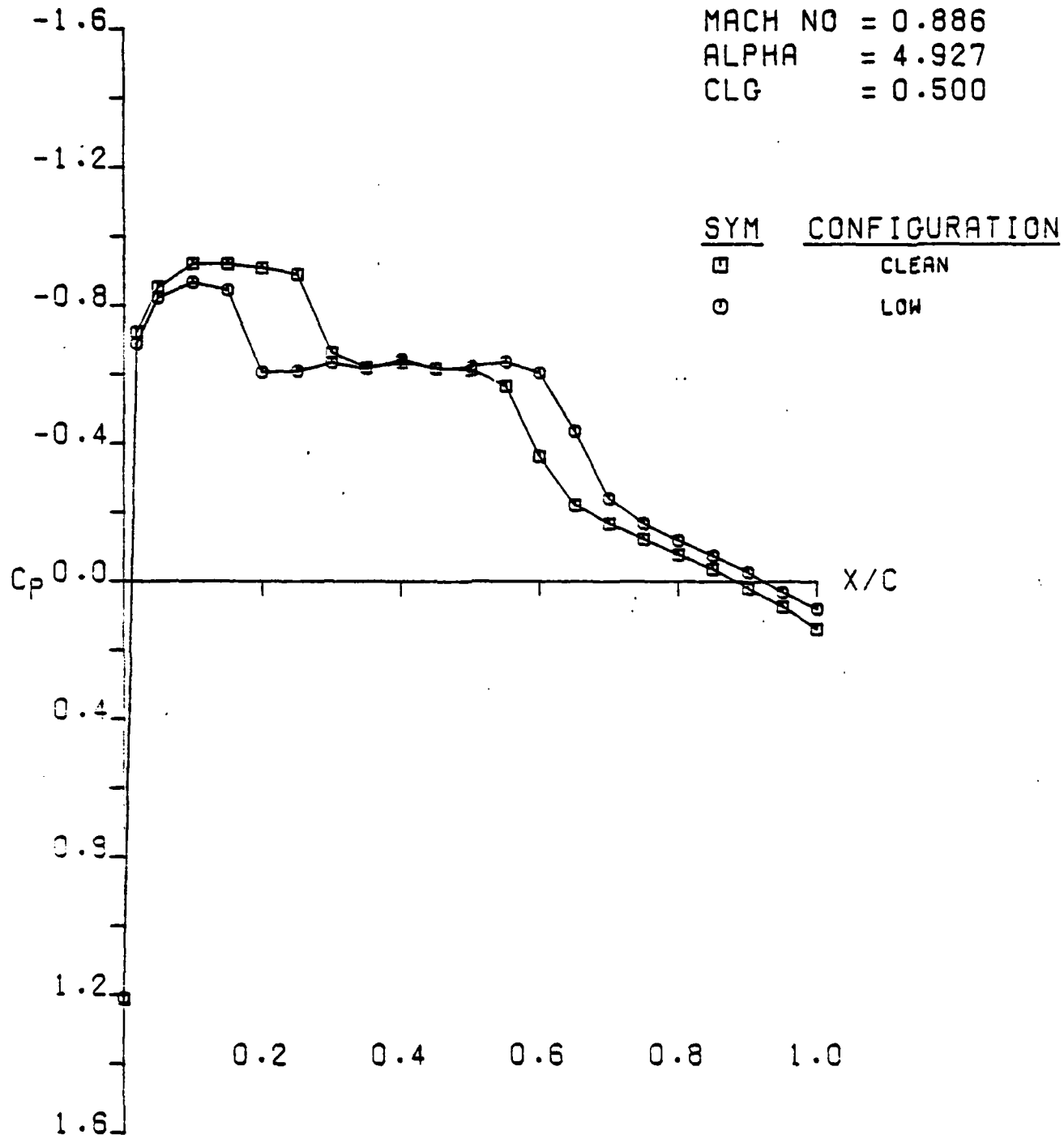
LOCKHEED CFWT SEMI-SPAN TEST, RUN 4S
CLN VS LOW (UPR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



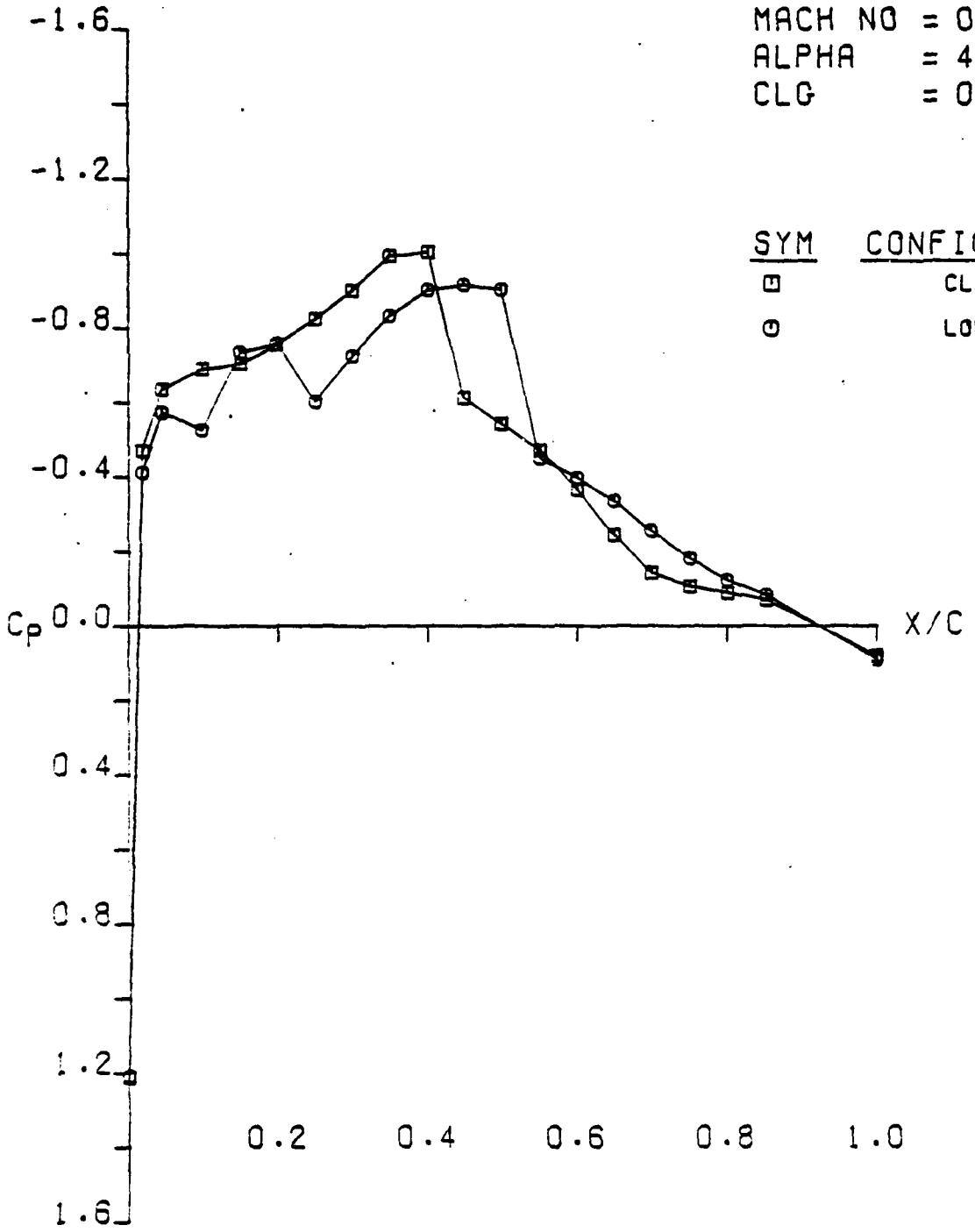
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS LOW (UPR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



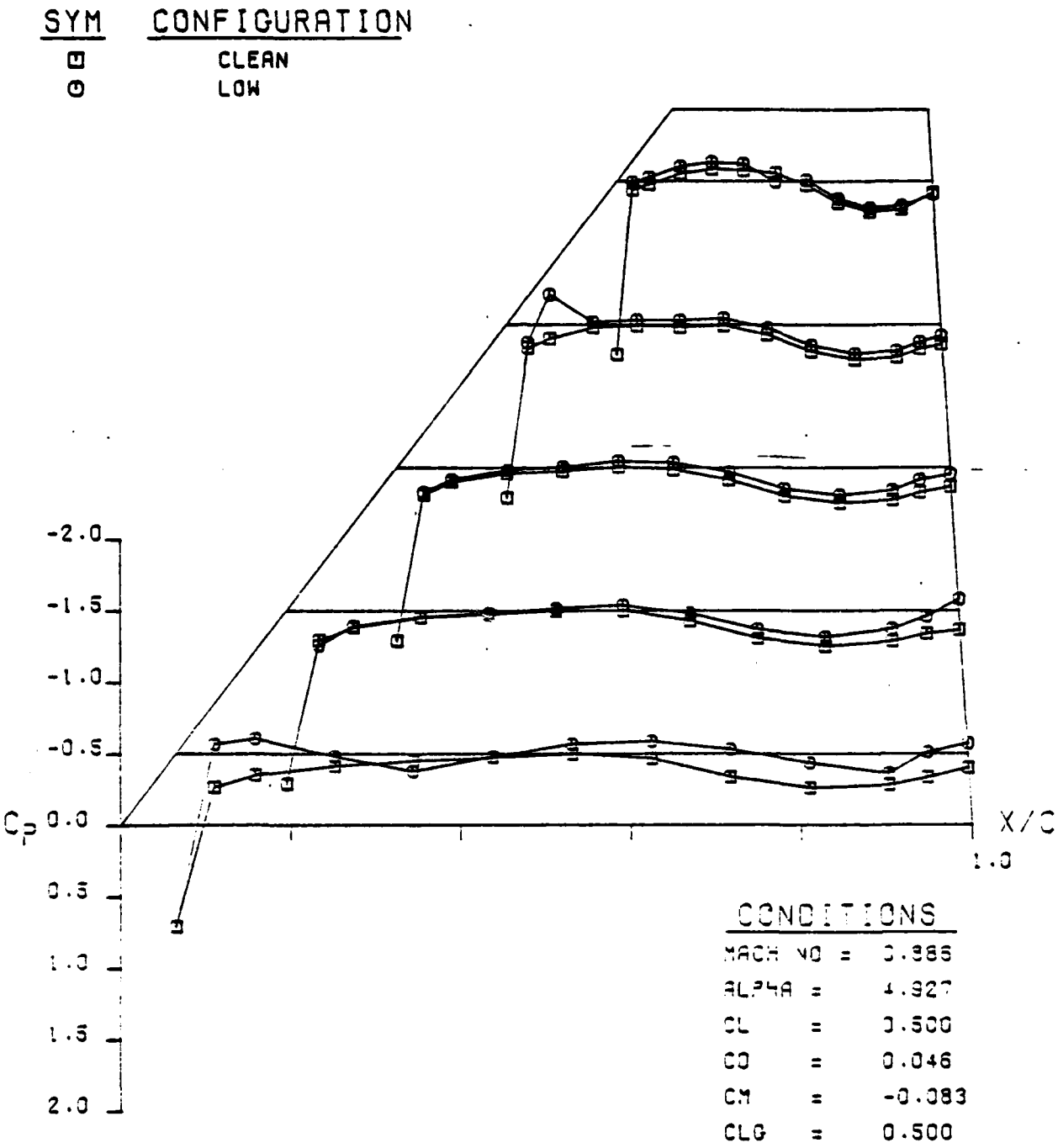
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS LOW (UPR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



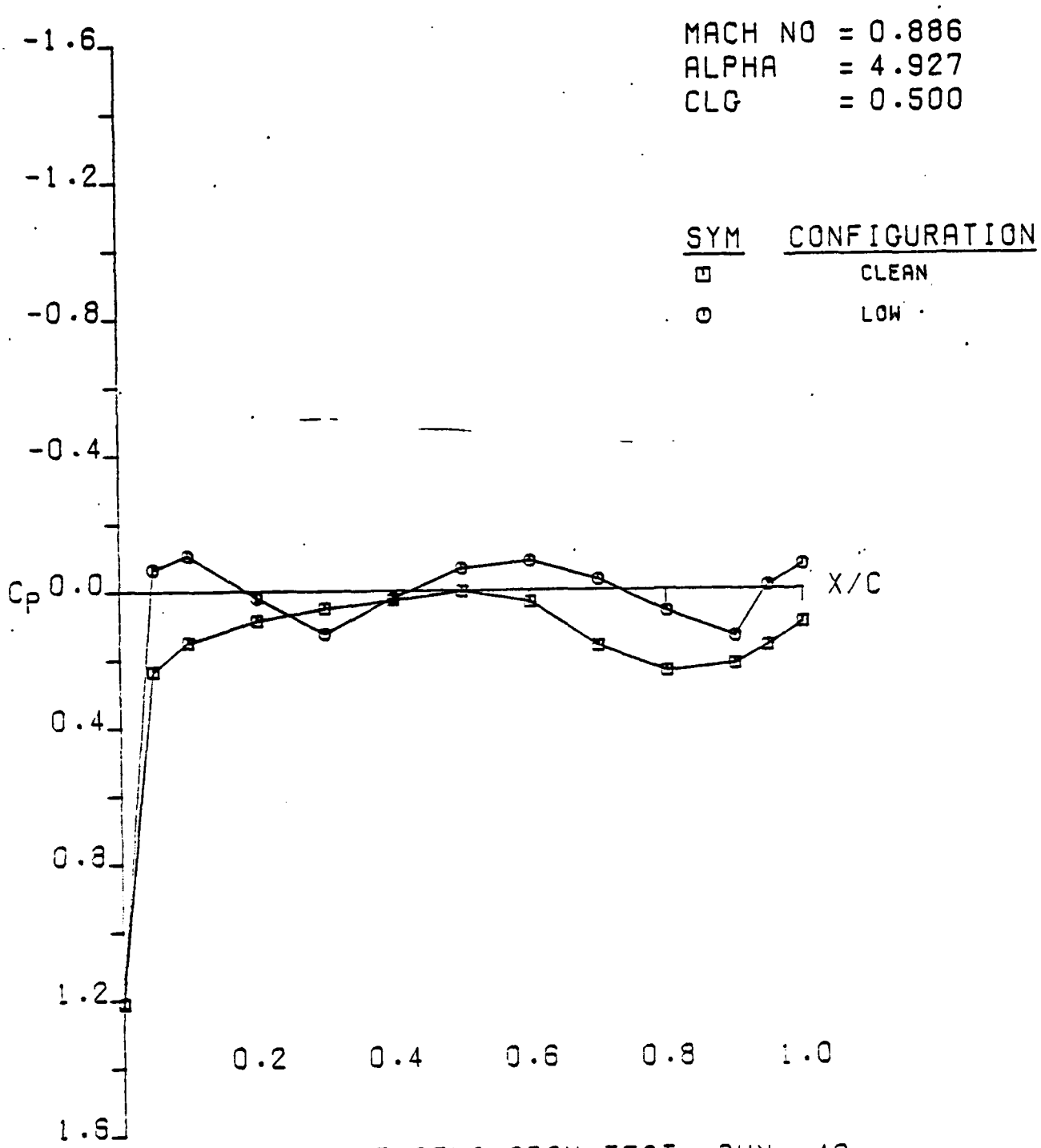
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS LOW (UPR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



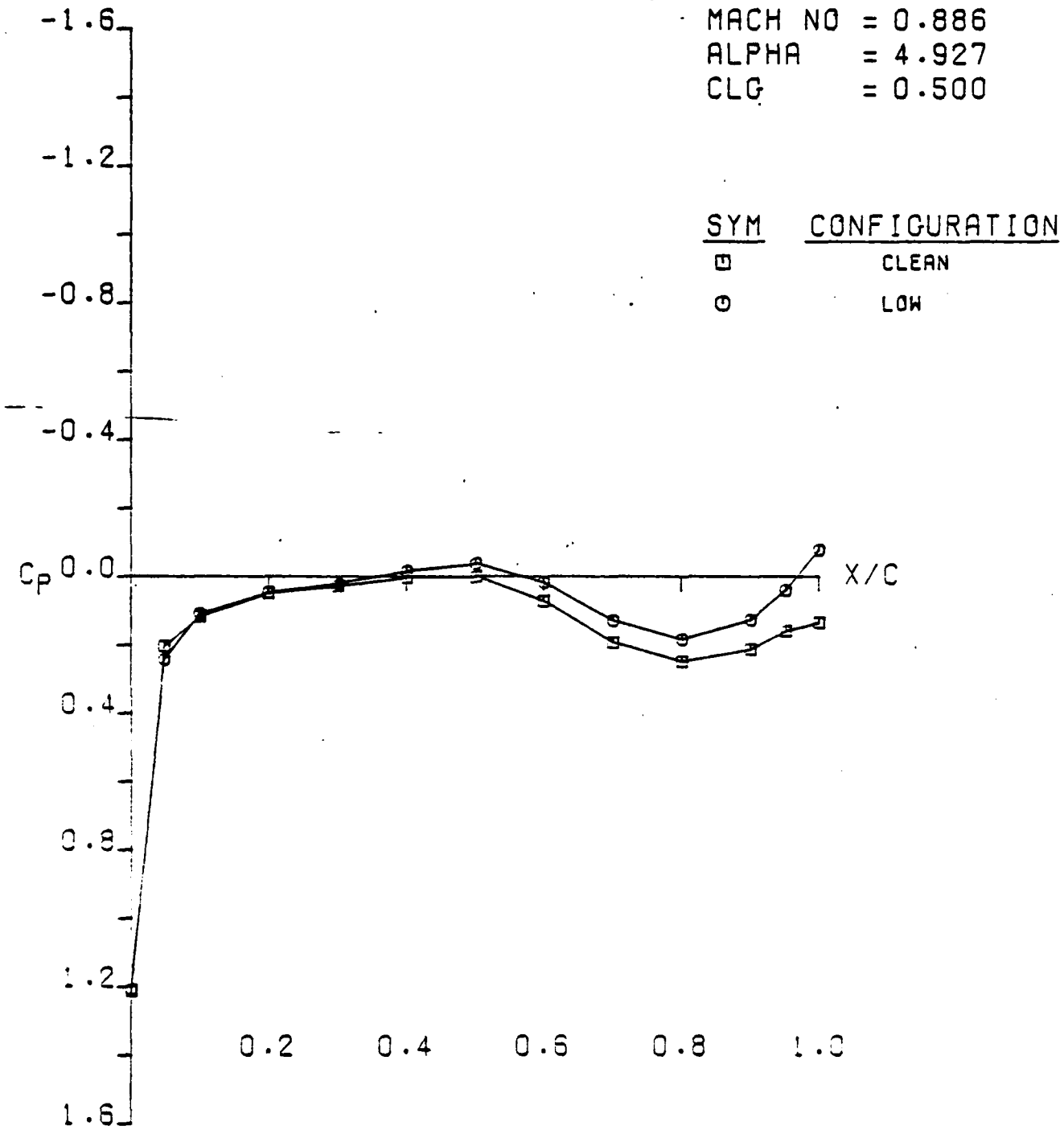
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS LOW (UPR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



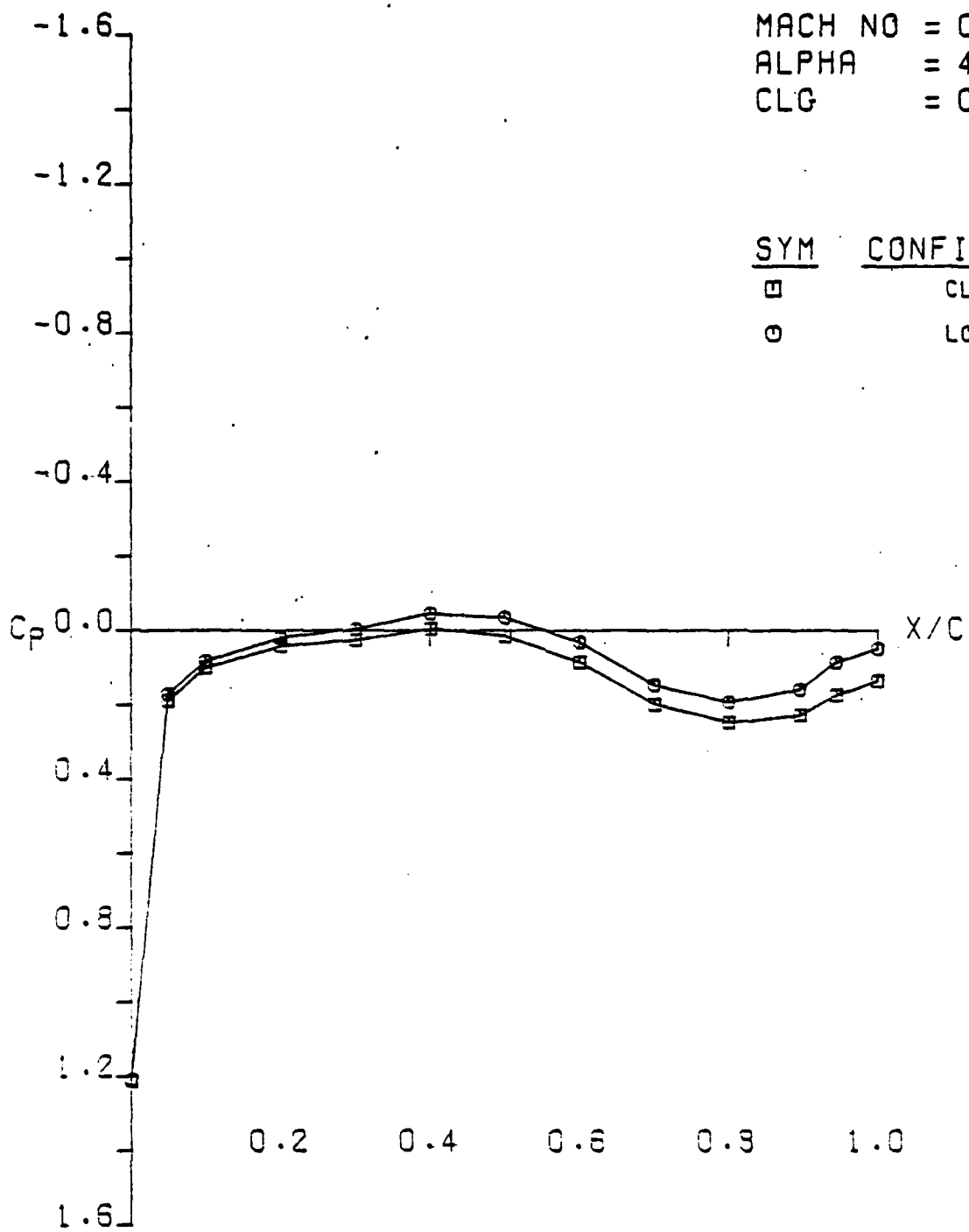
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS LOW (LWR SURF)
NUMERICALLY OPTIMIZED WING C



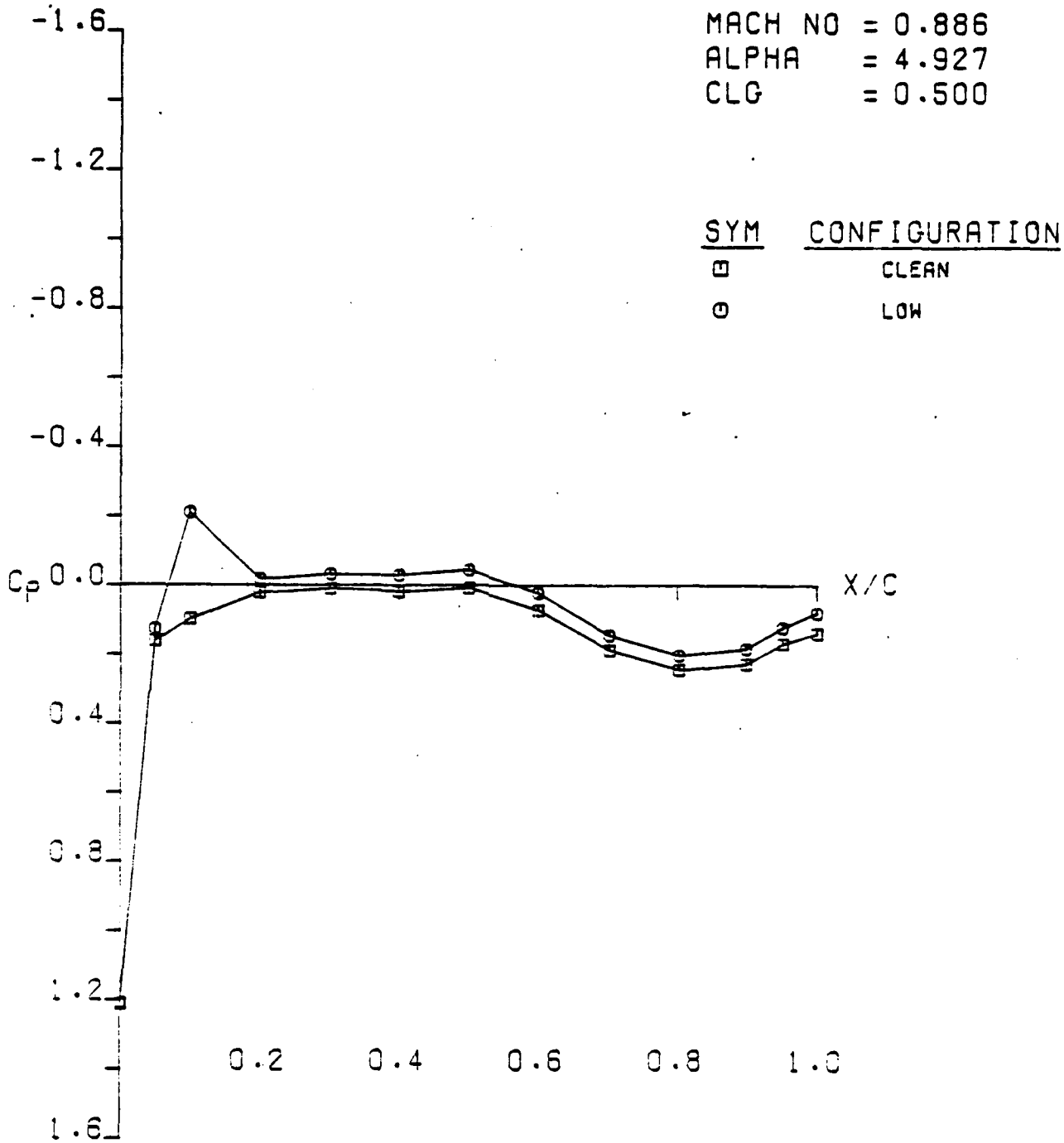
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS LOW (LWR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



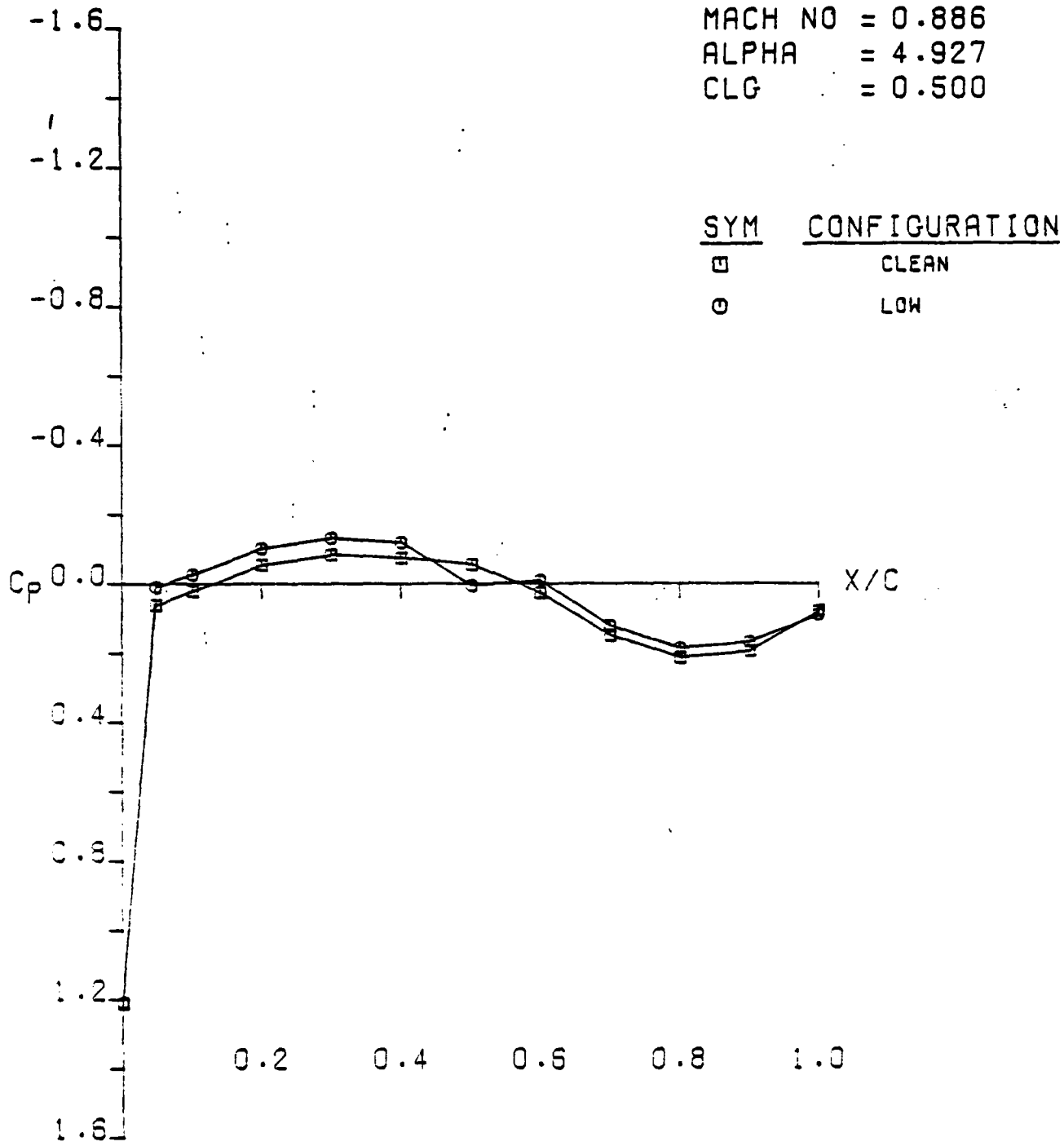
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS LOW (LWR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



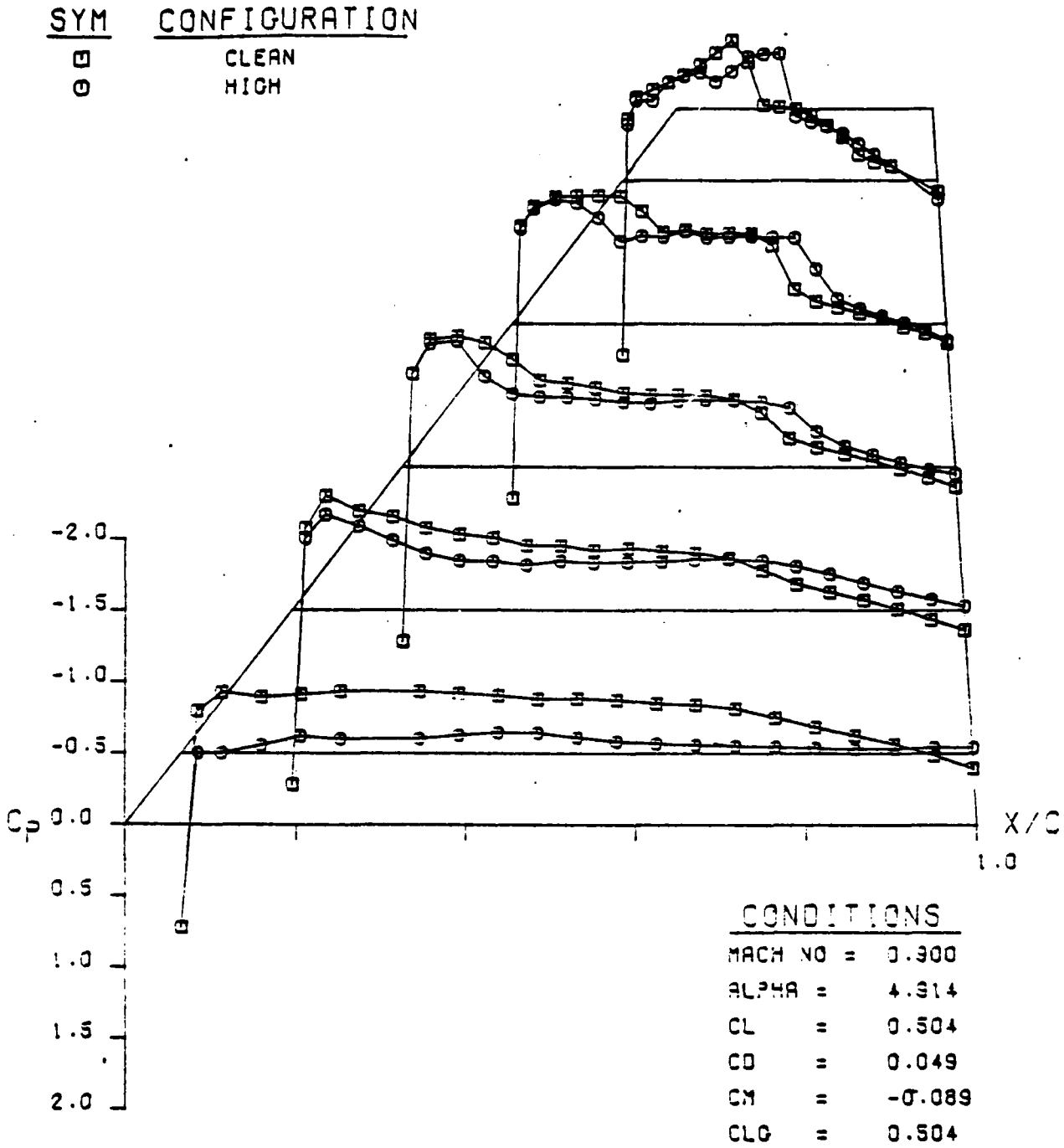
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS LOW (LWR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



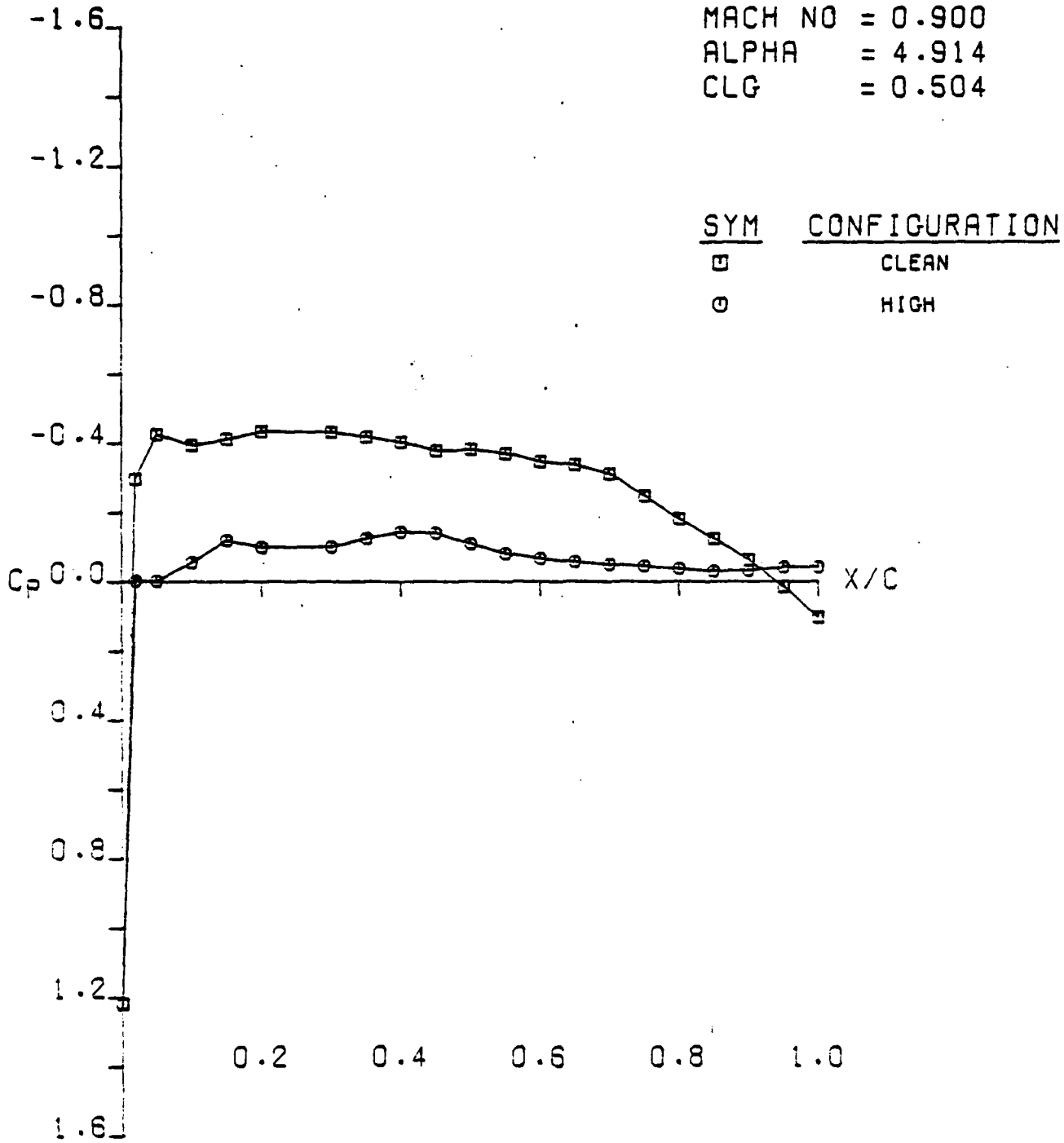
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS LOW (LWR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



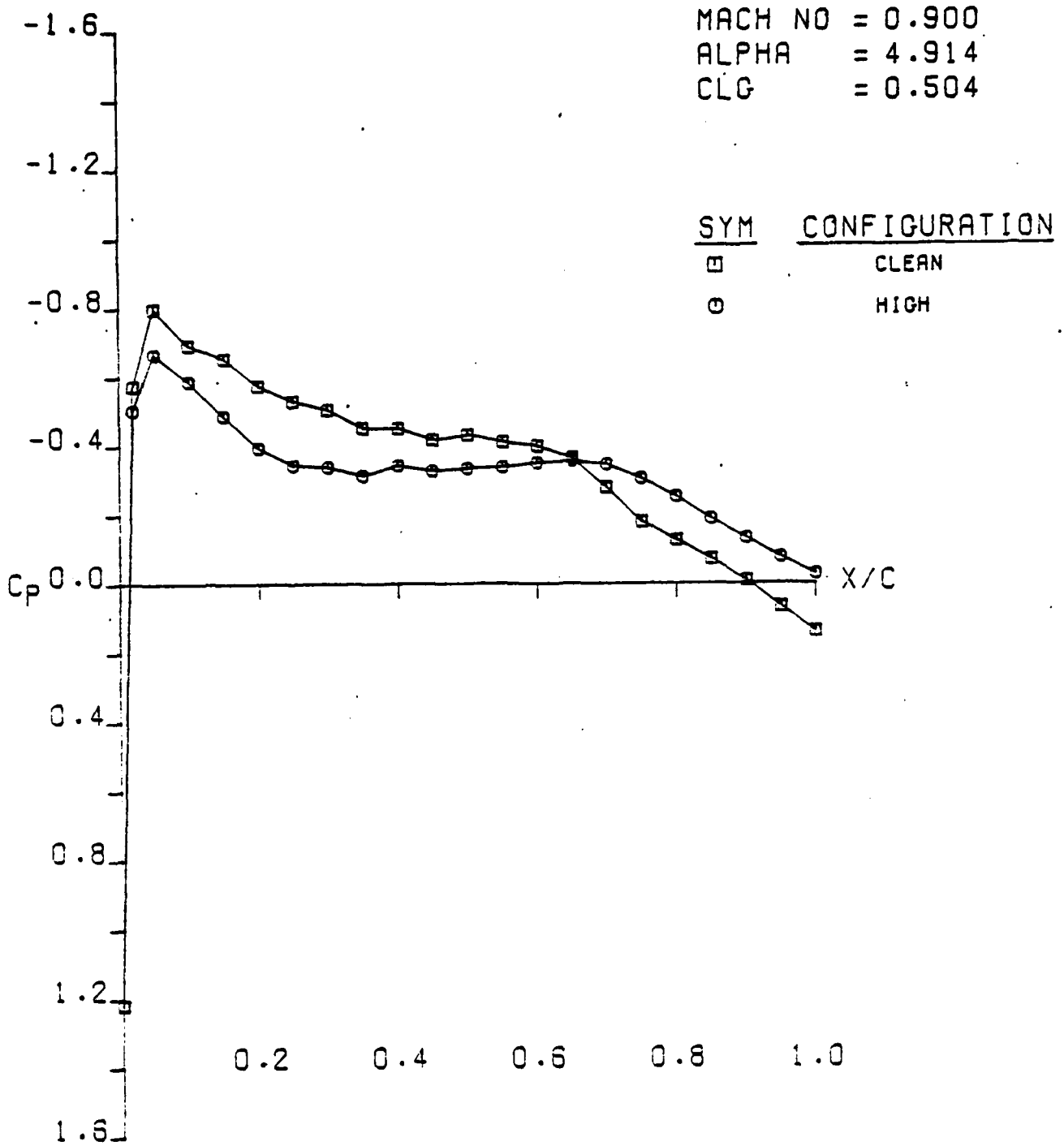
LOCKHEED CFWT SEMI-SPAN TEST, RUN 46
CLN VS LOW (LWR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



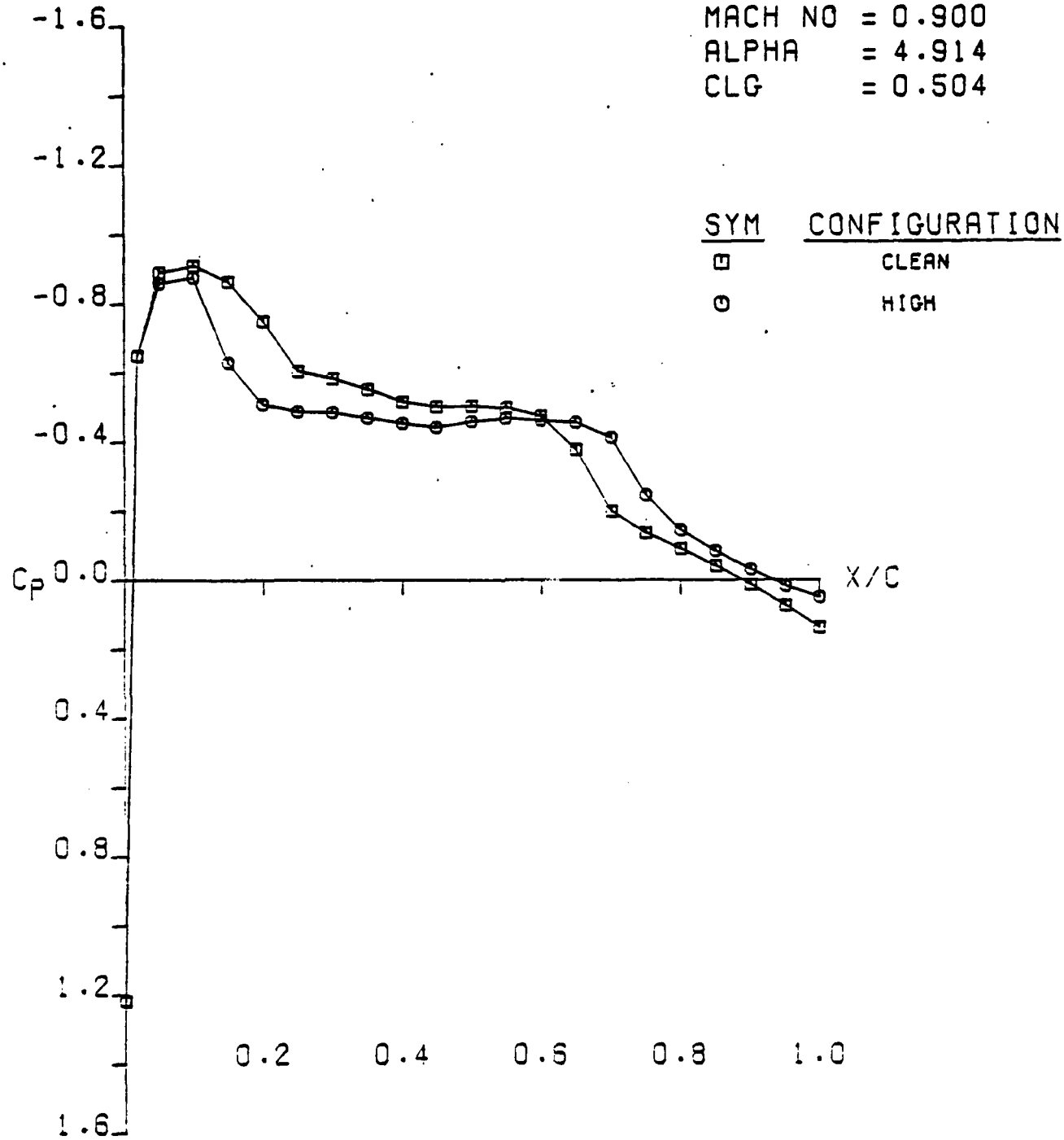
LOCKHEED CFAT SEMI-SPAN TEST, RUN 55
CLN VS HIGH (UPR SURF)
NUMERICALLY OPTIMIZED WING 'C



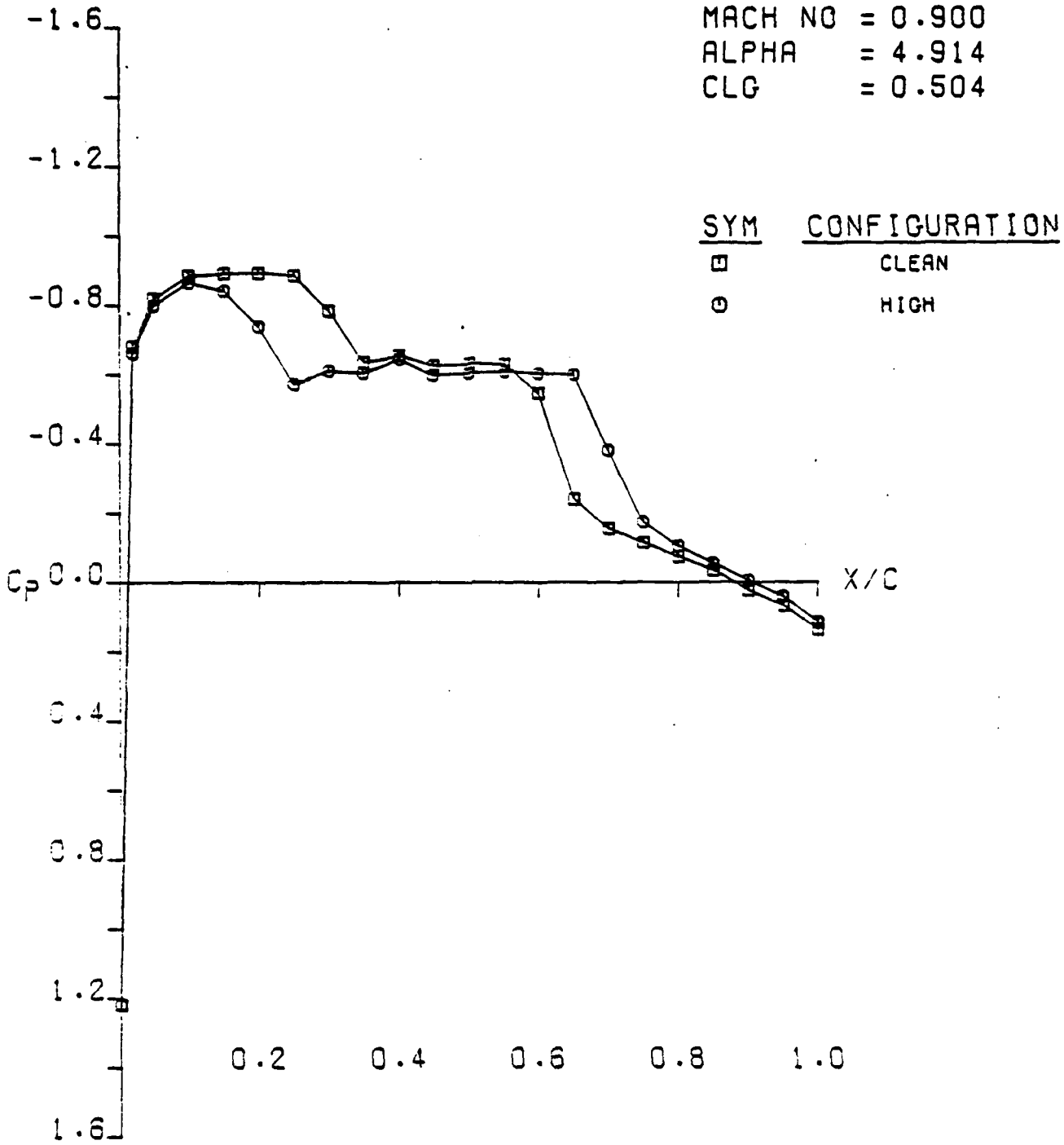
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS HIGH (UPR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



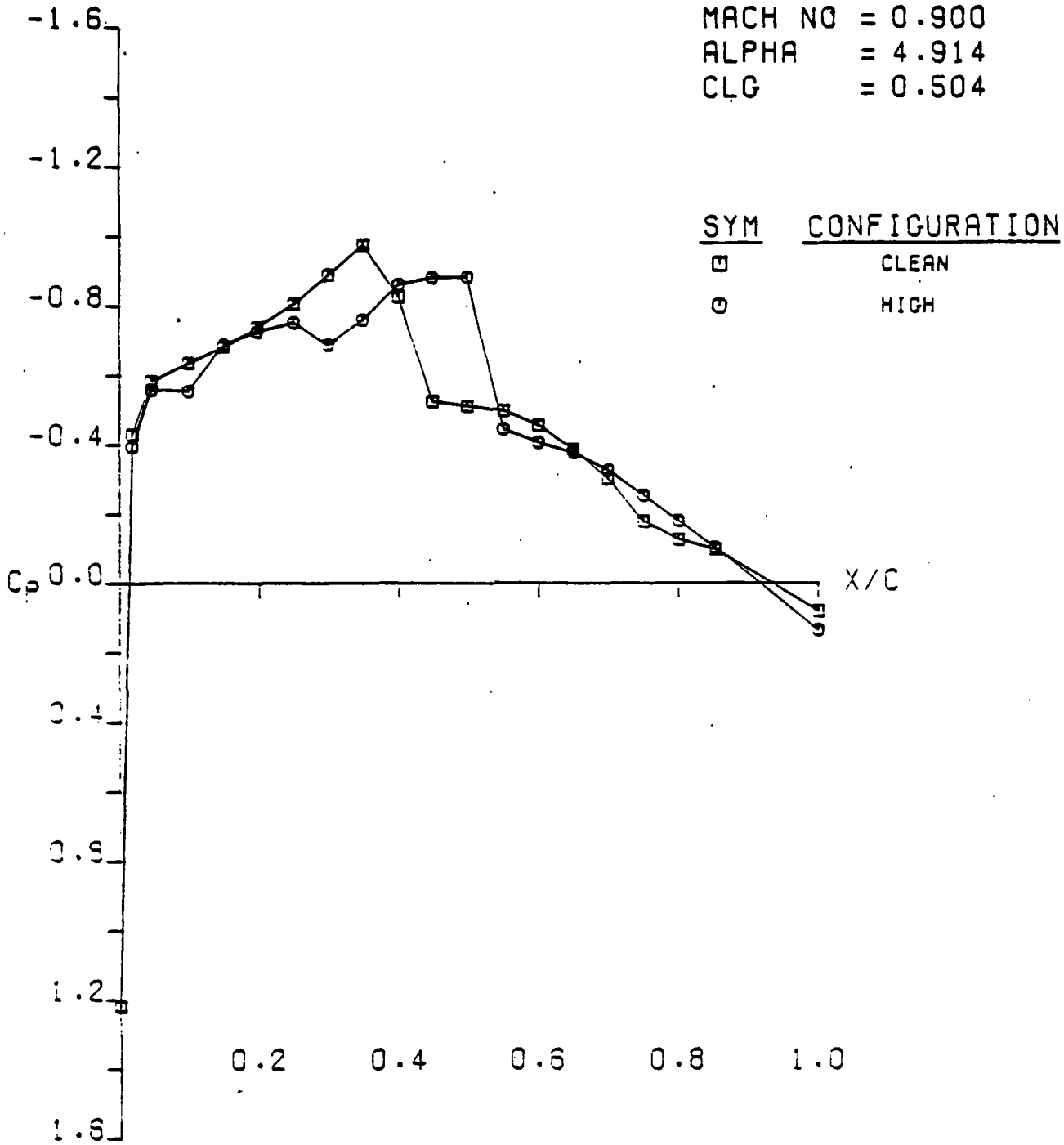
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS HIGH (UPR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



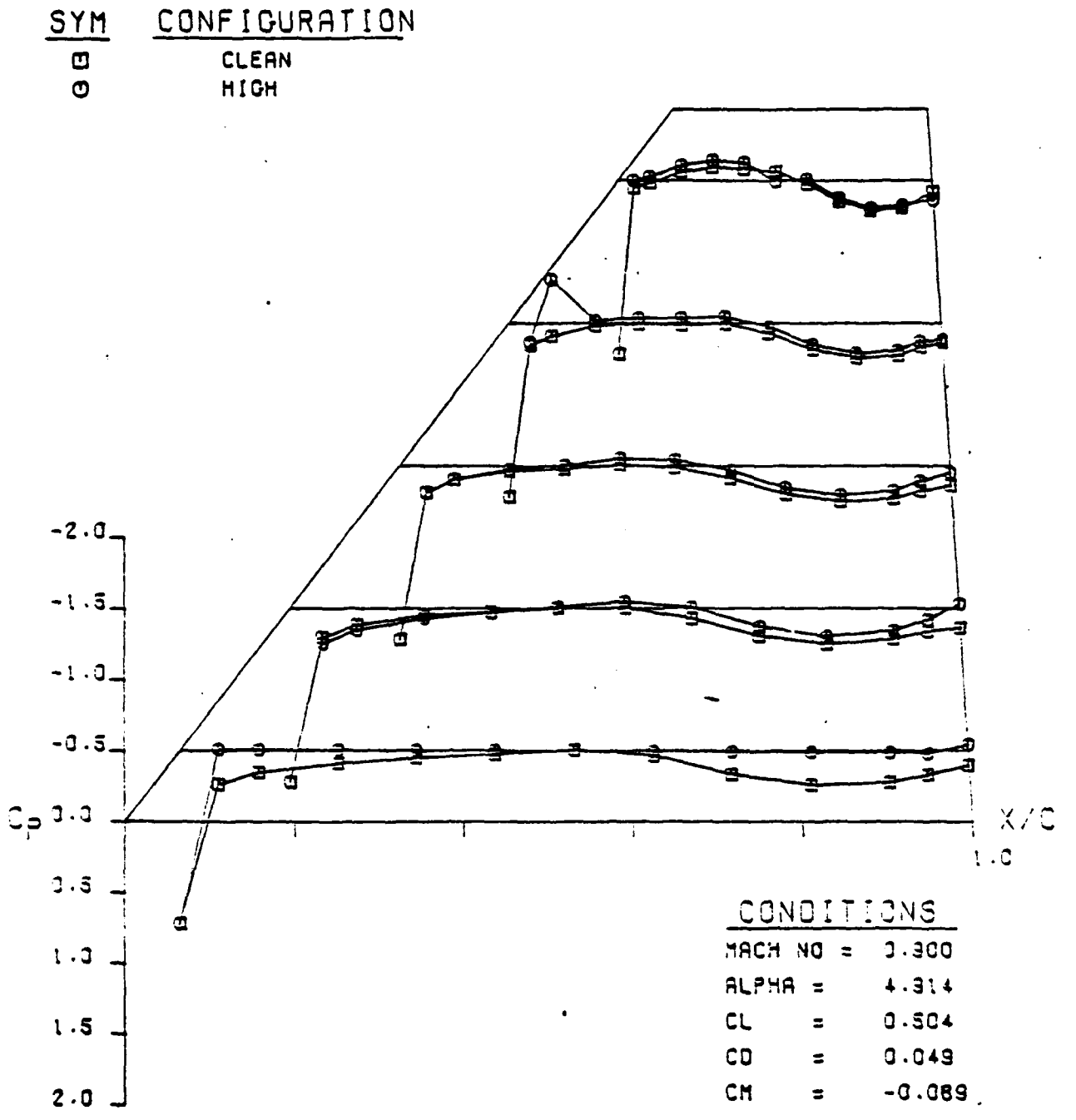
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS HIGH (UPR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



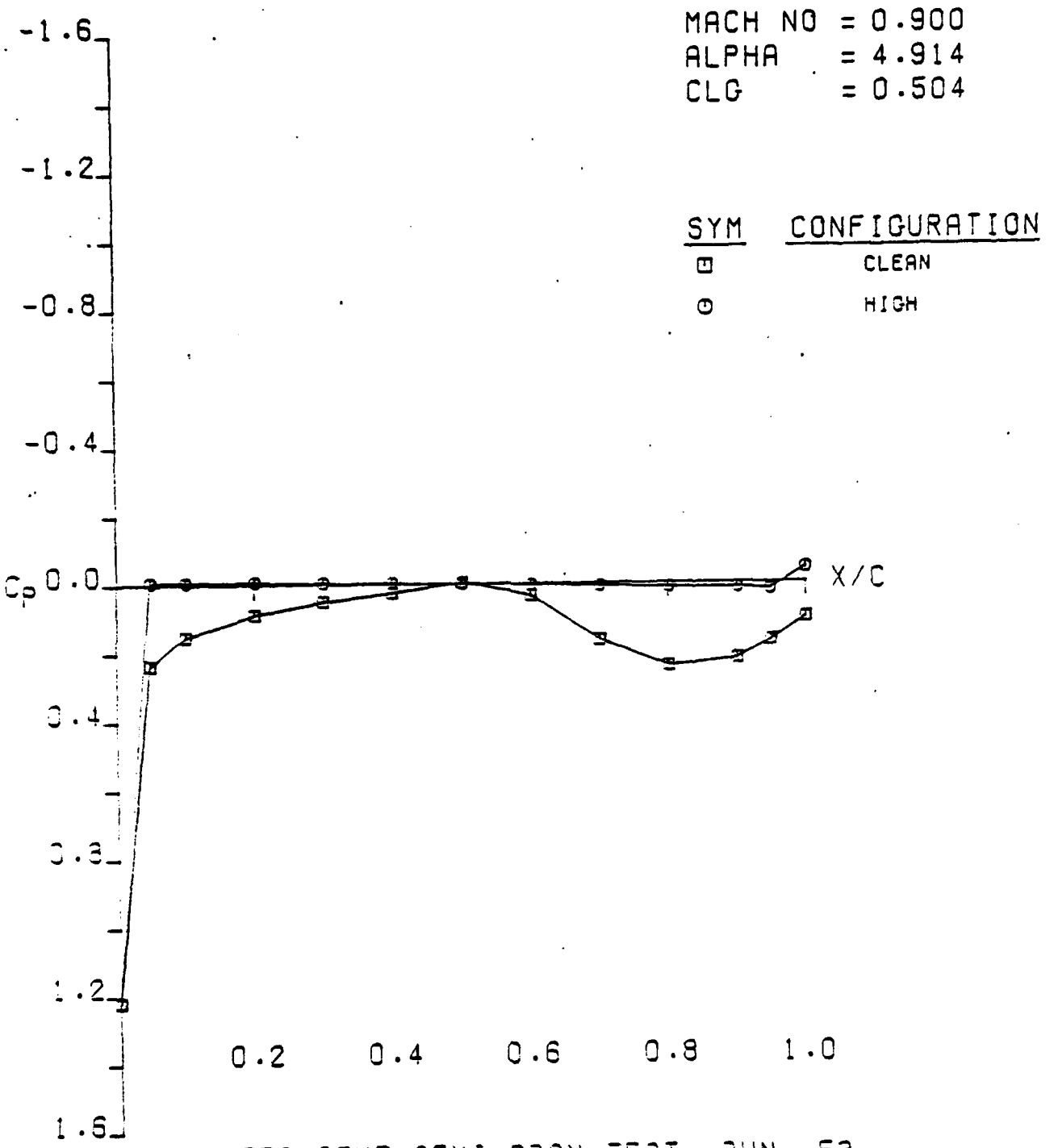
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS HIGH (UPR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



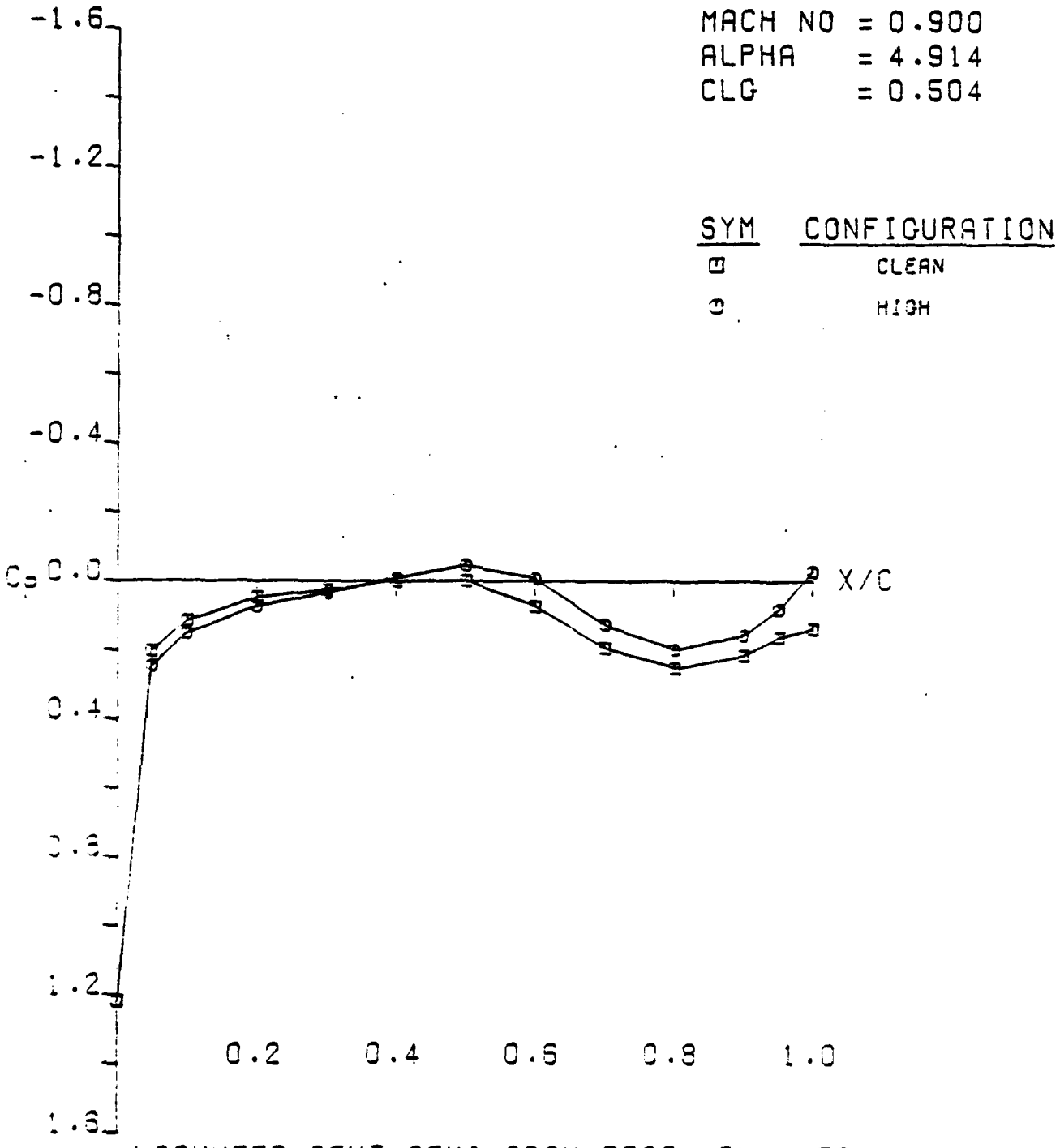
LOCKHEED CFWT SEMI-SPAN TEST, RUN 63
CLN VS HIGH (UPR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



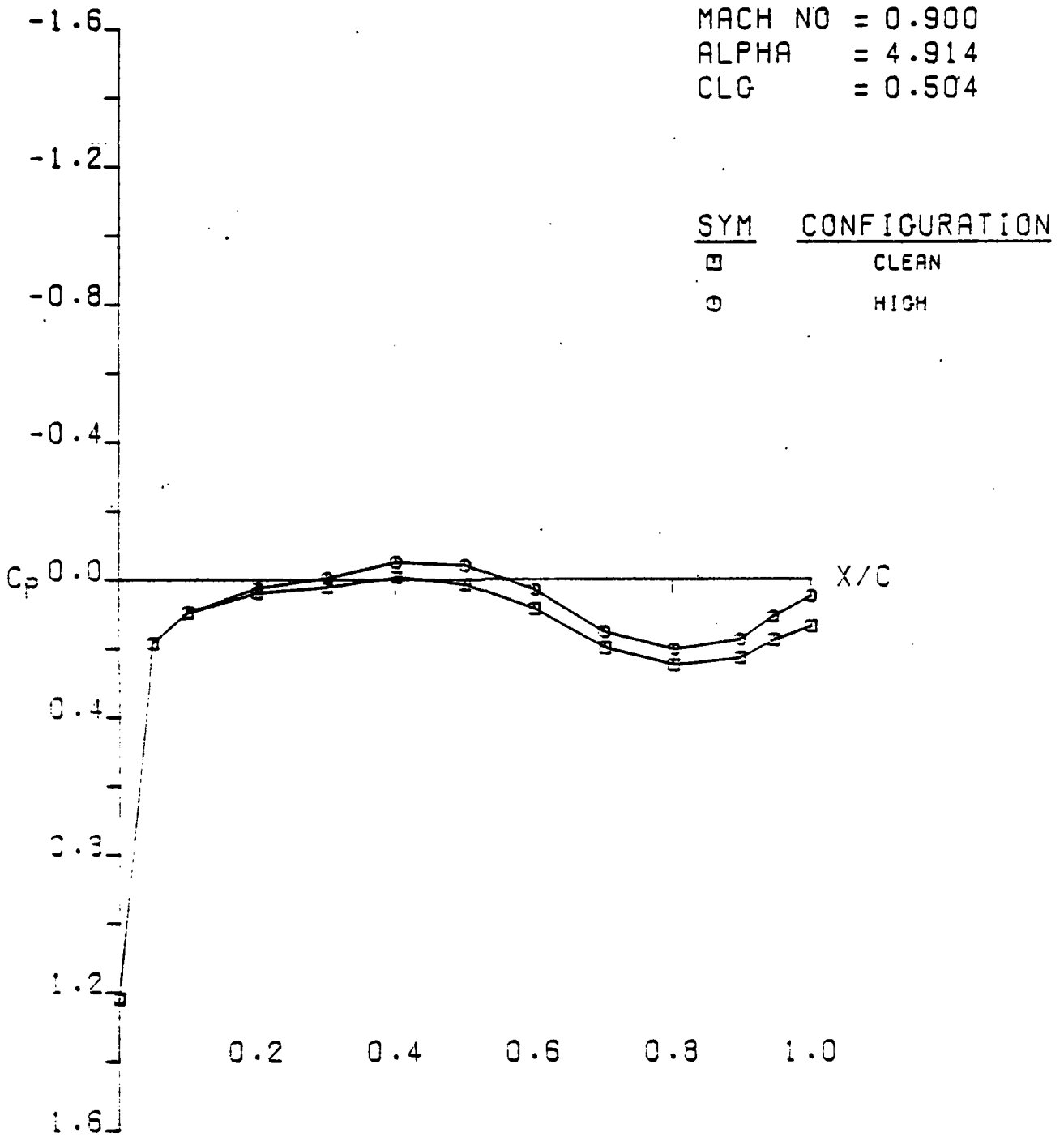
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS HIGH (LWR SURF)
NUMERICALLY OPTIMIZED WING C



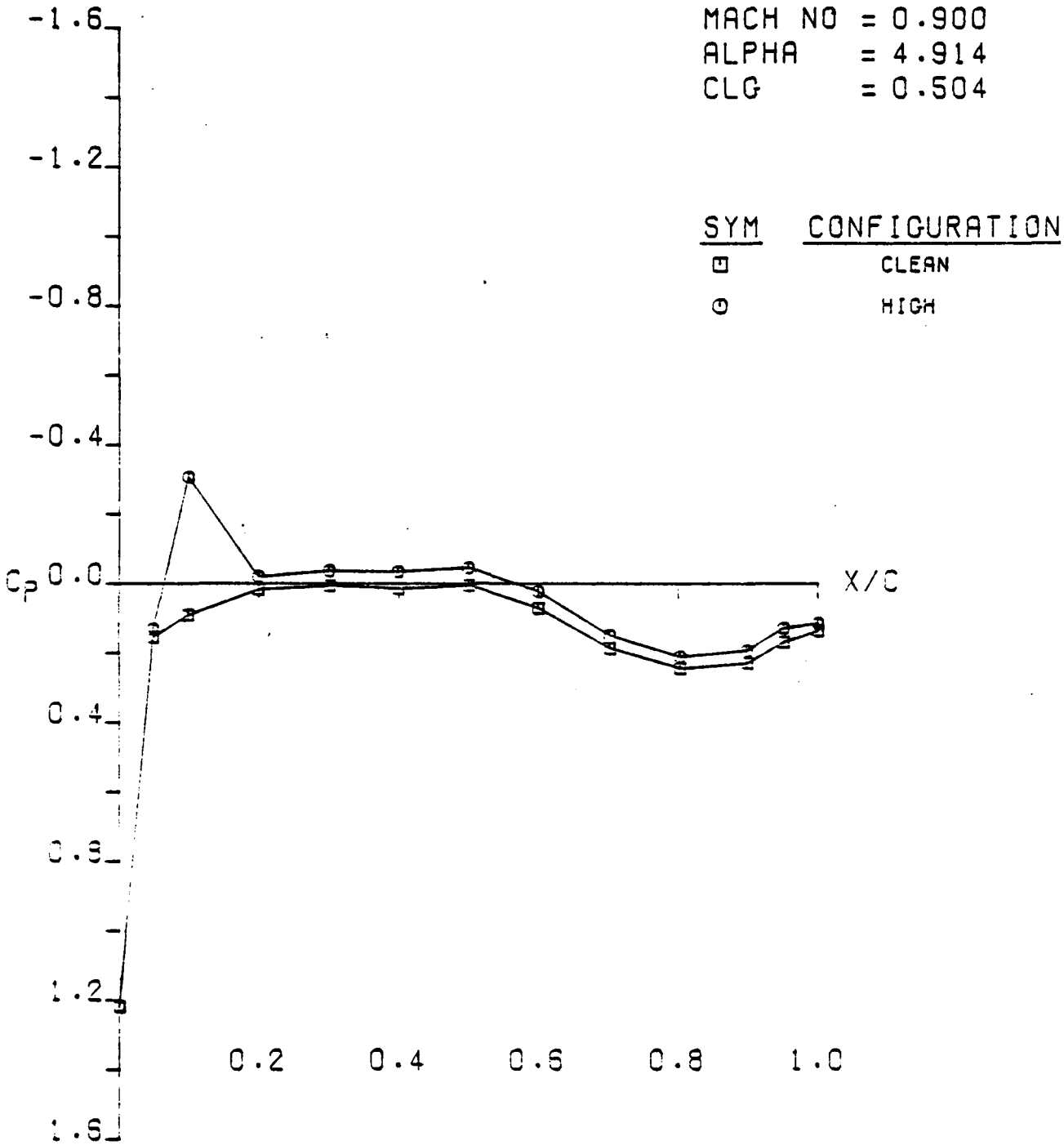
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS HIGH (LWR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



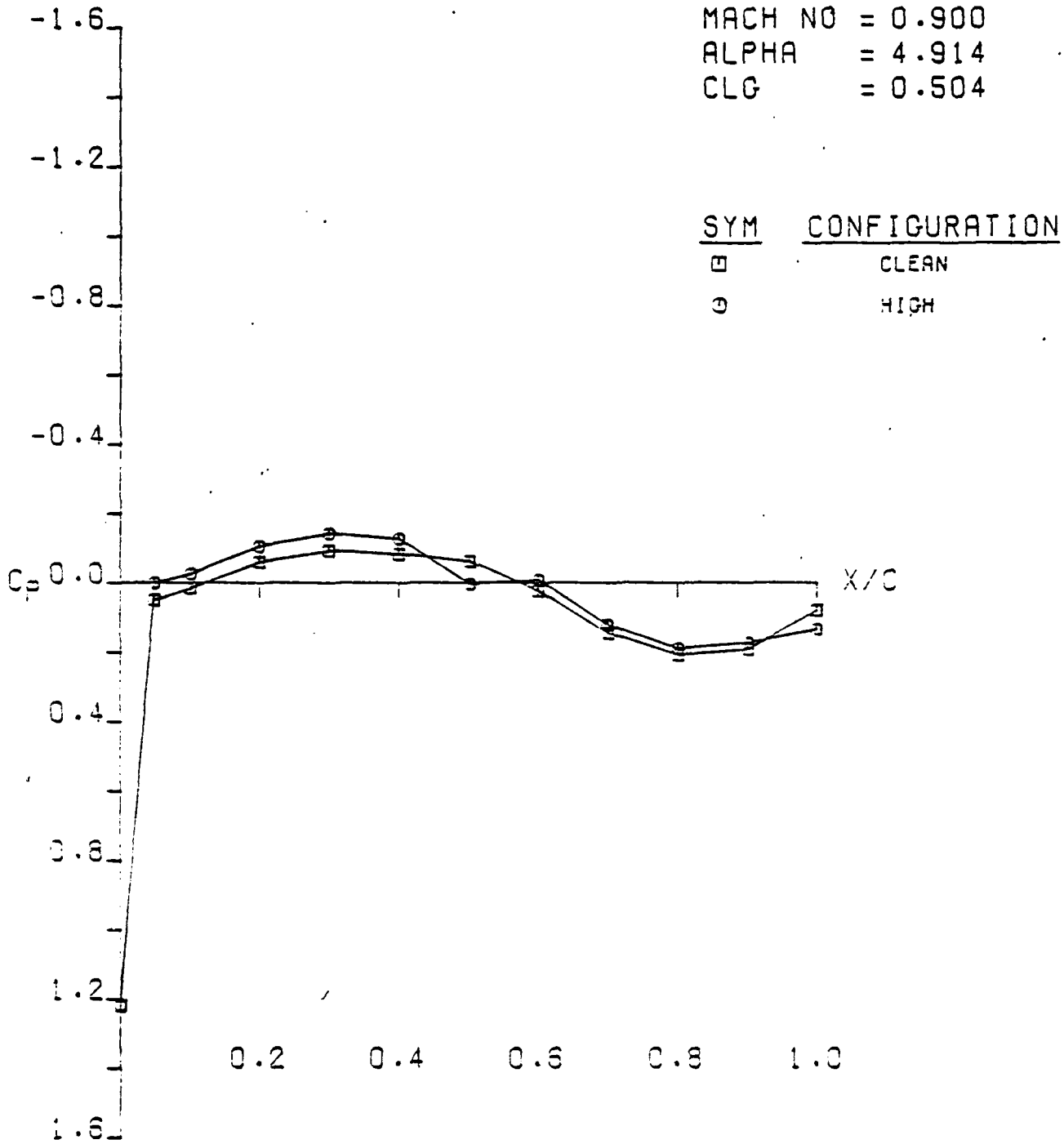
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS HIGH (LWR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



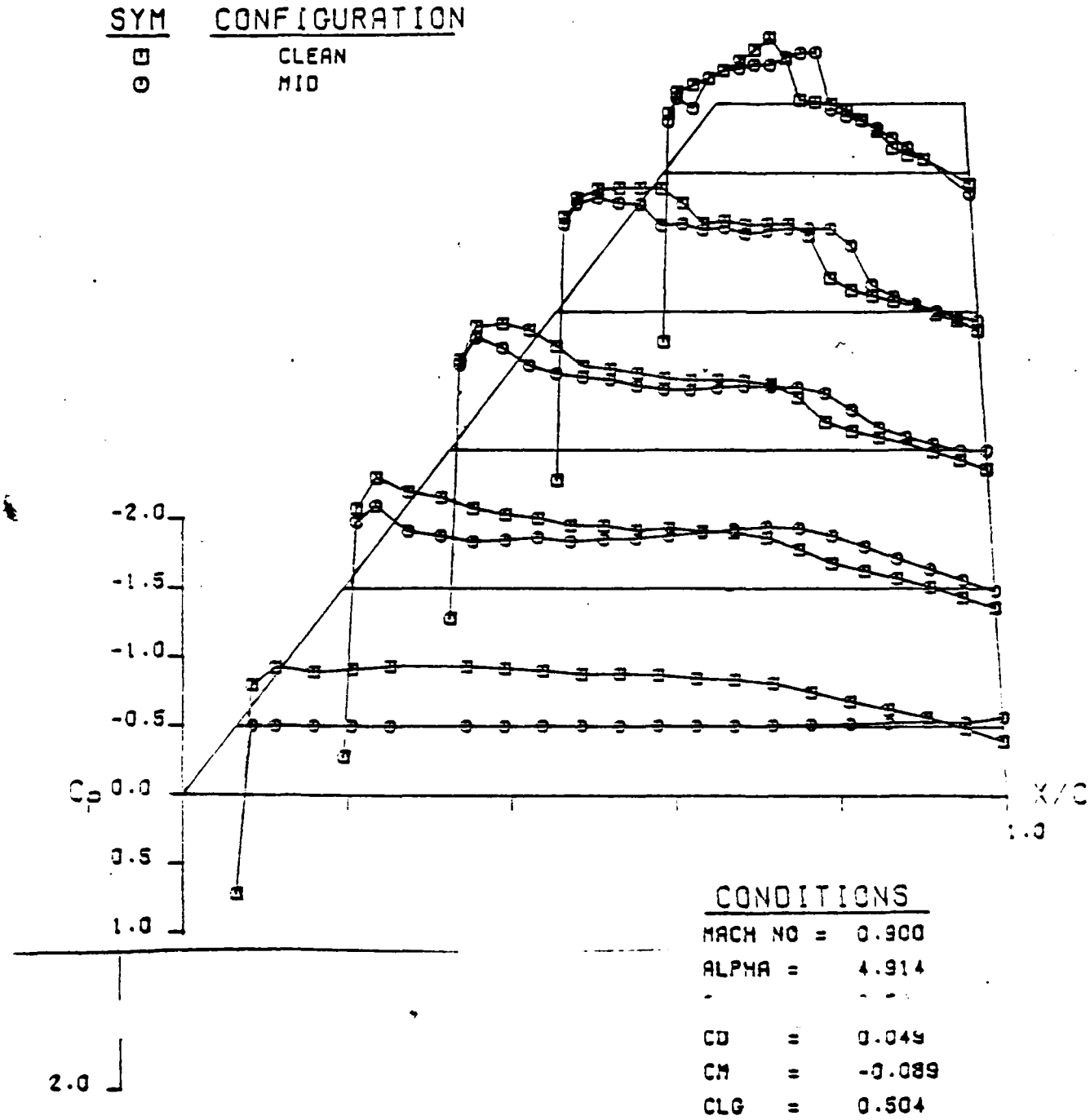
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS HIGH (LWR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



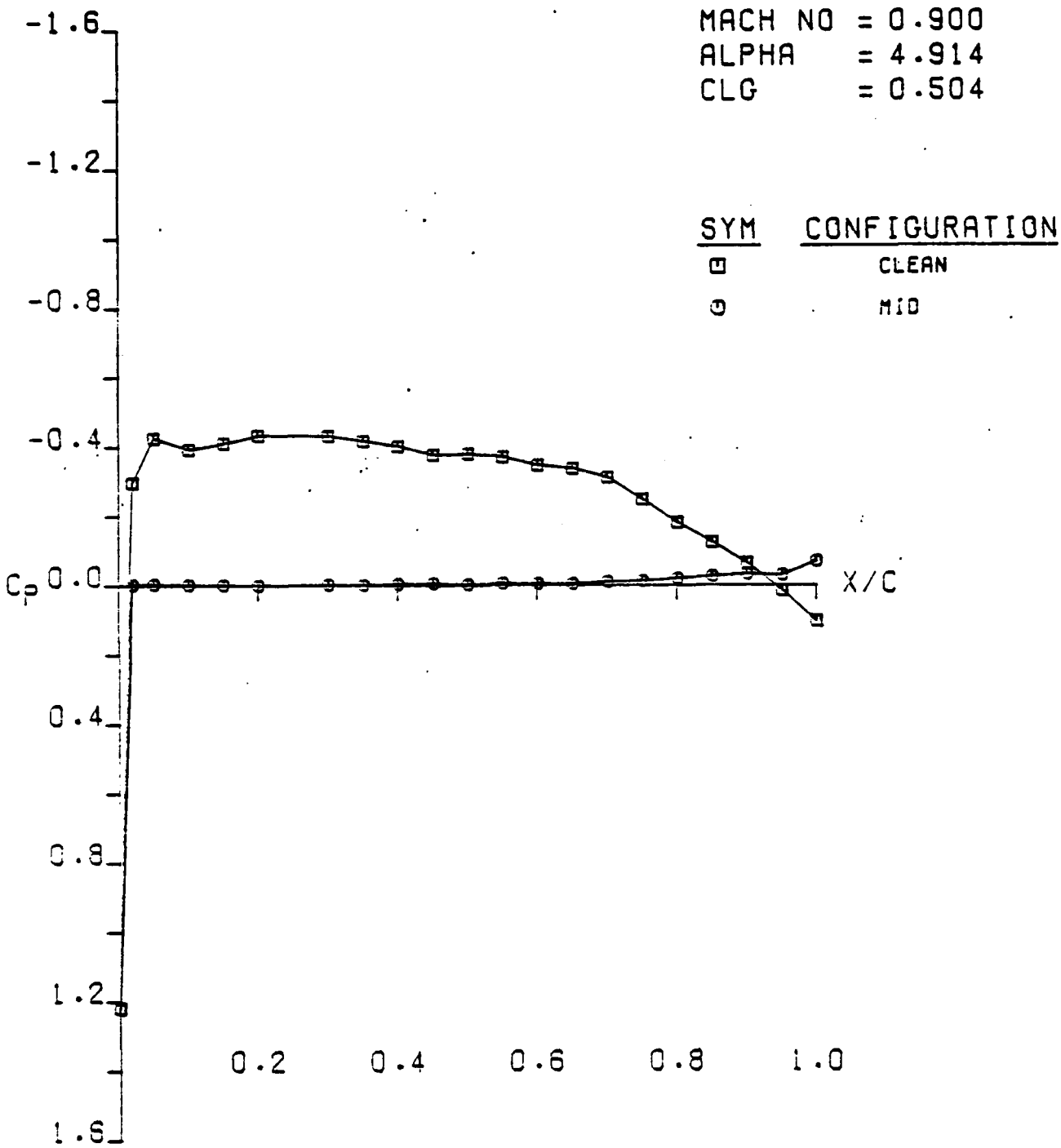
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS HIGH (LWR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



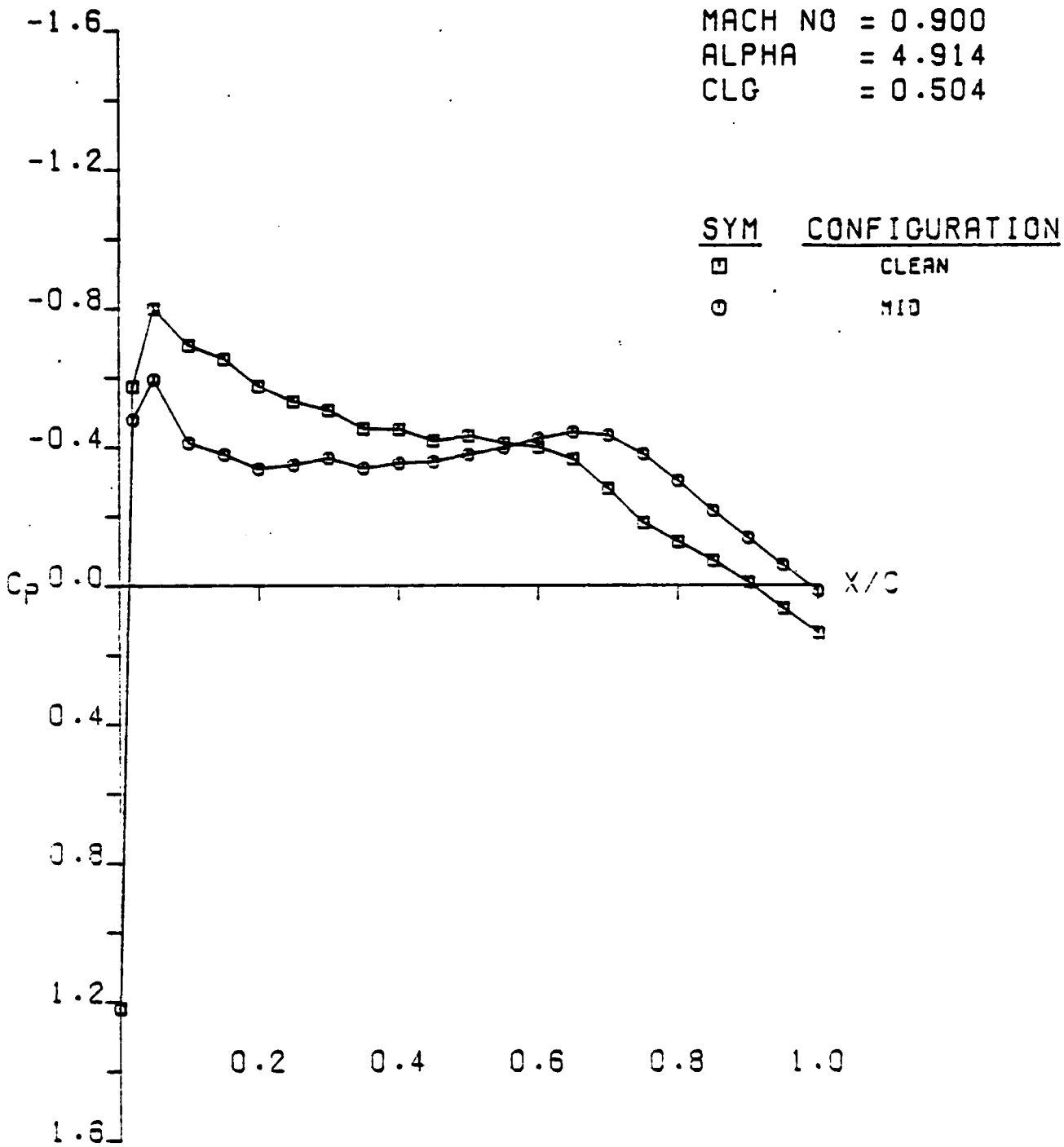
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS HIGH (LWR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



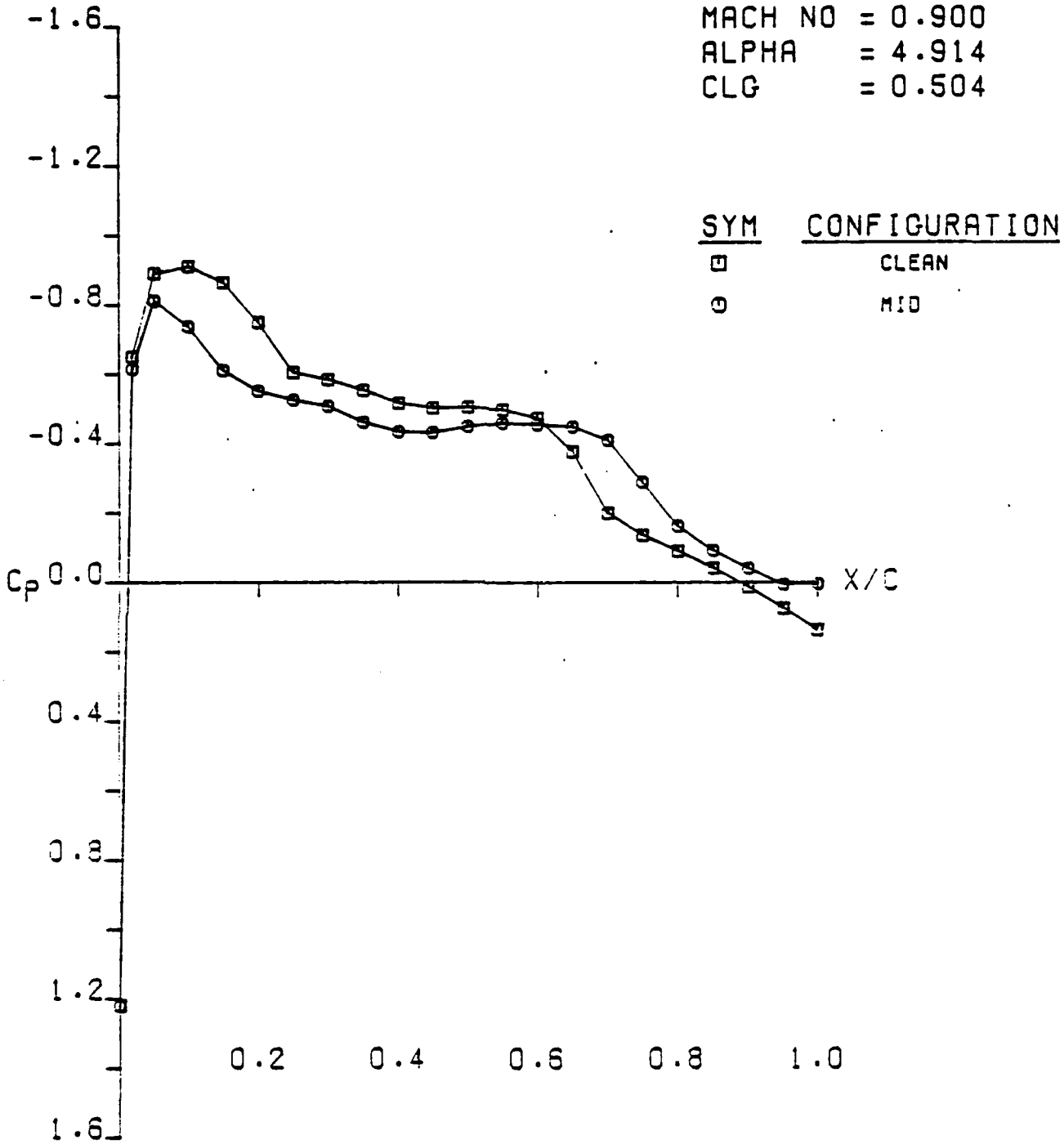
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS MID - NO SEAL (UPR SURF)
NUMERICALLY OPTIMIZED WING C



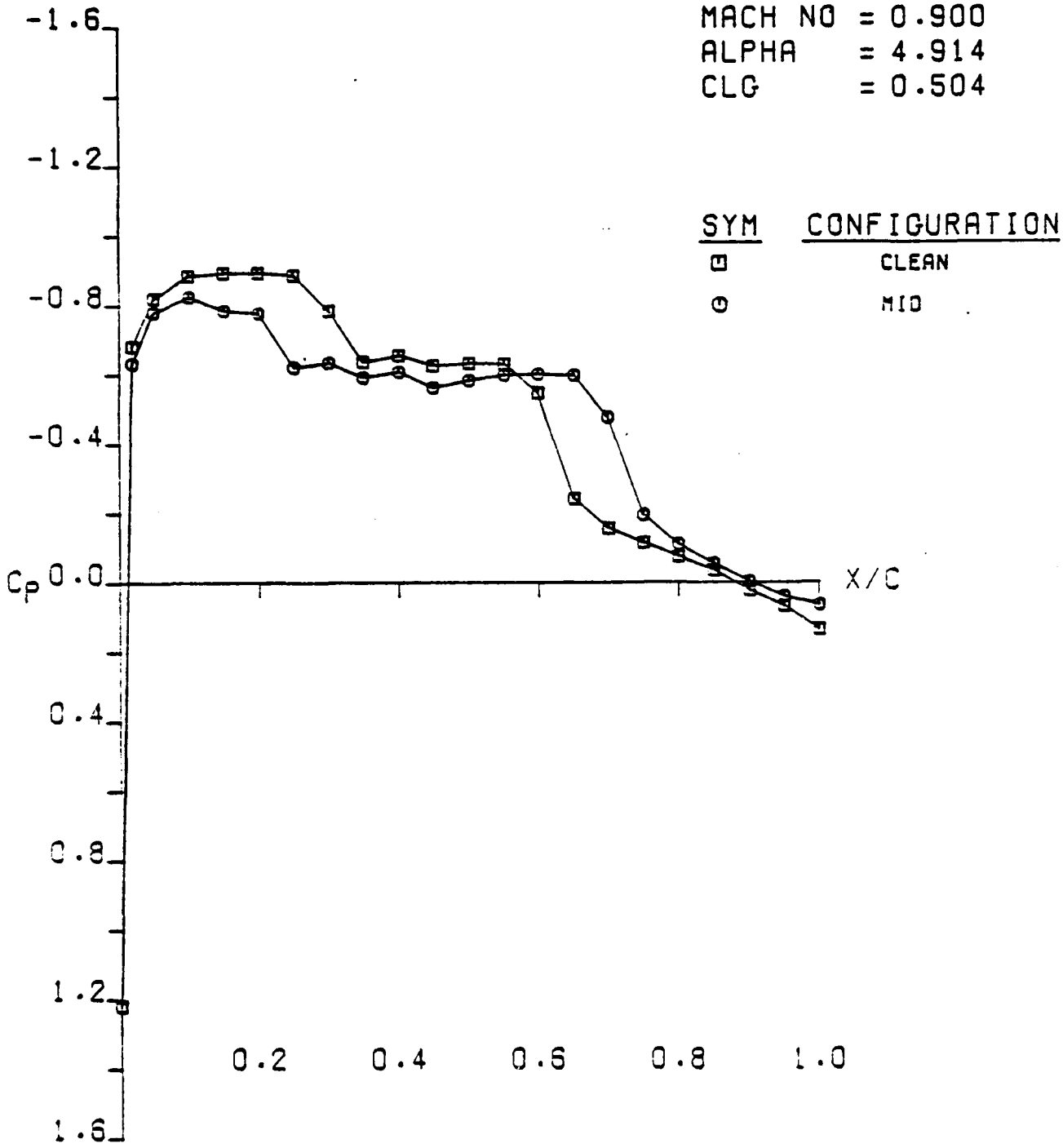
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS MID - NO SEAL (UPR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



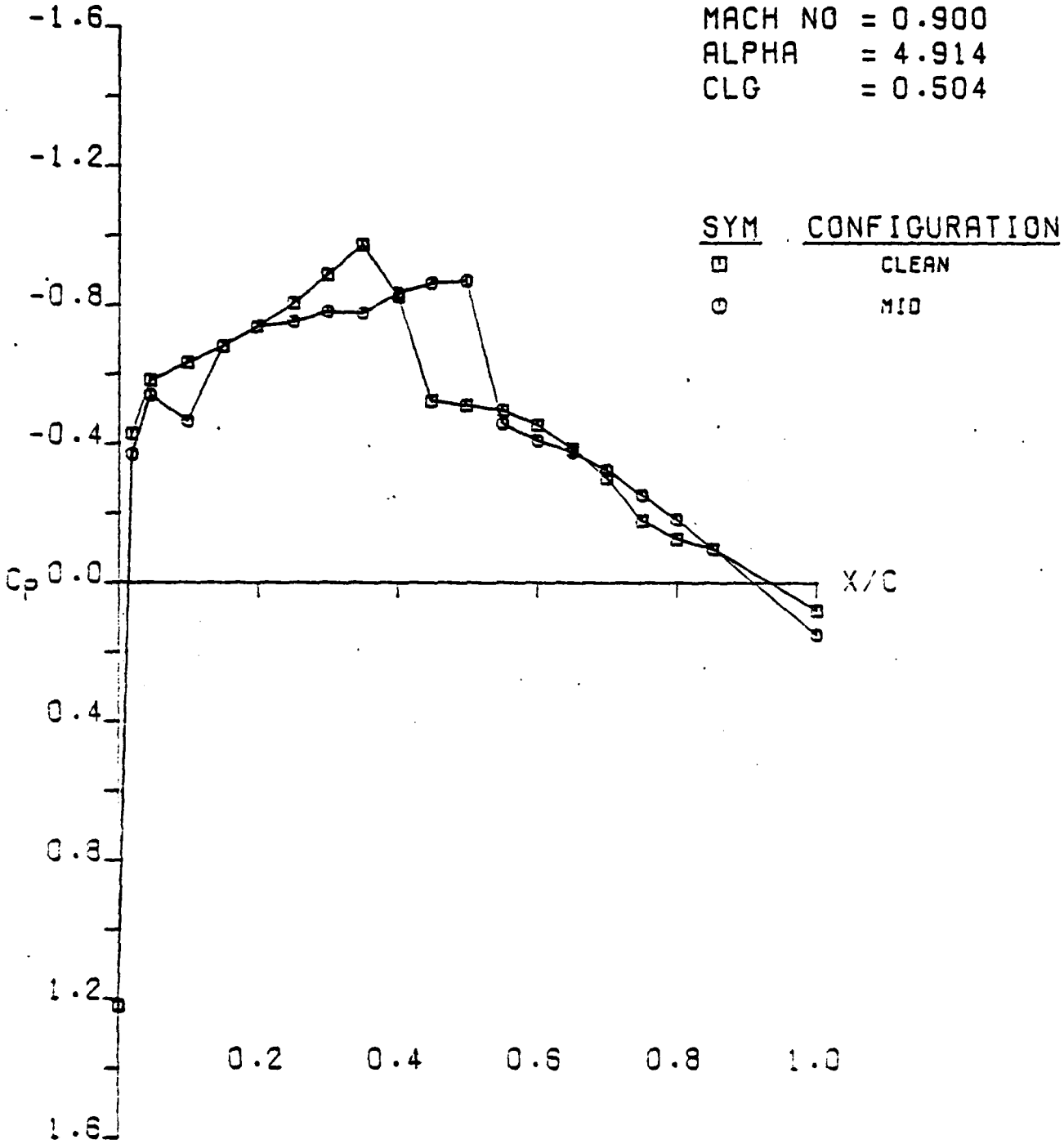
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS MID - NO SEAL (UPR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



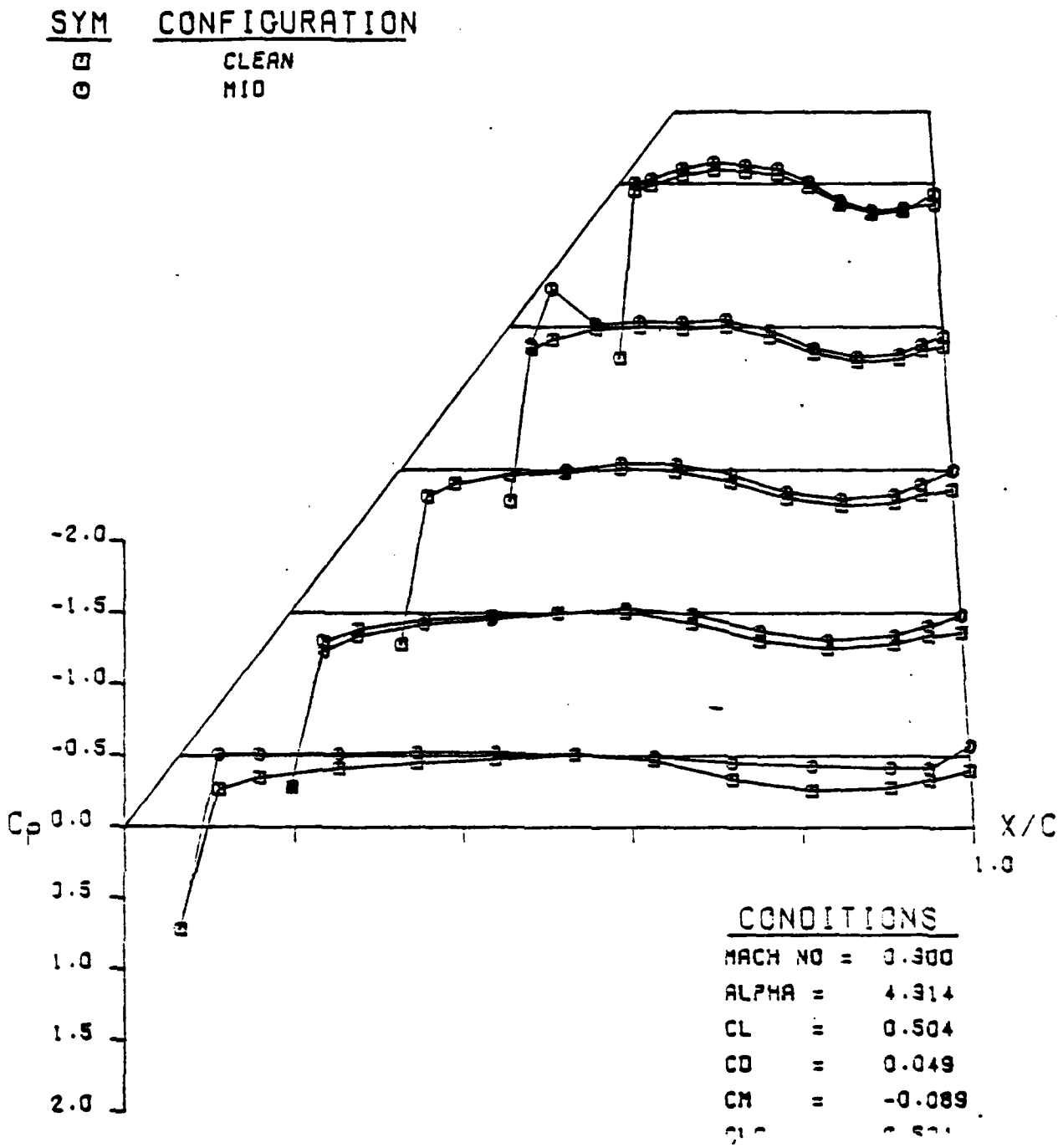
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS MID - NO SEAL (UPR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



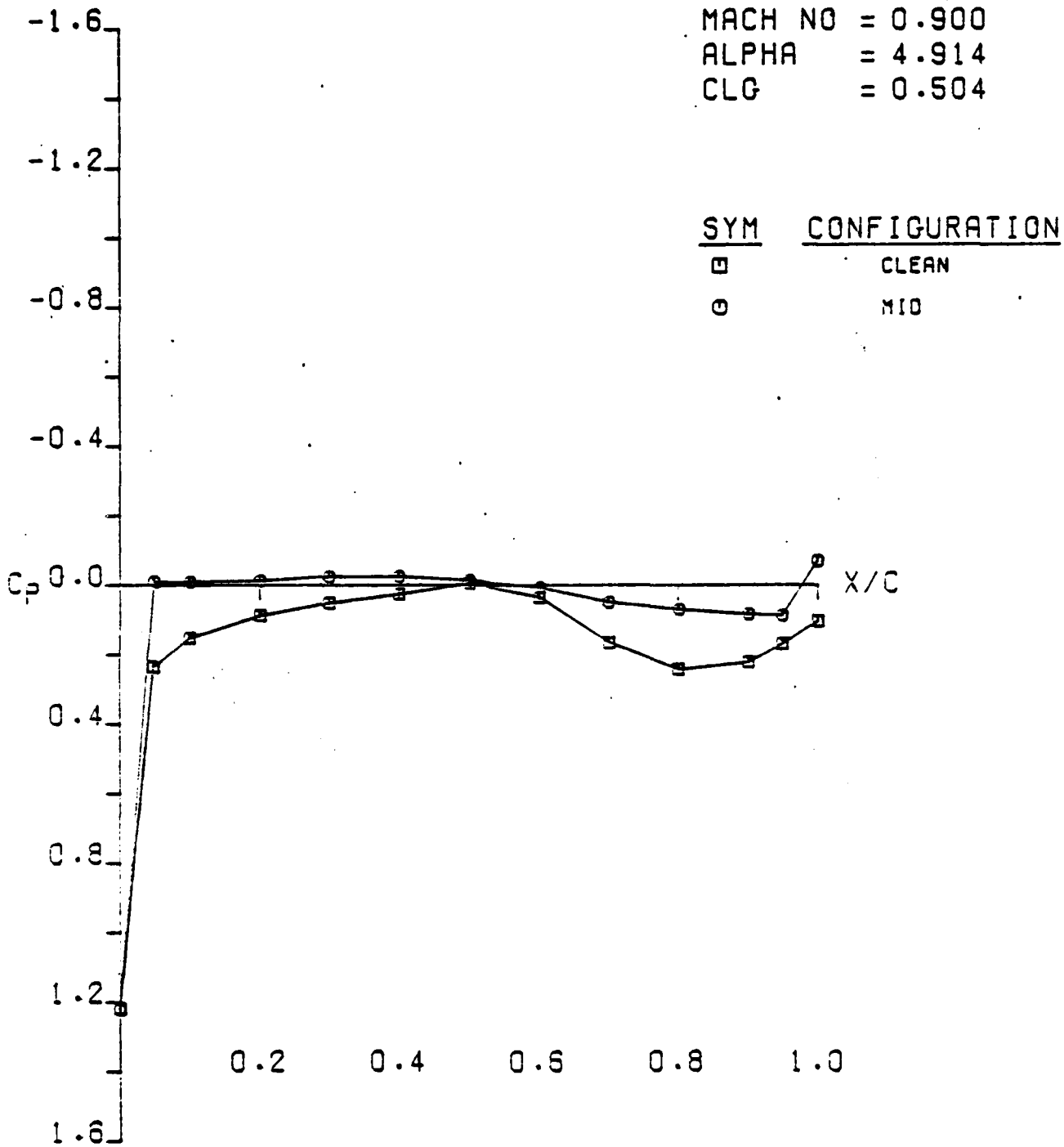
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS MID - NO SEAL (UPR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



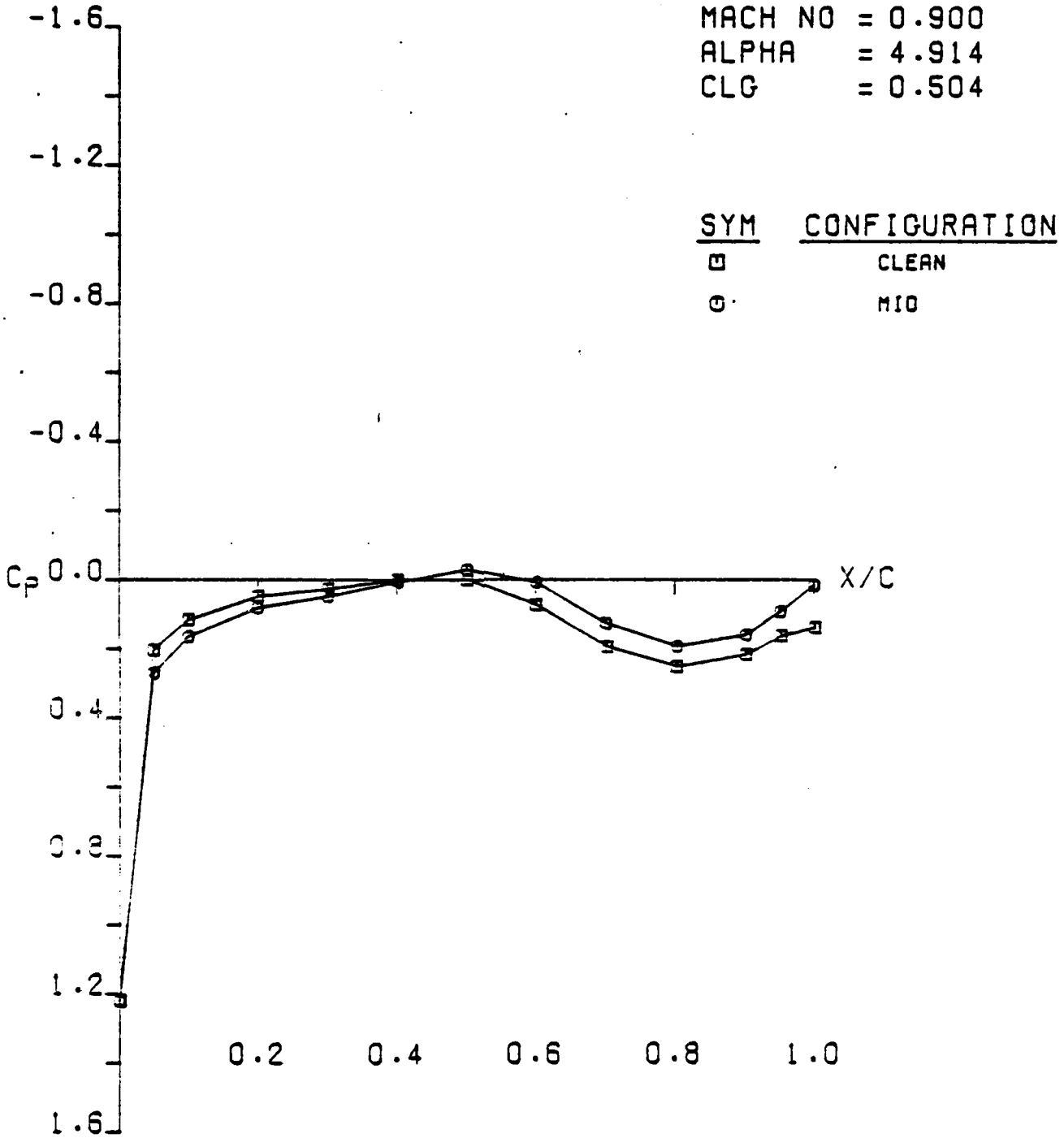
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS MID - NO SEAL (UPR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



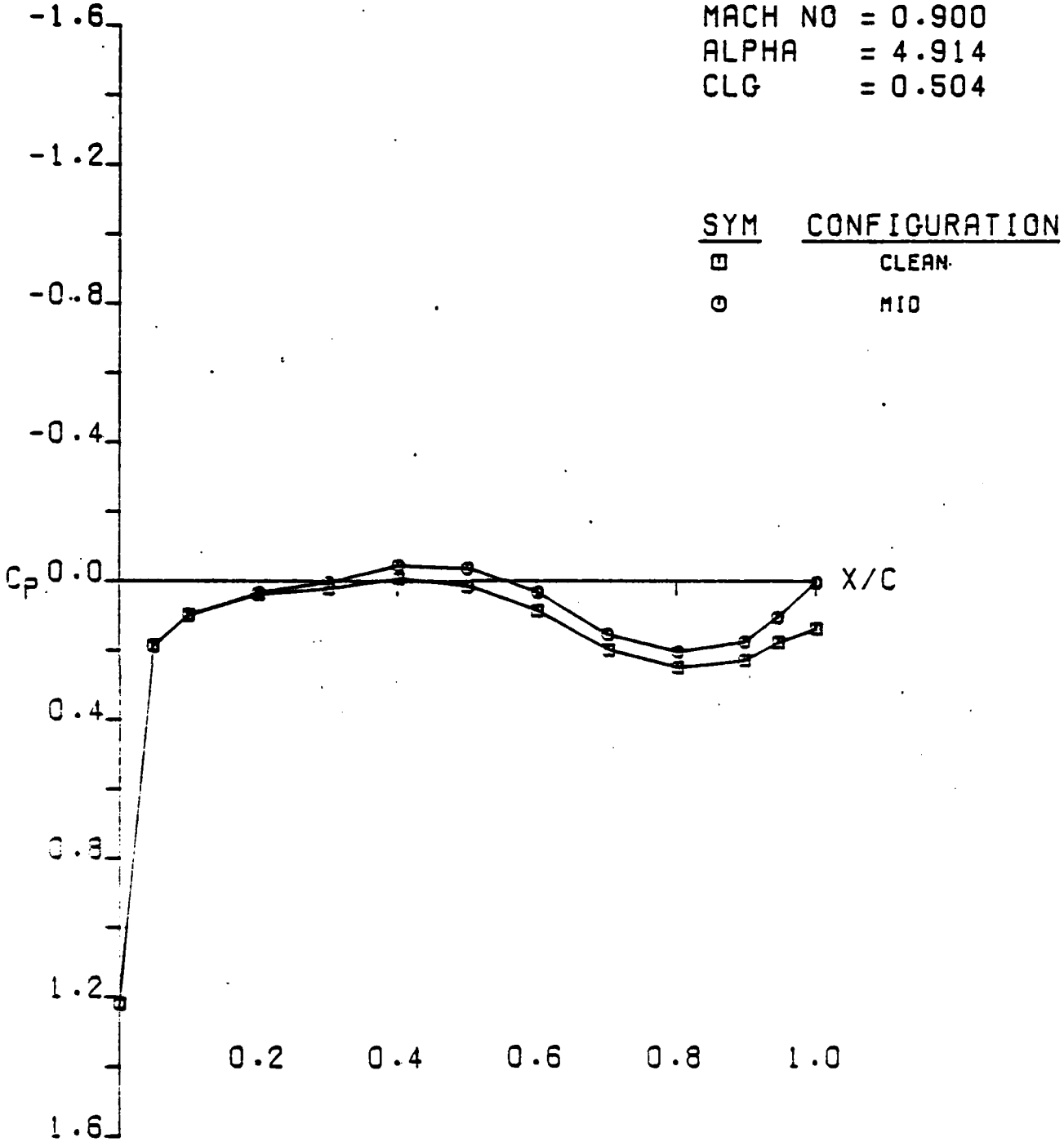
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS MID - NO SEAL (LWR SURF)
NUMERICALLY OPTIMIZED WING C



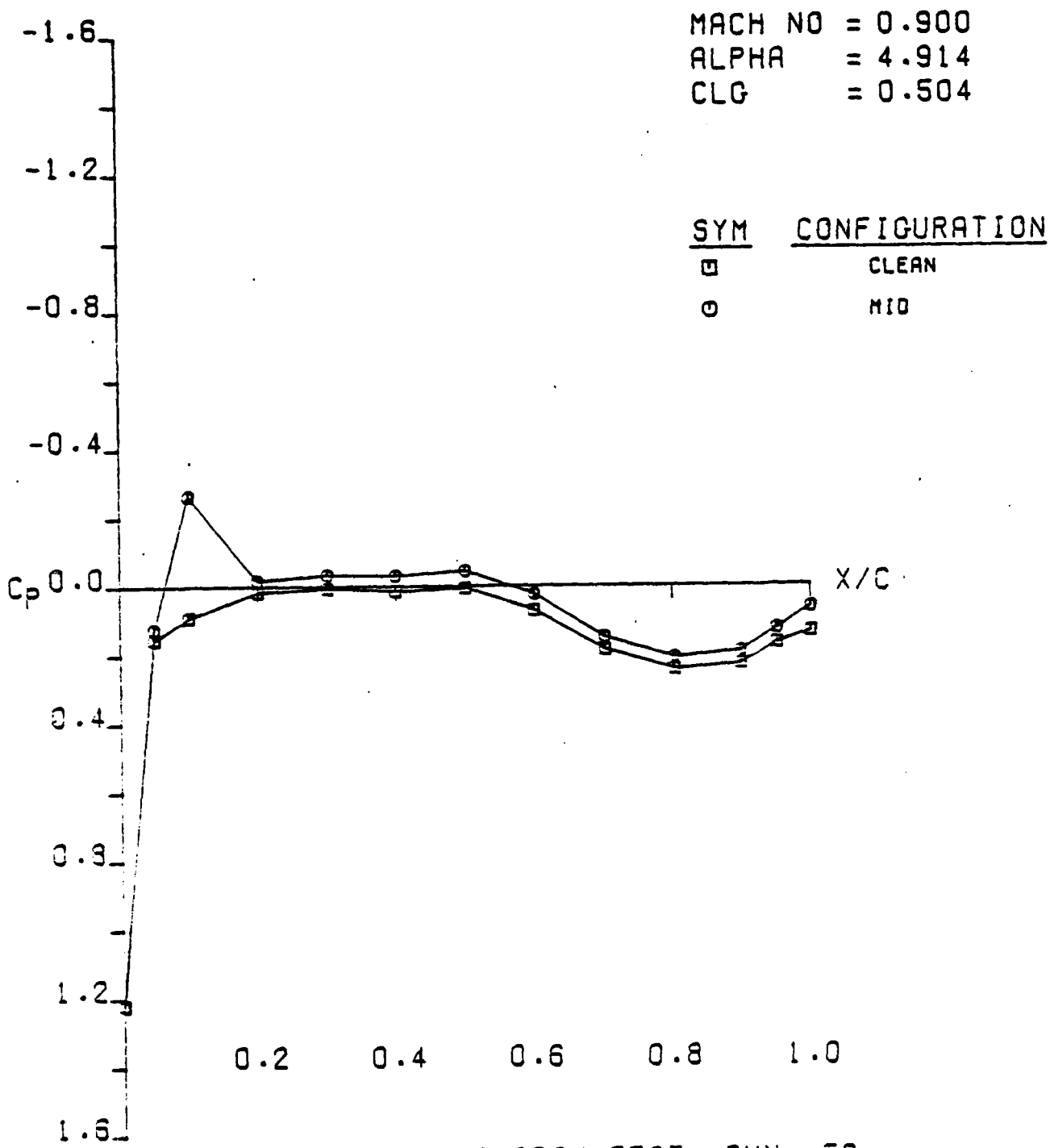
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS MID - NO SEAL (LWR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



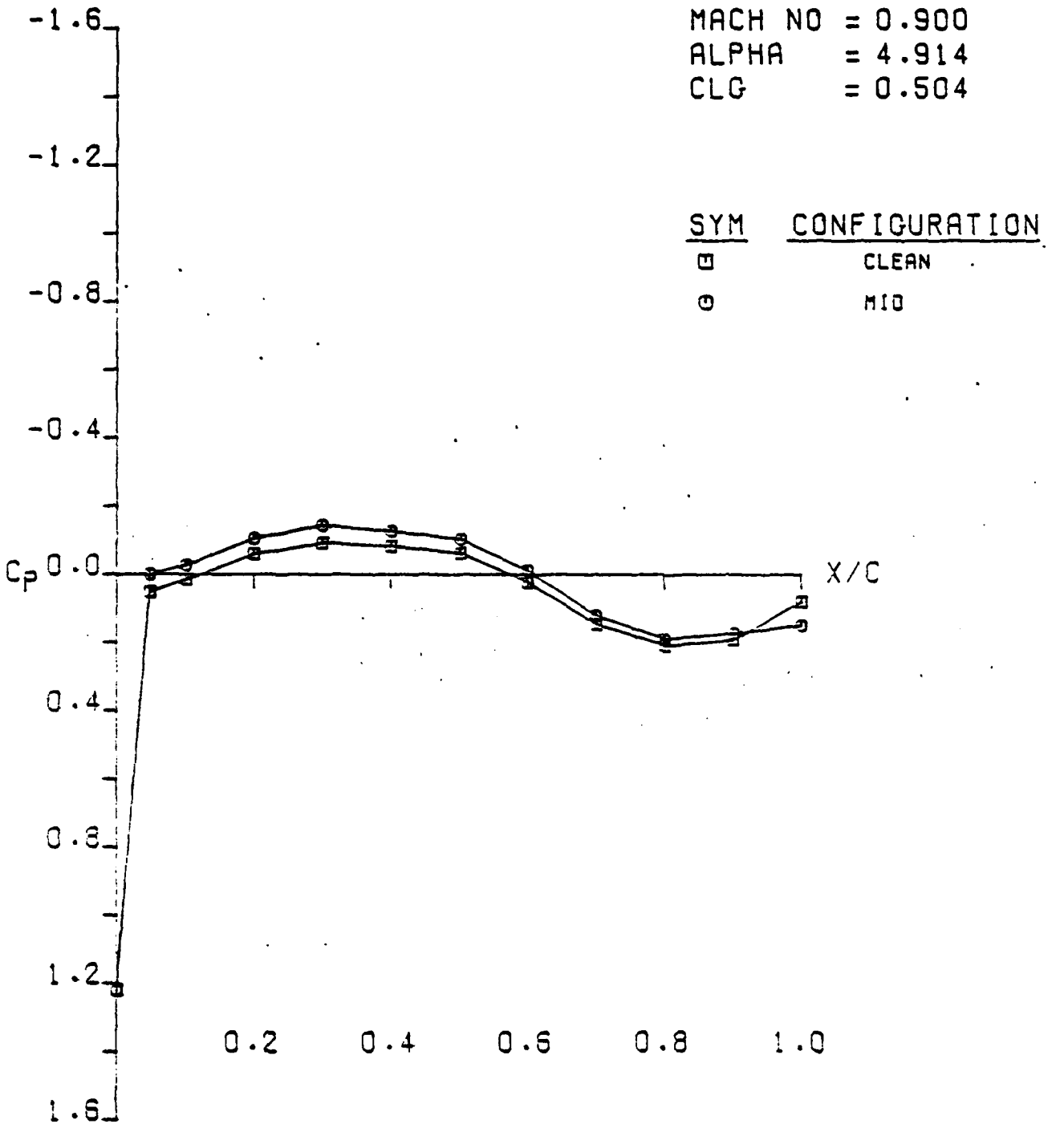
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS MID - NO SEAL (LWR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



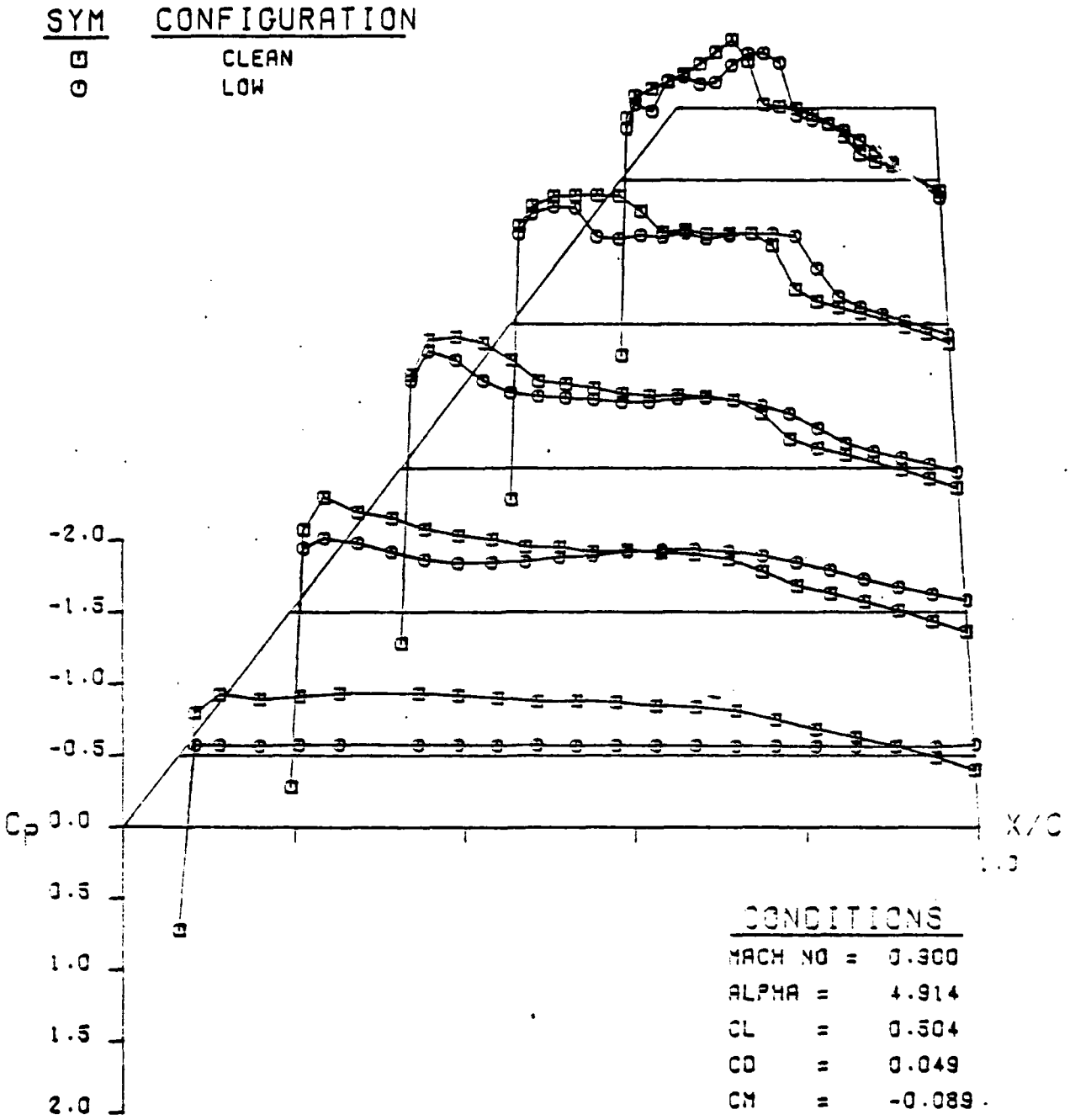
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS MID - NO SEAL (LWR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



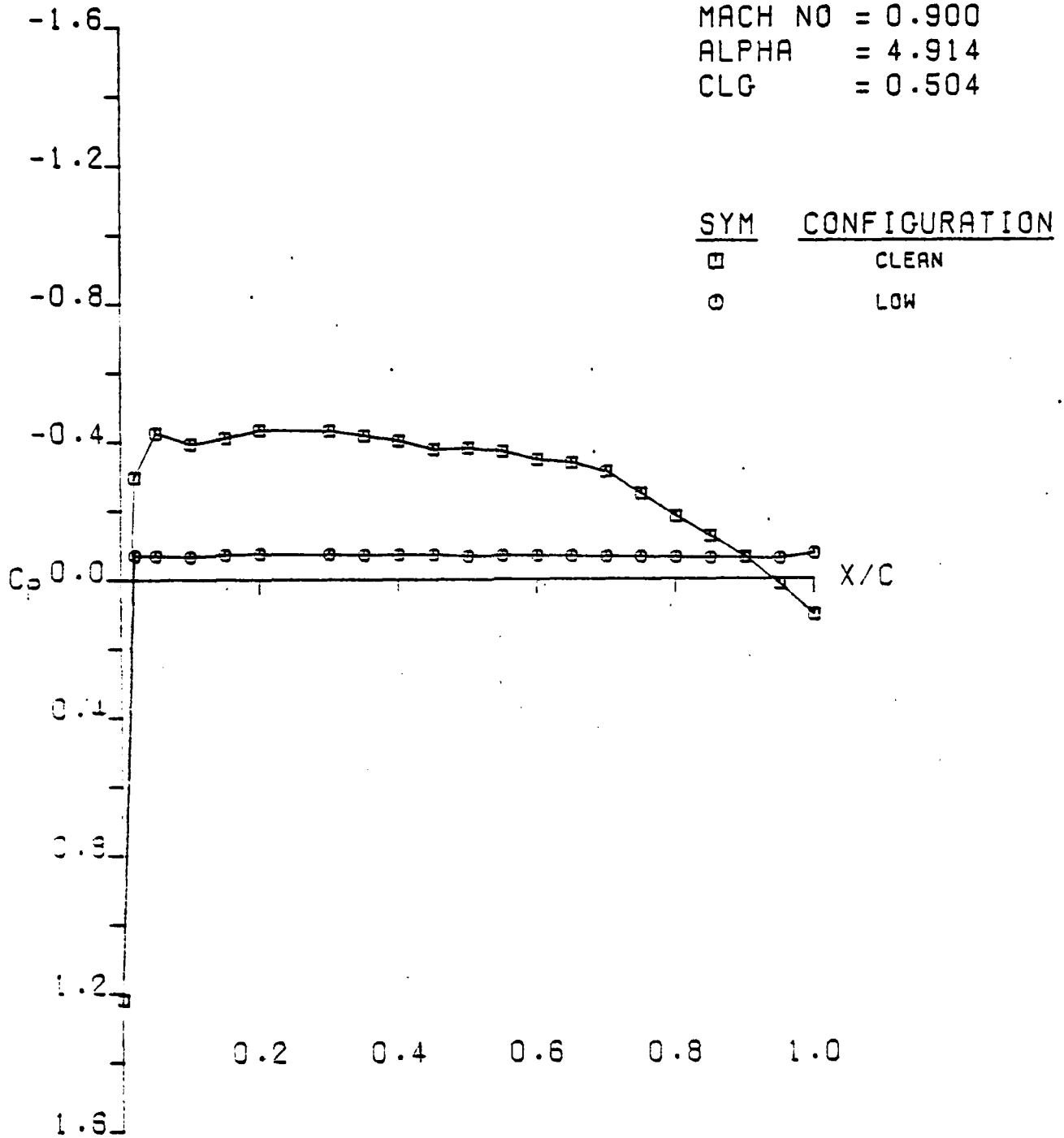
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS MID - NO SEAL (LWR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



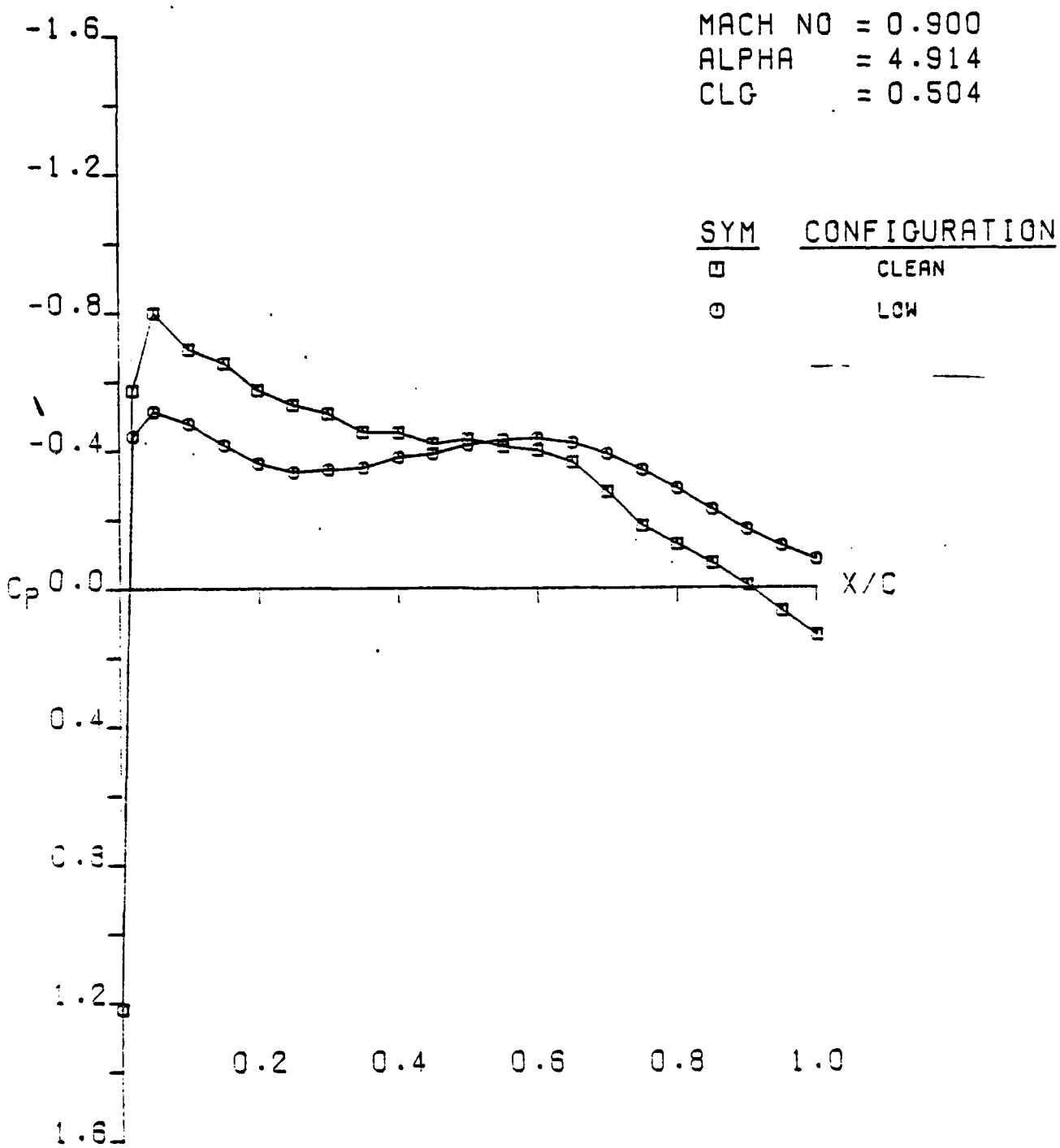
LOCKHEED CFWT SEMI-SPAN TEST. RUN 53
CLN VS MID - NO SEAL (LWR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



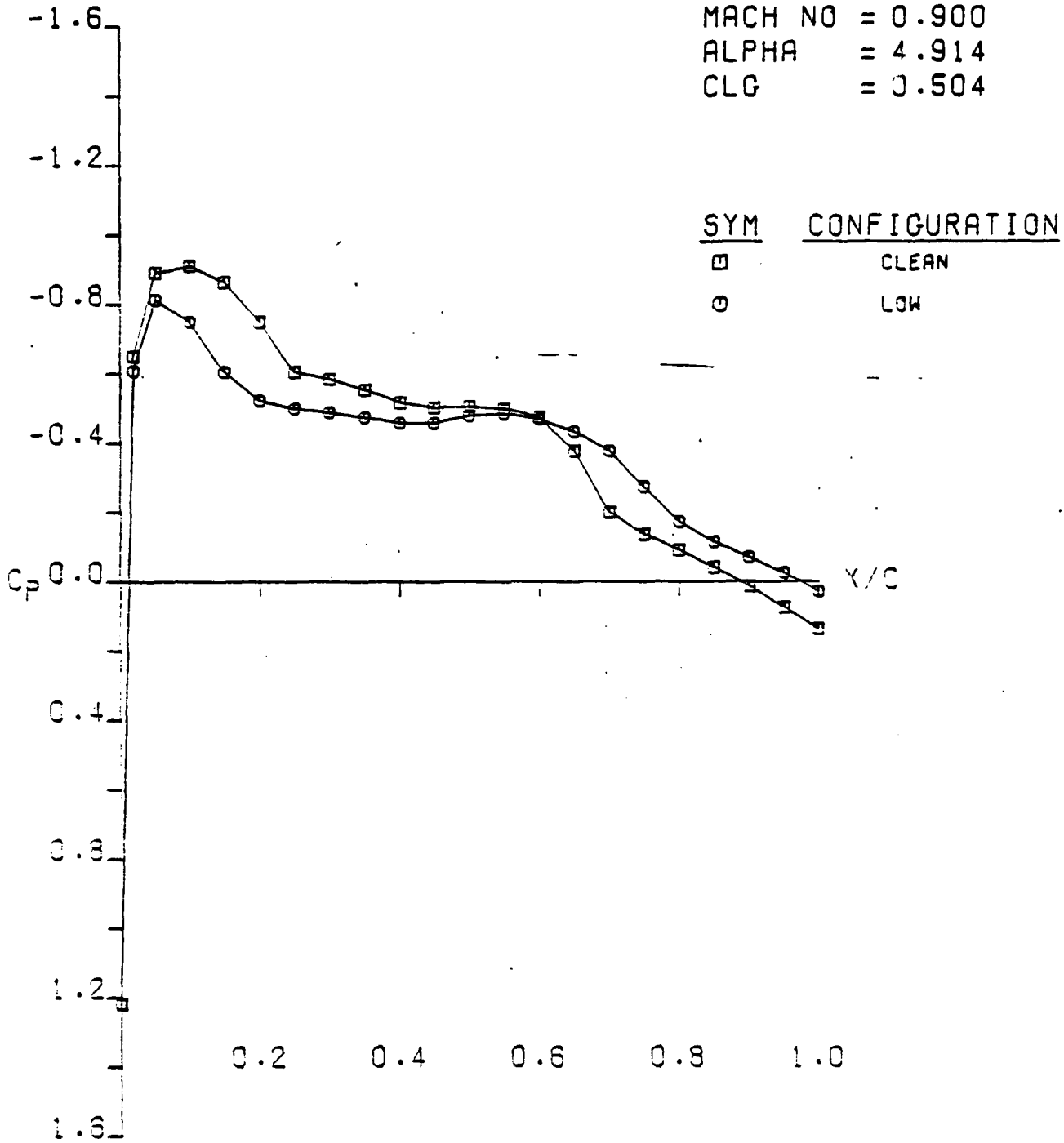
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS LOW (UPR SURF)
NUMERICALLY OPTIMIZED WING C



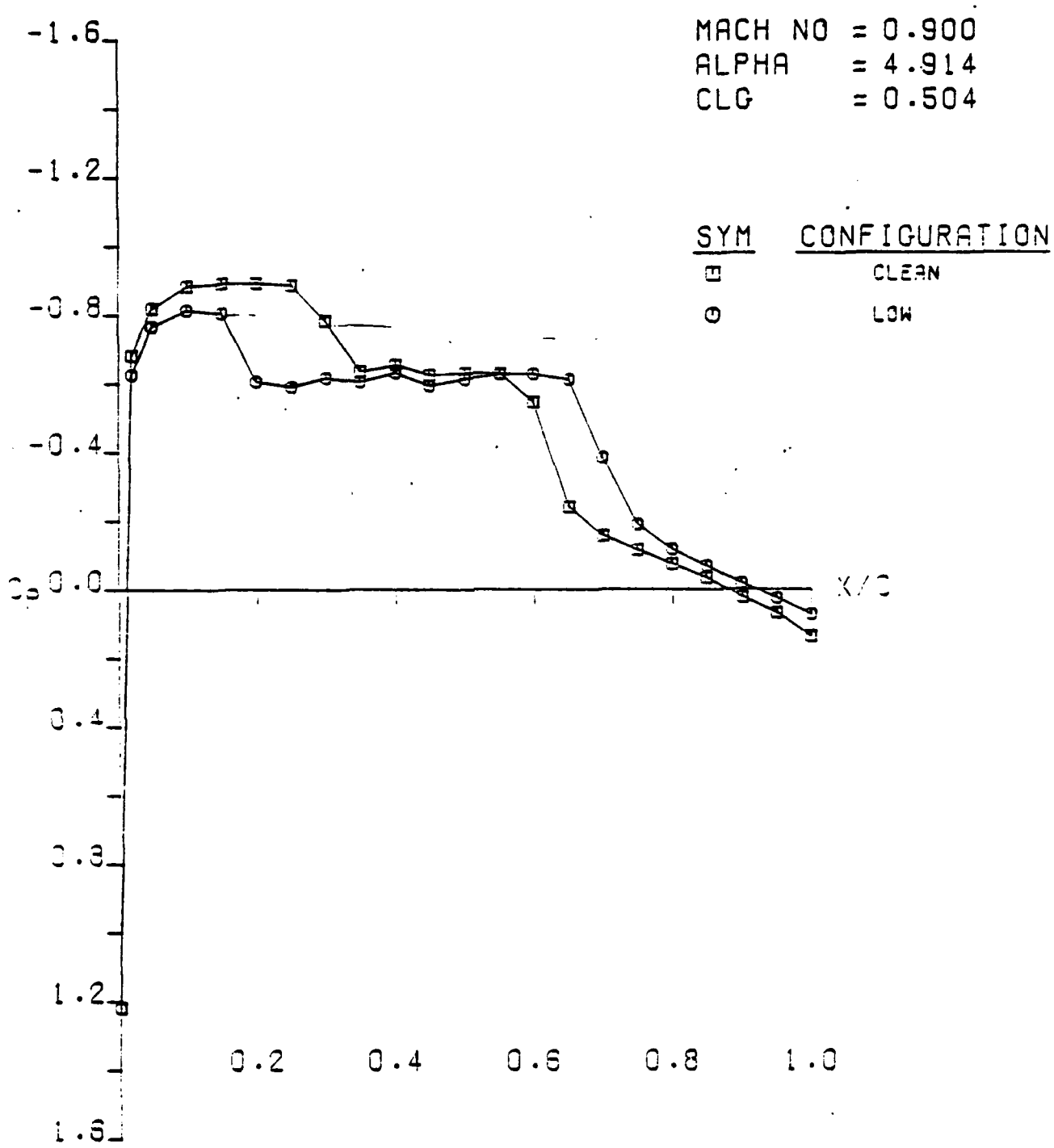
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS LOW (UPR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



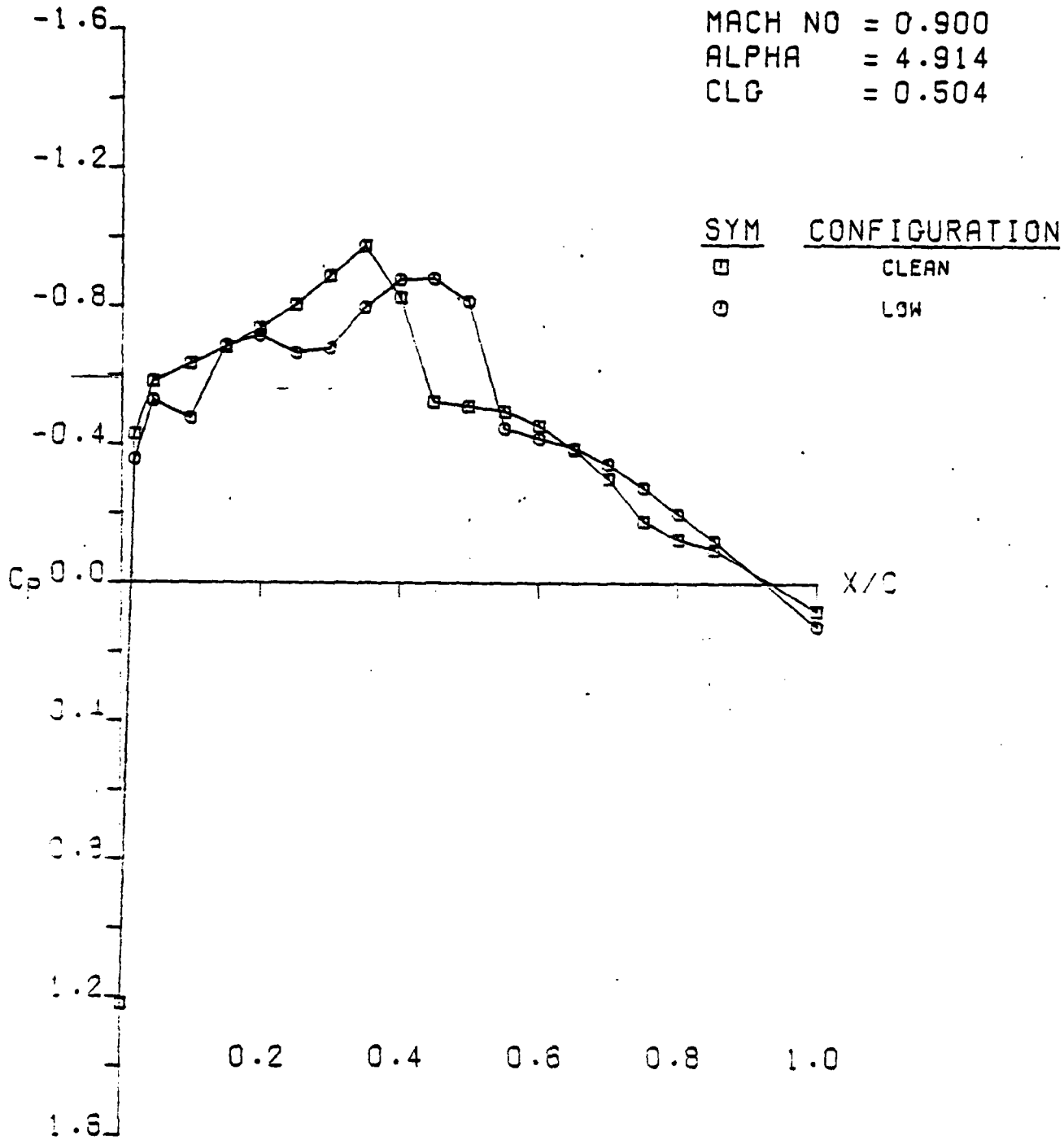
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS LOW (UPR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



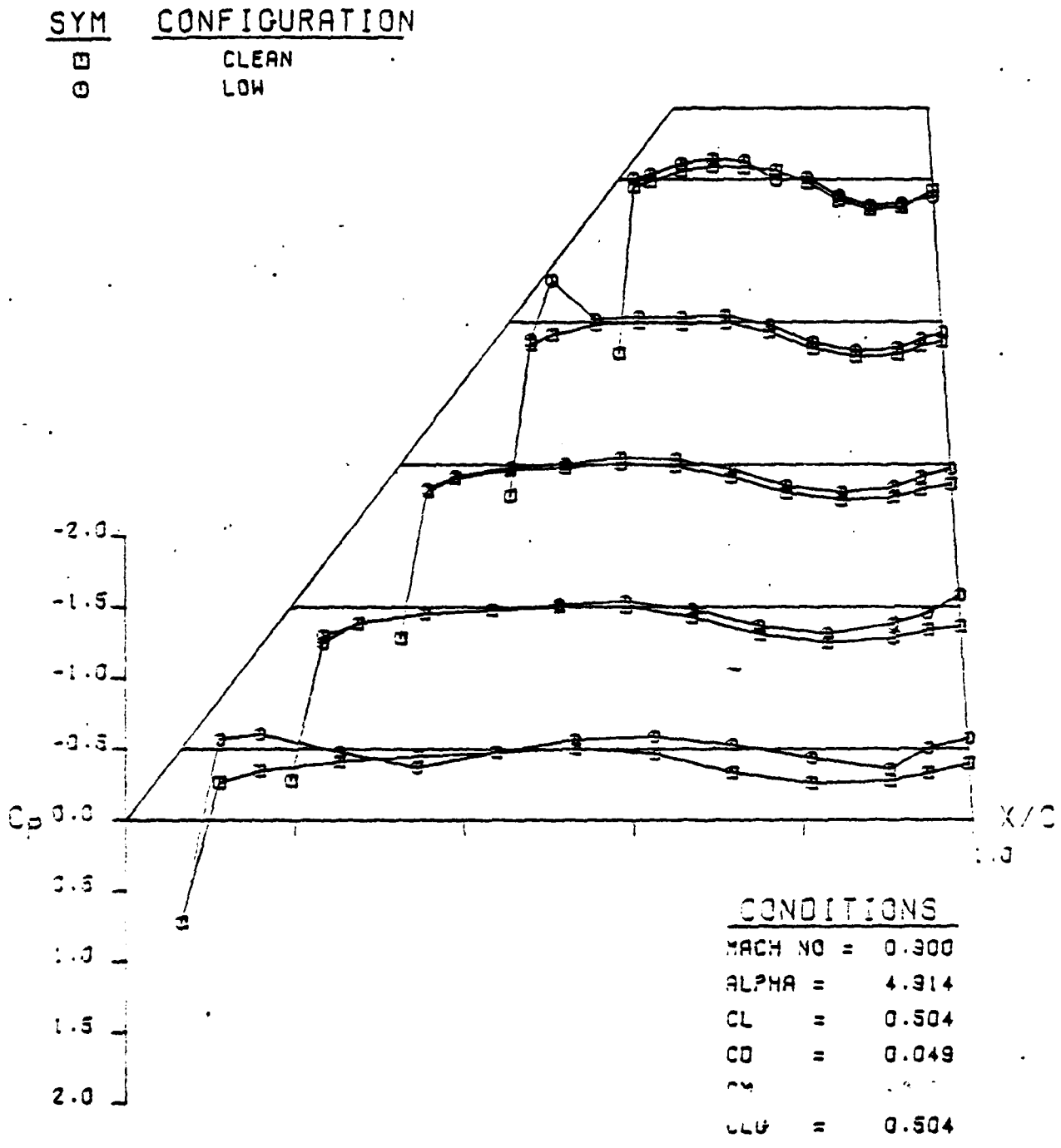
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS LOW (UPR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



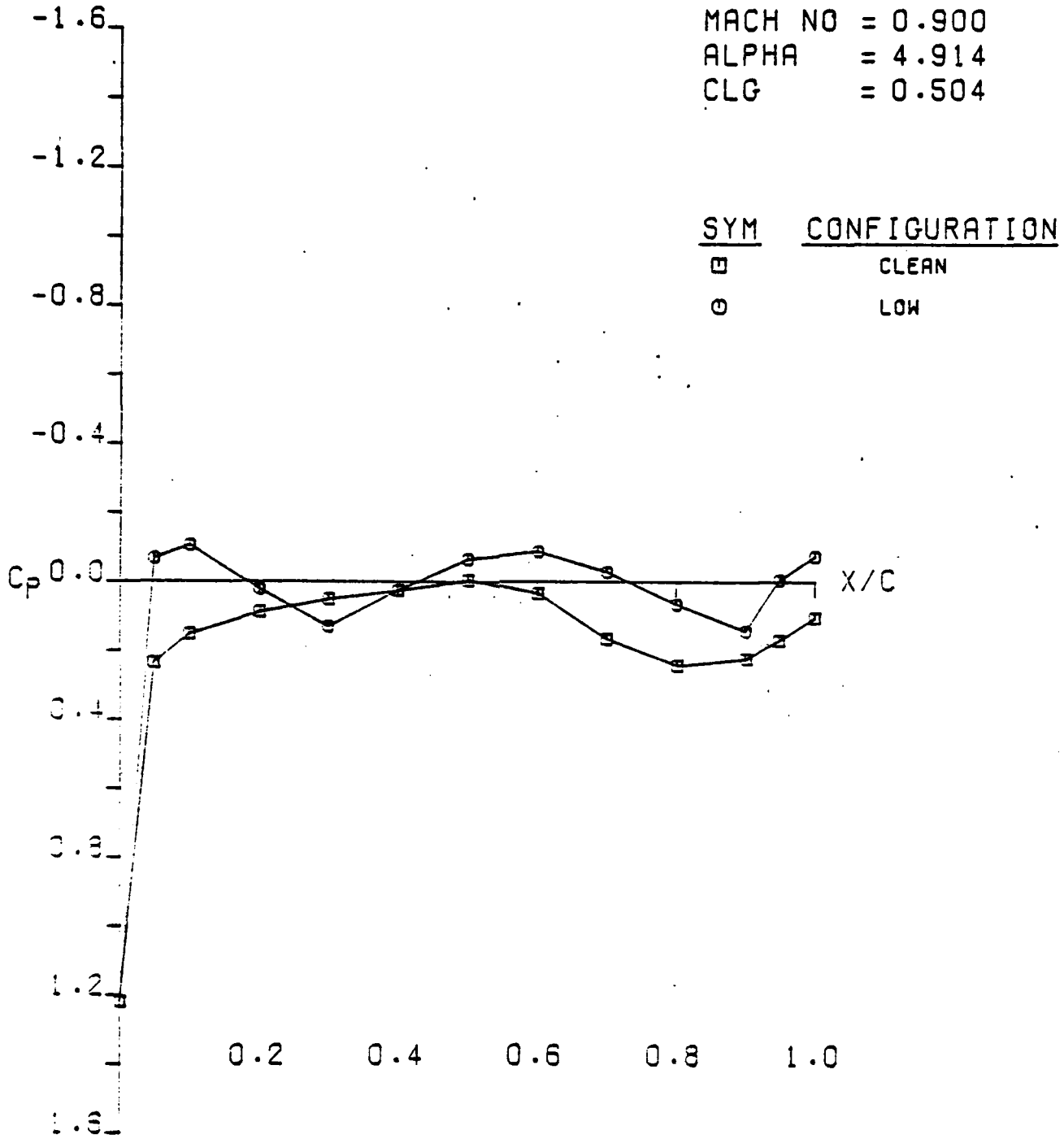
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS LOW (UPR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



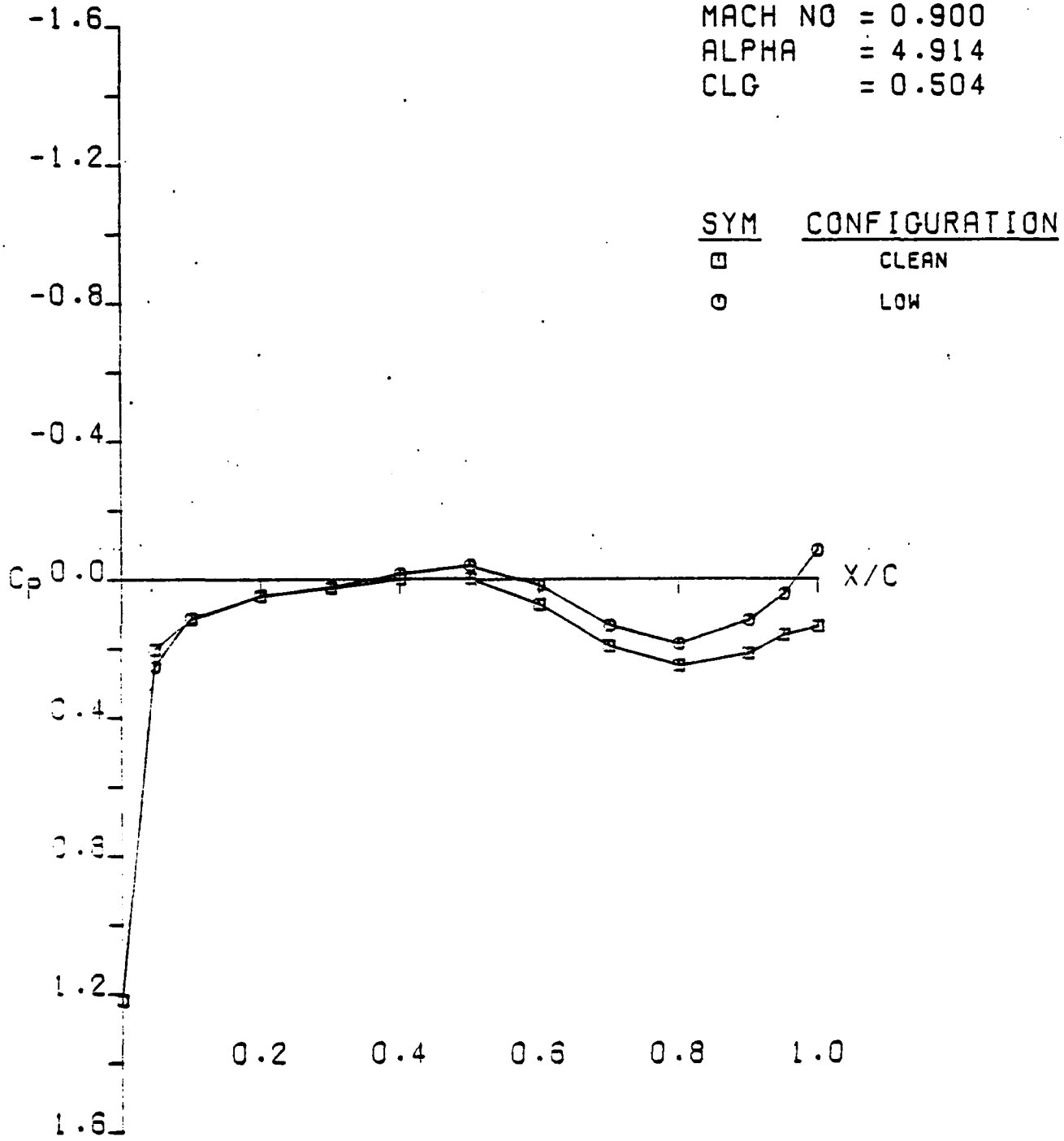
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS LOW (UPR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C



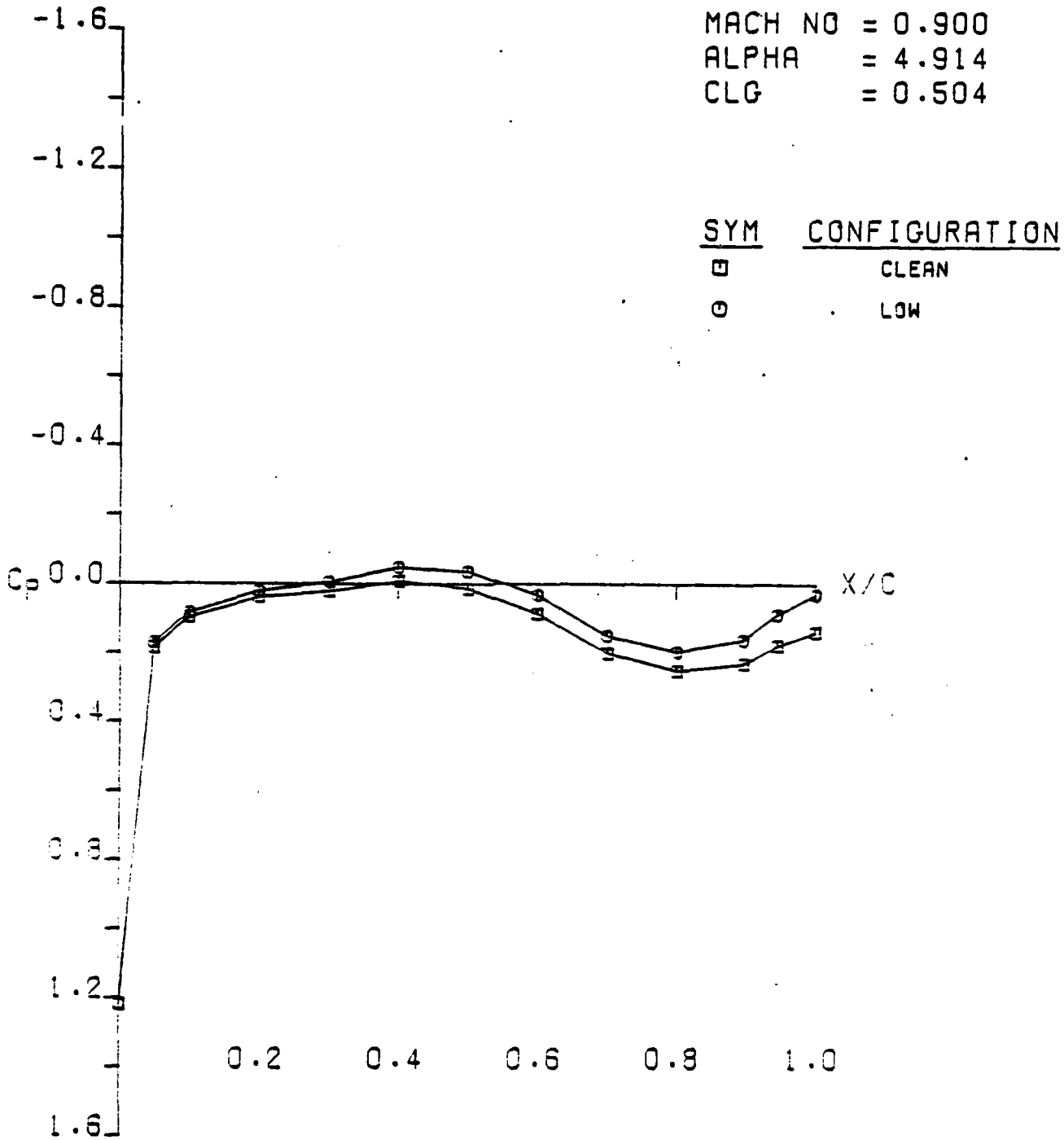
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS LOW (LWR SURF)
NUMERICALLY OPTIMIZED WING C



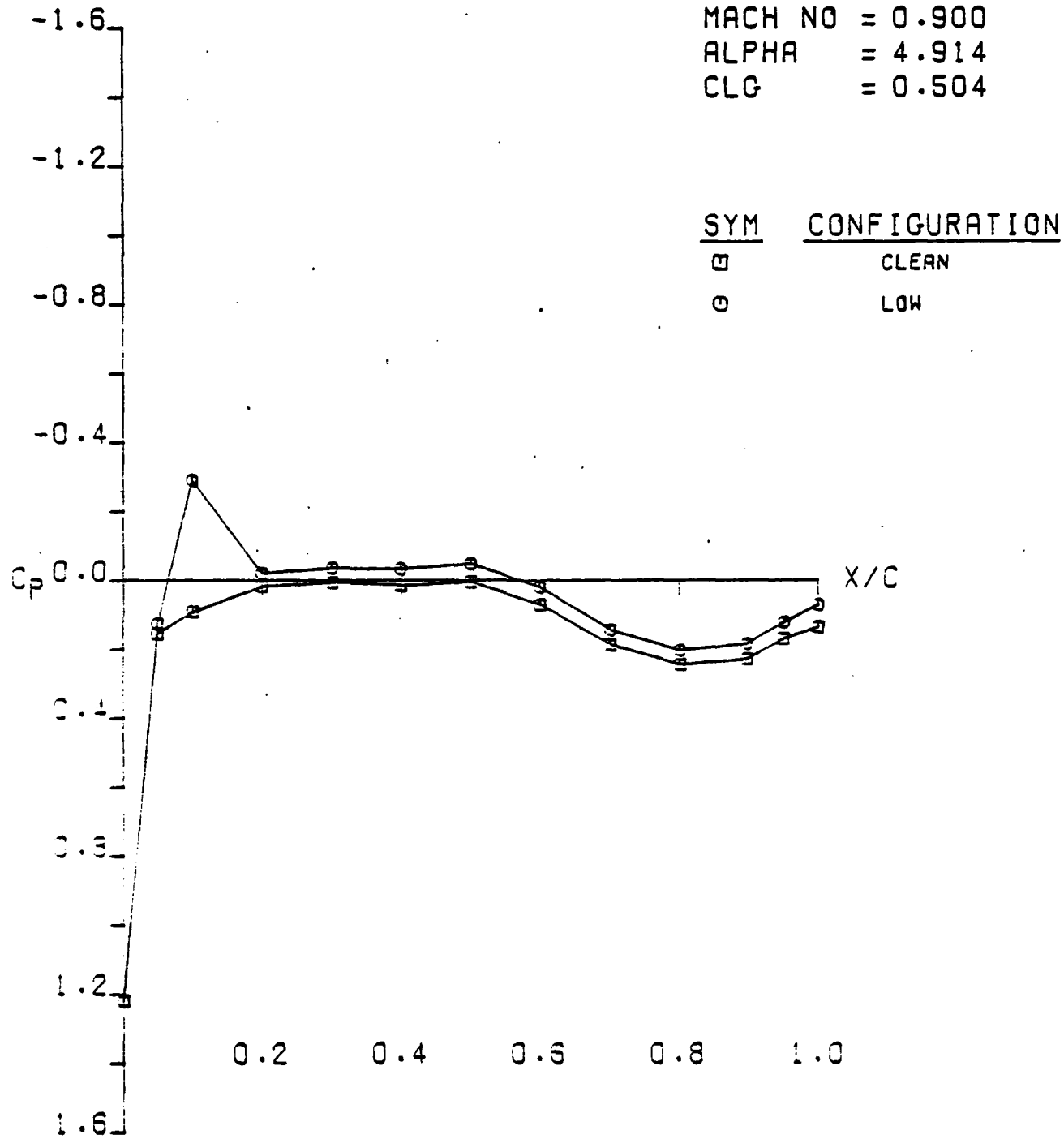
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS LOW (LWR SURF ETA .10)
NUMERICALLY OPTIMIZED WING C



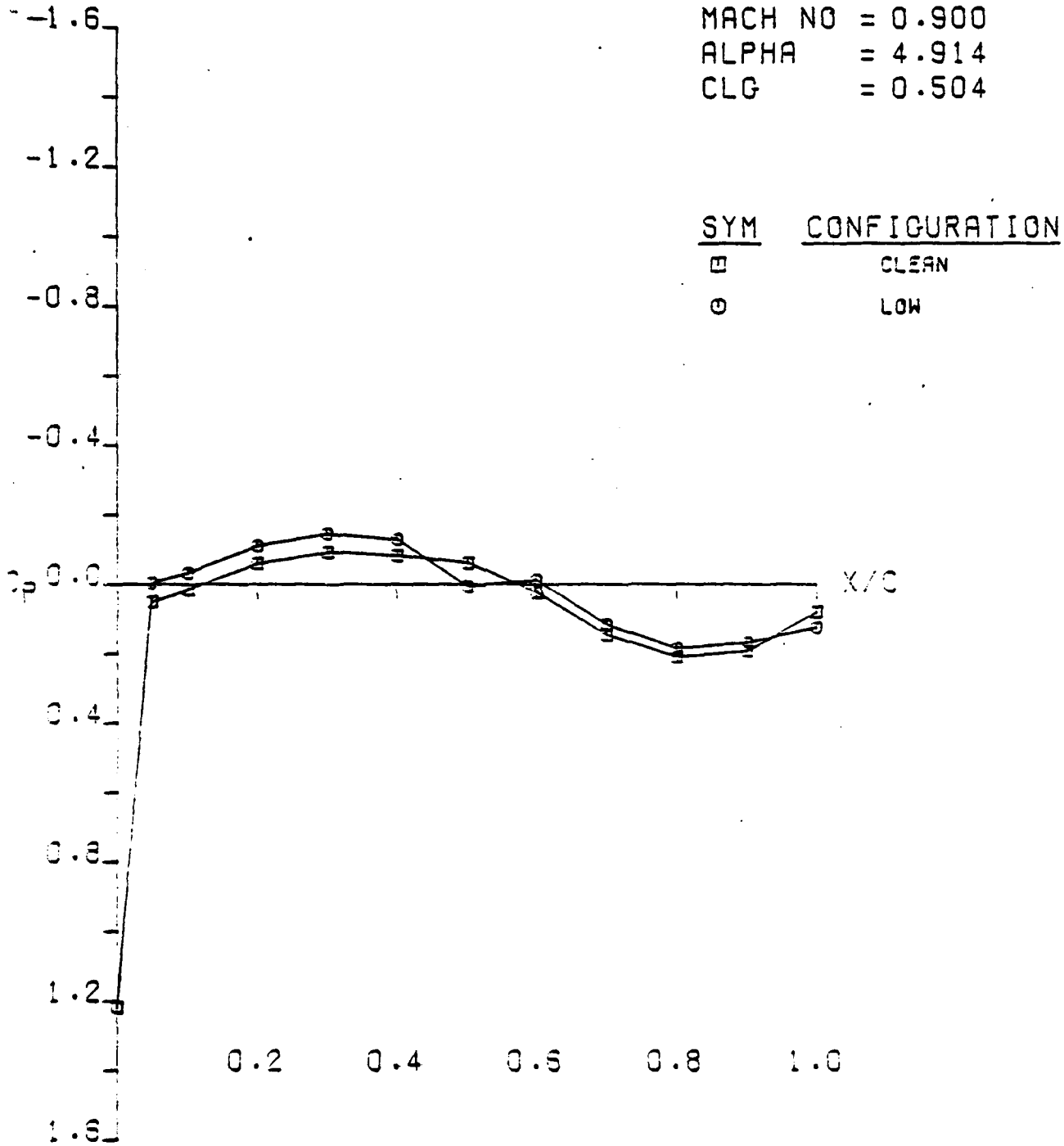
LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS LOW (LWR SURF ETA .30)
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS LOW (LWR SURF ETA .50)
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS LOW (LWR SURF ETA .70)
NUMERICALLY OPTIMIZED WING C



LOCKHEED CFWT SEMI-SPAN TEST, RUN 53
CLN VS LOW (LWR SURF ETA .90)
NUMERICALLY OPTIMIZED WING C

ILMED

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