

WIND PRESSURES AND FORCES ON FLAT-PLATE
PHOTOVOLTAIC SOLAR ARRAYS DATA SUPPLEMENT:
APPENDIX

by
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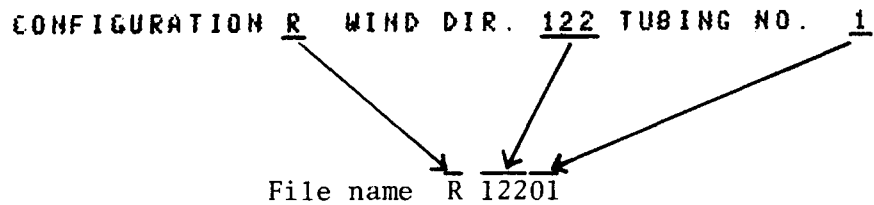
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This appendix presents the data supplement consisting of the velocity and turbulent profile of the nonuniform flow, the digitized pressure data referenced to 10 m on prototype and the various plots of pressure distribution along the chord of the solar array.

Pressure coefficients are defined in Section 3.2 on the main report. The pressure tap numbers shown in Appendix B are defined that; on the upstream surface of the solar array, the number runs 1 through 10 from the edge where $s/c = 0$, and on the downstream surface, 20 through 11. The file name for each test configuration is formulated as follows.



Force and model configurations are schematically explained in Figures 22 and 24 of the main report, respectively. Fence configurations are also tabulated in Table 17 of that report.

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APPENDIX A

Velocity and Turbulent Profile of
Nonuniform Flow

RESULTS FOR PROFILE - AKI19 AUG 27, 1980

REFERENCE VELOCITY = 52.27 FPS

HREF = 49.13 IN

EXPONENT = .1469 U(HMAX) = 49.48
RMS ERROR = 3.32UNAX MAX ERROR = 5.62UNAX

DATA POINT	HEIGHT IN	U-MEAN FPS	U-RMS FPS	TURB INT PERCENT
1	.50	27.04	4.600	17.01
2	.99	28.79	4.703	16.33
3	1.51	29.98	4.680	15.61
4	1.99	30.54	4.570	14.96
5	2.97	32.04	4.723	14.74
6	3.97	33.25	4.415	13.28
7	4.97	34.57	4.737	13.70
8	7.01	36.20	4.420	12.21
9	10.02	37.93	4.230	11.15
10	11.95	37.97	4.214	11.10
11	16.02	39.98	4.033	10.09
12	20.01	41.43	3.995	9.64
13	25.01	43.80	3.879	8.86
14	30.01	46.50	3.679	7.91
15	35.00	48.67	3.120	6.41
16	40.00	50.43	2.740	5.43
17	44.98	51.62	2.109	4.09
18	49.13	52.27	1.924	3.68

APPENDIX B

Pressure Data Referenced to 10 m on Prototype

List of Run Configurations

File Name	Flow Profile		WD	Array		H/c	x	α	Array #	FC	MC
	Uniform	1/7 th		Single	Multiple						
A02001	✓		0	✓		0.25	-	20	-	-	0
A03501	✓		0	✓		0.25	-	35	-	-	0
A06001	✓		0	✓		0.25	-	60	-	-	0
A09001	✓		0	✓		0.25	-	90	-	-	0
A12001	✓		0	✓		0.25	-	120	-	-	0
A14501	✓		0	✓		0.25	-	145	-	-	0
A16001	✓		0	✓		0.25	-	160	-	-	0
B02001	✓		0	✓		0.5	-	20	-	-	0
B06001	✓		0	✓		0.5	-	60	-	-	0
B09001	✓		0	✓		0.5	-	90	-	-	0
B12001	✓		0	✓		0.5	-	120	-	-	0
B16001	✓		0	✓		0.5	-	160	-	-	0
C02001	✓		0	✓		∞	-	20	-	-	0
C03501	✓		0	✓		∞	-	35	-	-	0
C06001	✓		0	✓		∞	-	60	-	-	0
C09001	✓		0	✓		∞	-	90	-	-	0
D02001	✓		0		✓	0.25	1.5c	20	1	-	0
D02101	✓		0		✓	0.25	1.5c	20	2	-	0
D02201	✓		0		✓	0.25	1.5c	20	5	-	0
D03501	✓		0		✓	0.25	1.5c	35	1	-	0
D03601	✓		0		✓	0.25	1.5c	35	2	-	0
D03701	✓		0		✓	0.25	1.5c	35	5	-	0
D14501	✓		0		✓	0.25	1.5c	145	1	-	0
D14601	✓		0		✓	0.25	1.5c	145	2	-	0
D16001	✓		0		✓	0.25	1.5c	160	1	-	0
D16101	✓		0		✓	0.25	1.5c	160	2	-	0
E02001	✓		0		✓	0.25	2.0c	20	1	-	0
E02101	✓		0		✓	0.25	2.0c	20	2	-	0
E02201	✓		0		✓	0.25	2.0c	20	5	-	0
E03501	✓		0		✓	0.25	2.0c	35	1	-	0
E03601	✓		0		✓	0.25	2.0c	35	2	-	0
E03701	✓		0		✓	0.25	2.0c	35	5	-	0
E06001	✓		0		✓	0.25	2.0c	60	1	-	0
E06101	✓		0		✓	0.25	2.0c	60	2	-	0
E06201	✓		0		✓	0.25	2.0c	60	5	-	0
E09001	✓		0		✓	0.25	2.0c	90	1	-	0
E09101	✓		0		✓	0.25	2.0c	90	2	-	0
E09201	✓		0		✓	0.25	2.0c	90	5	-	0
E12001	✓		0		✓	0.25	2.0c	120	1	-	0
E12101	✓		0		✓	0.25	2.0c	120	2	-	0
E12201	✓		0		✓	0.25	2.0c	120	5	-	0
E14501	✓		0		✓	0.25	2.0c	145	1	-	0
E14601	✓		0		✓	0.25	2.0c	145	2	-	0
E14701	✓		0		✓	0.25	2.0c	145	5	-	0
E16001	✓		0		✓	0.25	2.0c	160	1	-	0
E16101	✓		0		✓	0.25	2.0c	160	2	-	0
E16201	✓		0		✓	0.25	2.0c	160	5	-	0
F03501	✓		0		✓	0.25	3.0c	35	1	-	0

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File Name	Flow Profile		WD	Array		H/c	x	α	Array #	FC	MC
	Uniform	1/7 th		Single	Multiple						
F03601	✓		0		✓	0.25	3.0c	35	2	-	0
F03701	✓		0		✓	0.25	3.0c	35	4	-	0
F06001	✓		0		✓	0.25	3.0c	60	1	-	0
F06101	✓		0		✓	0.25	3.0c	60	2	-	0
F06201	✓		0		✓	0.25	3.0c	60	4	-	0
F12001	✓		0		✓	0.25	3.0c	120	1	-	0
F12101	✓		0		✓	0.25	3.0c	120	2	-	0
F12201	✓		0		✓	0.25	3.0c	120	4	-	0
F14501	✓		0		✓	0.25	3.0c	145	1	-	0
F14601	✓		0		✓	0.25	3.0c	145	2	-	0
F14701	✓		0		✓	0.25	3.0c	145	4	-	0
G02001		✓	0	✓		0.25	-	20	-	-	0
G03501		✓	0	✓		0.25	-	35	-	-	0
G06001		✓	0	✓		0.25	-	60	-	-	0
G09001		✓	0	✓		0.25	-	90	-	-	0
G12001		✓	0	✓		0.25	-	120	-	-	0
G14501		✓	0	✓		0.25	-	145	-	-	0
G16001		✓	0	✓		0.25	-	160	-	-	0
G01101		✓	0	✓		0.25	-	35	-	7	0
G01201		✓	0	✓		0.25	-	35	-	8	0
G01301		✓	0	✓		0.25	-	35	-	1	0
G01401		✓	0	✓		0.25	-	35	-	9	0
G01501		✓	0	✓		0.25	-	35	-	10	0
G02101		✓	0	✓		0.25	-	145	-	7	0
G02201		✓	0	✓		0.25	-	145	-	8	0
G02301		✓	0	✓		0.25	-	145	-	1	0
G02401		✓	0	✓		0.25	-	145	-	9	0
G02501		✓	0	✓		0.25	-	145	-	10	0
H02001		✓	0		✓	0.25	1.5c	20	1	-	0
H02101		✓	0		✓	0.25	1.5c	20	2	-	0
H02201		✓	0		✓	0.25	1.5c	20	5	-	0
H03501		✓	0		✓	0.25	1.5c	35	1	-	0
H03601		✓	0		✓	0.25	1.5c	35	2	-	0
H03701		✓	0		✓	0.25	1.5c	35	5	-	0
H14501		✓	0		✓	0.25	1.5c	145	1	-	0
H14601		✓	0		✓	0.25	1.5c	145	2	-	0
H14701		✓	0		✓	0.25	1.5c	145	5	-	0
H16001		✓	0		✓	0.25	1.5c	160	1	-	0
H16101		✓	0		✓	0.25	1.5c	160	2	-	0
H16201		✓	0		✓	0.25	1.5c	160	5	-	0
I02001		✓	0		✓	0.25	2.0c	20	1	-	0
I02101		✓	0		✓	0.25	2.0c	20	2	-	0
I02201		✓	0		✓	0.25	2.0c	20	5	-	0
I03501		✓	0		✓	0.25	2.0c	35	1	-	0
I03601		✓	0		✓	0.25	2.0c	35	2	-	0
I03701		✓	0		✓	0.25	2.0c	35	5	-	0
I06001		✓	0		✓	0.25	2.0c	60	1	-	0
I06101		✓	0		✓	0.25	2.0c	60	2	-	0

File Name	Flow Profile		WD	Array		H/c	x	α	Array #	FC	MC
	Uniform	1/7 th		Single	Multiple						
I06201	✓		0		✓	0.25	2.0c	60	5	-	0
I09001	✓		0		✓	0.25	2.0c	90	1	-	0
I09101	✓		0		✓	0.25	2.0c	90	2	-	0
I09201	✓		0		✓	0.25	2.0c	90	5	-	0
I12001	✓		0		✓	0.25	2.0c	120	1	-	0
I12101	✓		0		✓	0.25	2.0c	120	2	-	0
I12201	✓		0		✓	0.25	2.0c	120	5	-	0
I14501	✓		0		✓	0.25	2.0c	145	1	-	0
I14601	✓		0		✓	0.25	2.0c	145	2	-	0
I14701	✓		0		✓	0.25	2.0c	145	5	-	0
I16001	✓		0		✓	0.25	2.0c	160	1	-	0
I16101	✓		0		✓	0.25	2.0c	160	2	-	0
I16201	✓		0		✓	0.25	2.0c	160	5	-	0
J03501	✓		0		✓	0.25	3.0c	35	1	-	0
J03601	✓		0		✓	0.25	3.0c	35	2	-	0
J03701	✓		0		✓	0.25	3.0c	35	4	-	0
J06001	✓		0		✓	0.25	3.0c	60	1	-	0
J06101	✓		0		✓	0.25	3.0c	60	2	-	0
J06201	✓		0		✓	0.25	3.0c	60	4	-	0
J12001	✓		0		✓	0.25	3.0c	120	1	-	0
J12101	✓		0		✓	0.25	3.0c	120	2	-	0
J12201	✓		0		✓	0.25	3.0c	120	4	-	0
J14501	✓		0		✓	0.25	3.0c	145	1	-	0
J14601	✓		0		✓	0.25	3.0c	145	2	-	0
J14701	✓		0		✓	0.25	3.0c	145	4	-	0
K03501	✓		0		✓	0.25	2.0c	35	1	5	0
K03601	✓		0		✓	0.25	2.0c	35	2	5	0
K03701	✓		0		✓	0.25	2.0c	35	5	5	0
K09001	✓		0		✓	0.25	2.0c	90	1	5	0
K09101	✓		0		✓	0.25	2.0c	90	2	5	0
K09201	✓		0		✓	0.25	2.0c	90	5	5	0
K14501	✓		0		✓	0.25	2.0c	145	1	5	0
K14601	✓		0		✓	0.25	2.0c	145	2	5	0
K14701	✓		0		✓	0.25	2.0c	145	5	5	0
K16001	✓		0		✓	0.25	2.0c	160	1	5	0
K16101	✓		0		✓	0.25	2.0c	160	2	5	0
K16201	✓		0		✓	0.25	2.0c	160	5	5	0
L03501	✓		0		✓	0.25	2.0c	35	1	1	0
L03601	✓		0		✓	0.25	2.0c	35	2	1	0
L03701	✓		0		✓	0.25	2.0c	35	5	1	0
L09001	✓		0		✓	0.25	2.0c	90	1	1	0
L09101	✓		0		✓	0.25	2.0c	90	2	1	0
L09201	✓		0		✓	0.25	2.0c	90	5	1	0
L14501	✓		0		✓	0.25	2.0c	145	1	1	0
L14601	✓		0		✓	0.25	2.0c	145	2	1	0
L14701	✓		0		✓	0.25	2.0c	145	5	1	0
L16001	✓		0		✓	0.25	2.0c	160	1	1	0
L16101	✓		0		✓	0.25	2.0c	160	2	1	0

File Name	Flow Profile		WD	Array		H/c	x	α	Array #	FC	MC
	Uniform	1/7 th		Single	Multiple						
L16201	✓		0		✓	0.25	2.0c	160	5	1	0
M03501	✓		0		✓	0.25	2.0c	35	1	6	0
M03601	✓		0		✓	0.25	2.0c	35	2	6	0
M03701	✓		0		✓	0.25	2.0c	35	5	6	0
M09001	✓		0		✓	0.25	2.0c	90	1	6	0
M09101	✓		0		✓	0.25	2.0c	90	2	6	0
M09201	✓		0		✓	0.25	2.0c	90	5	6	0
M14501	✓		0		✓	0.25	2.0c	145	1	6	0
M14601	✓		0		✓	0.25	2.0c	145	2	6	0
M14701	✓		0		✓	0.25	2.0c	145	5	6	0
M16001	✓		0		✓	0.25	2.0c	160	1	6	0
M16101	✓		0		✓	0.25	2.0c	160	2	6	0
M16201	✓		0		✓	0.25	2.0c	160	5	6	0
N01101	✓		0		✓	0.25	2.0c	35	1	11	0
N01201	✓		0		✓	0.25	2.0c	35	1	12	0
N01301	✓		0		✓	0.25	2.0c	35	1	13	0
N01401	✓		0		✓	0.25	2.0c	35	1	14	0
N01501	✓		0		✓	0.25	2.0c	35	1	15	0
N02101	✓		0		✓	0.25	2.0c	145	1	11	0
N02201	✓		0		✓	0.25	2.0c	145	1	12	0
N02301	✓		0		✓	0.25	2.0c	145	1	13	0
N02401	✓		0		✓	0.25	2.0c	145	1	14	0
N02501	✓		0		✓	0.25	2.0c	145	1	15	0
N11101	✓		0		✓	0.25	2.0c	35	1	7	0
N11201	✓		0		✓	0.25	2.0c	35	1	8	0
N11401	✓		0		✓	0.25	2.0c	35	1	9	0
N11501	✓		0		✓	0.25	2.0c	35	1	10	0
N12101	✓		0		✓	0.25	2.0c	145	1	7	0
N12201	✓		0		✓	0.25	2.0c	145	1	8	0
N12401	✓		0		✓	0.25	2.0c	145	1	9	0
N12501	✓		0		✓	0.25	2.0c	145	1	10	0
N23401	✓		0		✓	0.25	2.0c	60	1	9	0
N24401	✓		0		✓	0.25	2.0c	60	2	9	0
N25401	✓		0		✓	0.25	2.0c	60	5	9	0
N33401	✓		0		✓	0.25	2.0c	120	1	9	0
N34401	✓		0		✓	0.25	2.0c	120	2	9	0
N35401	✓		0		✓	0.25	2.0c	120	5	9	0
001101	✓		0		✓	0.25	2.0c	35	2	11	0
001201	✓		0		✓	0.25	2.0c	35	2	12	0
001301	✓		0		✓	0.25	2.0c	35	2	13	0
001401	✓		0		✓	0.25	2.0c	35	2	14	0
001501	✓		0		✓	0.25	2.0c	35	2	15	0
002101	✓		0		✓	0.25	2.0c	145	2	11	0
002201	✓		0		✓	0.25	2.0c	145	2	12	0
002301	✓		0		✓	0.25	2.0c	145	2	13	0
002401	✓		0		✓	0.25	2.0c	145	2	14	0
002501	✓		0		✓	0.25	2.0c	145	2	15	0
011101	✓		0		✓	0.25	2.0c	35	2	7	0

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File Name	Flow Profile		WD	Array		H/c	x	a	Array #	FC	MC
	Uniform	1/7 th		Single	Multiple						
O11201	✓		0		✓	0.25	2.0c	35	2	8	0
O11401	✓		0		✓	0.25	2.0c	35	2	9	0
O11501	✓		0		✓	0.25	2.0c	35	2	10	0
O12101	✓		0		✓	0.25	2.0c	145	2	7	0
O12201	✓		0		✓	0.25	2.0c	145	2	8	0
O12401	✓		0		✓	0.25	2.0c	145	2	9	0
O12501	✓		0		✓	0.25	2.0c	145	2	10	0
P03501	✓		0		(edge)	0.25	2.0c	35	1	1	0
P03601	✓		0		(edge)	0.25	2.0c	35	2	1	0
P03701	✓		0		(edge)	0.25	2.0c	35	5	1	0
P14501	✓		0		(edge)	0.25	2.0c	145	1	1	0
P14601	✓		0		(edge)	0.25	2.0c	145	2	1	0
P14701	✓		0		(edge)	0.25	2.0c	145	5	1	0
Q03501	✓		0		(edge)	0.25	2.0c	35	1	-	0
Q03601	✓		0		(edge)	0.25	2.0c	35	2	-	0
Q03701	✓		0		(edge)	0.25	2.0c	35	5	-	0
Q14501	✓		0		(edge)	0.25	2.0c	145	1	-	0
Q14601	✓		0		(edge)	0.25	2.0c	145	2	-	0
Q14701	✓		0		(edge)	0.25	2.0c	145	5	-	0
R01101	✓		45		✓	0.25	2.0c	35	1	1	0
R02101	✓		45		✓	0.25	2.0c	145	1	1	0
R01201	✓		45		✓	0.25	2.0c	35	1	2	0
R02201	✓		45		✓	0.25	2.0c	145	1	2	0
R01301	✓		45		✓	0.25	2.0c	35	1	3	0
R02301	✓		45		✓	0.25	2.0c	145	1	3	0
R01401	✓		45		✓	0.25	2.0c	35	1	4	0
R02401	✓		45		✓	0.25	2.0c	145	1	4	0
R11101	✓		45		✓	0.25	2.0c	35	1	1	1
R12101	✓		45		✓	0.25	2.0c	145	1	1	1
R11201	✓		45		✓	0.25	2.0c	35	1	2	1
R12201	✓		45		✓	0.25	2.0c	145	1	2	1
R11301	✓		45		✓	0.25	2.0c	35	1	3	1
R12301	✓		45		✓	0.25	2.0c	145	1	3	1
R21101	✓		45		✓	0.25	2.0c	35	1	1	2
R22101	✓		45		✓	0.25	2.0c	145	1	1	2
R31101	✓		45		✓	0.25	2.0c	35	1	1	3
R32101	✓		45		✓	0.25	2.0c	145	1	1	3
S01101	✓		45		✓	0.25	2.0c	35	2	1	0
S02101	✓		45		✓	0.25	2.0c	145	2	1	0
S01201	✓		45		✓	0.25	2.0c	35	2	2	0
S02201	✓		45		✓	0.25	2.0c	145	2	2	0
S01301	✓		45		✓	0.25	2.0c	35	2	3	0
S02301	✓		45		✓	0.25	2.0c	145	2	3	0
S01401	✓		45		✓	0.25	2.0c	35	2	4	0
S02401	✓		45		✓	0.25	2.0c	145	2	4	0
S11101	✓		45		✓	0.25	2.0c	35	2	1	1
S12101	✓		45		✓	0.25	2.0c	145	2	1	1
S11201	✓		45		✓	0.25	2.0c	35	2	2	1

File Name	Flow Profile		WD	Array		H/c	x	α	Array #	FC	MC
	Uniform	1/7 th		Single	Multiple						
S12201	✓		45		✓	0.25	2.0c	145	2	2	1
S11301	✓		45		✓	0.25	2.0c	35	2	3	1
S12301	✓		45		✓	0.25	2.0c	145	2	3	1
S21101	✓		45		✓	0.25	2.0c	35	2	1	2
S22101	✓		45		✓	0.25	2.0c	145	2	1	2
S31101	✓		45		✓	0.25	2.0c	35	2	1	3
S32101	✓		45		✓	0.25	2.0c	145	2	1	3
T01101	✓		45		✓	0.25	2.0c	35	3	1	0
T02101	✓		45		✓	0.25	2.0c	145	3	1	0
T01201	✓		45		✓	0.25	2.0c	35	3	2	0
T02201	✓		45		✓	0.25	2.0c	145	3	2	0
T01301	✓		45		✓	0.25	2.0c	35	3	3	0
T02301	✓		45		✓	0.25	2.0c	145	3	3	0
T01401	✓		45		✓	0.25	2.0c	35	3	4	0
T02401	✓		45		✓	0.25	2.0c	145	3	4	0
T11101	✓		45		✓	0.25	2.0c	35	3	1	1
T12101	✓		45		✓	0.25	2.0c	145	3	1	1
T11201	✓		45		✓	0.25	2.0c	35	3	2	1
T12201	✓		45		✓	0.25	2.0c	145	3	2	1
T11301	✓		45		✓	0.25	2.0c	35	3	3	1
T12301	✓		45		✓	0.25	2.0c	145	3	3	1
T21101	✓		45		✓	0.25	2.0c	35	3	1	2
T22101	✓		45		✓	0.25	2.0c	145	3	1	2
T31101	✓		45		✓	0.25	2.0c	35	3	1	3
T32101	✓		45		✓	0.25	2.0c	145	3	1	3
U03501	✓		45		✓	0.25	2.0c	35	1	-	0
U03601	✓		45		✓	0.25	2.0c	35	2	-	0
U03701	✓		45		✓	0.25	2.0c	35	3	-	0
U14501	✓		45		✓	0.25	2.0c	145	1	-	0
U14601	✓		45		✓	0.25	2.0c	145	2	-	0
U14701	✓		45		✓	0.25	2.0c	145	3	-	0
V03501	✓		45		✓	0.25	2.0c	35	1	-	1
V03601	✓		45		✓	0.25	2.0c	35	2	-	1
V03701	✓		45		✓	0.25	2.0c	35	3	-	1
V14501	✓		45		✓	0.25	2.0c	145	1	-	1
V14601	✓		45		✓	0.25	2.0c	145	2	-	1
V14701	✓		45		✓	0.25	2.0c	145	3	-	1
W03501	✓		0		(edge)	0.25	2.0c	35	1	-	(1:12) ⁰
W03601	✓		0		(edge)	0.25	2.0c	35	2	-	(1:12) ⁰
W03701	✓		0		(edge)	0.25	2.0c	35	5	-	(1:12) ⁰
W14501	✓		0		(edge)	0.25	2.0c	145	1	-	(1:12) ⁰
W14601	✓		0		(edge)	0.25	2.0c	145	2	-	(1:12) ⁰
W14701	✓		0		(edge)	0.25	2.0c	145	5	-	(1:12) ⁰
X03501	✓		0		(edge)	0.25	2.0c	35	1	1	(1:12) ⁰
X03601	✓		0		(edge)	0.25	2.0c	35	2	1	(1:12) ⁰
X14501	✓		0		(edge)	0.25	2.0c	145	1	1	(1:12) ⁰
X14601	✓		0		(edge)	0.25	2.0c	145	2	1	(1:12) ⁰
Z03501	✓		0	✓	(edge)	0.25	-	35	-	-	(1:12) ⁰

DATA FOR PROJECT 6022 CONFIG. A WIND DIR. 20 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	1.09	0.13	1.43	-.91
2	1.14	0.11	2.14	-.57
3	0.06	0.09	0.62	-.13
4	0.05	0.07	0.40	-.13
5	0.03	0.05	0.19	-.05
6	0.03	0.05	0.01	-.18
7	0.05	0.04	0.98	-.24
8	0.54	0.47	7.24	4.11
9	0.65	0.49	8.30	4.66
10	0.98	0.76	10.35	4.55

DATA FOR PROJECT 6022 CONFIG. A WIND DIR. 35 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	0.04	0.03	0.81	-.19
2	0.10	0.03	2.13	-.03
3	0.24	0.02	3.37	1.58
4	0.32	0.02	4.34	2.41
5	0.33	0.02	5.51	3.41
6	0.24	0.02	4.33	2.41
7	0.41	0.03	7.87	5.23
8	0.50	0.05	9.18	5.00
9	0.64	0.04	10.26	4.72
10	0.76	0.13	11.02	2.59

DATA FOR PROJECT 6022 CONFIG. A WIND DIR. 60 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	0.12	0.05	3.41	-.02
2	0.07	0.04	4.84	1.37
3	0.02	0.04	5.55	2.58
4	0.00	0.03	6.55	3.43
5	0.06	0.04	7.52	4.23
6	0.00	0.04	8.65	4.84
7	0.07	0.06	10.51	5.48
8	0.01	0.08	11.81	4.85
9	0.03	0.10	13.93	2.93
10	0.07	0.14	19.72	2.44

DATA FOR PROJECT 6022 CONFIG. A WIND DIR. 90 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	0.31	0.07	6.09	0.43
2	0.43	0.06	7.16	2.49
3	0.53	0.05	8.04	3.64
4	0.61	0.05	8.89	4.23
5	0.69	0.05	9.37	5.23
6	0.71	0.06	10.04	5.23
7	0.68	0.07	9.66	4.80
8	0.59	0.08	8.68	3.49
9	0.43	0.08	7.36	1.21
10	0.36	0.09	5.33	-.29

DATA FOR PROJECT 6022 CONFIG. A WIND DIR. 120 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	0.57	0.10	8.95	2.41
2	0.67	0.07	9.53	4.00
3	0.73	0.06	9.63	5.14
4	0.57	0.05	9.57	5.97
5	0.35	0.04	9.04	6.83
6	0.42	0.04	7.83	4.81
7	0.55	0.03	6.04	3.04
8	0.19	0.07	4.50	1.84
9	0.11	0.09	2.87	0.66
10	0.15	0.11	0.20	0.01

DATA FOR PROJECT 6022 CONFIG. A WIND DIR. 145 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	0.76	0.07	9.85	5.27
2	0.74	0.05	8.93	5.67
3	0.68	0.03	7.96	5.76
4	0.58	0.02	7.03	5.14
5	0.47	0.01	5.94	3.93
6	0.31	0.01	3.85	2.41
7	0.12	0.01	1.87	0.55
8	0.03	0.01	0.35	1.11
9	0.17	0.02	0.91	2.51
10	0.39	0.02	2.74	4.86

DATA FOR PROJECT 6022 CONFIG. A WIND DIR. 160 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.614	.635	.709	.461
2	.519	.625	.589	.422
3	.422	.618	.474	.342
4	.325	.615	.375	.268
5	.191	.614	.240	.138
6	.057	.615	.110	.006
7	.095	.616	.037	-.160
8	.218	.620	.137	-.294
9	.335	.625	.237	-.439
10	.564	.638	.359	-.664

DATA FOR PROJECT 6022 CONFIG. B WIND DIR. 20 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.379	.040	-.250	-.525
2	-.248	.032	-.145	-.362
3	-.162	.027	-.016	-.297
4	.044	.025	.089	-.072
5	.153	.020	.219	-.093
6	.238	.019	.365	-.239
7	.485	.017	.541	.433
8	.615	.017	.670	.549
9	.759	.016	.809	.688
10	.929	.016	.980	.813

DATA FOR PROJECT 6022 CONFIG. B WIND DIR. 60 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.082	.041	.220	-.072
2	.289	.037	.417	-.153
3	.479	.037	.599	-.346
4	.628	.032	.742	-.491
5	.800	.030	.891	-.665
6	.923	.030	1.003	-.764
7	.988	.028	1.069	-.779
8	.972	.029	1.117	-.732
9	.873	.031	1.054	-.646
10	.591	.041	.783	-.319

DATA FOR PROJECT 6022 CONFIG. B WIND DIR. 90 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.497	.074	.694	.201
2	.700	.062	.865	.467
3	.837	.050	.982	.653
4	.931	.041	1.065	.759
5	.971	.029	1.059	.824
6	.931	.025	1.009	.793
7	.882	.022	.988	.687
8	.837	.024	.735	.482
9	.439	.027	.516	-.274
10	.089	.035	.213	-.121

DATA FOR PROJECT 6022 CONFIG. B WIND DIR. 120 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.852	.058	1.026	.576
2	.849	.041	1.071	.752
3	.974	.029	1.064	.857
4	.947	.021	1.029	.845
5	.846	.017	.911	.860
6	.637	.016	.752	.626
7	.488	.016	.542	.417
8	.288	.017	.349	.213
9	.086	.021	.169	-.005
10	-.220	.027	-.122	-.325

DATA FOR PROJECT 6022 CONFIG. B WIND DIR. 160 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.688	.017	.755	.631
2	.557	.015	.612	.507
3	.437	.014	.485	.391
4	.324	.013	.363	.280
5	.177	.012	.219	.138
6	.034	.014	.080	-.016
7	-.129	.016	-.070	-.188
8	-.267	.021	-.196	-.346
9	-.430	.028	-.282	-.491
10	-.564	.045	-.402	-.739

DATA FOR PROJECT 6022 CONFIG. C WIND DIR. 20 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.433	.068	.185	.715
2	.273	.052	.121	.478
3	.133	.040	.005	.259
4	.005	.032	.118	.089
5	.174	.024	.255	.109
6	.243	.020	.417	.284
7	.533	.019	.614	.486
8	.681	.018	.756	.626
9	.820	.017	.883	.770
10	.969	.016	1.027	.920

DATA FOR PROJECT 6022 CONFIG. C WIND DIR. 35 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.441	.134	.074	.212
2	.187	.100	.104	.188
3	.033	.075	.239	.111
4	.446	.056	.499	.333
5	.480	.043	.604	.393
6	.678	.034	.779	.522
7	.857	.029	.962	.744
8	.957	.024	1.047	.833
9	1.004	.019	1.076	.933
10	.930	.017	.989	.870

DATA FOR PROJECT 6022 CONFIG. C WIND DIR. 60 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.005	.037	.086	.735
2	.227	.072	.193	.228
3	.491	.060	.219	.088
4	.719	.046	.511	.111
5	.930	.032	.791	.133
6	1.042	.025	1.139	.936
7	1.060	.013	1.104	.990
8	1.086	.010	1.125	.940
9	1.119	.024	1.255	.722
10	.431	.051	.583	.188

DATA FOR PROJECT 6022 CONFIG. C WIND DIR. 90 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.316	.057	.466	.066
2	.613	.040	.728	.444
3	.841	.029	.901	.688
4	.941	.023	.915	.866
5	1.067	.017	1.065	.944
6	1.088	.016	1.045	.933
7	1.082	.019	.923	.874
8	.682	.028	.792	.577
9	.426	.039	.632	.333
10	.019	.067	.353	.433

DATA FOR PROJECT 6022 CONFIG. D WIND DIR. 20 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.124	.025	.040	.223
2	.020	.021	.039	.101
3	.079	.018	.133	.003
4	.179	.017	.240	.100
5	.276	.017	.337	.207
6	.354	.018	.415	.299
7	.441	.021	.415	.373
8	.517	.027	.450	.417
9	.519	.036	.467	.358
10	.723	.068	.896	.444

DATA FOR PROJECT 6022 CONFIG. D WIND DIR. 21 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.109	.054	.102	.333
2	.025	.060	.159	.066
3	.054	.072	.306	.033
4	.099	.094	.406	.033
5	.011	.120	.449	.033
6	.248	.113	.290	.033
7	.488	.074	.120	.033
8	.523	.062	.266	.033
9	.523	.052	.308	.033
10	.471	.057	.245	.033

DATA FOR PROJECT 6022 CONFIG. D WIND DIR. 22 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.066	.044	.137	-.275
2	.020	.041	.147	-.183
3	.026	.044	.160	-.203
4	.070	.053	.154	-.266
5	.092	.083	.356	-.266
6	.038	.109	.433	-.235
7	.031	.099	.411	-.377
8	.156	.083	.402	-.425
9	.198	.077	.282	-.466
10	.227	.086	.154	-.612

DATA FOR PROJECT 6022 CONFIG. D WIND DIR. 35 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.007	.032	.101	-.127
2	.140	.028	.240	-.044
3	.265	.028	.369	.174
4	.351	.025	.452	.271
5	.447	.025	.553	.376
6	.530	.029	.649	.441
7	.637	.040	.773	.492
8	.712	.061	.896	.450
9	.770	.097	1.012	.417
10	.747	.138	1.101	.186

DATA FOR PROJECT 6022 CONFIG. D WIND DIR. 36 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.119	.132	.385	-.513
2	.075	.145	.423	-.482
3	.101	.156	.537	-.518
4	.253	.145	.583	-.688
5	.306	.088	.007	-.824
6	.614	.059	-.483	-.877
7	.616	.048	-.432	-.829
8	.620	.047	-.441	-.837
9	.593	.044	-.448	-.848
10	.594	.053	-.406	-.870

DATA FOR PROJECT 6022 CONFIG. D WIND DIR. 37 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.109	.061	.134	-.308
2	.072	.068	.237	-.277
3	.047	.077	.276	-.292
4	.052	.088	.340	-.336
5	.116	.086	.243	-.399
6	.224	.070	.108	-.451
7	.301	.061	-.004	-.511
8	.328	.066	.085	-.549
9	.324	.067	.048	-.577
10	.334	.075	.023	-.837

DATA FOR PROJECT 6022 CONFIG. D WIND DIR. 145 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.721	.070	.950	.450
2	.766	.049	.867	.549
3	.659	.035	.785	.531
4	.586	.028	.631	.468
5	.462	.022	.531	.388
6	.312	.021	.390	.233
7	.123	.020	.202	.045
8	.040	.022	.051	-.113
9	.193	.024	.105	-.271
10	.403	.030	.292	-.499

DATA FOR PROJECT 6022 CONFIG. D WIND DIR. 146 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.771	.123	.392	-1.368
2	.726	.074	.405	-1.053
3	.688	.069	.369	-1.993
4	.610	.081	.227	-1.118
5	.528	.086	.238	-1.174
6	.500	.097	.176	-1.399
7	.478	.122	.004	-1.005
8	.452	.150	.254	-1.012
9	.422	.178	.391	-1.099
10	.413	.210	.285	-1.299

DATA FOR PROJECT 6022 CONFIG. D WIND DIR. 160 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.568	.037	.674	.431
2	.431	.027	.564	.378
3	.400	.020	.461	.332
4	.314	.017	.367	.249
5	.201	.015	.250	.147
6	.082	.015	.137	.021
7	.047	.016	.012	.110
8	.153	.019	.084	.229
9	.245	.025	.135	.350
10	.381	.039	.220	.512

DATA FOR PROJECT 6022 CONFIG. D WIND DIR. 161 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.453	.138	.031	-1.008
2	.396	.106	.032	.911
3	.356	.094	.041	.839
4	.311	.093	.003	.715
5	.256	.107	.233	.675
6	.200	.145	.415	.664
7	.116	.149	.441	.609
8	.091	.148	.453	.594
9	.090	.138	.414	.555
10	.123	.117	.324	.560

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 20 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.023	.023	.015	-.175
2	.019	.020	.096	-.060
3	.121	.018	.189	-.053
4	.207	.017	.271	-.147
5	.292	.016	.360	-.241
6	.366	.017	.442	-.310
7	.451	.021	.520	-.386
8	.533	.027	.603	-.410
9	.615	.037	.711	-.429
10	.713	.069	.910	-.442

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 21 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.078	.055	.144	-.316
2	.028	.055	.205	-.243
3	.047	.064	.265	-.181
4	.094	.080	.400	-.199
5	.083	.107	.480	-.304
6	.031	.126	.487	-.410
7	.185	.110	.450	-.492
8	.274	.091	.273	-.577
9	.318	.068	.086	-.529
10	.341	.068	.040	-.647

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 22 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.091	.038	.057	-.287
2	.059	.034	.065	-.201
3	.027	.032	.103	-.157
4	.002	.034	.124	-.195
5	.034	.041	.189	-.120
6	.054	.056	.274	-.144
7	.059	.081	.377	-.231
8	.062	.096	.488	-.301
9	.049	.102	.423	-.385
10	.006	.113	.539	-.510

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 35 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.179	.028	.287	.087
2	.264	.026	.366	.186
3	.328	.024	.420	.239
4	.387	.024	.484	.296
5	.456	.025	.549	.382
6	.524	.029	.630	.411
7	.618	.039	.770	.500
8	.690	.057	.891	.472
9	.748	.083	.995	.447
10	.736	.133	1.088	.190

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 36 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
11	4.74	.094	1.324	-.829
12	4.47	.092	1.193	-.847
13	4.46	.087	1.193	-.888
14	4.50	.085	1.179	-.828
15	4.50	.069	2.033	-.764
16	4.50	.064	2.045	-.740
17	4.43	.057	2.144	-.674
18	4.41	.056	1.991	-.660
19	4.44	.057	2.033	-.628
20	4.44	.059	2.016	-.656

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 37 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
11	3.66	.045	.003	-.333
12	3.49	.045	.040	-.327
13	3.33	.049	.083	-.326
14	3.33	.054	.138	-.338
15	3.33	.062	.175	-.344
16	3.33	.071	.224	-.333
17	3.33	.070	.239	-.322
18	3.33	.070	.172	-.351
19	3.33	.067	.114	-.451
20	3.33	.073	.122	-.492

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 60 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
11	6.26	.031	4.887	-.753
12	6.26	.030	4.999	-.727
13	6.26	.029	5.073	-.713
14	6.26	.029	5.093	-.724
15	6.26	.025	5.093	-.715
16	6.26	.025	5.093	-.732
17	6.44	.024	5.093	-.727
18	6.44	.025	5.093	-.741
19	6.44	.027	4.983	-.734
20	6.53	.028	5.034	-.753

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 61 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
11	5.96	.060	3.322	-.800
12	5.96	.059	3.432	-.808
13	5.96	.059	3.432	-.779
14	5.96	.053	3.557	-.800
15	5.96	.047	3.557	-.788
16	5.96	.046	3.557	-.789
17	5.96	.043	3.557	-.831
18	5.96	.047	3.557	-.800
19	5.96	.051	3.366	-.724
20	5.96	.059	3.118	-.771

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 62 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
11	3.63	.088	0.667	-.028
12	3.63	.085	0.744	-.094
13	3.63	.081	0.933	-.333
14	3.63	.074	1.088	-.945
15	3.63	.059	1.288	-.667
16	3.63	.054	1.578	-.588
17	3.63	.048	1.744	-.588
18	3.63	.046	1.677	-.594
19	3.63	.044	2.033	-.599
20	3.63	.047	2.111	-.675

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 90 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
11	8.88	.054	5.661	-.884
12	8.88	.051	5.527	-.880
13	8.88	.046	6.223	-.880
14	8.88	.043	6.836	-.988
15	8.88	.037	6.992	-.988
16	8.88	.035	6.992	-.988
17	8.88	.038	7.220	-.988
18	8.88	.041	7.094	-.988
19	8.88	.041	6.889	-.988
20	8.88	.045	6.665	-.988

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 91 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.318	.232	.669	-.946
2	-.433	.193	.459	-.911
3	-.589	.141	.282	-.944
4	-.741	.101	.196	-1.098
5	-.867	.072	.138	-1.164
6	-.899	.073	.133	-1.155
7	-.857	.074	.136	-1.135
8	-.898	.080	.152	-1.084
9	-.769	.092	.498	-1.106
10	-.735	.110	.413	-1.232

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 92 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.382	.053	-.186	-.623
2	-.384	.052	-.218	-.641
3	-.397	.052	-.244	-.788
4	-.412	.054	-.241	-.777
5	-.427	.060	-.225	-.771
6	-.423	.071	-.027	-.865
7	-.410	.088	.106	-.769
8	-.397	.109	.425	-.862
9	-.394	.127	.331	-1.070
10	-.392	.160	.569	-1.255

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 120 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.549	.102	.881	.245
2	.659	.077	.923	.408
3	.717	.061	.929	.524
4	.739	.054	.948	.565
5	.717	.045	.909	.566
6	.622	.044	.767	.471
7	.444	.043	.619	.281
8	.255	.046	.421	-.072
9	.047	.052	.209	-.115
10	-.262	.056	-.086	-.453

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 121 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.692	.151	-.113	-1.341
2	-.770	.111	-.361	-1.194
3	-.841	.091	-.524	-1.197
4	-.880	.093	-.558	-1.178
5	-.860	.092	-.411	-1.129
6	-.776	.105	-.278	-1.216
7	-.691	.136	-.038	-1.574
8	-.672	.196	.113	-1.530
9	-.665	.253	.189	-1.885
10	-.682	.332	.134	-2.141

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 122 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.330	.047	-.037	-.619
2	-.332	.052	-.016	-.676
3	-.330	.058	-.026	-.739
4	-.326	.066	-.043	-.719
5	-.311	.076	-.211	-.679
6	-.290	.094	-.357	-.664
7	-.265	.115	-.376	-.661
8	-.253	.129	-.552	-.707
9	-.244	.136	-.684	-.723
10	-.258	.131	-.654	-.719

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 145 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.718	.073	.930	.485
2	.705	.052	.864	.526
3	.663	.037	.774	.512
4	.591	.030	.691	.474
5	.466	.023	.547	.383
6	.320	.023	.416	.244
7	.139	.021	.210	.054
8	-.018	.022	-.059	-.107
9	-.162	.026	-.058	-.253
10	-.368	.029	-.242	-.475

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 146 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.478	.139	.145	-1.136
2	-.489	.119	.069	-.886
3	-.489	.118	.033	-.850
4	-.435	.137	.121	-.919
5	-.334	.148	.379	-1.079
6	-.267	.199	.538	-1.060
7	-.241	.236	.574	-1.105
8	-.247	.266	.701	-1.154
9	-.249	.277	.713	-1.168
10	-.286	.276	.738	-1.280

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 147 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.244	.048	-.054	-.535
2	-.240	.053	-.007	-.607
3	-.240	.059	-.020	-.603
4	-.199	.068	.151	-.574
5	-.199	.081	.284	-.511
6	-.169	.100	.452	-.438
7	-.143	.108	.628	-.473
8	-.143	.109	.518	-.468
9	-.162	.105	.562	-.566
10	-.190	.088	.413	-.570

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 160 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.573	.040	.696	-.393
2	-.496	.028	.587	-.352
3	-.419	.020	.489	-.324
4	-.336	.017	.399	-.277
5	-.223	.015	.278	-.163
6	-.109	.015	.159	-.050
7	-.021	.016	.029	-.082
8	-.126	.019	.066	-.186
9	-.219	.023	.125	-.296
10	-.344	.035	.211	-.464

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 161 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.083	.099	.273	-.555
2	-.066	.085	.291	-.535
3	-.051	.078	.312	-.534
4	-.034	.087	.472	-.679
5	-.019	.095	.561	-.717
6	-.019	.120	.625	-.733
7	-.039	.115	.506	-.497
8	-.071	.110	.381	-.463
9	-.163	.106	.331	-.543
10	-.159	.088	.199	-.585

DATA FOR PROJECT 6022 CONFIG. E WIND DIR. 162 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.177	.051	.070	-.391
2	-.168	.055	.148	-.387
3	-.158	.060	.233	-.394
4	-.149	.069	.322	-.412
5	-.130	.071	.402	-.433
6	-.120	.073	.484	-.416
7	-.121	.067	.563	-.349
8	-.135	.062	.643	-.345
9	-.150	.057	.723	-.398
10	-.173	.044	.805	-.375

DATA FOR PROJECT 6022 CONFIG. F WIND DIR. 35 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.046	.031	.151	-.054
2	.171	.027	.275	-.082
3	.273	.025	.394	.194
4	.349	.024	.454	.274
5	.435	.023	.524	.362
6	.508	.026	.608	.430
7	.607	.035	.781	.488
8	.688	.050	.892	.513
9	.762	.071	1.003	.510
10	.783	.115	1.111	.325

DATA FOR PROJECT 6022 CONFIG. F WIND DIR. 36 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.132	.087	.168	-.411
2	.050	.129	.408	-.492
3	.021	.111	.447	-.382
4	.048	.112	.459	-.304
5	.026	.139	.537	-.416
6	.094	.196	.700	-.707
7	.214	.129	.438	-.650
8	.303	.114	.631	-.677
9	.371	.092	.374	-.645
10	.557	.104	.194	-.983

DATA FOR PROJECT 6022 CONFIG. F WIND DIR. 37 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.180	.038	.008	-.419
2	-.169	.037	.015	-.413
3	-.167	.038	.007	-.336
4	-.164	.039	.009	-.349
5	-.160	.046	.030	-.395
6	-.156	.053	.054	-.404
7	-.158	.063	.074	-.521
8	-.157	.073	.122	-.630
9	-.159	.093	.173	-.621
10	-.171	.112	.328	-.964

DATA FOR PROJECT 6022 CONFIG. F WIND DIR. 60 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.134	.053	.333	-.000
2	.282	.046	.453	-.151
3	.484	.041	.590	-.284
4	.500	.040	.671	-.381
5	.611	.040	.793	-.473
6	.768	.049	.946	-.509
7	.786	.067	1.023	-.565
8	.816	.087	1.112	-.466
9	.791	.102	1.035	-.333
10	.572	.134	.974	-.060

DATA FOR PROJECT 6022 CONFIG. F WIND DIR. 61 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.221	.163	.428	-.691
2	-.204	.164	.539	-.675
3	-.210	.158	.432	-.634
4	-.280	.143	.356	-.676
5	-.419	.112	.183	-.751
6	-.533	.087	.013	-.820
7	-.603	.062	.312	-.860
8	-.617	.059	.353	-.842
9	-.609	.056	.430	-.819
10	-.598	.062	.362	-.834

DATA FOR PROJECT 6022 CONFIG. F WIND DIR. 62 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.324	.055	.160	-.631
2	-.322	.054	.154	-.605
3	-.329	.053	.121	-.686
4	-.326	.053	.099	-.579
5	-.330	.056	.057	-.579
6	-.332	.064	.001	-.605
7	-.329	.075	.082	-.750
8	-.320	.088	.055	-.743
9	-.329	.101	.155	-.876
10	-.340	.135	.369	-1.207

DATA FOR PROJECT 6022 CONFIG. F WIND DIR. 120 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.575	.098	.885	.279
2	.674	.074	.928	.425
3	.724	.058	.959	.534
4	.737	.049	.938	.559
5	.702	.042	.862	.573
6	.606	.041	.748	.481
7	.438	.038	.578	.319
8	.262	.041	.400	.711
9	.071	.046	.247	.152
10	-.211	.047	-.044	-.386

DATA FOR PROJECT 6022 CONFIG. F WIND DIR. 121 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.492	.183	-.143	-1.176
2	-.557	.141	-.008	-1.087
3	-.613	.112	-.135	-.948
4	-.655	.103	-.224	-.985
5	-.687	.100	-.287	-.953
6	-.630	.109	-.243	-.930
7	-.563	.118	-.179	-1.445
8	-.533	.141	-.093	-1.925
9	-.520	.172	-.164	-2.049
10	-.526	.196	-.198	-2.005
11	-.463	.098	-.158	-.827
12	-.463	.089	-.167	-.788
13	-.463	.081	-.202	-.721
14	-.482	.075	-.226	-.707
15	-.500	.070	-.246	-.730
16	-.516	.077	-.295	-.852
17	-.510	.096	-.209	-.946
18	-.509	.109	-.170	-.964
19	-.499	.111	-.153	-.999
20	-.504	.116	-.119	-1.064

DATA FOR PROJECT 6022 CONFIG. F WIND DIR. 122 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.273	.070	-.199	-.719
2	-.272	.081	-.239	-.614
3	-.268	.093	-.295	-.594
4	-.260	.111	-.413	-.651
5	-.261	.115	-.718	-.652
6	-.240	.135	-.634	-.733
7	-.218	.148	-.615	-.778
8	-.207	.159	-.722	-.772
9	-.207	.178	-.788	-.836
10	-.219	.176	-.701	-1.232
11	-.271	.066	-.048	-.617
12	-.267	.060	-.066	-.555
13	-.263	.053	-.096	-.505
14	-.260	.048	-.080	-.456
15	-.255	.042	-.055	-.405
16	-.255	.038	-.066	-.399
17	-.257	.041	-.042	-.393
18	-.262	.040	-.056	-.422
19	-.262	.039	-.087	-.431
20	-.270	.041	-.134	-.484

DATA FOR PROJECT 6022 CONFIG. F WIND DIR. 145 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.723	.070	-.924	-.503
2	-.699	.050	-.852	-.531
3	-.652	.035	-.522	-.522
4	-.578	.028	-.675	-.473
5	-.459	.021	-.538	-.373
6	-.313	.020	-.379	-.242
7	-.140	.019	-.203	-.071
8	-.009	.026	-.063	-.075
9	-.140	.023	-.060	-.211
10	-.328	.027	-.225	-.423
11	-.586	.029	-.480	-.709
12	-.591	.028	-.500	-.714
13	-.585	.028	-.495	-.728
14	-.586	.028	-.502	-.736
15	-.586	.028	-.500	-.713
16	-.586	.030	-.486	-.723
17	-.571	.032	-.444	-.688
18	-.577	.034	-.449	-.695
19	-.567	.033	-.431	-.681
20	-.569	.036	-.405	-.700

DATA FOR PROJECT 6022 CONFIG. F WIND DIR. 146 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.330	.102	-.063	-.898
2	-.327	.091	-.039	-.767
3	-.313	.088	-.073	-.689
4	-.295	.101	-.175	-.936
5	-.260	.108	-.220	-.841
6	-.247	.147	-.520	-.762
7	-.235	.166	-.615	-.756
8	-.233	.178	-.640	-.888
9	-.235	.175	-.479	-.988
10	-.258	.170	-.539	-1.118
11	-.287	.065	-.028	-.508
12	-.292	.059	-.036	-.505
13	-.290	.056	-.055	-.517
14	-.311	.057	-.035	-.551
15	-.326	.054	-.136	-.617
16	-.336	.057	-.141	-.617
17	-.334	.077	-.099	-.679
18	-.350	.100	-.061	-.781
19	-.360	.104	-.042	-.795
20	-.380	.115	-.060	-.832

DATA FOR PROJECT 6022 CONFIG. F WIND DIR. 147 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.206	.069	-.147	-.457
2	-.191	.078	-.243	-.527
3	-.173	.087	-.438	-.500
4	-.152	.100	-.515	-.499
5	-.124	.107	-.518	-.543
6	-.108	.116	-.532	-.489
7	-.102	.116	-.537	-.451
8	-.113	.113	-.550	-.480
9	-.135	.107	-.537	-.566
10	-.169	.089	-.274	-.475
11	-.242	.029	-.129	-.394
12	-.243	.027	-.152	-.381
13	-.243	.025	-.150	-.348
14	-.246	.023	-.157	-.343
15	-.247	.022	-.168	-.339
16	-.250	.022	-.174	-.343
17	-.253	.026	-.187	-.390
18	-.256	.030	-.159	-.448
19	-.254	.034	-.152	-.477
20	-.260	.039	-.152	-.520

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 20 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.155	.063	-.080	-.641
2	-.053	.056	-.160	-.409
3	-.048	.048	-.202	-.130
4	-.130	.049	-.277	-.055
5	-.201	.054	-.358	-.002
6	-.273	.063	-.476	-.037
7	-.343	.072	-.615	-.134
8	-.399	.087	-.724	-.158
9	-.442	.104	-.814	-.149
10	-.481	.136	-.960	-.047
11	-.459	.078	-.199	-.407
12	-.471	.082	-.188	-.520
13	-.474	.081	-.192	-.446
14	-.477	.085	-.181	-.505
15	-.479	.081	-.244	-.328
16	-.502	.069	-.269	-.371
17	-.509	.090	-.277	-.398
18	-.502	.091	-.259	-.409
19	-.483	.091	-.195	-.403
20	-.483	.099	-.059	-.605

DATA FOR PROJECT 6022 CONFIG. F WIND DIR. 147 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.206	.069	.147	-.457
2	-.191	.078	.243	-.527
3	-.173	.097	.438	-.500
4	-.152	.100	.515	-.499
5	-.124	.107	.516	-.433
6	-.100	.116	.532	-.489
7	-.102	.116	.537	-.451
8	-.113	.113	.550	-.480
9	-.135	.107	.537	-.566
10	-.169	.089	.274	-.475

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 20 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.155	.063	.080	-.641
2	-.053	.056	.160	-.409
3	-.048	.048	.202	-.130
4	-.130	.049	.277	-.055
5	-.201	.054	.358	-.002
6	-.277	.063	.470	-.037
7	-.343	.072	.615	-.134
8	-.399	.087	.724	-.158
9	-.442	.104	.814	-.149
10	-.481	.136	.960	-.047

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 35 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.024	.051	.156	-.216
2	-.094	.053	.284	-.081
3	-.188	.057	.408	-.004
4	-.260	.065	.533	-.075
5	-.322	.073	.661	-.117
6	-.385	.085	.784	-.146
7	-.445	.111	.837	-.136
8	-.476	.135	.949	-.046
9	-.472	.157	.998	-.069
10	-.411	.184	1.017	-.245

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 60 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.168	.066	.409	-.061
2	-.270	.073	.561	-.036
3	-.338	.081	.671	-.086
4	-.396	.090	.777	-.163
5	-.442	.100	.845	-.181
6	-.478	.112	.910	-.194
7	-.484	.142	1.152	-.038
8	-.458	.159	1.223	-.059
9	-.379	.167	1.156	-.033
10	-.207	.168	.950	-.231

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 90 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.313	.096	.710	-.039
2	.405	.105	.886	-.067
3	.441	.110	.944	-.124
4	.480	.115	.985	-.164
5	.533	.134	1.015	-.223
6	.519	.142	1.060	-.180
7	.436	.143	.978	-.091
8	.352	.140	.882	-.003
9	.227	.129	.713	-.115
10	.020	.116	.459	-.298

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 120 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.438	.121	.970	-.071
2	.496	.123	1.014	-.139
3	.499	.119	1.032	-.160
4	.499	.116	1.061	-.157
5	.469	.112	.864	-.157
6	.408	.111	.817	-.106
7	.284	.104	.701	-.021
8	.178	.096	.574	-.125
9	.059	.090	.418	-.202
10	-.135	.073	.166	-.382

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 145 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.474	.129	.980	.159	11	.503	.059	.343	-.752
2	.450	.122	.907	.149	12	.513	.059	.347	-.754
3	.399	.110	.837	.141	13	.515	.055	.348	-.839
4	.334	.099	.805	.127	14	.516	.057	.345	-.895
5	.276	.086	.682	.020	15	.518	.057	.357	-.956
6	.181	.078	.519	-.047	16	.519	.058	.329	-.877
7	.047	.066	.322	-.152	17	.497	.061	.291	-.774
8	.049	.056	.183	-.234	18	.497	.064	.275	-.944
9	.146	.052	.122	-.311	19	.505	.063	.271	-.954
10	.209	.050	.110	-.461	20	.493	.062	.269	-.902

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 160 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.399	.105	.939	.087	11	.506	.073	.279	-.846
2	.347	.099	.844	.063	12	.499	.072	.300	-.813
3	.278	.084	.728	.031	13	.515	.076	.310	-.839
4	.226	.074	.620	.033	14	.523	.080	.293	-.984
5	.150	.056	.374	.003	15	.530	.088	.272	-.974
6	.067	.050	.277	-.078	16	.515	.085	.257	-.975
7	.045	.041	.149	-.188	17	.499	.084	.274	-.956
8	.116	.041	.060	-.247	18	.497	.080	.256	-.934
9	.193	.041	.032	-.329	19	.500	.074	.276	-.914
10	.300	.049	.122	-.481	20	.482	.073	.257	-.776

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 11 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.129	.057	.053	-.410	11	.400	.058	.199	-.718
2	.058	.056	.152	-.268	12	.407	.061	.201	-.764
3	.002	.057	.206	-.226	13	.413	.060	.223	-.737
4	.032	.057	.247	-.198	14	.414	.061	.230	-.813
5	.046	.056	.269	-.159	15	.414	.060	.219	-.618
6	.075	.061	.344	-.125	16	.423	.061	.215	-.643
7	.129	.081	.488	-.116	17	.422	.061	.186	-.654
8	.184	.107	.661	-.153	18	.413	.063	.157	-.643
9	.241	.144	.814	-.162	19	.410	.070	.169	-.113
10	.307	.203	1.003	-.240	20	.416	.080	.174	-.222

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 12 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.191	.060	.005	-.467	11	.348	.086	.064	-.787
2	.146	.055	.060	-.375	12	.355	.093	.043	-.863
3	.112	.050	.101	-.371	13	.363	.093	.050	-.614
4	.092	.050	.086	-.320	14	.363	.096	.038	-.984
5	.086	.050	.114	-.287	15	.362	.088	.118	-.766
6	.071	.063	.162	-.322	16	.370	.082	.131	-.811
7	.045	.071	.213	-.439	17	.364	.074	.138	-.824
8	.020	.085	.282	-.492	18	.353	.076	.089	-.865
9	.006	.099	.375	-.471	19	.349	.092	.105	-.911
10	.046	.140	.586	-.572	20	.361	.117	.085	-.277

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 13 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.214	.047	.072	-.450	11	.294	.103	.043	-.970
2	.190	.043	.059	-.358	12	.299	.106	.028	-.833
3	.167	.043	.027	-.329	13	.302	.100	.025	-.871
4	.157	.045	.012	-.308	14	.307	.093	.021	-.810
5	.152	.046	.002	-.390	15	.309	.080	.017	-.767
6	.144	.051	.002	-.549	16	.309	.075	-.043	-.716
7	.134	.056	.005	-.402	17	.309	.066	.102	-.667
8	.134	.066	.092	-.422	18	.308	.069	.098	-.789
9	.141	.070	.133	-.490	19	.308	.078	.086	-.837
10	.149	.086	.229	-.641	20	.299	.093	.091	-.881

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 14 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.221	.042	.096	-.388	11	.270	.061	.003	-.721
2	.201	.041	.074	-.353	12	.274	.063	.016	-.757
3	.189	.037	.057	-.304	13	.280	.061	.001	-.711
4	.181	.038	.043	-.289	14	.277	.060	.007	-.622
5	.178	.038	.036	-.218	15	.276	.059	.053	-.554
6	.169	.040	.028	-.417	16	.280	.053	.067	-.921
7	.165	.048	.010	-.417	17	.281	.050	.109	-.476
8	.167	.054	.001	-.504	18	.278	.051	.112	-.482
9	.177	.057	.005	-.792	19	.274	.056	.134	-.654
10	.187	.062	.028	-.806	20	.282	.065	.126	-.691

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 15 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.155	.03	.039	.295
2	.110	.033	.019	.243
3	.072	.026	.056	.183
4	.045	.038	.092	.163
5	.028	.038	.095	.149
6	.005	.039	.117	.128
7	.009	.041	.149	.156
8	.013	.043	.160	.156
9	.002	.042	.145	.172
10	.027	.044	.135	.191

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 21 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.150	.114	.696	.131
2	.204	.117	.826	.068
3	.224	.115	.840	.036
4	.255	.118	.854	.050
5	.259	.105	.710	.000
6	.208	.097	.631	.043
7	.168	.084	.477	.111
8	.031	.072	.362	.197
9	.053	.070	.286	.272
10	.176	.060	.072	.392

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 22 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.063	.061	.296	.306
2	.039	.064	.341	.253
3	.029	.069	.377	.250
4	.000	.080	.538	.233
5	.030	.090	.649	.236
6	.039	.105	.679	.219
7	.008	.103	.518	.207
8	.022	.097	.448	.17
9	.063	.088	.279	.066
10	.138	.079	.178	.085

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 23 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.141	.052	.017	.383
2	.141	.054	.037	.385
3	.150	.055	.032	.395
4	.144	.059	.094	.436
5	.143	.060	.153	.373
6	.149	.072	.251	.430
7	.157	.077	.266	.449
8	.157	.079	.212	.460
9	.166	.083	.400	.576
10	.196	.073	.275	.555

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 24 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.172	.044	.023	.342
2	.177	.046	.012	.364
3	.189	.046	.035	.380
4	.186	.049	.029	.389
5	.192	.052	.000	.409
6	.200	.059	.019	.467
7	.215	.061	.015	.501
8	.216	.062	.041	.514
9	.218	.068	.080	.472
10	.234	.057	.054	.505

DATA FOR PROJECT 6022 CONFIG. G WIND DIR. 25 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.014	.039	.122	.142
2	.028	.040	.091	.152
3	.053	.039	.065	.175
4	.065	.040	.062	.190
5	.084	.037	.056	.245
6	.109	.039	.084	.290
7	.148	.038	.035	.345
8	.169	.037	.024	.370
9	.197	.043	.023	.493
10	.237	.042	.067	.585

DATA FOR PROJECT 6022 CONFIG. H					WIND DIR. 20 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.040	.062	.171	-.353	11	-.242	.079	-.002	-.670
2	.022	.057	.235	-.246	12	-.257	.082	-.001	-.722
3	.099	.050	.252	-.119	13	-.252	.082	-.023	-.719
4	.146	.052	.300	-.069	14	-.270	.087	-.018	-.947
5	.213	.053	.379	-.016	15	-.273	.090	-.028	-1.249
6	.254	.055	.459	-.038	16	-.294	.095	-.014	-1.020
7	.324	.073	.691	-.092	17	-.284	.094	-.003	-.949
8	.354	.096	.839	-.094	18	-.291	.094	-.004	-.797
9	.401	.100	.913	-.113	19	-.272	.097	-.086	-.683
10	.432	.132	1.053	-.048	20	-.280	.101	-.165	-.718

DATA FOR PROJECT 6022 CONFIG. H					WIND DIR. 21 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.037	.067	.289	-.241	11	-.248	.178	-.279	-1.334
2	.072	.069	.325	-.247	12	-.234	.161	-.271	-1.339
3	.123	.075	.452	-.159	13	-.209	.141	-.279	-1.174
4	.148	.089	.489	-.269	14	-.198	.131	-.288	-.920
5	.157	.120	.539	-.324	15	-.165	.107	-.206	-1.187
6	.079	.149	.576	-.378	16	-.159	.099	-.241	-.832
7	.025	.146	.765	-.536	17	-.138	.086	-.178	-.686
8	.103	.126	.509	-.617	18	-.137	.083	-.197	-.683
9	.137	.109	.362	-.638	19	-.122	.086	-.263	-.756
10	.187	.120	.308	-1.502	20	-.124	.087	-.204	-.726

DATA FOR PROJECT 6022 CONFIG. H					WIND DIR. 22 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.002	.054	.269	-.217	11	-.242	.194	-.258	-1.534
2	.029	.050	.271	-.150	12	-.210	.166	-.281	-1.348
3	.045	.052	.254	-.123	13	-.187	.137	-.358	-.985
4	.066	.053	.288	-.101	14	-.154	.118	-.345	-.939
5	.078	.059	.320	-.159	15	-.136	.098	-.296	-.605
6	.089	.068	.366	-.171	16	-.114	.088	-.246	-.540
7	.071	.071	.386	-.172	17	-.102	.079	-.203	-.472
8	.054	.074	.421	-.187	18	-.084	.076	-.194	-.409
9	.026	.078	.420	-.407	19	-.089	.080	-.268	-.563
10	.006	.107	.489	-.757	20	-.084	.082	-.253	-.597

DATA FOR PROJECT 6022 CONFIG. H					WIND DIR. 35 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.024	.052	.219	-.179	11	-.382	.076	-.057	-.833
2	.114	.055	.360	-.055	12	-.404	.075	-.048	-.907
3	.215	.061	.358	-.028	13	-.387	.071	-.097	-.948
4	.264	.068	.662	-.008	14	-.404	.071	-.168	-.817
5	.336	.074	.656	-.084	15	-.399	.066	-.196	-.687
6	.376	.086	.713	-.094	16	-.421	.067	-.150	-.693
7	.430	.108	.810	-.108	17	-.401	.064	-.206	-.653
8	.438	.129	.963	-.026	18	-.415	.065	-.202	-.690
9	.448	.149	1.133	-.013	19	-.432	.067	-.170	-.643
10	.379	.180	1.245	-.175	20	-.415	.069	-.190	-.697

DATA FOR PROJECT 6022 CONFIG. H					WIND DIR. 36 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.013	.123	.446	-.453	11	-.305	.124	-.430	-1.099
2	.035	.145	.435	-.503	12	-.314	.122	-.347	-1.051
3	.043	.184	.594	-.651	13	-.286	.114	-.275	-1.007
4	.040	.210	.581	-.655	14	-.293	.110	-.242	-1.282
5	.197	.194	.547	-.784	15	-.258	.092	-.176	-.701
6	.346	.135	.320	-.808	16	-.270	.087	-.127	-.662
7	.371	.094	.103	-.809	17	-.242	.079	-.121	-.630
8	.395	.090	-.083	-1.010	18	-.251	.078	-.096	-.581
9	.367	.087	-.076	-.948	19	-.234	.078	-.067	-.714
10	.374	.095	-.073	-.954	20	-.254	.085	-.044	-1.285

DATA FOR PROJECT 6022 CONFIG. H					WIND DIR. 37 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.035	.065	.212	-.335	11	-.207	.153	-.231	-1.148
2	.025	.067	.251	-.305	12	-.213	.141	-.195	-1.282
3	.004	.071	.361	-.219	13	-.186	.125	-.206	-1.070
4	.006	.075	.489	-.251	14	-.189	.116	-.181	-.854
5	.001	.072	.438	-.200	15	-.167	.106	-.199	-.944
6	.041	.071	.311	-.288	16	-.172	.100	-.151	-.958
7	.047	.082	.354	-.656	17	-.146	.089	-.177	-.686
8	.082	.093	.358	-1.113	18	-.156	.088	-.181	-.891
9	.083	.101	.473	-1.343	19	-.141	.094	-.208	-1.051
10	.127	.129	.391	-1.460	20	-.165	.105	-.209	-1.002

DATA FOR PROJECT 6022 CONFIG. H WIND DIR. 145 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.432	.120	.963	.143
2	.411	.109	.920	.140
3	.366	.100	.830	.113
4	.332	.091	.751	.097
5	.257	.083	.591	.027
6	.187	.075	.495	-.016
7	.077	.064	.325	-.102
8	.002	.056	.198	-.174
9	-.104	.055	.104	-.272
10	-.211	.053	-.026	-.391

DATA FOR PROJECT 6022 CONFIG. H WIND DIR. 146 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.382	.118	.040	-1.057
2	-.320	.093	.091	-.884
3	-.317	.092	.112	-.896
4	-.261	.102	.055	-.786
5	-.283	.097	.060	-.819
6	-.234	.109	.192	-.780
7	-.214	.137	.570	-.752
8	-.159	.155	.579	-.769
9	-.147	.156	.453	-.740
10	-.127	.154	.630	-.777

DATA FOR PROJECT 6022 CONFIG. H WIND DIR. 147 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.111	.049	.057	-.357
2	-.089	.049	.068	-.384
3	-.103	.051	.047	-.446
4	-.075	.055	.098	-.391
5	-.098	.064	.147	-.463
6	-.050	.076	.382	-.316
7	-.043	.089	.707	-.334
8	-.015	.089	.597	-.269
9	-.057	.086	.428	-.351
10	-.055	.074	.297	-.303

DATA FOR PROJECT 6022 CONFIG. H WIND DIR. 160 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.361	.106	.787	.079
2	.307	.092	.668	.075
3	.262	.079	.574	.063
4	.214	.070	.497	.037
5	.140	.056	.342	-.024
6	.080	.051	.277	-.072
7	.014	.044	.201	-.119
8	-.044	.043	.128	-.166
9	-.092	.046	.076	-.243
10	-.165	.054	.031	-.401

DATA FOR PROJECT 6022 CONFIG. H WIND DIR. 161 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.166	.092	.097	-.735
2	-.134	.076	.104	-.642
3	-.113	.073	.252	-.403
4	-.077	.080	.309	-.513
5	-.046	.090	.461	-.361
6	-.018	.106	.475	-.428
7	-.010	.102	.487	-.433
8	-.017	.094	.339	-.510
9	-.036	.089	.344	-.407
10	-.069	.073	.211	-.345

DATA FOR PROJECT 6022 CONFIG. H WIND DIR. 162 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.091	.047	.111	-.302
2	-.081	.050	.125	-.323
3	-.080	.054	.146	-.329
4	-.058	.061	.235	-.338
5	-.039	.066	.310	-.331
6	-.017	.071	.340	-.333
7	-.024	.065	.273	-.233
8	-.027	.060	.215	-.232
9	-.049	.059	.238	-.292
10	-.067	.051	.151	-.279

DATA FOR PROJECT 6022 CONFIG. I					WIND DIR. 20 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.038	.061	.198	-.322	11	-.250	.080	.011	-.765
2	.032	.054	.257	-.208	12	-.255	.081	.019	-.820
3	.103	.053	.311	-.125	13	-.256	.082	.004	-.785
4	.161	.056	.383	-.035	14	-.266	.086	.004	-.917
5	.222	.060	.475	.006	15	-.268	.085	.057	-.801
6	.269	.067	.544	.036	16	-.280	.089	.061	-.759
7	.333	.080	.741	.065	17	-.282	.088	.049	-.807
8	.371	.093	.790	.085	18	-.283	.089	.056	-.752
9	.417	.108	.902	.105	19	-.278	.094	.002	-.878
10	.459	.141	1.058	.026	20	-.272	.097	.072	-.890

DATA FOR PROJECT 6022 CONFIG. I					WIND DIR. 21 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.009	.059	.259	-.302	11	-.278	.233	.381	-2.012
2	.046	.059	.284	-.232	12	-.259	.208	.417	-1.580
3	.091	.061	.340	-.152	13	-.232	.177	.418	-1.454
4	.125	.068	.491	-.156	14	-.212	.152	.488	-1.331
5	.167	.082	.553	-.187	15	-.179	.111	.255	-.695
6	.181	.108	.630	-.246	16	-.166	.095	.206	-.965
7	.162	.142	.748	-.244	17	-.146	.077	.138	-.612
8	.119	.151	.853	-.343	18	-.140	.073	.121	-.468
9	.076	.145	.827	-.403	19	-.129	.072	.106	-.498
10	.002	.151	.880	-.600	20	-.128	.072	.111	-.610

DATA FOR PROJECT 6022 CONFIG. I					WIND DIR. 22 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.011	.052	.201	-.196	11	-.233	.190	.234	-1.532
2	.009	.049	.250	-.156	12	-.221	.172	.291	-1.198
3	.033	.048	.227	-.149	13	-.197	.145	.257	-1.066
4	.046	.048	.226	-.136	14	-.173	.123	.274	-1.012
5	.067	.051	.247	-.146	15	-.146	.097	.224	-.750
6	.080	.058	.277	-.139	16	-.128	.085	.195	-.524
7	.085	.065	.363	-.202	17	-.107	.075	.194	-.596
8	.080	.073	.470	-.239	18	-.097	.072	.166	-.569
9	.076	.078	.485	-.222	19	-.090	.071	.144	-.468
10	.049	.107	.565	-.697	20	-.091	.073	.136	-.562

DATA FOR PROJECT 6022 CONFIG. I					WIND DIR. 35 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.079	.052	.265	-.112	11	-.264	.077	.034	-.620
2	.167	.055	.374	-.015	12	-.262	.075	.012	-.597
3	.242	.059	.458	.065	13	-.268	.072	.026	-.598
4	.305	.064	.536	.114	14	-.272	.072	.022	-.611
5	.365	.072	.624	.162	15	-.280	.062	.048	-.558
6	.411	.083	.717	.153	16	-.280	.064	.056	-.583
7	.452	.095	.781	.165	17	-.275	.063	.067	-.546
8	.478	.114	.847	.139	18	-.272	.064	.043	-.538
9	.491	.136	.922	.060	19	-.279	.066	.110	-.520
10	.453	.168	1.026	-.082	20	-.273	.069	.068	-.523

DATA FOR PROJECT 6022 CONFIG. I					WIND DIR. 36 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.063	.085	.436	-.296	11	-.210	.126	.299	-1.150
2	.098	.095	.467	-.276	12	-.194	.118	.261	-1.065
3	.125	.118	.598	-.283	13	-.193	.111	.207	-1.181
4	.116	.132	.652	-.320	14	-.187	.106	.209	-1.155
5	.029	.144	.547	-.423	15	-.174	.089	.131	-.874
6	.087	.136	.510	-.483	16	-.159	.078	.126	-.458
7	.148	.123	.431	-.753	17	-.148	.070	.109	-.401
8	.180	.104	.291	-.714	18	-.147	.069	.099	-.443
9	.192	.093	.217	-.727	19	-.145	.074	.092	-.569
10	.214	.101	.236	-.931	20	-.138	.078	.099	-.674

DATA FOR PROJECT 6022 CONFIG. I					WIND DIR. 37 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.006	.052	.202	-.238	11	-.142	.151	.163	-1.671
2	.003	.050	.201	-.184	12	-.123	.133	.178	-1.294
3	.011	.053	.283	-.374	13	-.121	.118	.179	-.984
4	.027	.054	.321	-.326	14	-.114	.109	.184	-1.015
5	.029	.057	.308	-.228	15	-.106	.097	.247	-.732
6	.028	.063	.313	-.237	16	-.088	.088	.231	-.616
7	.027	.080	.546	-.361	17	-.079	.080	.179	-.667
8	.029	.087	.575	-.409	18	-.079	.079	.197	-.478
9	.021	.093	.537	-.755	19	-.082	.083	.198	-.787
10	.007	.120	.608	-1.399	20	-.077	.092	.195	-.940

DATA FOR PROJECT 6022 CONFIG. I WIND DIR. 60 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.184	.075	.457	-.053
2	.275	.082	.594	-.034
3	.345	.079	.727	-.045
4	.395	.086	.807	-.140
5	.441	.096	.924	-.138
6	.472	.111	1.064	-.178
7	.482	.134	1.008	-.136
8	.463	.150	1.037	-.056
9	.402	.160	1.006	-.018
10	.250	.166	.851	-.222

DATA FOR PROJECT 6022 CONFIG. I WIND DIR. 61 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.093	.167	.648	-.437
2	.084	.176	.647	-.465
3	.043	.189	.615	-.488
4	-.063	.187	.638	-.573
5	-.233	.153	.546	-.638
6	-.347	.115	.251	-.705
7	-.380	.100	.062	-1.293
8	-.377	.095	.156	-1.396
9	-.366	.093	.170	-1.096
10	-.358	.104	.238	-1.270

DATA FOR PROJECT 6022 CONFIG. I WIND DIR. 62 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.082	.057	.117	-.332
2	-.078	.058	.129	-.308
3	-.068	.057	.134	-.367
4	-.064	.062	.158	-.349
5	-.066	.067	.199	-.555
6	-.068	.075	.236	-.788
7	-.062	.083	.348	-.354
8	-.059	.092	.447	-.413
9	-.059	.101	.471	-.460
10	-.066	.120	.602	-.654

DATA FOR PROJECT 6022 CONFIG. I WIND DIR. 90 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.343	.097	.857	.037
2	.426	.102	.976	.098
3	.477	.106	.978	.183
4	.510	.113	.998	.201
5	.512	.117	1.003	.233
6	.494	.125	1.120	.201
7	.441	.127	1.014	.131
8	.366	.130	.978	.053
9	.278	.125	.794	-.099
10	.090	.113	.564	-.258

DATA FOR PROJECT 6022 CONFIG. I WIND DIR. 91 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.074	.184	.688	-.362
2	-.145	.162	.520	-.627
3	-.238	.135	.307	-.644
4	-.327	.112	.128	-.696
5	-.388	.087	.030	-.660
6	-.396	.082	-.028	-.677
7	-.357	.084	.070	-.820
8	-.329	.093	.248	-1.208
9	-.320	.108	.135	-1.148
10	-.306	.127	.244	-1.474

DATA FOR PROJECT 6022 CONFIG. I WIND DIR. 92 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.058	.048	.119	-.253
2	-.052	.050	.151	-.282
3	-.055	.052	.169	-.319
4	-.053	.056	.223	-.296
5	-.052	.062	.195	-.388
6	-.035	.071	.388	-.438
7	-.015	.082	.408	-.459
8	-.003	.095	.668	-.413
9	.006	.105	1.154	-.342
10	.012	.112	1.173	-.377

DATA FOR PROJECT 6022 CONFIG. I WIND DIR. 120 TUBING NO. 1

TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.395	.116	.866	-.036	11	-.464	.054	-.272	-.653
2	.449	.116	.920	.090	12	-.472	.054	-.287	-.651
3	.471	.115	.921	.170	13	-.469	.053	-.287	-.651
4	.469	.115	.945	.154	14	-.470	.053	-.292	-.657
5	.457	.119	.953	.161	15	-.472	.053	-.294	-.656
6	.400	.117	.856	.070	16	-.479	.055	-.297	-.671
7	.305	.112	.713	-.029	17	-.474	.057	-.303	-.739
8	.198	.106	.640	-.122	18	-.472	.060	-.296	-.850
9	.091	.097	.544	-.168	19	-.471	.060	-.285	-.864
10	-.088	.081	.295	-.339	20	-.480	.068	-.277	-.960

DATA FOR PROJECT 6022 CONFIG. I WIND DIR. 121 TUBING NO. 1

TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.179	.159	.452	-.698	11	-.238	.073	-.023	-.677
2	-.259	.126	.256	-.650	12	-.240	.067	-.044	-.697
3	-.334	.102	.135	-.693	13	-.233	.061	-.042	-.536
4	-.395	.091	.078	-.769	14	-.232	.057	-.040	-.450
5	-.407	.085	.062	-.743	15	-.236	.058	-.045	-.462
6	-.371	.090	.080	-.713	16	-.246	.067	-.014	-.502
7	-.316	.094	.180	-.885	17	-.238	.078	-.000	-.598
8	-.299	.105	.345	-1.099	18	-.237	.084	.007	-.687
9	-.276	.118	.142	-1.046	19	-.237	.084	.038	-.754
10	-.274	.133	.213	-1.220	20	-.244	.087	.055	-1.010

DATA FOR PROJECT 6022 CONFIG. I WIND DIR. 122 TUBING NO. 1

TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.106	.047	.118	-.282	11	-.113	.047	.042	-.313
2	-.107	.050	.108	-.312	12	-.118	.046	.029	-.285
3	-.105	.053	.130	-.359	13	-.110	.044	.045	-.338
4	-.107	.057	.133	-.372	14	-.110	.043	.037	-.305
5	-.093	.061	.141	-.404	15	-.109	.040	.033	-.267
6	-.080	.072	.284	-.400	16	-.115	.040	.033	-.255
7	-.060	.087	.499	-.437	17	-.112	.040	.039	-.243
8	-.057	.099	.702	-.523	18	-.113	.041	.041	-.251
9	-.039	.103	.632	-.555	19	-.114	.039	.039	-.241
10	-.048	.102	.576	-.454	20	-.122	.041	.019	-.259

DATA FOR PROJECT 6022 CONFIG. I WIND DIR. 145 TUBING NO. 1

TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.486	.128	1.140	.208	11	-.351	.054	-.170	-.575
2	.458	.118	1.054	.194	12	-.359	.054	-.180	-.567
3	.428	.108	.916	.194	13	-.363	.058	-.186	-.559
4	.381	.099	.806	.148	14	-.371	.059	-.175	-.569
5	.313	.088	.639	.063	15	-.355	.059	-.154	-.598
6	.226	.080	.528	.030	16	-.356	.060	-.136	-.642
7	.133	.068	.431	-.023	17	-.352	.061	-.149	-.657
8	-.043	.060	.313	-.122	18	-.356	.063	-.137	-.645
9	-.045	.056	.218	-.240	19	-.340	.060	-.144	-.592
10	-.174	.051	.009	-.384	20	-.345	.064	-.149	-.680

DATA FOR PROJECT 6022 CONFIG. I WIND DIR. 146 TUBING NO. 1

TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.167	.121	.234	-.787	11	-.180	.059	-.001	-.457
2	-.166	.103	.193	-.791	12	-.186	.055	-.014	-.398
3	-.159	.097	.155	-.654	13	-.184	.052	-.013	-.425
4	-.142	.099	.221	-.569	14	-.194	.053	-.008	-.426
5	-.113	.104	.418	-.524	15	-.201	.059	-.009	-.474
6	-.093	.125	.483	-.597	16	-.210	.073	.013	-.589
7	-.082	.143	.660	-.618	17	-.211	.098	.069	-.688
8	-.087	.157	.941	-.660	18	-.223	.114	.108	-.712
9	-.092	.158	.511	-.688	19	-.234	.115	.145	-.836
10	-.120	.148	.469	-.702	20	-.249	.121	.134	-.791

DATA FOR PROJECT 6022 CONFIG. I WIND DIR. 147 TUBING NO. 1

TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.086	.048	.103	-.299	11	-.113	.039	.027	-.267
2	-.084	.050	.091	-.280	12	-.116	.039	.021	-.263
3	-.080	.052	.093	-.300	13	-.111	.039	.013	-.282
4	-.074	.056	.143	-.293	14	-.114	.040	.012	-.280
5	-.057	.064	.382	-.299	15	-.113	.039	.011	-.270
6	-.044	.075	.410	-.317	16	-.116	.040	.015	-.273
7	-.030	.082	.440	-.343	17	-.116	.037	.023	-.236
8	-.033	.083	.420	-.286	18	-.121	.039	.022	-.245
9	-.045	.074	.415	-.265	19	-.120	.039	.024	-.244
10	-.068	.065	.297	-.300	20	-.123	.041	.025	-.276

DATA FOR PROJECT 6022 CONFIG. I WIND DIR. 160 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.386	.094	.744	.128
2	.338	.081	.634	.101
3	.289	.071	.534	.073
4	.244	.063	.503	.040
5	.184	.057	.494	.019
6	.126	.051	.389	-.028
7	.054	.044	.263	-.085
8	-.004	.041	.154	-.137
9	-.064	.044	.095	-.218
10	-.136	.051	.019	-.347

DATA FOR PROJECT 6022 CONFIG. I WIND DIR. 161 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.021	.083	.338	-.322
2	.038	.072	.336	-.234
3	.041	.070	.330	-.258
4	.050	.078	.340	-.251
5	.059	.089	.426	-.265
6	.058	.098	.524	-.290
7	.040	.090	.509	-.336
8	.016	.085	.389	-.334
9	-.008	.079	.317	-.342
10	-.041	.064	.263	-.366

DATA FOR PROJECT 6022 CONFIG. I WIND DIR. 162 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.032	.053	.191	-.259
2	-.017	.055	.203	-.225
3	-.013	.058	.254	-.256
4	.001	.061	.336	-.252
5	.020	.065	.505	-.229
6	.031	.066	.512	-.224
7	.021	.060	.356	-.279
8	.009	.056	.306	-.326
9	.009	.052	.257	-.166
10	-.023	.045	.182	-.174

DATA FOR PROJECT 6022 CONFIG. J WIND DIR. 35 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.070	.051	.263	-.097
2	.159	.054	.370	-.020
3	.249	.059	.469	.066
4	.304	.064	.538	.089
5	.364	.071	.622	.131
6	.410	.083	.709	.129
7	.457	.111	.973	.154
8	.477	.132	1.084	.100
9	.482	.153	1.177	.074
10	.426	.182	1.241	-.106

DATA FOR PROJECT 6022 CONFIG. J WIND DIR. 36 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.002	.072	.338	-.317
2	.041	.075	.360	-.248
3	.089	.085	.479	-.193
4	.119	.094	.485	-.192
5	.137	.108	.587	-.183
6	.120	.125	.669	-.234
7	.072	.140	.661	-.238
8	.025	.139	.608	-.255
9	-.018	.134	.724	-.299
10	-.082	.136	.548	-1.134

DATA FOR PROJECT 6022 CONFIG. J WIND DIR. 37 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.034	.054	.159	-.255
2	-.022	.053	.184	-.227
3	-.000	.054	.238	-.344
4	.007	.055	.292	-.453
5	.014	.059	.330	-.521
6	.011	.063	.357	-.282
7	.026	.077	.397	-.320
8	.026	.085	.502	-.418
9	.026	.093	.589	-.471
10	.009	.118	.813	-.763

DATA FOR PROJECT 6022 CONFIG. J WIND DIR. 60 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.178	.070	.459	-.042
2	.268	.076	.603	.034
3	.345	.079	.684	.126
4	.394	.087	.763	.143
5	.441	.098	.875	.147
6	.475	.115	.919	.162
7	.513	.134	1.147	.133
8	.499	.151	1.191	.087
9	.450	.164	1.153	-.025
10	.399	.175	1.027	-.185

DATA FOR PROJECT 6022 CONFIG. J WIND DIR. 61 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.030	.134	.598	-.384
2	.051	.144	.670	-.380
3	.080	.148	.594	-.366
4	.043	.154	.651	-.361
5	-.033	.153	.552	-.494
6	-.120	.145	.430	-.579
7	-.173	.119	.338	-.868
8	-.206	.111	.379	-1.035
9	-.215	.101	.248	-.805
10	-.239	.106	.368	-1.132

DATA FOR PROJECT 6022 CONFIG. J WIND DIR. 62 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.051	.056	.159	-.286
2	-.046	.056	.129	-.283
3	-.031	.057	.262	-.263
4	-.034	.059	.234	-.297
5	-.027	.064	.280	-.300
6	-.028	.071	.285	-.391
7	-.023	.086	.340	-.623
8	-.028	.094	.481	-.717
9	-.020	.099	.574	-.718
10	-.031	.117	.743	-.842

DATA FOR PROJECT 6022 CONFIG. J WIND DIR. 120 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.431	.116	.908	.107
2	.474	.116	.956	.146
3	.486	.115	.928	.149
4	.480	.114	.921	.164
5	.451	.112	.955	.188
6	.395	.111	.880	.121
7	.298	.106	.743	-.022
8	.199	.100	.635	-.077
9	.083	.091	.509	-.214
10	-.082	.075	.278	-.366

DATA FOR PROJECT 6022 CONFIG. J WIND DIR. 121 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.125	.145	.455	-.660
2	-.156	.120	.337	-.558
3	-.188	.103	.200	-.518
4	-.208	.094	.143	-.562
5	-.200	.089	.134	-.720
6	-.185	.094	.215	-.593
7	-.171	.104	.374	-.971
8	-.168	.112	.446	-.861
9	-.174	.119	.553	-.937
10	-.180	.125	.616	-.944

DATA FOR PROJECT 6022 CONFIG. J WIND DIR. 122 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.071	.046	.089	-.315
2	-.067	.051	.106	-.338
3	-.062	.055	.228	-.310
4	-.058	.061	.364	-.318
5	-.041	.073	.427	-.342
6	-.028	.083	.416	-.373
7	-.014	.094	.483	-.350
8	-.013	.099	.585	-.355
9	-.015	.096	.554	-.428
10	-.027	.090	.554	-.418

DATA FOR PROJECT 6022 CONFIG. J WIND DIR. 145 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.451	.125	1.069	.143
2	.431	.115	1.010	.146
3	.395	.104	.922	.131
4	.353	.095	.851	.105
5	.293	.084	.617	.061
6	.214	.076	.580	-.004
7	.169	.064	.439	-.077
8	.022	.057	.294	-.134
9	-.066	.054	.179	-.289
10	-.183	.051	.004	-.427

DATA FOR PROJECT 6022 CONFIG. J WIND DIR. 146 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.035	.088	.271	-.386
2	-.035	.079	.239	-.437
3	-.039	.075	.261	-.428
4	-.031	.079	.350	-.399
5	-.030	.091	.428	-.396
6	-.025	.107	.508	-.589
7	-.033	.118	.636	-.525
8	-.043	.121	.584	-.501
9	-.067	.119	.518	-.506
10	-.097	.105	.543	-.562

DATA FOR PROJECT 6022 CONFIG. J WIND DIR. 147 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.064	.055	.271	-.253
2	-.054	.059	.346	-.260
3	-.043	.062	.413	-.250
4	-.032	.068	.437	-.258
5	-.006	.077	.622	-.283
6	-.006	.085	.542	-.294
7	-.010	.086	.623	-.354
8	-.001	.084	.484	-.262
9	-.009	.080	.416	-.283
10	-.037	.069	.383	-.317

DATA FOR PROJECT 6022 CONFIG. K WIND DIR. 35 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.100	.051	.051	-.340
2	-.079	.048	.066	-.269
3	-.067	.043	.070	-.237
4	-.036	.043	.093	-.200
5	-.026	.042	.107	-.204
6	-.021	.044	.107	-.218
7	-.020	.052	.160	-.244
8	-.003	.056	.188	-.285
9	-.012	.059	.204	-.645
10	-.033	.073	.232	-.744

DATA FOR PROJECT 6022 CONFIG. K WIND DIR. 36 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.087	.044	.057	-.229
2	-.080	.043	.059	-.220
3	-.075	.048	.119	-.255
4	-.057	.050	.157	-.223
5	-.056	.052	.146	-.282
6	-.068	.056	.140	-.372
7	-.087	.061	.169	-.428
8	-.087	.065	.161	-.569
9	-.095	.069	.189	-.815
10	-.121	.085	.265	-1.376

DATA FOR PROJECT 6022 CONFIG. K WIND DIR. 37 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.000	.051	.169	-.202
2	-.008	.049	.177	-.169
3	-.009	.052	.195	-.227
4	-.020	.053	.217	-.262
5	-.021	.055	.233	-.269
6	-.016	.059	.243	-.235
7	-.014	.070	.347	-.279
8	-.018	.075	.377	-.468
9	-.016	.082	.368	-.781
10	-.000	.105	.394	-.881

DATA FOR PROJECT 6022 CONFIG. K					WIND DIR. 90 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.051	.059	.259	-.197	11	-.331	.050	-.133	-.636
2	.097	.054	.309	-.148	12	-.334	.049	-.153	-.547
3	.112	.053	.326	-.116	13	-.347	.045	-.193	-.486
4	.123	.056	.344	-.136	14	-.335	.044	-.183	-.479
5	.129	.060	.446	-.149	15	-.329	.042	-.187	-.457
6	.143	.075	.536	-.151	16	-.336	.042	-.184	-.475
7	.169	.112	.826	-.089	17	-.351	.047	-.197	-.560
8	.190	.158	.973	-.174	18	-.341	.049	-.179	-.566
9	.191	.195	1.082	-.220	19	-.326	.048	-.167	-.552
10	.121	.204	.930	-.392	20	-.341	.051	-.181	-.582

DATA FOR PROJECT 6022 CONFIG. K					WIND DIR. 91 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.095	.104	.307	-.377	11	-.180	.071	-.074	-.608
2	-.130	.089	.182	-.403	12	-.176	.066	-.047	-.526
3	-.193	.074	.131	-.420	13	-.189	.063	-.028	-.498
4	-.246	.063	.009	-.474	14	-.176	.056	-.027	-.442
5	-.297	.055	-.120	-.491	15	-.170	.049	-.005	-.386
6	-.275	.058	-.054	-.456	16	-.173	.048	-.022	-.426
7	-.243	.066	.063	-.686	17	-.186	.049	-.028	-.360
8	-.227	.077	.179	-.738	18	-.176	.052	-.055	-.375
9	-.231	.089	.155	-.865	19	-.164	.052	-.050	-.383
10	-.222	.108	.351	-1.464	20	-.171	.054	-.054	-.384

DATA FOR PROJECT 6022 CONFIG. K					WIND DIR. 92 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.049	.046	.109	-.252	11	-.058	.055	.106	-.347
2	-.039	.048	.120	-.281	12	-.059	.052	.089	-.321
3	-.045	.050	.119	-.305	13	-.063	.052	.116	-.321
4	-.042	.054	.122	-.295	14	-.054	.048	.103	-.234
5	-.039	.057	.270	-.282	15	-.052	.044	.083	-.217
6	-.020	.066	.292	-.274	16	-.058	.043	.082	-.231
7	.001	.077	.429	-.252	17	-.065	.044	.112	-.203
8	.017	.089	.559	-.288	18	-.056	.044	.134	-.217
9	.018	.109	.612	-.315	19	-.052	.044	.119	-.236
10	.024	.113	.845	-.394	20	-.062	.046	.125	-.285

DATA FOR PROJECT 6022 CONFIG. K					WIND DIR. 145 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.050	.050	.109	-.227	11	-.184	.040	-.061	-.360
2	-.057	.050	.096	-.226	12	-.190	.040	-.068	-.344
3	-.052	.049	.116	-.228	13	-.197	.043	-.052	-.340
4	-.057	.052	.156	-.269	14	-.205	.043	-.058	-.366
5	-.060	.056	.171	-.424	15	-.192	.042	-.051	-.369
6	-.073	.068	.273	-.450	16	-.196	.043	-.055	-.399
7	-.068	.076	.504	-.411	17	-.195	.039	-.052	-.334
8	-.083	.081	.498	-.492	18	-.200	.041	-.058	-.366
9	-.102	.078	.404	-.463	19	-.187	.039	-.042	-.331
10	-.137	.071	.267	-.484	20	-.192	.041	-.048	-.357

DATA FOR PROJECT 6022 CONFIG. K					WIND DIR. 146 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.137	.050	.076	-.309	11	-.154	.040	-.003	-.299
2	-.140	.051	.064	-.323	12	-.159	.040	-.005	-.306
3	-.133	.053	.053	-.343	13	-.160	.041	-.004	-.309
4	-.133	.060	.123	-.437	14	-.166	.042	-.012	-.309
5	-.123	.061	.284	-.431	15	-.160	.040	-.007	-.296
6	-.115	.074	.345	-.446	16	-.166	.041	-.012	-.306
7	-.097	.082	.467	-.408	17	-.167	.039	-.027	-.299
8	-.097	.085	.399	-.457	18	-.173	.042	-.022	-.412
9	-.105	.080	.347	-.392	19	-.165	.042	-.016	-.434
10	-.123	.072	.262	-.457	20	-.170	.044	-.019	-.474

DATA FOR PROJECT 6022 CONFIG. K					WIND DIR. 147 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.055	.044	.112	-.219	11	-.053	.039	.072	-.223
2	-.057	.048	.101	-.261	12	-.056	.038	.062	-.214
3	-.044	.050	.164	-.230	13	-.055	.037	.056	-.206
4	-.033	.057	.273	-.261	14	-.060	.037	.047	-.207
5	-.013	.071	.462	-.245	15	-.048	.036	.059	-.190
6	.003	.082	.642	-.241	16	-.052	.036	.062	-.190
7	.025	.086	.590	-.299	17	-.051	.038	.102	-.166
8	.022	.084	.573	-.291	18	-.056	.039	.094	-.172
9	.003	.078	.492	-.308	19	-.046	.038	.105	-.167
10	-.022	.067	.375	-.323	20	-.054	.040	.105	-.177

DATA FOR PROJECT 6022 CONFIG. K WIND DIR. 160 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.113	.049	.033	-.342
2	.105	.048	.050	-.296
3	.115	.048	.054	-.322
4	.114	.050	.058	-.370
5	.116	.048	.046	-.372
6	.110	.055	.085	-.462
7	.118	.054	.097	-.425
8	.120	.055	.102	-.418
9	.132	.053	.106	-.516
10	.129	.051	.064	-.594

DATA FOR PROJECT 6022 CONFIG. K WIND DIR. 161 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.097	.051	.161	-.338
2	.089	.052	.155	-.303
3	.095	.054	.162	-.305
4	.093	.057	.168	-.306
5	.096	.059	.161	-.401
6	.085	.063	.192	-.435
7	.089	.061	.227	-.433
8	.089	.060	.205	-.343
9	.092	.057	.118	-.523
10	.090	.053	.087	-.442

DATA FOR PROJECT 6022 CONFIG. K WIND DIR. 162 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.019	.056	.342	-.250
2	.004	.060	.446	-.250
3	.001	.064	.520	-.228
4	.012	.070	.504	-.206
5	.023	.070	.589	-.204
6	.032	.067	.389	-.189
7	.023	.061	.361	-.205
8	.013	.057	.240	-.220
9	.000	.054	.346	-.220
10	.011	.046	.221	-.220

DATA FOR PROJECT 6022 CONFIG. L WIND DIR. 35 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.089	.047	.081	-.296
2	.076	.045	.087	-.269
3	.072	.044	.070	-.260
4	.045	.044	.086	-.221
5	.041	.045	.094	-.237
6	.040	.049	.110	-.282
7	.043	.061	.180	-.333
8	.026	.070	.246	-.350
9	.028	.075	.306	-.412
10	.043	.107	.446	-.885

DATA FOR PROJECT 6022 CONFIG. L WIND DIR. 36 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.067	.046	.077	-.347
2	.061	.044	.096	-.297
3	.064	.045	.099	-.321
4	.046	.046	.123	-.270
5	.045	.049	.129	-.281
6	.046	.054	.160	-.300
7	.052	.059	.172	-.364
8	.039	.064	.221	-.399
9	.044	.069	.264	-.531
10	.068	.095	.355	-.942

DATA FOR PROJECT 6022 CONFIG. L WIND DIR. 37 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.006	.048	.153	-.234
2	.013	.047	.187	-.167
3	.016	.047	.231	-.205
4	.029	.048	.257	-.222
5	.030	.049	.272	-.260
6	.027	.054	.286	-.186
7	.027	.067	.276	-.435
8	.032	.070	.317	-.389
9	.030	.075	.356	-.399
10	.009	.101	.494	-.993

DATA FOR PROJECT 6022 CONFIG. L WIND DIR. 90 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.003	.059	.192	-.282
2	.038	.056	.250	-.287
3	.044	.056	.256	-.269
4	.057	.060	.282	-.302
5	.064	.064	.308	-.228
6	.087	.078	.487	-.231
7	.106	.103	.689	-.235
8	.121	.135	.897	-.202
9	.100	.161	.928	-.313
10	.057	.168	.940	-.353

DATA FOR PROJECT 6022 CONFIG. L WIND DIR. 91 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.115	.069	.287	-.313
2	.128	.062	.211	-.315
3	.160	.055	.071	-.325
4	.181	.050	.036	-.356
5	.195	.049	.013	-.436
6	.177	.056	.016	-.637
7	.173	.066	.061	-.586
8	.174	.077	.205	-.606
9	.180	.093	.401	-.643
10	.165	.108	.501	-.814

DATA FOR PROJECT 6022 CONFIG. L WIND DIR. 92 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.042	.044	.114	-.214
2	.031	.045	.132	-.224
3	.036	.047	.128	-.227
4	.034	.051	.140	-.288
5	.030	.057	.205	-.399
6	.014	.065	.288	-.480
7	.012	.077	.495	-.475
8	.026	.090	.737	-.414
9	.036	.106	.751	-.292
10	.036	.111	.831	-.334

DATA FOR PROJECT 6022 CONFIG. L WIND DIR. 145 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.051	.053	.136	-.338
2	.054	.053	.133	-.357
3	.047	.054	.158	-.297
4	.049	.059	.203	-.286
5	.044	.067	.373	-.315
6	.047	.081	.677	-.364
7	.036	.087	.612	-.496
8	.047	.089	.530	-.488
9	.060	.092	.551	-.361
10	.093	.080	.489	-.394

DATA FOR PROJECT 6022 CONFIG. L WIND DIR. 146 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.118	.053	.092	-.418
2	.117	.055	.118	-.391
3	.110	.058	.144	-.384
4	.104	.063	.169	-.415
5	.095	.067	.301	-.395
6	.084	.080	.327	-.401
7	.064	.086	.391	-.342
8	.064	.088	.465	-.348
9	.076	.083	.363	-.352
10	.099	.073	.252	-.360

DATA FOR PROJECT 6022 CONFIG. L WIND DIR. 147 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.047	.044	.122	-.236
2	.049	.047	.149	-.292
3	.039	.050	.173	-.343
4	.030	.056	.251	-.390
5	.006	.063	.355	-.217
6	.008	.073	.476	-.198
7	.029	.076	.510	-.167
8	.023	.076	.537	-.173
9	.020	.077	.587	-.207
10	.007	.064	.396	-.245

DATA FOR PROJECT 6022 CONFIG. L WIND DIR. 160 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.089	.051	.068	-.381	11	-.108	.041	.023	-.266
2	-.082	.052	.110	-.381	12	-.110	.041	.027	-.256
3	-.090	.054	.131	-.416	13	-.115	.038	.019	-.253
4	-.092	.058	.183	-.390	14	-.109	.038	.022	-.243
5	-.089	.063	.317	-.430	15	-.116	.037	.020	-.243
6	-.083	.068	.396	-.438	16	-.122	.039	.007	-.273
7	-.086	.066	.352	-.468	17	-.129	.043	.016	-.279
8	-.088	.064	.333	-.386	18	-.127	.047	.019	-.317
9	-.097	.060	.232	-.420	19	-.132	.046	.027	-.299
10	-.097	.055	.120	-.408	20	-.135	.047	.027	-.333

DATA FOR PROJECT 6022 CONFIG. L WIND DIR. 161 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.074	.054	.158	-.584	11	-.079	.039	.053	-.229
2	-.063	.055	.182	-.370	12	-.079	.039	.054	-.218
3	-.070	.057	.197	-.314	13	-.081	.039	.065	-.222
4	-.065	.061	.345	-.315	14	-.071	.039	.073	-.214
5	-.054	.066	.395	-.518	15	-.078	.038	.063	-.209
6	-.040	.067	.412	-.424	16	-.080	.039	.070	-.208
7	-.046	.064	.358	-.261	17	-.086	.041	.049	-.264
8	-.049	.061	.355	-.335	18	-.081	.044	.050	-.302
9	-.061	.058	.352	-.314	19	-.088	.047	.046	-.334
10	-.060	.052	.246	-.353	20	-.095	.050	.040	-.369

DATA FOR PROJECT 6022 CONFIG. L WIND DIR. 162 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.008	.053	.332	-.212	11	-.030	.038	.114	-.166
2	-.009	.057	.374	-.207	12	-.029	.038	.112	-.174
3	-.010	.060	.367	-.183	13	-.034	.036	.073	-.148
4	-.022	.065	.467	-.222	14	-.029	.036	.078	-.142
5	-.032	.067	.483	-.195	15	-.030	.036	.074	-.143
6	-.039	.065	.419	-.170	16	-.033	.036	.075	-.150
7	-.028	.060	.337	-.209	17	-.035	.039	.107	-.168
8	-.018	.056	.273	-.232	18	-.029	.040	.119	-.176
9	-.010	.055	.278	-.205	19	-.033	.040	.114	-.206
10	-.002	.047	.198	-.180	20	-.039	.043	.106	-.242

DATA FOR PROJECT 6022 CONFIG. M WIND DIR. 35 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.036	.050	.142	-.312	11	-.139	.117	.158	-1.164
2	-.027	.048	.165	-.285	12	-.117	.108	.195	-.770
3	-.028	.050	.270	-.207	13	-.126	.099	.184	-.720
4	-.006	.050	.272	-.197	14	-.118	.093	.162	-.768
5	-.010	.052	.239	-.230	15	-.116	.082	.125	-.891
6	-.012	.057	.259	-.265	16	-.092	.072	.128	-.558
7	-.017	.063	.303	-.312	17	-.092	.062	.115	-.436
8	-.002	.069	.349	-.324	18	-.089	.059	.115	-.428
9	-.006	.076	.383	-.374	19	-.098	.066	.168	-.437
10	-.004	.104	.549	-.642	20	-.082	.072	.165	-.461

DATA FOR PROJECT 6022 CONFIG. M WIND DIR. 36 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.017	.049	.188	-.274	11	-.133	.116	.192	-1.011
2	-.008	.047	.190	-.263	12	-.113	.108	.204	-.887
3	-.011	.047	.182	-.205	13	-.110	.100	.208	-.792
4	-.009	.048	.186	-.244	14	-.111	.096	.213	-.729
5	-.010	.050	.178	-.238	15	-.105	.081	.152	-.535
6	-.009	.056	.220	-.518	16	-.081	.073	.220	-.556
7	-.005	.066	.261	-.651	17	-.078	.067	.188	-.543
8	-.018	.071	.322	-.553	18	-.077	.067	.176	-.534
9	-.015	.076	.355	-.667	19	-.083	.071	.162	-.463
10	-.007	.106	.518	-1.262	20	-.072	.078	.177	-.485

DATA FOR PROJECT 6022 CONFIG. M WIND DIR. 37 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.017	.057	.240	-.263	11	-.122	.132	.171	-1.261
2	.028	.056	.310	-.613	12	-.104	.119	.207	-1.240
3	.035	.056	.326	-.201	13	-.103	.109	.165	-.838
4	.050	.057	.369	-.195	14	-.095	.102	.193	-.730
5	.055	.060	.439	-.165	15	-.077	.083	.184	-.856
6	.052	.063	.540	-.179	16	-.058	.075	.176	-.640
7	.047	.075	.365	-.352	17	-.054	.070	.158	-.560
8	.053	.080	.477	-.377	18	-.052	.071	.166	-.550
9	.052	.085	.550	-.459	19	-.062	.083	.240	-.589
10	.031	.109	.644	-.687	20	-.056	.092	.247	-.751

DATA FOR PROJECT 6022 CONFIG. M					WIND DIR. 90 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.022	.061	.215	-.271	11	-.179	.053	-.002	-.429
2	.021	.062	.242	-.227	12	-.180	.051	-.001	-.418
3	.026	.064	.282	-.230	13	-.200	.049	-.040	-.403
4	.045	.070	.322	-.239	14	-.185	.046	-.019	-.376
5	.062	.077	.469	-.247	15	-.181	.043	-.018	-.365
6	.098	.092	.627	-.185	16	-.187	.044	-.008	-.376
7	.116	.113	.844	-.190	17	-.201	.043	-.037	-.370
8	.127	.133	.872	-.225	18	-.189	.045	-.008	-.352
9	.115	.160	.931	-.349	19	-.178	.046	-.005	-.348
10	.085	.161	.900	-.341	20	-.191	.050	.002	-.407

DATA FOR PROJECT 6022 CONFIG. M					WIND DIR. 91 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.090	.058	.174	-.470	11	-.107	.056	.108	-.488
2	-.085	.055	.129	-.695	12	-.106	.053	.100	-.414
3	-.099	.052	.081	-.405	13	-.120	.051	.021	-.373
4	-.102	.053	.060	-.356	14	-.108	.046	.030	-.319
5	-.110	.058	.081	-.554	15	-.102	.040	.022	-.260
6	-.105	.066	.132	-.527	16	-.109	.038	.019	-.238
7	-.106	.075	.327	-.538	17	-.124	.046	.031	-.337
8	-.098	.086	.374	-.495	18	-.116	.048	.040	-.319
9	-.093	.108	.632	-.710	19	-.106	.047	.042	-.303
10	-.070	.127	.713	-1.020	20	-.118	.050	.036	-.350

DATA FOR PROJECT 6022 CONFIG. M					WIND DIR. 92 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.035	.045	.162	-.247	11	-.044	.053	.136	-.279
2	-.023	.047	.171	-.238	12	-.045	.051	.122	-.282
3	-.026	.049	.185	-.240	13	-.048	.046	.159	-.230
4	-.022	.052	.199	-.356	14	-.039	.044	.148	-.214
5	-.020	.057	.245	-.323	15	-.037	.042	.130	-.221
6	.002	.065	.439	-.255	16	-.045	.042	.112	-.245
7	.027	.079	.559	-.410	17	-.060	.042	.080	-.233
8	.043	.095	.634	-.403	18	-.053	.043	.090	-.224
9	.051	.107	.753	-.326	19	-.044	.043	.087	-.214
10	.058	.115	.841	-.329	20	-.052	.045	.092	-.235

DATA FOR PROJECT 6022 CONFIG. M					WIND DIR. 145 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.012	.072	.563	-.286	11	-.113	.041	.016	-.280
2	-.003	.075	.579	-.276	12	-.122	.042	.011	-.293
3	-.012	.078	.547	-.280	13	-.120	.040	.006	-.266
4	.021	.086	.636	-.253	14	-.128	.041	.003	-.288
5	.033	.088	.658	-.220	15	-.123	.042	.013	-.306
6	.029	.094	.565	-.296	16	-.130	.045	.015	-.396
7	.031	.090	.599	-.225	17	-.130	.045	.022	-.351
8	.011	.087	.526	-.256	18	-.136	.050	.029	-.381
9	.003	.093	.540	-.299	19	-.127	.051	.029	-.362
10	-.043	.078	.433	-.378	20	-.136	.055	.028	-.423

DATA FOR PROJECT 6022 CONFIG. M					WIND DIR. 146 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.103	.051	.061	-.309	11	-.112	.038	.029	-.254
2	-.101	.055	.072	-.330	12	-.112	.038	.024	-.256
3	-.093	.058	.093	-.322	13	-.120	.040	.042	-.283
4	-.084	.063	.113	-.338	14	-.121	.040	.032	-.283
5	-.068	.072	.360	-.335	15	-.114	.039	.039	-.271
6	-.046	.084	.408	-.357	16	-.116	.040	.037	-.269
7	-.022	.093	.586	-.319	17	-.123	.039	.019	-.260
8	-.021	.095	.844	-.344	18	-.126	.040	.022	-.283
9	-.042	.080	.408	-.358	19	-.118	.040	.019	-.277
10	-.065	.069	.280	-.326	20	-.123	.042	.021	-.302

DATA FOR PROJECT 6022 CONFIG. M					WIND DIR. 147 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.028	.045	.165	-.193	11	-.029	.038	.105	-.184
2	-.027	.048	.136	-.224	12	-.027	.038	.102	-.180
3	-.014	.050	.204	-.227	13	-.031	.036	.122	-.179
4	.001	.056	.307	-.234	14	-.032	.035	.122	-.183
5	.019	.065	.459	-.259	15	-.026	.034	.125	-.158
6	.036	.076	.563	-.272	16	-.027	.035	.129	-.160
7	.052	.080	.559	-.174	17	-.029	.036	.102	-.150
8	.051	.079	.532	-.177	18	-.031	.037	.098	-.162
9	.041	.074	.483	-.216	19	-.025	.036	.108	-.151
10	.018	.062	.375	-.258	20	-.030	.037	.112	-.174

DATA FOR PROJECT 6022 CONFIG. M WIND DIR. 160 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.036	.065	.446	-.266
2	-.025	.066	.336	-.266
3	-.029	.067	.307	-.266
4	-.025	.071	.340	-.270
5	-.027	.073	.496	-.319
6	-.018	.074	.458	-.307
7	-.026	.069	.376	-.279
8	-.032	.065	.384	-.259
9	-.042	.058	.264	-.249
10	-.048	.051	.169	-.317

DATA FOR PROJECT 6022 CONFIG. M WIND DIR. 161 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.033	.063	.305	-.296
2	-.018	.066	.417	-.264
3	-.017	.068	.356	-.257
4	-.008	.072	.387	-.304
5	-.004	.073	.394	-.234
6	-.013	.073	.380	-.230
7	-.006	.068	.379	-.215
8	-.004	.063	.304	-.204
9	-.019	.055	.321	-.293
10	-.027	.048	.201	-.230

DATA FOR PROJECT 6022 CONFIG. M WIND DIR. 162 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.010	.055	.275	-.209
2	.027	.057	.314	-.182
3	.033	.061	.395	-.197
4	.048	.068	.676	-.179
5	.059	.067	.505	-.164
6	.067	.066	.469	-.136
7	.053	.060	.411	-.123
8	.042	.056	.345	-.163
9	.028	.052	.281	-.135
10	.015	.044	.226	-.136

DATA FOR PROJECT 6022 CONFIG. M WIND DIR. 11 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.008	.069	.229	-.332
2	.039	.065	.285	-.237
3	.071	.062	.321	-.176
4	.075	.062	.319	-.139
5	.100	.062	.335	-.130
6	.094	.069	.347	-.176
7	.113	.088	.545	-.457
8	.129	.108	.711	-.254
9	.194	.126	.724	-.229
10	.238	.180	1.094	-.384

DATA FOR PROJECT 6022 CONFIG. M WIND DIR. 12 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.109	.058	.101	-.382
2	-.111	.058	.099	-.387
3	-.120	.056	.076	-.354
4	-.137	.059	.092	-.453
5	-.130	.061	.150	-.460
6	-.160	.069	.106	-.708
7	-.173	.077	.086	-.551
8	-.192	.087	.085	-.644
9	-.165	.103	.143	-.750
10	-.226	.190	.316	-1.247

DATA FOR PROJECT 6022 CONFIG. M WIND DIR. 13 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.284	.072	-.062	-.661
2	-.289	.070	-.085	-.673
3	-.288	.061	-.058	-.573
4	-.294	.058	-.068	-.561
5	-.268	.053	-.049	-.524
6	-.277	.052	-.042	-.506
7	-.276	.059	-.094	-.750
8	-.288	.067	-.085	-.822
9	-.264	.074	-.059	-.860
10	-.291	.090	-.028	-1.151

DATA FOR PROJECT 6022 CONFIG. N					WIND DIR. 14 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.341	.066	-.146	-.889	11	-.311	.064	-.055	-.604
2	-.346	.066	-.147	-.681	12	-.311	.065	-.061	-.670
3	-.352	.069	-.191	-.757	13	-.301	.065	-.052	-.659
4	-.355	.065	-.175	-.720	14	-.298	.065	-.041	-.538
5	-.329	.057	-.175	-.585	15	-.292	.061	-.074	-.530
6	-.335	.055	-.177	-.605	16	-.296	.061	-.091	-.576
7	-.334	.050	-.175	-.546	17	-.280	.058	-.094	-.527
8	-.339	.052	-.175	-.586	18	-.278	.057	-.104	-.578
9	-.312	.053	-.149	-.575	19	-.283	.057	-.068	-.517
10	-.332	.060	-.161	-.648	20	-.290	.060	-.061	-.586

DATA FOR PROJECT 6022 CONFIG. N					WIND DIR. 15 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.383	.063	-.194	-.858	11	-.367	.052	-.182	-.557
2	-.390	.063	-.210	-.949	12	-.368	.053	-.179	-.551
3	-.391	.061	-.236	-.756	13	-.359	.054	-.179	-.555
4	-.393	.056	-.228	-.701	14	-.360	.055	-.175	-.522
5	-.371	.049	-.207	-.620	15	-.344	.056	-.163	-.541
6	-.378	.047	-.217	-.593	16	-.346	.056	-.170	-.554
7	-.381	.047	-.242	-.611	17	-.333	.053	-.150	-.517
8	-.384	.048	-.241	-.633	18	-.335	.052	-.156	-.506
9	-.357	.047	-.216	-.620	19	-.337	.055	-.125	-.507
10	-.377	.051	-.223	-.683	20	-.345	.057	-.124	-.756

DATA FOR PROJECT 6022 CONFIG. N					WIND DIR. 21 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.133	.137	.834	-.213	11	-.250	.048	-.100	-.422
2	.180	.136	.848	-.150	12	-.263	.048	-.105	-.438
3	.220	.132	.845	-.100	13	-.288	.049	-.129	-.531
4	.242	.129	.815	-.119	14	-.296	.051	-.126	-.547
5	.243	.109	.811	-.089	15	-.262	.052	-.090	-.515
6	.202	.101	.686	-.081	16	-.275	.059	-.088	-.564
7	.137	.086	.507	-.190	17	-.285	.069	-.059	-.604
8	.071	.078	.455	-.173	18	-.291	.077	-.060	-.699
9	.006	.074	.343	-.286	19	-.249	.075	-.027	-.621
10	-.101	.060	.202	-.357	20	-.269	.083	-.044	-.659

DATA FOR PROJECT 6022 CONFIG. N					WIND DIR. 22 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.209	.061	.123	-.516	11	-.173	.044	-.034	-.323
2	-.206	.069	.204	-.511	12	-.180	.043	-.034	-.300
3	-.189	.077	.211	-.500	13	-.183	.042	-.046	-.347
4	-.171	.088	.327	-.547	14	-.182	.042	-.044	-.330
5	-.131	.105	.454	-.604	15	-.146	.040	-.021	-.289
6	-.098	.119	.518	-.504	16	-.158	.040	-.014	-.289
7	-.064	.119	.566	-.500	17	-.173	.040	-.026	-.340
8	-.070	.119	.578	-.495	18	-.180	.041	-.026	-.350
9	-.090	.111	.387	-.469	19	-.150	.040	-.004	-.366
10	-.125	.094	.312	-.452	20	-.184	.044	-.027	-.351

DATA FOR PROJECT 6022 CONFIG. N					WIND DIR. 23 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.375	.055	-.206	-.621	11	-.243	.054	-.024	-.451
2	-.377	.057	-.205	-.673	12	-.243	.052	-.040	-.445
3	-.373	.060	-.187	-.706	13	-.248	.046	-.081	-.434
4	-.372	.064	-.154	-.790	14	-.243	.046	-.076	-.412
5	-.361	.070	.005	-.691	15	-.207	.043	-.053	-.350
6	-.341	.076	.009	-.626	16	-.217	.044	-.060	-.351
7	-.303	.078	.225	-.703	17	-.242	.045	-.084	-.397
8	-.291	.081	.131	-.643	18	-.259	.046	-.103	-.436
9	-.288	.089	.097	-.677	19	-.240	.044	-.099	-.406
10	-.291	.095	.087	-.877	20	-.296	.047	-.144	-.469

DATA FOR PROJECT 6022 CONFIG. N					WIND DIR. 24 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.407	.052	-.245	-.681	11	-.313	.050	-.158	-.556
2	-.410	.053	-.238	-.688	12	-.312	.047	-.155	-.533
3	-.408	.054	-.225	-.707	13	-.316	.049	-.070	-.468
4	-.413	.057	-.221	-.754	14	-.309	.050	-.062	-.468
5	-.409	.056	-.245	-.629	15	-.264	.048	-.042	-.427
6	-.412	.063	-.212	-.678	16	-.272	.049	-.066	-.451
7	-.401	.070	-.196	-.726	17	-.284	.046	-.125	-.445
8	-.414	.084	-.171	-.790	18	-.298	.047	-.128	-.462
9	-.420	.096	-.089	-.869	19	-.277	.045	-.107	-.432
10	-.430	.109	-.095	-.909	20	-.332	.048	-.138	-.497

DATA FOR PROJECT 6022 CONFIG. N WIND DIR. 25 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.450	.047	-.286	-.642	11	-.382	.046	-.230	-.545
2	-.452	.047	-.291	-.648	12	-.384	.045	-.232	-.534
3	-.451	.048	-.289	-.646	13	-.387	.043	-.223	-.533
4	-.454	.050	-.285	-.665	14	-.381	.043	-.199	-.546
5	-.452	.053	-.296	-.665	15	-.341	.043	-.174	-.482
6	-.458	.058	-.260	-.709	16	-.340	.045	-.161	-.493
7	-.457	.065	-.240	-.787	17	-.342	.048	-.147	-.497
8	-.464	.072	-.238	-.990	18	-.351	.048	-.161	-.505
9	-.462	.075	-.273	-.989	19	-.329	.045	-.161	-.473
10	-.467	.079	-.257	-.927	20	-.378	.047	-.218	-.534

DATA FOR PROJECT 6022 CONFIG. N WIND DIR. 111 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.015	.047	.224	-.148	11	-.173	.060	.050	-.499
2	.051	.046	.279	-.117	12	-.188	.061	.037	-.513
3	.092	.055	.358	-.108	13	-.178	.059	.046	-.468
4	.104	.057	.399	-.097	14	-.185	.060	.039	-.489
5	.141	.057	.431	-.049	15	-.185	.060	.004	-.453
6	.148	.063	.438	-.100	16	-.202	.059	-.007	-.472
7	.182	.075	.574	-.085	17	-.182	.056	-.003	-.398
8	.207	.095	.664	-.128	18	-.184	.057	-.002	-.397
9	.277	.117	.761	-.099	19	-.171	.054	.007	-.397
10	.322	.168	.983	-.201	20	-.185	.058	.013	-.513

DATA FOR PROJECT 6022 CONFIG. N WIND DIR. 112 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.047	.054	.152	-.302	11	-.170	.101	.177	-.942
2	-.031	.049	.169	-.250	12	-.184	.104	.169	-1.094
3	-.010	.049	.181	-.189	13	-.173	.103	.126	-1.169
4	-.008	.049	.166	-.211	14	-.182	.101	.111	-.983
5	.023	.049	.212	-.202	15	-.176	.083	.064	-.722
6	.018	.054	.233	-.233	16	-.190	.078	.031	-.629
7	.040	.068	.324	-.236	17	-.166	.069	.026	-.643
8	.043	.079	.491	-.350	18	-.166	.069	.029	-.581
9	.090	.084	.513	-.315	19	-.157	.074	.027	-.776
10	.092	.121	.707	-.550	20	-.174	.090	.045	-1.070

DATA FOR PROJECT 6022 CONFIG. N WIND DIR. 114 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.113	.047	.039	-.300	11	-.182	.070	.040	-.907
2	-.107	.046	.049	-.275	12	-.187	.068	.040	-.919
3	-.101	.045	.047	-.258	13	-.182	.065	.046	-.831
4	-.099	.046	.047	-.251	14	-.183	.063	.042	-.673
5	-.074	.046	.075	-.228	15	-.181	.058	.034	-.491
6	-.077	.048	.075	-.245	16	-.187	.056	.013	-.455
7	-.079	.048	.066	-.275	17	-.174	.052	.006	-.404
8	-.085	.052	.078	-.343	18	-.177	.054	.015	-.499
9	-.064	.054	.098	-.417	19	-.180	.062	.001	-.763
10	-.088	.061	.102	-.529	20	-.190	.071	-.004	-.923

DATA FOR PROJECT 6022 CONFIG. N WIND DIR. 115 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.085	.045	.066	-.236	11	-.180	.045	-.019	-.372
2	-.069	.046	.076	-.217	12	-.185	.045	-.021	-.372
3	-.058	.045	.087	-.224	13	-.183	.045	-.013	-.358
4	-.048	.047	.105	-.215	14	-.187	.046	-.008	-.372
5	-.023	.048	.134	-.187	15	-.184	.043	-.039	-.376
6	-.022	.051	.143	-.203	16	-.188	.044	-.055	-.372
7	-.016	.057	.179	-.174	17	-.178	.043	-.043	-.358
8	-.014	.061	.198	-.185	18	-.177	.045	-.049	-.361
9	-.011	.063	.236	-.167	19	-.183	.048	-.026	-.379
10	-.016	.068	.234	-.203	20	-.188	.050	-.021	-.417

DATA FOR PROJECT 6022 CONFIG. N WIND DIR. 121 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.253	.137	.937	-.103	11	-.295	.049	-.147	-.564
2	.283	.131	.942	-.036	12	-.305	.049	-.164	-.553
3	.299	.123	.913	-.004	13	-.327	.054	-.180	-.557
4	.295	.117	.863	-.031	14	-.333	.055	-.185	-.553
5	.278	.113	.839	-.046	15	-.302	.056	-.137	-.548
6	.213	.101	.702	-.078	16	-.309	.062	-.133	-.624
7	.131	.083	.536	-.117	17	-.330	.071	-.096	-.665
8	.052	.072	.403	-.177	18	-.331	.077	-.088	-.723
9	-.036	.058	.203	-.244	19	-.288	.073	-.071	-.698
10	-.145	.050	.050	-.345	20	-.306	.080	-.072	-.778

DATA FOR PROJECT 6022 CONFIG. N WIND DIR. 122 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.014	.081	.532	-.254
2	.039	.085	.572	-.221
3	.061	.090	.672	-.173
4	.079	.101	.712	-.183
5	.099	.108	.660	-.225
6	.096	.112	.680	-.177
7	.076	.104	.539	-.199
8	.035	.096	.496	-.226
9	.019	.088	.365	-.320
10	.093	.070	.248	-.332

DATA FOR PROJECT 6022 CONFIG. N WIND DIR. 124 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.134	.049	.018	-.348
2	-.135	.049	.012	-.378
3	-.133	.049	.012	-.402
4	-.137	.052	.023	-.431
5	-.133	.056	.044	-.537
6	-.138	.062	.119	-.609
7	-.133	.062	.297	-.444
8	-.143	.064	.176	-.551
9	-.153	.067	.481	-.494
10	-.167	.062	.311	-.522

DATA FOR PROJECT 6022 CONFIG. N WIND DIR. 125 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.084	.051	.076	-.245
2	-.093	.050	.054	-.259
3	-.100	.049	.046	-.265
4	-.110	.050	.041	-.281
5	-.119	.046	.032	-.299
6	-.130	.048	.037	-.339
7	-.134	.047	.036	-.352
8	-.152	.047	.010	-.367
9	-.166	.048	.662	-.431
10	-.182	.047	.026	-.467

DATA FOR PROJECT 6022 CONFIG. N WIND DIR. 234 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.138	.044	.016	-.302
2	-.117	.044	.035	-.264
3	-.112	.044	.050	-.299
4	-.100	.046	.093	-.239
5	-.092	.050	.069	-.253
6	-.092	.054	.083	-.376
7	-.097	.066	.129	-.485
8	-.103	.067	.123	-.389
9	-.108	.072	.142	-.439
10	-.134	.079	.327	-.509

DATA FOR PROJECT 6022 CONFIG. N WIND DIR. 244 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.174	.049	.016	-.461
2	-.170	.049	.011	-.439
3	-.173	.045	.016	-.398
4	-.181	.042	.046	-.351
5	-.187	.044	.076	-.355
6	-.189	.048	.113	-.382
7	-.194	.060	.043	-.527
8	-.197	.066	.103	-.545
9	-.193	.076	.268	-.613
10	-.188	.092	.489	-.687

DATA FOR PROJECT 6022 CONFIG. N WIND DIR. 254 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.091	.050	.084	-.512
2	-.089	.051	.094	-.537
3	-.085	.053	.162	-.569
4	-.084	.059	.155	-.346
5	-.083	.059	.141	-.394
6	-.083	.064	.177	-.540
7	-.069	.072	.292	-.491
8	-.056	.090	.361	-.576
9	-.045	.103	.444	-.592
10	-.042	.123	.721	-.940

DATA FOR PROJECT 6022 CONFIG. N WIND DIR. 334 TUBING NO. 1

TAP	MEAN	RMS	MAX	MIN
1	-.109	.048	.039	-.273
2	-.105	.049	.102	-.287
3	-.100	.050	.092	-.300
4	-.106	.051	.072	-.361
5	-.104	.052	.095	-.307
6	-.116	.059	.149	-.473
7	-.119	.069	.260	-.600
8	-.136	.077	.380	-.603
9	-.157	.077	.349	-.628
10	-.184	.087	.565	-.696

DATA FOR PROJECT 6022 CONFIG. N WIND DIR. 344 TUBING NO. 1

TAP	MEAN	RMS	MAX	MIN
1	-.197	.049	-.024	-.418
2	-.202	.045	-.038	-.360
3	-.201	.045	-.037	-.389
4	-.213	.047	-.047	-.472
5	-.201	.054	.053	-.557
6	-.205	.058	.074	-.462
7	-.194	.068	.191	-.493
8	-.198	.077	.250	-.538
9	-.186	.091	.371	-.590
10	-.183	.103	.589	-.797

DATA FOR PROJECT 6022 CONFIG. N WIND DIR. 354 TUBING NO. 1

TAP	MEAN	RMS	MAX	MIN
1	-.097	.043	.048	-.258
2	-.093	.045	.074	-.307
3	-.082	.049	.096	-.354
4	-.091	.053	.107	-.342
5	-.060	.059	.244	-.280
6	-.054	.068	.316	-.438
7	-.023	.083	.379	-.361
8	-.025	.092	.523	-.382
9	-.013	.094	.590	-.355
10	-.023	.090	.573	-.428

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 11 TUBING NO. 1

TAP	MEAN	RMS	MAX	MIN
1	.024	.067	.253	-.259
2	.046	.062	.356	-.169
3	.066	.064	.386	-.231
4	.079	.067	.401	-.185
5	.099	.075	.557	-.331
6	.095	.088	.637	-.430
7	.085	.096	.649	-.444
8	.066	.110	.700	-.544
9	.061	.119	.681	-.701
10	.006	.159	.631	-1.082

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 12 TUBING NO. 1

TAP	MEAN	RMS	MAX	MIN
1	-.016	.056	.225	-.244
2	-.011	.055	.203	-.239
3	-.013	.056	.236	-.288
4	-.018	.058	.210	-.280
5	-.012	.059	.238	-.253
6	-.020	.065	.249	-.282
7	-.023	.077	.304	-.449
8	-.026	.086	.351	-.452
9	-.007	.094	.322	-.515
10	-.029	.144	.460	-.866

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 13 TUBING NO. 1

TAP	MEAN	RMS	MAX	MIN
1	-.149	.075	.093	-.523
2	-.148	.070	.084	-.494
3	-.149	.066	.039	-.495
4	-.156	.062	.050	-.475
5	-.145	.059	.069	-.463
6	-.156	.060	.064	-.439
7	-.169	.064	.107	-.471
8	-.183	.072	.064	-.513
9	-.169	.081	.096	-.705
10	-.201	.107	.170	-.903

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 14 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.277	.091	-.050	-.742
2	-.280	.091	-.041	-.796
3	-.280	.082	-.017	-.733
4	-.285	.076	-.032	-.686
5	-.262	.067	-.024	-.543
6	-.266	.065	-.018	-.526
7	-.270	.067	-.018	-.594
8	-.282	.073	-.005	-.753
9	-.260	.076	-.011	-.729
10	-.283	.083	-.041	-.770

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 15 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.339	.084	-.064	-.765
2	-.343	.086	-.073	-.834
3	-.354	.091	-.137	-.835
4	-.365	.088	-.143	-.802
5	-.335	.079	-.127	-.772
6	-.337	.073	-.127	-.706
7	-.322	.064	-.061	-.583
8	-.335	.065	-.068	-.592
9	-.304	.065	-.048	-.577
10	-.323	.066	-.066	-.601

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 21 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.124	.049	.038	-.322
2	-.124	.048	.021	-.397
3	-.115	.047	.027	-.359
4	-.112	.053	.052	-.329
5	-.104	.065	.198	-.436
6	-.090	.086	.345	-.438
7	-.056	.098	.415	-.493
8	-.044	.106	.576	-.441
9	-.047	.105	.468	-.409
10	-.069	.095	.383	-.441

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 22 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.137	.050	.062	-.314
2	-.141	.056	.116	-.357
3	-.128	.062	.199	-.363
4	-.115	.073	.306	-.372
5	-.064	.083	.378	-.358
6	-.027	.097	.628	-.343
7	.012	.101	.661	-.377
8	.009	.102	.624	-.410
9	.001	.094	.486	-.300
10	-.034	.077	.337	-.301

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 23 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.171	.054	.048	-.385
2	-.178	.057	.076	-.410
3	-.165	.061	.158	-.407
4	-.162	.068	.183	-.427
5	-.133	.075	.358	-.392
6	-.122	.083	.363	-.407
7	-.091	.083	.329	-.390
8	-.092	.085	.372	-.394
9	-.093	.085	.414	-.504
10	-.110	.080	.298	-.451

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 24 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.265	.053	-.105	-.516
2	-.277	.056	-.109	-.555
3	-.266	.057	-.092	-.519
4	-.271	.062	-.061	-.546
5	-.257	.067	-.015	-.618
6	-.257	.071	.040	-.585
7	-.226	.075	.093	-.637
8	-.231	.083	.132	-.641
9	-.233	.094	.098	-.833
10	-.250	.106	.077	-1.001

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 25 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.354	.053	-.126	-.608
2	-.369	.059	-.125	-.645
3	-.355	.057	-.100	-.633
4	-.362	.061	-.022	-.677
5	-.348	.068	-.126	-.640
6	-.362	.077	-.104	-.760
7	-.344	.091	-.059	-.798
8	-.361	.106	-.022	-.075
9	-.376	.119	-.132	-.148
10	-.397	.129	-.048	-.131

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 111 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.039	.065	.369	-.284
2	.063	.066	.424	-.274
3	.083	.074	.391	-.311
4	.093	.080	.440	-.248
5	.092	.085	.477	-.219
6	.056	.089	.461	-.208
7	.009	.086	.381	-.282
8	.018	.087	.383	-.430
9	.022	.089	.392	-.431
10	.068	.114	.368	-.813

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 112 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.026	.053	.127	-.280
2	-.011	.049	.156	-.408
3	-.004	.046	.185	-.207
4	-.003	.047	.198	-.258
5	.022	.051	.242	-.331
6	.022	.059	.280	-.224
7	.020	.075	.375	-.352
8	.009	.085	.410	-.414
9	.016	.091	.415	-.475
10	.017	.125	.414	-.742

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 114 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.094	.043	.060	-.236
2	-.092	.043	.074	-.298
3	-.091	.045	.073	-.327
4	-.094	.046	.072	-.319
5	-.074	.046	.082	-.290
6	-.083	.050	.077	-.327
7	-.090	.052	.109	-.382
8	-.105	.055	.118	-.366
9	-.089	.055	.140	-.479
10	-.116	.062	.120	-.844

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 115 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.085	.043	.045	-.252
2	-.078	.043	.063	-.245
3	-.071	.046	.085	-.210
4	-.075	.047	.081	-.226
5	-.046	.048	.098	-.206
6	-.054	.050	.093	-.228
7	-.067	.050	.122	-.240
8	-.092	.051	.098	-.261
9	-.075	.049	.101	-.233
10	-.110	.051	.073	-.357

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 121 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.166	.069	.094	-.466
2	-.157	.063	.072	-.433
3	-.144	.061	.059	-.354
4	-.137	.066	.071	-.404
5	-.117	.070	.211	-.428
6	-.105	.093	.370	-.568
7	-.069	.109	.393	-.477
8	-.057	.117	.505	-.534
9	-.053	.125	.651	-.462
10	-.069	.114	.625	-.568

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 122 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.100	.044	.035	-.265
2	-.104	.044	.035	-.272
3	-.095	.046	.051	-.274
4	-.098	.052	.077	-.374
5	-.080	.055	.234	-.410
6	-.059	.083	.388	-.366
7	-.022	.089	.406	-.402
8	-.018	.094	.369	-.388
9	-.021	.096	.483	-.369
10	-.053	.084	.475	-.359

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 124 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.114	.047	.057	-.357
2	-.124	.049	.055	-.422
3	-.113	.051	.079	-.427
4	-.117	.055	.099	-.341
5	-.104	.062	.294	-.364
6	-.108	.068	.406	-.415
7	-.087	.069	.458	-.375
8	-.094	.070	.421	-.371
9	-.089	.065	.406	-.376
10	-.105	.061	.307	-.388

DATA FOR PROJECT 6022 CONFIG. 0 WIND DIR. 125 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.150	.046	.021	-.364
2	-.162	.047	.018	-.341
3	-.149	.047	.033	-.323
4	-.155	.050	.028	-.345
5	-.147	.050	.054	-.407
6	-.158	.054	.059	-.423
7	-.142	.053	.069	-.395
8	-.149	.054	.062	-.409
9	-.147	.058	.097	-.463
10	-.163	.058	.059	-.509

DATA FOR PROJECT 6022 CONFIG. P WIND DIR. 35 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.124	.047	.009	-.320
2	-.114	.046	.011	-.338
3	-.131	.047	.028	-.331
4	-.147	.048	.012	-.372
5	-.097	.048	.066	-.347
6	-.095	.052	.070	-.389
7	-.117	.062	.110	-.554
8	-.130	.073	.122	-.676
9	-.069	.076	.217	-.501
10	-.084	.114	.408	-.984

DATA FOR PROJECT 6022 CONFIG. P WIND DIR. 36 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.082	.048	.102	-.335
2	-.072	.047	.106	-.307
3	-.088	.052	.105	-.442
4	-.090	.054	.119	-.407
5	-.060	.054	.138	-.312
6	-.065	.058	.180	-.340
7	-.079	.064	.208	-.579
8	-.079	.073	.253	-.693
9	-.035	.079	.281	-.941
10	-.055	.121	.434	-1.412

DATA FOR PROJECT 6022 CONFIG. P WIND DIR. 37 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.019	.054	.222	-.280
2	-.012	.054	.252	-.301
3	-.015	.061	.312	-.343
4	-.011	.062	.287	-.280
5	.016	.063	.271	-.253
6	.015	.070	.307	-.260
7	.006	.077	.339	-.310
8	.014	.085	.401	-.305
9	.060	.089	.471	-.293
10	.049	.129	.616	-.756

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DATA FOR PROJECT 6022 CONFIG. P WIND DIR. 145 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.122	.060	.058	-.536
2	-.128	.060	.061	-.569
3	-.127	.060	.096	-.528
4	-.125	.065	.140	-.463
5	-.120	.076	.554	-.499
6	-.111	.093	.542	-.454
7	-.086	.102	.440	-.518
8	-.080	.104	.413	-.515
9	-.082	.107	.493	-.427
10	-.108	.091	.373	-.461

DATA FOR PROJECT 6022 CONFIG. P WIND DIR. 146 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.115	.057	.120	-.388
2	-.149	.060	.153	-.486
3	-.113	.061	.331	-.444
4	-.106	.065	.306	-.426
5	-.094	.070	.323	-.378
6	-.106	.090	.567	-.419
7	-.065	.098	.543	-.388
8	-.057	.101	.495	-.375
9	-.059	.102	.619	-.415
10	-.113	.089	.388	-.447

DATA FOR PROJECT 6022 CONFIG. P WIND DIR. 147 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.024	.087	.569	-.394
2	.023	.085	.585	-.371
3	.026	.085	.698	-.361
4	.034	.091	.776	-.286
5	.046	.109	.706	-.320
6	.052	.117	.647	-.285
7	.051	.113	.762	-.241
8	.047	.109	.606	-.245
9	.015	.098	.559	-.280
10	-.023	.079	.437	-.402

DATA FOR PROJECT 6022 CONFIG. Q WIND DIR. 35 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.118	.062	.089	-.364
2	-.045	.063	.192	-.279
3	.009	.072	.253	-.271
4	.064	.075	.323	-.222
5	.127	.078	.403	-.154
6	.198	.087	.551	-.095
7	.257	.093	.542	-.059
8	.334	.110	.716	-.047
9	.418	.124	.847	-.014
10	.449	.159	.968	-.129

DATA FOR PROJECT 6022 CONFIG. Q WIND DIR. 36 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.050	.095	.418	-.375
2	-.033	.100	.395	-.368
3	-.042	.098	.453	-.335
4	-.038	.098	.468	-.426
5	-.036	.088	.384	-.372
6	-.061	.097	.422	-.638
7	-.092	.113	.443	-.522
8	-.097	.123	.604	-.600
9	-.075	.129	.418	-.659
10	-.148	.222	.605	-.511

DATA FOR PROJECT 6022 CONFIG. Q WIND DIR. 37 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.026	.071	.236	-.320
2	-.012	.073	.281	-.302
3	-.009	.078	.336	-.277
4	.006	.082	.408	-.306
5	.026	.084	.469	-.382
6	.024	.093	.553	-.524
7	.024	.111	.551	-.433
8	.052	.124	.564	-.476
9	.104	.134	.594	-.487
10	.109	.203	.792	-.992

DATA FOR PROJECT 6022 CONFIG. Q WIND DIR. 145 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.383	.128	.857	.021
2	.323	.117	.768	.026
3	.266	.105	.702	.009
4	.212	.099	.650	.062
5	.152	.095	.672	.097
6	.092	.092	.601	.161
7	.031	.082	.495	.202
8	.030	.075	.367	.287
9	.100	.065	.162	.345
10	.221	.062	.023	.494

DATA FOR PROJECT 6022 CONFIG. Q WIND DIR. 146 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.065	.143	.734	.513
2	.023	.121	.581	.490
3	.000	.108	.568	.378
4	.011	.109	.559	.385
5	.020	.105	.528	.540
6	.020	.123	.777	.494
7	.017	.128	.669	.465
8	.021	.135	.679	.554
9	.044	.137	.561	.604
10	.088	.121	.491	.627

DATA FOR PROJECT 6022 CONFIG. Q WIND DIR. 147 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.149	.146	.764	.359
2	.103	.128	.617	.270
3	.071	.115	.610	.270
4	.049	.113	.652	.315
5	.023	.106	.547	.326
6	.002	.105	.519	.335
7	.008	.096	.428	.303
8	.024	.093	.476	.292
9	.049	.089	.424	.403
10	.096	.075	.356	.425

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 11 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.043	.069	.221	.347
2	.010	.074	.290	.329
3	.048	.083	.333	.333
4	.074	.087	.381	.369
5	.101	.084	.396	.369
6	.103	.089	.460	.182
7	.119	.103	.543	.254
8	.160	.115	.620	.326
9	.227	.123	.685	.341
10	.304	.156	.886	.433

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 21 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.174	.171	.958	.306
2	.248	.173	.904	.364
3	.281	.175	.945	.305
4	.330	.177	1.060	.209
5	.375	.158	.987	.204
6	.395	.147	.984	.120
7	.342	.129	.821	.187
8	.275	.115	.780	.149
9	.185	.093	.543	.198
10	.041	.074	.350	.274

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 12 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.084	.055	.083	.299
2	.081	.057	.118	.296
3	.086	.060	.149	.363
4	.078	.064	.189	.363
5	.053	.067	.232	.399
6	.059	.074	.278	.533
7	.052	.090	.313	.444
8	.035	.102	.360	.520
9	.005	.109	.432	.511
10	.004	.150	.600	.862

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 22 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.034	.099	.619	-.317	11	-.185	.091	.073	-.684
2	-.003	.102	.698	-.304	12	-.196	.080	.048	-.670
3	.000	.106	.742	-.310	13	-.201	.072	.024	-.544
4	.017	.116	.772	-.254	14	-.199	.074	.030	-.554
5	.039	.115	.674	-.340	15	-.217	.079	-.005	-.625
6	.067	.130	.661	-.344	16	-.239	.094	.011	-.898
7	.061	.131	.702	-.297	17	-.240	.110	.031	-1.105
8	.050	.127	.705	-.318	18	-.230	.114	.054	-.881
9	.032	.119	.550	-.360	19	-.285	.136	.041	-1.054
10	-.014	.096	.418	-.365	20	-.341	.155	.051	-1.492

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 13 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.105	.052	.090	-.339	11	-.516	.273	.041	-2.598
2	-.102	.054	.153	-.313	12	-.344	.164	.044	-1.846
3	-.102	.057	.093	-.408	13	-.277	.113	.081	-1.051
4	-.102	.060	.132	-.487	14	-.280	.115	.097	-.974
5	-.066	.061	.180	-.564	15	-.248	.097	.067	-.717
6	-.071	.067	.183	-.643	16	-.225	.091	.216	-.870
7	-.063	.077	.314	-.620	17	-.196	.078	.113	-.690
8	-.054	.087	.367	-.544	18	-.187	.072	.057	-.670
9	-.013	.091	.403	-.442	19	-.179	.072	.041	-.629
10	-.012	.122	.539	-.706	20	-.183	.074	.058	-.709

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 23 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.061	.083	.463	-.349	11	-.154	.063	.034	-.622
2	-.050	.088	.586	-.376	12	-.160	.062	.031	-.647
3	-.038	.092	.609	-.342	13	-.161	.059	.073	-.549
4	-.021	.100	.879	-.320	14	-.166	.060	.064	-.471
5	.016	.111	.728	-.369	15	-.169	.061	.034	-.472
6	.036	.121	.752	-.329	16	-.181	.068	-.013	-.647
7	.044	.121	.667	-.280	17	-.179	.074	.031	-.628
8	.036	.119	.649	-.313	18	-.175	.077	.027	-.644
9	.016	.107	.443	-.349	19	-.182	.082	.014	-.733
10	-.033	.087	.447	-.346	20	-.198	.091	-.009	-.884

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 14 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.155	.059	.142	-.387	11	-1.179	.439	-.110	-2.976
2	-.144	.063	.192	-.377	12	-.466	.112	-.168	-1.090
3	-.140	.070	.096	-.457	13	-.421	.095	-.121	-.818
4	-.128	.067	.099	-.659	14	-.365	.106	-.053	-1.043
5	-.111	.067	.130	-.820	15	-.474	.153	-.064	-1.101
6	-.116	.068	.159	-.478	16	-.424	.139	-.026	-1.000
7	-.095	.080	.193	-.469	17	-.326	.105	.019	-.812
8	-.092	.080	.208	-.412	18	-.296	.090	.002	-.740
9	-.053	.086	.288	-.457	19	-.280	.088	.012	-.736
10	-.034	.120	.391	-.684	20	-.262	.079	-.023	-.630

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 24 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.034	.097	.539	-.386	11	-.342	.074	-.126	-.610
2	.015	.113	.780	-.444	12	-.349	.074	-.133	-.673
3	.066	.134	.856	-.333	13	-.369	.075	-.151	-.712
4	.144	.160	.919	-.313	14	-.403	.083	-.158	-.910
5	.273	.178	.954	-.404	15	-.479	.109	-.167	-1.047
6	.357	.170	.981	-.206	16	-.536	.133	-.203	-1.199
7	.380	.144	.822	-.119	17	-.465	.157	-.113	-1.230
8	.342	.124	.706	-.151	18	-.389	.130	-.060	-1.025
9	.261	.107	.642	-.154	19	-.415	.121	-.092	-1.118
10	.107	.084	.433	-.267	20	-.440	.125	-.071	-1.134

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 111 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.057	.064	.319	-.253	11	-.689	.189	-.177	-1.798
2	.063	.065	.319	-.215	12	-.637	.179	-.079	-1.586
3	.066	.064	.347	-.156	13	-.661	.187	-.119	-1.718
4	.066	.065	.338	-.191	14	-.596	.214	-.058	-1.370
5	.041	.067	.331	-.203	15	-.236	.167	.096	-.958
6	.014	.074	.298	-.250	16	-.095	.086	.179	-.603
7	-.001	.091	.431	-.366	17	-.057	.063	.231	-.357
8	.023	.105	.531	-.448	18	-.036	.063	.204	-.339
9	.058	.116	.619	-.387	19	-.028	.072	.242	-.387
10	.090	.155	.756	-.694	20	-.010	.073	.252	-.384

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 121 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.029	.116	.528	-.295	11	-.176	.067	.049	-.500
2	.077	.119	.598	-.285	12	-.187	.071	.123	-.536
3	.113	.119	.687	-.226	13	-.199	.077	.071	-.666
4	.142	.120	.625	-.295	14	-.221	.085	.077	-.574
5	.178	.118	.784	-.221	15	-.265	.092	.056	-.704
6	.184	.114	.736	-.277	16	-.328	.100	.014	-.777
7	.161	.098	.671	-.355	17	-.356	.107	.067	-.863
8	.116	.089	.629	-.371	18	-.366	.127	.012	-1.151
9	.069	.076	.433	-.209	19	-.363	.141	.029	-1.146
10	-.017	.064	.289	-.240	20	-.379	.165	.083	-1.279

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 112 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.028	.058	.240	-.225	11	-.256	.135	.117	-1.308
2	-.027	.058	.247	-.208	12	-.235	.131	.127	-1.307
3	-.024	.050	.182	-.200	13	-.235	.123	.143	-1.048
4	-.014	.051	.210	-.243	14	-.214	.111	.127	-.887
5	-.013	.053	.224	-.330	15	-.169	.095	.174	-.748
6	-.026	.059	.243	-.382	16	-.119	.079	.144	-.729
7	-.023	.073	.421	-.313	17	-.099	.069	.135	-.455
8	-.004	.083	.443	-.392	18	-.097	.069	.127	-.448
9	.014	.092	.531	-.346	19	-.086	.068	.275	-.447
10	.014	.125	.656	-.775	20	-.077	.074	.227	-.467

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 122 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.033	.102	.673	-.263	11	-.114	.049	.067	-.329
2	.060	.103	.764	-.224	12	-.124	.050	.070	-.316
3	.071	.103	.724	-.207	13	-.129	.049	.061	-.332
4	.077	.104	.693	-.211	14	-.135	.052	.106	-.351
5	.099	.104	.751	-.189	15	-.163	.056	.022	-.411
6	.099	.103	.823	-.211	16	-.206	.062	.049	-.571
7	.079	.098	.655	-.256	17	-.224	.069	.029	-.706
8	.050	.093	.496	-.253	18	-.214	.073	.013	-.824
9	.019	.084	.349	-.291	19	-.212	.074	.014	-.794
10	-.023	.072	.329	-.338	20	-.224	.081	.065	-.772

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 113 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.049	.045	.129	-.219	11	-.233	.113	.186	-1.160
2	-.052	.045	.142	-.216	12	-.219	.108	.187	-1.143
3	-.053	.049	.167	-.223	13	-.216	.100	.199	-1.010
4	-.047	.050	.147	-.258	14	-.203	.091	.150	-.887
5	-.043	.051	.176	-.250	15	-.171	.077	.093	-.586
6	-.058	.056	.177	-.299	16	-.129	.067	.095	-.422
7	-.062	.065	.214	-.458	17	-.106	.061	.102	-.413
8	-.050	.072	.259	-.574	18	-.101	.059	.114	-.390
9	-.037	.078	.281	-.495	19	-.094	.054	.155	-.333
10	-.043	.106	.431	-.843	20	-.086	.056	.091	-.390

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 123 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.040	.084	.490	-.307	11	-.118	.045	.042	-.287
2	-.019	.089	.548	-.262	12	-.129	.045	.036	-.294
3	-.003	.091	.517	-.275	13	-.134	.042	.012	-.286
4	.005	.096	.680	-.307	14	-.137	.043	.004	-.291
5	.021	.096	.670	-.323	15	-.136	.044	.006	-.307
6	.026	.095	.662	-.312	16	-.155	.047	.010	-.361
7	.019	.089	.509	-.266	17	-.156	.049	.004	-.474
8	-.002	.085	.454	-.288	18	-.154	.053	.013	-.532
9	-.019	.078	.368	-.352	19	-.150	.055	.010	-.534
10	-.052	.066	.274	-.321	20	-.164	.061	.011	-.708

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 211 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.043	.059	.158	-.295	11	-.767	.268	-.089	-1.934
2	-.026	.064	.207	-.266	12	-.471	.219	-.071	-1.713
3	-.034	.072	.219	-.300	13	-.326	.117	-.023	-1.101
4	-.036	.071	.211	-.511	14	-.290	.098	.013	-.932
5	-.054	.074	.236	-.513	15	-.250	.080	.028	-.577
6	-.087	.082	.220	-.463	16	-.244	.079	.037	-.579
7	-.101	.098	.340	-.677	17	-.211	.075	.058	-.550
8	-.112	.105	.252	-.473	18	-.201	.072	.062	-.560
9	-.080	.121	.303	-.594	19	-.190	.070	.103	-.504
10	-.103	.189	.441	-1.315	20	-.182	.070	.088	-.490

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 221 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.109	.108	.396	-.523
2	-.052	.119	.547	-.418
3	.015	.130	.668	-.390
4	.077	.150	.738	-.329
5	.188	.160	.788	-.255
6	.225	.159	.820	-.334
7	.233	.130	.798	-.274
8	.182	.111	.671	-.285
9	.099	.096	.504	-.298
10	-.068	.077	.285	-.395

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 311 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.117	.046	.065	-.260
2	-.095	.048	.097	-.250
3	-.075	.047	.099	-.230
4	-.072	.055	.149	-.306
5	-.072	.060	.167	-.375
6	-.086	.067	.221	-.500
7	-.093	.079	.253	-.398
8	-.102	.099	.378	-.442
9	-.055	.117	.483	-.506
10	.021	.152	.673	-.867

DATA FOR PROJECT 6022 CONFIG. R WIND DIR. 321 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.014	.114	.650	-.395
2	.016	.105	.752	-.270
3	.027	.088	.608	-.234
4	.036	.081	.597	-.225
5	.048	.067	.351	-.195
6	.046	.065	.279	-.211
7	.027	.057	.211	-.208
8	-.010	.051	.163	-.235
9	-.062	.048	.153	-.315
10	-.142	.046	.029	-.316

DATA FOR PROJECT 6022 CONFIG. S WIND DIR. 11 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.109	.075	.180	-.387
2	-.073	.080	.250	-.351
3	-.051	.093	.359	-.543
4	-.020	.095	.386	-.571
5	.006	.091	.453	-.370
6	.018	.098	.517	-.371
7	.042	.110	.570	-.422
8	.075	.123	.690	-.392
9	.110	.129	.643	-.330
10	.122	.169	.958	-.798

DATA FOR PROJECT 6022 CONFIG. S WIND DIR. 21 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.263	.182	1.067	-.356
2	.284	.174	1.012	-.251
3	.270	.167	.890	-.227
4	.274	.168	1.048	-.209
5	.268	.175	1.084	-.279
6	.271	.165	.992	-.383
7	.229	.148	.877	-.182
8	.184	.135	.770	-.248
9	.103	.108	.513	-.279
10	-.013	.092	.428	-.416

DATA FOR PROJECT 6022 CONFIG. S WIND DIR. 12 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.088	.069	.189	-.345
2	-.071	.071	.201	-.342
3	-.078	.077	.239	-.366
4	-.060	.079	.264	-.337
5	-.032	.079	.277	-.310
6	-.024	.085	.351	-.302
7	-.018	.091	.413	-.363
8	.005	.100	.426	-.408
9	.034	.106	.485	-.329
10	.033	.137	.657	-.645

DATA FOR PROJECT 6022 CONFIG. S					WIND DIR. 22 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.065	.119	.770	-.270	11	-.236	.086	-.014	-.709
2	.102	.119	.829	-.231	12	-.241	.083	-.013	-.667
3	.100	.121	.809	-.194	13	-.272	.085	-.027	-.725
4	.119	.128	.944	-.192	14	-.274	.088	-.020	-.716
5	.135	.131	.790	-.218	15	-.326	.104	-.048	-.934
6	.159	.138	.732	-.201	16	-.356	.131	-.027	-1.129
7	.137	.134	.633	-.250	17	-.334	.139	-.021	-1.314
8	.117	.126	.582	-.272	18	-.299	.131	-.050	-1.405
9	.065	.111	.476	-.293	19	-.279	.162	-.028	-1.351
10	.001	.091	.361	-.351	20	-.422	.182	-.046	-1.521

DATA FOR PROJECT 6022 CONFIG. S					WIND DIR. 13 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.106	.057	.133	-.405	11	-.521	.290	-.004	-2.681
2	-.085	.058	.160	-.330	12	-.309	.152	.038	-1.290
3	-.087	.057	.165	-.324	13	-.260	.097	.026	-.874
4	-.081	.060	.152	-.333	14	-.264	.106	.090	-.958
5	-.051	.060	.181	-.324	15	-.239	.099	.100	-.751
6	-.044	.065	.252	-.373	16	-.216	.090	.112	-.677
7	-.041	.076	.276	-.314	17	-.194	.079	.159	-.631
8	-.030	.087	.358	-.387	18	-.179	.074	.107	-.575
9	.006	.092	.463	-.427	19	-.184	.082	.136	-.562
10	.003	.118	.599	-.594	20	-.185	.087	.172	-.774

DATA FOR PROJECT 6022 CONFIG. S					WIND DIR. 23 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.044	.111	.773	-.268	11	-.194	.073	-.001	-.772
2	.073	.108	.819	-.245	12	-.200	.071	-.006	-.714
3	.064	.108	.701	-.231	13	-.219	.074	-.014	-.572
4	.075	.112	.752	-.231	14	-.209	.077	-.049	-.645
5	.077	.108	.614	-.226	15	-.244	.089	-.008	-.785
6	.095	.111	.618	-.215	16	-.259	.105	-.016	-.941
7	.074	.111	.759	-.257	17	-.267	.111	-.001	-1.412
8	.055	.106	.623	-.246	18	-.246	.115	-.006	-.913
9	.019	.099	.555	-.329	19	-.296	.134	-.015	-1.330
10	-.023	.083	.383	-.361	20	-.310	.144	-.016	-1.360

DATA FOR PROJECT 6022 CONFIG. S					WIND DIR. 14 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.171	.061	.137	-.403	11	-.821	.377	-.037	-3.096
2	-.154	.063	.180	-.438	12	-.419	.165	.039	-1.357
3	-.144	.063	.126	-.342	13	-.356	.115	.052	-.917
4	-.129	.068	.152	-.356	14	-.363	.125	.076	-1.030
5	-.107	.071	.239	-.357	15	-.357	.112	.036	-.963
6	-.101	.078	.265	-.435	16	-.330	.097	.069	-.783
7	-.080	.088	.252	-.416	17	-.295	.079	.072	-.704
8	-.070	.098	.308	-.458	18	-.287	.073	.070	-.731
9	-.041	.105	.393	-.439	19	-.287	.072	-.008	-.552
10	-.038	.129	.480	-.704	20	-.278	.075	-.054	-.790

DATA FOR PROJECT 6022 CONFIG. S					WIND DIR. 24 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.098	.128	.803	-.283	11	-.361	.089	-.108	-.755
2	.110	.128	.632	-.240	12	-.362	.082	-.108	-.733
3	.106	.124	.750	-.241	13	-.373	.075	-.119	-.786
4	.111	.131	.780	-.289	14	-.369	.072	-.106	-.656
5	.119	.140	.923	-.218	15	-.383	.074	-.161	-.728
6	.144	.155	.816	-.224	16	-.383	.082	-.149	-.787
7	.144	.159	.743	-.348	17	-.386	.102	-.098	-.935
8	.124	.154	.688	-.302	18	-.375	.105	-.106	-1.058
9	.063	.137	.606	-.350	19	-.374	.106	-.128	-1.119
10	-.031	.122	.401	-.505	20	-.371	.107	-.115	-1.060

DATA FOR PROJECT 6022 CONFIG. S					WIND DIR. 111 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.036	.071	.370	-.207	11	-.568	.259	-.003	-1.780
2	.063	.072	.413	-.169	12	-.550	.244	-.002	-1.580
3	.098	.083	.423	-.269	13	-.574	.261	-.023	-1.751
4	.128	.085	.443	-.230	14	-.480	.241	.053	-1.576
5	.150	.087	.538	-.170	15	-.211	.123	.114	-.924
6	.154	.095	.505	-.194	16	-.132	.088	.214	-.793
7	.170	.115	.699	-.174	17	-.122	.083	.206	-.555
8	.192	.129	.773	-.260	18	-.113	.080	.145	-.542
9	.212	.144	.788	-.207	19	-.114	.082	.201	-.495
10	.218	.179	.874	-.341	20	-.104	.085	.197	-.683

DATA FOR PROJECT 6022 CONFIG. S WIND DIR. 121 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.192	.116	.608	-.276
2	.222	.116	.637	-.174
3	.250	.114	.642	-.102
4	.254	.119	.679	-.125
5	.260	.117	.688	-.084
6	.223	.110	.641	-.141
7	.167	.095	.583	-.221
8	.101	.085	.523	-.268
9	.056	.074	.348	-.212
10	-.032	.064	.306	-.281

DATA FOR PROJECT 6022 CONFIG. S WIND DIR. 112 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.003	.059	.302	-.255
2	.003	.059	.306	-.247
3	.012	.060	.325	-.271
4	.028	.061	.332	-.232
5	.035	.063	.358	-.219
6	.024	.071	.450	-.231
7	.021	.080	.370	-.315
8	.034	.087	.403	-.307
9	.040	.095	.450	-.359
10	.021	.123	.519	-.850

DATA FOR PROJECT 6022 CONFIG. S WIND DIR. 122 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.037	.100	.483	-.332
2	.063	.105	.569	-.374
3	.092	.109	.674	-.259
4	.107	.117	.732	-.186
5	.122	.102	.631	-.217
6	.113	.102	.624	-.200
7	.097	.093	.528	-.235
8	.059	.085	.439	-.278
9	.036	.080	.426	-.221
10	-.023	.066	.259	-.293

DATA FOR PROJECT 6022 CONFIG. S WIND DIR. 113 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.028	.047	.208	-.188
2	-.027	.048	.251	-.192
3	-.022	.055	.247	-.314
4	-.006	.055	.306	-.272
5	-.000	.057	.305	-.245
6	-.008	.062	.318	-.233
7	-.016	.067	.389	-.326
8	.003	.075	.414	-.314
9	.017	.082	.422	-.366
10	.009	.110	.491	-.677

DATA FOR PROJECT 6022 CONFIG. S WIND DIR. 123 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.003	.080	.367	-.302
2	.008	.082	.424	-.267
3	.035	.084	.485	-.218
4	.047	.091	.587	-.210
5	.078	.106	.604	-.237
6	.072	.109	.596	-.238
7	.067	.101	.518	-.291
8	.035	.092	.545	-.273
9	.006	.074	.318	-.220
10	-.049	.060	.204	-.293

DATA FOR PROJECT 6022 CONFIG. S WIND DIR. 211 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.017	.078	.290	-.316
2	.038	.084	.396	-.240
3	.096	.091	.493	-.198
4	.137	.096	.536	-.208
5	.159	.098	.554	-.157
6	.163	.103	.597	-.247
7	.186	.115	.600	-.236
8	.219	.129	.646	-.232
9	.255	.148	.739	-.250
10	.292	.182	.863	-.302

DATA FOR PROJECT 6022 CONFIG. S WIND DIR. 221 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.401	.133	.924	-.047
2	.437	.135	.852	-.087
3	.463	.131	.927	-.033
4	.452	.131	.940	-.011
5	.432	.126	.904	-.003
6	.366	.118	.612	-.097
7	.280	.101	.699	-.114
8	.165	.086	.489	-.154
9	.041	.074	.354	-.221
10	-.160	.076	.144	-.464

DATA FOR PROJECT 6022 CONFIG. S WIND DIR. 311 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.131	.041	.010	-.272
2	-.117	.041	.029	-.260
3	-.102	.041	.033	-.242
4	-.095	.041	.066	-.242
5	-.080	.043	.091	-.233
6	-.078	.044	.103	-.230
7	-.069	.049	.137	-.230
8	-.072	.051	.095	-.252
9	-.064	.055	.114	-.249
10	-.069	.065	.133	-.307

DATA FOR PROJECT 6022 CONFIG. S WIND DIR. 321 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.100	.047	.068	-.263
2	-.092	.046	.078	-.267
3	-.081	.046	.071	-.277
4	-.075	.047	.086	-.271
5	-.063	.047	.126	-.205
6	-.061	.050	.105	-.221
7	-.057	.053	.130	-.254
8	-.073	.054	.129	-.238
9	-.099	.055	.099	-.288
10	-.148	.056	.029	-.352

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 11 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.121	.075	.183	-.448
2	-.100	.082	.270	-.587
3	-.085	.092	.350	-.365
4	-.054	.098	.427	-.364
5	-.022	.096	.430	-.367
6	-.016	.106	.438	-.448
7	-.000	.116	.525	-.427
8	.027	.126	.560	-.444
9	.049	.125	.649	-.383
10	.028	.155	.792	-.663

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 21 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.114	.130	.843	-.299
2	.137	.130	.924	-.267
3	.130	.134	.990	-.299
4	.142	.143	.995	-.350
5	.160	.145	.853	-.205
6	.175	.150	.851	-.241
7	.150	.143	.685	-.352
8	.119	.136	.621	-.252
9	.066	.121	.304	-.337
10	-.026	.100	.336	-.373

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 12 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.136	.080	.272	-.488
2	-.107	.088	.286	-.489
3	-.077	.096	.312	-.490
4	-.054	.103	.401	-.483
5	-.015	.106	.464	-.430
6	.004	.115	.506	-.509
7	.035	.134	.505	-.520
8	.068	.144	.607	-.527
9	.117	.148	.682	-.511
10	.142	.184	.783	-.626

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 22 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.168	.140	.783	-.440
2	.208	.142	.773	-.701
3	.216	.143	.602	-.506
4	.234	.148	.829	-.375
5	.270	.141	.847	-.102
6	.280	.144	.949	-.183
7	.247	.132	.727	-.199
8	.204	.121	.670	-.224
9	.136	.110	.585	-.226
10	.024	.089	.401	-.339

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 13 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.093	.061	.164	-.298
2	-.074	.063	.191	-.333
3	-.063	.064	.222	-.448
4	-.056	.069	.224	-.509
5	-.047	.074	.267	-.543
6	-.032	.080	.340	-.479
7	-.023	.097	.397	-.379
8	-.009	.107	.449	-.419
9	.016	.114	.506	-.459
10	.019	.149	.646	-.901

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 23 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.047	.117	.843	-.295
2	.073	.119	.819	-.230
3	.075	.122	.806	-.244
4	.094	.130	.768	-.350
5	.114	.135	.820	-.314
6	.130	.143	.843	-.260
7	.113	.139	.777	-.221
8	.096	.130	.652	-.296
9	.052	.112	.547	-.295
10	-.011	.091	.371	-.321

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 14 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.167	.060	.040	-.433
2	-.144	.061	.089	-.378
3	-.135	.060	.208	-.404
4	-.126	.067	.133	-.489
5	-.113	.073	.267	-.433
6	-.103	.081	.293	-.513
7	-.098	.088	.240	-.514
8	-.104	.103	.307	-.506
9	-.095	.111	.378	-.504
10	-.105	.128	.439	-.797

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 24 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.073	.121	.759	-.352
2	.085	.117	.685	-.316
3	.085	.116	.742	-.296
4	.097	.122	.678	-.251
5	.104	.134	.699	-.267
6	.128	.151	.838	-.372
7	.128	.152	.854	-.346
8	.109	.147	.664	-.281
9	.057	.139	.607	-.328
10	-.052	.114	.425	-.501

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 111 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.021	.067	.284	-.331
2	-.003	.069	.296	-.391
3	.014	.082	.364	-.283
4	.038	.085	.526	-.269
5	.046	.085	.410	-.289
6	.034	.088	.464	-.283
7	.017	.092	.591	-.278
8	.020	.101	.750	-.426
9	.018	.109	.647	-.532
10	.015	.140	.648	-.588

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 121 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.163	.114	.639	-.161
2	.193	.118	.688	-.150
3	.214	.120	.694	-.154
4	.227	.126	.771	-.160
5	.213	.119	.739	-.101
6	.187	.115	.688	-.138
7	.137	.100	.555	-.154
8	.091	.089	.482	-.172
9	.036	.077	.351	-.269
10	.040	.065	.238	-.307

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 112 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.021	.066	.268	-.201
2	.029	.067	.299	-.192
3	.040	.073	.327	-.213
4	.052	.075	.343	-.244
5	.058	.076	.371	-.197
6	.050	.081	.352	-.208
7	.042	.092	.486	-.321
8	.057	.100	.577	-.355
9	.071	.107	.649	-.388
10	.068	.138	.880	-.643

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 122 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.078	.105	.622	-.270
2	.122	.106	.607	-.203
3	.136	.105	.629	-.188
4	.153	.108	.694	-.208
5	.167	.110	.703	-.139
6	.168	.107	.670	-.214
7	.131	.095	.628	-.176
8	.092	.088	.520	-.221
9	.050	.077	.483	-.229
10	.003	.065	.328	-.243

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 113 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.017	.051	.186	-.191
2	-.012	.051	.207	-.238
3	-.009	.057	.232	-.171
4	-.006	.058	.256	-.226
5	.007	.060	.265	-.195
6	.003	.065	.292	-.331
7	-.006	.069	.244	-.258
8	-.004	.077	.317	-.312
9	-.010	.083	.332	-.380
10	-.002	.109	.484	-.732

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 123 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.007	.088	.473	-.220
2	.044	.089	.614	-.204
3	.047	.093	.649	-.184
4	.062	.099	.696	-.183
5	.093	.103	.662	-.212
6	.108	.103	.573	-.192
7	.080	.095	.541	-.244
8	.056	.088	.468	-.240
9	.027	.079	.469	-.204
10	.001	.065	.342	-.237

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 211 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.060	.081	.259	-.391
2	-.013	.088	.377	-.311
3	-.002	.091	.349	-.265
4	.044	.108	.638	-.261
5	.056	.109	.508	-.307
6	.048	.104	.627	-.300
7	.030	.107	.574	-.538
8	.027	.113	.603	-.371
9	.030	.118	.619	-.412
10	.014	.142	.613	-.653

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 221 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.167	.145	.776	-.305
2	.222	.160	.868	-.250
3	.271	.160	.900	-.130
4	.279	.162	.948	-.138
5	.299	.141	.934	-.144
6	.249	.140	.742	-.178
7	.204	.125	.670	-.180
8	.123	.113	.525	-.235
9	.045	.100	.414	-.277
10	-.086	.083	.271	-.390

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 311 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.113	.043	.104	-.249
2	-.100	.044	.092	-.232
3	-.093	.041	.044	-.225
4	-.084	.042	.067	-.228
5	-.075	.043	.057	-.215
6	-.079	.044	.071	-.215
7	-.080	.047	.080	-.242
8	-.093	.049	.111	-.306
9	-.097	.051	.094	-.336
10	-.132	.058	.095	-.405

DATA FOR PROJECT 6022 CONFIG. T WIND DIR. 321 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.152	.041	.012	-.310
2	-.142	.042	.014	-.271
3	-.138	.043	.025	-.275
4	-.133	.045	.033	-.310
5	-.125	.048	.062	-.291
6	-.115	.050	.069	-.290
7	-.116	.052	.079	-.296
8	-.126	.053	.074	-.376
9	-.150	.054	.055	-.331
10	-.180	.054	.000	-.413

DATA FOR PROJECT 6022 CONFIG. U WIND DIR. 35 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.007	.074	.216	-.306
2	-.120	.068	.390	-.138
3	-.207	.077	.503	-.034
4	-.282	.088	.610	.007
5	-.352	.096	.754	.081
6	-.398	.108	.846	.073
7	-.449	.123	.961	.109
8	-.485	.136	.973	.124
9	-.509	.146	1.025	.132
10	-.471	.170	1.070	.004

DATA FOR PROJECT 6022 CONFIG. U WIND DIR. 36 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.009	.062	.234	-.241
2	.117	.061	.380	-.084
3	.192	.069	.505	-.048
4	.259	.078	.598	.014
5	.322	.089	.647	.056
6	.361	.095	.722	.085
7	.412	.115	.899	.092
8	.439	.126	1.008	.076
9	.459	.135	1.043	.096
10	.429	.159	1.087	-.036

DATA FOR PROJECT 6022 CONFIG. U WIND DIR. 37 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.003	.057	.190	-.223
2	-.106	.056	.305	-.092
3	-.190	.071	.540	-.022
4	-.253	.082	.645	.020
5	-.324	.089	.751	.053
6	-.359	.100	.829	.061
7	-.391	.102	.754	.087
8	-.415	.113	.806	.075
9	-.443	.120	.875	.085
10	-.409	.146	1.018	-.050

DATA FOR PROJECT 6022 CONFIG. U WIND DIR. 145 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.416	.135	.968	.090
2	.420	.126	.926	.100
3	.388	.120	.899	.080
4	.367	.117	.833	.064
5	.331	.122	.751	.074
6	.313	.117	.778	.020
7	.243	.105	.666	-.012
8	.173	.093	.514	-.076
9	.079	.077	.399	-.183
10	-.073	.068	.157	-.349

DATA FOR PROJECT 6022 CONFIG. U WIND DIR. 146 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.379	.141	.997	.028
2	.395	.133	.919	.078
3	.372	.127	.866	.084
4	.361	.124	.870	.058
5	.349	.127	.847	-.008
6	.329	.121	.773	-.004
7	.253	.110	.664	-.058
8	.180	.098	.564	-.108
9	.071	.082	.418	-.199
10	-.089	.075	.183	-.391

DATA FOR PROJECT 6022 CONFIG. U WIND DIR. 147 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.372	.146	.969	.025
2	.383	.140	.943	.044
3	.366	.135	.915	.038
4	.358	.132	.875	.041
5	.338	.121	.866	.055
6	.312	.115	.865	.034
7	.239	.103	.670	-.022
8	.166	.091	.571	-.127
9	.058	.077	.354	-.155
10	-.107	.068	.119	-.365

DATA FOR PROJECT 6022 CONFIG. V WIND DIR. 35 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.154	.064	.458	-.069
2	.187	.065	.478	-.025
3	.223	.072	.518	-.040
4	.258	.076	.576	-.002
5	.285	.080	.622	.025
6	.303	.089	.690	.019
7	.325	.100	.896	.074
8	.351	.112	.960	.047
9	.358	.123	.946	.048
10	.304	.146	1.066	-.105

DATA FOR PROJECT 6022 CONFIG. V WIND DIR. 36 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.114	.060	.423	-.098
2	.148	.063	.435	-.079
3	.186	.074	.468	-.281
4	.225	.080	.585	-.178
5	.266	.085	.654	-.162
6	.266	.092	.700	-.054
7	.283	.097	.672	-.173
8	.284	.107	.716	-.116
9	.274	.114	.698	-.150
10	.211	.135	.789	-.258

DATA FOR PROJECT 6022 CONFIG. V WIND DIR. 37 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.096	.059	.302	-.135
2	.129	.060	.354	-.141
3	.166	.065	.478	-.080
4	.200	.070	.517	-.082
5	.235	.074	.563	-.049
6	.247	.082	.594	-.069
7	.265	.094	.686	-.087
8	.273	.103	.718	-.110
9	.270	.108	.719	-.112
10	.213	.129	.817	-.169

DATA FOR PROJECT 6022 CONFIG. V WIND DIR. 145 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.382	.131	.902	-.017
2	.369	.122	.919	-.048
3	.344	.111	.872	-.045
4	.308	.103	.801	-.029
5	.240	.085	.545	-.017
6	.192	.077	.501	-.017
7	.143	.065	.467	-.049
8	.094	.058	.368	-.090
9	.053	.056	.354	-.134
10	-.018	.053	.218	-.214

DATA FOR PROJECT 6022 CONFIG. V WIND DIR. 146 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.217	.106	.680	-.065
2	.229	.106	.698	-.046
3	.243	.102	.674	-.015
4	.234	.102	.654	-.022
5	.235	.093	.551	-.020
6	.196	.090	.509	-.042
7	.154	.078	.517	-.047
8	.094	.069	.351	-.089
9	.052	.059	.283	-.178
10	-.039	.054	.172	-.261

DATA FOR PROJECT 6022 CONFIG. V WIND DIR. 147 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	.213	.107	.644	-.117
2	.223	.107	.668	-.076
3	.243	.103	.682	-.046
4	.233	.103	.674	-.047
5	.237	.097	.644	-.044
6	.190	.092	.613	-.088
7	.146	.077	.474	-.119
8	.087	.069	.394	-.154
9	.042	.060	.290	-.133
10	-.052	.054	.214	-.244

DATA FOR PROJECT 6022 CONFIG. W WIND DIR. 35 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.336	.071	-.126	-.784
2	-.358	.073	-.138	-.849
3	-.302	.065	-.107	-.544
4	-.450	.074	-.244	-.741
5	-.376	.072	-.198	-.681
6	-.395	.074	-.170	-.711
7	-.358	.075	-.126	-.792
8	-.487	.086	-.187	-.911
9	-.167	.064	.080	-.383
10	-.087	.064	.159	-.287

DATA FOR PROJECT 6022 CONFIG. W WIND DIR. 36 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.273	.194	.218	-1.558
2	-.237	.166	.284	-1.496
3	-.167	.131	.376	-.845
4	-.251	.128	.193	-.872
5	-.164	.108	.125	-.746
6	-.155	.098	.166	-.594
7	-.109	.098	.229	-.630
8	-.204	.107	.120	-.872
9	-.034	.103	.438	-.409
10	-.020	.110	.640	-.333

DATA FOR PROJECT 6022 CONFIG. W WIND DIR. 37 TUBING NO. 1				
TAP	MEAN	RMS	MAX	MIN
1	-.165	.399	.288	-1.434
2	-.012	.098	.329	-.568
3	-.385	.252	.181	-1.657
4	-.398	.254	.133	-2.118
5	-.313	.196	.131	-1.311
6	-.239	.154	.136	-1.488
7	1.115	.037	1.206	.950
8	1.109	.037	1.206	.938
9	1.117	.038	1.216	.936
10	1.117	.037	1.214	.942

DATA FOR PROJECT 6022 CONFIG. W WIND DIR. 145 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.383	.103	.722	.101	11	-.398	.069	-.172	-.651
2	.325	.090	.632	.063	12	-.481	.073	-.265	-.776
3	.257	.081	.561	.032	13	-.395	.063	-.215	-.652
4	.150	.077	.456	.068	14	-.363	.063	-.181	-.609
5	.153	.068	.396	.052	15	-.377	.063	-.172	-.610
6	.100	.063	.361	.077	16	-.444	.064	-.210	-.734
7	.021	.054	.235	.162	17	-.359	.062	-.174	-.622
8	.094	.053	.096	.237	18	-.324	.062	-.129	-.609
9	.093	.056	.152	.286	19	-.351	.063	-.152	-.671
10	.161	.054	.069	.338	20	-.428	.066	-.232	-.778

DATA FOR PROJECT 6022 CONFIG. W WIND DIR. 146 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.046	.118	.289	-.732	11	-.161	.062	-.025	-.421
2	-.055	.090	.247	-.389	12	-.215	.066	-.028	-.549
3	-.075	.084	.330	-.386	13	-.159	.066	.049	-.477
4	-.127	.083	.345	-.512	14	-.153	.070	.043	-.425
5	-.057	.079	.452	-.535	15	-.179	.073	.037	-.538
6	-.038	.082	.535	-.389	16	-.245	.081	.059	-.636
7	-.047	.095	.635	-.386	17	-.209	.085	.057	-.581
8	-.101	.106	.581	-.462	18	-.233	.094	.055	-.701
9	-.054	.099	.556	-.419	19	-.278	.105	.025	-.796
10	-.070	.092	.619	-.521	20	-.350	.115	-.028	-.922

DATA FOR PROJECT 6022 CONFIG. W WIND DIR. 147 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	.181	.139	.729	.689	11	-.146	.070	.055	-.513
2	.130	.114	.558	.291	12	-.157	.074	.086	-.533
3	.087	.100	.462	.267	13	-.136	.073	.168	-.424
4	.041	.093	.440	.334	14	-.135	.077	.150	-.467
5	.051	.090	.454	.276	15	-.170	.084	.055	-.481
6	.037	.087	.414	.269	16	-.200	.092	.053	-.644
7	.013	.088	.408	.513	17	-.204	.104	.094	-.720
8	.012	.082	.352	.600	18	-.209	.108	.095	-.721
9	.067	.079	.359	.403	19	-.232	.116	.098	-.813
10	.035	.070	.282	.412	20	-.242	.116	.097	-.843

DATA FOR PROJECT 6022 CONFIG. X WIND DIR. 35 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.224	.094	.099	-.614	11	1.139	.083	1.297	.913
2	-.221	.083	.199	-.641	12	1.147	.091	1.332	.898
3	-.183	.080	.058	-.578	13	1.141	.087	1.300	.903
4	-.270	.084	.065	-.776	14	1.143	.087	1.316	.908
5	-.182	.072	.054	-.456	15	1.277	.041	1.384	1.110
6	-.178	.068	.058	-.408	16	1.305	.045	1.431	1.109
7	-.147	.061	.058	-.414	17	1.287	.042	1.402	1.107
8	-.255	.078	.032	-.640	18	1.292	.044	1.409	1.106
9	-.150	.049	.020	-.309	19	-.209	.112	.069	-1.050
10	-.145	.050	.023	-.303	20	-.507	.112	.005	-.937

DATA FOR PROJECT 6022 CONFIG. X WIND DIR. 36 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.181	.125	.175	-1.256	11	1.117	.021	1.203	1.040
2	-.162	.099	.107	-.751	12	1.119	.025	1.212	1.032
3	-.162	.081	.145	-.780	13	1.119	.023	1.199	1.032
4	-.175	.082	.095	-.797	14	1.118	.023	1.201	1.029
5	-.105	.069	.102	-.420	15	1.294	.048	1.406	1.091
6	-.101	.066	.085	-.429	16	1.313	.051	1.438	1.066
7	-.067	.067	.186	-.424	17	1.302	.050	1.418	1.084
8	-.161	.076	.072	-.740	18	1.305	.051	1.426	1.083
9	-.078	.052	.091	-.337	19	-.208	.179	.287	-2.132
10	-.076	.052	.085	-.301	20	-.272	.166	.174	-1.440

DATA FOR PROJECT 6022 CONFIG. X WIND DIR. 145 TUBING NO. 1									
TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.101	.041	.029	-.250	11	-.146	.039	-.019	-.285
2	-.073	.040	.066	-.226	12	-.229	.040	-.088	-.378
3	-.098	.041	.070	-.295	13	-.165	.034	-.051	-.270
4	-.184	.047	.008	-.389	14	-.139	.033	-.034	-.236
5	-.120	.047	.189	-.350	15	-.156	.034	-.058	-.265
6	-.090	.055	.358	-.326	16	-.234	.035	-.121	-.368
7	-.107	.066	.327	-.453	17	-.168	.034	-.061	-.280
8	-.188	.075	.277	-.636	18	-.138	.033	-.034	-.256
9	-.117	.074	.339	-.460	19	-.153	.034	-.048	-.285
10	-.093	.068	.308	-.457	20	-.233	.036	-.131	-.378

DATA FOR PROJECT 6022 CONFIG. X WIND DIR. 146 TUBING NO. 1

TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.104	.044	.071	-.277	11	-.109	.043	.032	-.262
2	-.079	.046	.089	-.264	12	-.180	.044	-.024	-.353
3	-.033	.050	.092	-.313	13	-.108	.041	.030	-.247
4	-.165	.056	.063	-.386	14	-.075	.039	.058	-.202
5	-.097	.061	.265	-.462	15	-.089	.039	.032	-.232
6	-.064	.068	.276	-.274	16	-.159	.040	-.035	-.299
7	-.065	.077	.397	-.333	17	-.108	.037	.009	-.247
8	-.135	.086	.403	-.485	18	-.079	.036	.037	-.233
9	-.073	.086	.675	-.329	19	-.096	.037	.021	-.252
10	-.057	.074	.578	-.326	20	-.165	.040	-.046	-.342

DATA FOR PROJECT 6022 CONFIG. Z WIND DIR. 35 TUBING NO. 1

TAP	MEAN	RMS	MAX	MIN	TAP	MEAN	RMS	MAX	MIN
1	-.202	.024	-.116	-.295	11	-.707	.037	-.565	-.828
2	.011	.020	.083	-.064	12	-.714	.036	-.585	-.818
3	.180	.017	.241	.120	13	-.713	.034	-.589	-.815
4	.318	.016	.372	.264	14	-.713	.033	-.591	-.806
5	.458	.015	.509	.405	15	-.714	.031	-.622	-.823
6	.581	.015	.640	.522	16	-.726	.032	-.637	-.833
7	.729	.018	.785	.676	17	-.724	.035	-.603	-.862
8	.851	.018	.902	.772	18	-.721	.036	-.615	-.868
9	.942	.017	.994	.841	19	-.712	.035	-.561	-.840
10	.973	.015	1.018	.888	20	-.719	.038	-.543	-.876

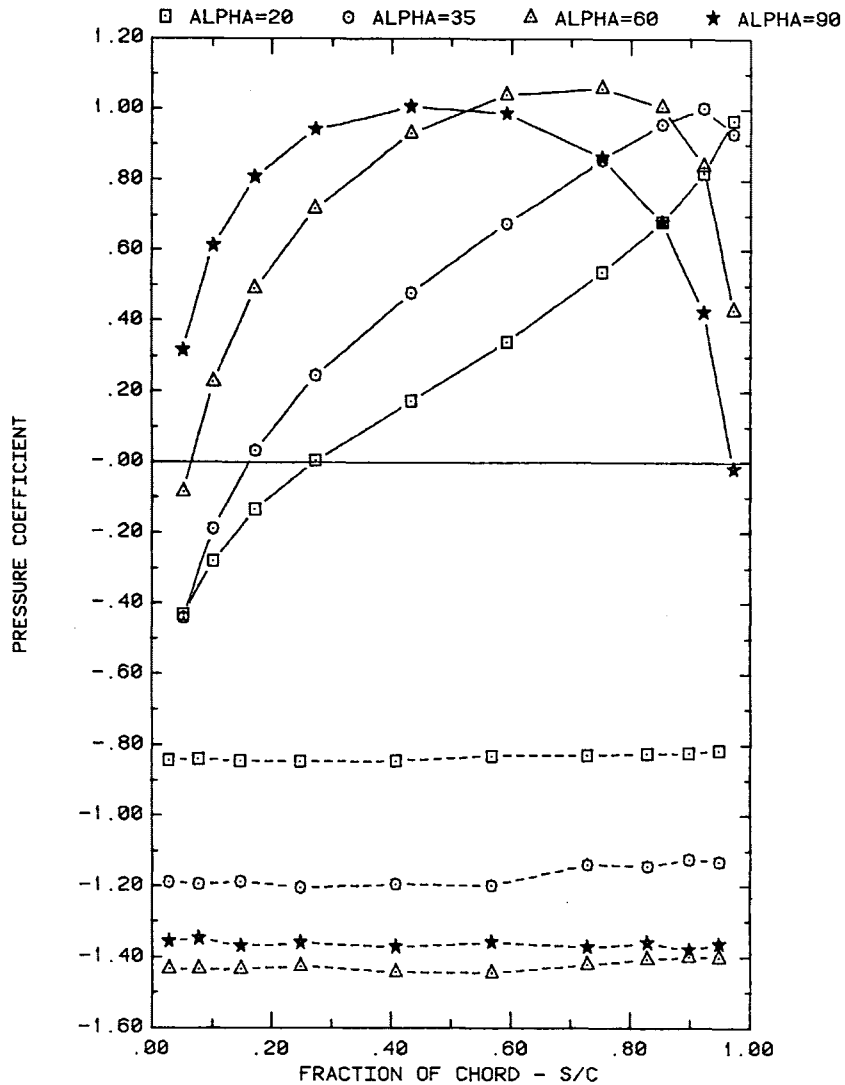
APPENDIX C

Plots of Pressure Distribution along Chord of Solar Array

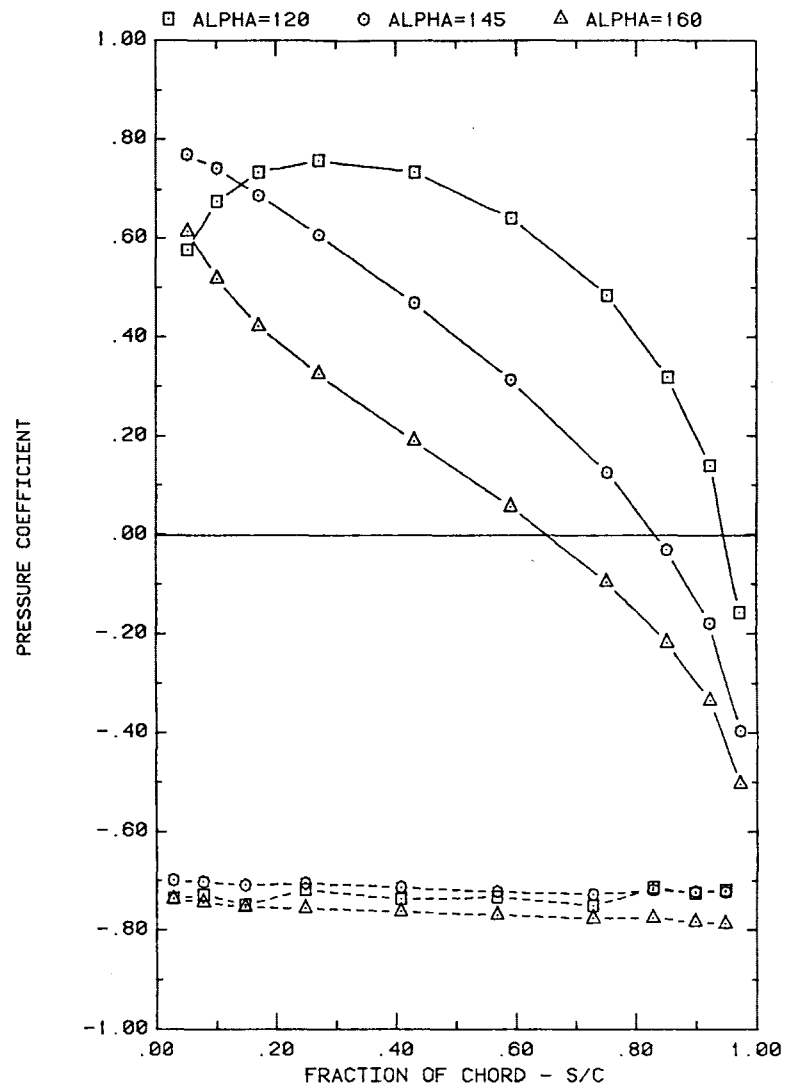
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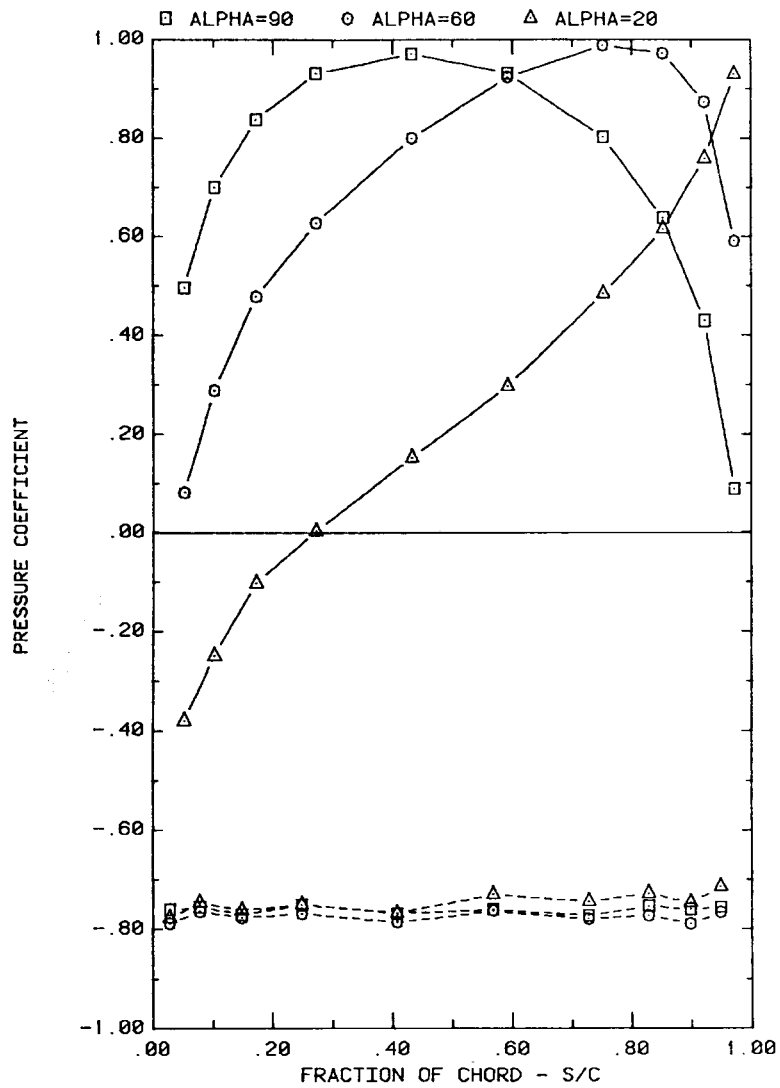


FRONT AND BACK PRESSURES ON A SINGLE ARRAY IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR GROUND CLEARANCE, $H/C = \text{INFINITY}$

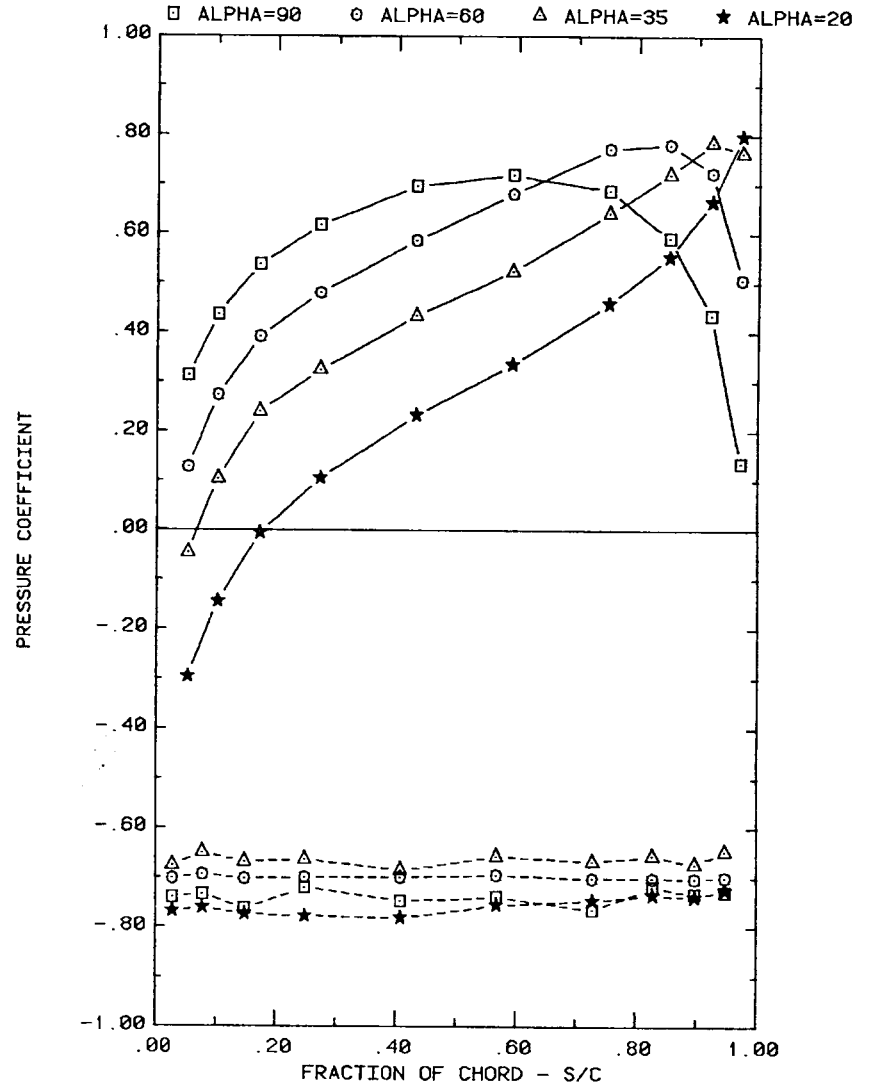


FRONT AND BACK PRESSURES ON A SINGLE ARRAY IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR GROUND CLEARANCE, $H/C = 0.25$

Plot 1-1. Single Array, Uniform Flow Study Effects of Angle of Attack and Ground Clearance

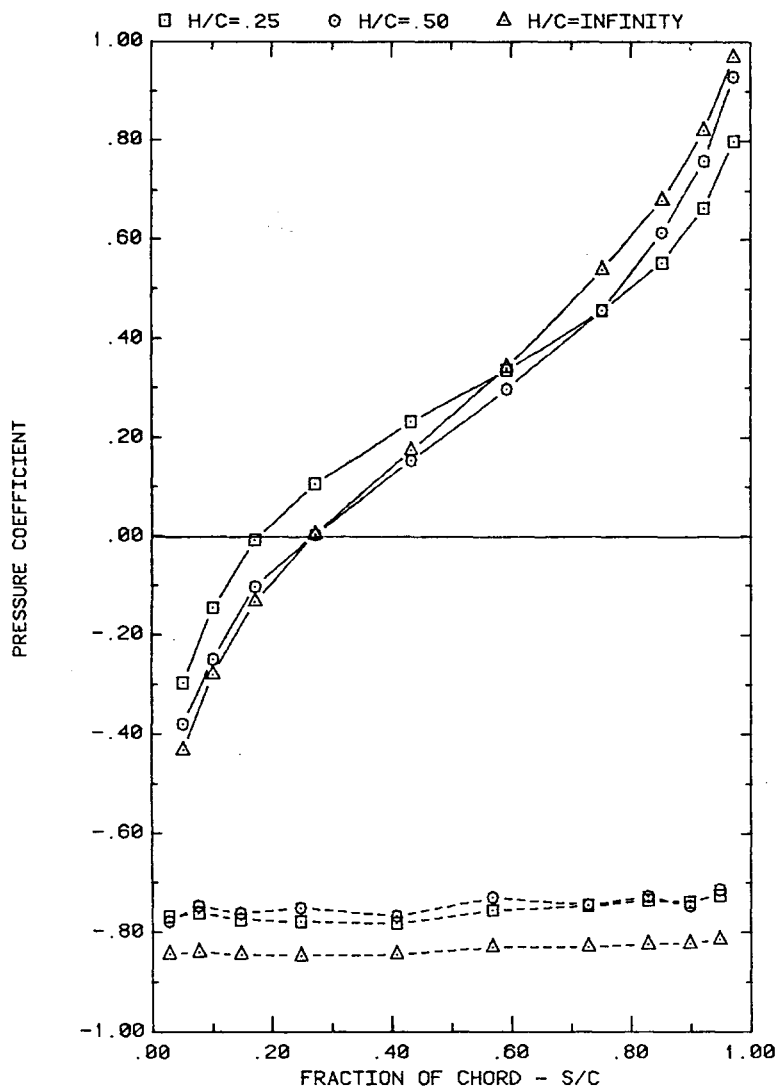


FRONT AND BACK PRESSURES ON A SINGLE ARRAY IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR GROUND CLEARANCE, $H/C = 0.50$

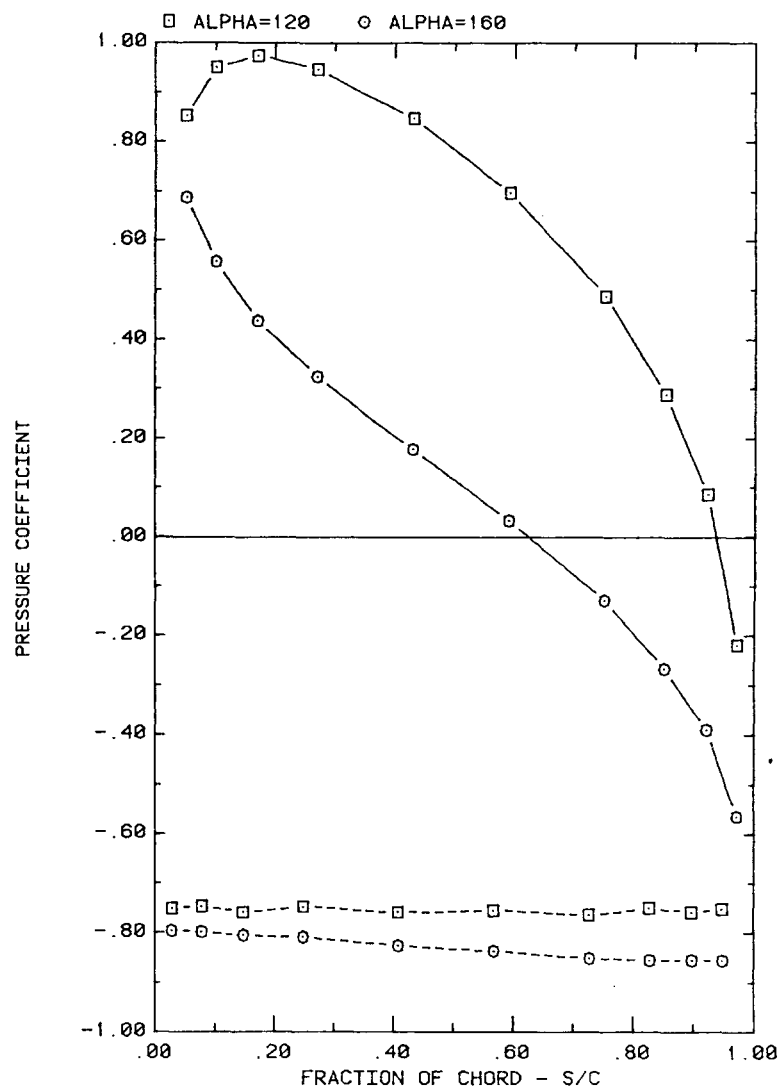


FRONT AND BACK PRESSURES ON A SINGLE ARRAY IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR GROUND CLEARANCE, $H/C = 0.25$

Plot 1-1. (Continued)

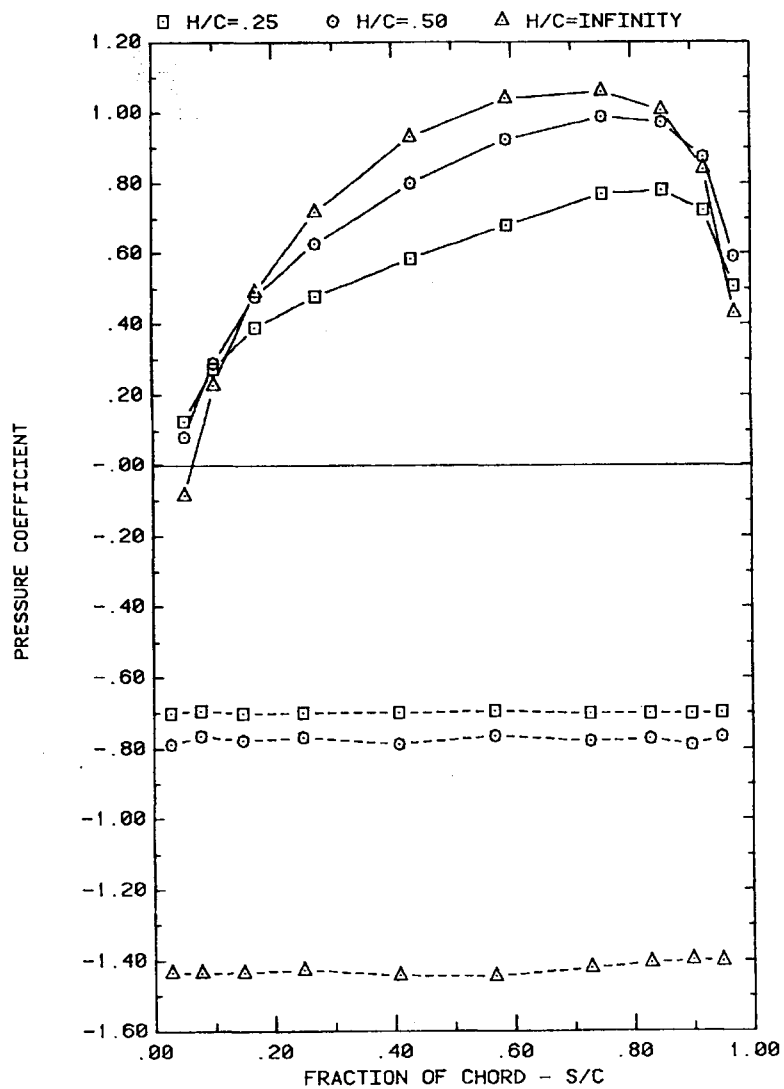


FRONT AND BACK PRESSURES ON A SINGLE ARRAY IN UNIFORM FLOW
EFFECT OF GROUND CLEARANCE FOR ATTACK ANGLE, ALPHA = 20

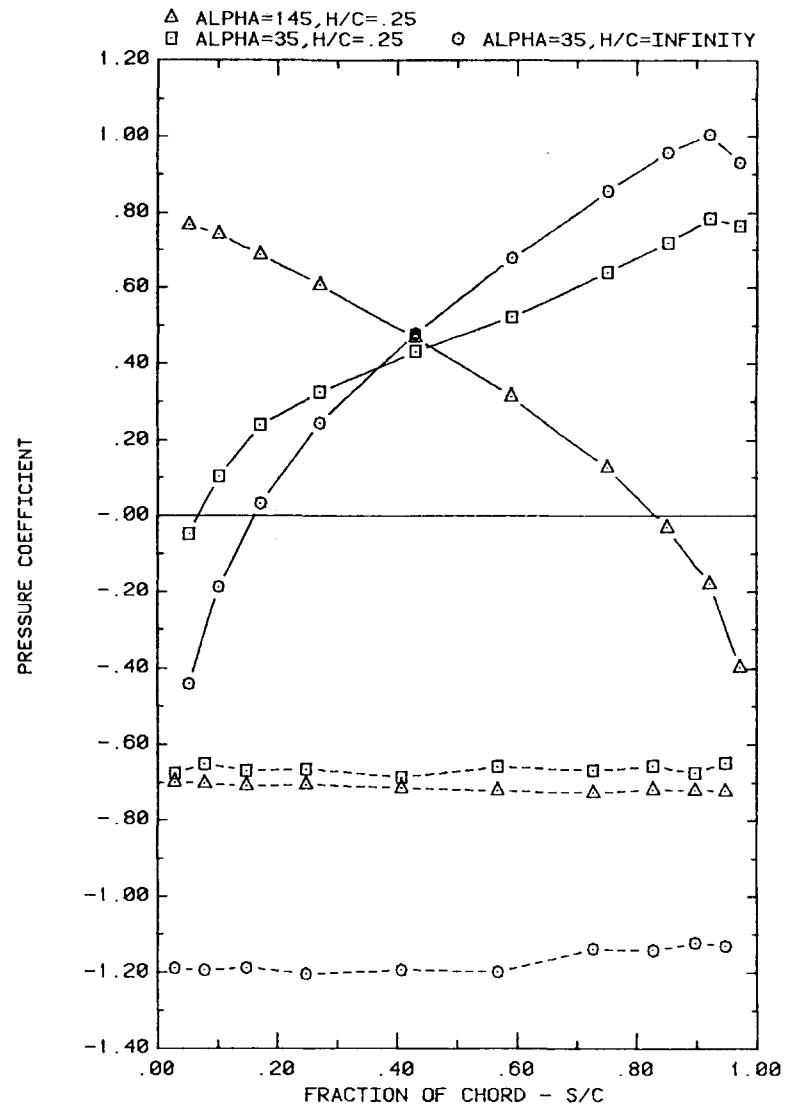


FRONT AND BACK PRESSURES ON A SINGLE ARRAY IN UNIFORM FLOW
EFFECT ON ATTACK ANGLE FOR GROUND CLEARANCE, H/C = 0.50

Plot 1-1. (Continued)

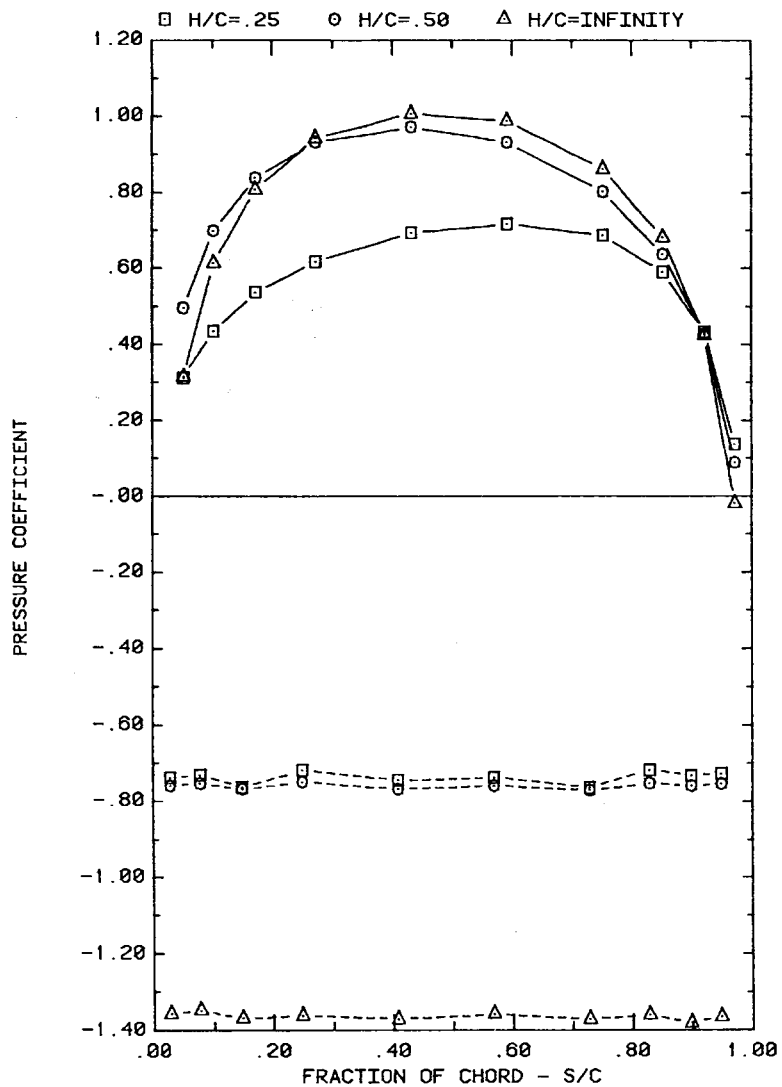


FRONT AND BACK PRESSURES ON A SINGLE ARRAY IN UNIFORM FLOW
EFFECT OF GROUND CLEARANCE FOR ATTACK ANGLE, ALPHA = 60

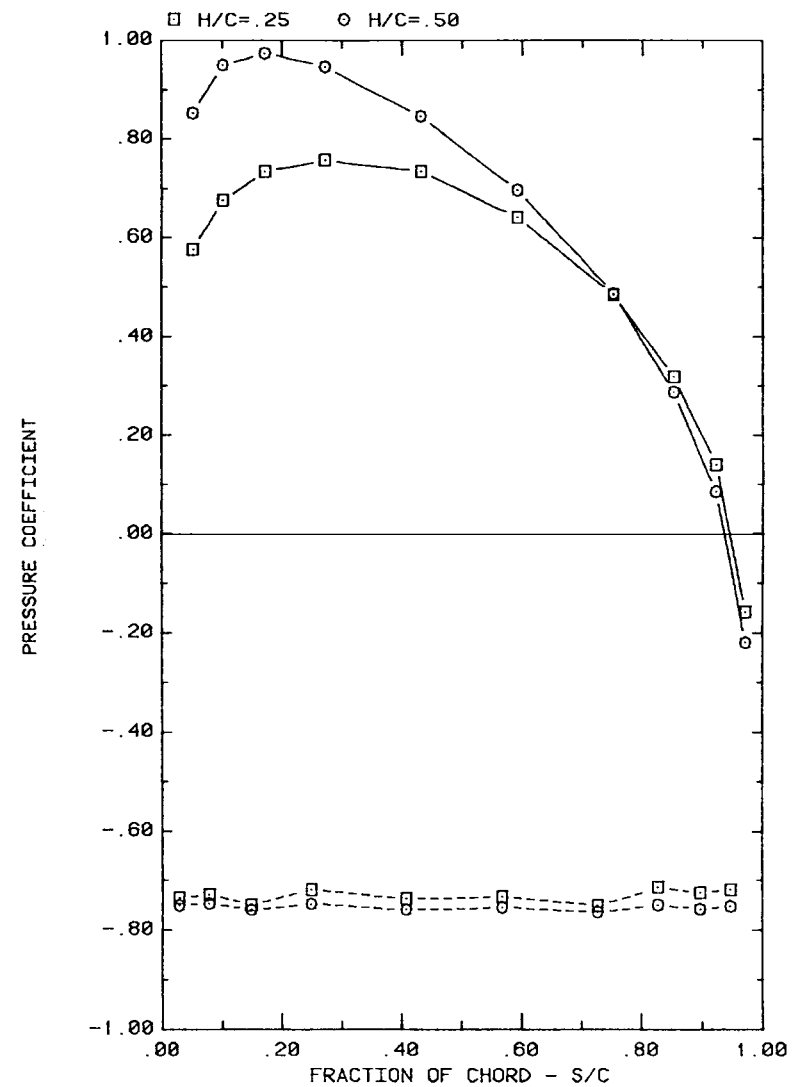


FRONT AND BACK PRESSURES ON A SINGLE ARRAY IN UNIFORM FLOW
EFFECT OF GROUND CLEARANCE FOR ATTACK ANGLES

Plot 1-1. (Continued)

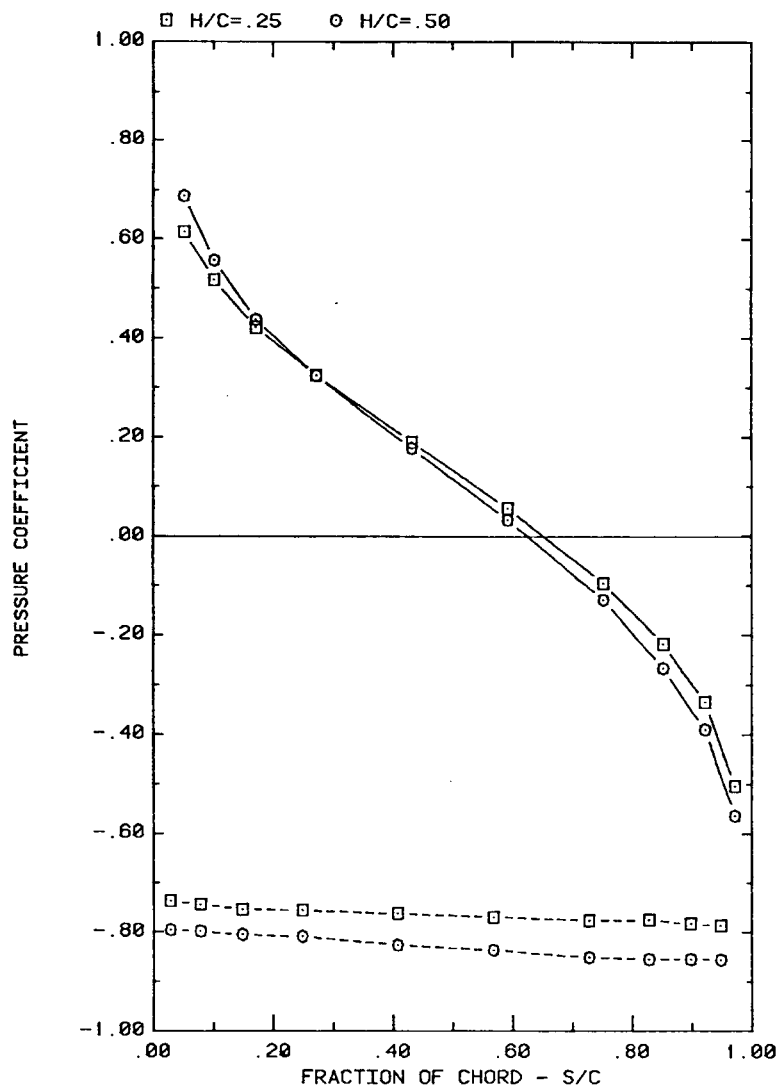


FRONT AND BACK PRESSURES ON A SINGLE ARRAY IN UNIFORM FLOW
EFFECT OF GROUND CLEARANCE FOR ATTACK ANGLE, $\alpha = 90$



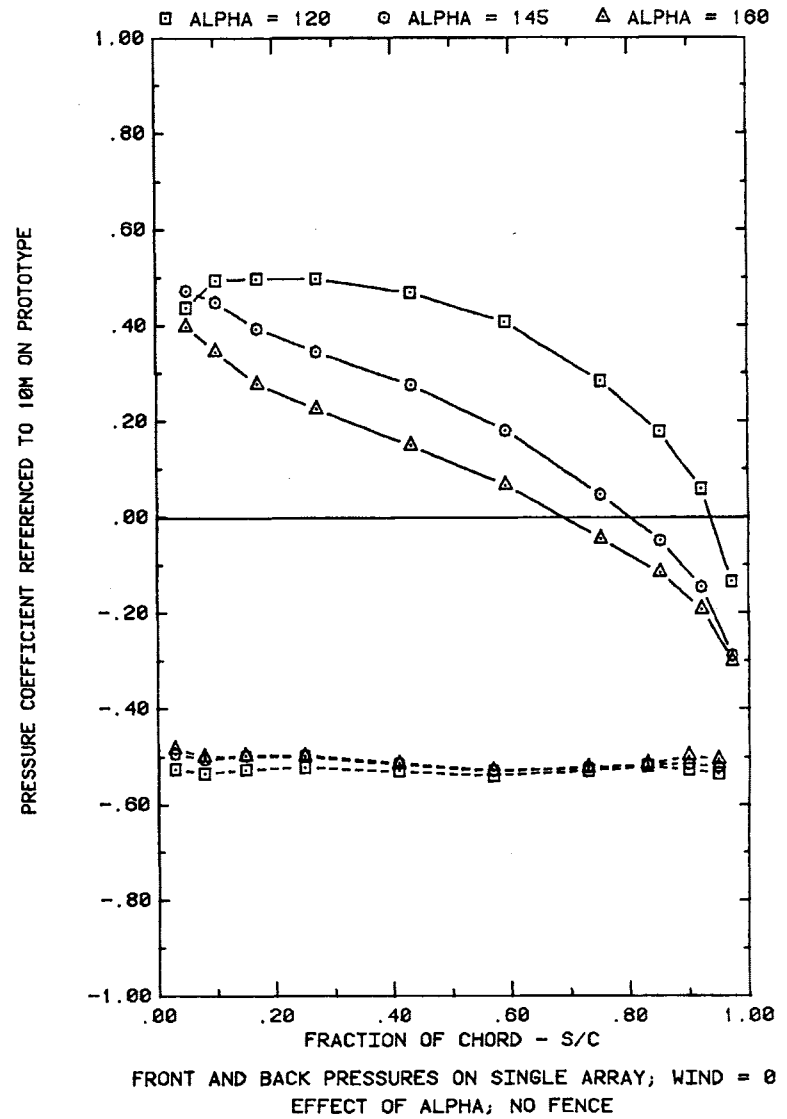
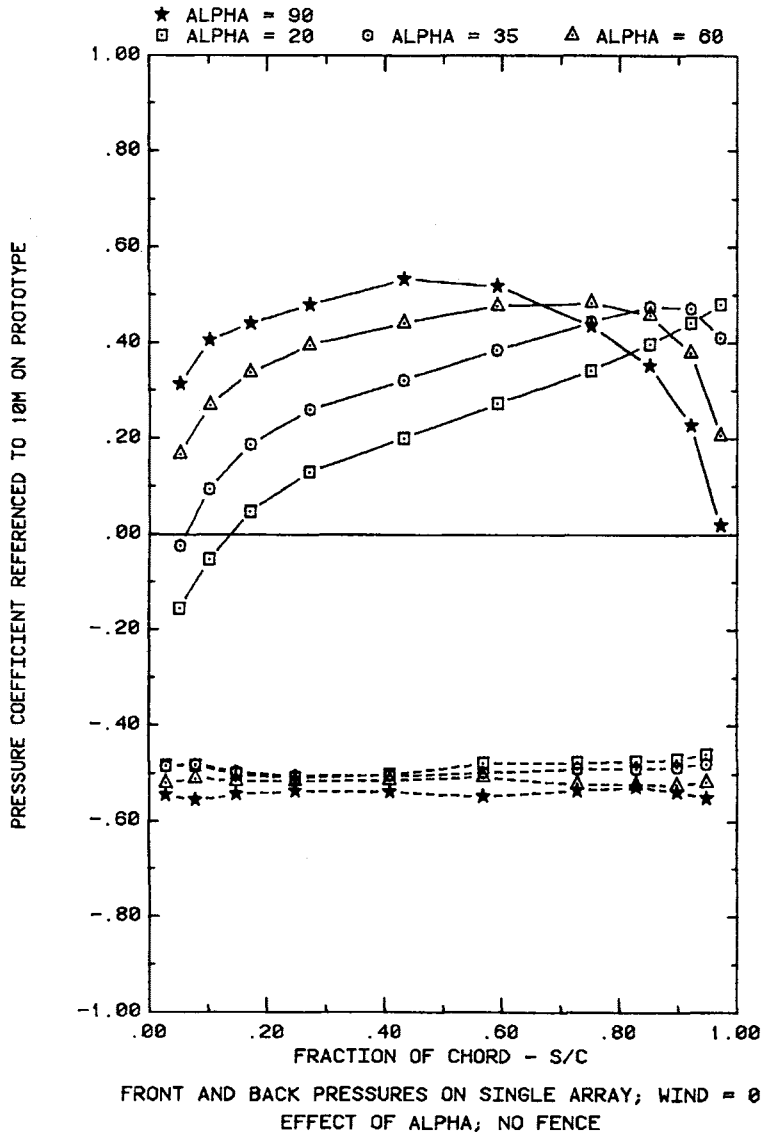
FRONT AND BACK PRESSURES ON A SINGLE ARRAY IN UNIFORM FLOW
EFFECT OF GROUND CLEARANCE FOR ATTACK ANGLE, $\alpha = 120$

Plot 1-1. (Continued)

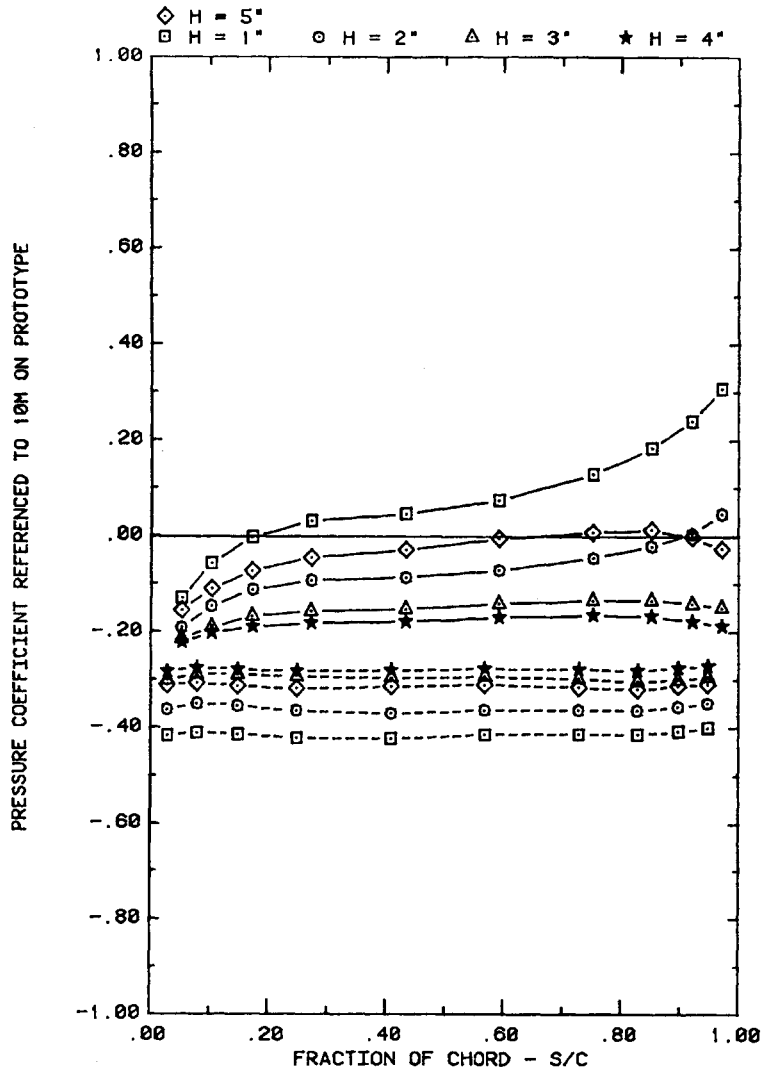


FRONT AND BACK PRESSURES ON A SINGLE ARRAY IN UNIFORM FLOW
EFFECT OF GROUND CLEARANCE FOR ATTACK ANGLE, ALPHA = 160

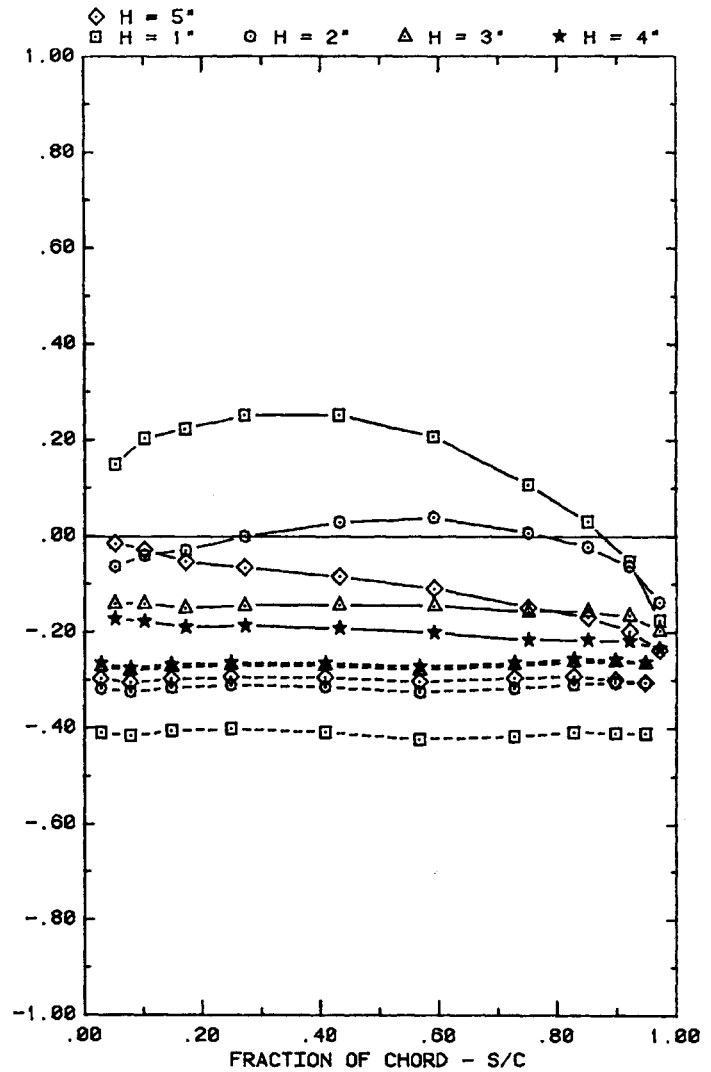
Plot 1-1. (Concluded)



Plot 1-2. Single Array, Nonuniform Flow Study Effects of Angle of Attack and Fence Height

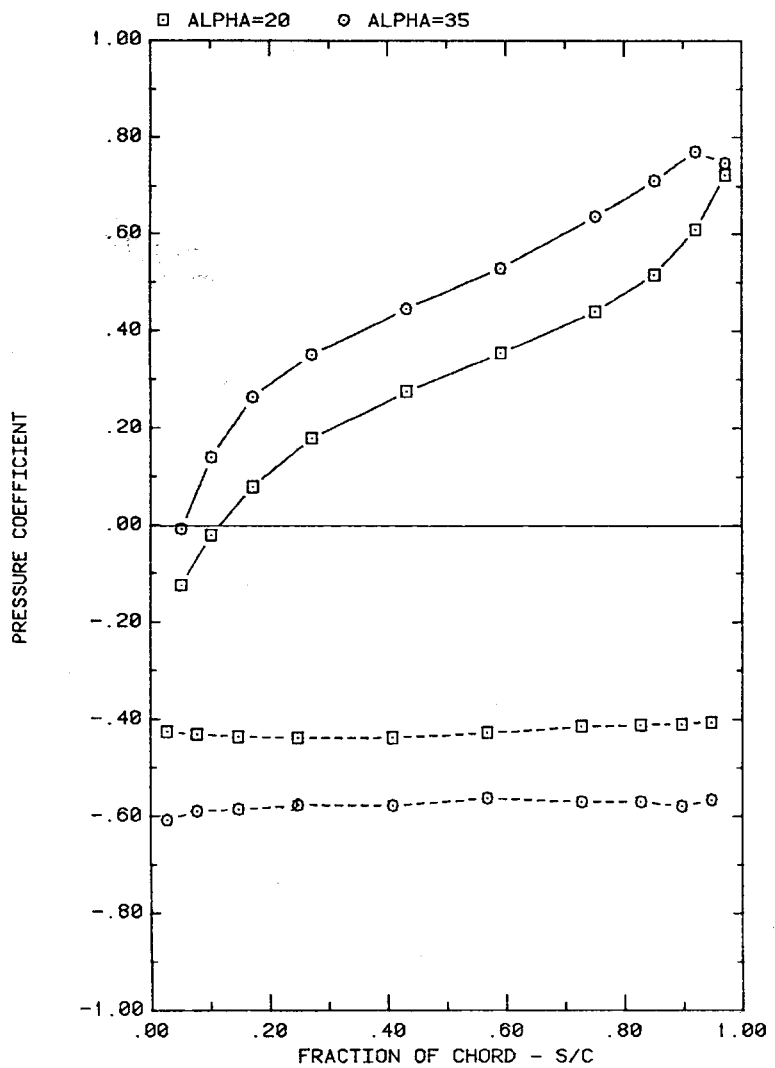


FRONT AND BACK PRESSURES ON SINGLE ARRAY; WIND = 0
EFFECT OF FENCE HEIGHT; ALPHA = 35, D = 10, P = 30%

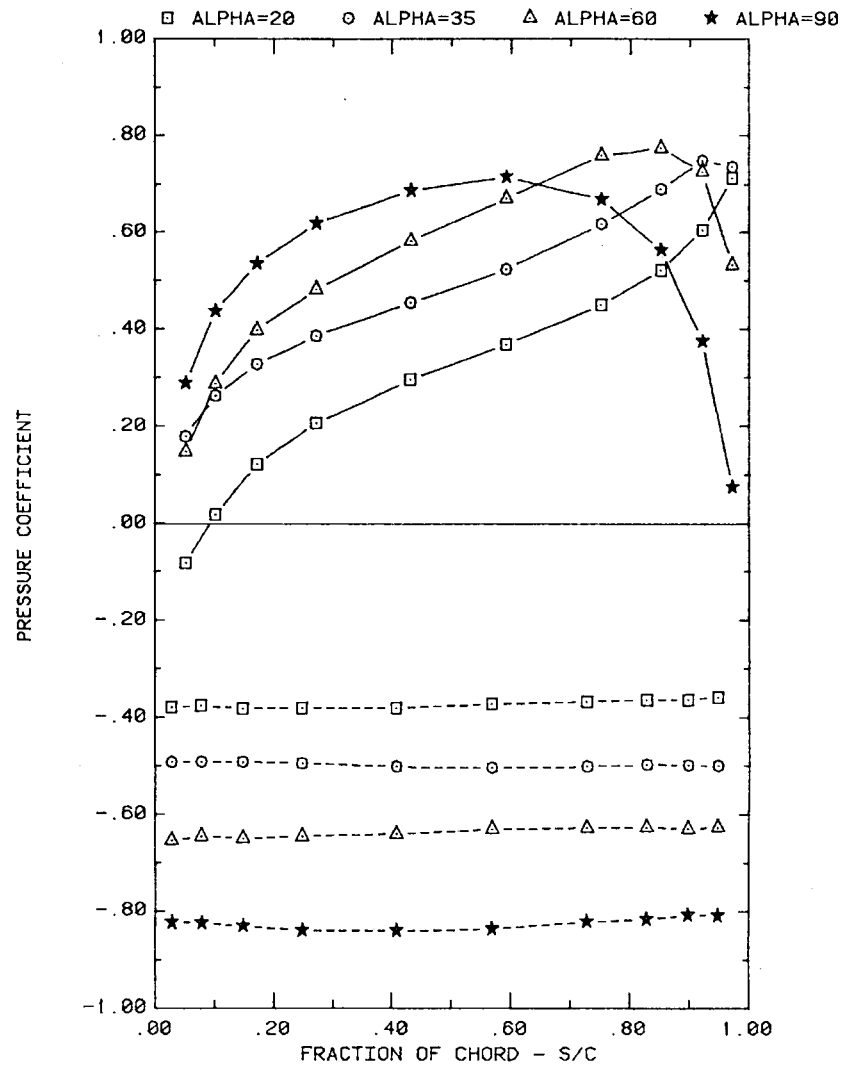


FRONT AND BACK PRESSURES ON SINGLE ARRAY; WIND = 0
EFFECT OF FENCE HEIGHT; ALPHA = 145, D = 10, P = 30%

Plot 1-2. (Concluded)

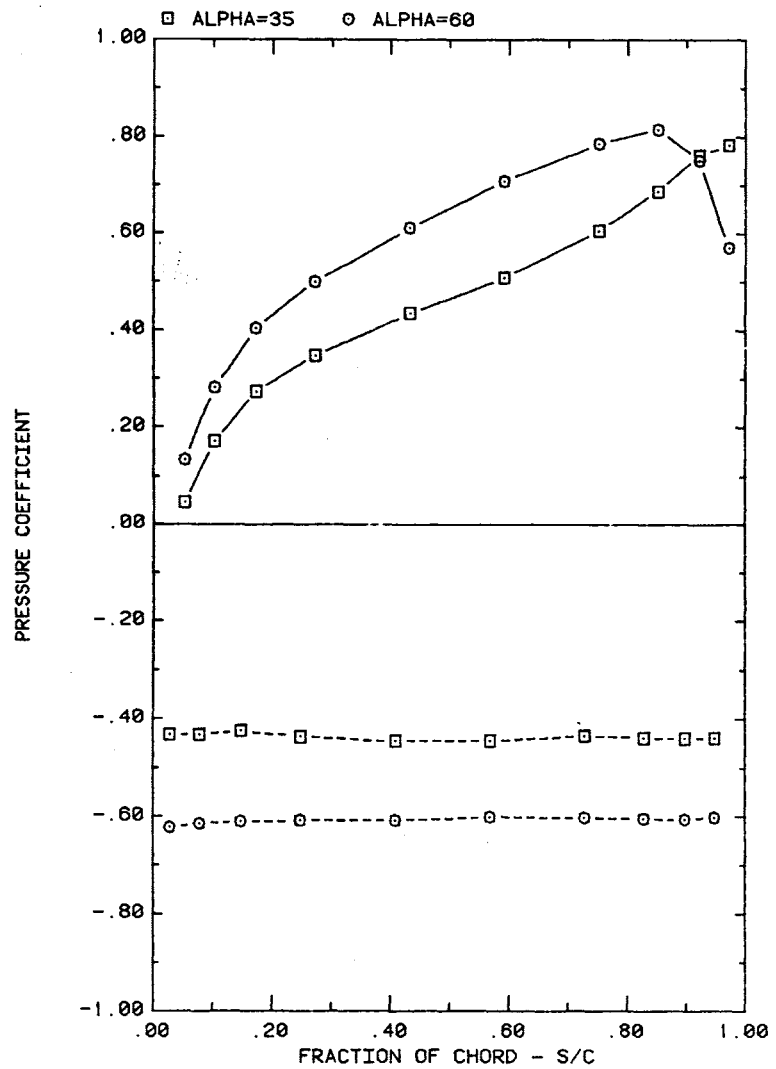


FRONT AND BACK PRESSURES ON ARRAY #1 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 1.5C

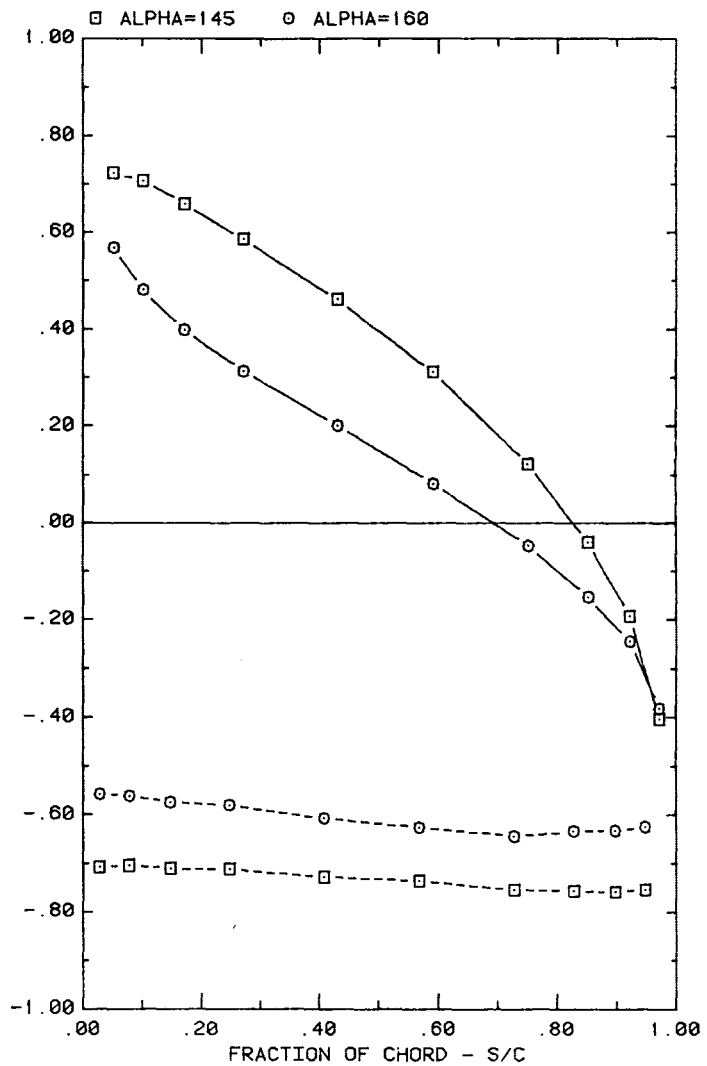


FRONT AND BACK PRESSURES ON ARRAY #1 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 2C

Plot 2-1-1. Multiple Arrays without Fence, Uniform Flow Study
Effect of Angle of Attack

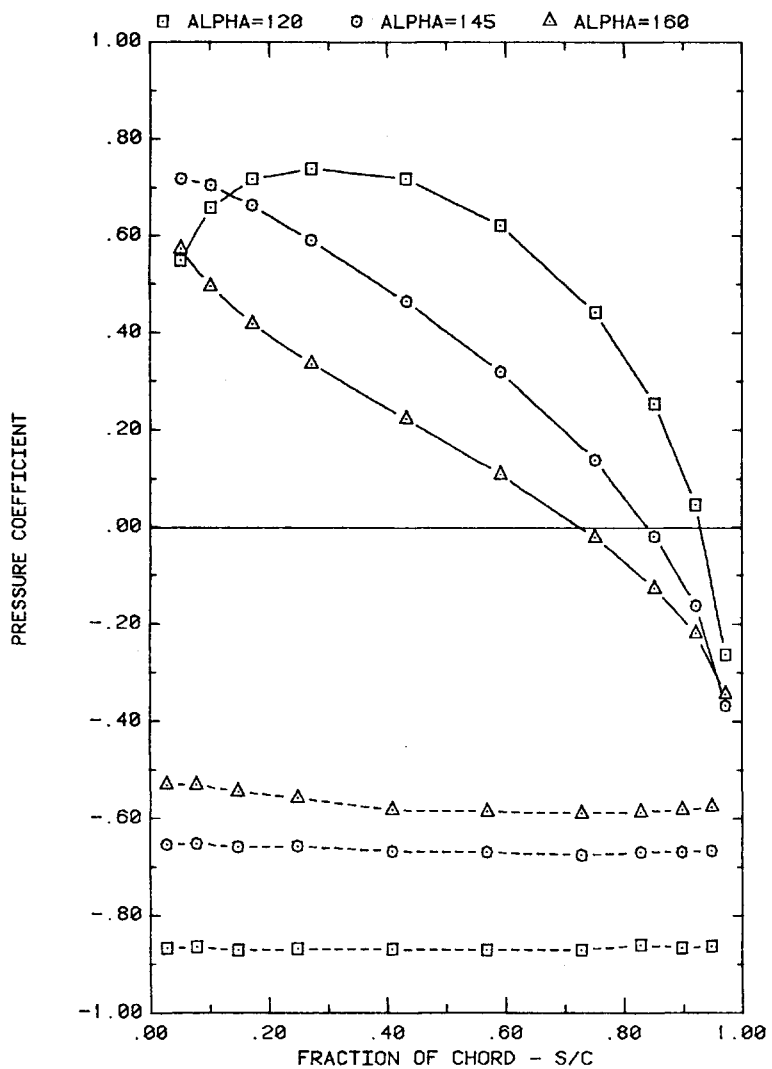


FRONT AND BACK PRESSURES ON ARRAY #1 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 3C

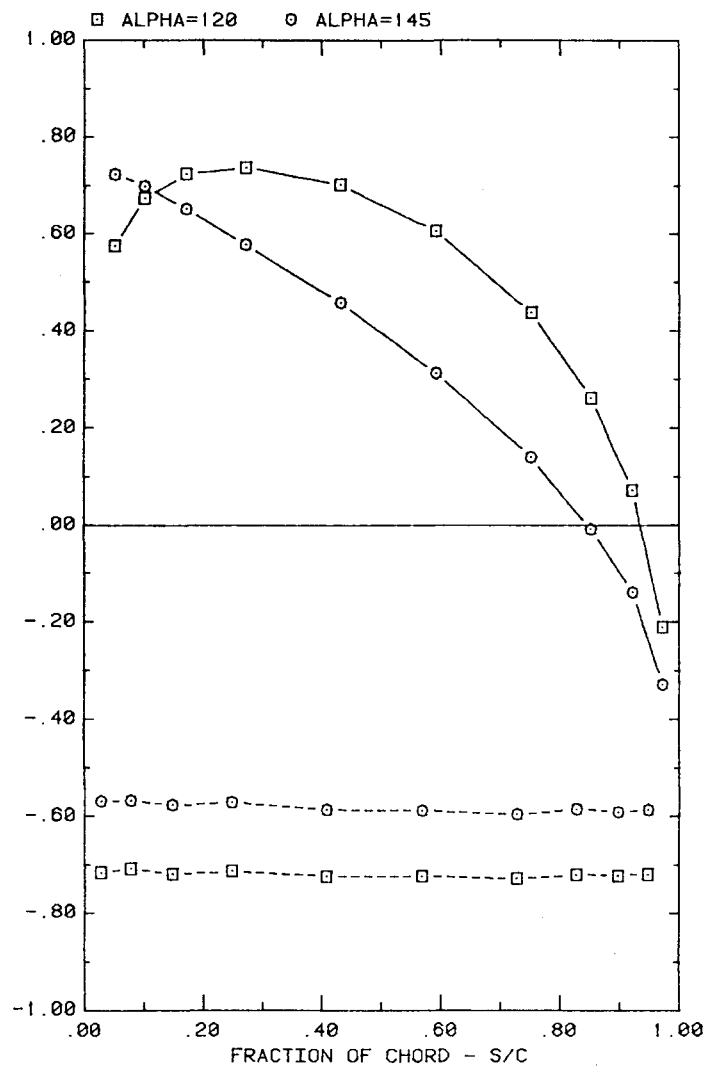


FRONT AND BACK PRESSURES ON ARRAY #1 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 1.5C

Plot 2-1-1. (Continued)

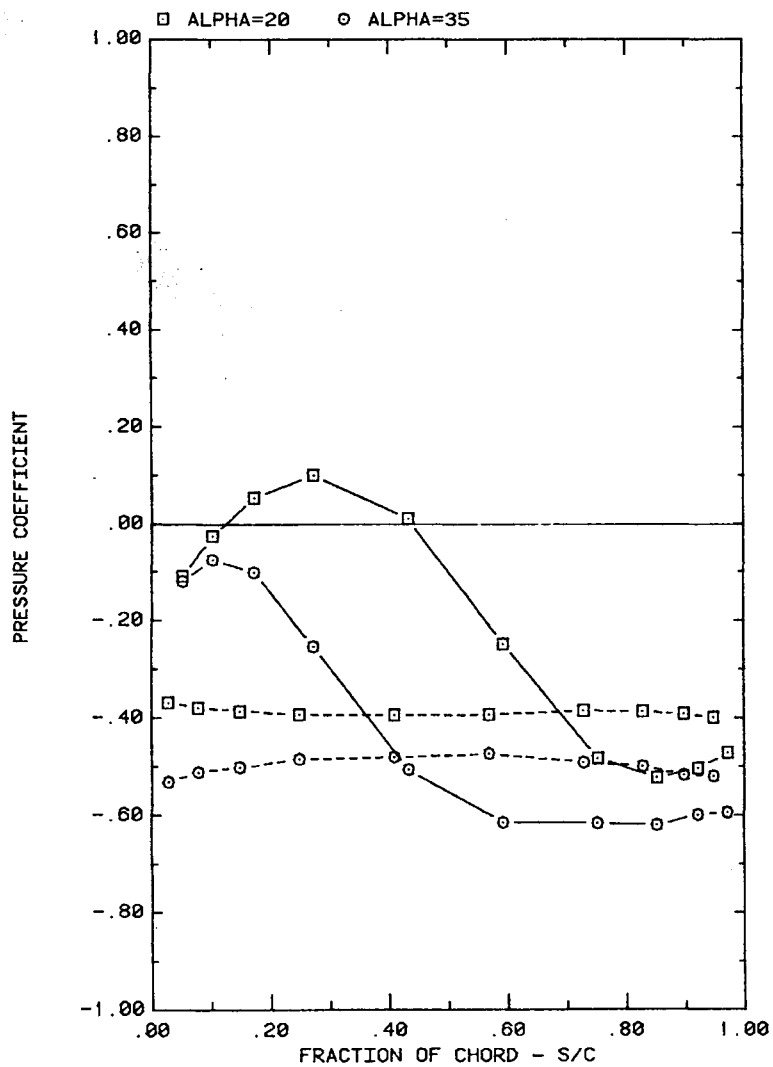


FRONT AND BACK PRESSURES ON ARRAY #1 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 2C

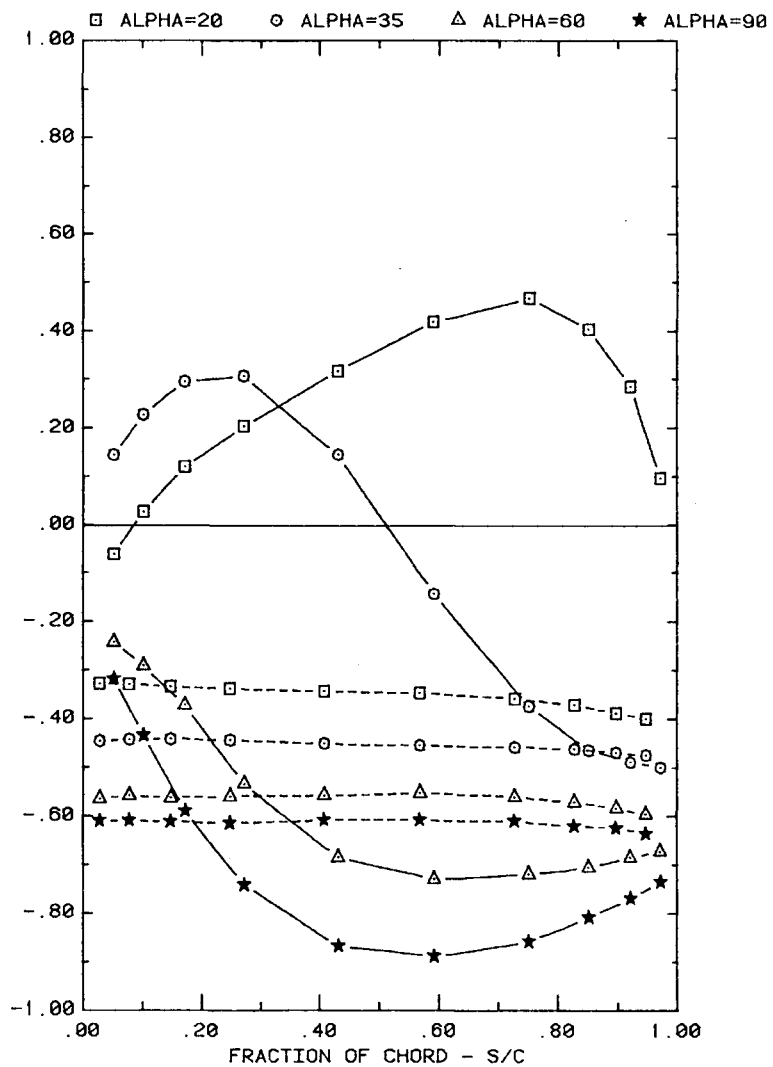


FRONT AND BACK PRESSURES ON ARRAY #1 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 3C

Plot 2-1-1. (Continued)

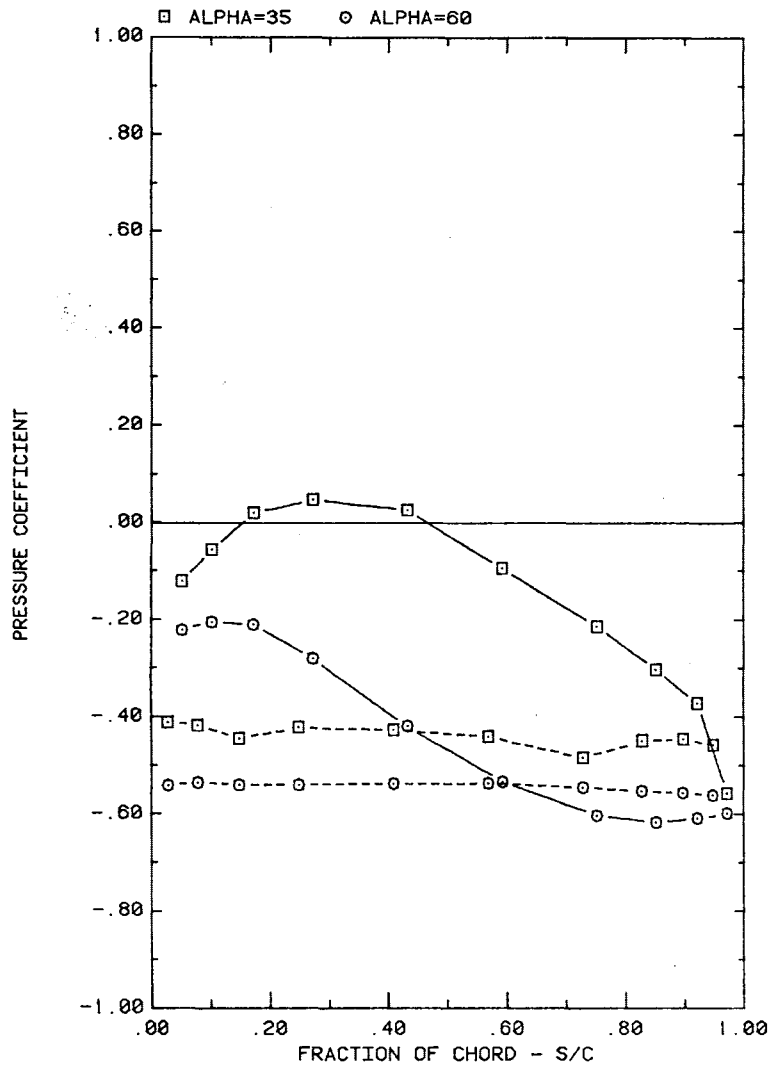


FRONT AND BACK PRESSURES ON ARRAY #2 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 1.5C

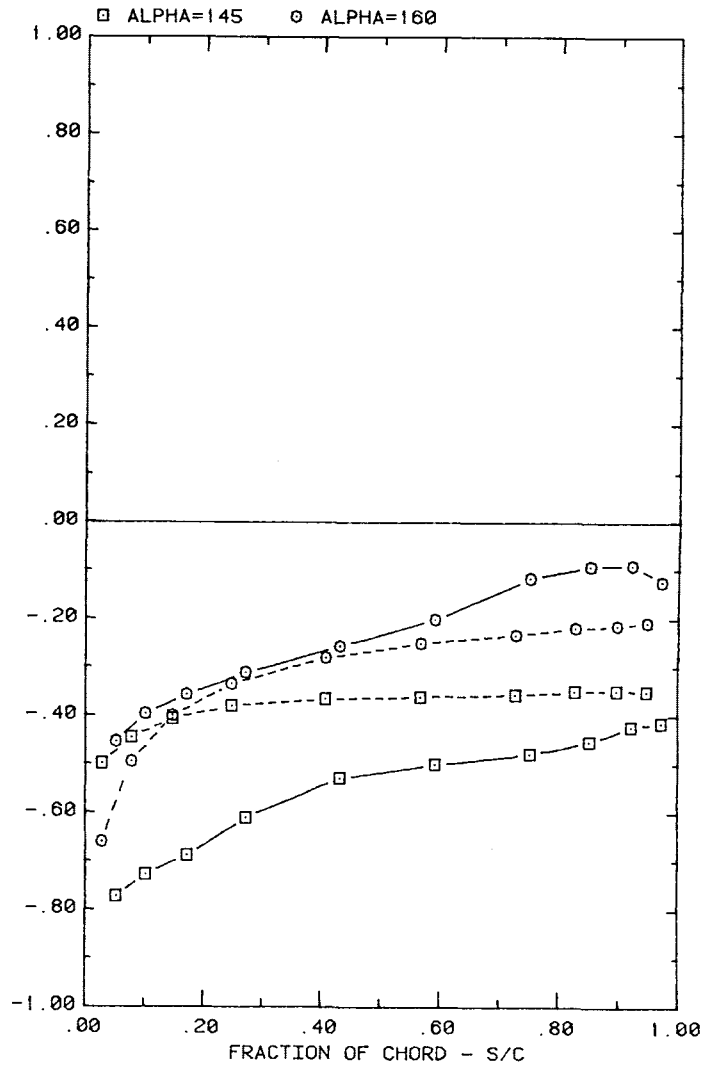


FRONT AND BACK PRESSURES ON ARRAY #2 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 2C

Plot 2-1-1. (Continued)

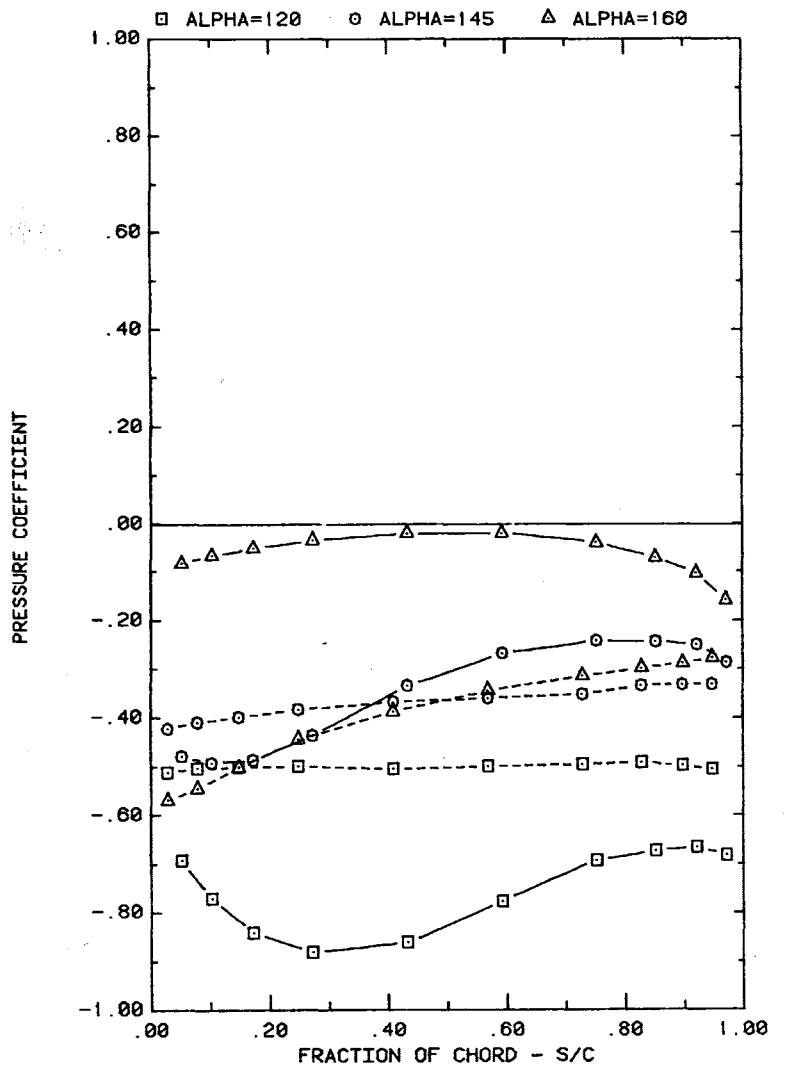


FRONT AND BACK PRESSURES ON ARRAY #2 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 3C

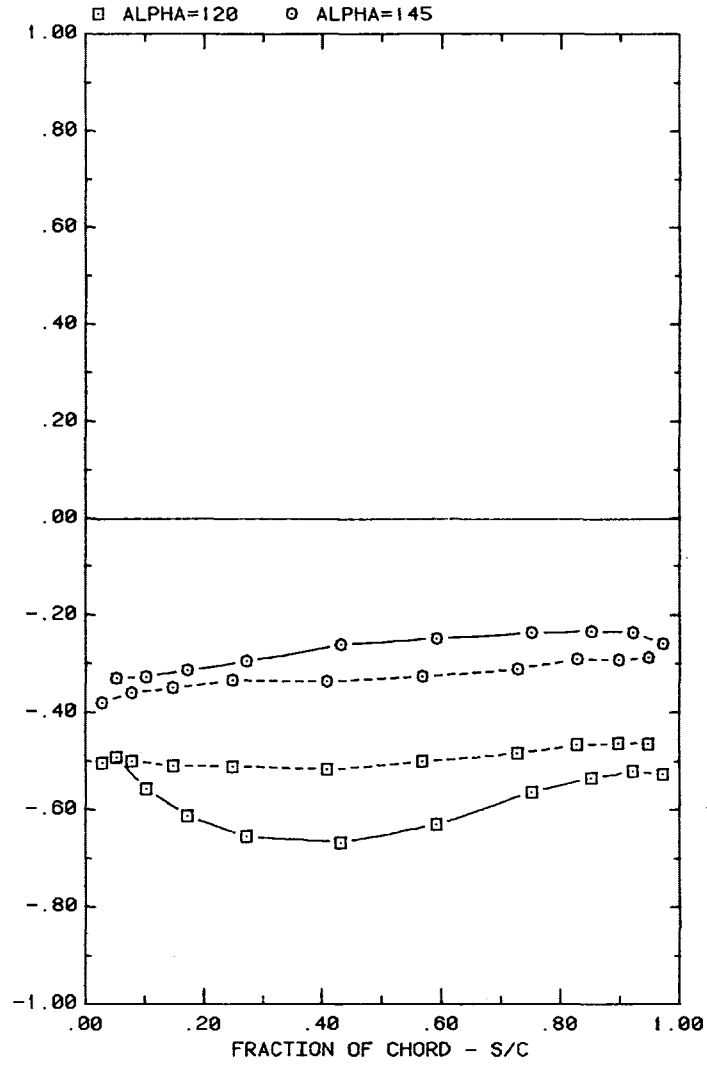


FRONT AND BACK PRESSURES ON ARRAY #2 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 1.5C

Plot 2-1-1. (Continued)

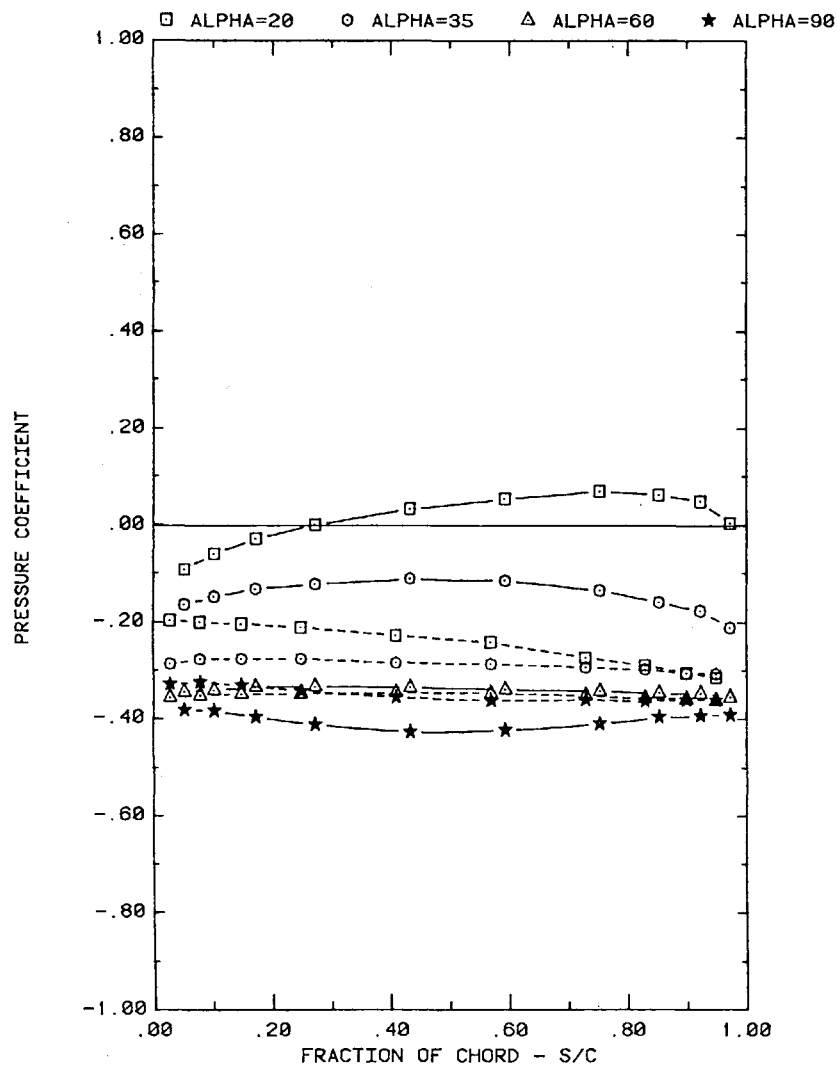


FRONT AND BACK PRESSURES ON ARRAY #2 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 2C

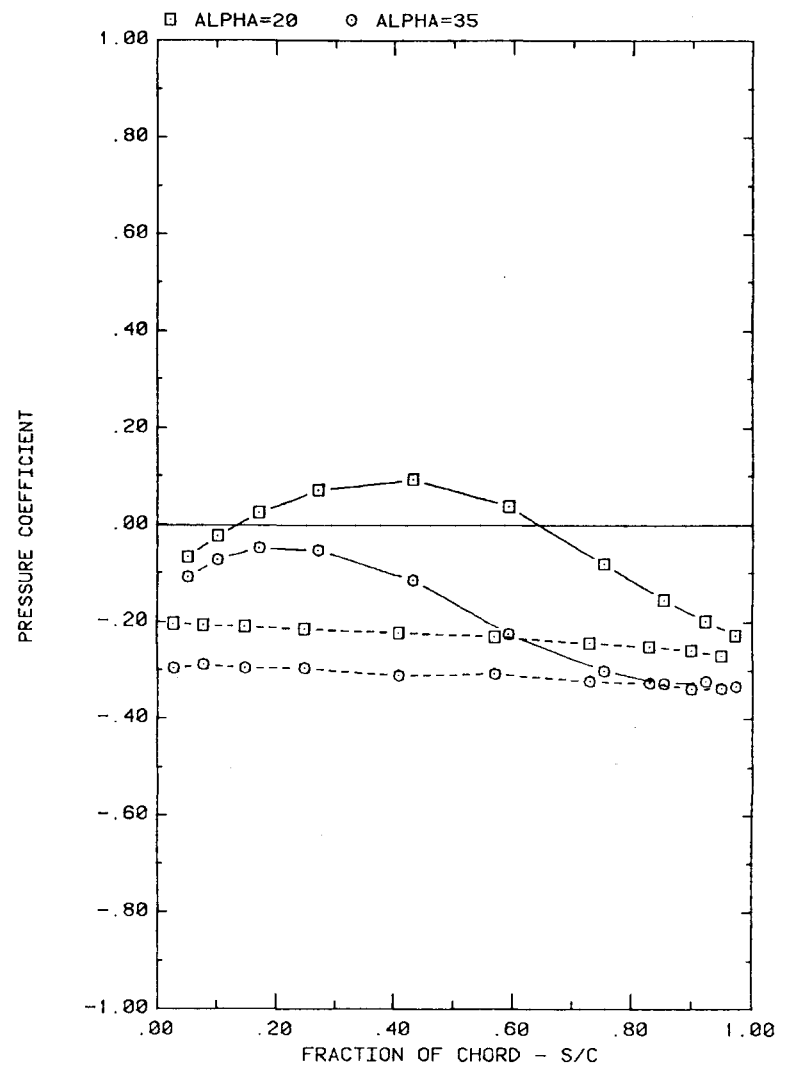


FRONT AND BACK PRESSURES ON ARRAY #2 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 3C

Plot 2-1-1. (Continued)

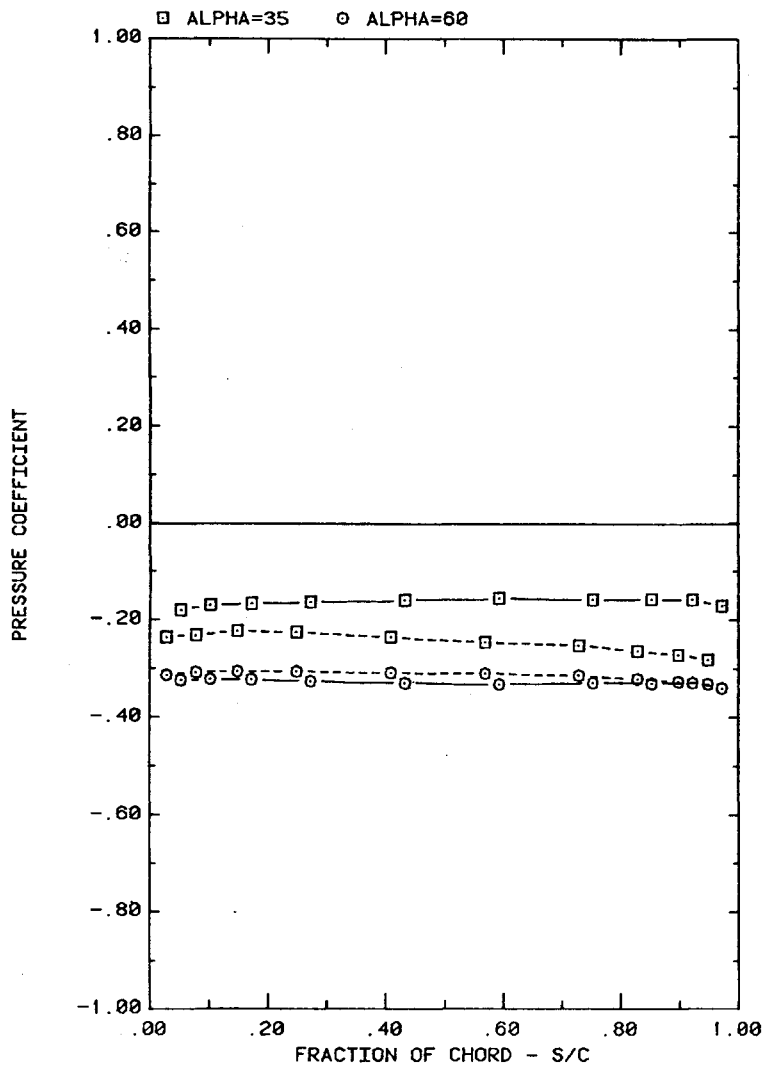


FRONT AND BACK PRESSURES ON ARRAY #5 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 2C

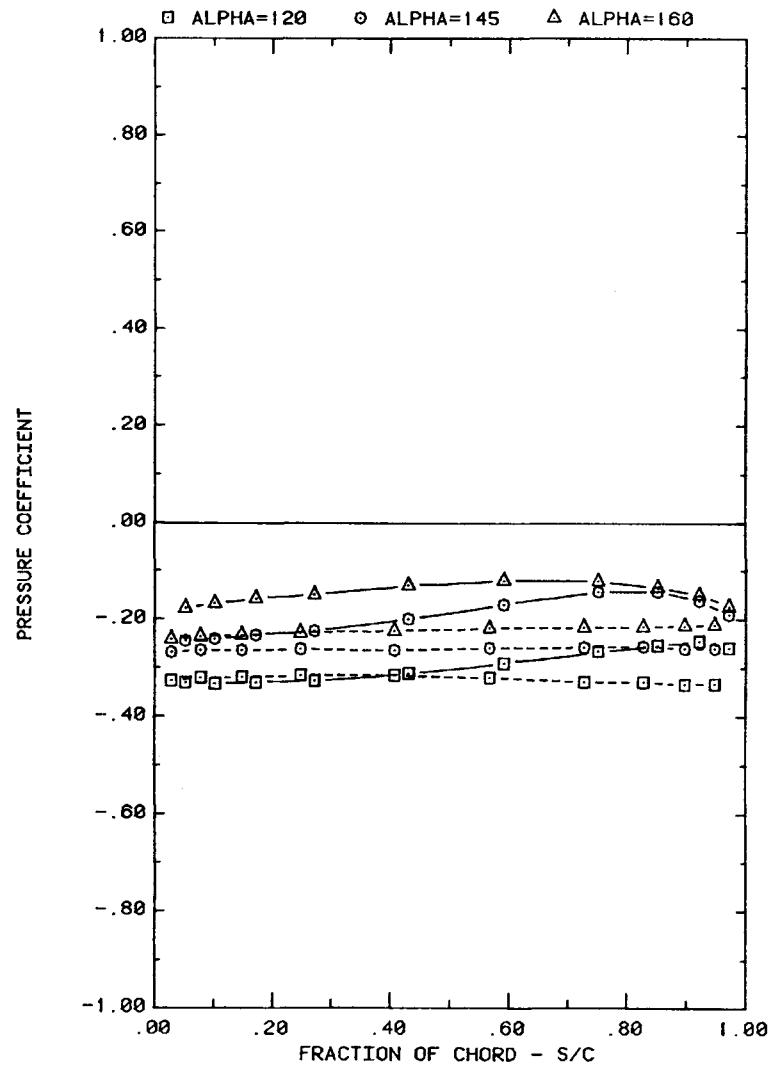


FRONT AND BACK PRESSURES ON ARRAY #5 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 1.5C

Plot 2-1-1. (Continued)

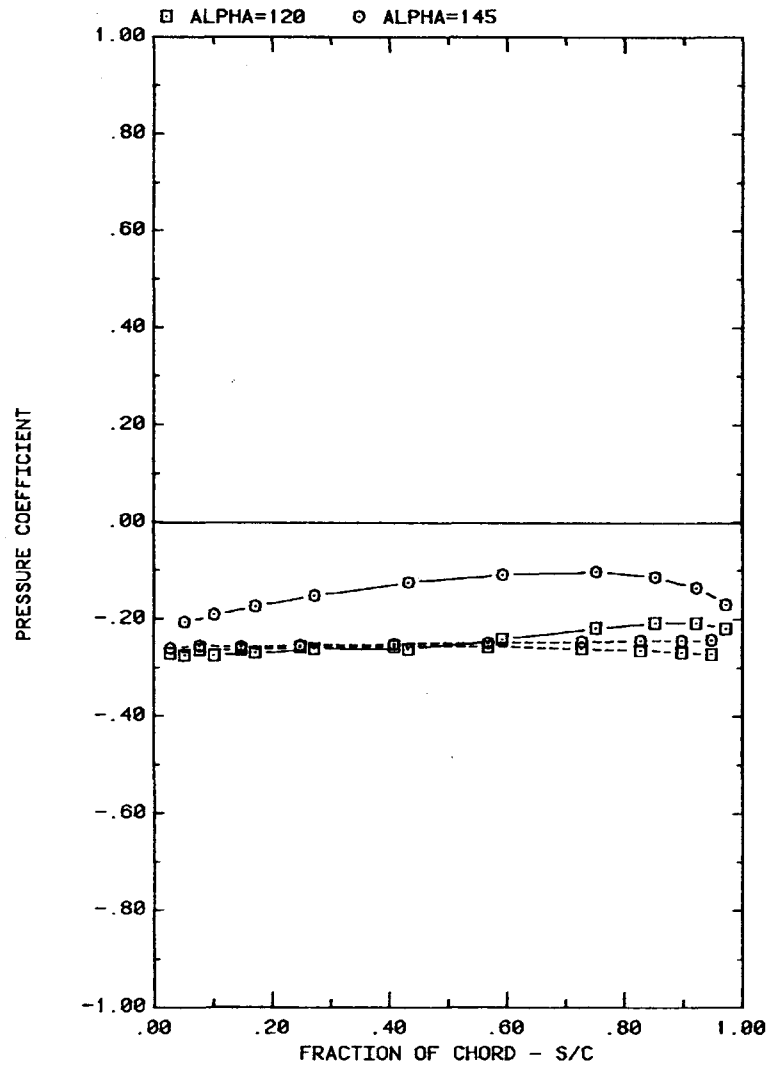


FRONT AND BACK PRESSURES ON ARRAY #4 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 3C



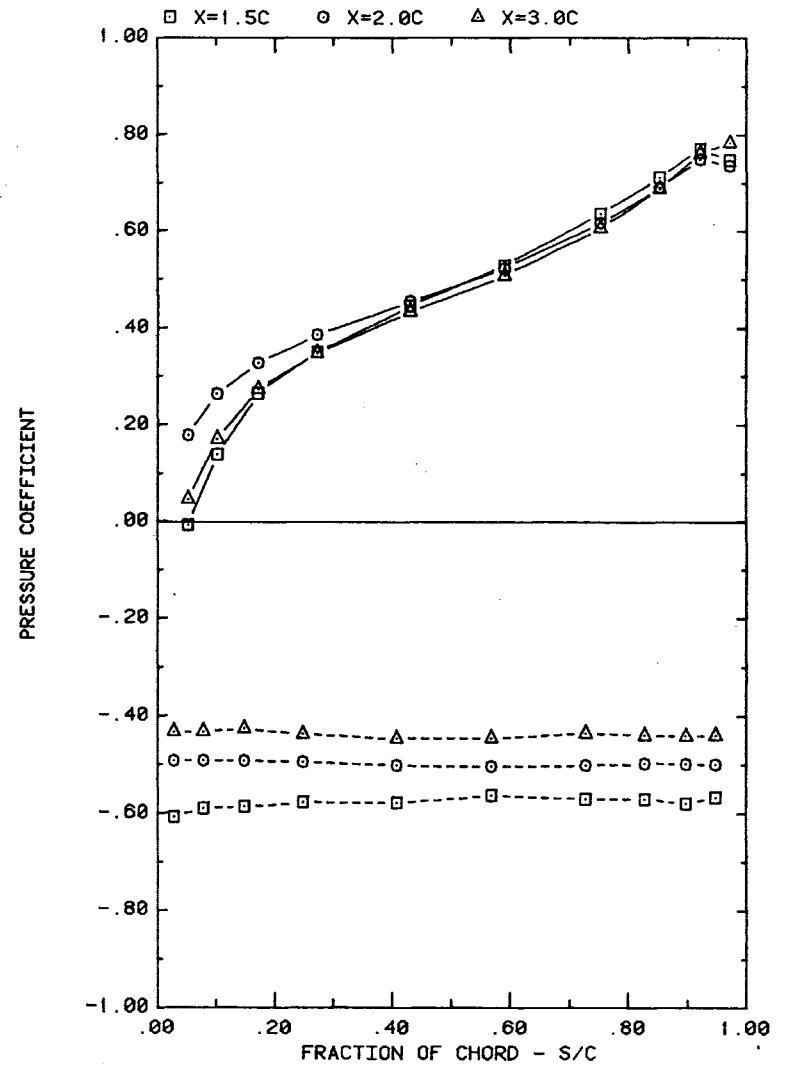
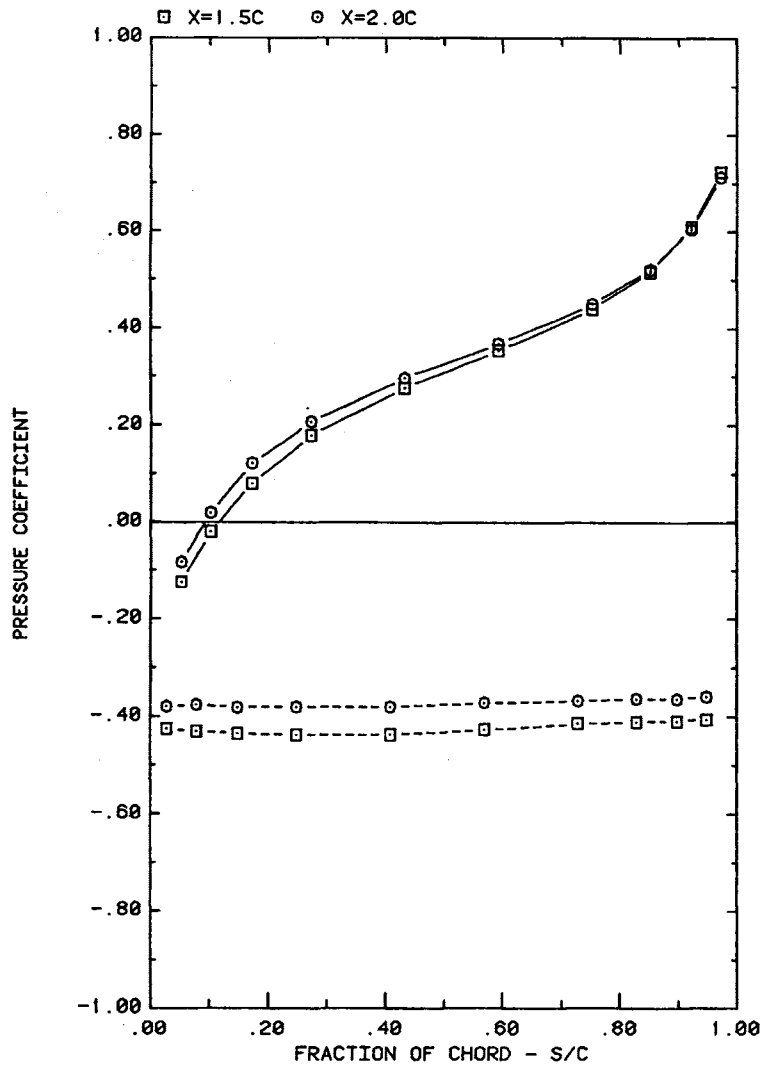
FRONT AND BACK PRESSURES ON ARRAY #5 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 2C

Plot 2-1-1. (Continued)

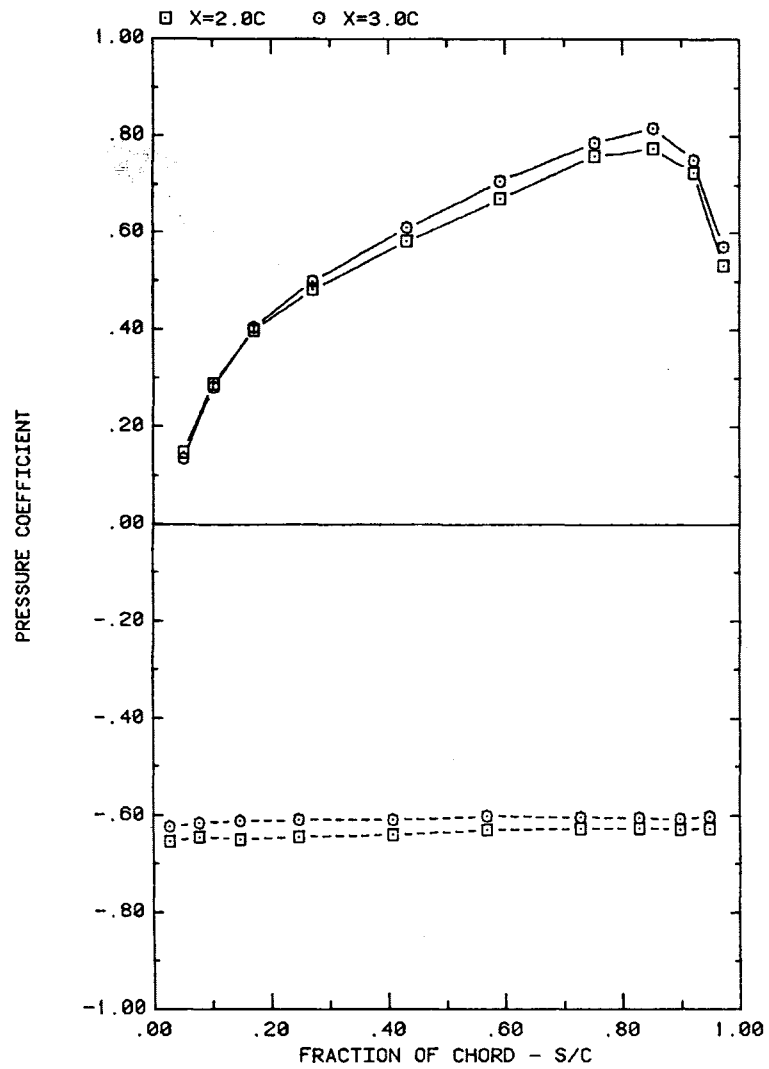


FRONT AND BACK PRESSURES ON ARRAY #4 IN UNIFORM FLOW
EFFECT OF ATTACK ANGLE FOR SPACING = 3C

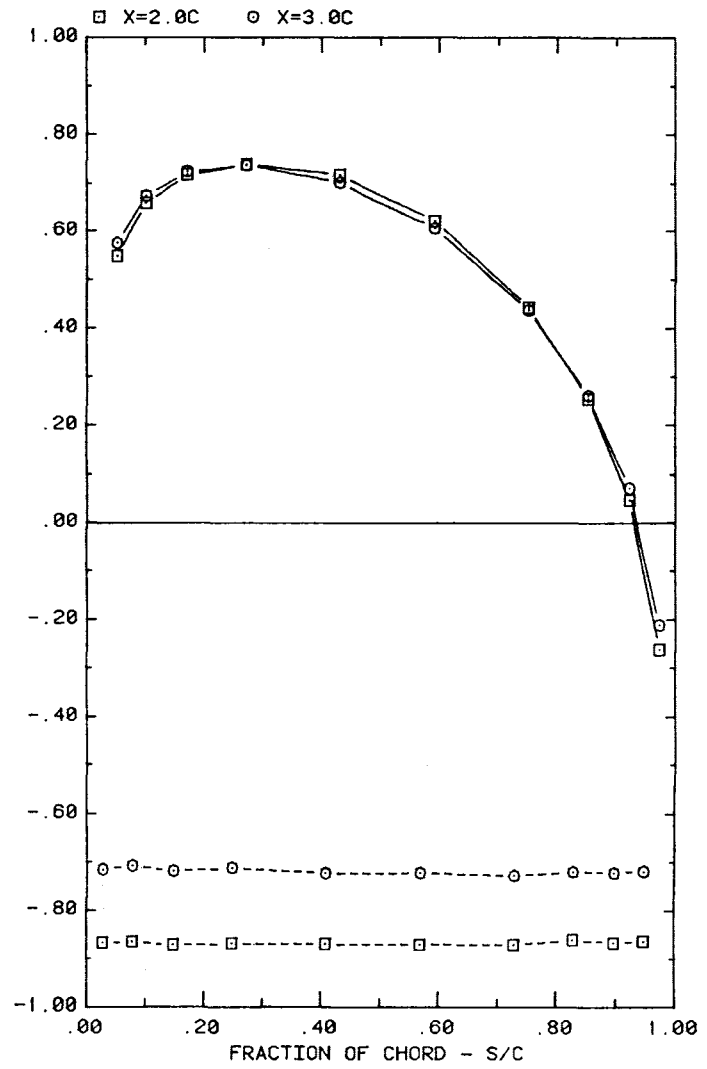
Plot 2-1-1. (Concluded)



Plot 2-1-2. Multiple Arrays without Fence, Uniform Flow Study
Effect of Separation Distance

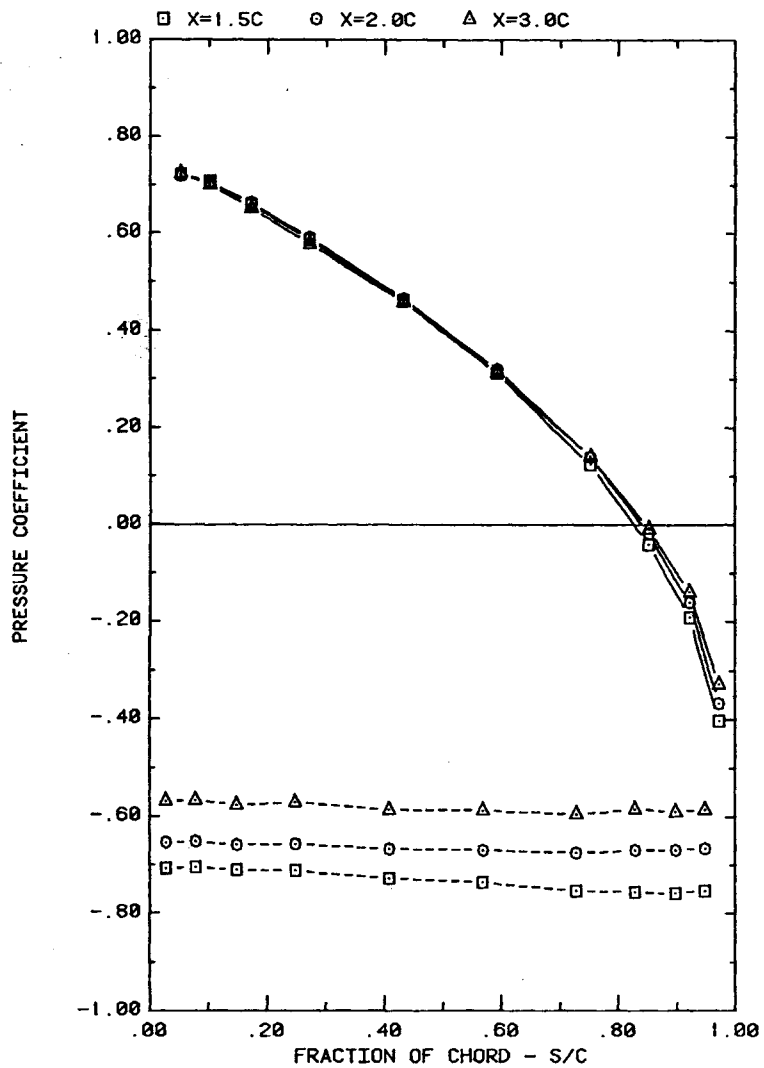


FRONT AND BACK PRESSURES ON ARRAY #1 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 60, H/C = 0.25

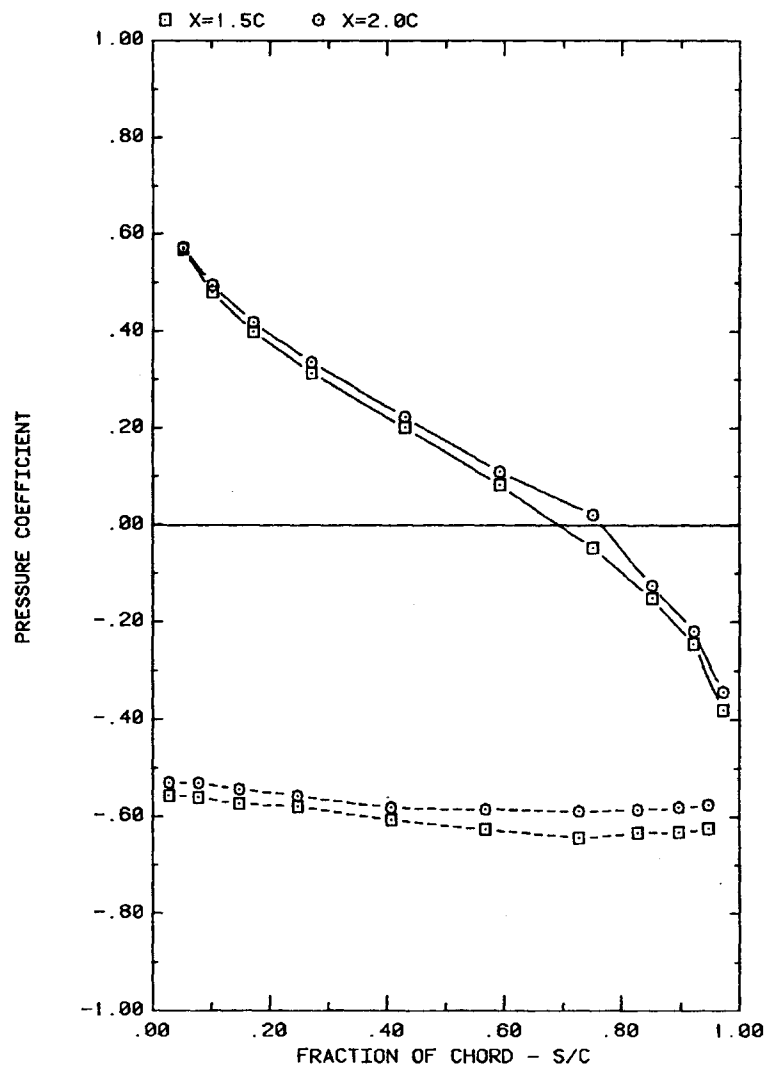


FRONT AND BACK PRESSURES ON ARRAY #1 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 120, H/C = 0.25

Plot 2-1-2. (Continued)

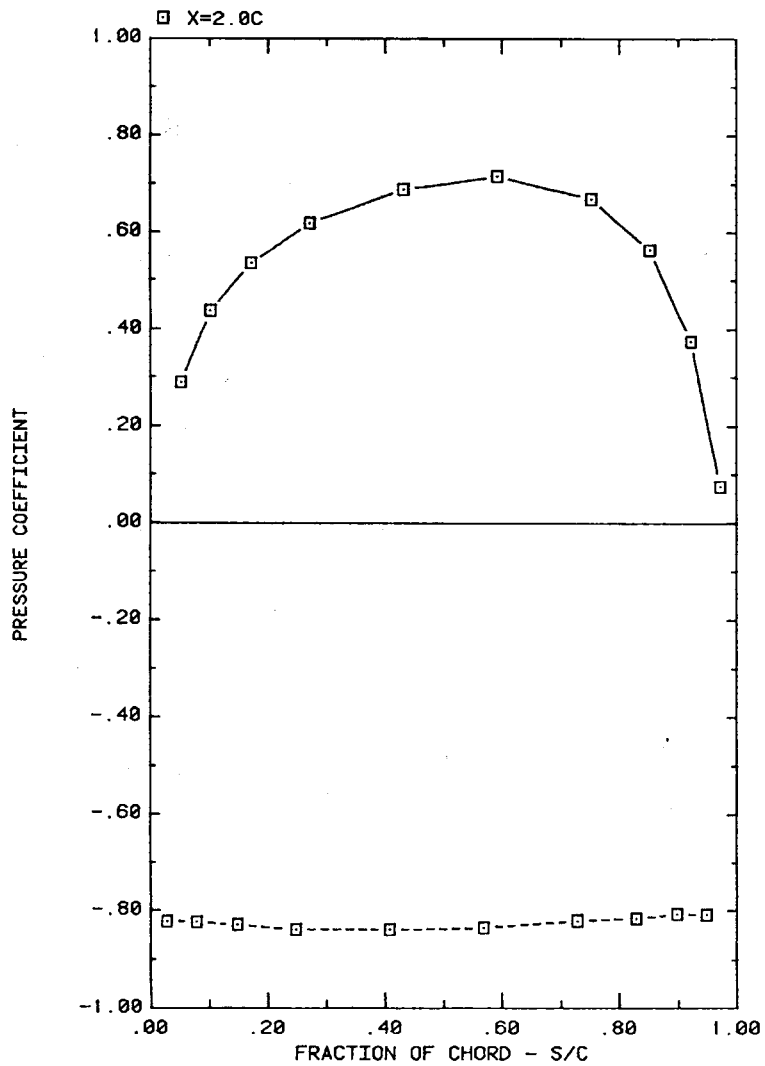


FRONT AND BACK PRESSURES ON ARRAY #1 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 145, H/C = 0.25

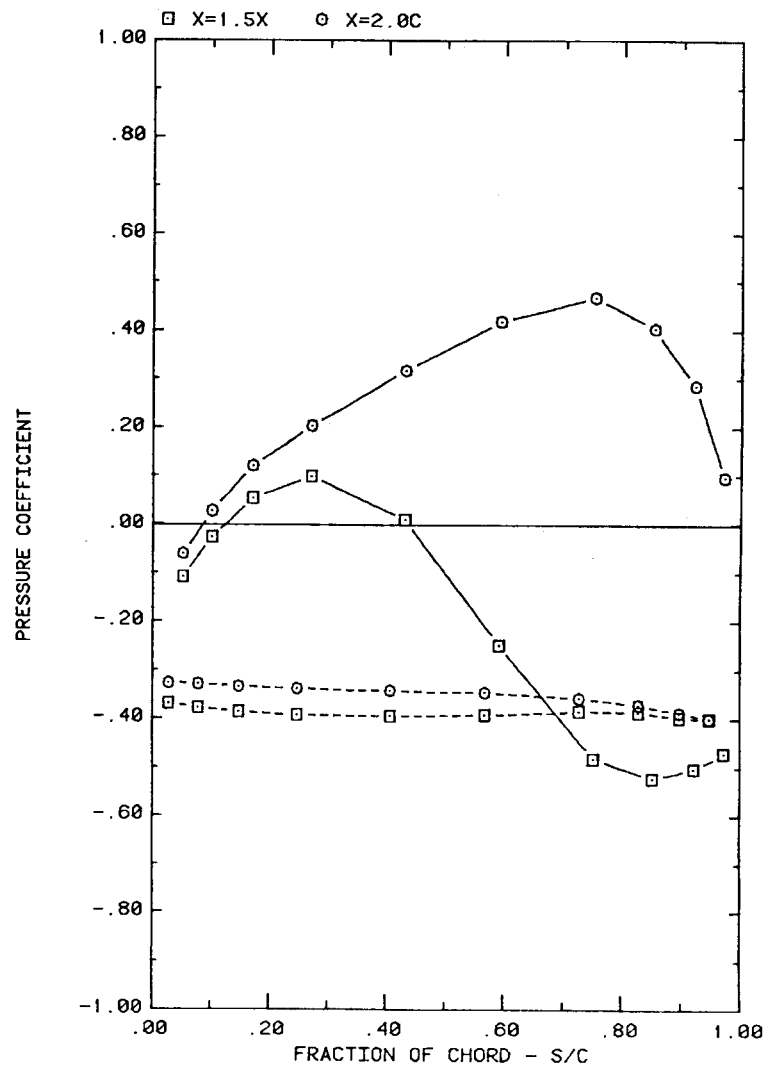


FRONT AND BACK PRESSURES ON ARRAY #1 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 160, H/C = 0.25

Plot 2-1-2. (Continued)

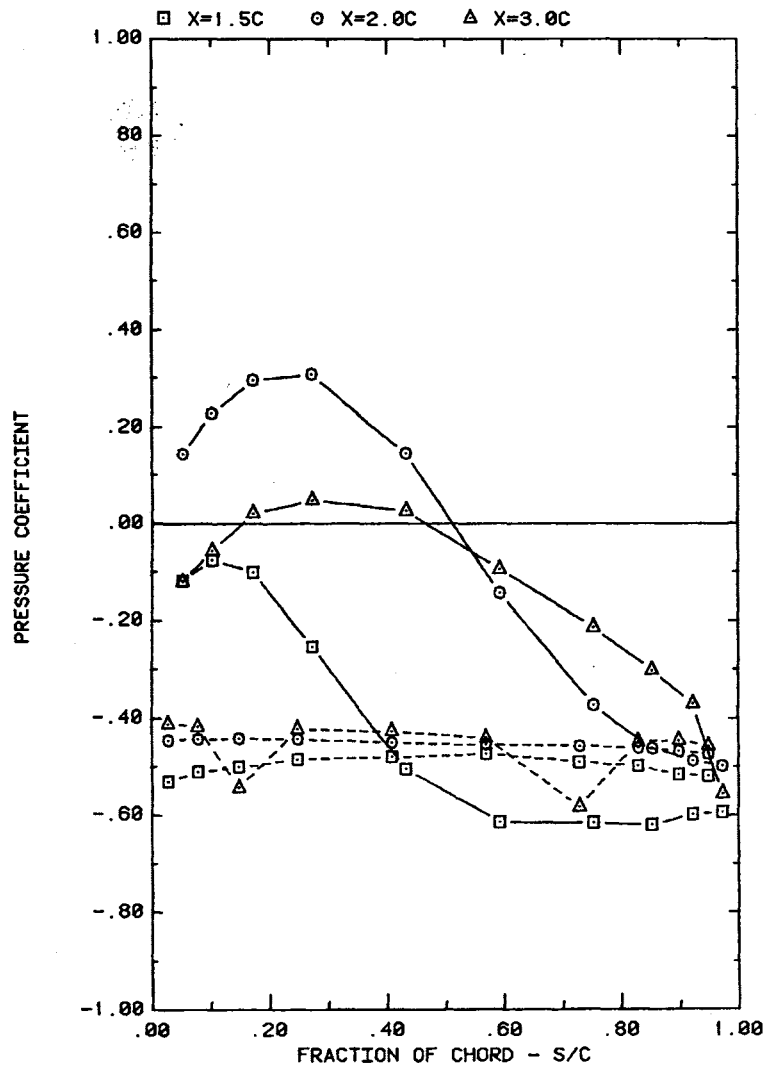


FRONT AND BACK PRESSURES ON ARRAY #1 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 90, H/C = 0.25

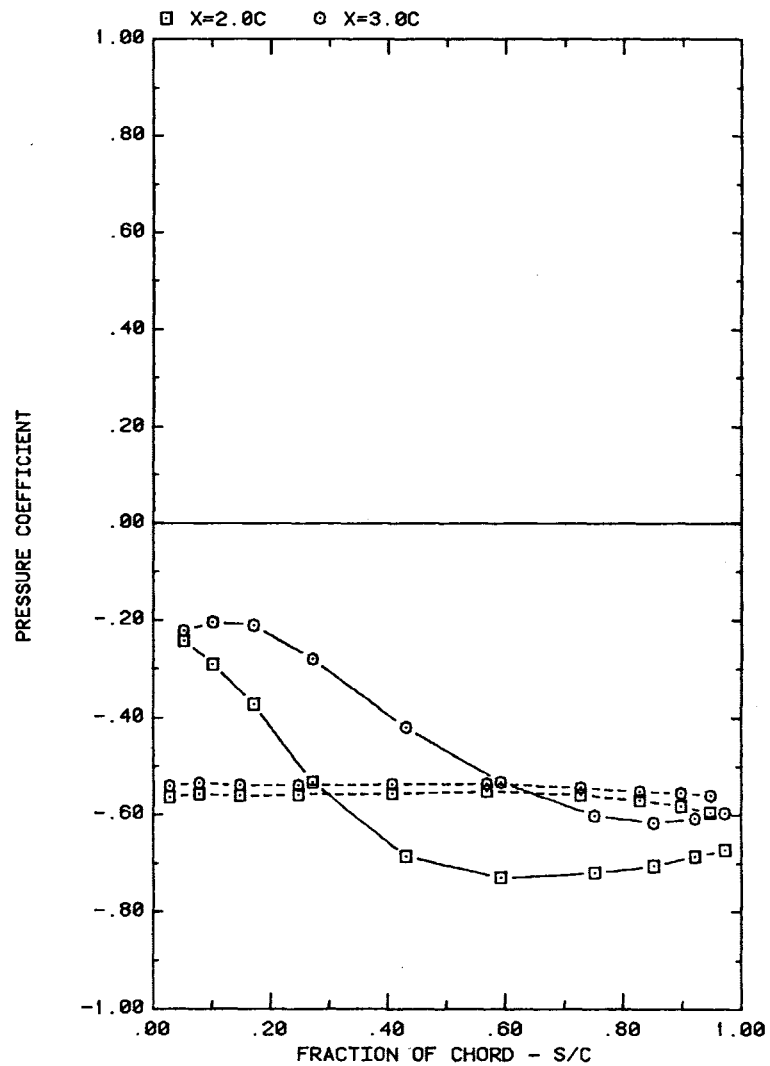


FRONT AND BACK PRESSURES ON ARRAY #2 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 20, H/C = 0.25

Plot 2-1-2. (Continued)

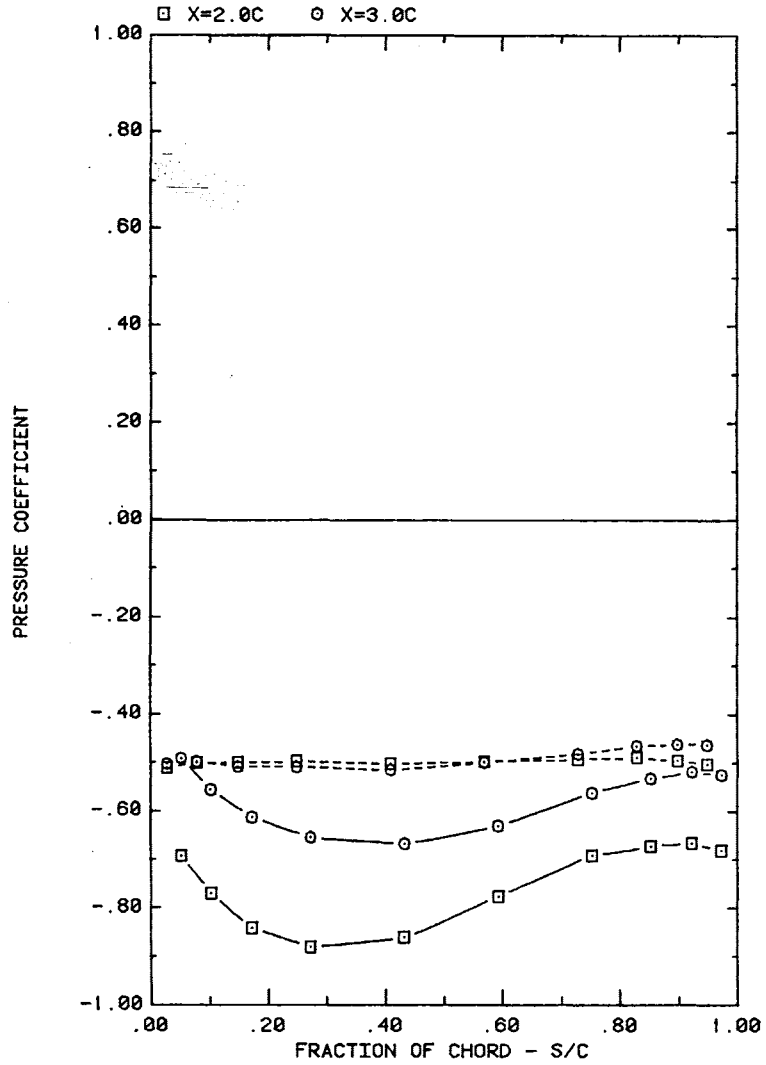


FRONT AND BACK PRESSURES ON ARRAY #2 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 35, H/C = 0.25

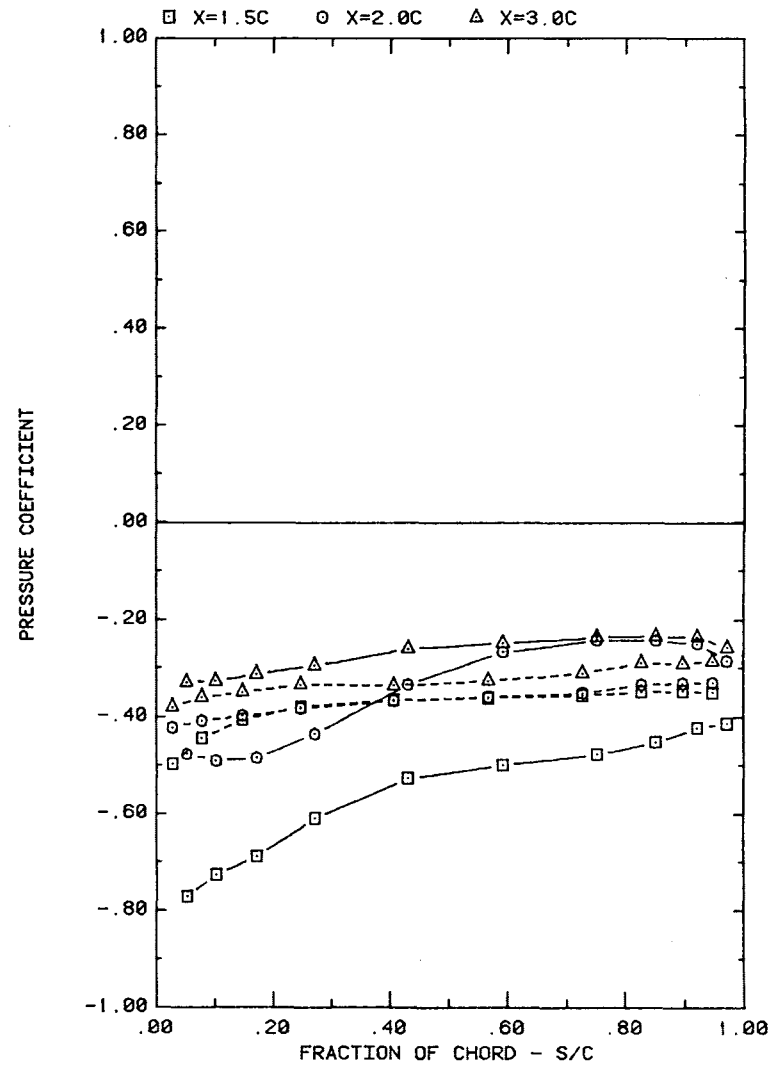


FRONT AND BACK PRESSURES ON ARRAY #2 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 60, H/C = 0.25

Plot 2-1-2. (Continued)

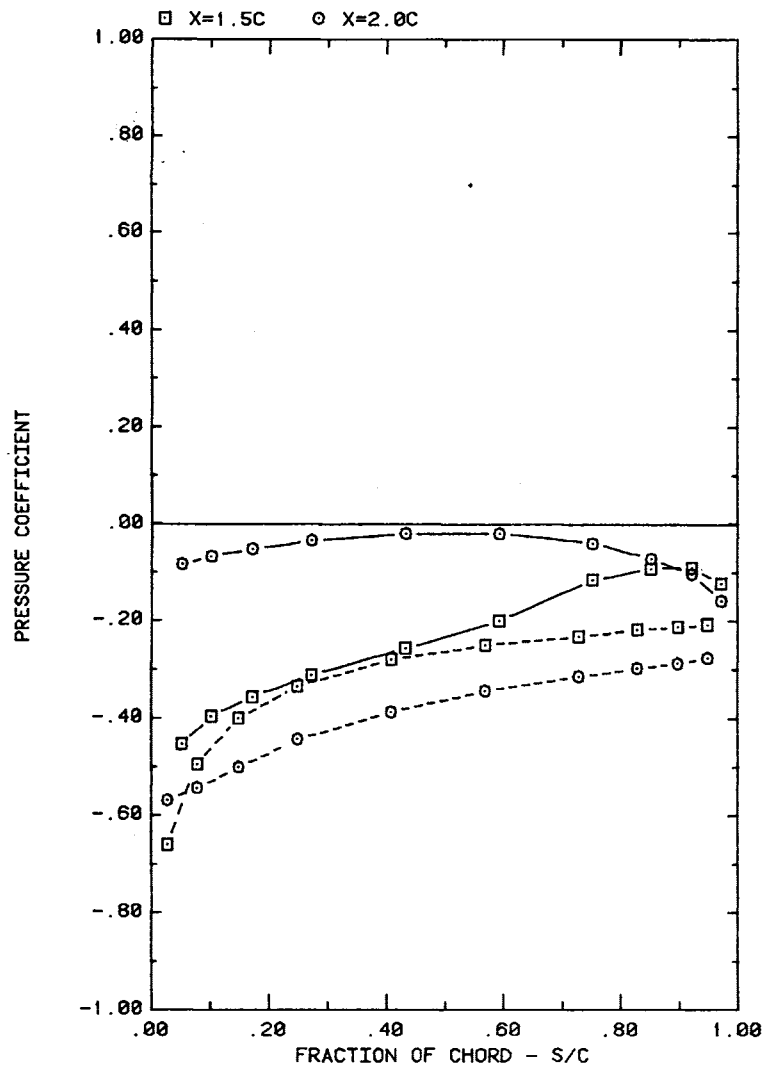


FRONT AND BACK PRESSURES ON ARRAY #2 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 120, H/C = 0.25

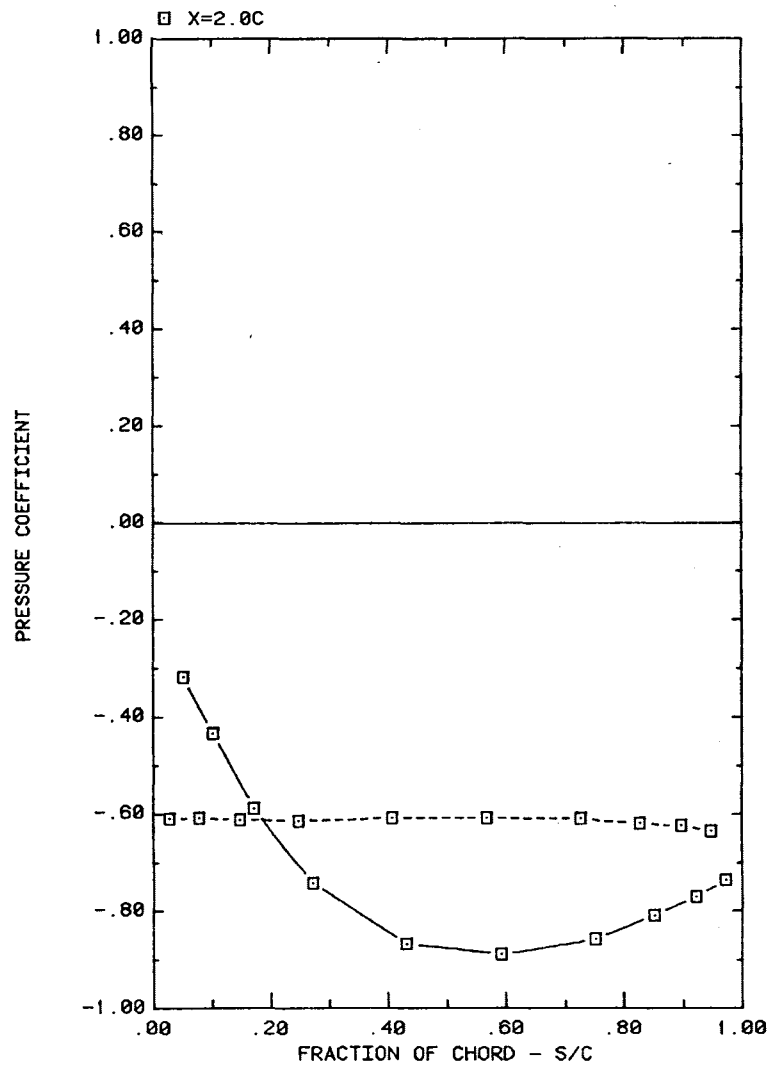


FRONT AND BACK PRESSURES ON ARRAY #2 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 145, H/C = 0.25

Plot 2-1-2. (Continued)

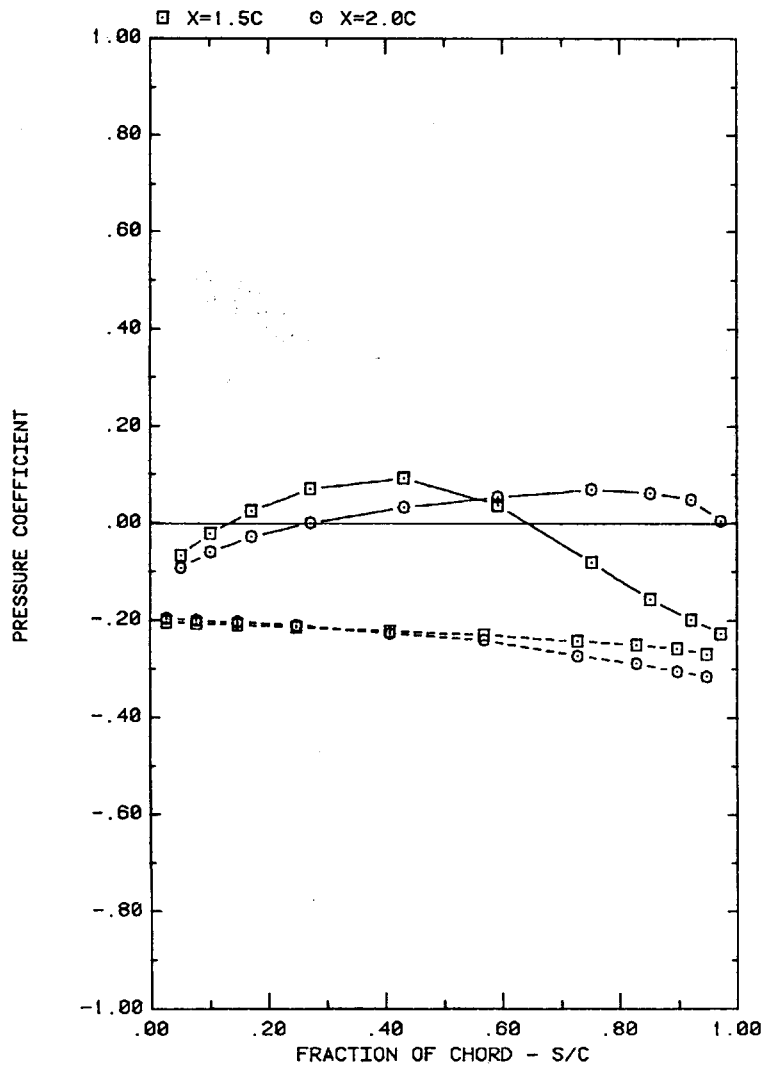


FRONT AND BACK PRESSURES ON ARRAY #2 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 160, H/C = 0.25

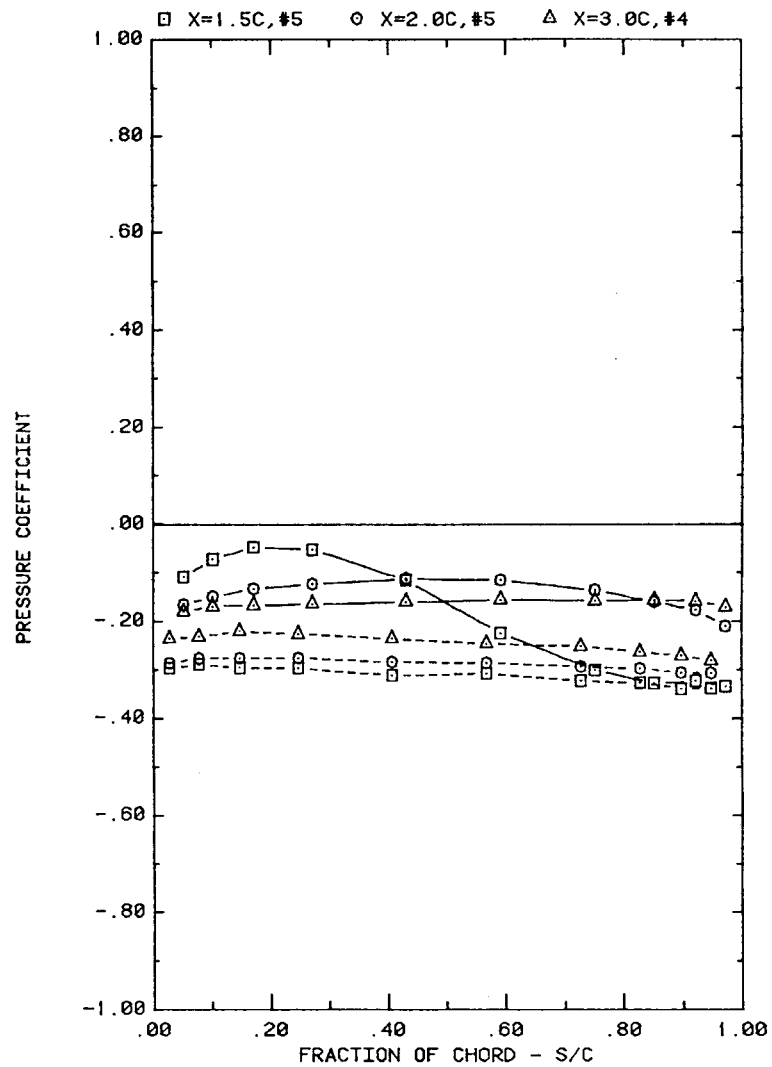


FRONT AND BACK PRESSURES ON ARRAY #2 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 90, H/C = 0.25

Plot 2-1-2. (Continued)

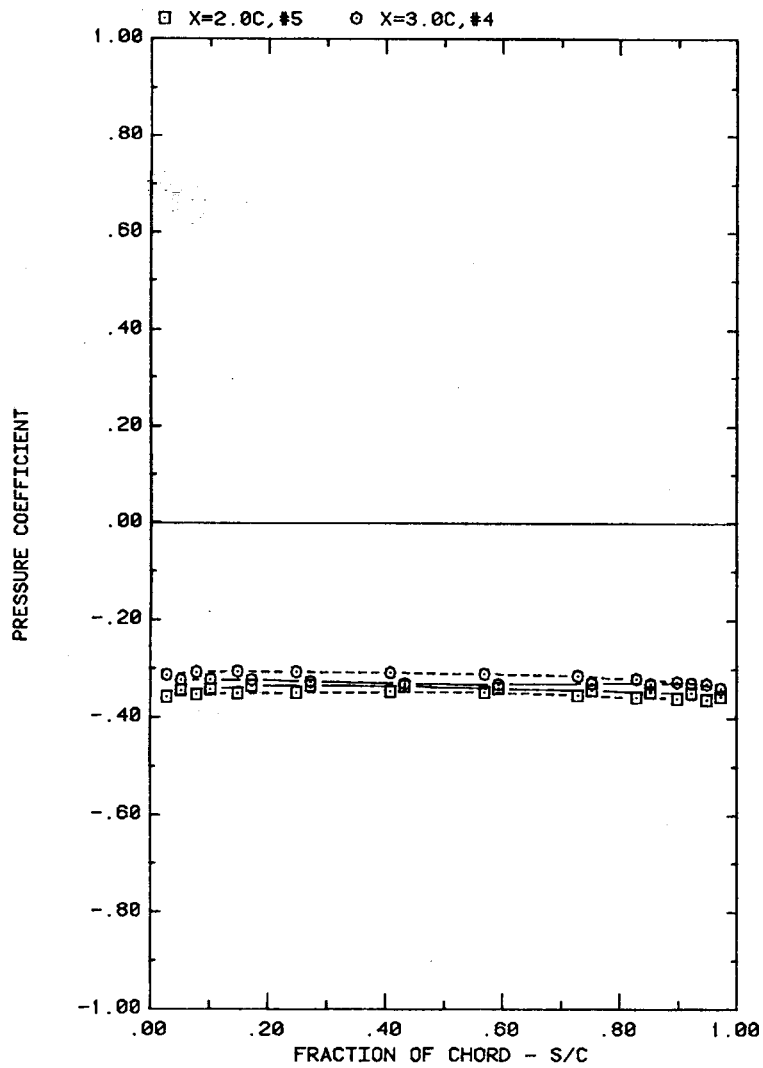


FRONT AND BACK PRESSURES ON ARRAY #5 IN UNIFORM FLOW
 EFFECT OF SEPARATION (X) ON ATTACK ANGLE 20, H/C = 0.25

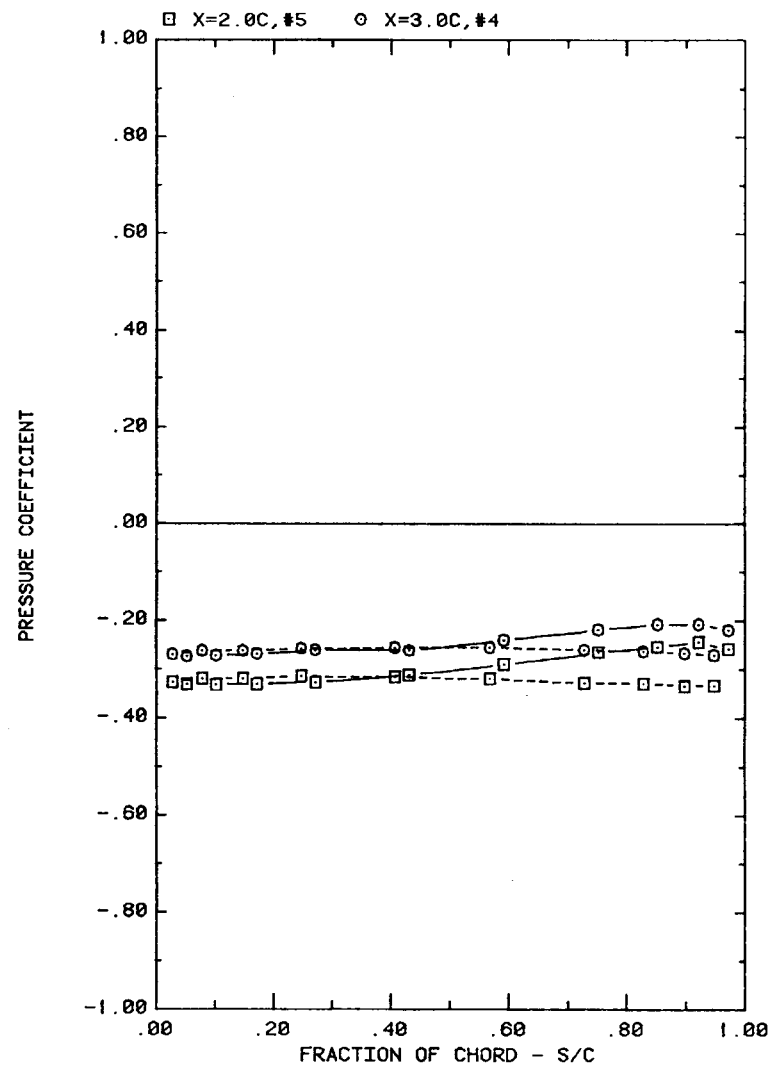


FRONT AND BACK PRESSURES ON ARRAY #4 OR #5 IN UNIFORM FLOW
 EFFECT OF SEPARATION (X) ON ATTACK ANGLE 35, H/C = 0.25

Plot 2-1-2. (Continued)

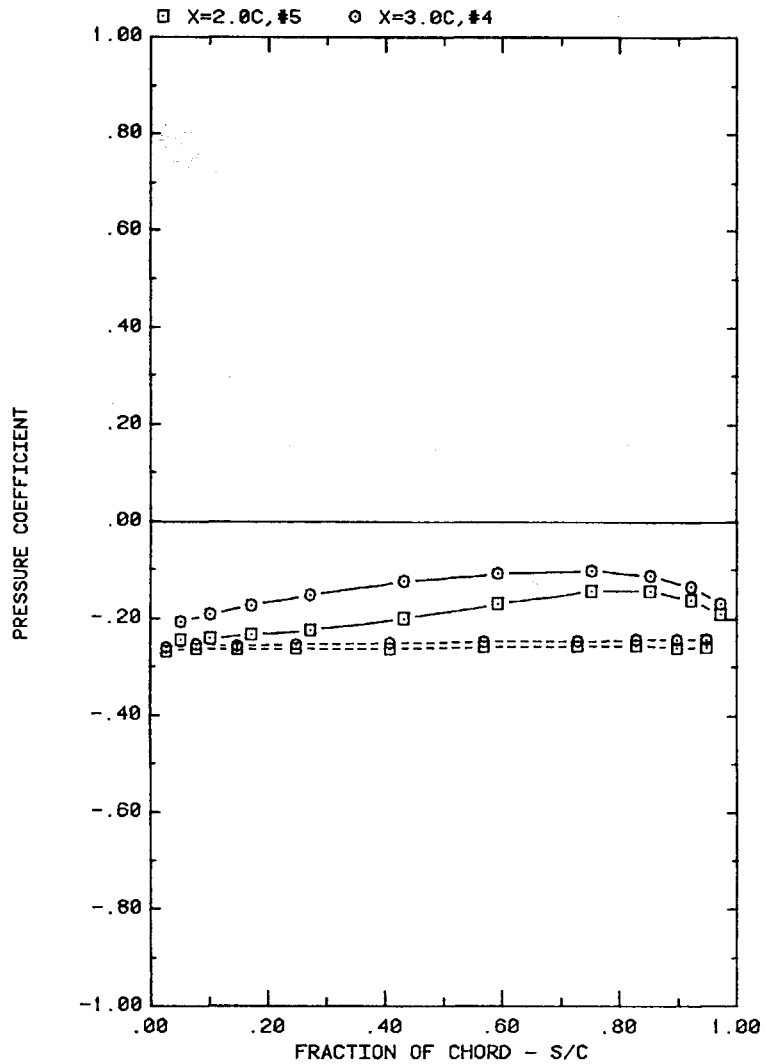


FRONT AND BACK PRESSURES ON ARRAY #4 OR #5 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 60, H/C = 0.25

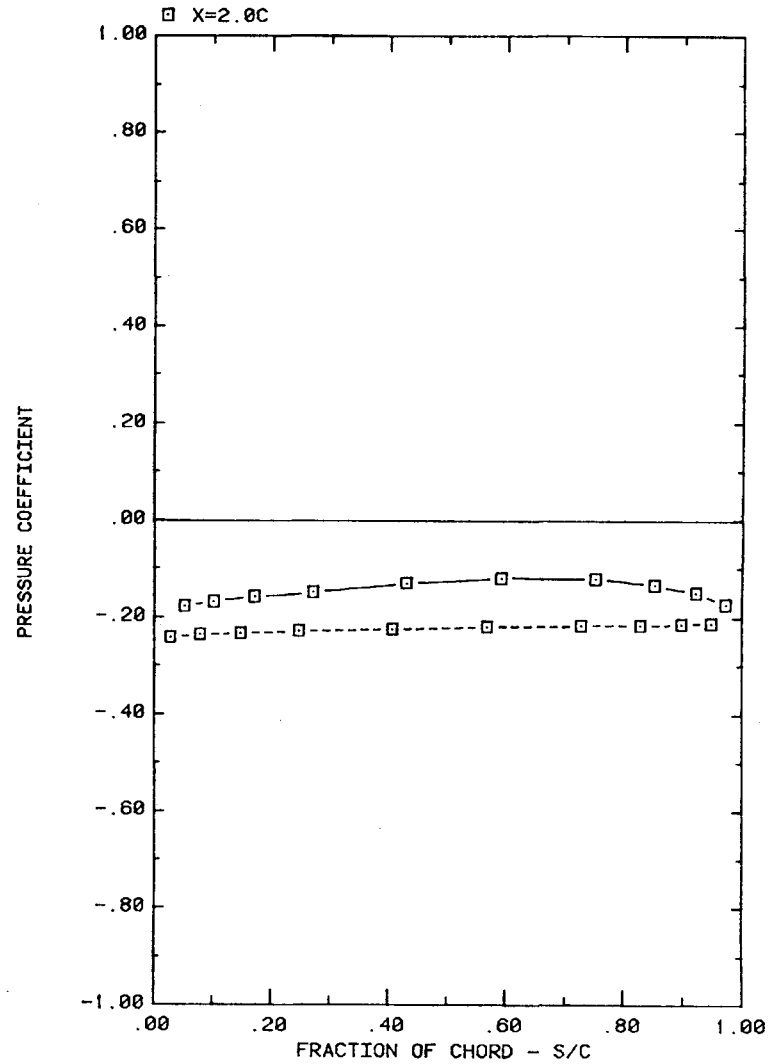


FRONT AND BACK PRESSURES ON ARRAY #4 OF #5 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 120, H/C = 0.25

Plot 2-1-2. (Continued)

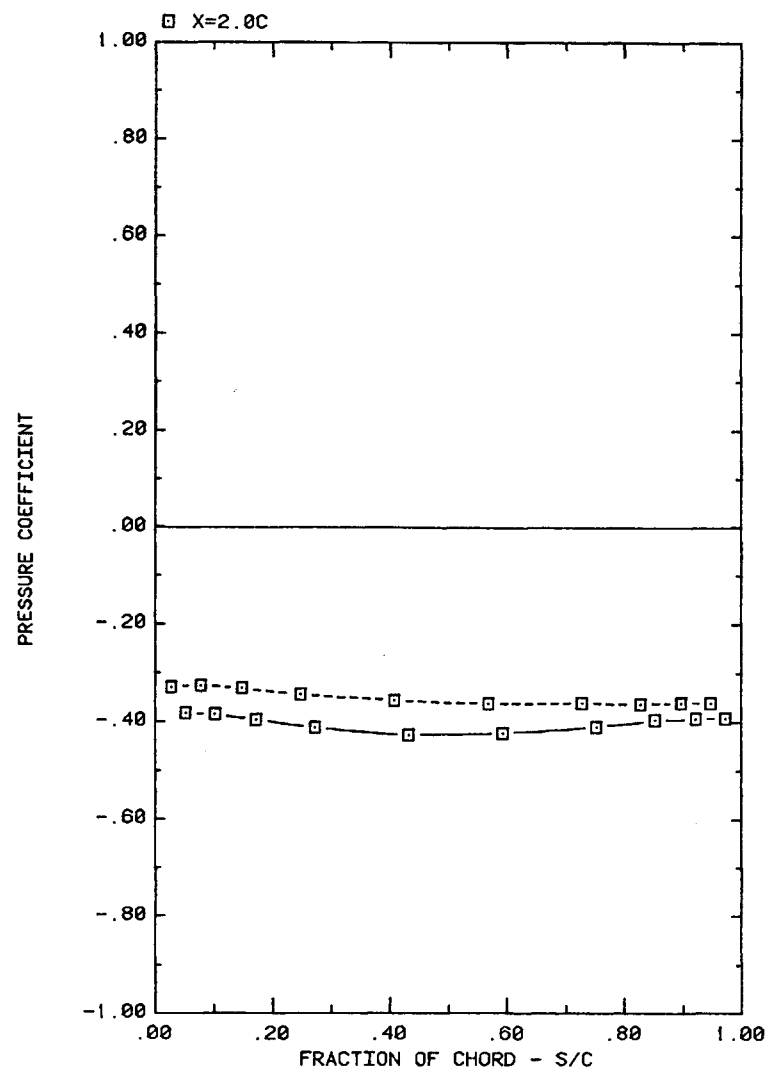


FRONT AND BACK PRESSURES ON ARRAY #4 OR #5 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 145, H/C = 0.25



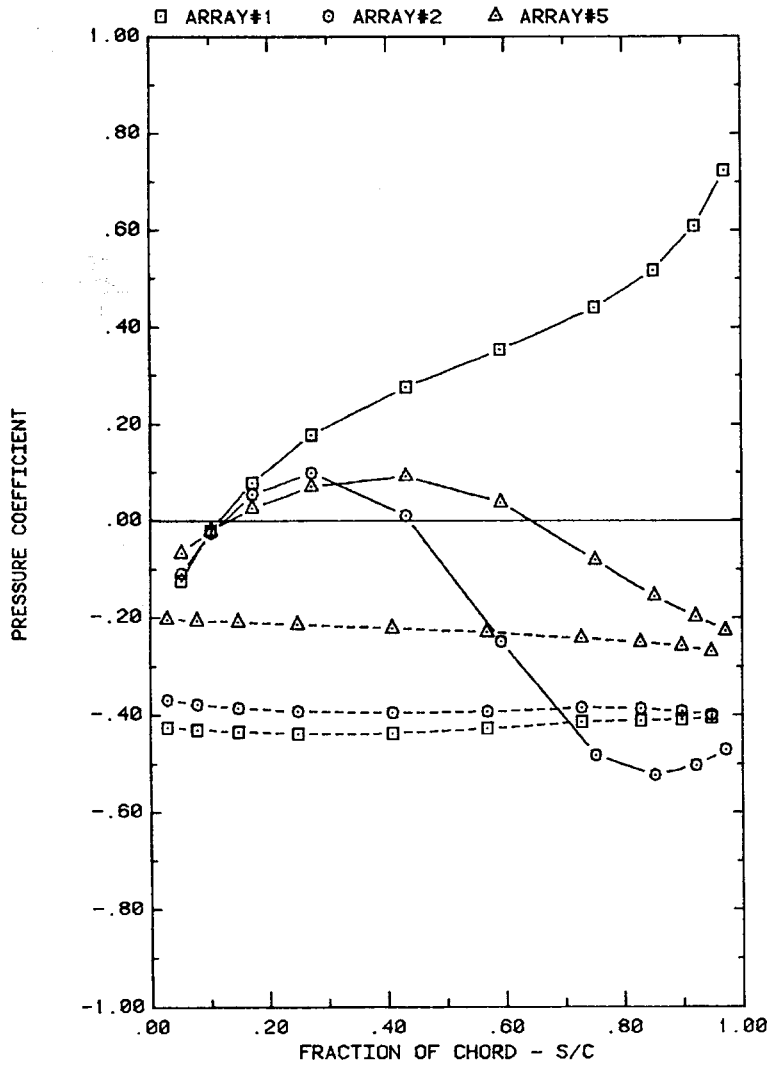
FRONT AND BACK PRESSURES ON ARRAY #5 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 160, H/C = 0.25

Plot 2-1-2. (Continued)



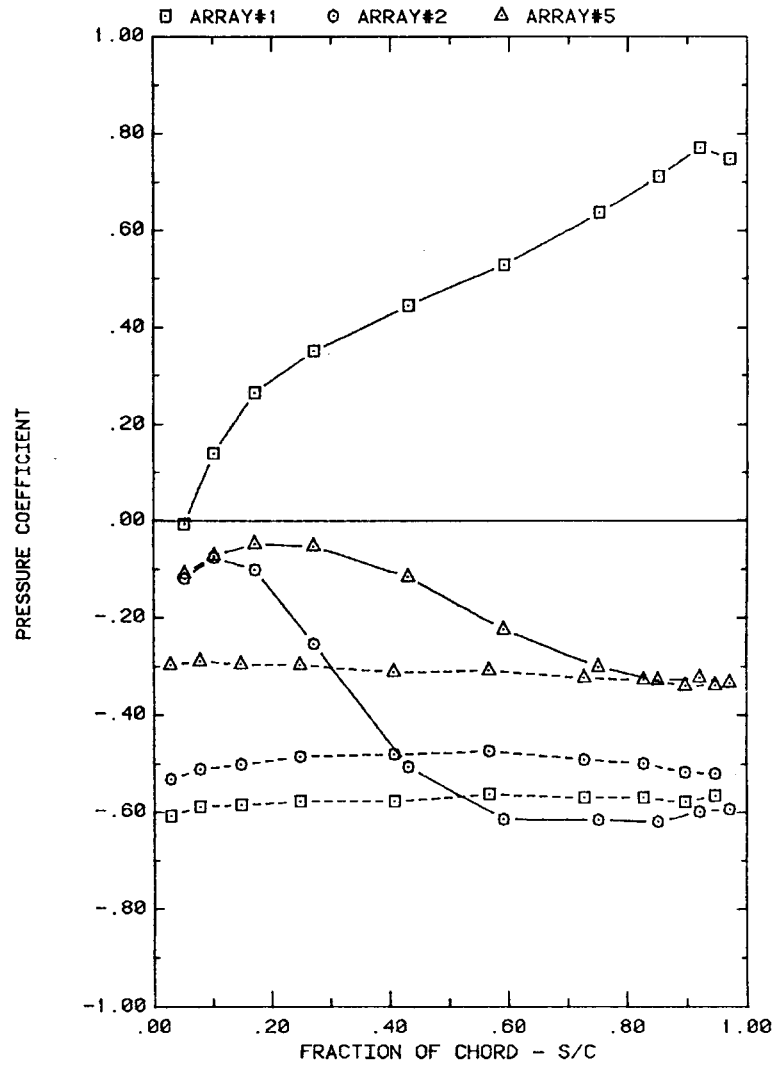
FRONT AND BACK PRESSURES ON ARRAY #5 IN UNIFORM FLOW
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 90, H/C = 0.25

Plot 2-1-2. (Concluded)

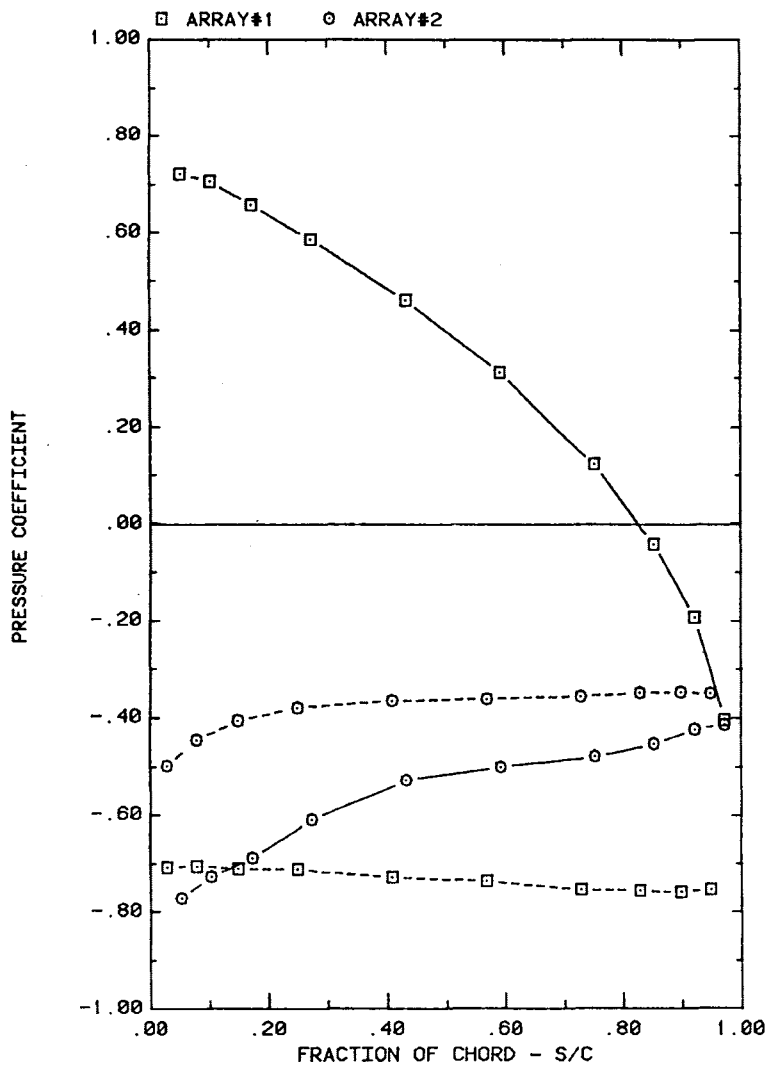


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS FOR SEPARATION = 1.5C
EFFECT OF ARRAY CONFIGURATION FOR ATTACK ANGLE, ALPHA = 20

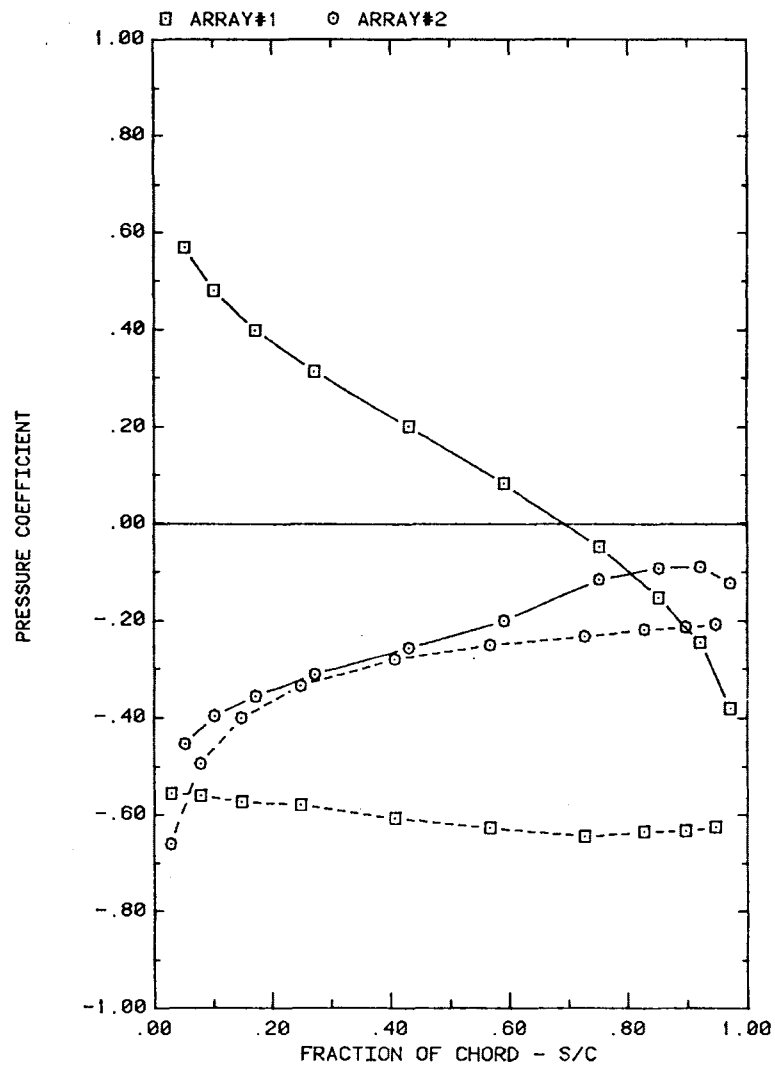
Plot 2-1-3. Multiple Arrays without Fence, Uniform Flow Study
Effect of Array Position



FRONT AND BACK PRESSURES ON VARIOUS ARRAYS FOR SEPARATION = 1.5C
EFFECT OF ARRAY CONFIGURATION FOR ATTACK ANGLE, ALPHA = 35

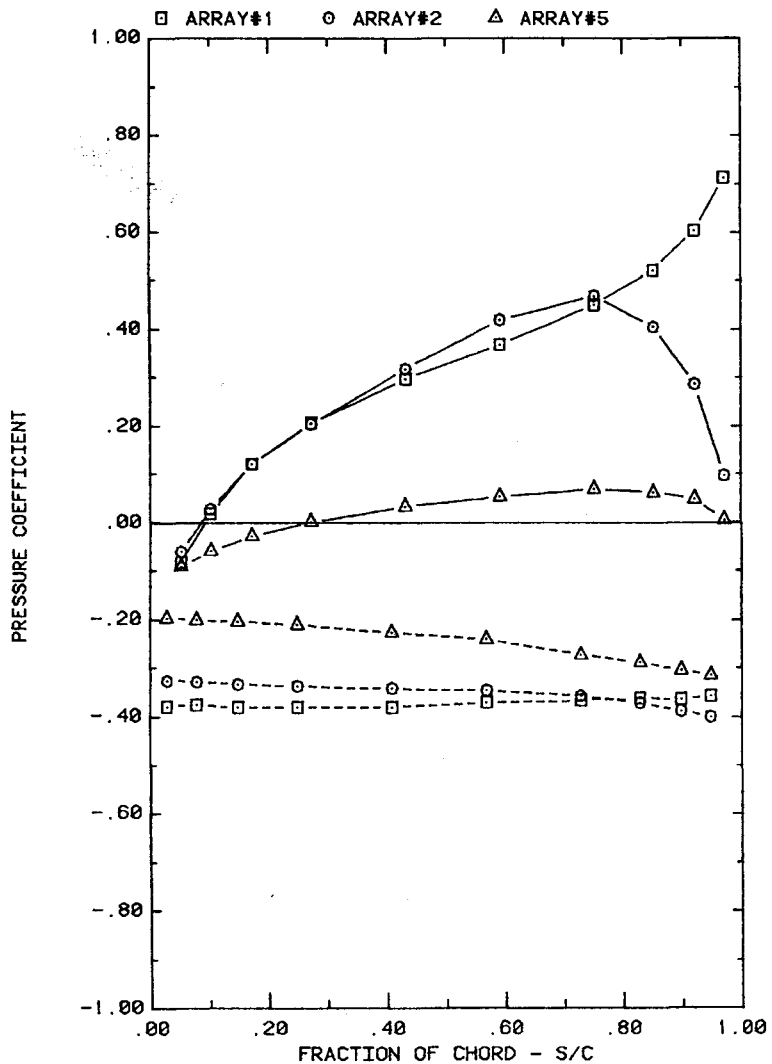


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS FOR SEPARATION = 1.5C
EFFECT OF ARRAY CONFIGURATION FOR ATTACK ANGLE, ALPHA = 145

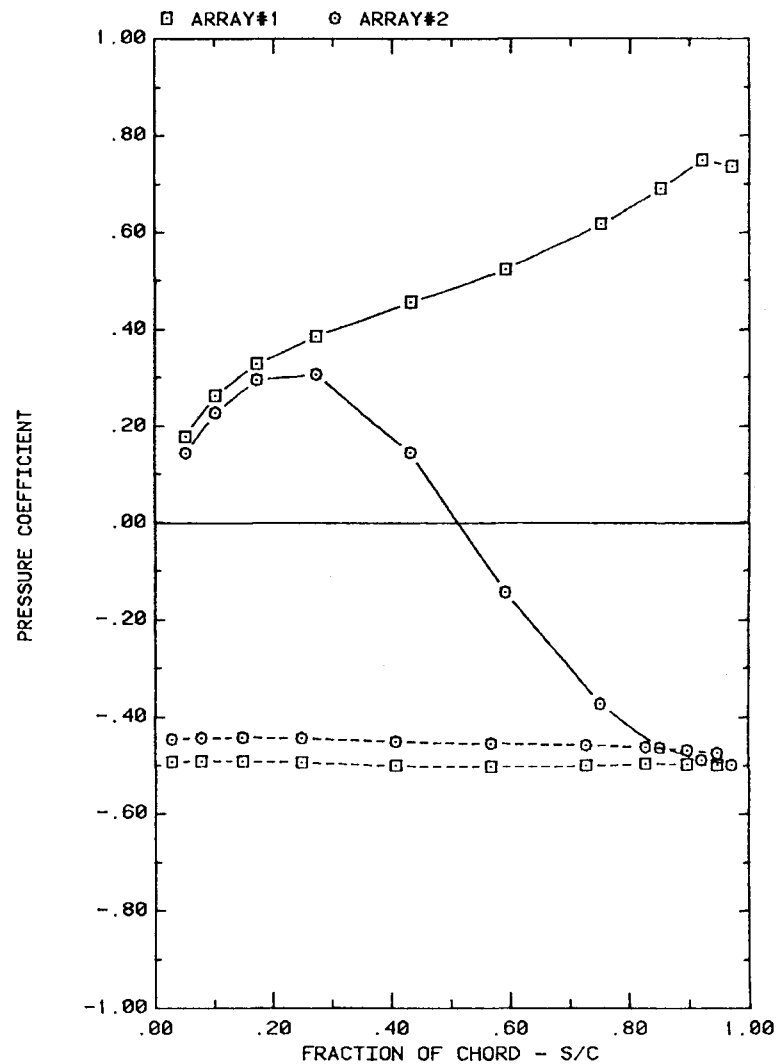


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS FOR SEPARATION = 1.5C
EFFECT OF ARRAY CONFIGURATION FOR ATTACK ANGLE, ALPHA = 160

Plot 2-1-3. (Continued)

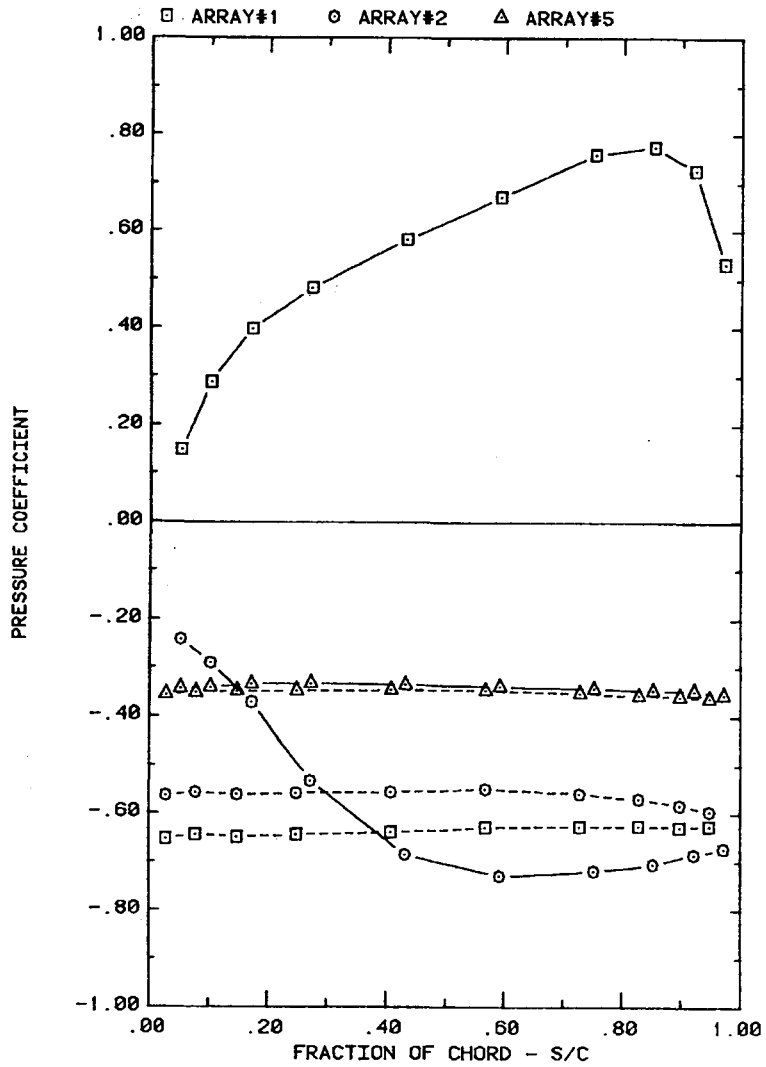


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS FOR SEPARATION = 2C
EFFECT OF ARRAY CONFIGURATION FOR ATTACK ANGLE, ALPHA = 20

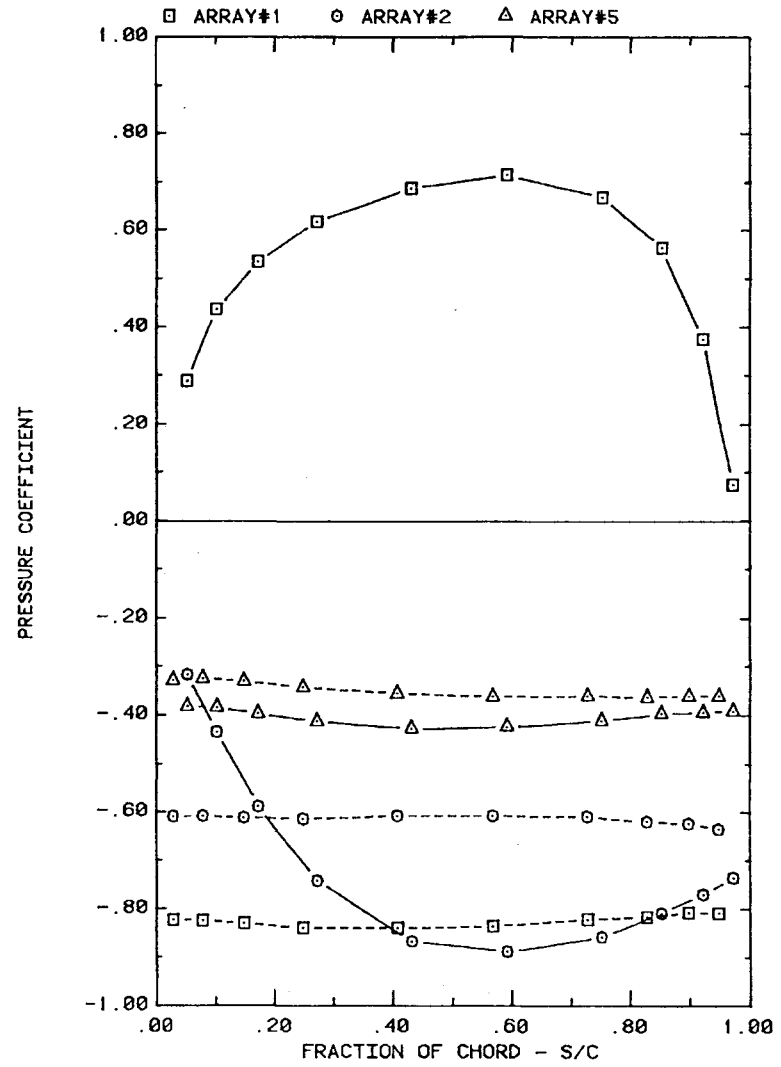


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS FOR SEPARATION = 2C
EFFECT OF ARRAY CONFIGURATION FOR ATTACK ANGLE, ALPHA = 35

Plot 2-1-3. (Continued)

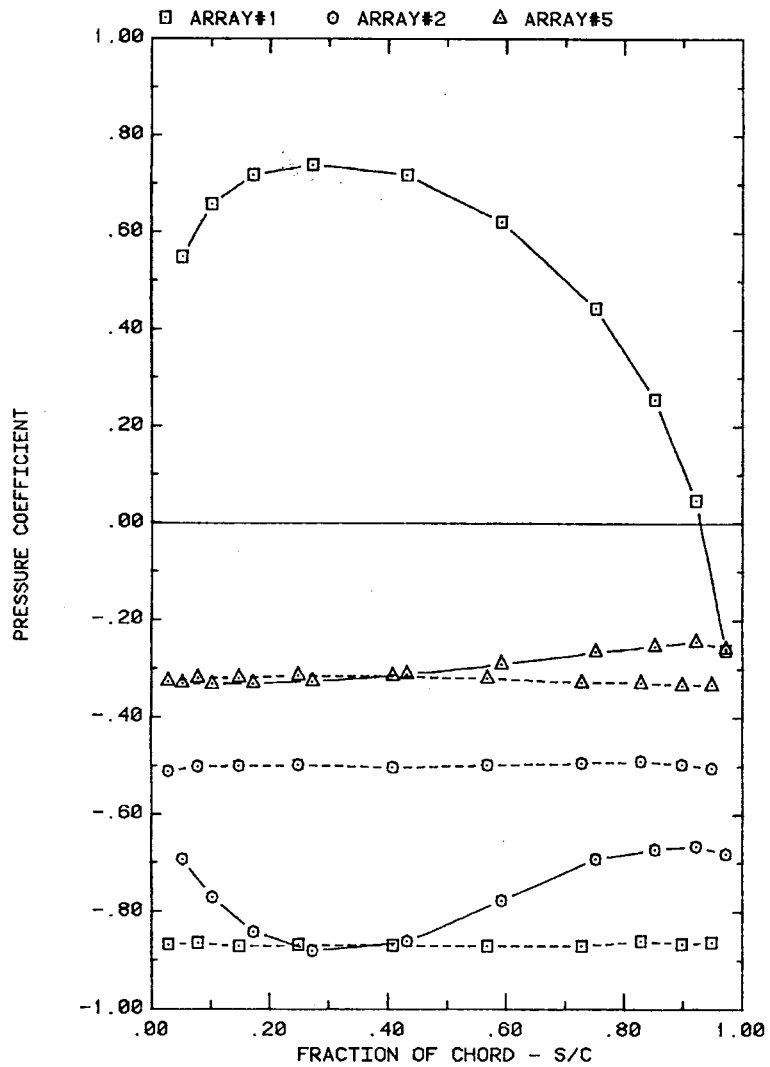


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS FOR SEPARATION = 2C
EFFECT OF ARRAY CONFIGURATION FOR ATTACK ANGLE, $\alpha = 60$

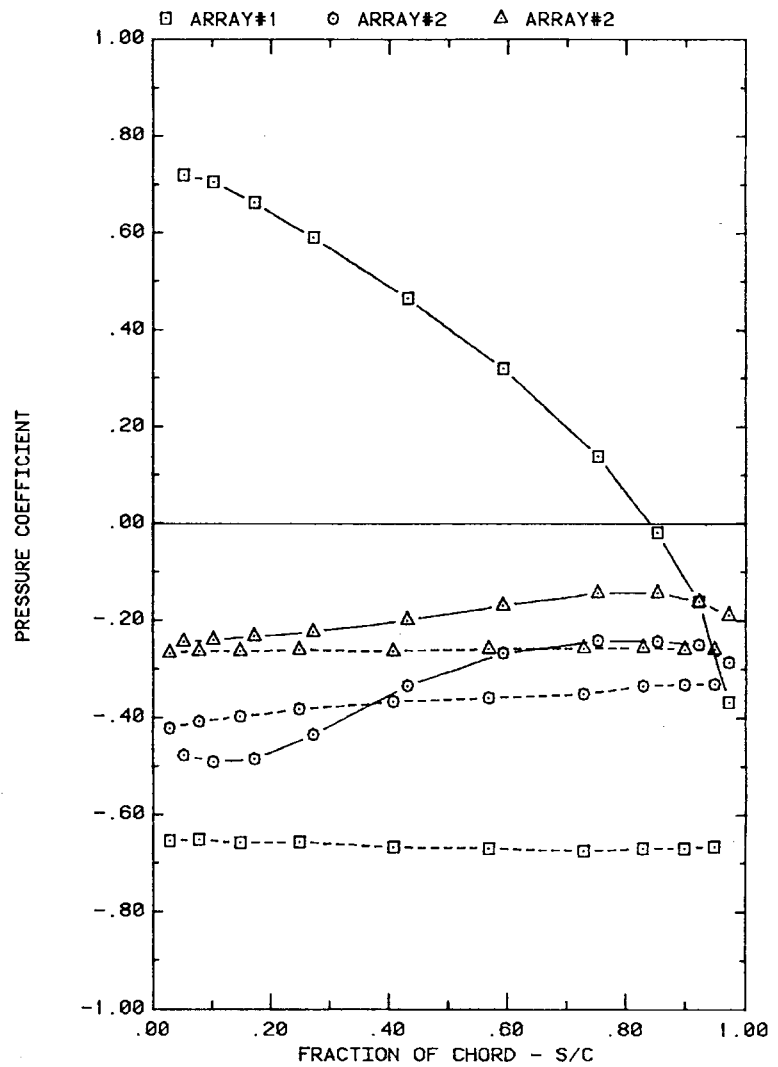


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS FOR SEPARATION = 2C
EFFECT OF ARRAY CONFIGURATION FOR ATTACK ANGLE, $\alpha = 90$

Plot 2-1-3. (Continued)

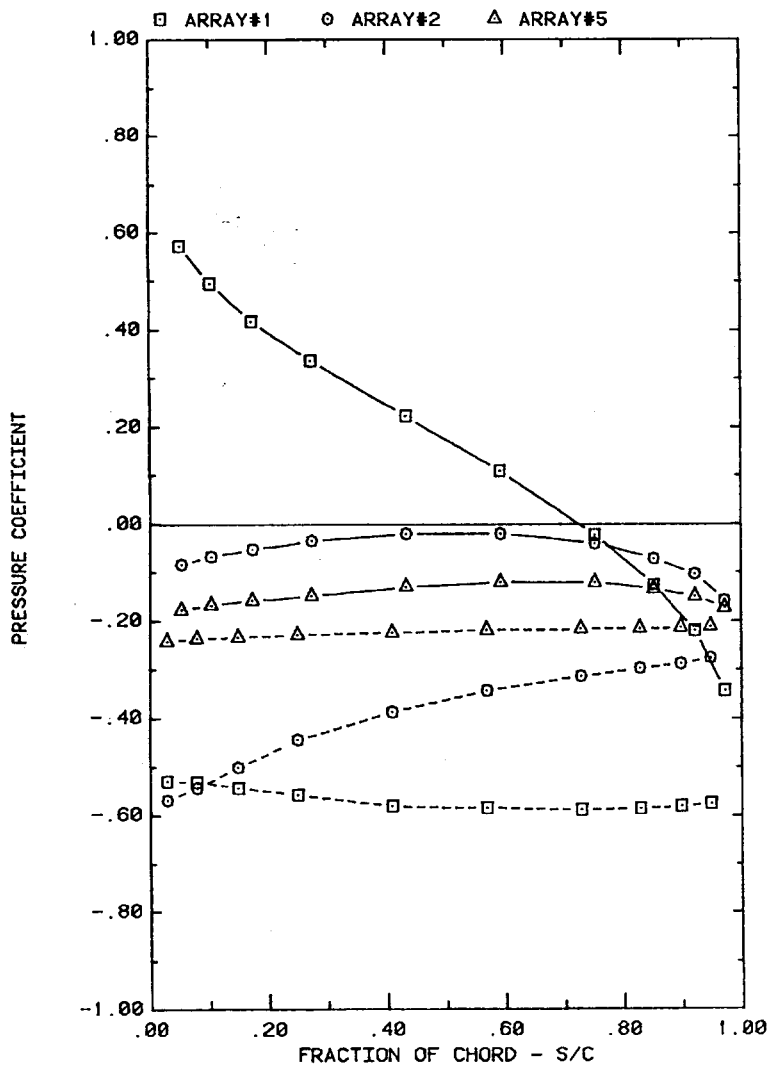


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS FOR SEPARATION = 2C
EFFECT OF ARRAY CONFIGURATION FOR ATTACK ANGLE, ALPHA = 120

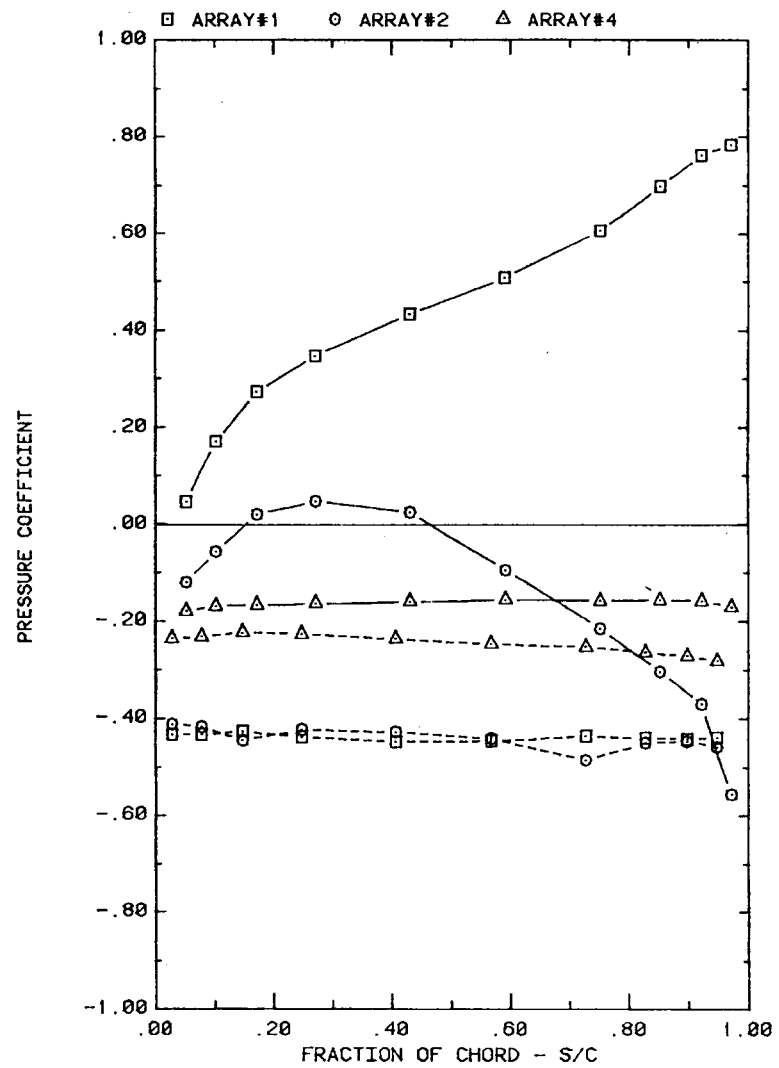


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS FOR SEPARATION = 2C
EFFECT OF ARRAY CONFIGURATION FOR ATTACK ANGLE, ALPHA = 145

Plot 2-1-3. (Continued)

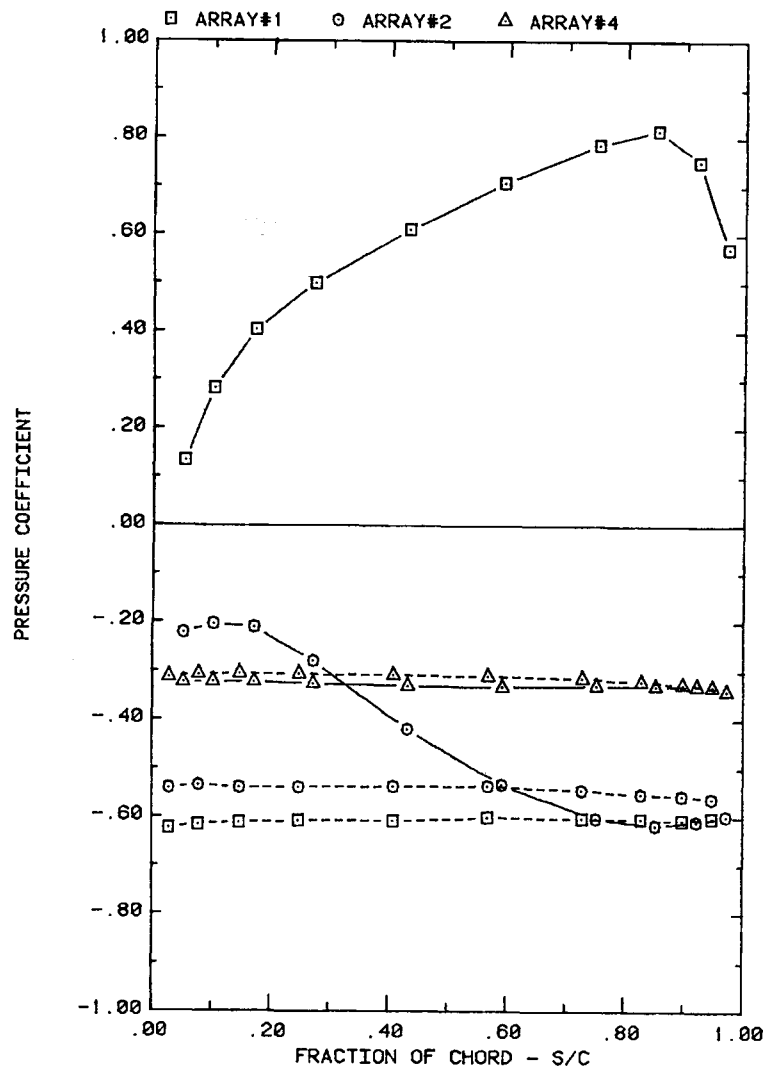


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS FOR SEPARATION = 2C
EFFECT OF ARRAY CONFIGURATION FOR ATTACK ANGLE, ALPHA = 16°

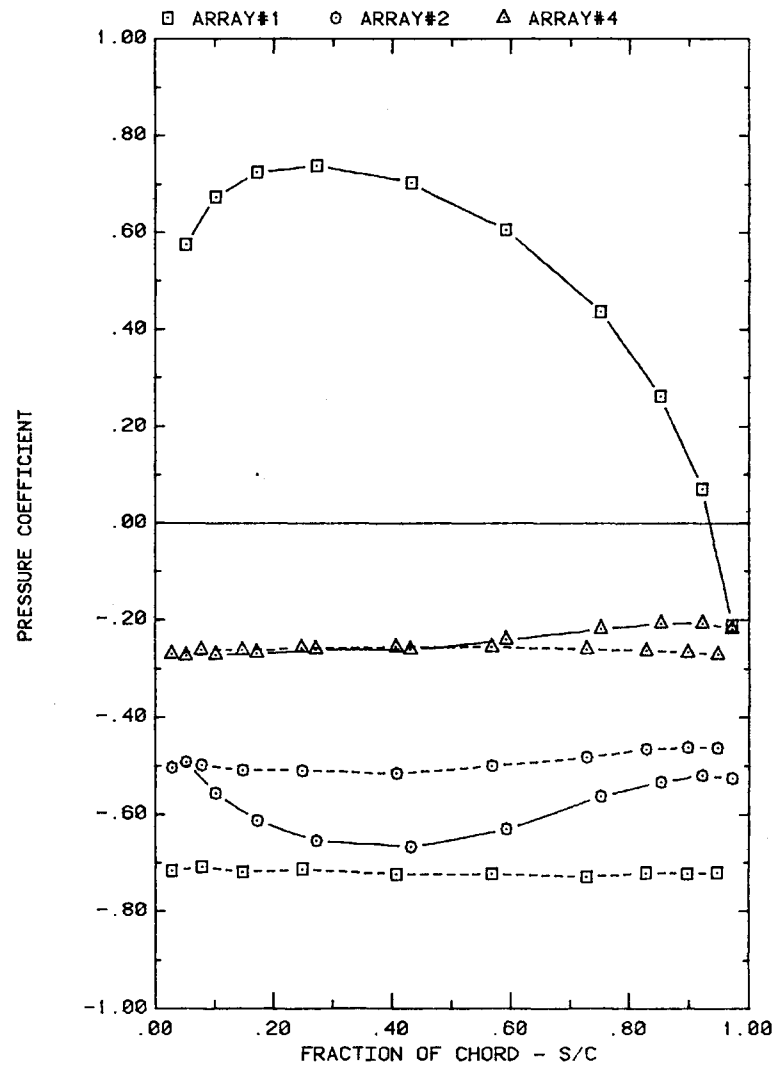


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS FOR SEPARATION = 3C
EFFECT OF ARRAY CONFIGURATION FOR ATTACK ANGLE, ALPHA = 35°

Plot 2-1-3. (Continued)

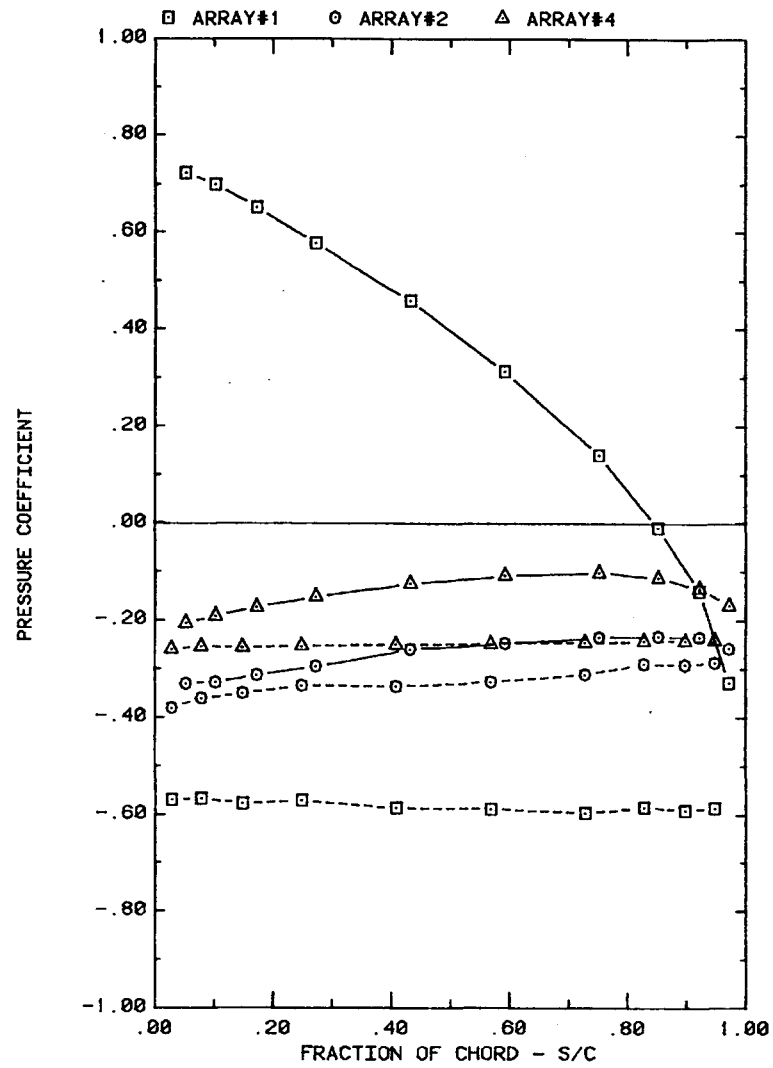


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS FOR SEPARATION = 3C
EFFECT OF ARRAY CONFIGURATION FOR ATTACK ANGLE, ALPHA = 60



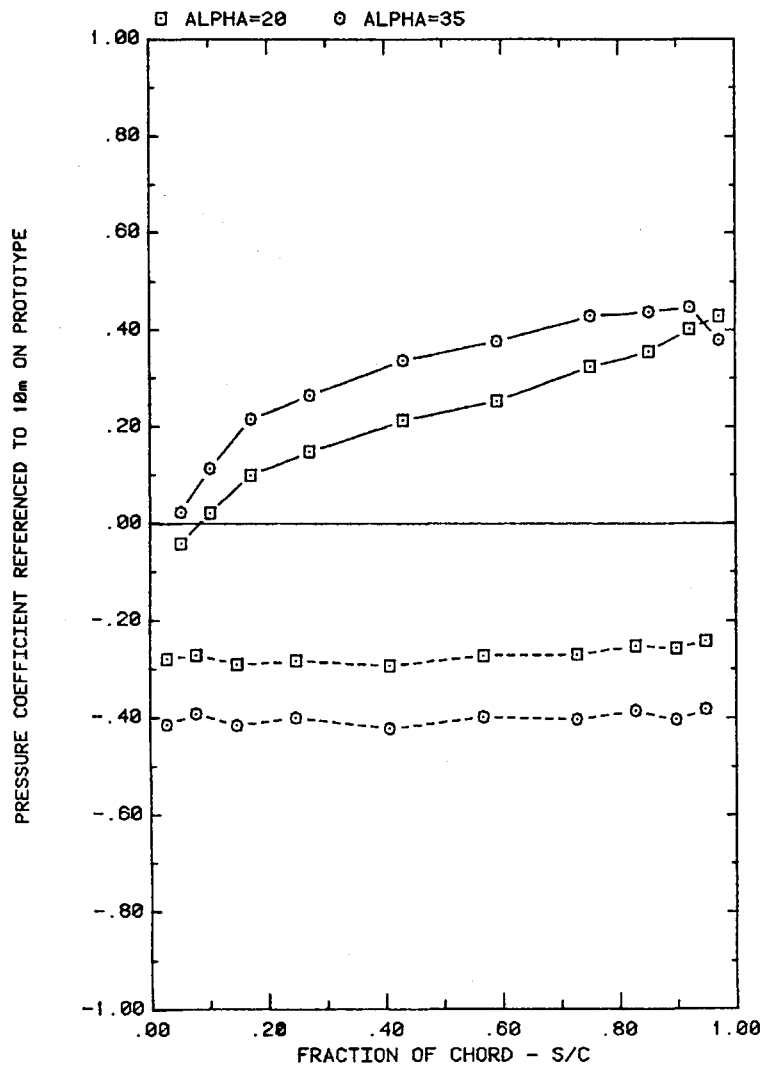
FRONT AND BACK PRESSURES ON VARIOUS ARRAYS FOR SEPARATION = 3C
EFFECT OF ARRAY CONFIGURATION FOR ATTACK ANGLE, ALPHA = 120

Plot 2-1-3. (Continued)

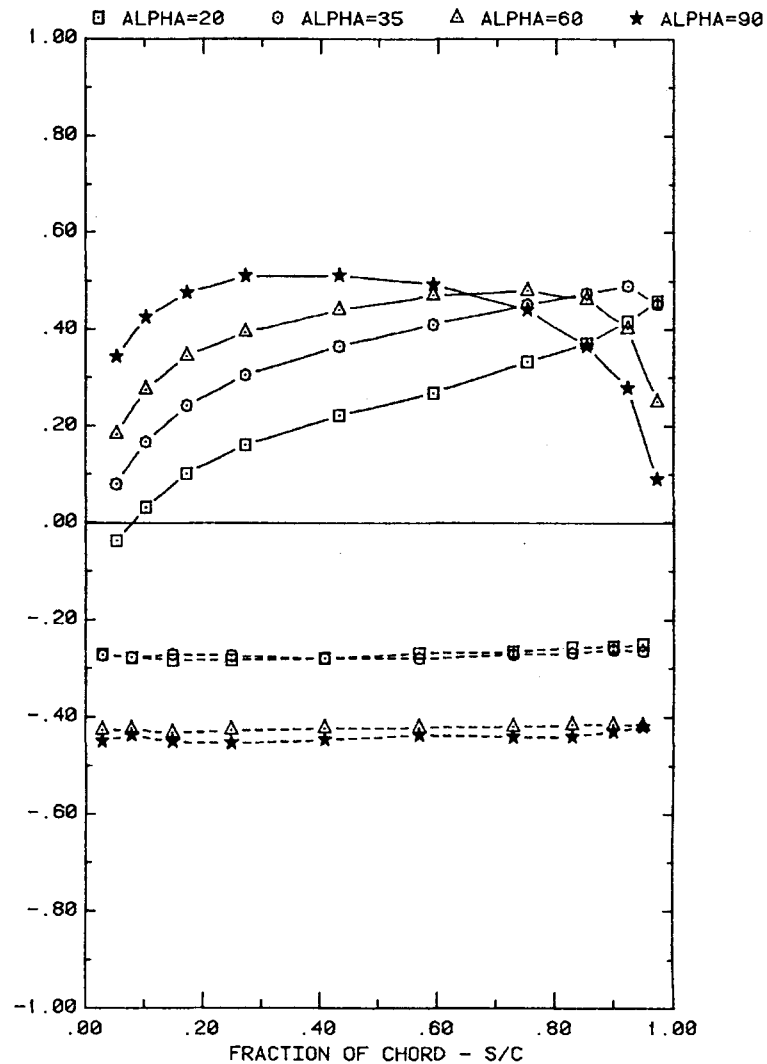


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS FOR SEPARATION = 3C
EFFECT OF ARRAY CONFIGURATION FOR ATTACK ANGLE, ALPHA = 145

Plot 2-1-3. (Concluded)

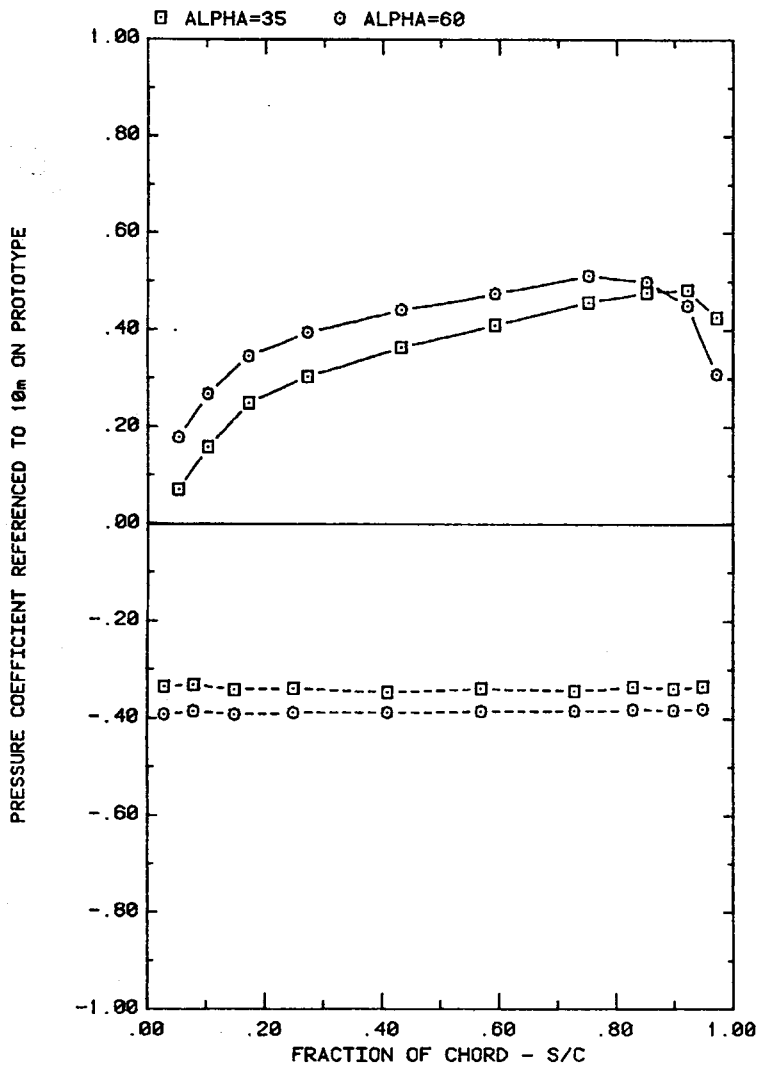


FRONT AND BACK PRESSURES ON ARRAY #1 IN BOUNDARY LAYER
EFFECT OF ATTACK ANGLE FOR SPACING = 1.5C

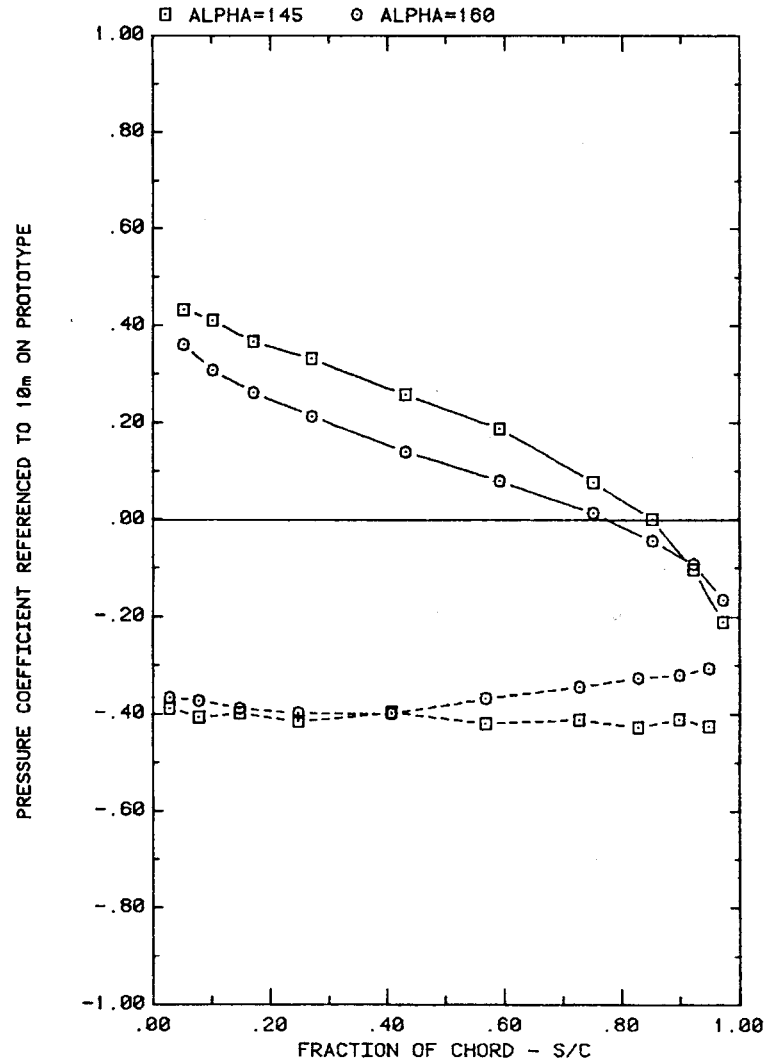


FRONT AND BACK PRESSURES ON ARRAY #1 IN BOUNDARY LAYER
EFFECT OF ATTACK ANGLE FOR SPACING = 2C

Plot 2-2-1. Multiple Arrays without Fence, Nonuniform Flow
Study Effect of Angle of Attack

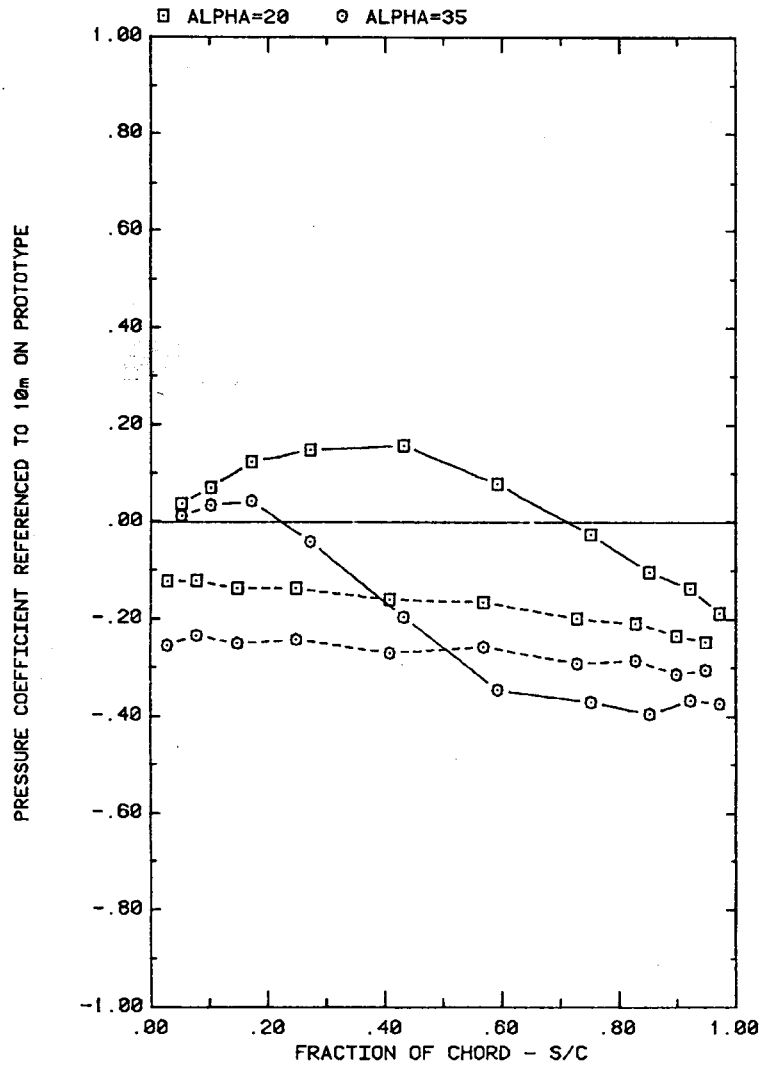


FRONT AND BACK PRESSURES ON ARRAY #1 IN BOUNDARY LAYER
EFFECT OF ATTACK ANGLE FOR SPACING = $3C$

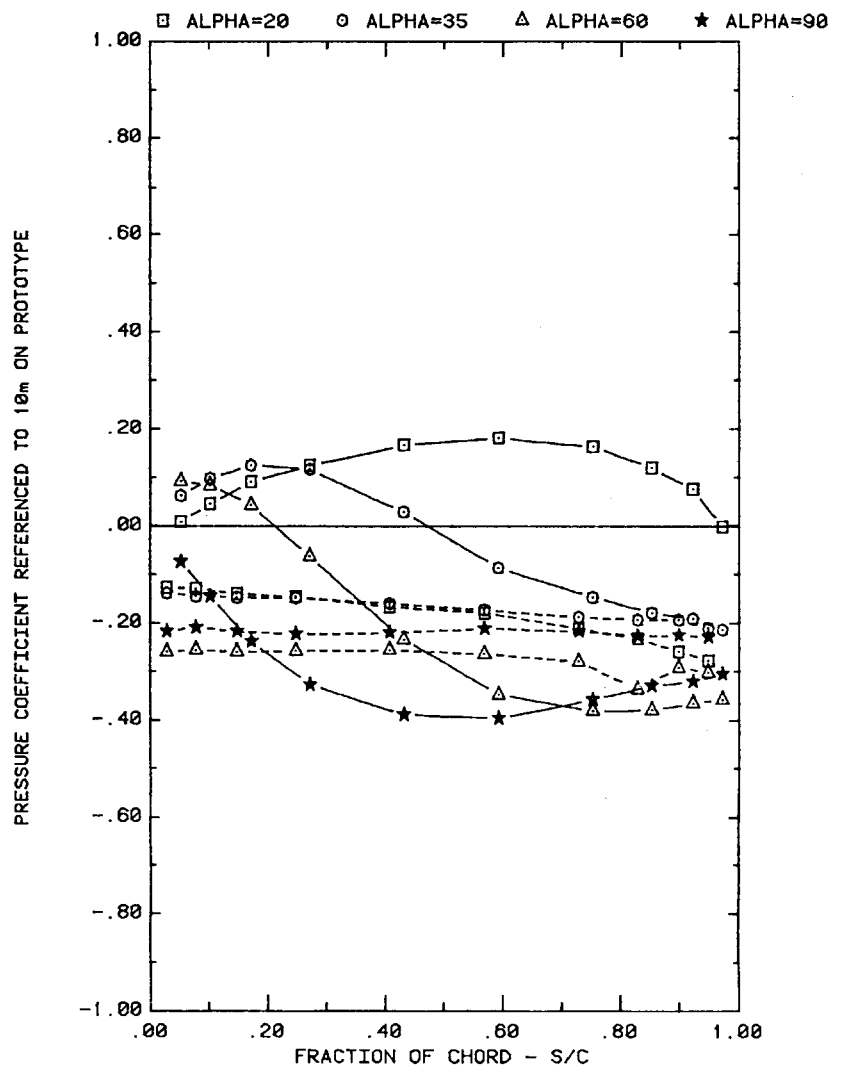


FRONT AND BACK PRESSURES ON ARRAY #1 IN BOUNDARY LAYER
EFFECT OF ATTACK ANGLE FOR SPACING = $1.5C$

Plot 2-2-1. (Continued)

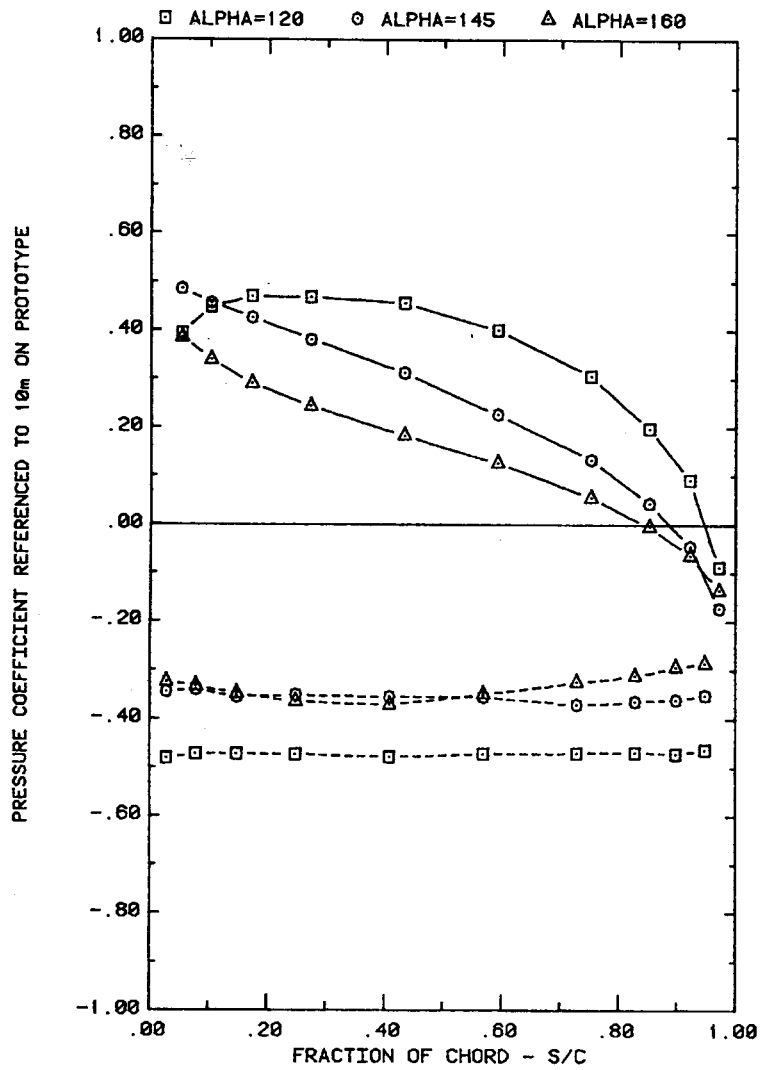


FRONT AND BACK PRESSURES ON ARRAY #2 IN BOUNDARY LAYER
EFFECT OF ATTACK ANGLE FOR SPACING = 1.5C



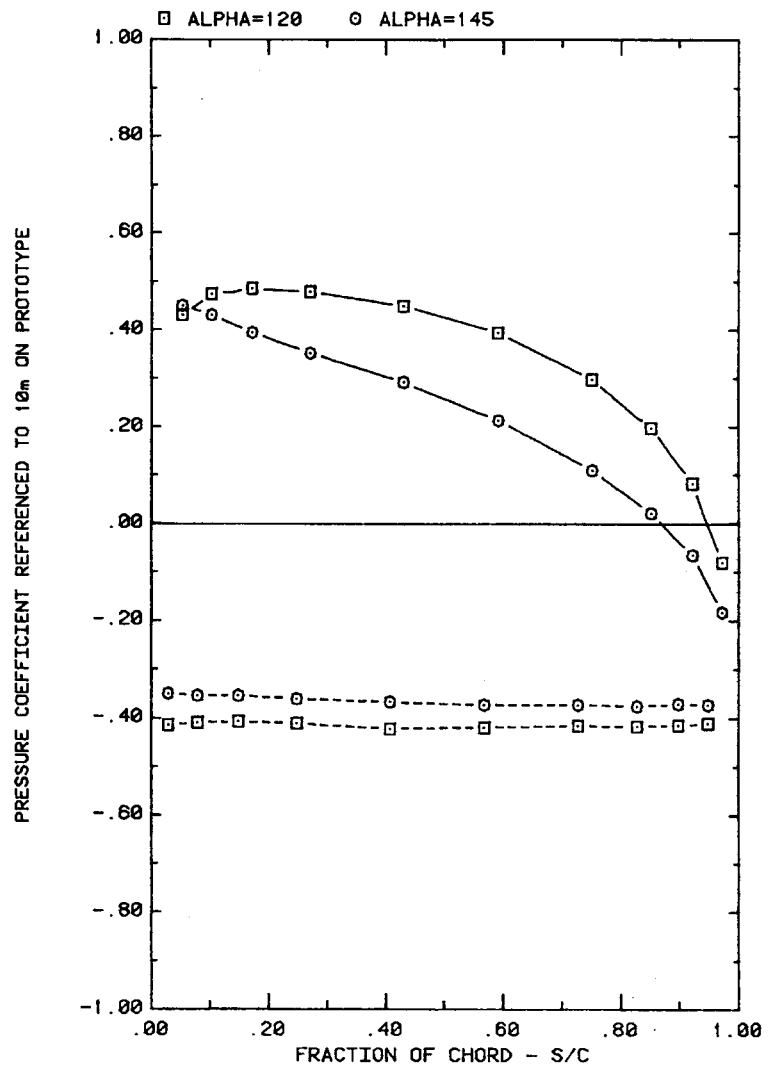
FRONT AND BACK PRESSURES ON ARRAY #2 IN BOUNDARY LAYER
EFFECT OF ATTACK ANGLE FOR SPACING = 2C

Plot 2-2-1. (Continued)

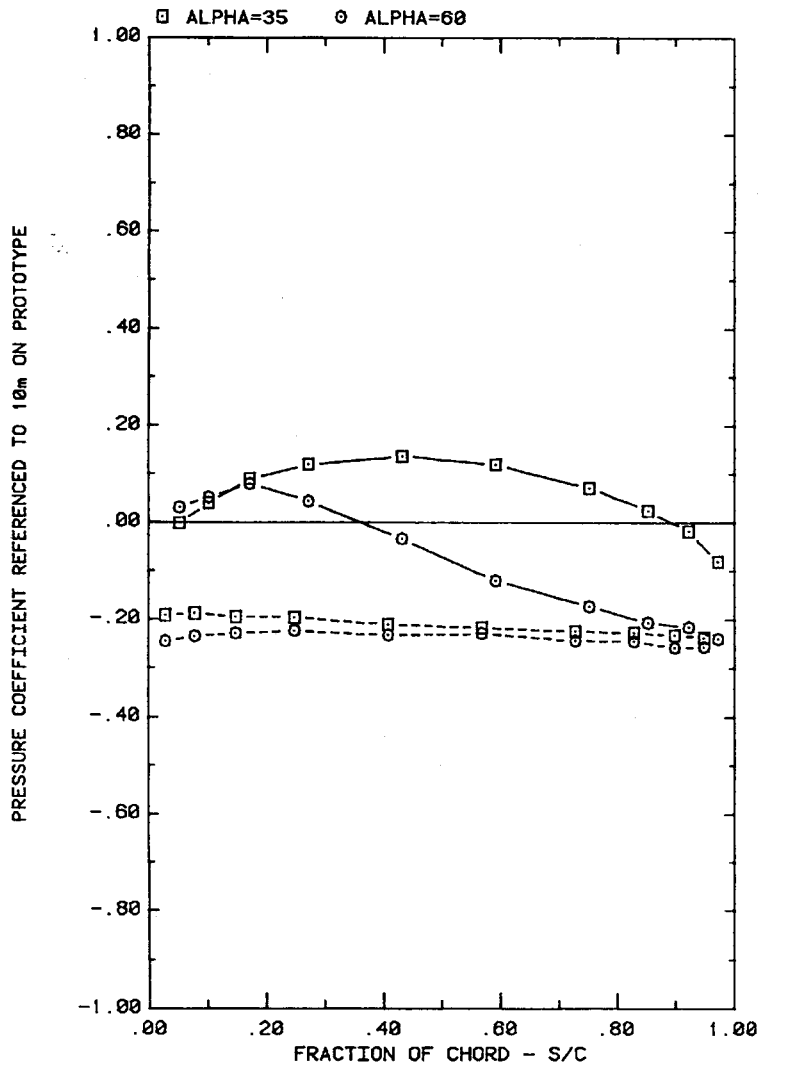


FRONT AND BACK PRESSURES ON ARRAY #1 IN BOUNDARY LAYER
EFFECT OF ATTACK ANGLE FOR SPACING = 2C

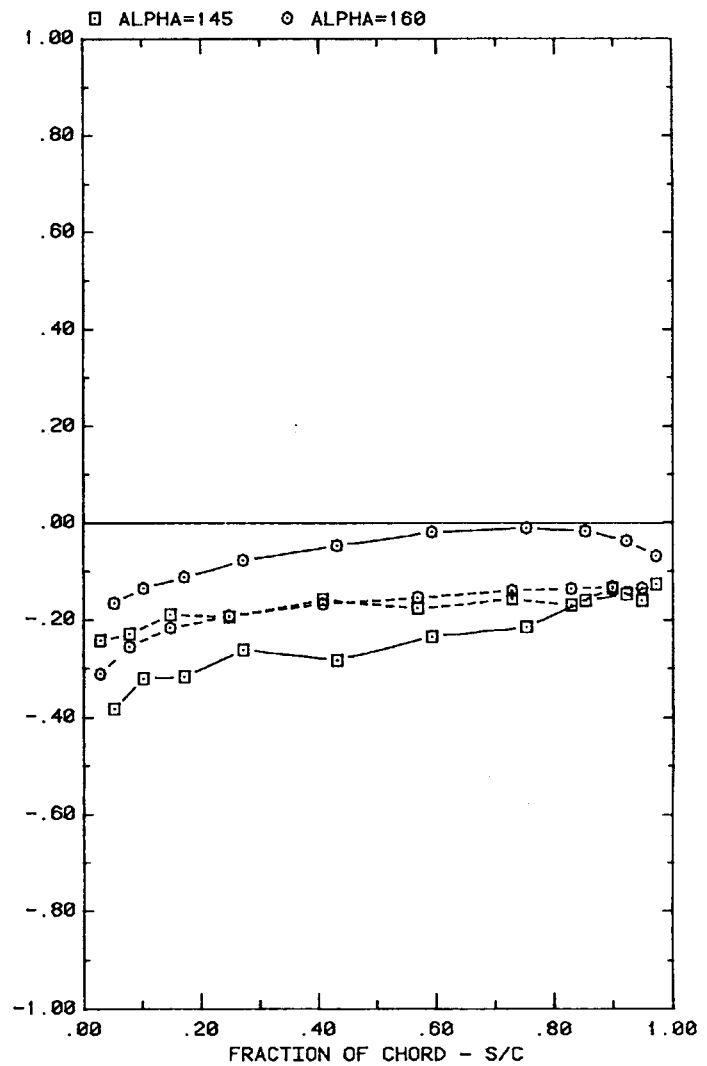
Plot 2-2-1. (Continued)



FRONT AND BACK PRESSURES ON ARRAY #1 IN BOUNDARY LAYER
EFFECT OF ATTACK ANGLE FOR SPACING = 3C

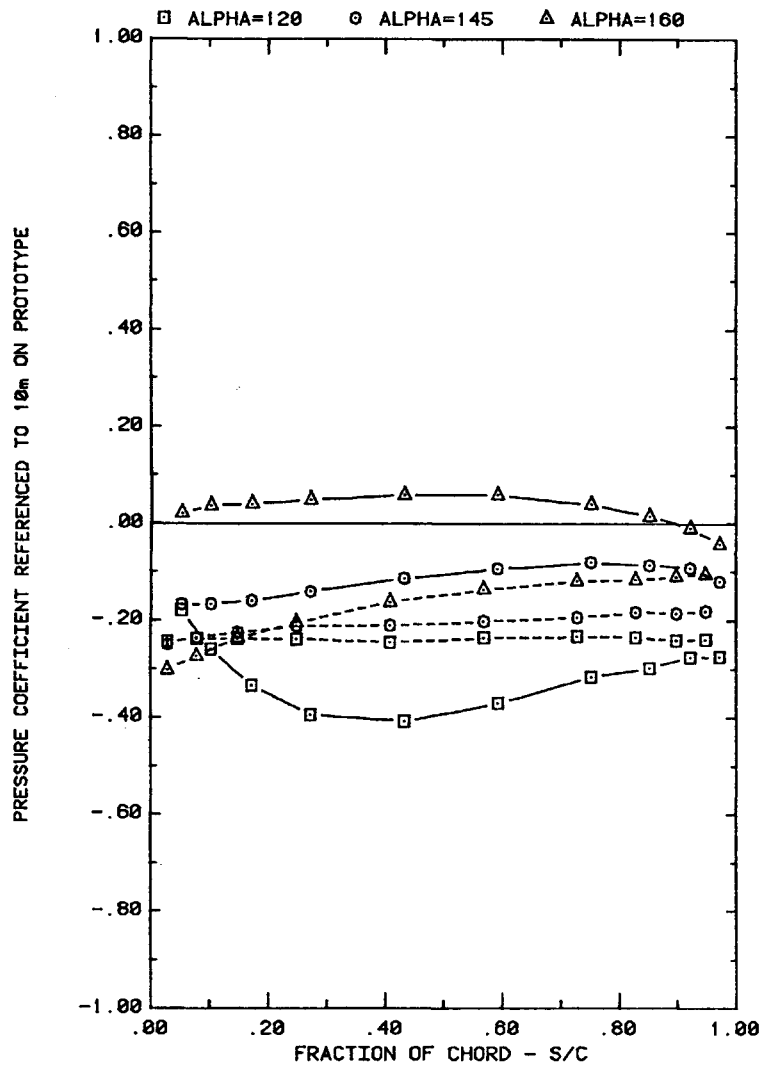


FRONT AND BACK PRESSURES ON ARRAY #2 IN BOUNDARY LAYER
EFFECT OF ATTACK ANGLE FOR SPACING = 3C

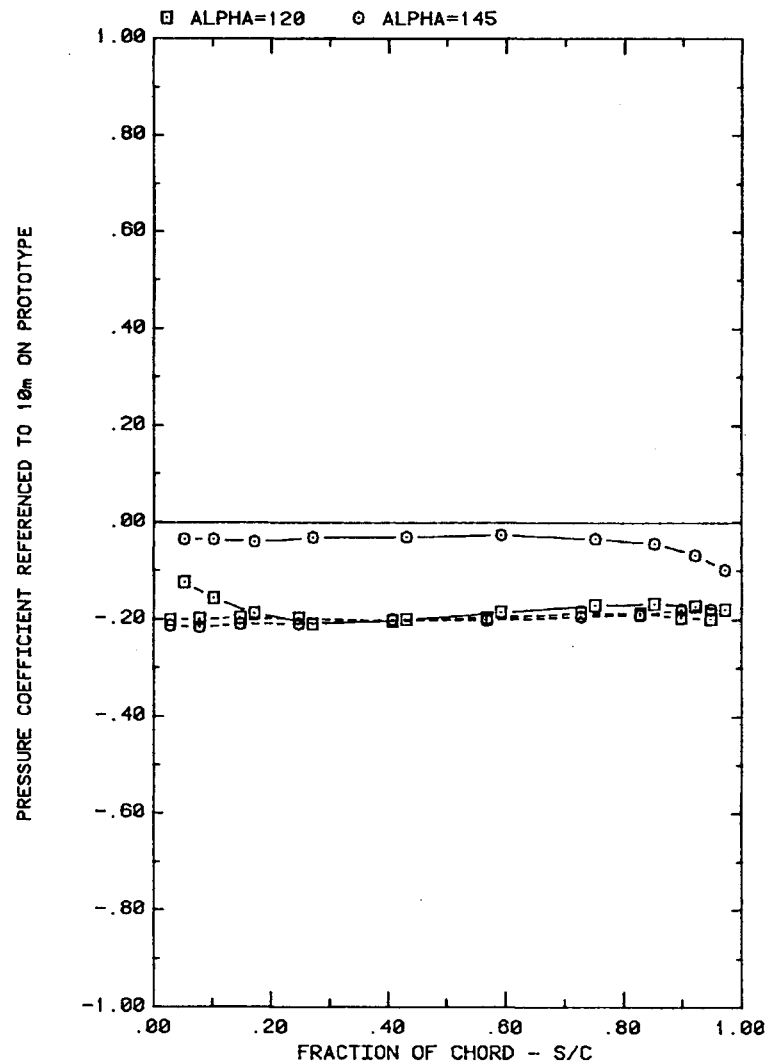


FRONT AND BACK PRESSURES ON ARRAY #2 IN BOUNDARY LAYER
EFFECT OF ATTACK ANGLE FOR SPACING = 1.5C

Plot 2-2-1. (Continued)

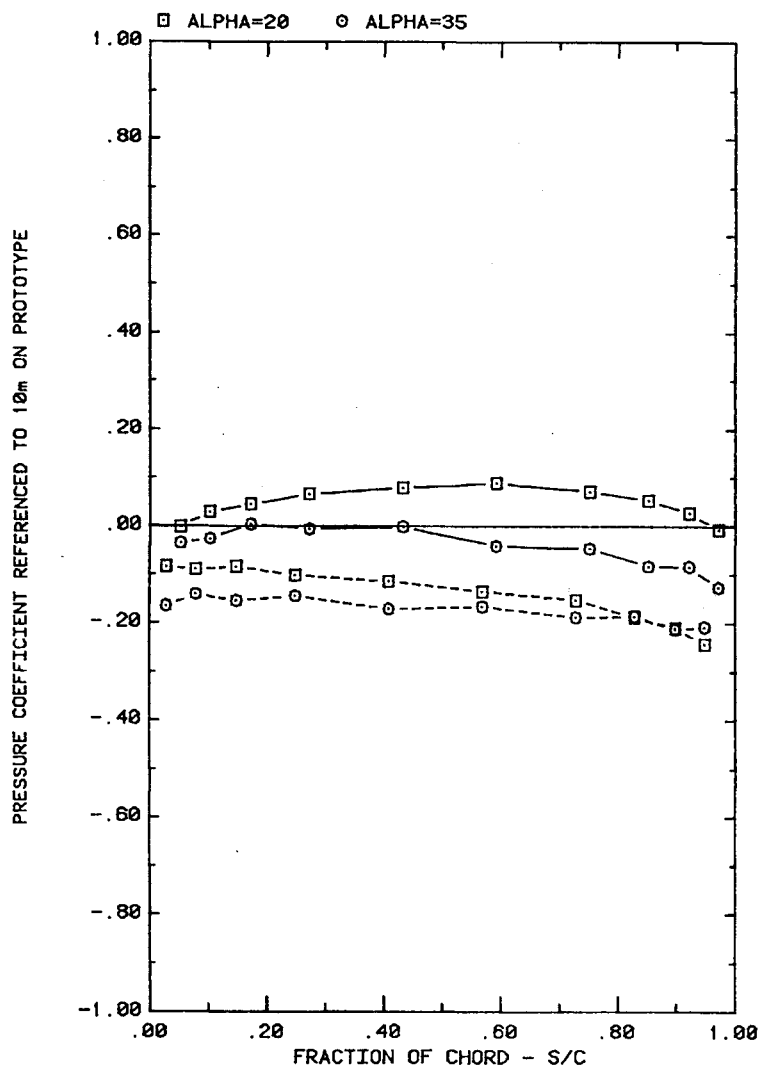


FRONT AND BACK PRESSURES ON ARRAY #2 IN BOUNDARY LAYER
EFFECT OF ATTACK ANGLE FOR SPACING = 2C

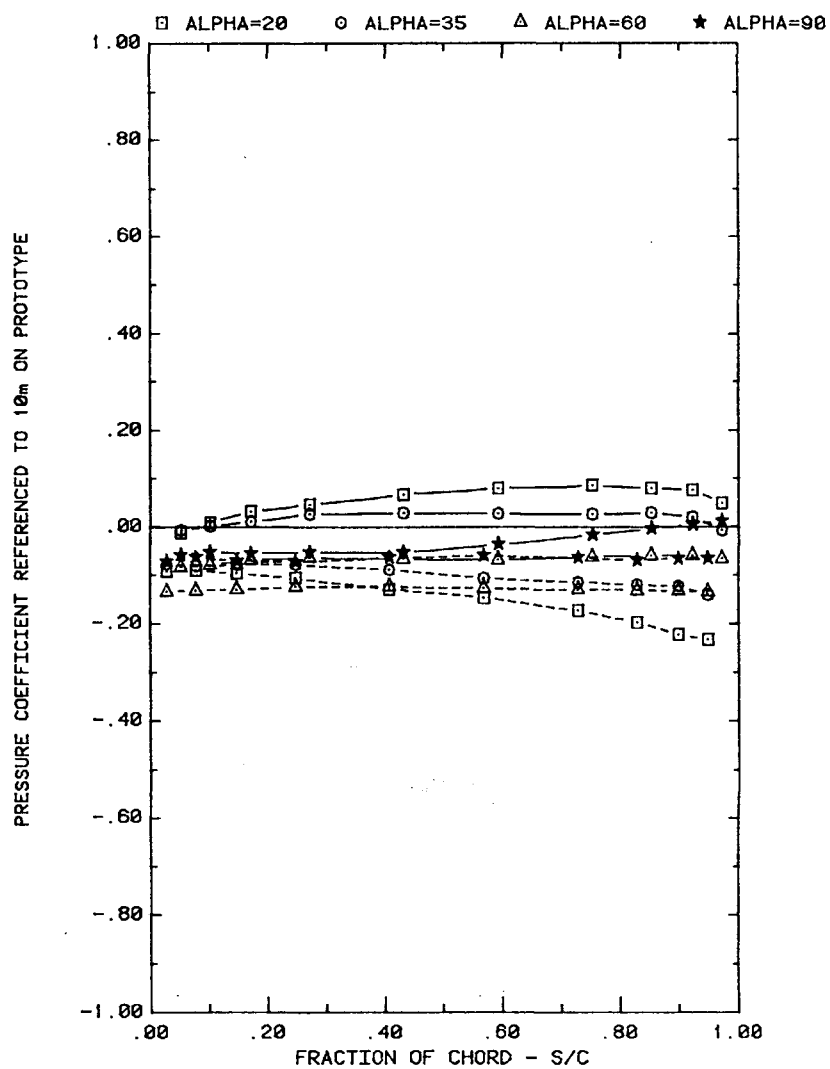


FRONT AND BACK PRESSURES ON ARRAY #2 IN BOUNDARY LAYER
EFFECT OF ATTACK ANGLE FOR SPACING = 3C

Plot 2-2-1. (Continued)

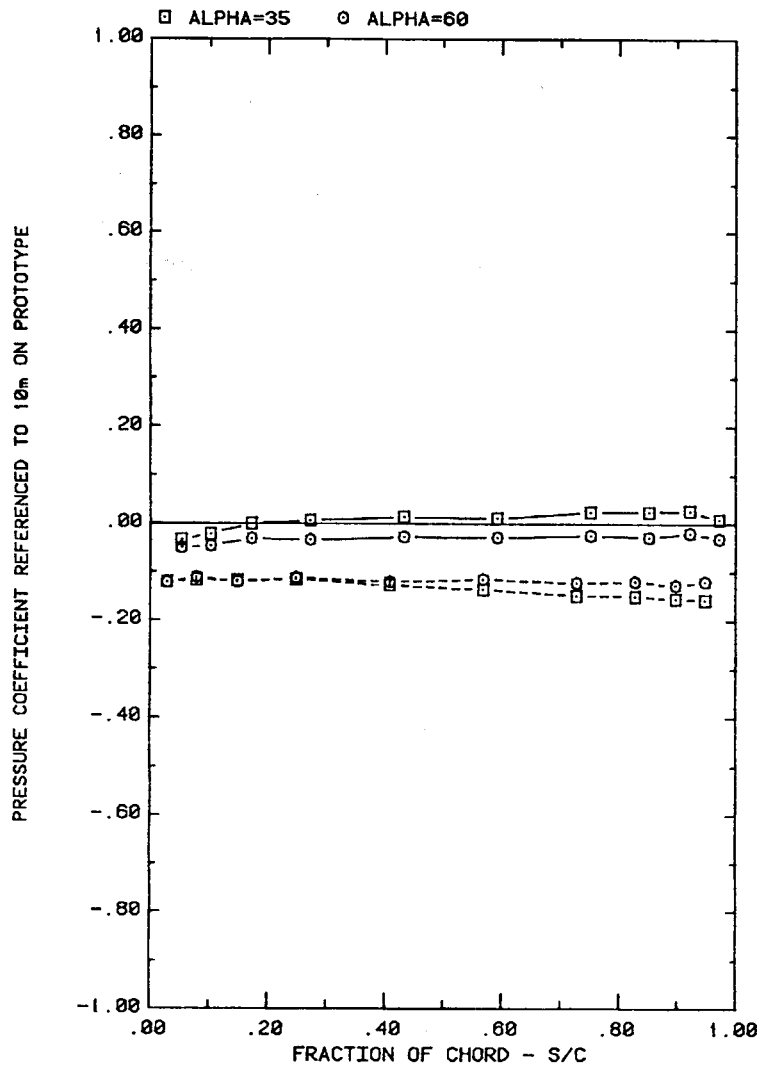


FRONT AND BACK PRESSURES ON ARRAY #5 IN BOUNDARY LAYER
EFFECT OF ATTACK ANGLE FOR SPACING = 1.5C

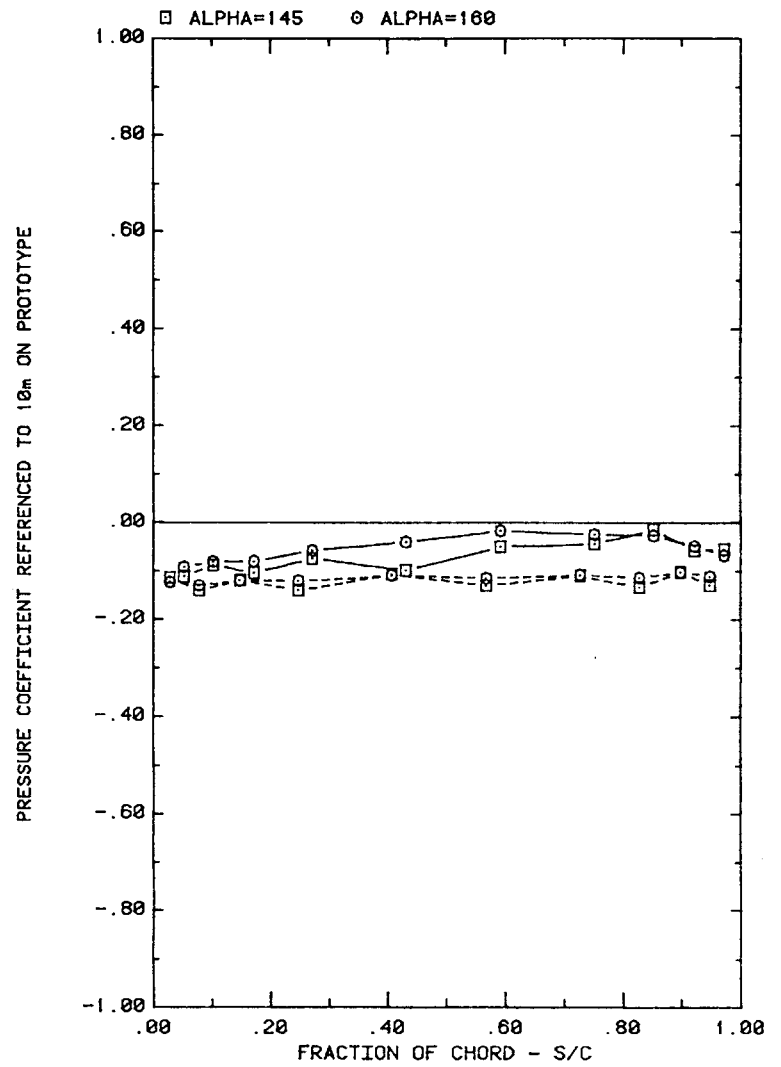


FRONT AND BACK PRESSURES ON ARRAY #5 IN BOUNDARY LAYER
EFFECT OF ATTACK ANGLE FOR SPACING = 2C

Plot 2-2-1. (Continued)

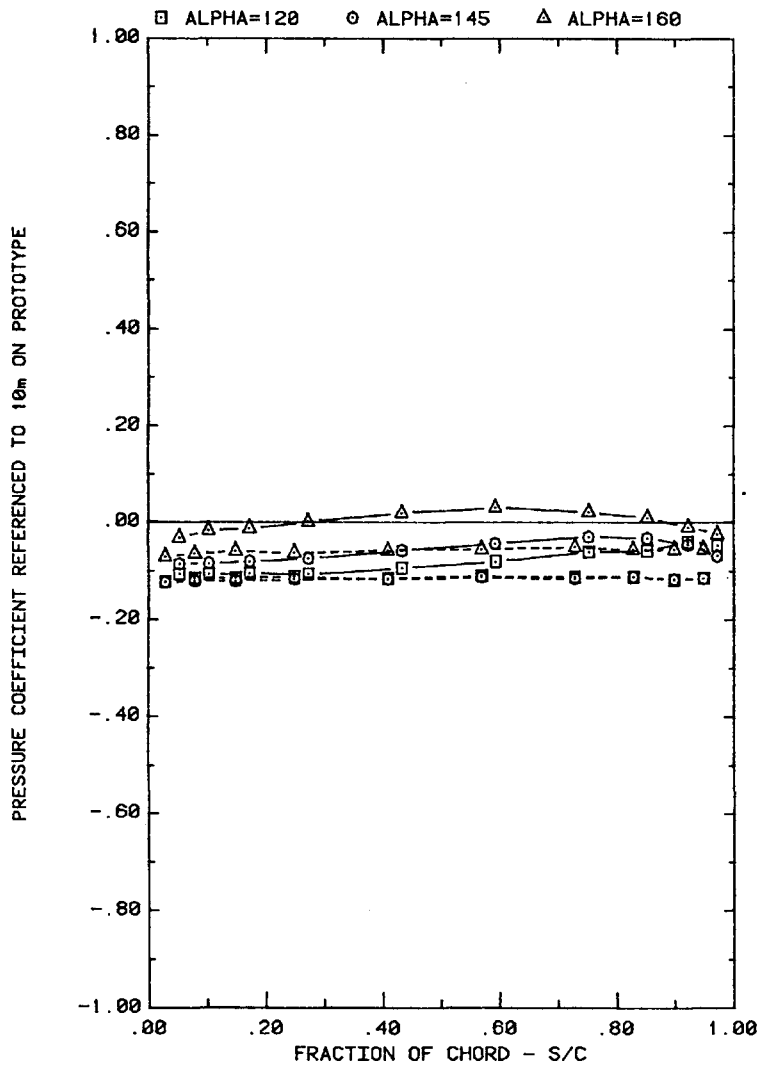


FRONT AND BACK PRESSURES ON ARRAY #4 IN BOUNDARY LAYER
EFFECT OF ATTACK ANGLE FOR SPACING = 3C

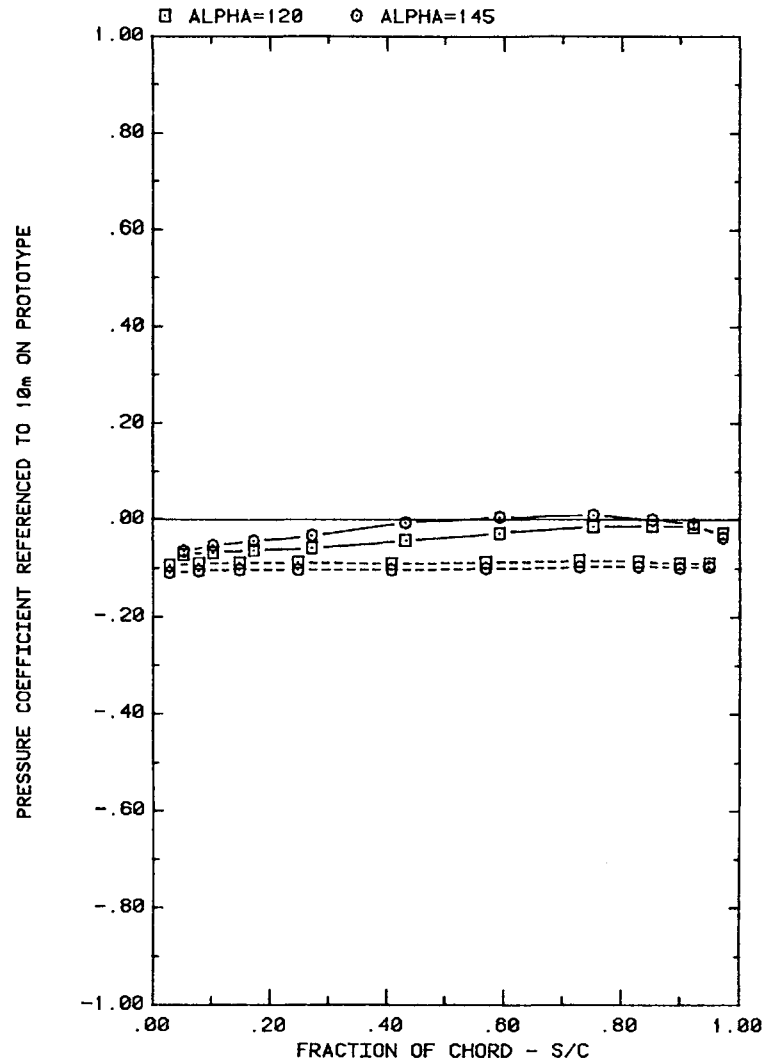


FRONT AND BACK PRESSURES ON ARRAY #5 IN BOUNDARY LAYER
EFFECT OF ATTACK ANGLE FOR SPACING = 1.5C

Plot 2-2-1. (Continued)

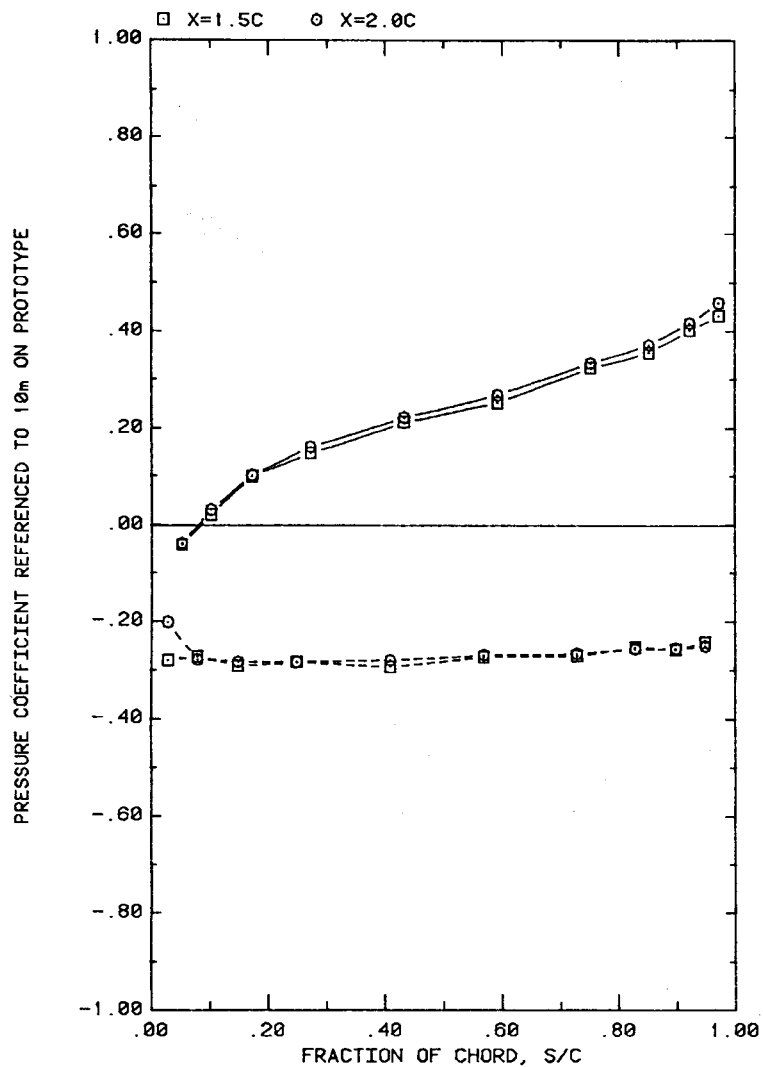


FRONT AND BACK PRESSURES ON ARRAY #5 IN BOUNDARY LAYER
 EFFECT OF ATTACK ANGLE FOR SPACING = 2C

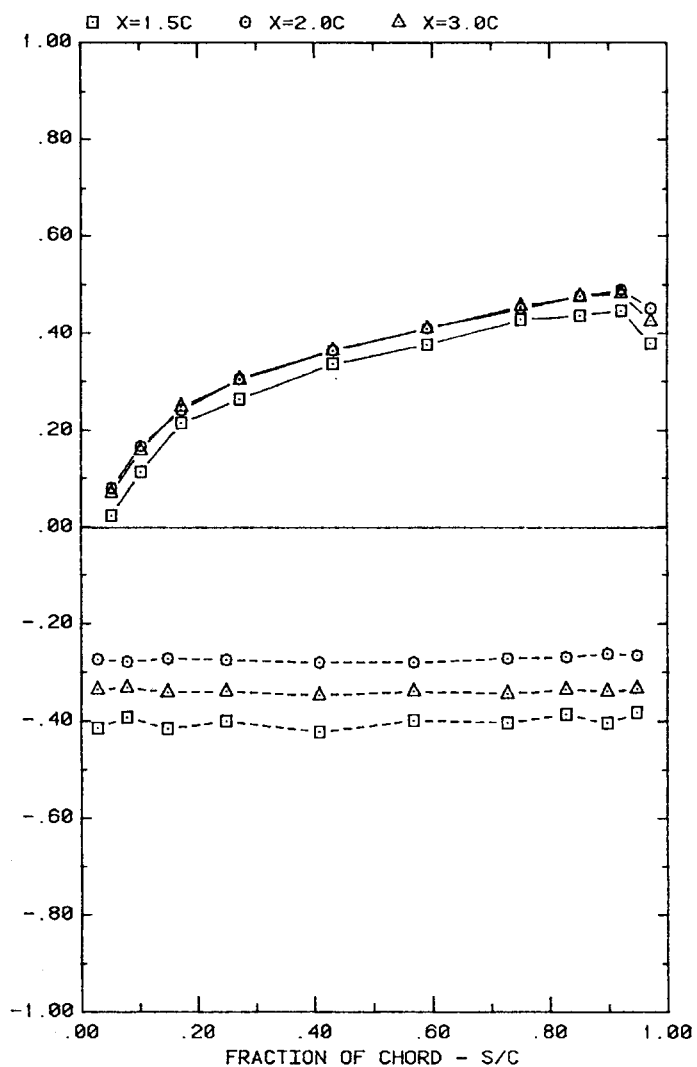


FRONT AND BACK PRESSURES ON ARRAY #4 IN BOUNDARY LAYER
 EFFECT OF ATTACK ANGLE FOR SPACING = 3C

Plot 2-2-1. (Concluded)

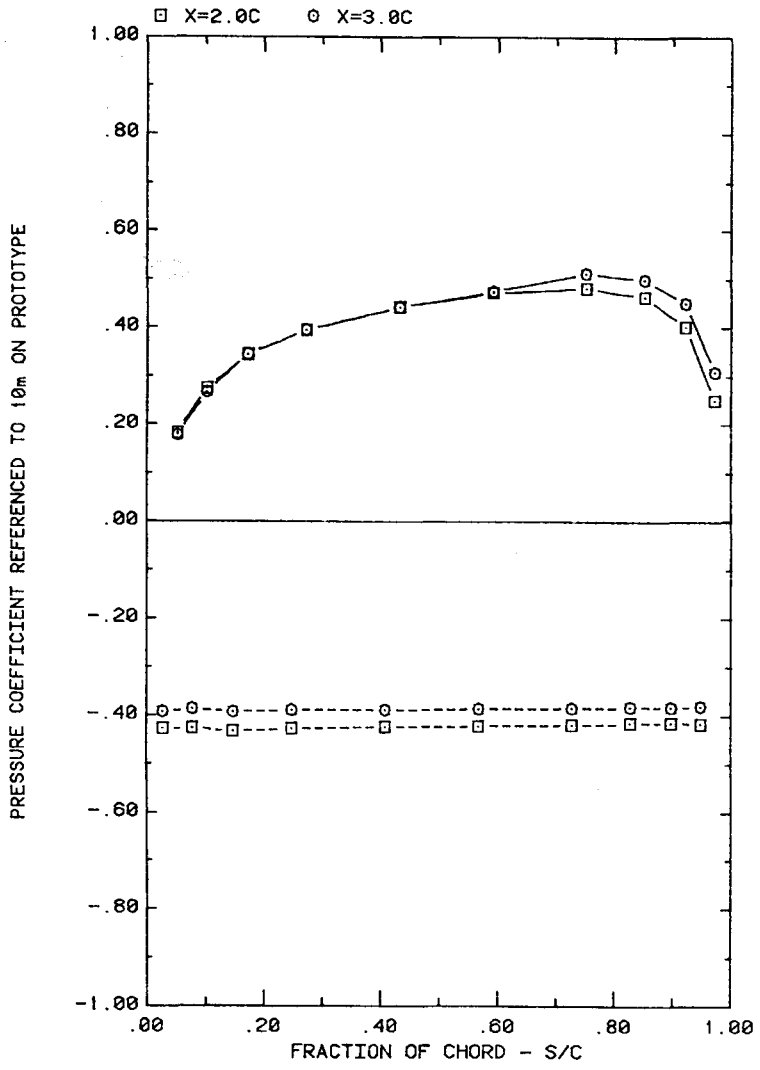


FRONT AND BACK PRESSURES ON ARRAY #1 IN BOUNDARY LAYER
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 20° , $H/C = 0.25$

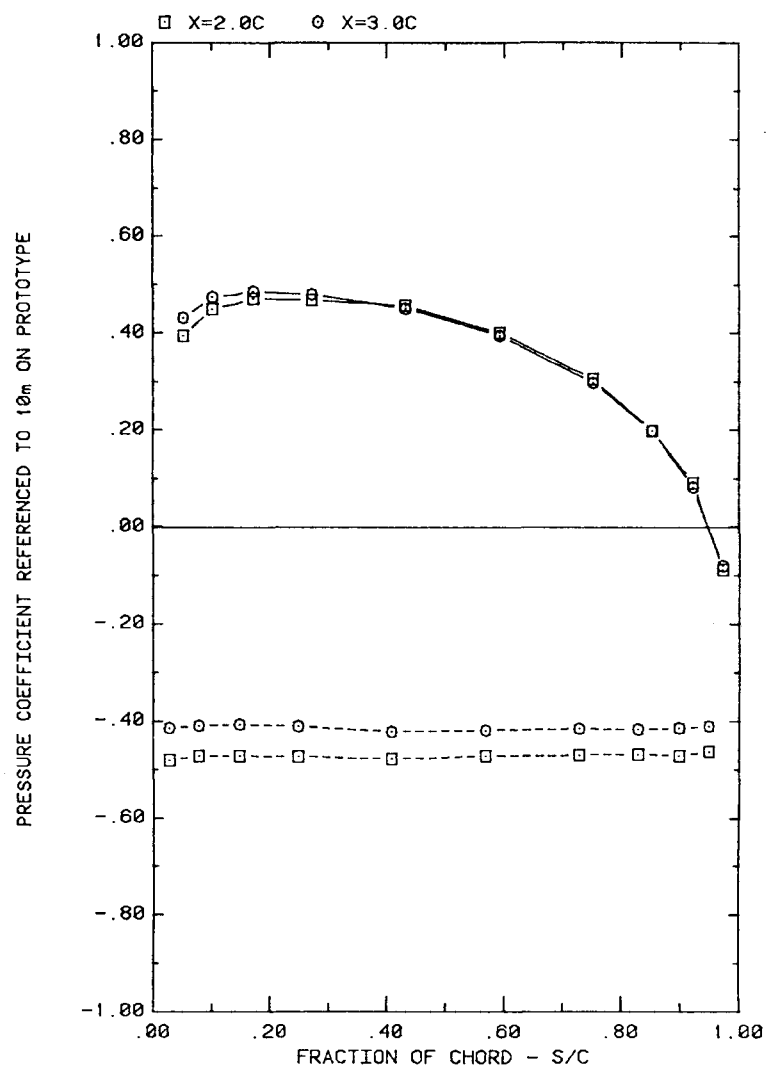


FRONT AND BACK PRESSURES ON ARRAY #1 IN BOUNDARY LAYER
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 35° , $H/C = 0.25$

Plot 2-2-2. Multiple Arrays without Fence, Nonuniform Flow Study
Effect of Separation Distance

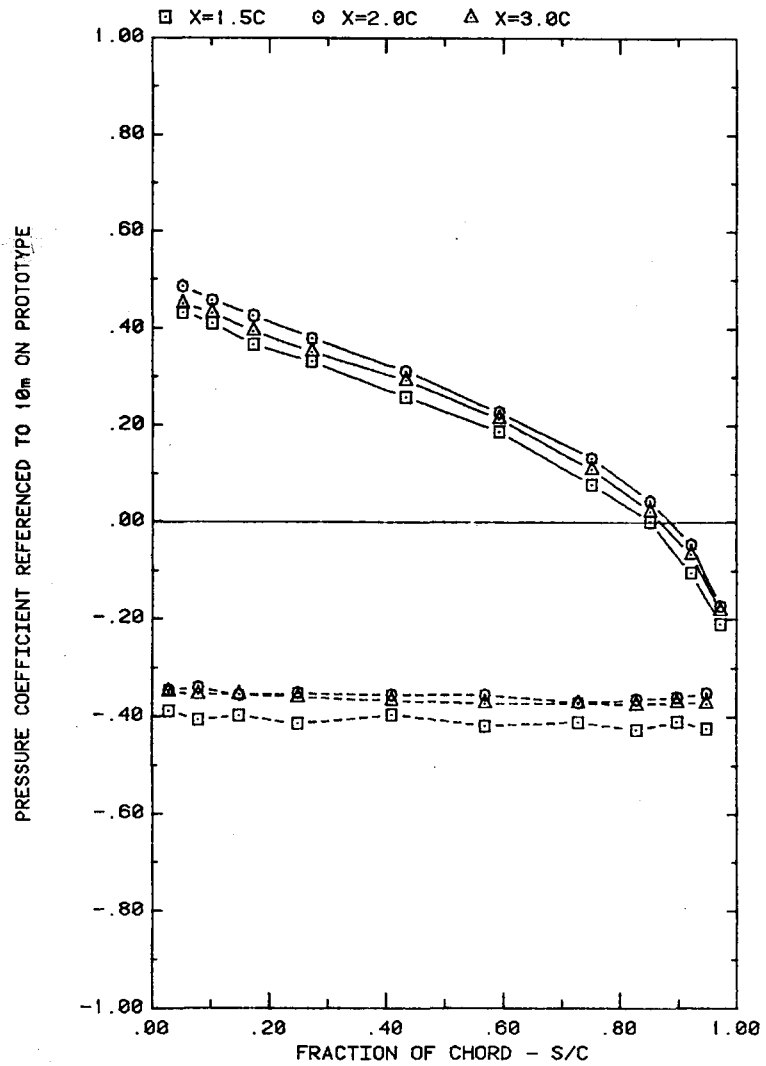


FRONT AND BACK PRESSURES ON ARRAY #1 IN BOUNDARY LAYER
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 60, H/C = 0.25

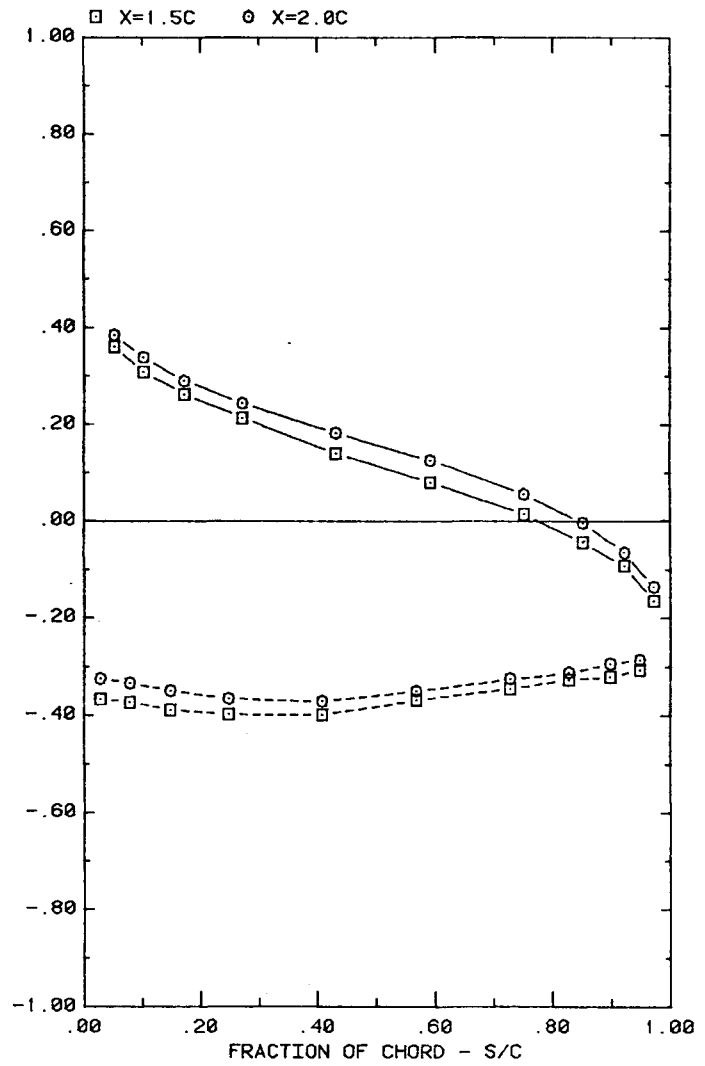


FRONT AND BACK PRESSURES ON ARRAY #1 IN BOUNDARY LAYER
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 120, H/C = 0.25

Plot 2-2-2. (Continued)

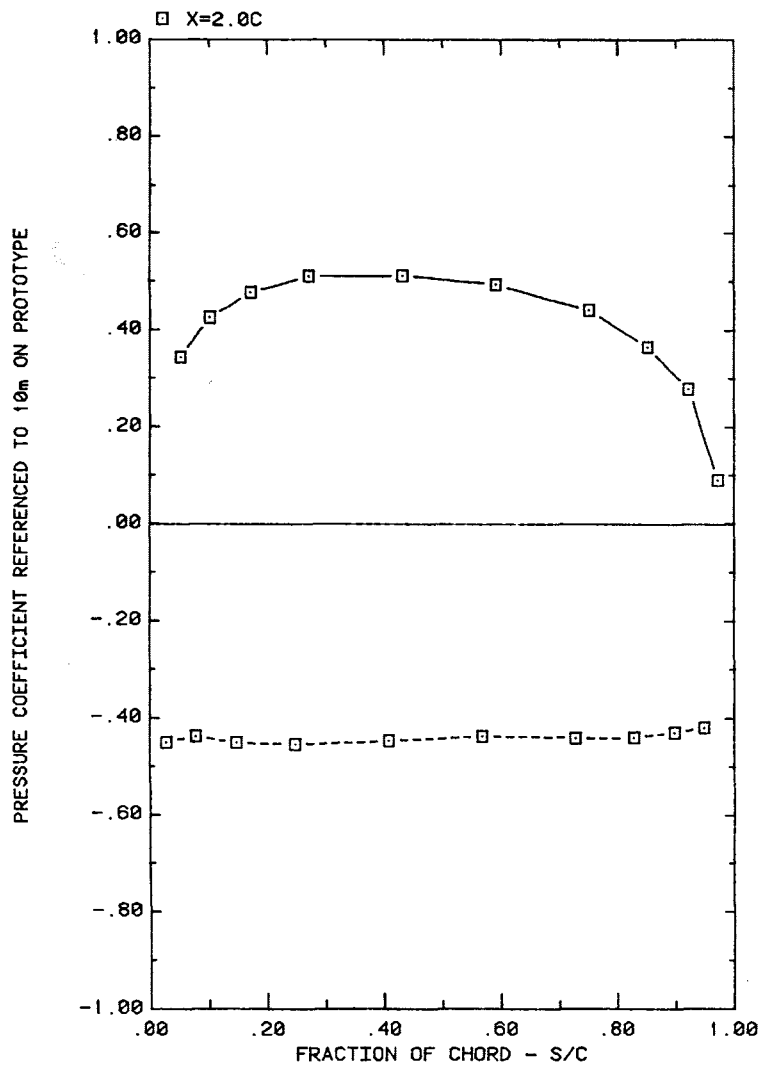


FRONT AND BACK PRESSURES ON ARRAY #1 IN BOUNDARY LAYER
 EFFECT OF SEPARATION (X) ON ATTACK ANGLE 145, H/C = 0.25

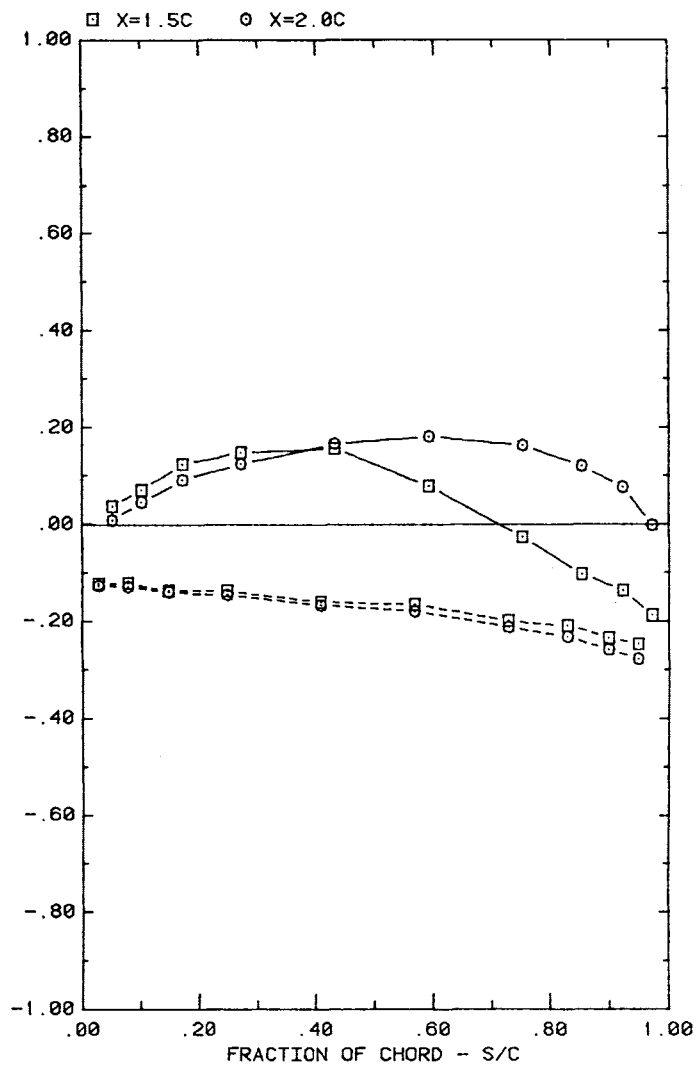


FRONT AND BACK PRESSURES ON ARRAY #1 IN BOUNDARY LAYER
 EFFECT OF SEPARATION (X) ON ATTACK ANGLE 160, H/C = 0.25

Plot 2-2-2. (Continued)

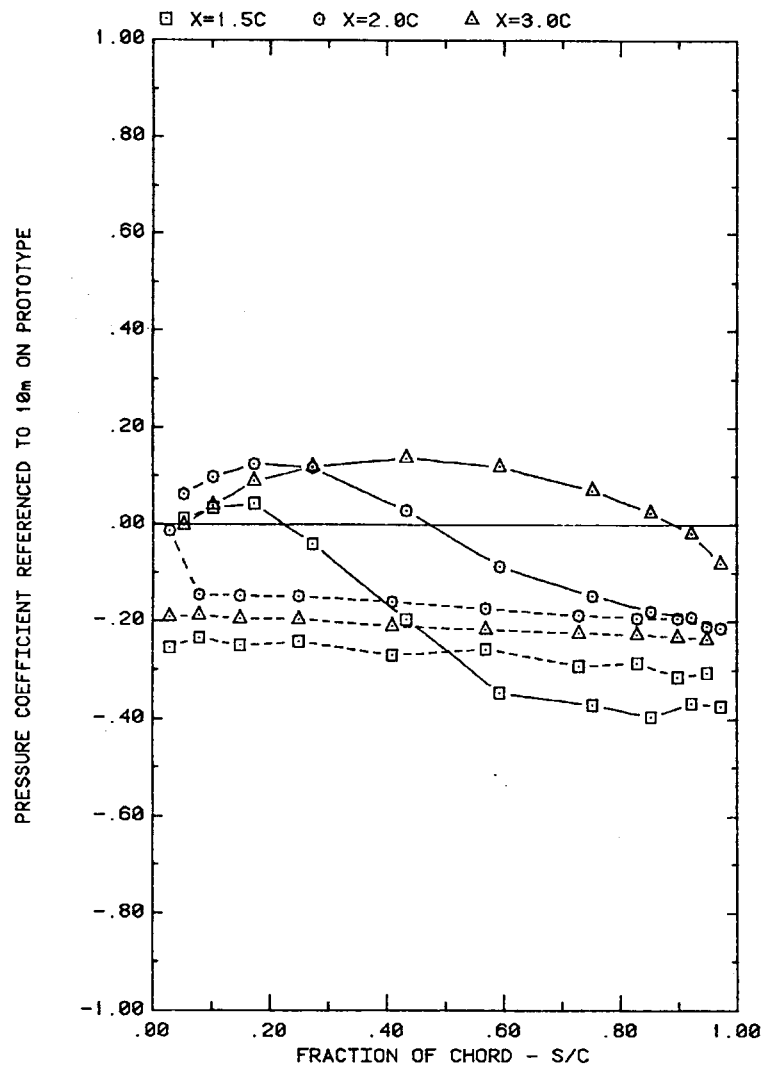


FRONT AND BACK PRESSURES ON ARRAY #1 IN BOUNDARY LAYER
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 90, H/C = 0.25

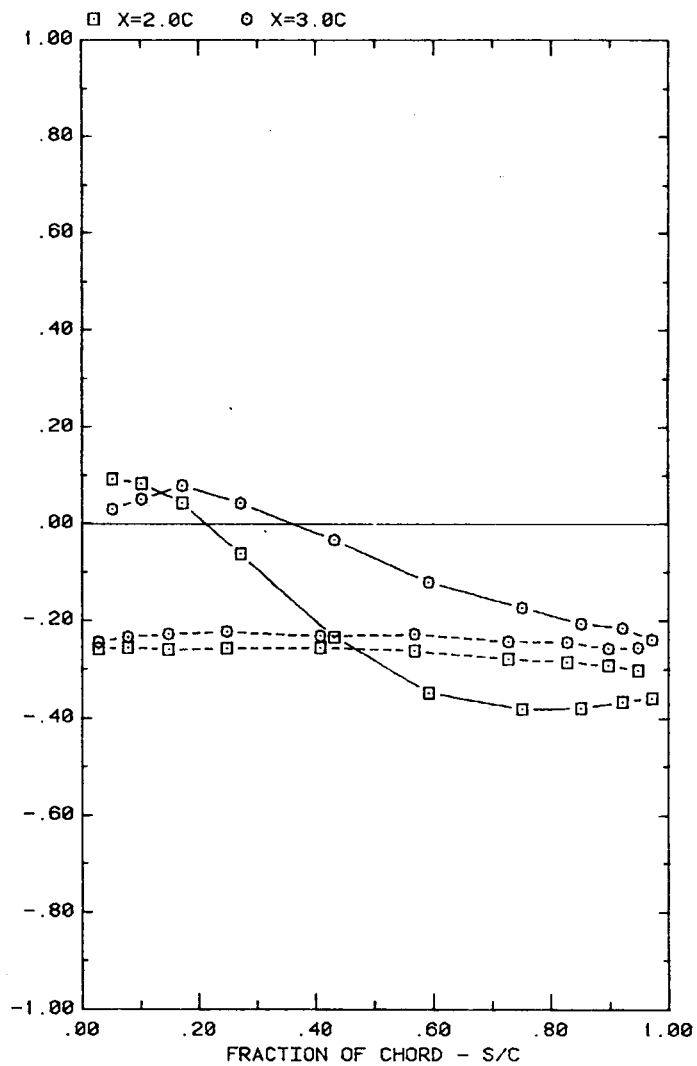


FRONT AND BACK PRESSURES ON ARRAY #2 IN BOUNDARY LAYER
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 20, H/C = 0.25

Plot 2-2-2. (Continued)

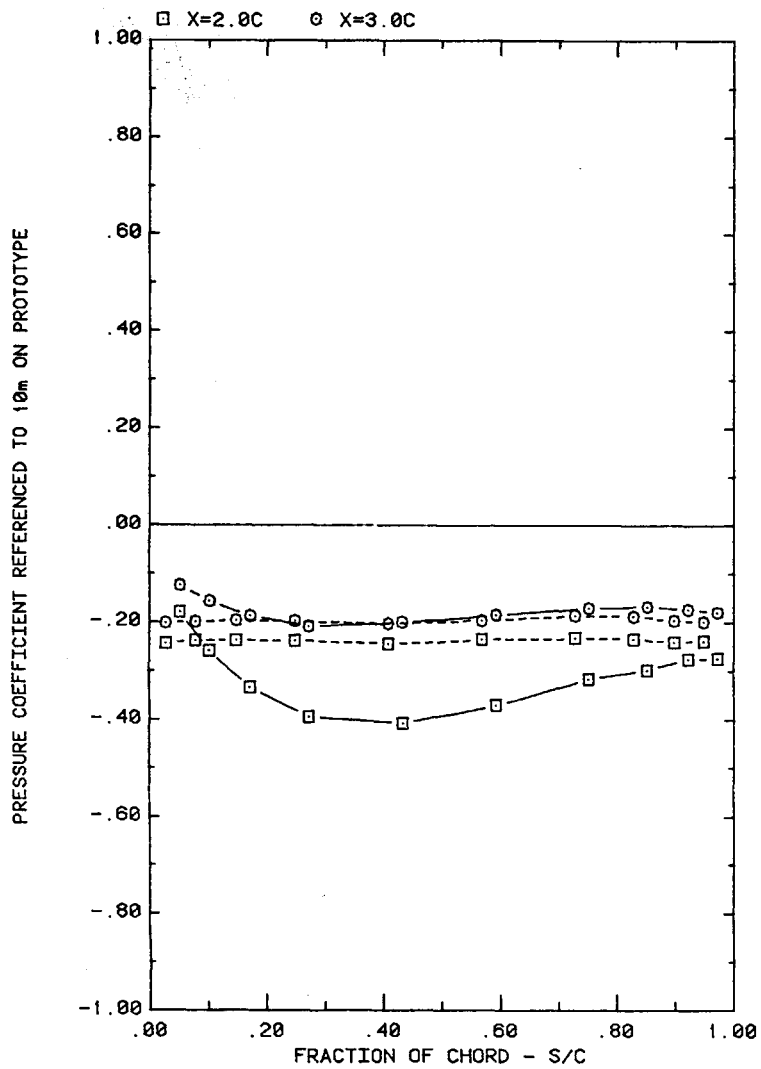


FRONT AND BACK PRESSURES ON ARRAY #2 IN BOUNDARY LAYER
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 35, H/C = 0.25

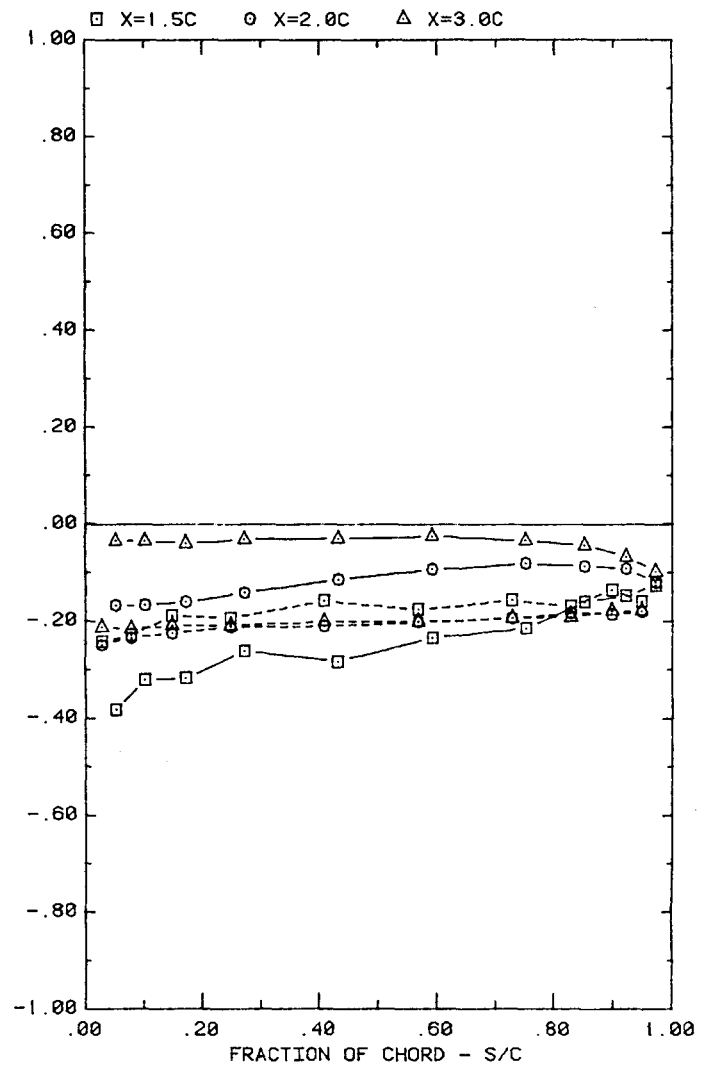


FRONT AND BACK PRESSURES ON ARRAY #2 IN BOUNDARY LAYER
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 60, H/C = 0.25

Plot 2-2-2. (Continued)

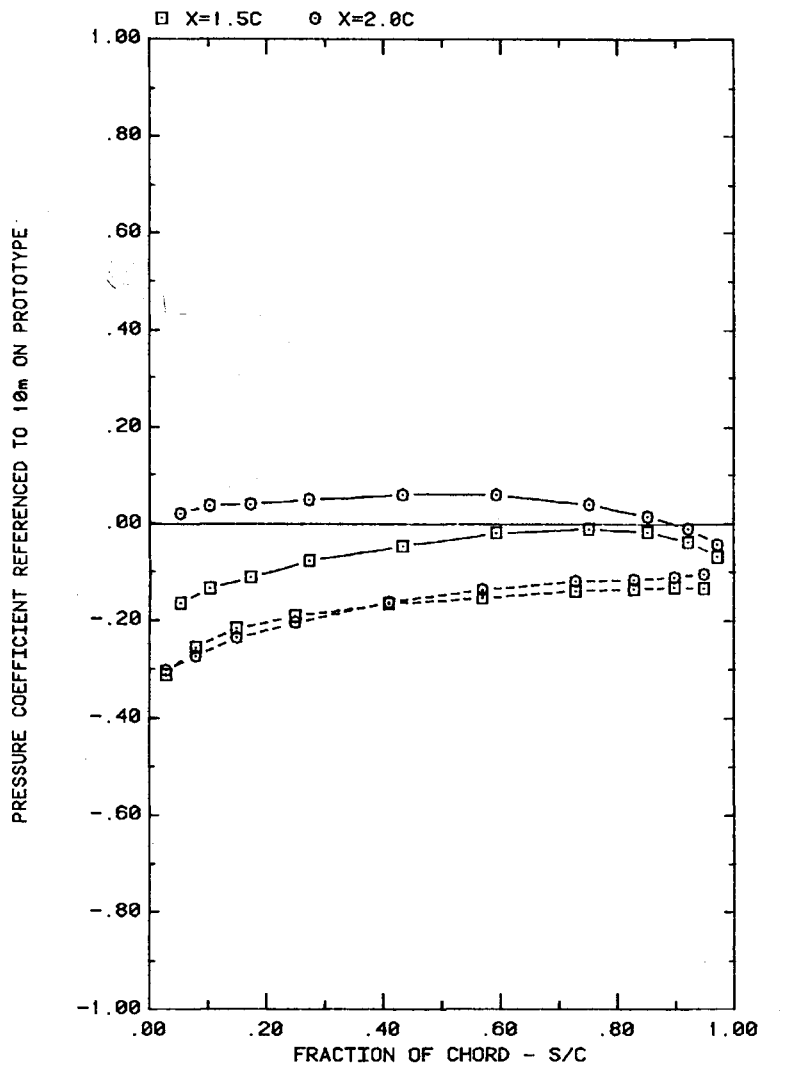


FRONT AND BACK PRESSURES ON ARRAY #2 IN BOUNDARY LAYER
 EFFECT OF SEPARATION (X) ON ATTACK ANGLE 120° , $H/C = 0.25$

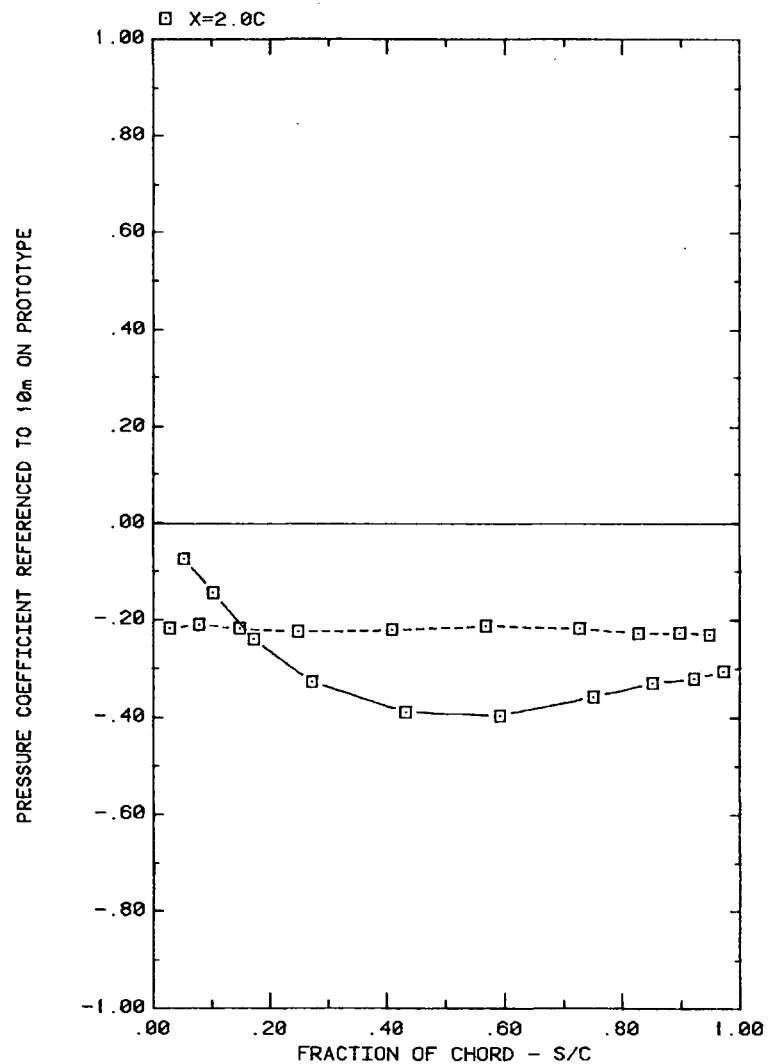


FRONT AND BACK PRESSURES ON ARRAY #2 IN BOUNDARY LAYER
 EFFECT OF SEPARATION (X) ON ATTACK ANGLE 145° , $H/C = 0.25$

Plot 2-2-2. (Continued)

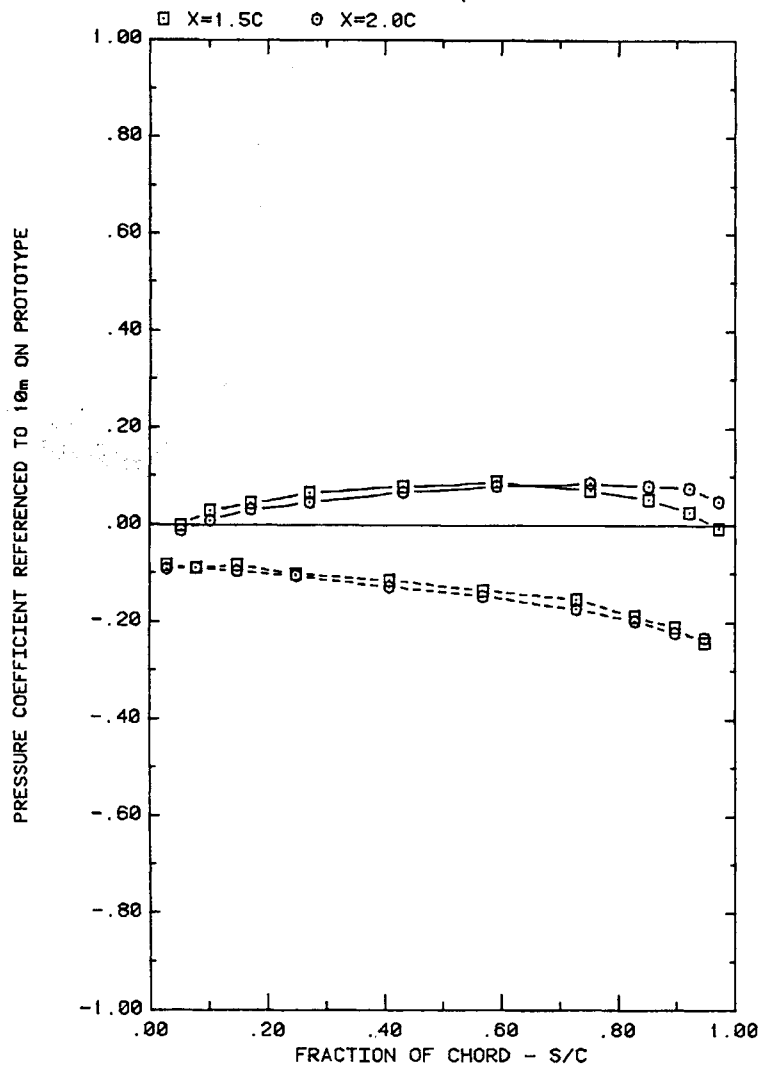


FRONT AND BACK PRESSURES ON ARRAY #2 IN BOUNDARY LAYER
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 160° , $H/C = 0.25$

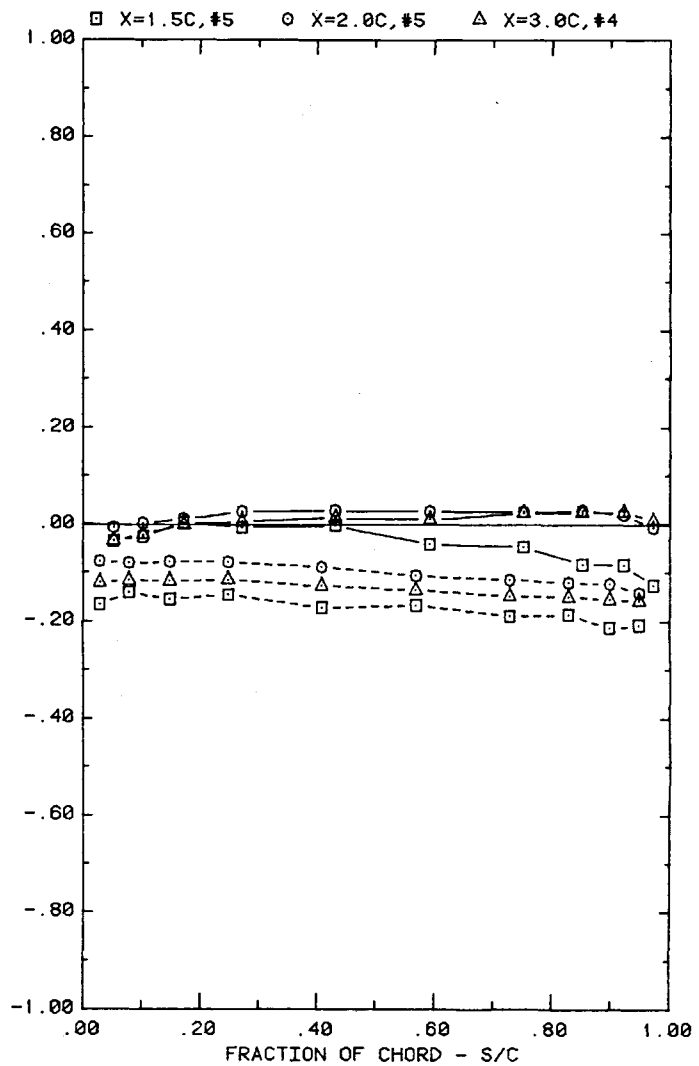


FRONT AND BACK PRESSURES ON ARRAY #2 IN BOUNDARY LAYER
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 90° , $H/C = 0.25$

Plot 2-2-2. (Continued)

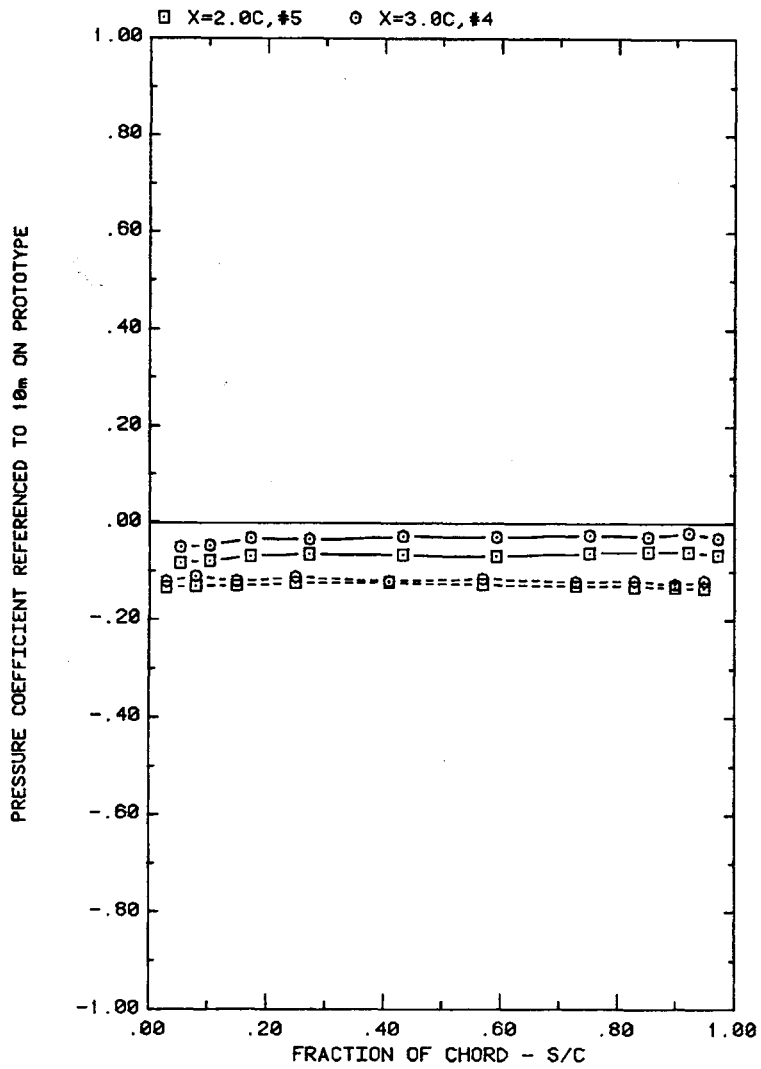


FRONT AND BACK PRESSURES ON ARRAY #5 IN BOUNDARY LAYER
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 20° , $H/C = 0.25$

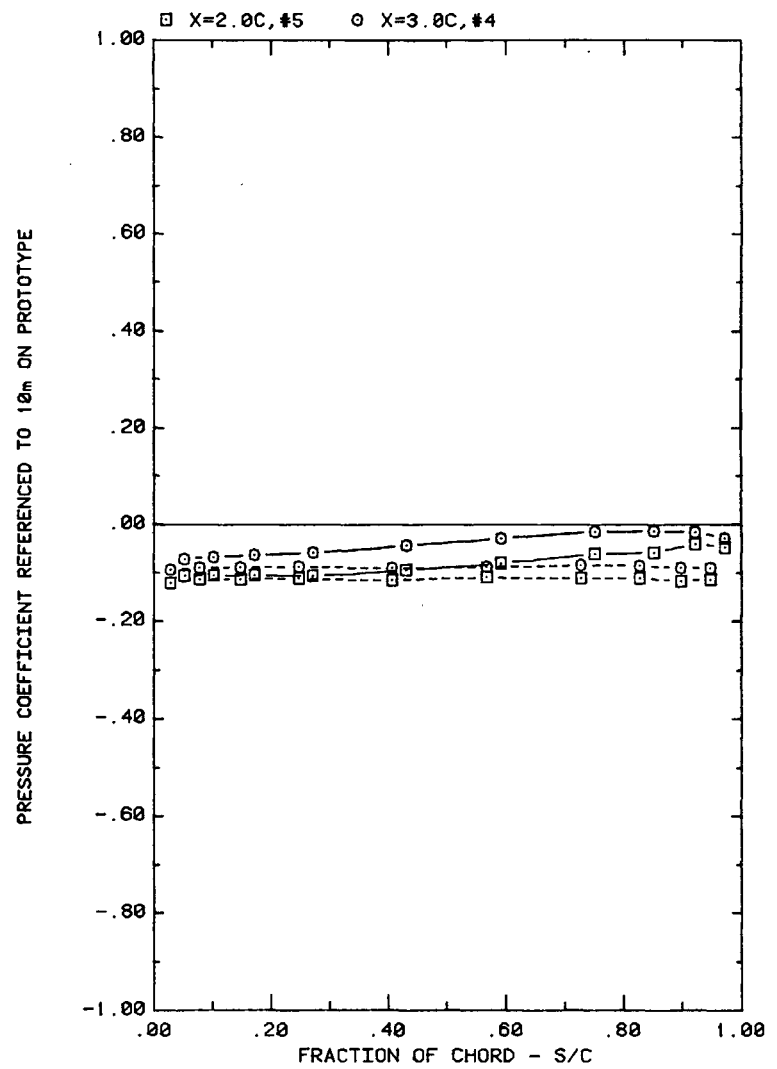


FRONT AND BACK PRESSURES ON ARRAY #4 OR #5 IN BOUNDARY LAYER
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 35° , $H/C = 0.25$

Plot 2-2-2. (Continued)

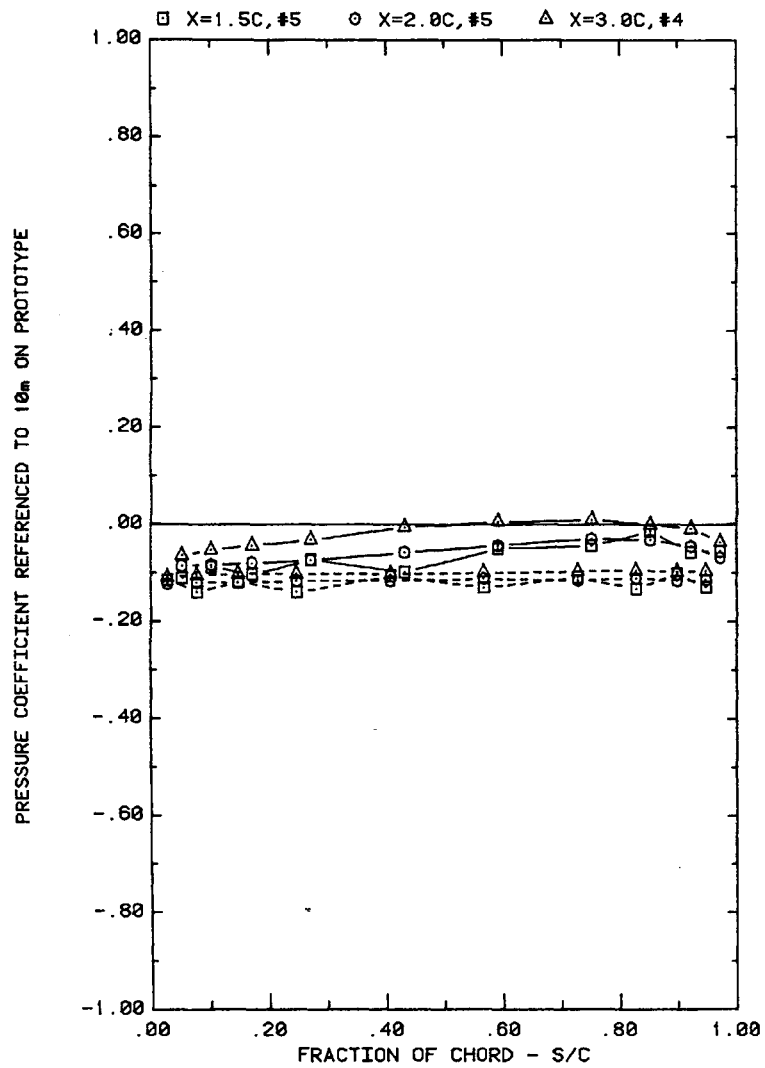


FRONT AND BACK PRESSURES ON ARRAY #4 OR #5 IN BOUNDARY LAYER
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 60, H/C = 0.25

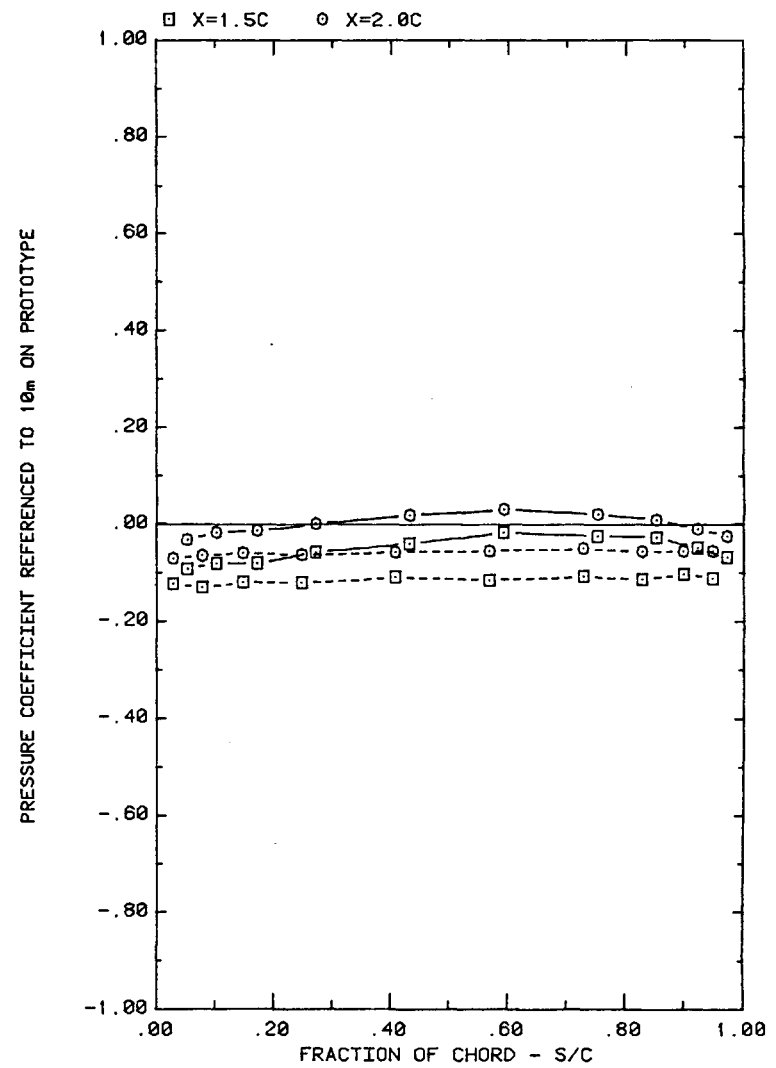


FRONT AND BACK PRESSURES ON ARRAY #4 OR #5 IN BOUNDARY LAYER
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 120, H/C = 0.25

Plot 2-2-2. (Continued)

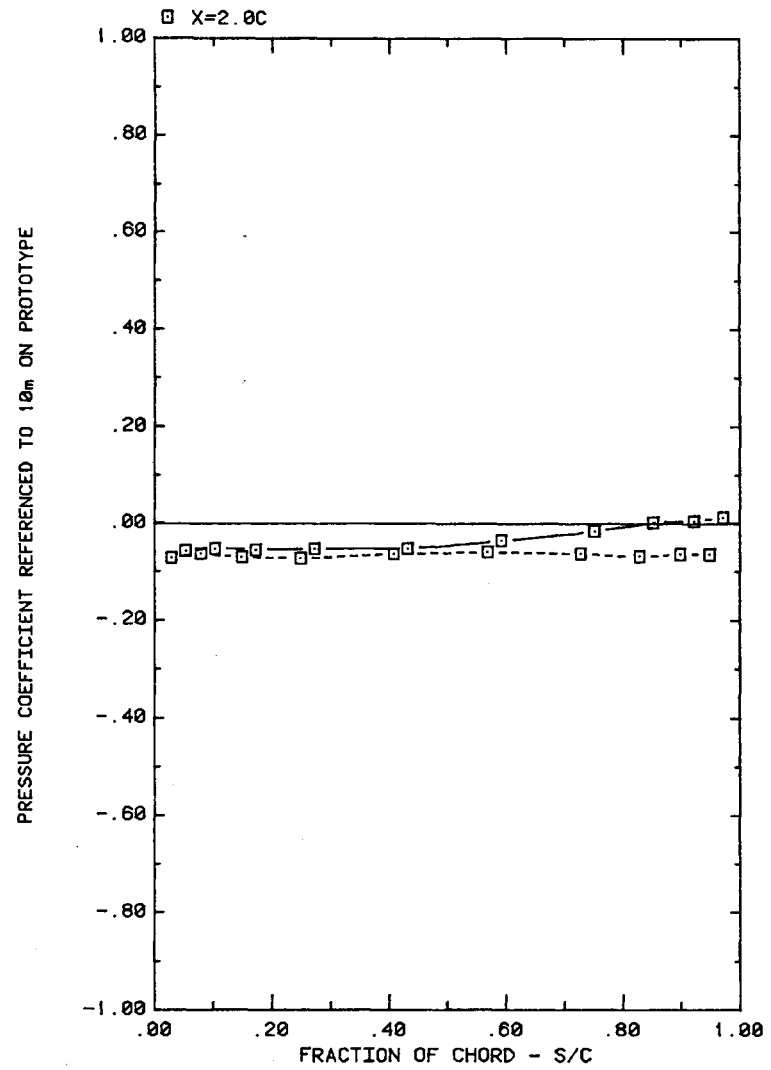


FRONT AND BACK PRESSURES ON ARRAY #4 OR #5 IN BOUNDARY LAYER
 EFFECT OF SEPARATION (X) ON ATTACK ANGLE 145, H/C = 0.25



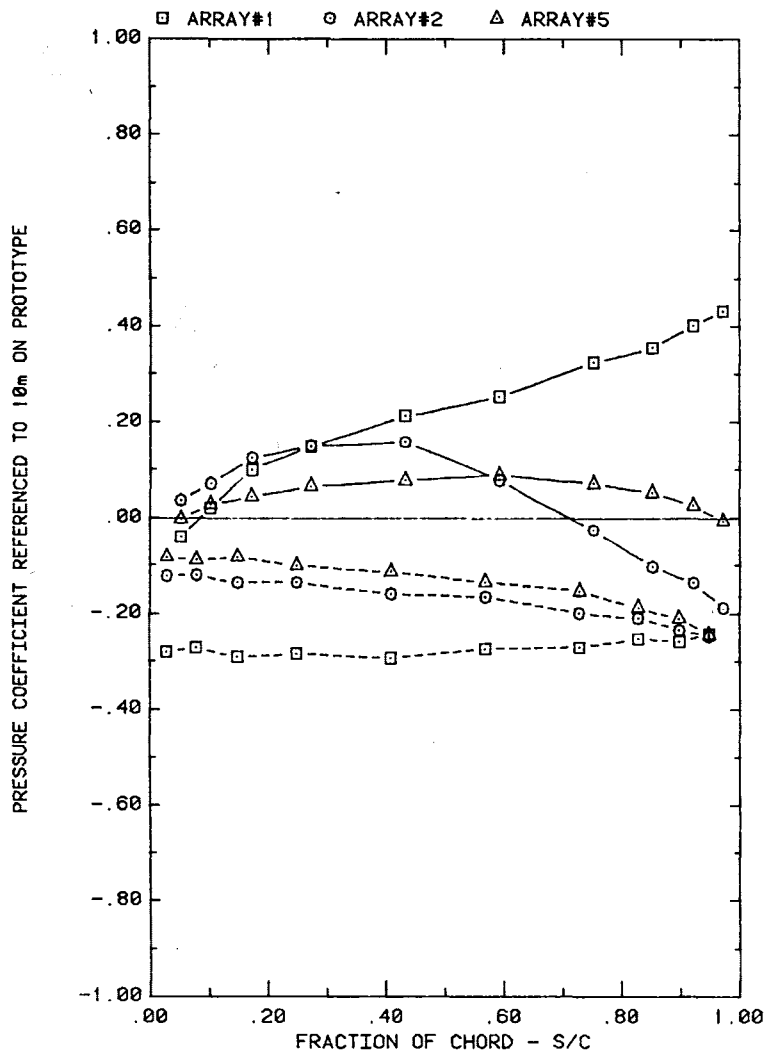
FRONT AND BACK PRESSURES ON ARRAY #5 IN BOUNDARY LAYER
 EFFECT OF SEPARATION (X) ON ATTACK ANGLE 160, H/C = 0.25

Plot 2-2-2. (Continued)

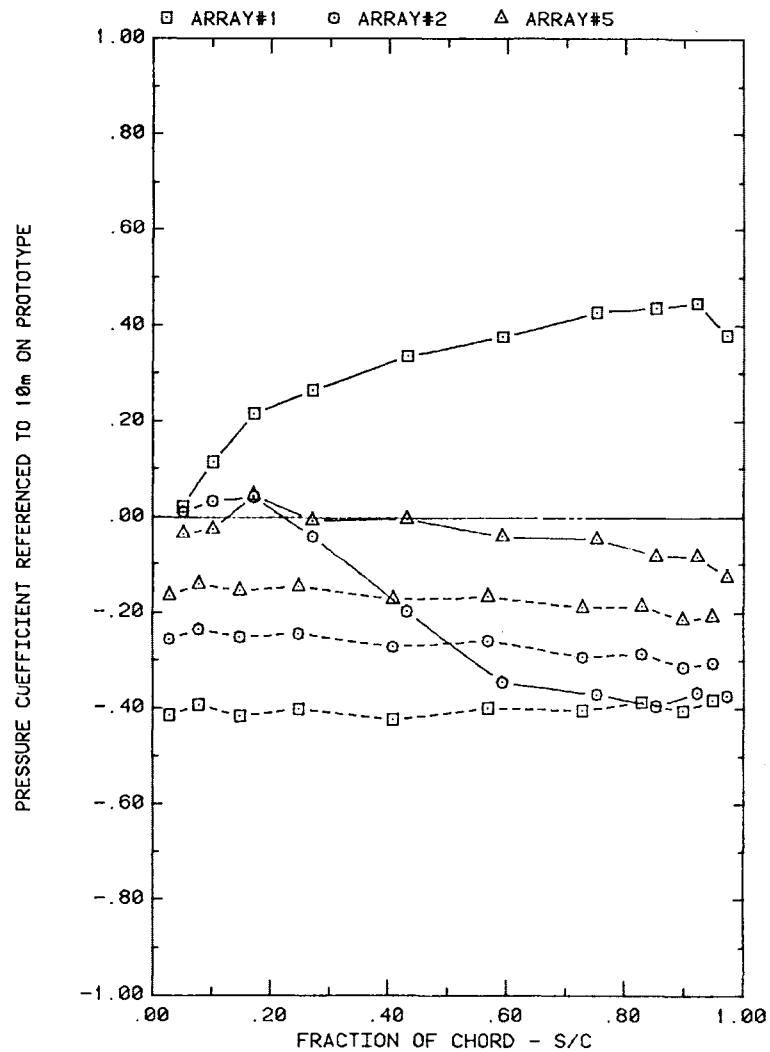


FRONT AND BACK PRESSURES ON ARRAY #5 IN BOUNDARY LAYER
EFFECT OF SEPARATION (X) ON ATTACK ANGLE 90, H/C = 0.25

Plot 2-2-2. (Concluded)

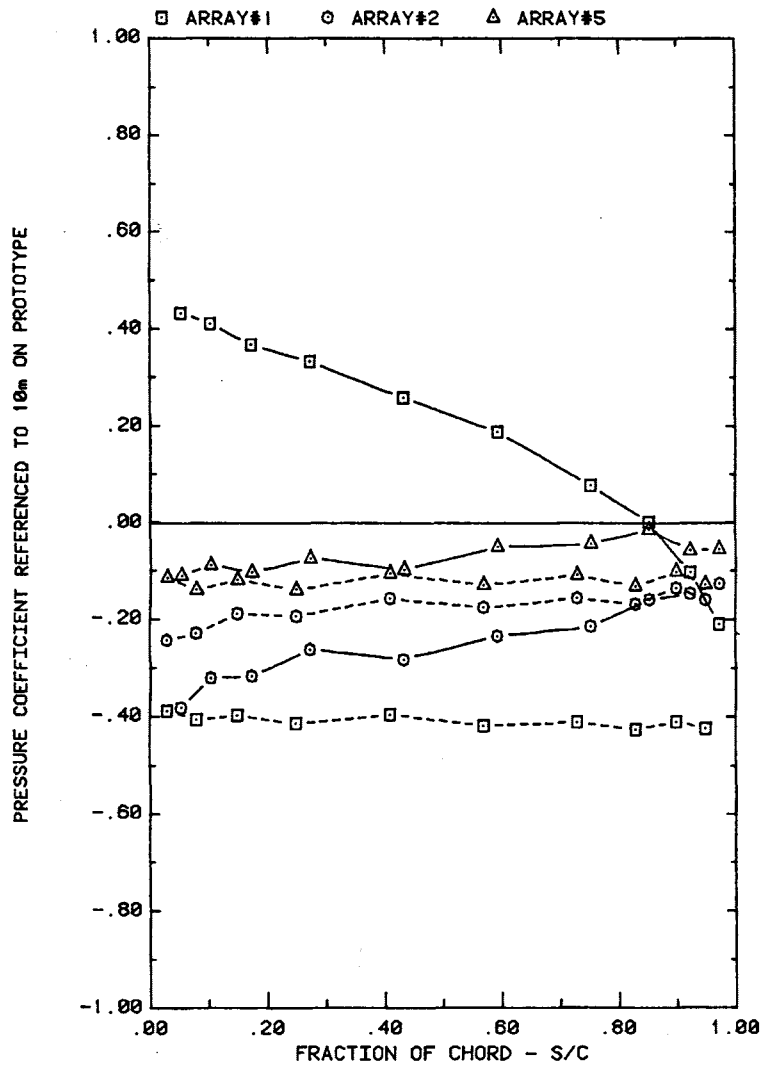


FRONT AND BACK PRESSURES ON ARRAYS IN BOUNDARY LAYER, $X = 1.5C$
EFFECT OF ARRAY CONFIGURATION ON ATTACK ANGLE 20° , $H/C = 0.25$

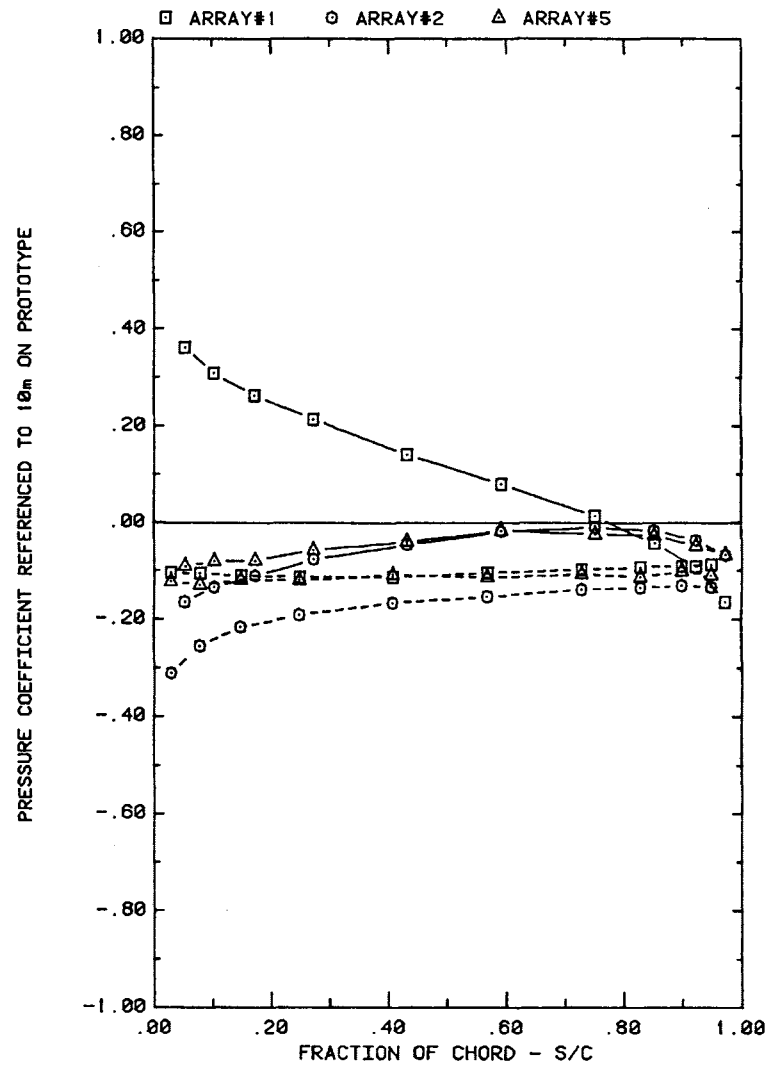


FRONT AND BACK PRESSURES ON ARRAYS IN BOUNDARY LAYER, $X = 1.5C$
EFFECT OF ARRAY CONFIGURATION ON ATTACK ANGLE 35° , $H/C = 0.25$

Plot 2-2-3. Multiple Arrays without Fence, Nonuniform Flow Study
Effect of Array Position

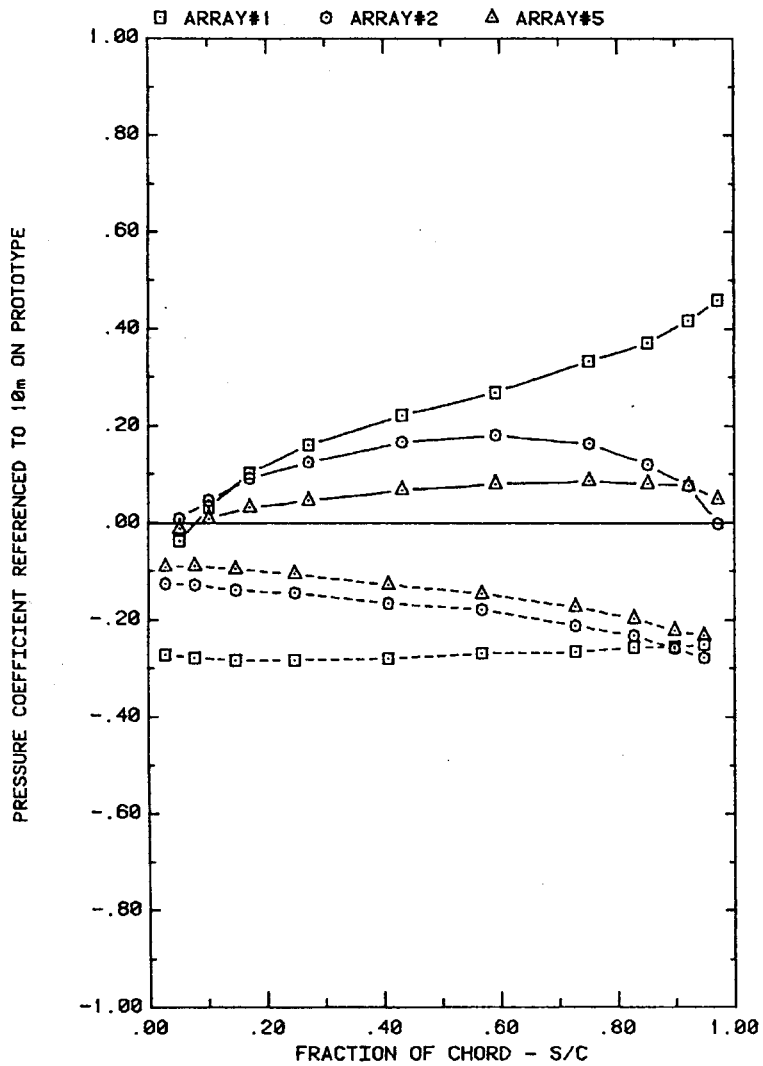


FRONT AND BACK PRESSURES ON ARRAYS IN BOUNDARY LAYER, $X = 1.5C$
EFFECT OF ARRAY CONFIGURATION ON ATTACK ANGLE 145, $H/C = 0.25$

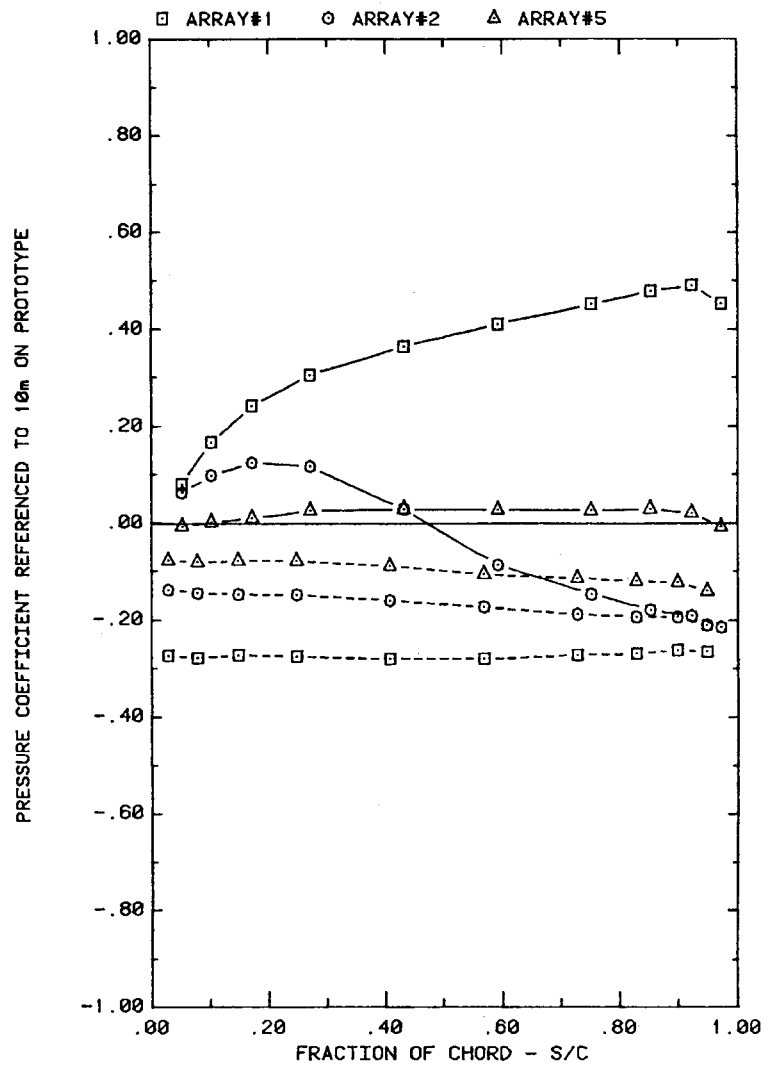


FRONT AND BACK PRESSURES ON ARRAYS IN BOUNDARY LAYER, $X = 1.5C$
EFFECT OF ARRAY CONFIGURATION ON ATTACK ANGLE 160, $H/C = 0.25$

Plot 2-2-3. (Continued)

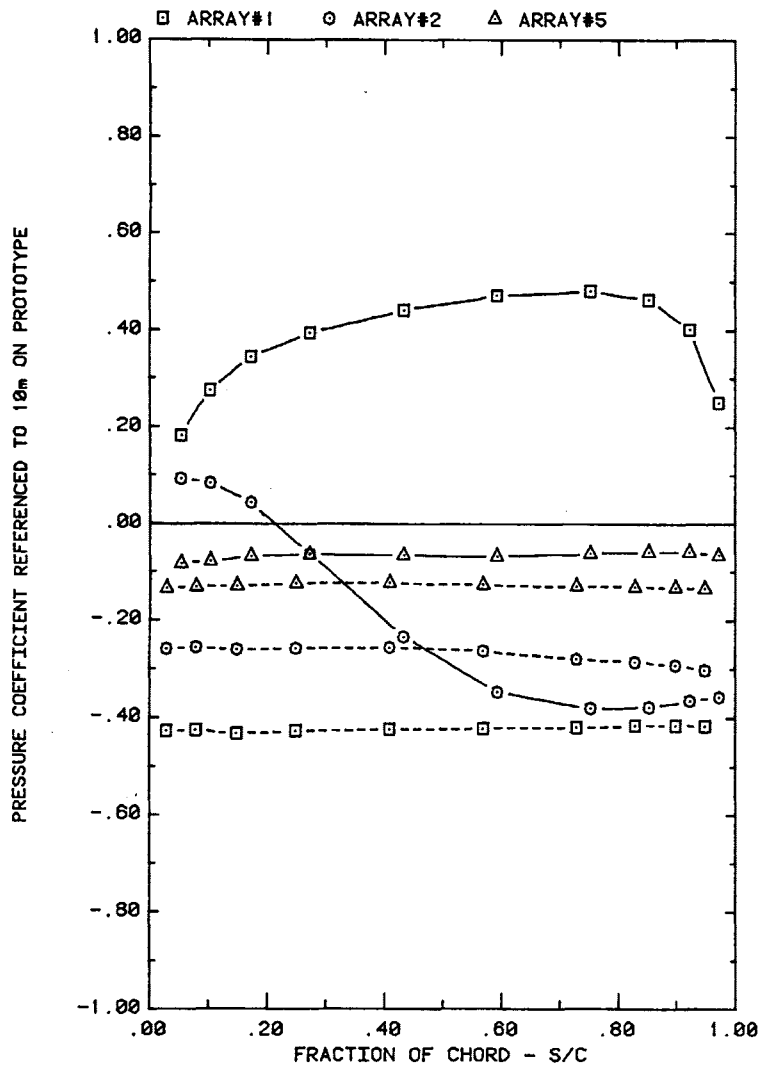


FRONT AND BACK PRESSURES ON ARRAYS IN BOUNDARY LAYER, $X = 2.0C$
EFFECT OF ARRAY CONFIGURATION ON ATTACK ANGLE 20° , $H/C = 0.25$

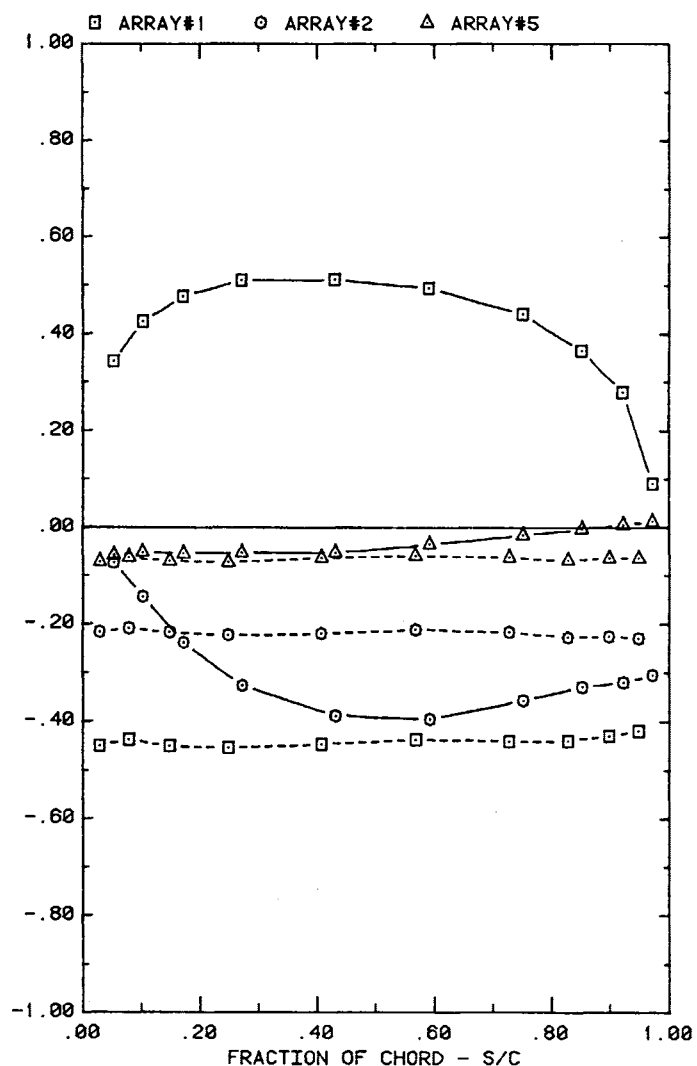


FRONT AND BACK PRESSURES ON ARRAYS IN BOUNDARY LAYER, $X = 2.0C$
EFFECT OF ARRAY CONFIGURATION ON ATTACK ANGLE 35° , $H/C = 0.25$

Plot 2-2-3. (Continued)

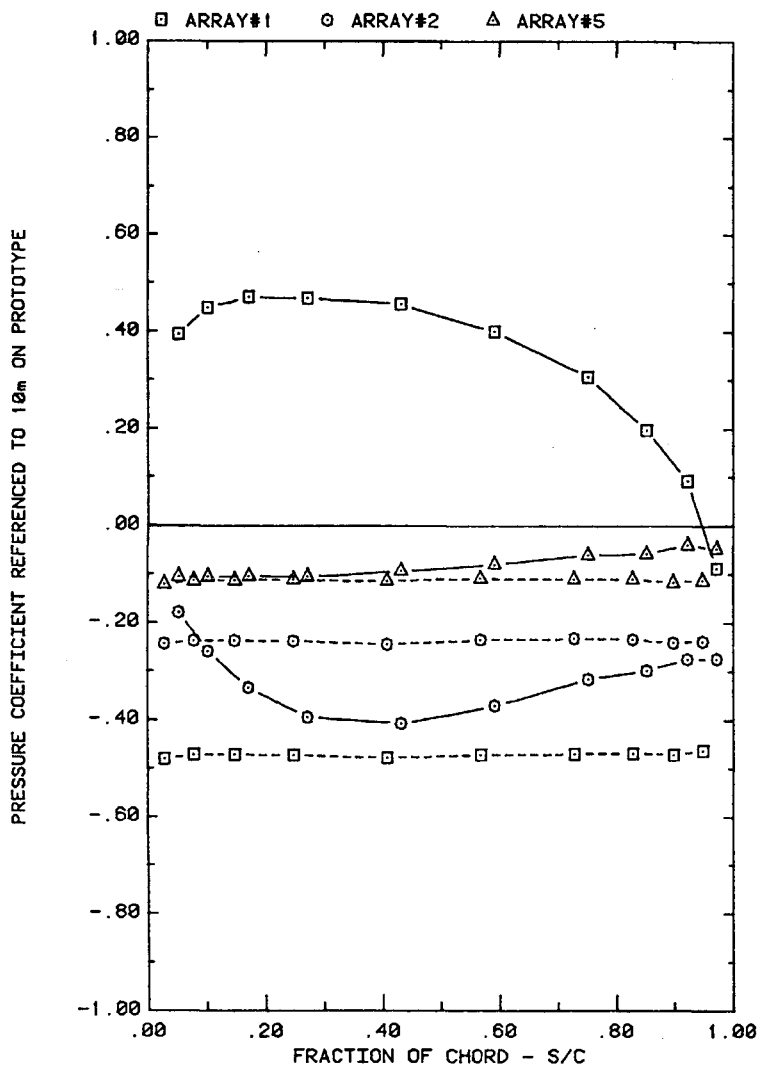


FRONT AND BACK PRESSURES ON ARRAYS IN BOUNDARY LAYER, $X = 2.0C$
EFFECT OF ARRAY CONFIGURATION ON ATTACK ANGLE 60° , $H/C = 0.25$

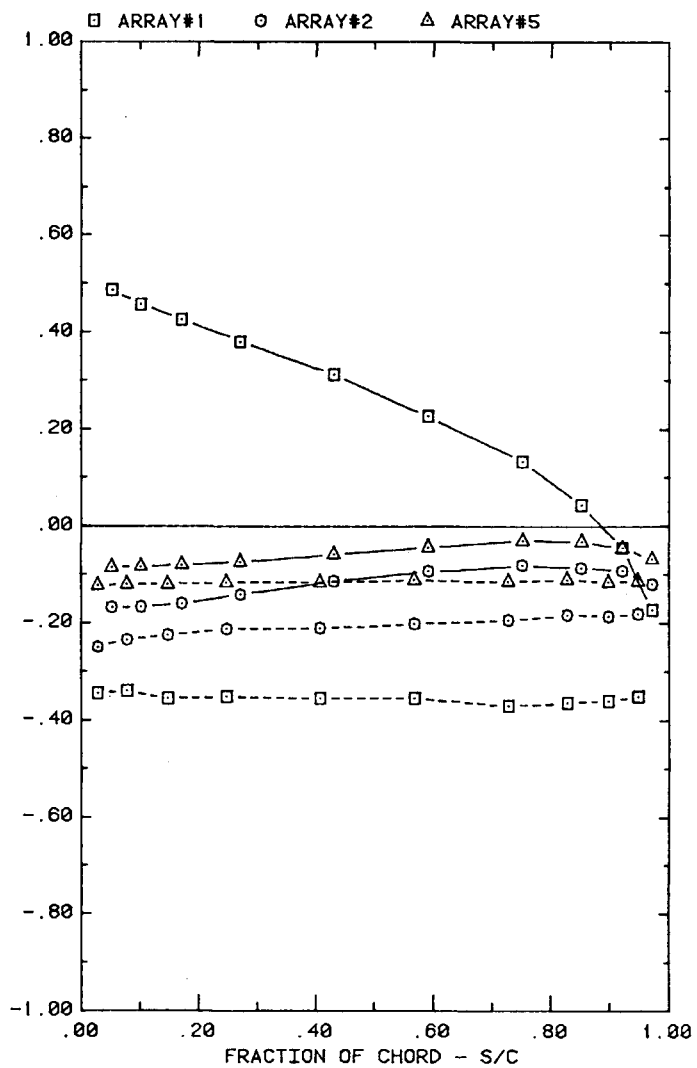


FRONT AND BACK PRESSURES ON ARRAYS IN BOUNDARY LAYER, $X = 2.0C$
EFFECT OF ARRAY CONFIGURATION ON ATTACK ANGLE 90° , $H/C = 0.25$

Plot 2-2-3. (Continued)

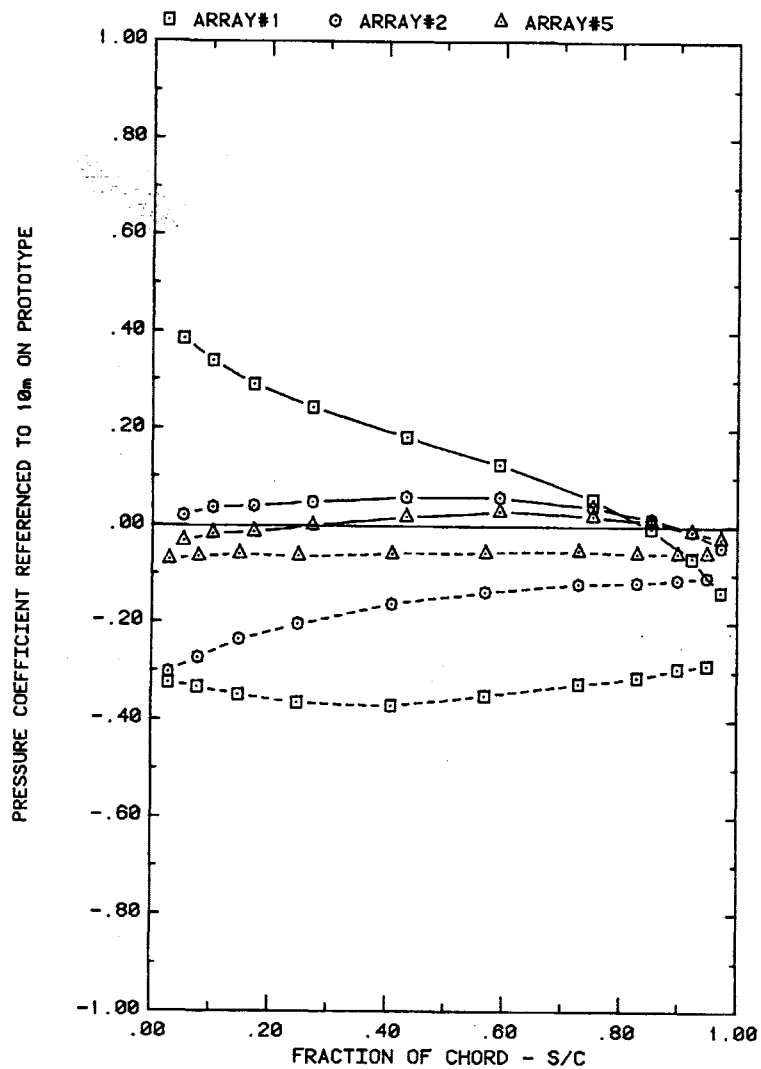


FRONT AND BACK PRESSURES ON ARRAYS IN BOUNDARY LAYER, $X = 2.0C$
EFFECT OF ARRAY CONFIGURATION ON ATTACK ANGLE 120° , $H/C = 0.25$

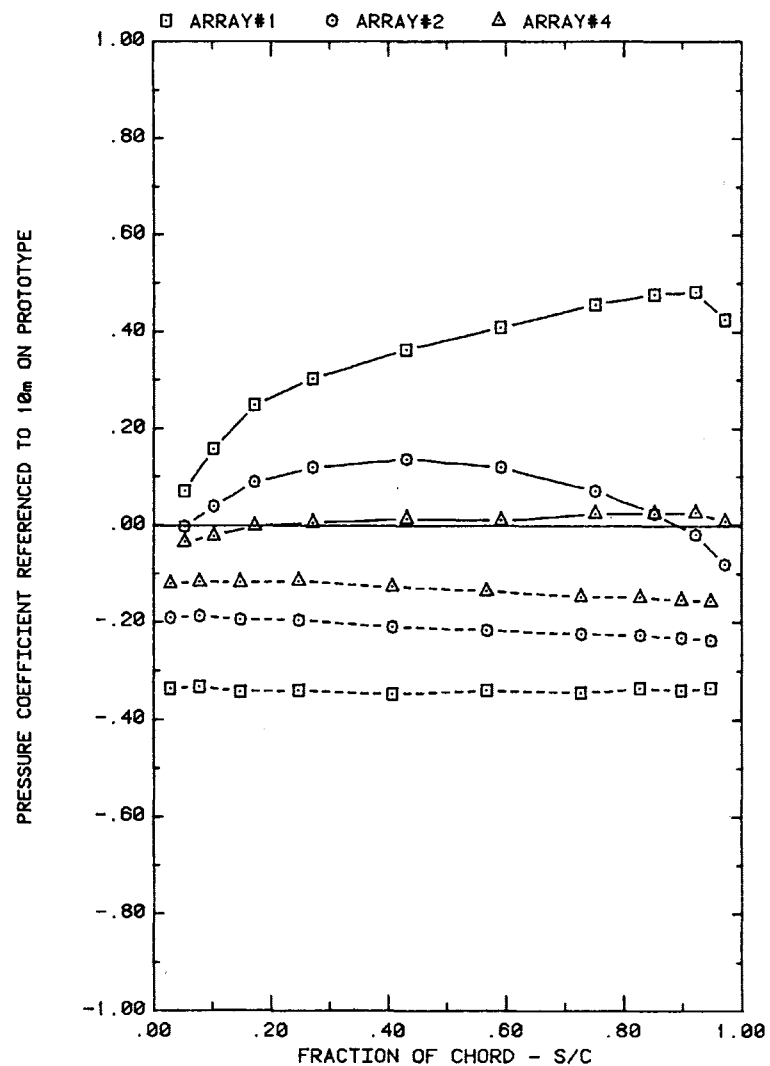


FRONT AND BACK PRESSURES ON ARRAYS IN BOUNDARY LAYER, $X = 2.0C$
EFFECT OF ARRAY CONFIGURATION ON ATTACK ANGLE 145° , $H/C = 0.25$

Plot 2-2-3. (Continued)

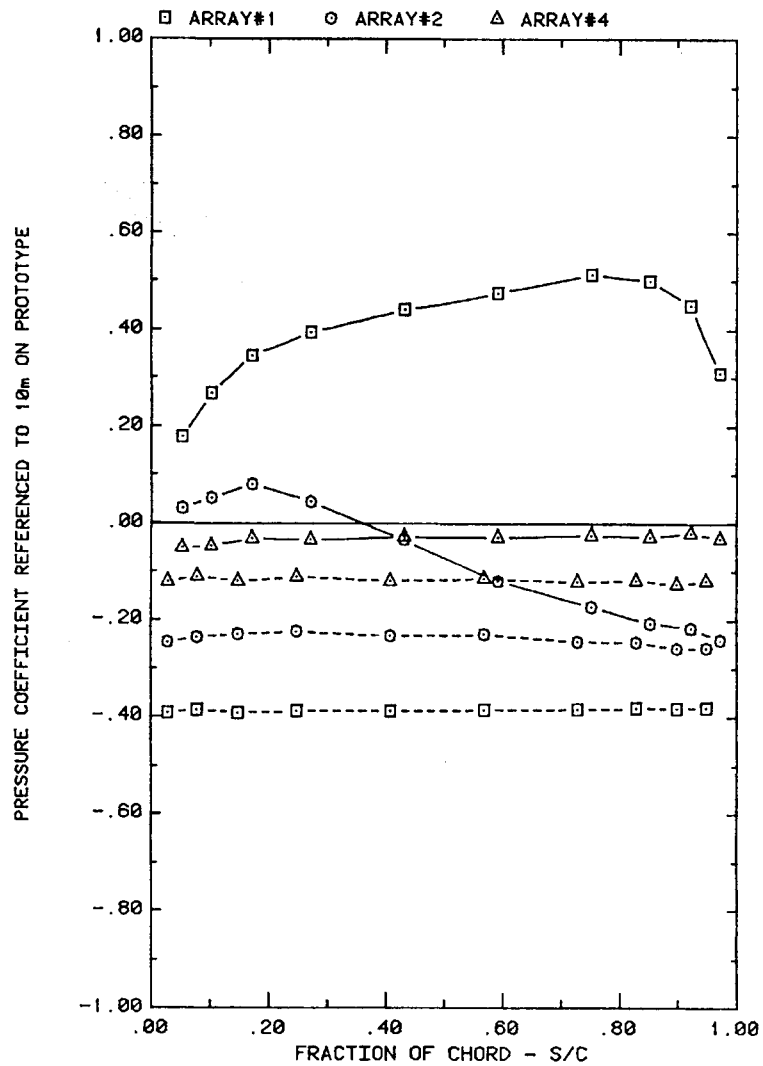


FRONT AND BACK PRESSURES ON ARRAYS IN BOUNDARY LAYER, $X = 2.00$
EFFECT OF ARRAY CONFIGURATION ON ATTACK ANGLE 160 , $H/C = 0.25$

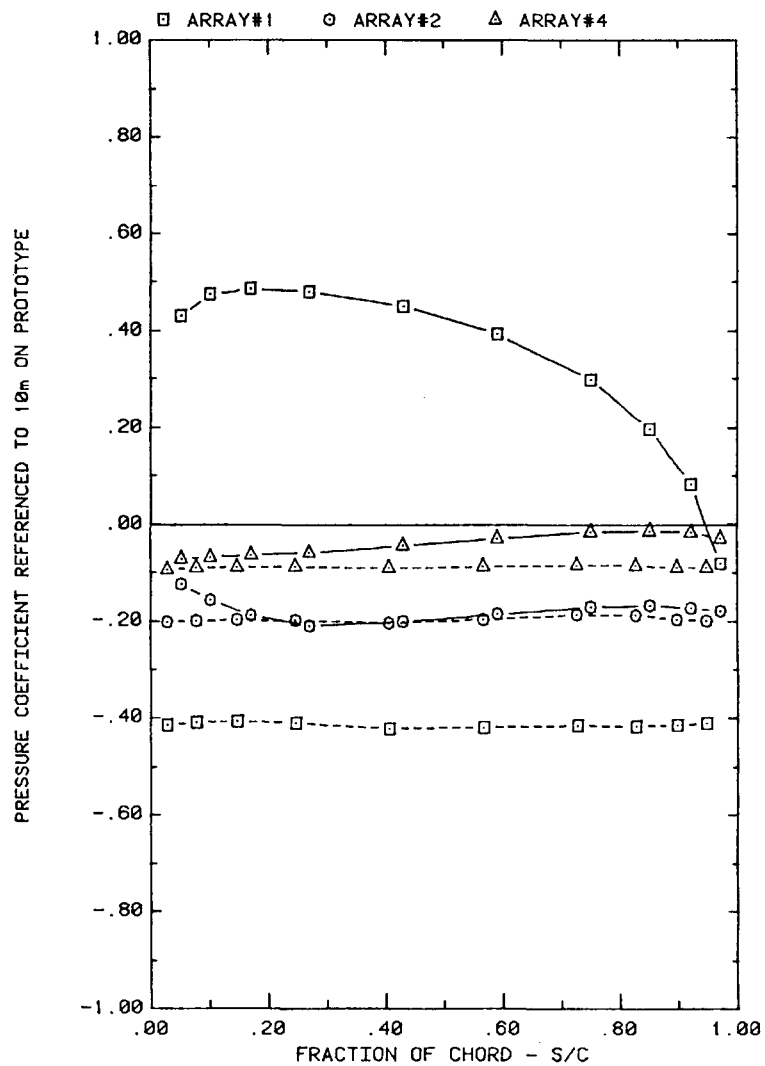


FRONT AND BACK PRESSURES ON ARRAYS IN BOUNDARY LAYER, $X = 3.00$
EFFECT OF ARRAY CONFIGURATION ON ATTACK ANGLE 35 , $H/C = 0.25$

Plot 2-2-3. (Continued)

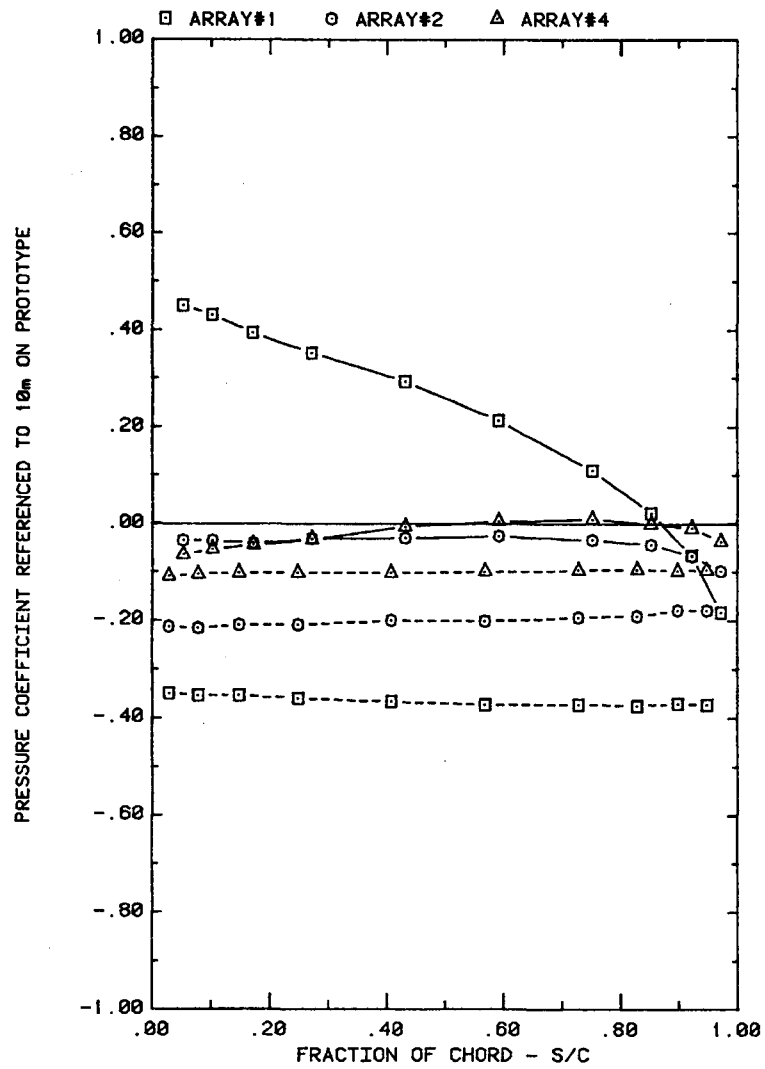


FRONT AND BACK PRESSURES ON ARRAYS IN BOUNDARY LAYER, $X = 3.0C$
EFFECT OF ARRAY CONFIGURATION ON ATTACK ANGLE 60° , $H/C = 0.25$



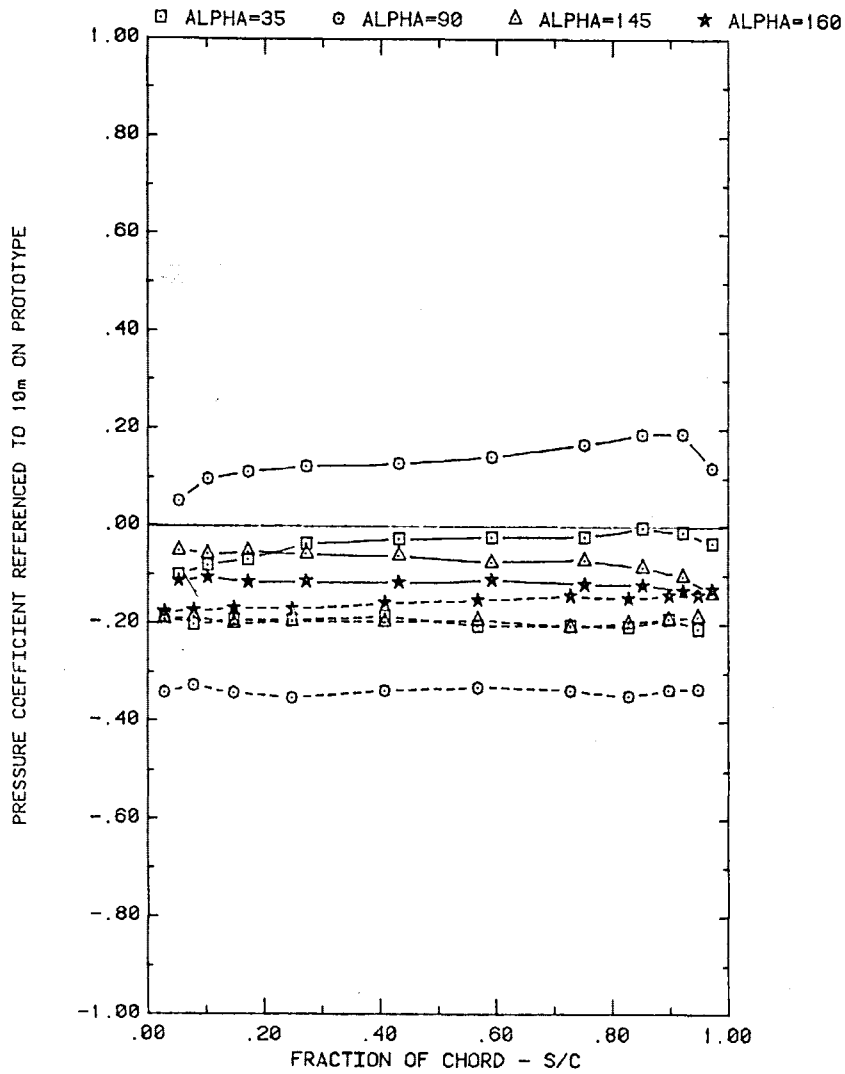
FRONT AND BACK PRESSURES ON ARRAYS IN BOUNDARY LAYER, $X = 3.0C$
EFFECT OF ARRAY CONFIGURATION ON ATTACK ANGLE 120° , $H/C = 0.25$

Plot 2-2-3. (Continued)

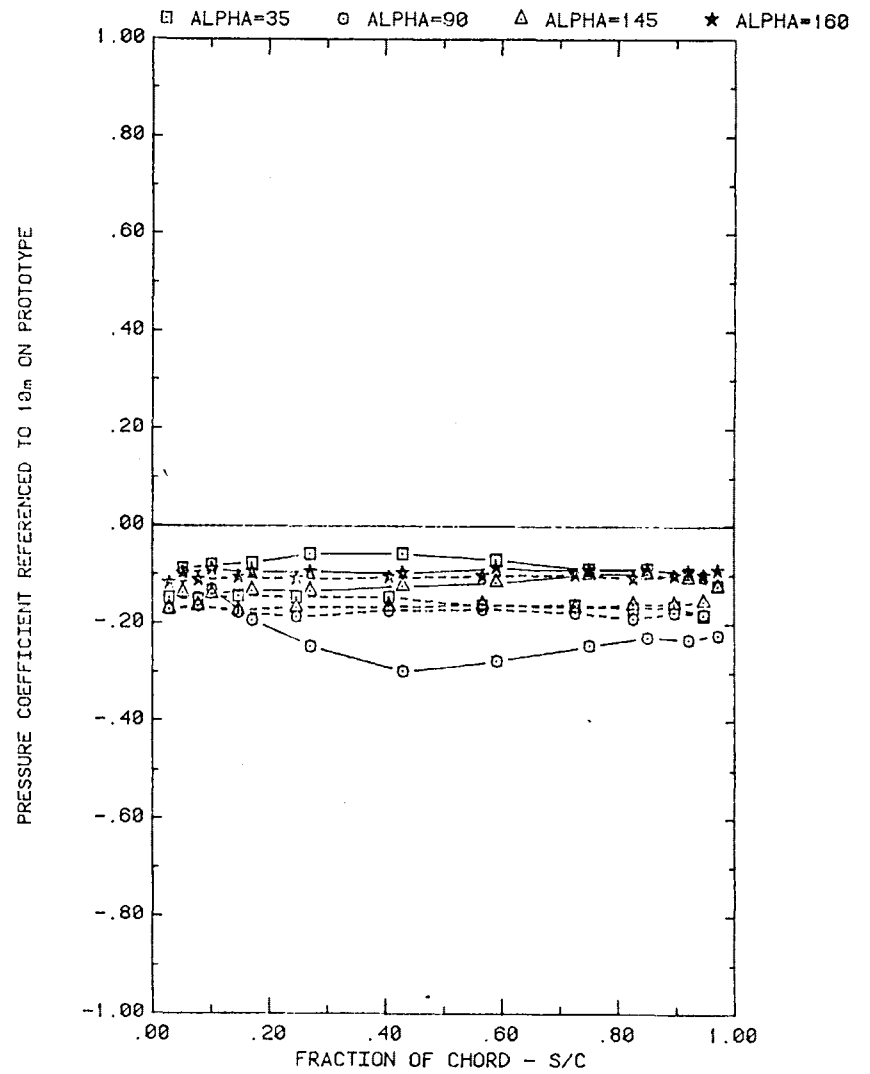


FRONT AND BACK PRESSURES ON ARRAYS IN BOUNDARY LAYER, $X = 3.0C$
 EFFECT OF ARRAY CONFIGURATION ON ATTACK ANGLE 145° , $H/C = 0.25$

Plot 2-2-3. (Concluded)

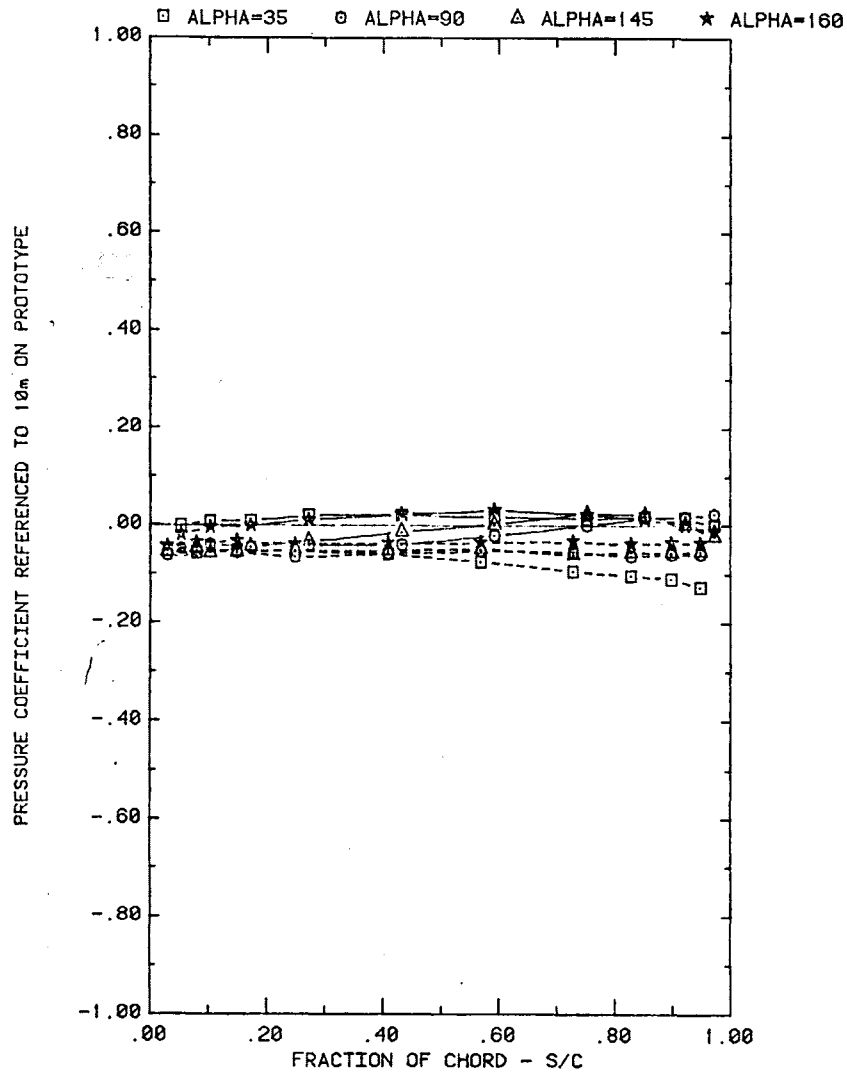


FRONT AND BACK PRESSURES ON ARRAY #1 WITH SEPARATION = 2C
EFFECT OF ATTACK ANGLE WITH H=3", P=30%, AND D=5"

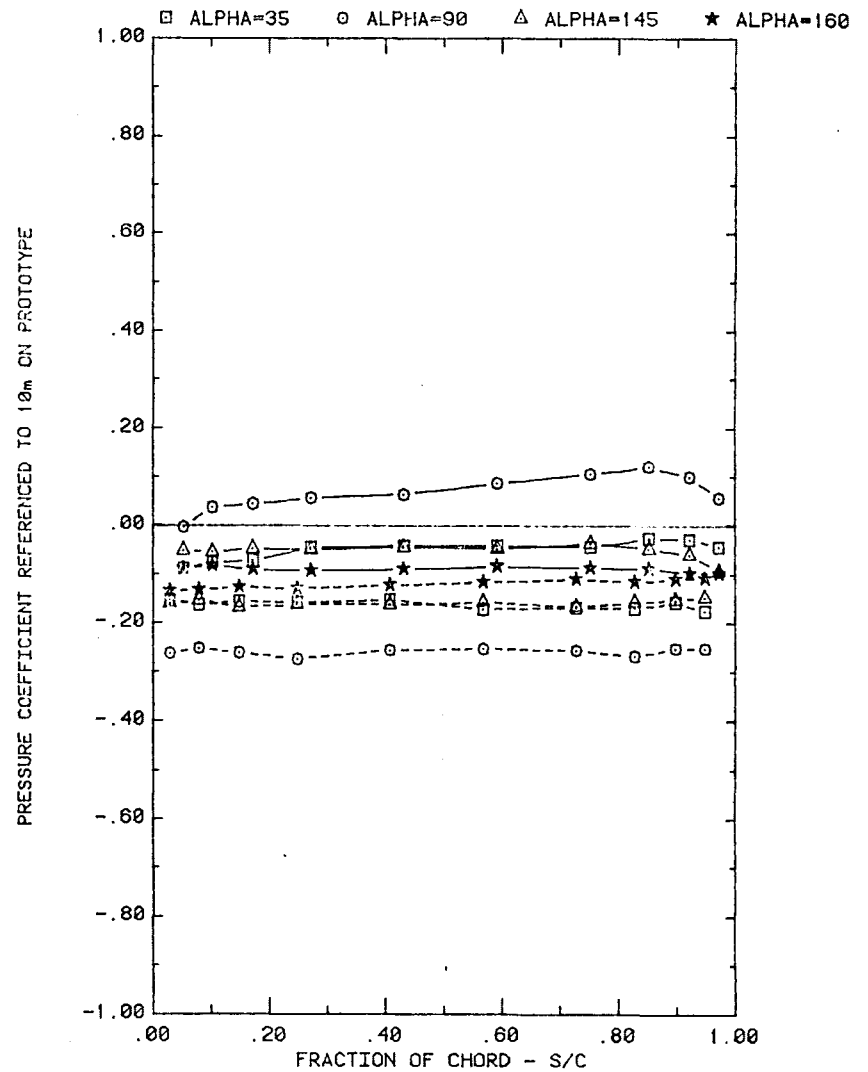


FRONT AND BACK PRESSURES ON ARRAY #2 WITH SEPARATION = 2C
EFFECT OF ATTACK ANGLE WITH H=3", P=30%, AND D=5"

Plot 3-1. Multiple Arrays with Fence, $WD = 0^\circ$
Effect of Angle of Attack

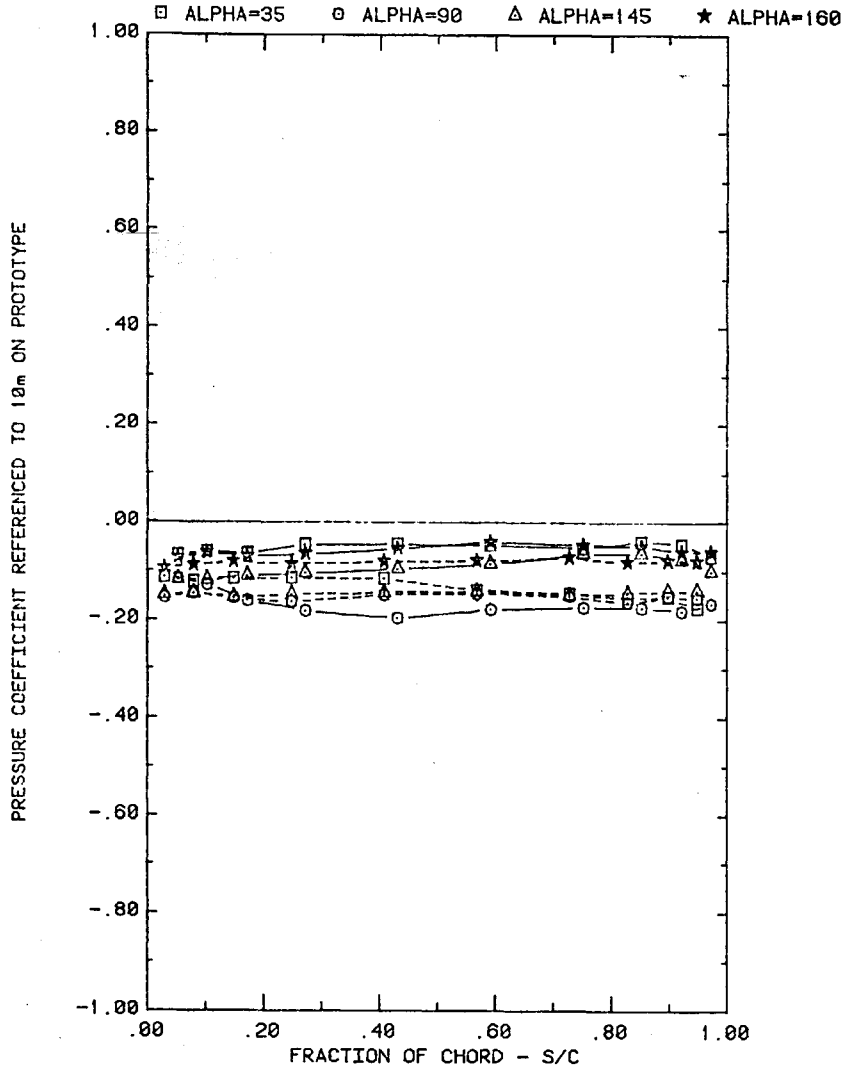


FRONT AND BACK PRESSURES ON ARRAY #5 WITH SEPARATION = 2C
 EFFECT OF ATTACK ANGLE WITH $H=3"$, $P=30\%$, AND $D=5"$

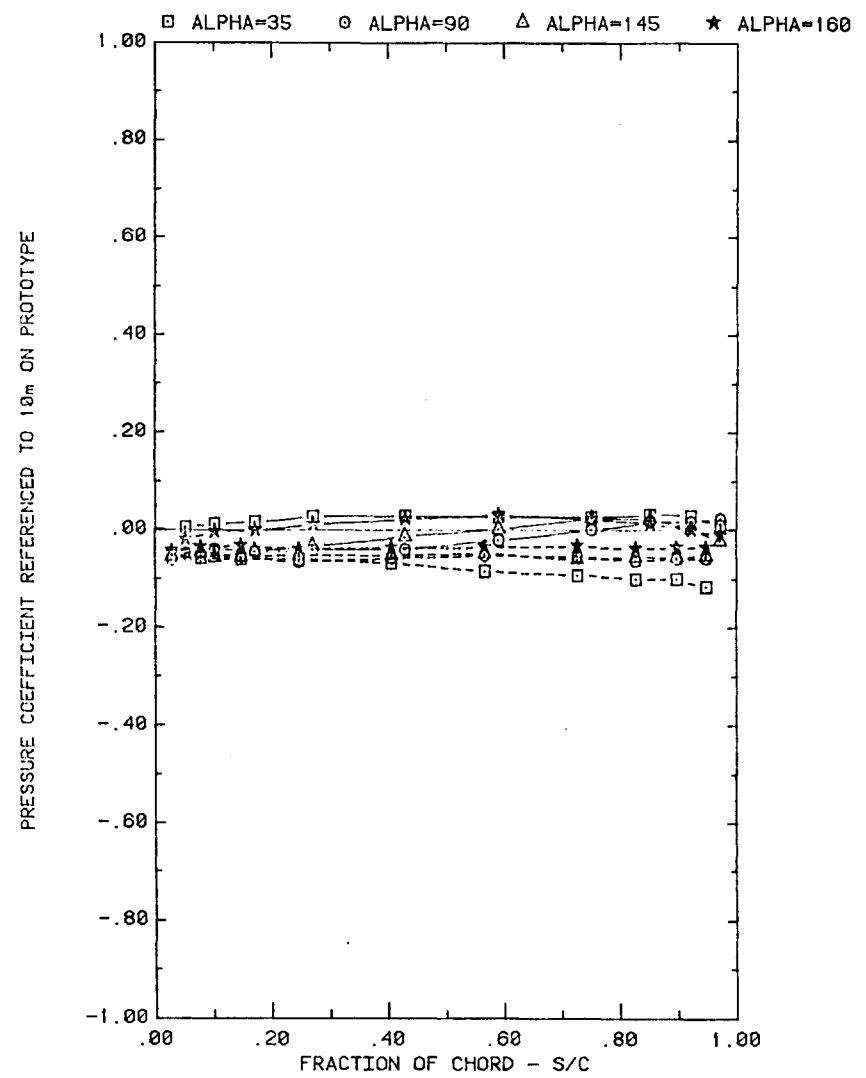


FRONT AND BACK PRESSURES ON ARRAY #1 WITH SEPARATION = 2C
 EFFECT OF ATTACK ANGLE WITH $H=3"$, $P=30\%$, AND $D=10"$

Plot 3-1. (Continued)

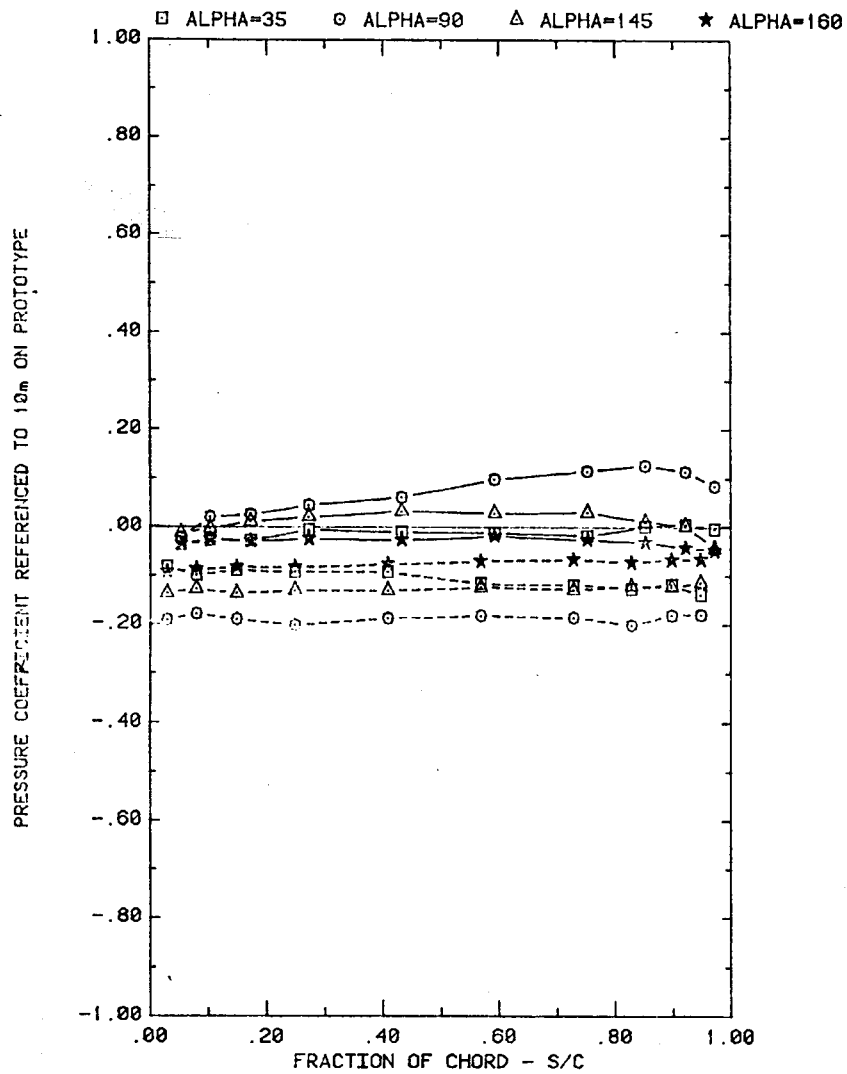


FRONT AND BACK PRESSURES ON ARRAY #2 WITH SEPARATION = 2C
 EFFECT OF ATTACK ANGLE WITH H=3", P=30%, AND D=10"

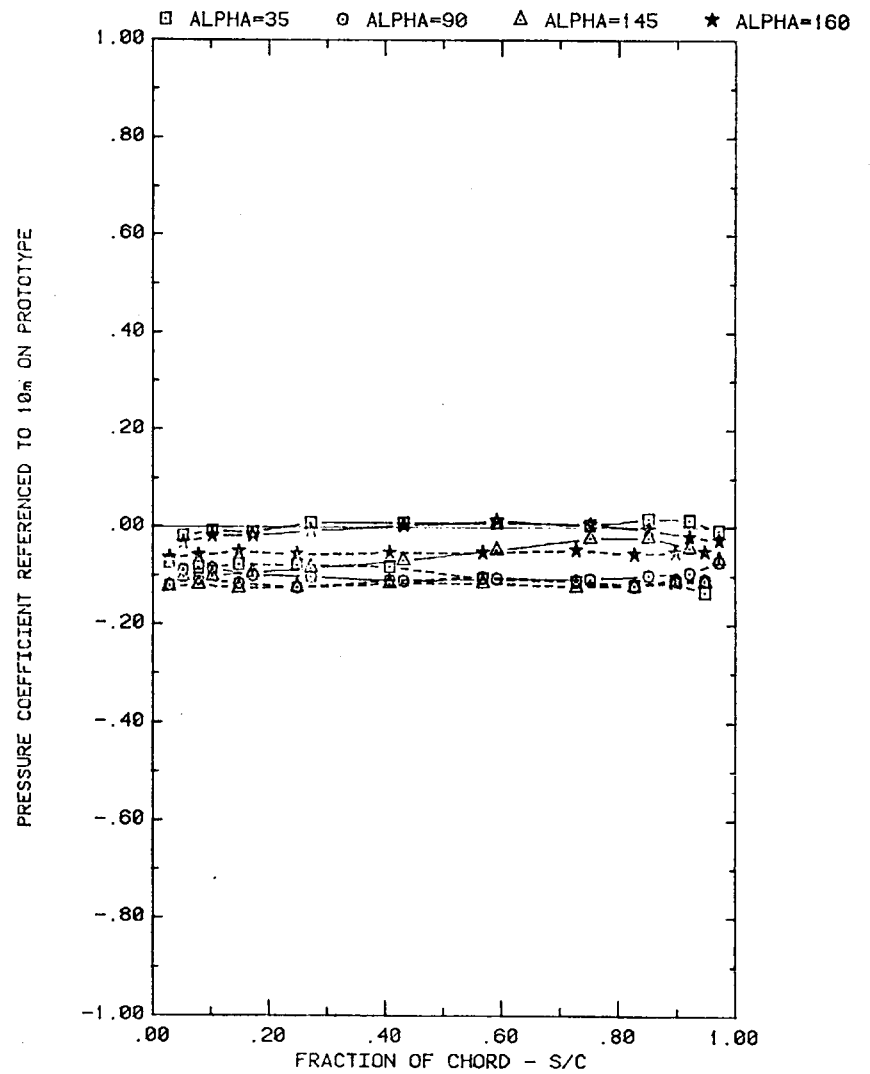


FRONT AND BACK PRESSURES ON ARRAY #5 WITH SEPARATION = 2C
 EFFECT OF ATTACK ANGLE WITH H=3", P=30%, AND D=10"

Plot 3-1. (Continued)

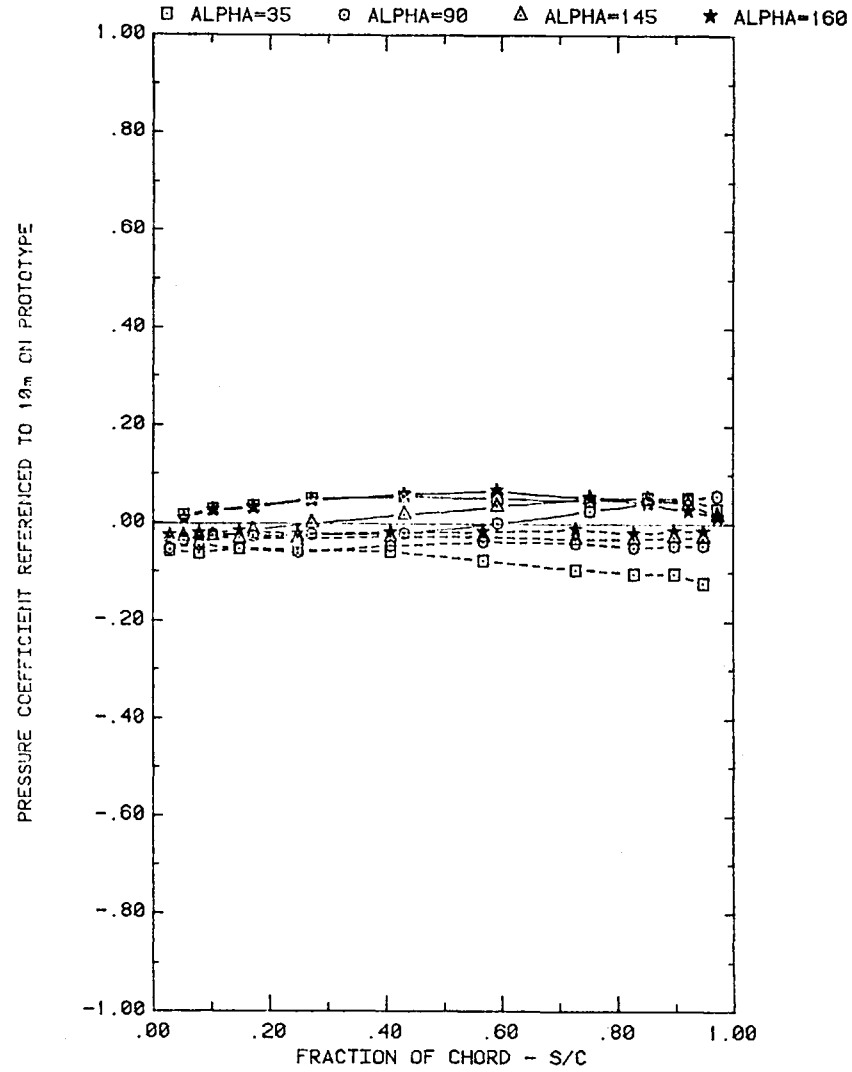


FRONT AND BACK PRESSURES ON ARRAY #1 WITH SEPARATION = 2C
EFFECT OF ATTACK ANGLE WITH H=3", P=30%, AND D=20"



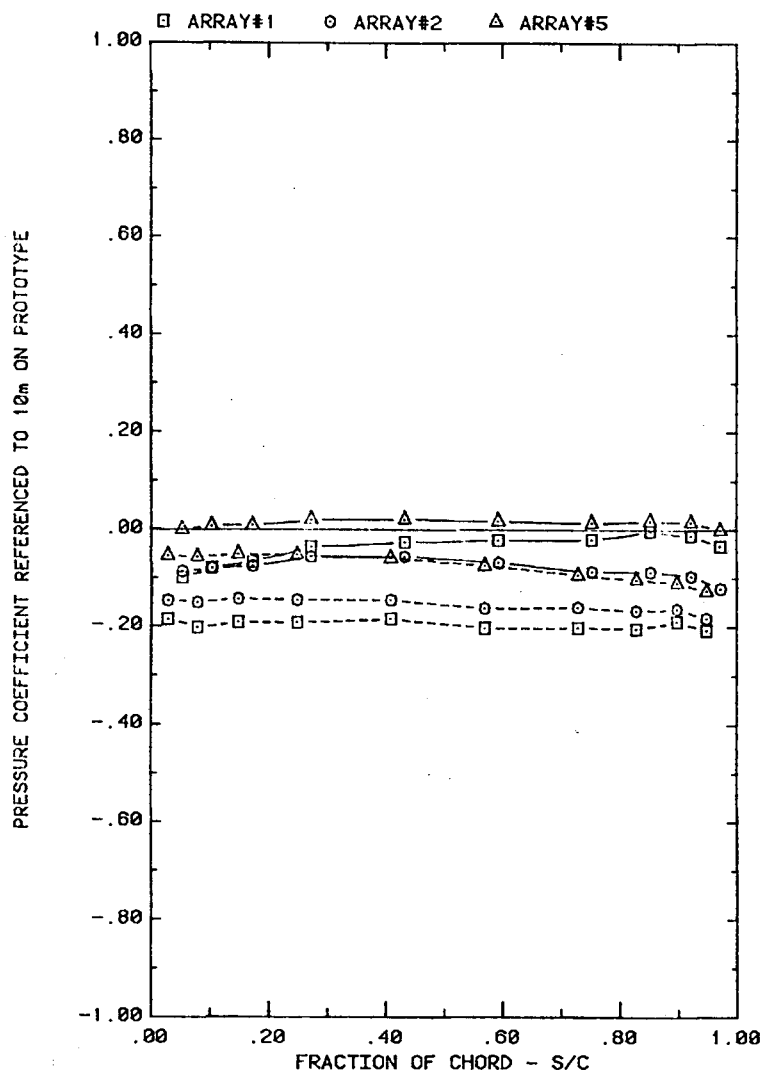
FRONT AND BACK PRESSURES ON ARRAY #2 WITH SEPARATION = 2C
EFFECT OF ATTACK ANGLE WITH H=3", P=30%, AND D=20"

Plot 3-1. (Continued)

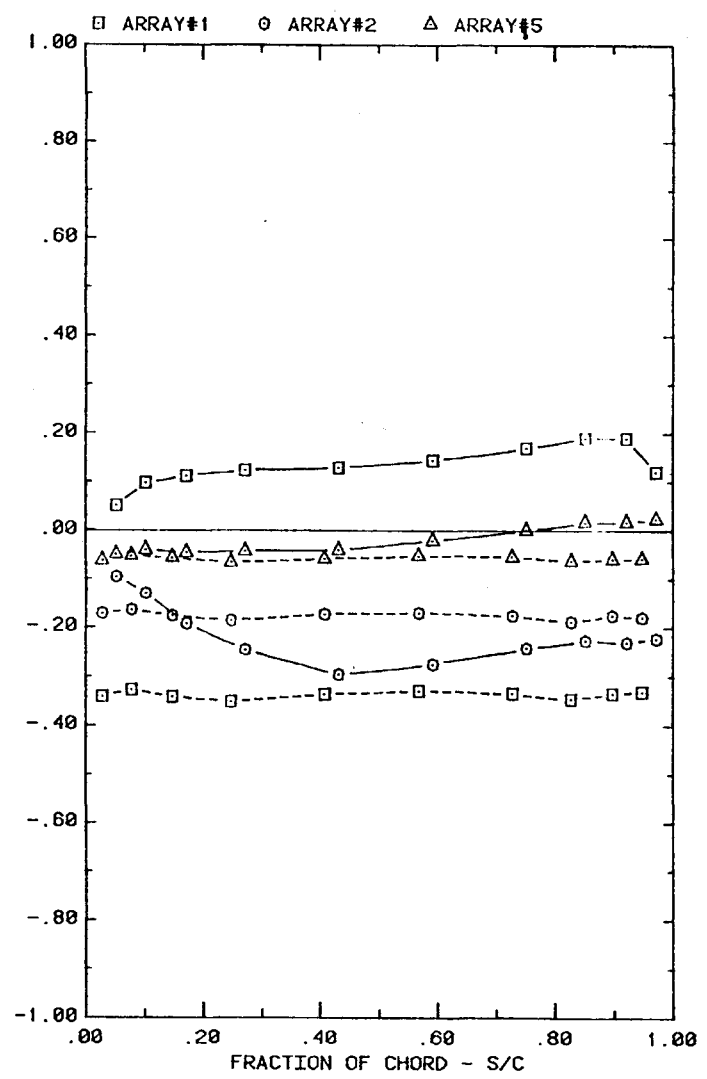


FRONT AND BACK PRESSURES ON ARRAY#5 WITH SEPARATION = 2C
EFFECT OF ATTACK ANGLE WITH H=3", P=30%, AND D=20"

Plot 3-1. (Concluded)

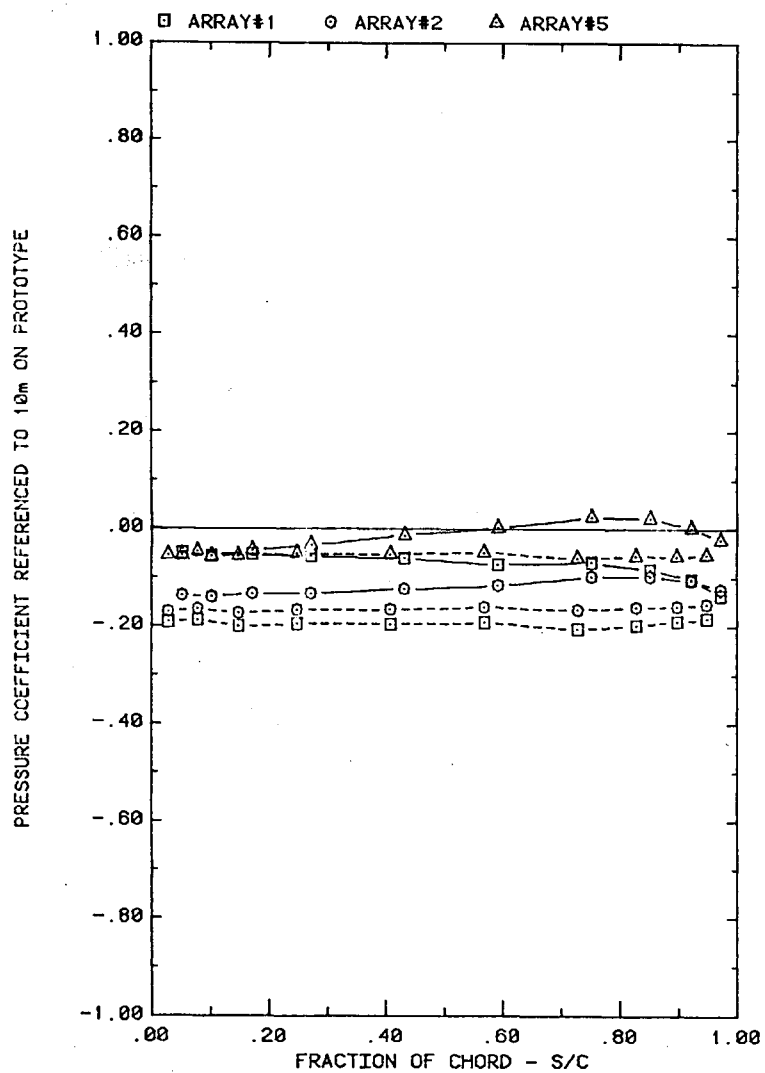


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS WITH SEPARATION = 2C
 EFFECT OF ARRAYS WITH ATTACK ANGLE=35, H=3°, P=30%, AND D=5°

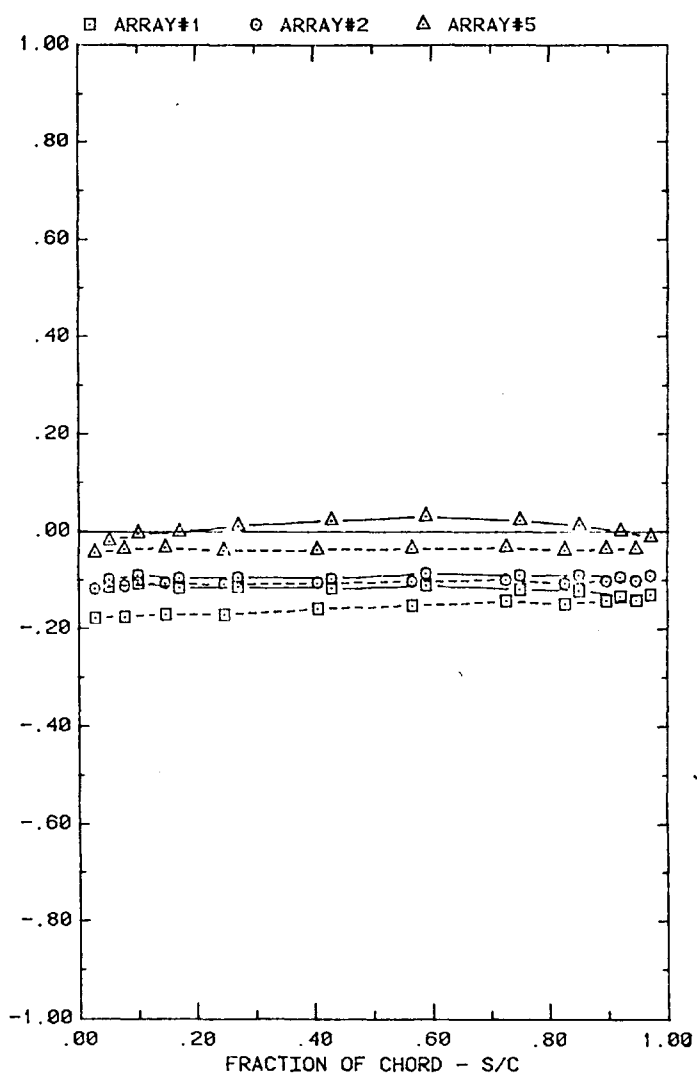


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS WITH SEPARATION = 2C
 EFFECT OF ARRAYS WITH ATTACK ANGLE=90, H=3°, P=30%, AND D=5°

Plot 3-2. Multiple Arrays with Fence, WD = 0°
 Effect of Array Position

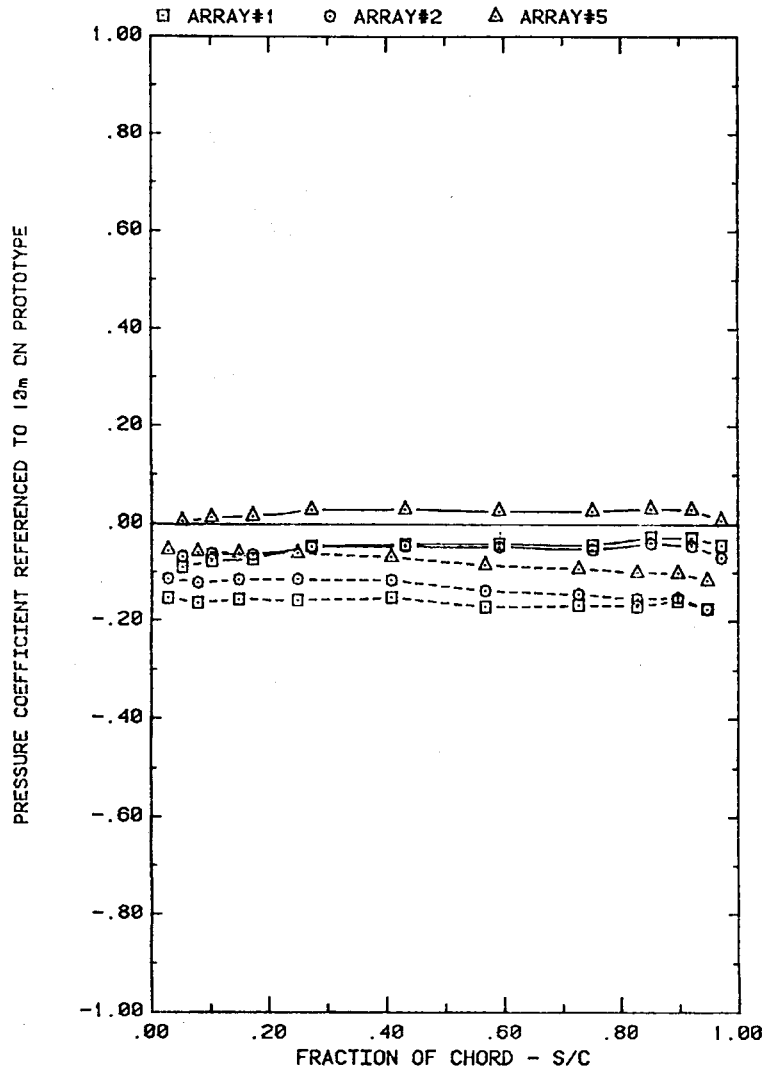


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS WITH SEPARATION = 2C
EFFECT OF ARRAYS WITH ATTACK ANGLE=145, H=3", P=30%, AND D=5"

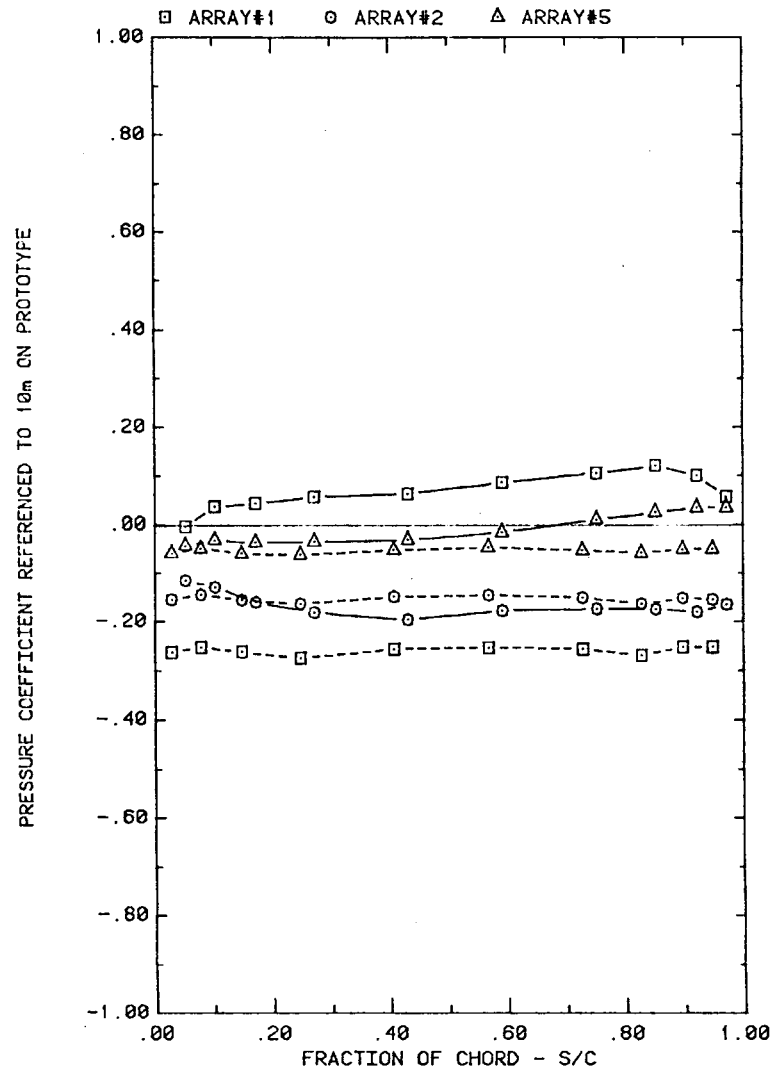


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS WITH SEPARATION = 2C
EFFECT OF ARRAYS WITH ATTACK ANGLE=160, H=3", P=30%, AND D=5"

Plot 3-2. (Continued)

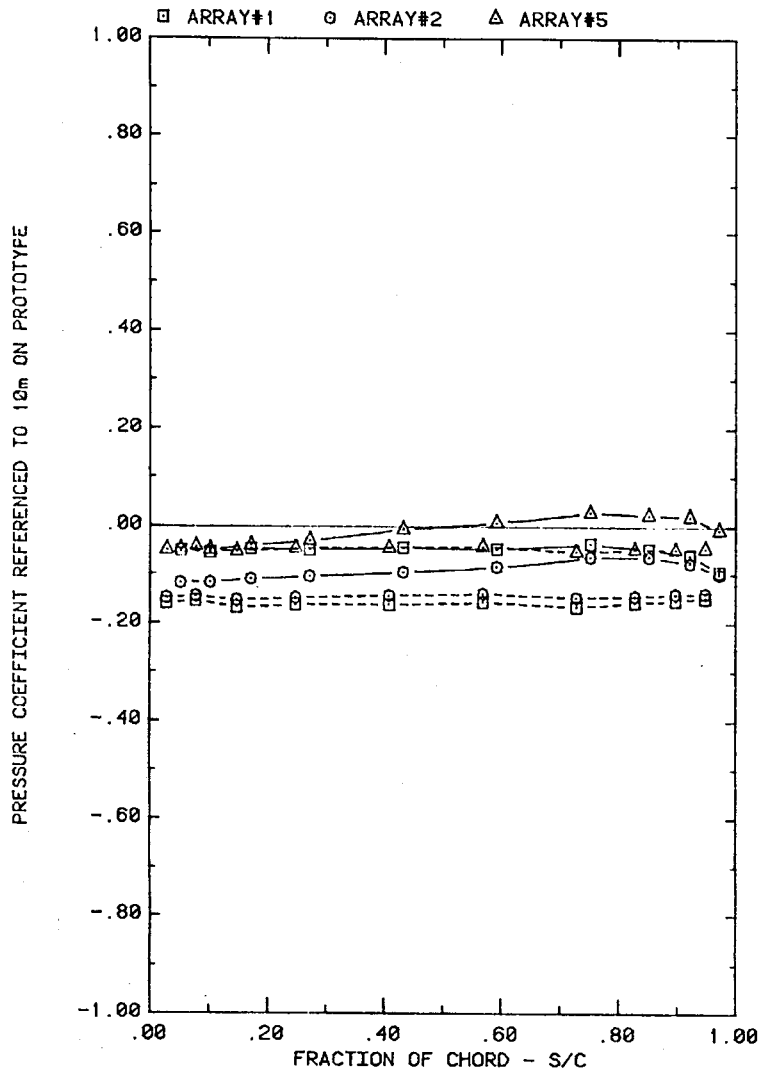


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS WITH SEPARATION = 2C
EFFECT OF ARRAYS WITH ATTACK ANGLE=35, H=3", P=30%, AND D=10"

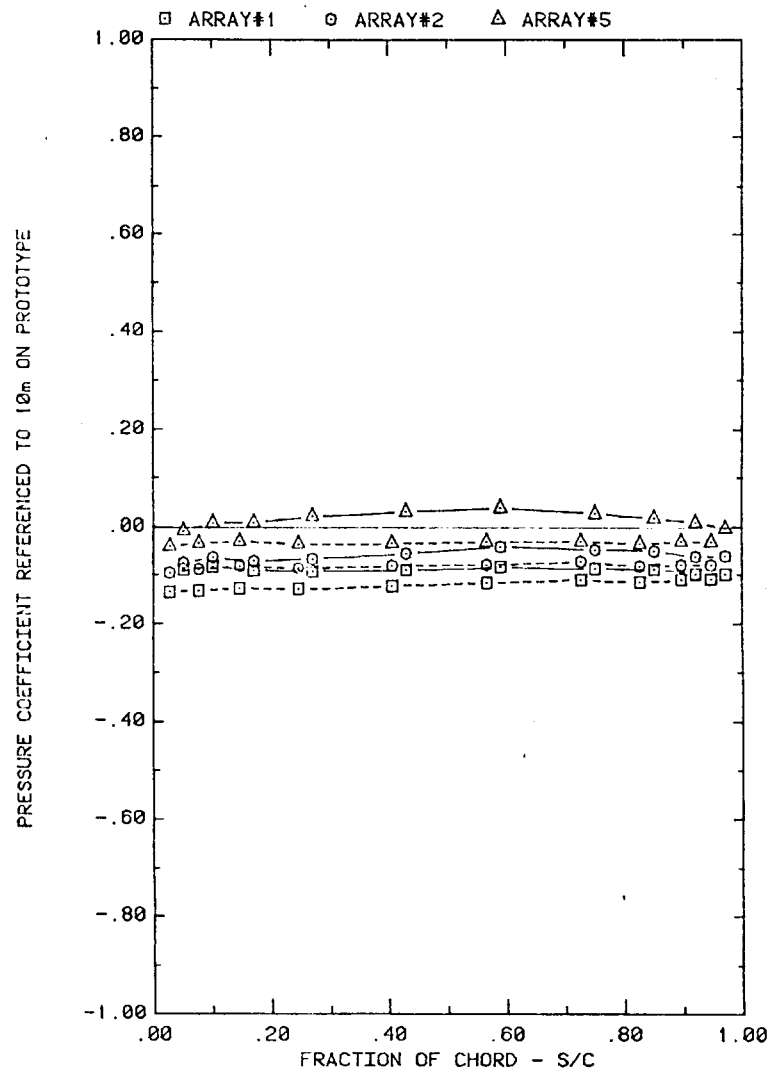


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS WITH SEPARATION = 2C
EFFECT OF ARRAYS WITH ATTACK ANGLE=90, H=3", P=30%, AND D=10"

Plot 3-2. (Continued)

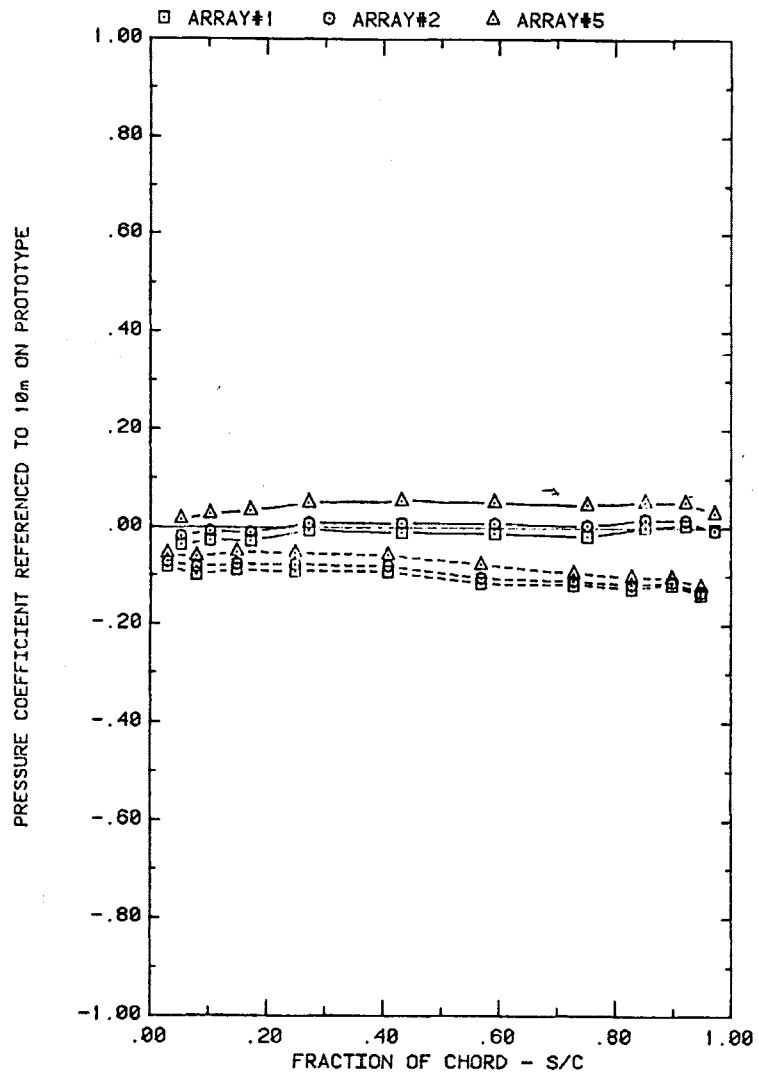


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS WITH SEPARATION = 2C
EFFECT OF ARRAYS WITH ATTACK ANGLE=145, H=3", P=30%, AND D=10"

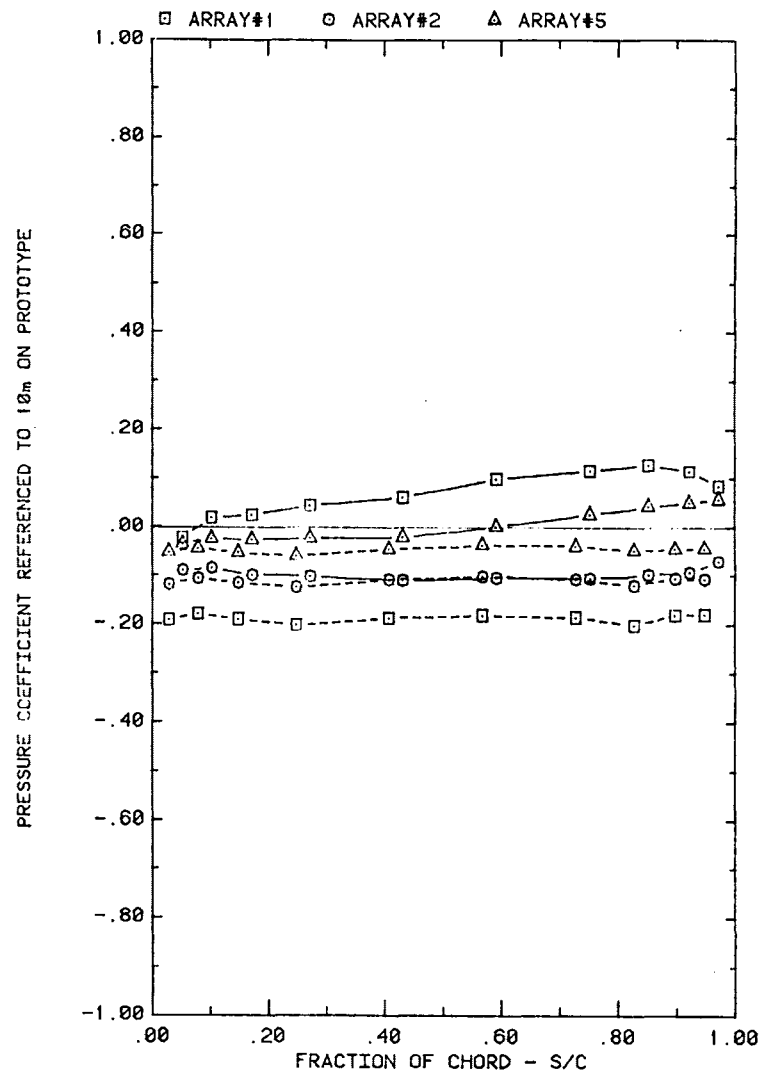


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS WITH SEPARATION = 2C
EFFECT OF ARRAYS WITH ATTACK ANGLE=160, H=3", P=30%, AND D=10"

Plot 3-2. (Continued)

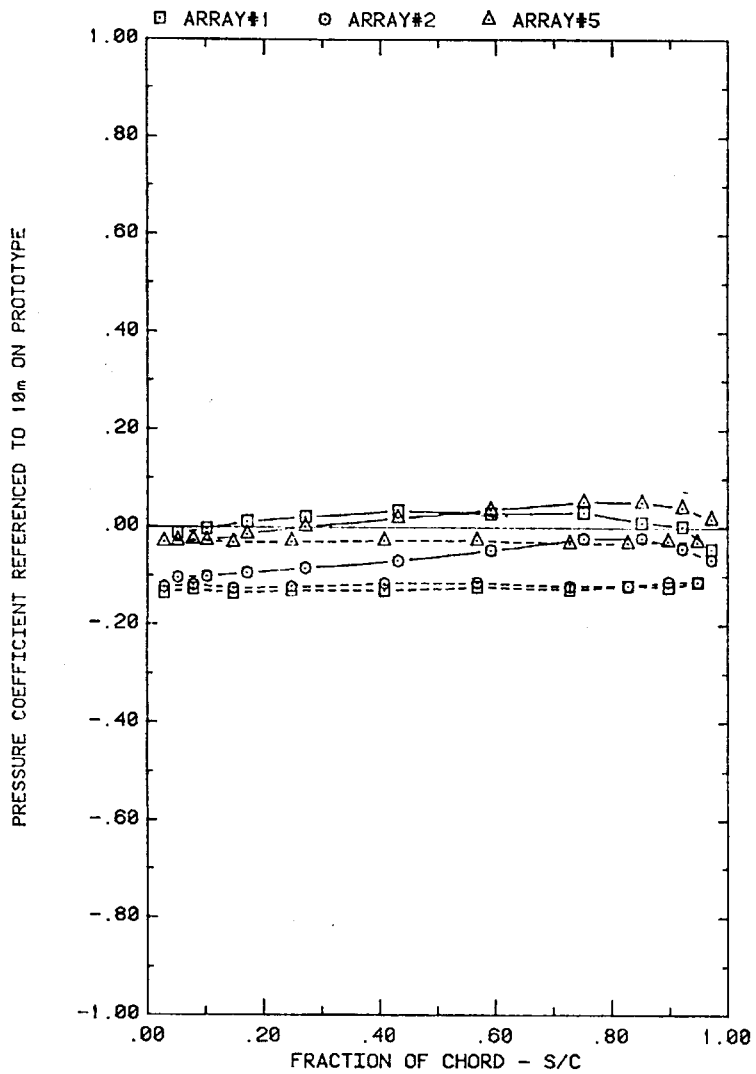


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS WITH SEPARATION = 2C
EFFECT OF ARRAYS WITH ATTACK ANGLE=35°, H=3", P=30%, AND D=20"

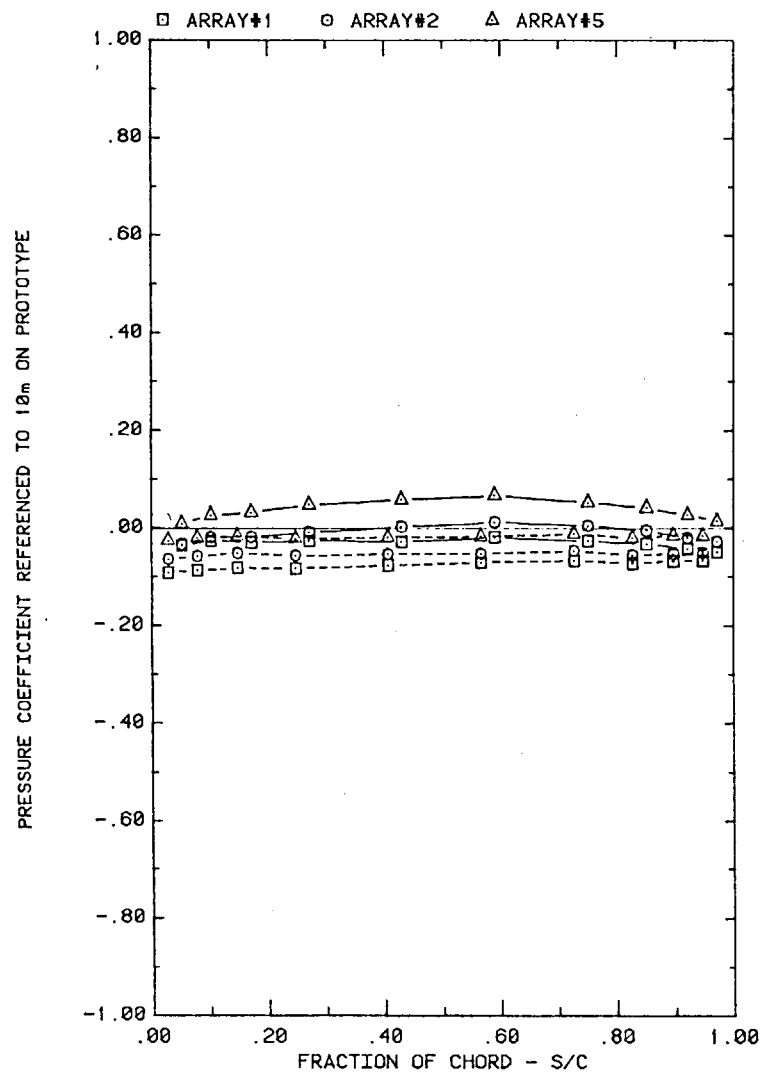


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS WITH SEPARATION = 2C
EFFECT OF ARRAYS WITH ATTACK ANGLE=90°, H=3", P=30%, AND D=20"

Plot 3-2. (Continued)

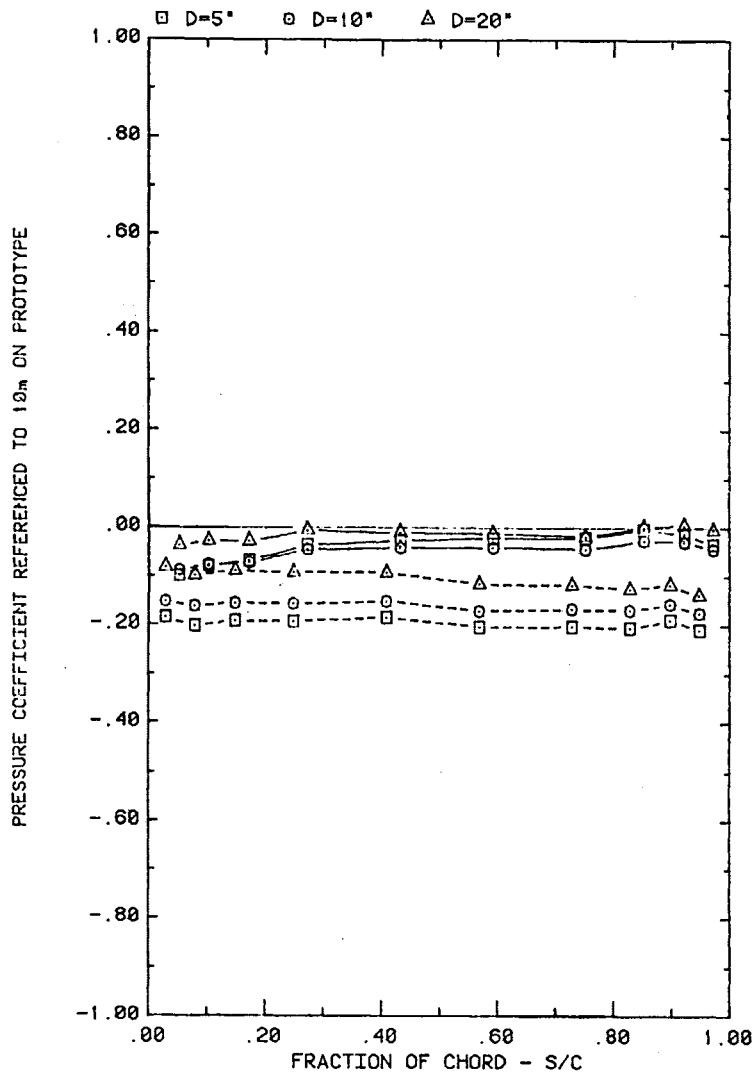


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS WITH SEPARATION = 2C
EFFECT OF ARRAYS WITH ATTACK ANGLE=145, H=3°, P=30%, AND D=20°

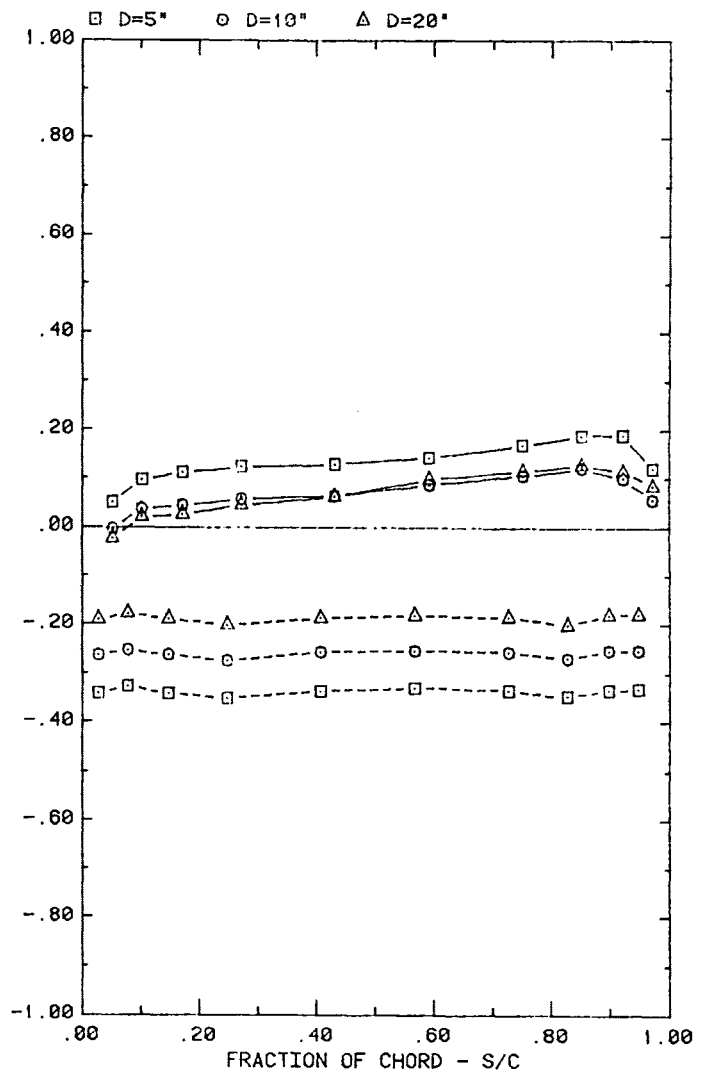


FRONT AND BACK PRESSURES ON VARIOUS ARRAYS WITH SEPARATION = 2C
EFFECT OF ARRAYS WITH ATTACK ANGLE=160, H=3°, P=30%, AND D=20°

Plot 3-2. (Concluded)

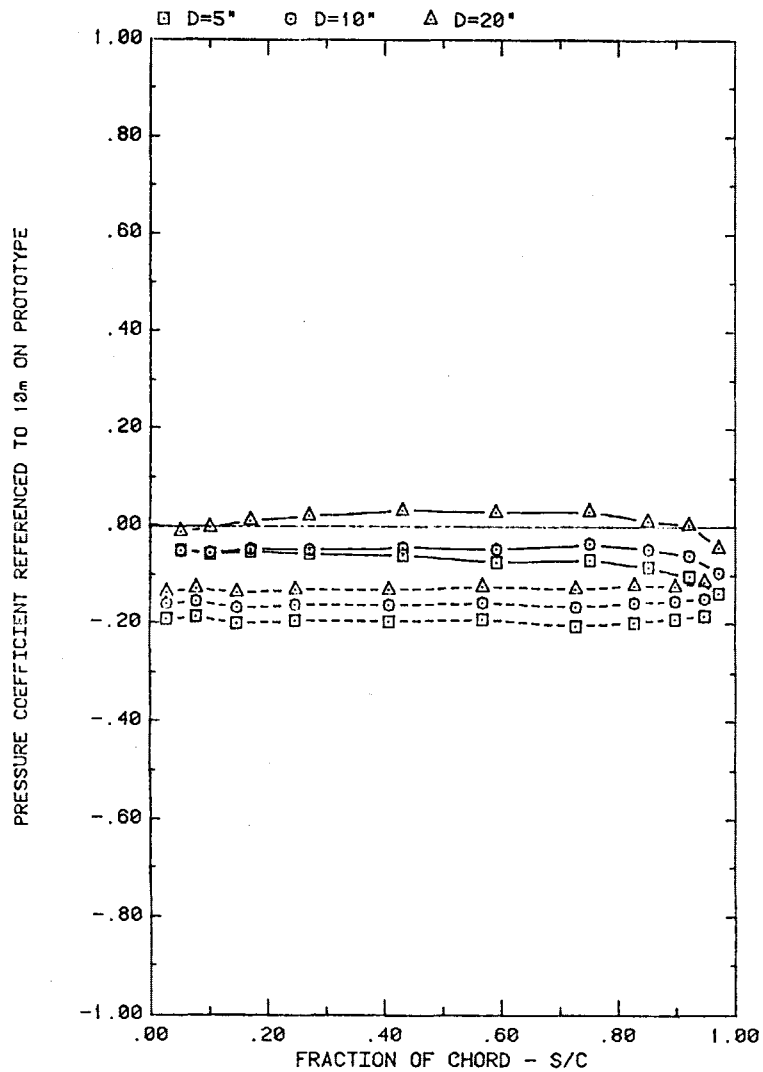


FRONT AND BACK PRESSURES ON ARRAY #1 WITH SEPARATION = 2C
EFFECT OF FENCE DISTANCE WITH H=3", P=30%, AND ALPHA=35

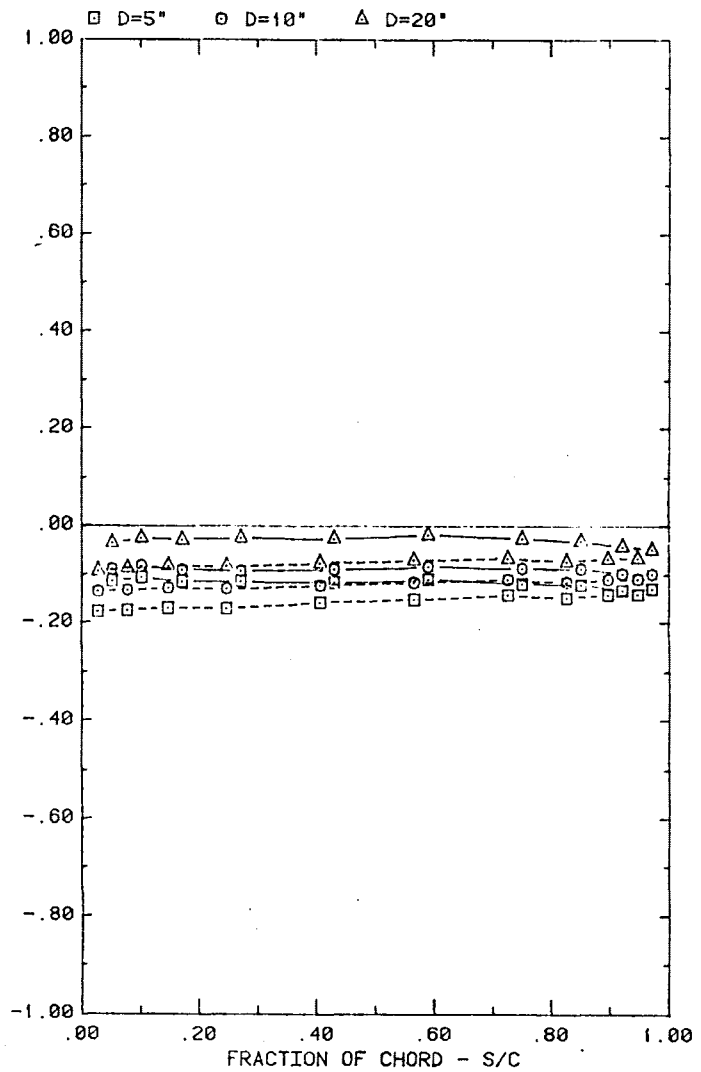


FRONT AND BACK PRESSURES ON ARRAY #1 WITH SEPARATION = 2C
EFFECT OF FENCE DISTANCE WITH H=3", P=30%, AND ALPHA=90

Plot 3-3. Multiple Arrays with Fence, $WD = 0^\circ$
Effect of Fence Distance

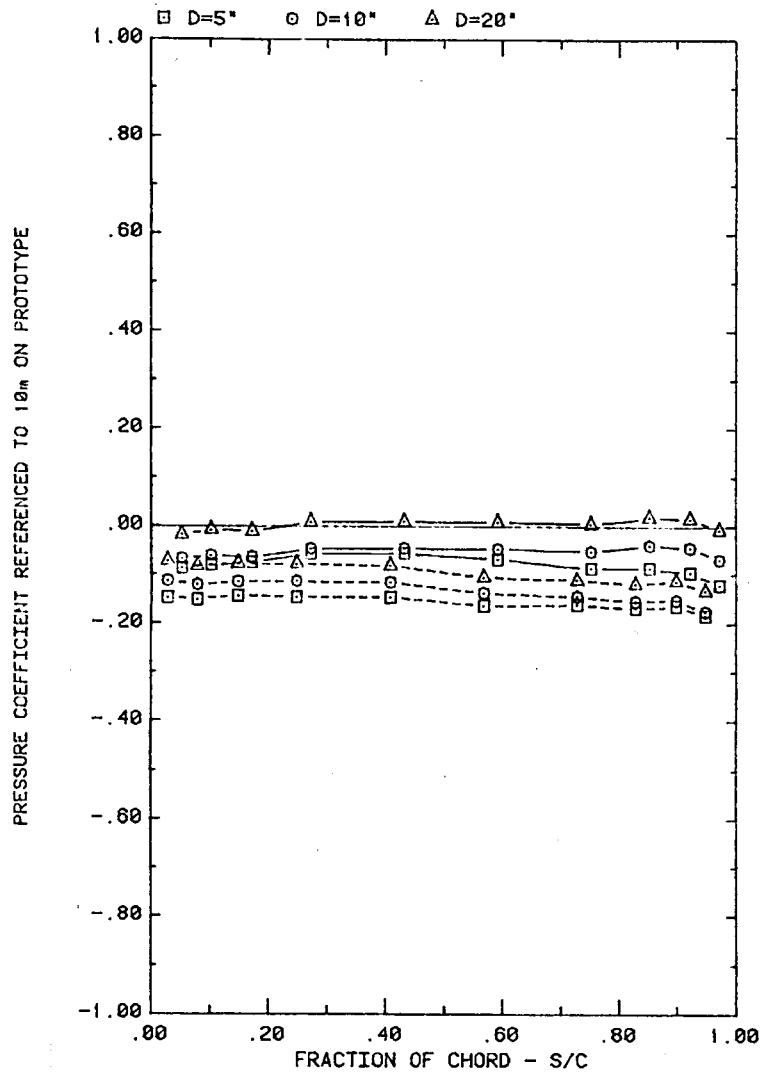


FRONT AND BACK PRESSURES ON ARRAY #1 WITH SEPARATION = 2C
EFFECT OF FENCE DISTANCE WITH H=3°, P=30%, AND ALPHA=145

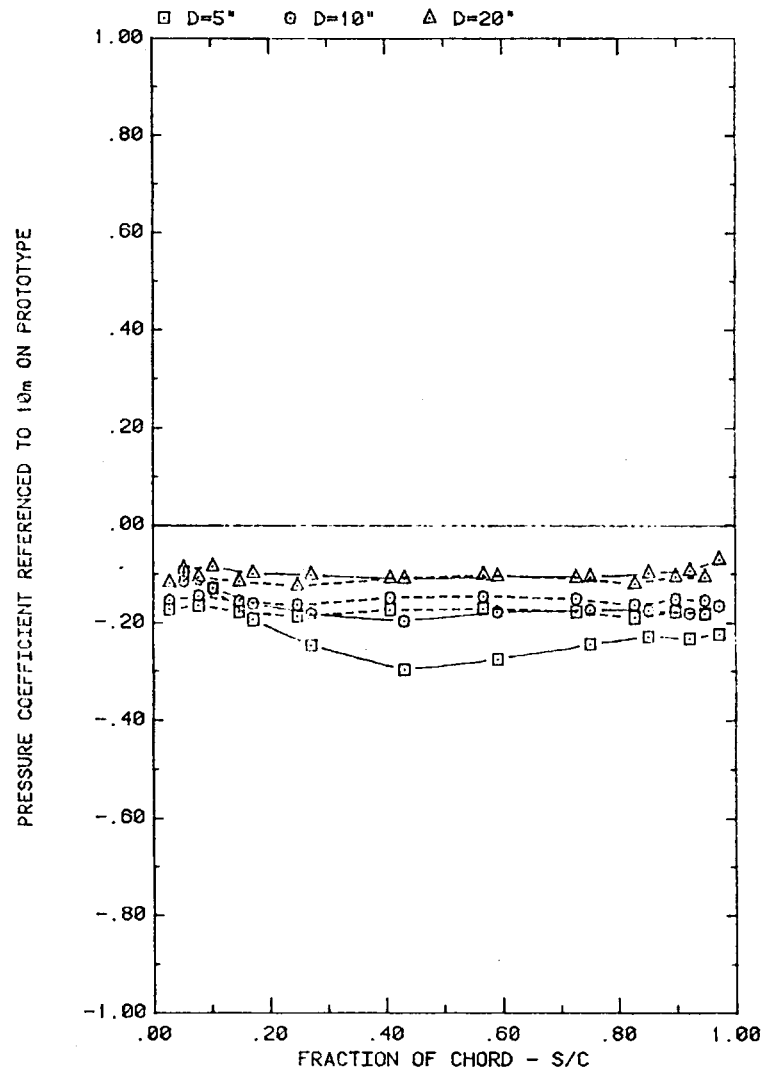


FRONT AND BACK PRESSURES ON ARRAY #1 WITH SEPARATION = 2C
EFFECT OF FENCE DISTANCE WITH H=3°, P=30%, AND ALPHA=160

Plot 3-3. (Continued)

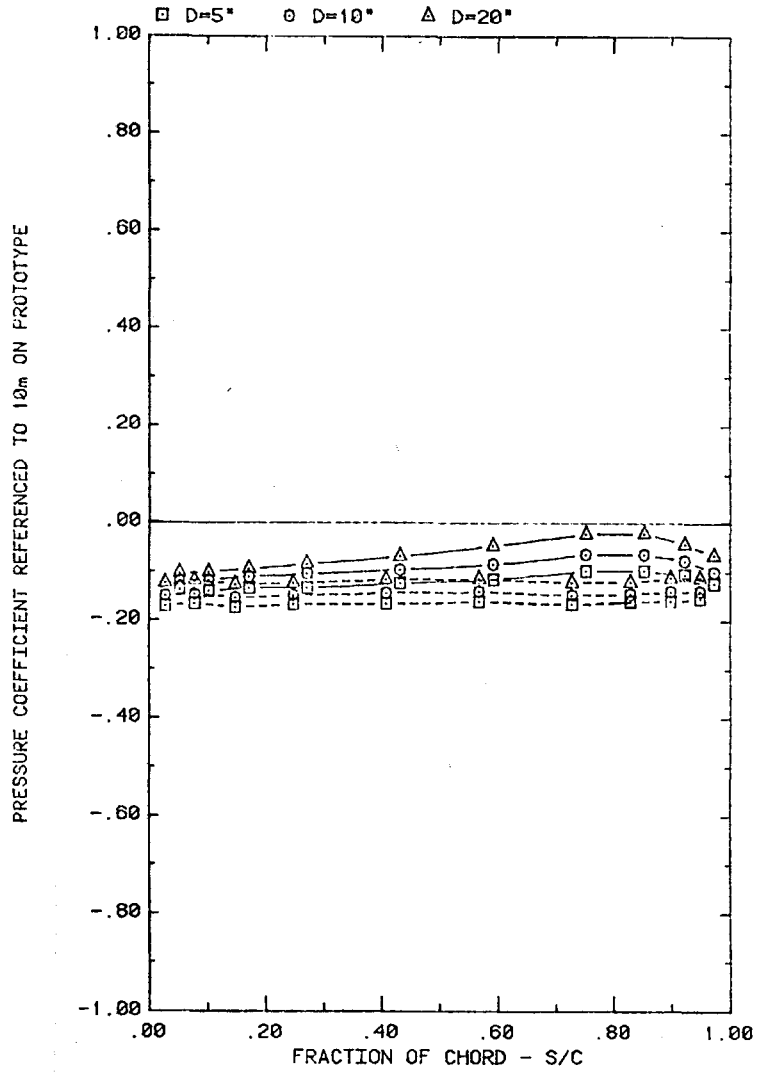


FRONT AND BACK PRESSURES ON ARRAY #2 WITH SEPARATION = 2C
EFFECT OF FENCE DISTANCE WITH H=3", P=30%, AND ALPHA=35

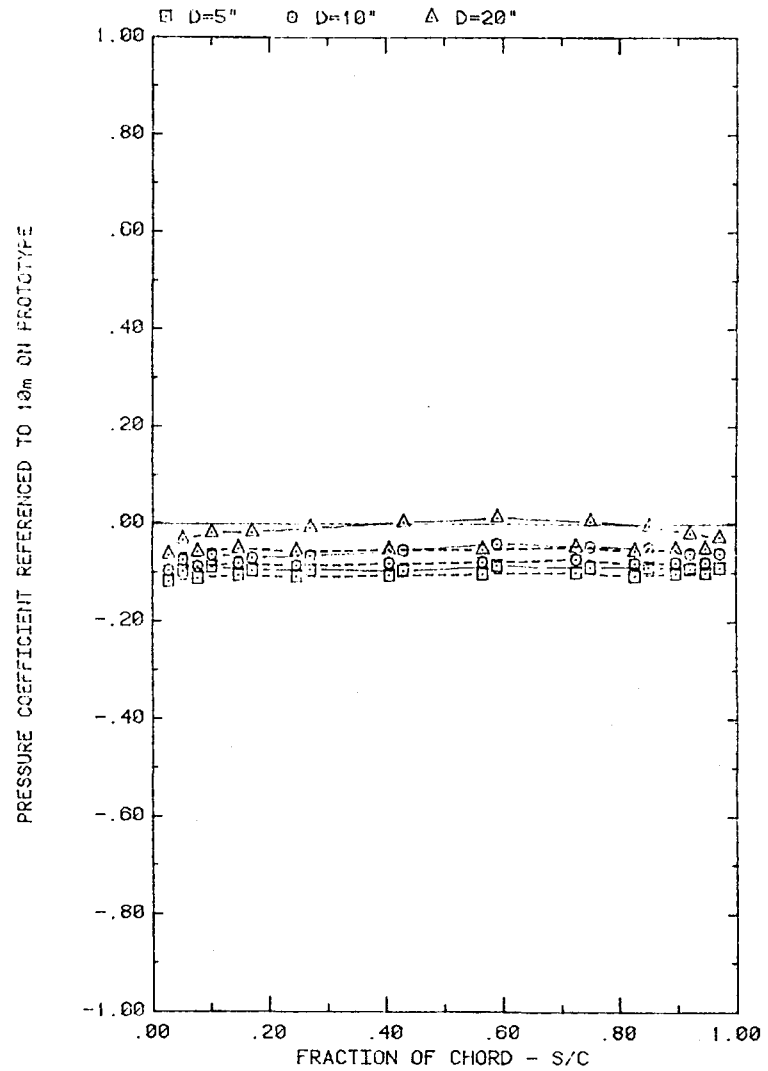


FRONT AND BACK PRESSURES ON ARRAY #2 WITH SEPARATION = 2C
EFFECT OF FENCE DISTANCE WITH H=3", P=30%, AND ALPHA=90

Plot 3-3. (Continued)

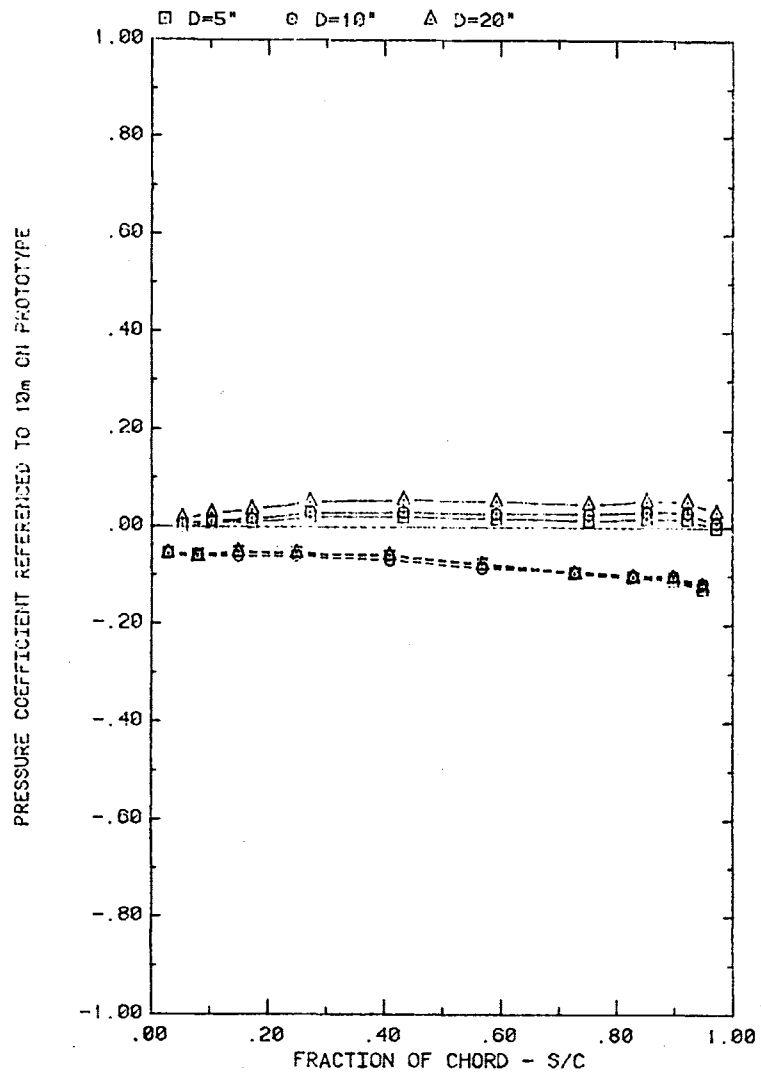


FRONT AND BACK PRESSURES ON ARRAY #2 WITH SEPARATION = 2C
 EFFECT OF FENCE DISTANCE WITH H=3", P=30%, AND ALPHA=145

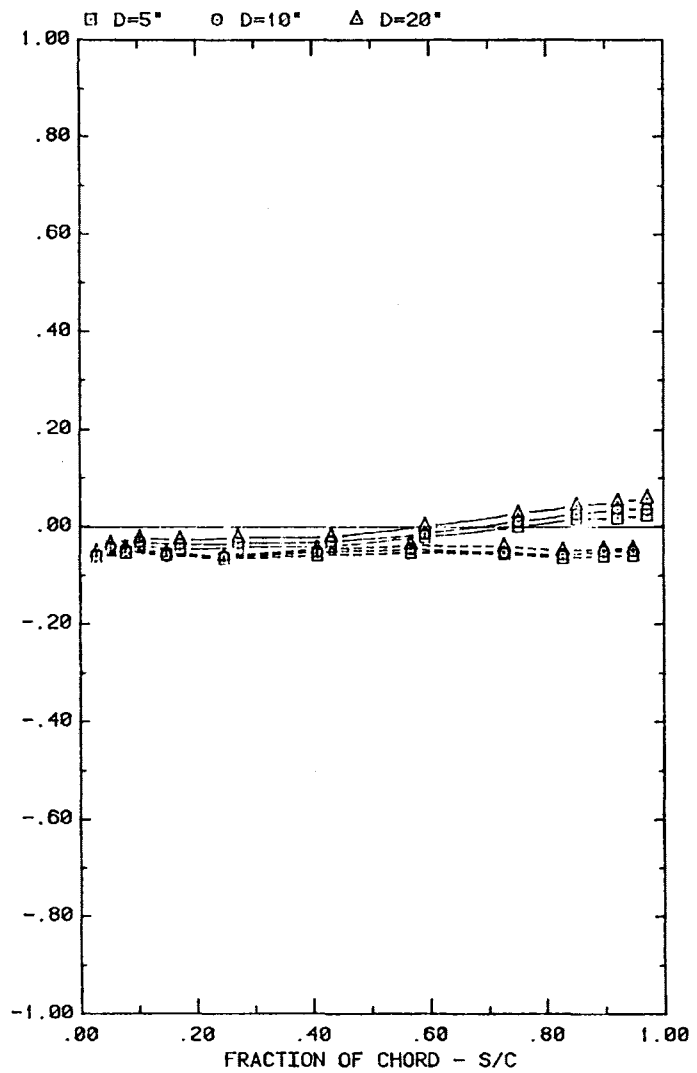


FRONT AND BACK PRESSURES ON ARRAY #2 WITH SEPARATION = 2C
 EFFECT OF FENCE DISTANCE WITH H=3", P=30%, AND ALPHA=160

Plot 3-3. (Continued)

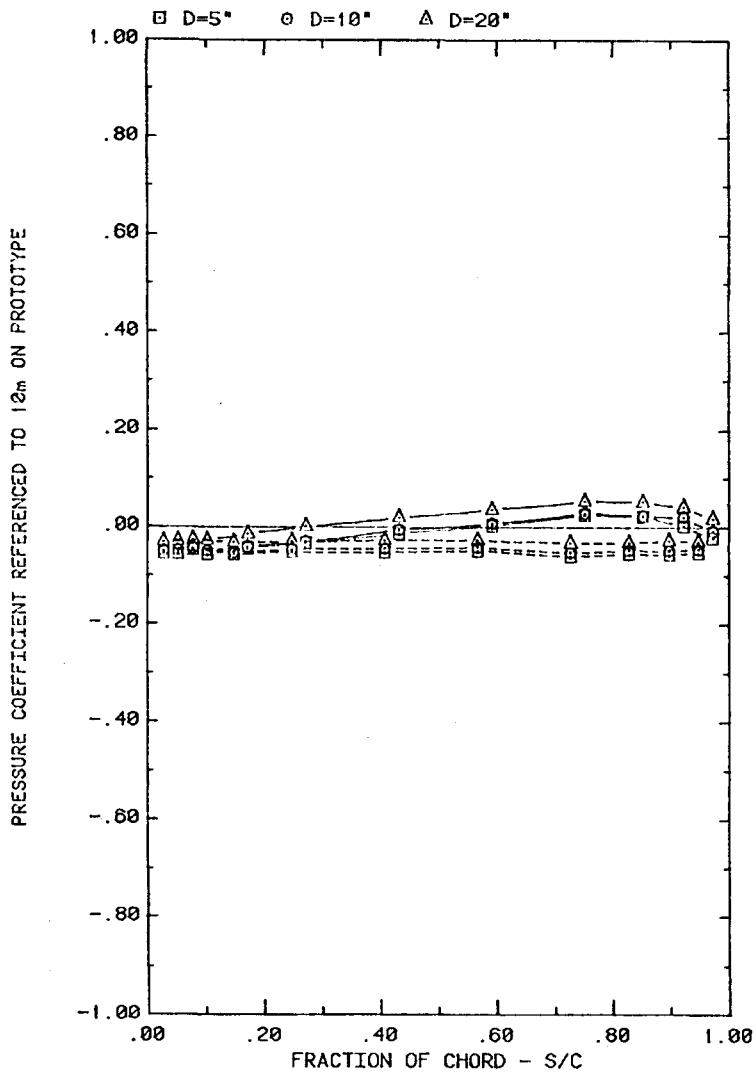


FRONT AND BACK PRESSURES ON ARRAY #5 WITH SEPARATION = 2C
EFFECT OF FENCE DISTANCE WITH H=3", P=30%, AND ALPHA=35

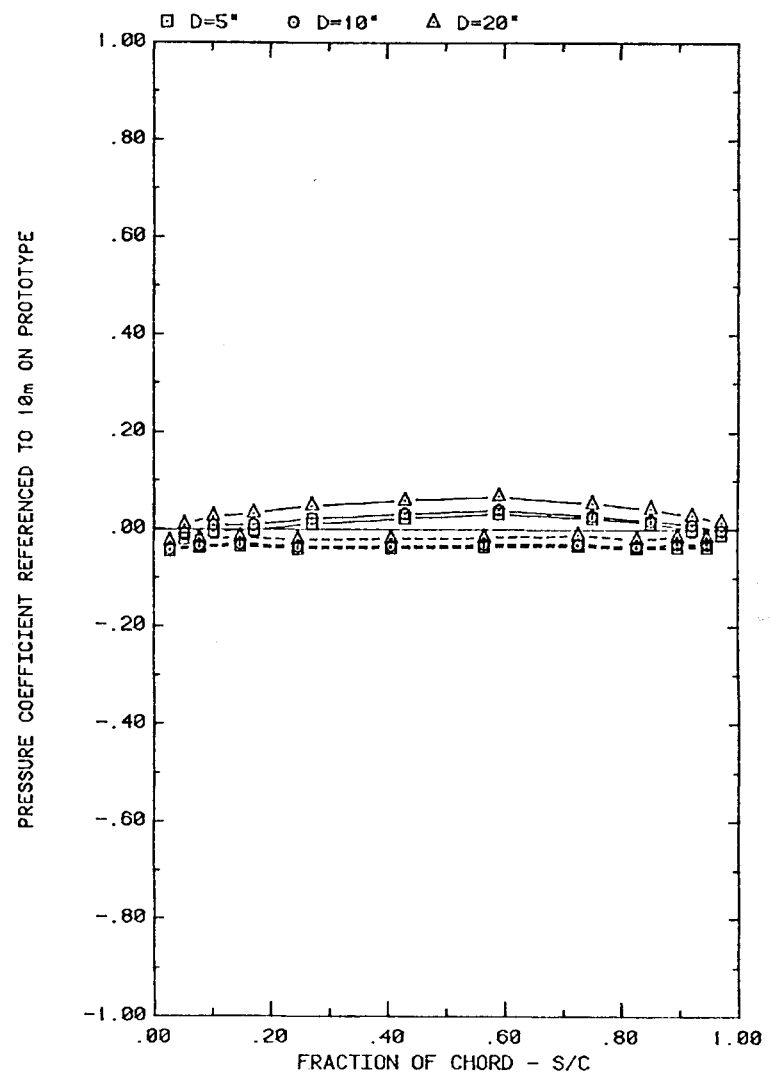


FRONT AND BACK PRESSURES ON ARRAY #5 WITH SEPARATION = 2C
EFFECT OF FENCE DISTANCE WITH H=3", P=30%, AND ALPHA=90

Plot 3-3. (Continued)

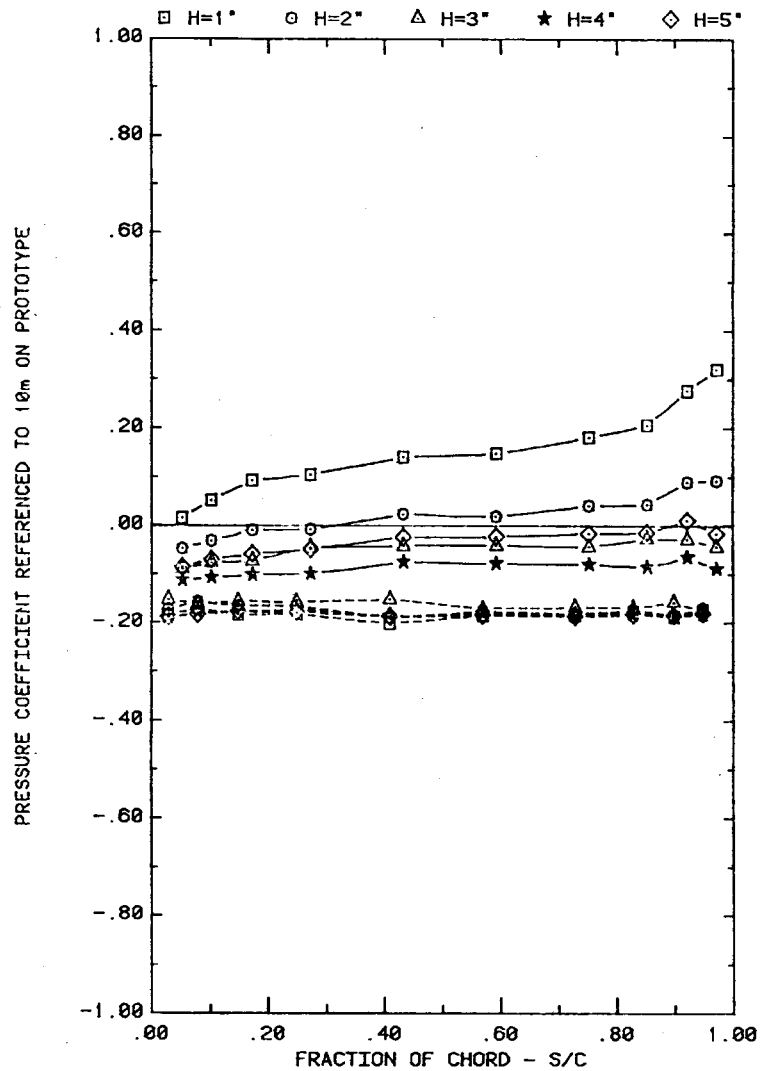


FRONT AND BACK PRESSURES ON ARRAY #5 WITH SEPARATION = 2C
EFFECT OF FENCE DISTANCE WITH H=3°, P=30%, AND ALPHA=145

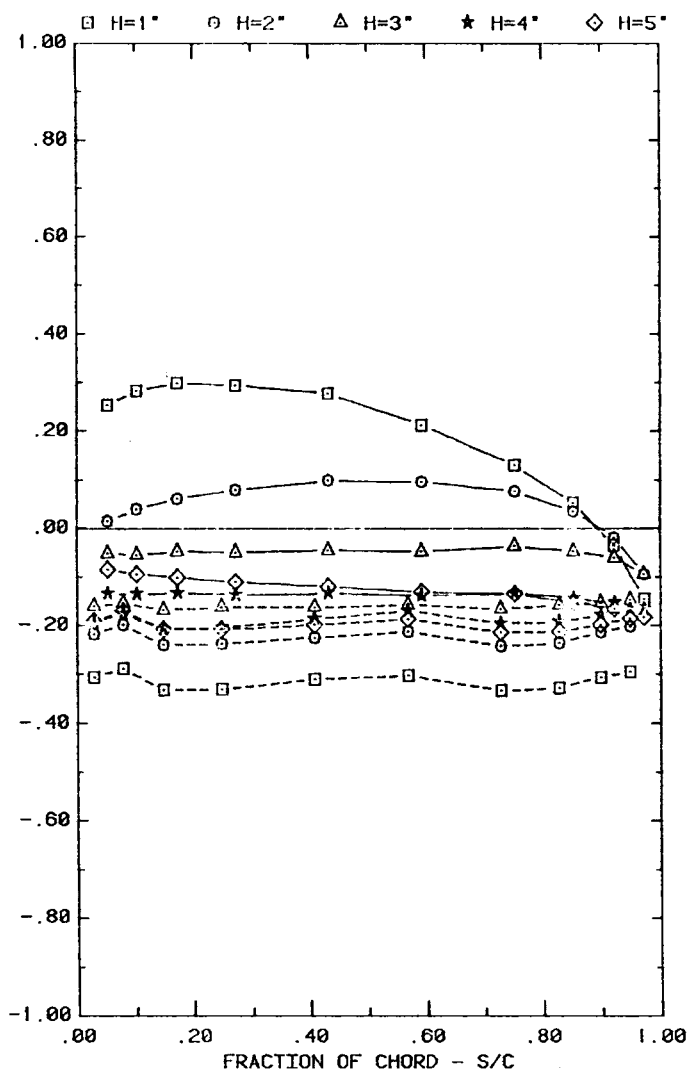


FRONT AND BACK PRESSURES ON ARRAY #5 WITH SEPARATION = 2C
EFFECT OF FENCE DISTANCE WITH H=3°, P=30%, AND ALPHA=160

Plot 3-3. (Concluded)

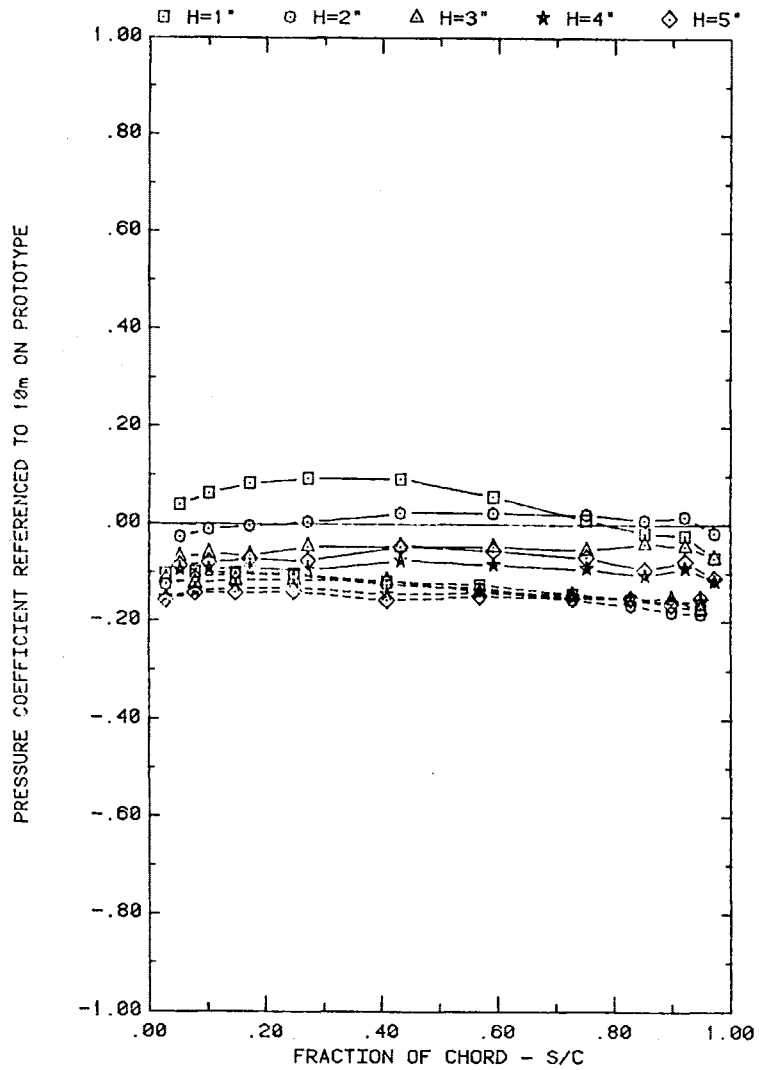


FRONT AND BACK PRESSURES ON ARRAY #1 WITH SEPARATION = 2C
EFFECT OF FENCE HEIGHT WITH ALPHA=35, D=10°, AND P=30%

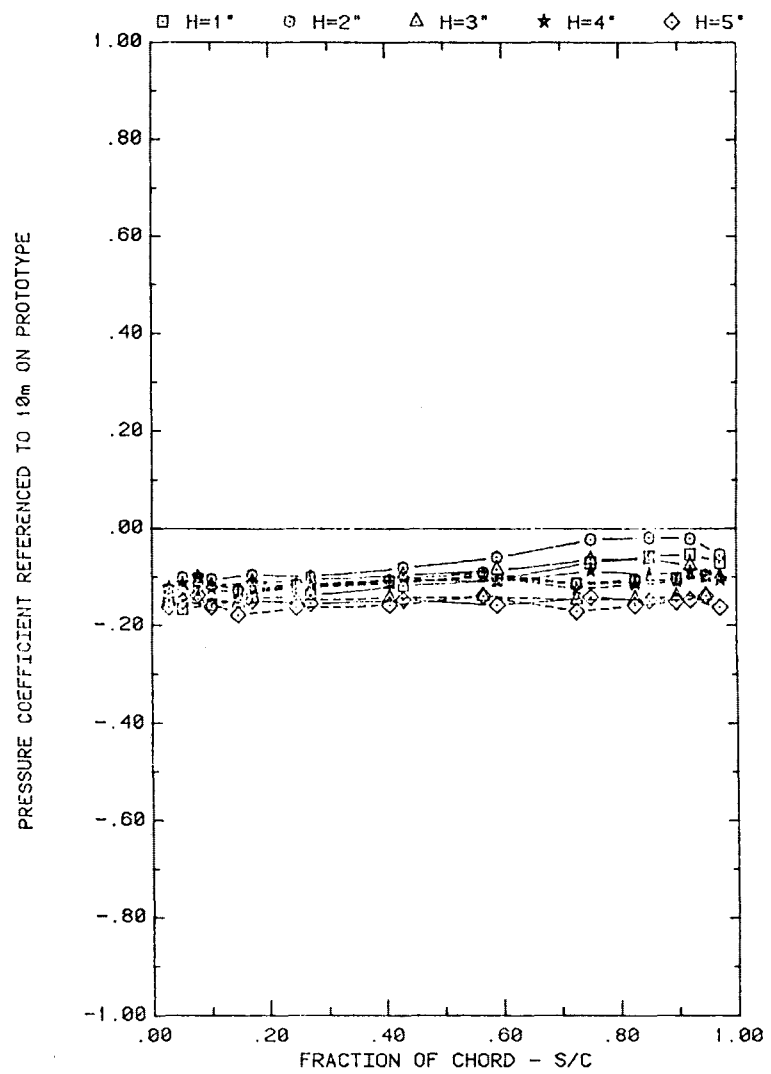


FRONT AND BACK PRESSURES ON ARRAY #1 WITH SEPARATION = 2C
EFFECT OF FENCE HEIGHT WITH ALPHA=145, D=10°, AND P=30%

Plot 3-4. Multiple Arrays with Fence, $WD = 0^\circ$
Effect of Fence Height

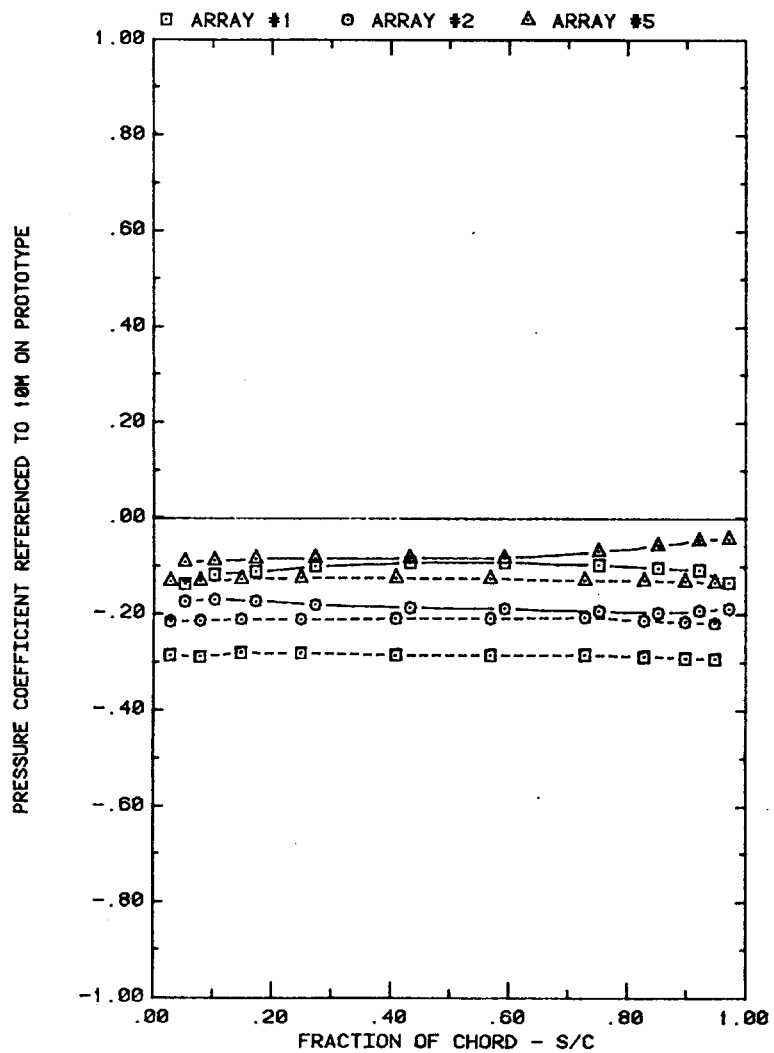


FRONT AND BACK PRESSURES ON ARRAY #2 WITH SEPARATION = 2C
EFFECT OF FENCE HEIGHT WITH ALPHA=35, D=10°, AND P=30%

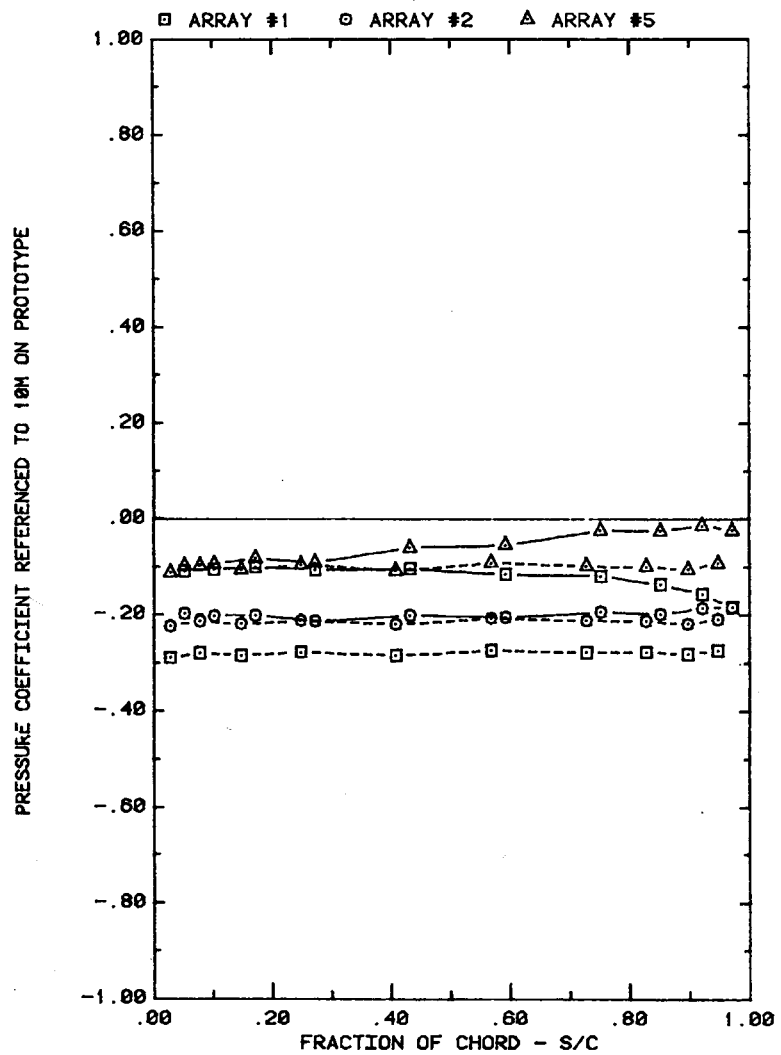


FRONT AND BACK PRESSURES ON ARRAY #2 WITH SEPARATION = 2C
EFFECT OF FENCE HEIGHT WITH ALPHA=145, D=10°, AND P=30%

Plot 3-4. (Continued)

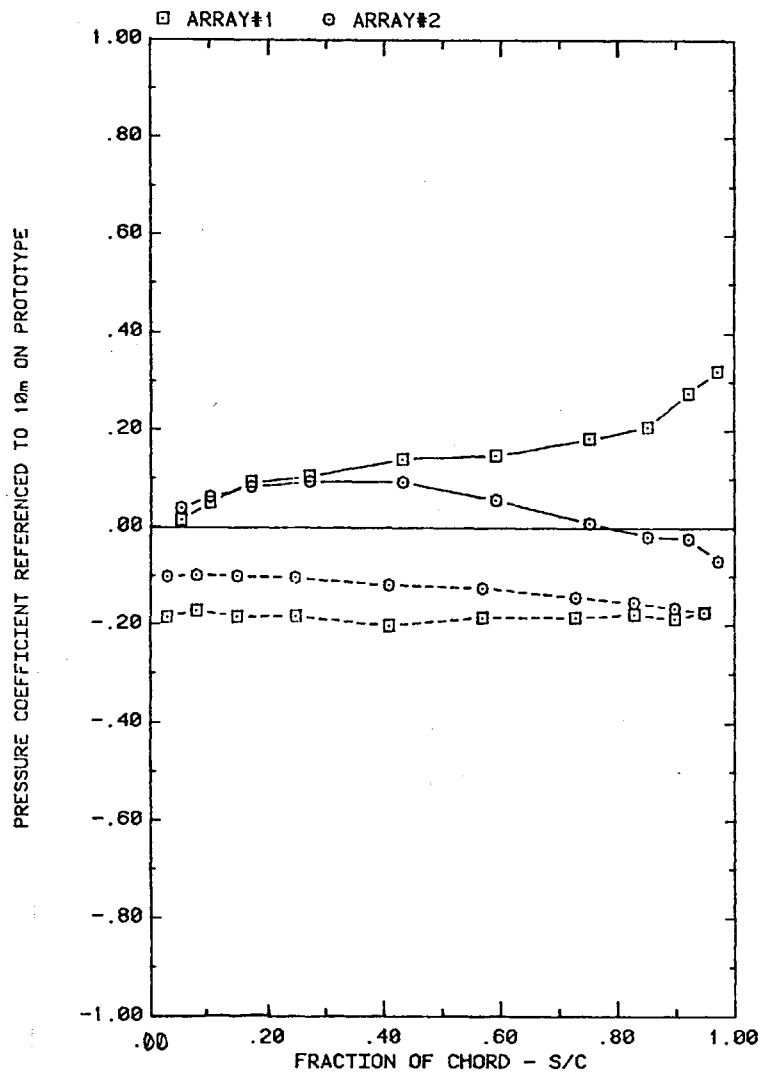


FRONT AND BACK PRESSURES ON ARRAYS #1, #2, #5 WITH SEPARATION = 2C
EFFECT OF ARRAY WITH ALPHA = 60, WIND = 0, HF = 4°

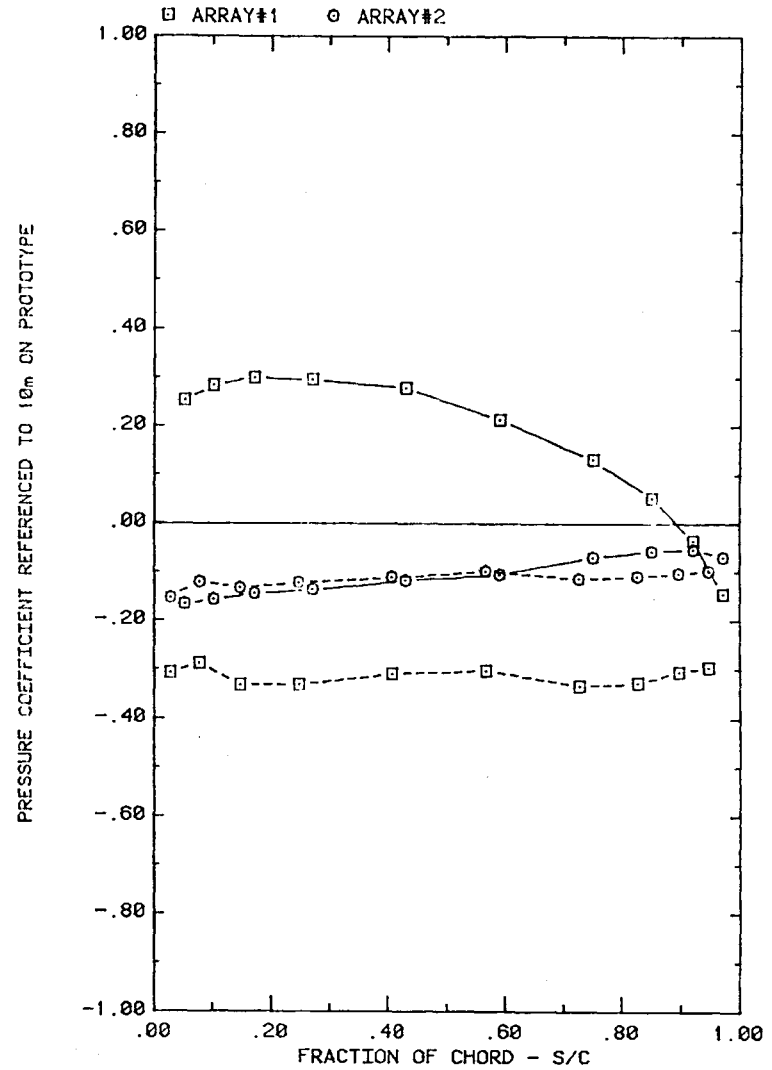


FRONT AND BACK PRESSURES ON ARRAYS #1, #2, #5 WITH SEPARATION = 2C
EFFECT OF ARRAY WITH ALPHA = 120, WIND = 0, HF = 4°

Plot 3-4. (Continued)

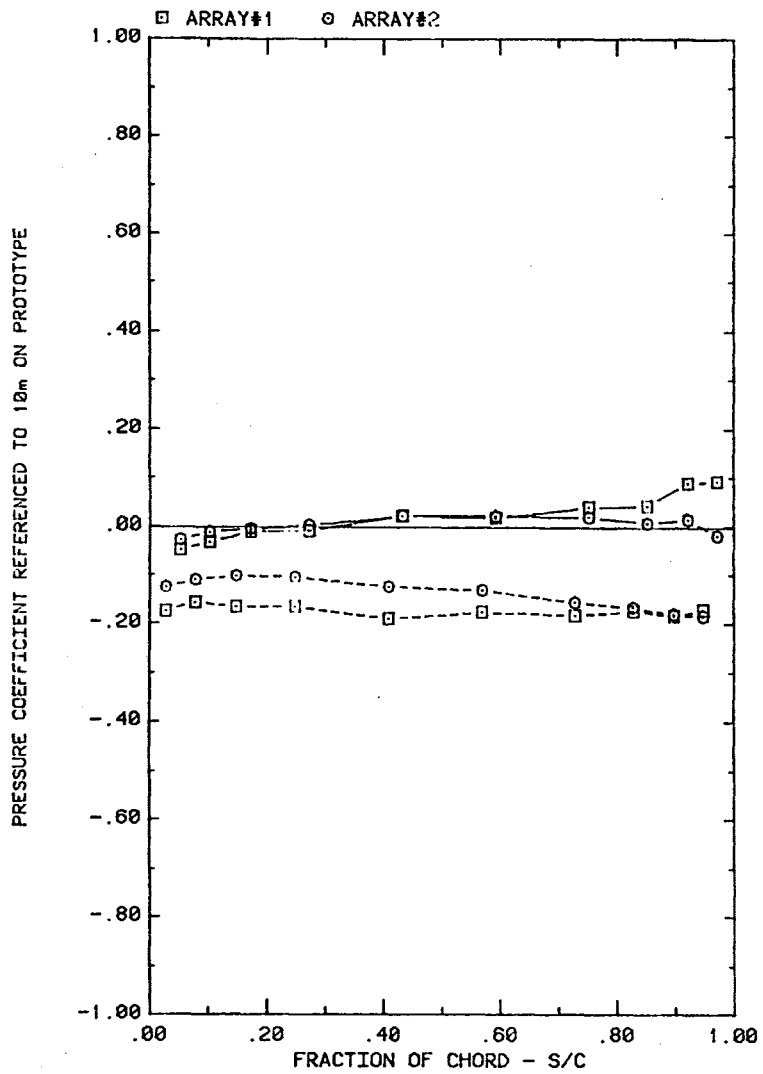


FRONT AND BACK PRESSURES ON ARRAYS #1 WITH SEPARATION = 2C
EFFECT OF ARRAY WITH ALPHA=35, H=1", D=10", AND P=30%

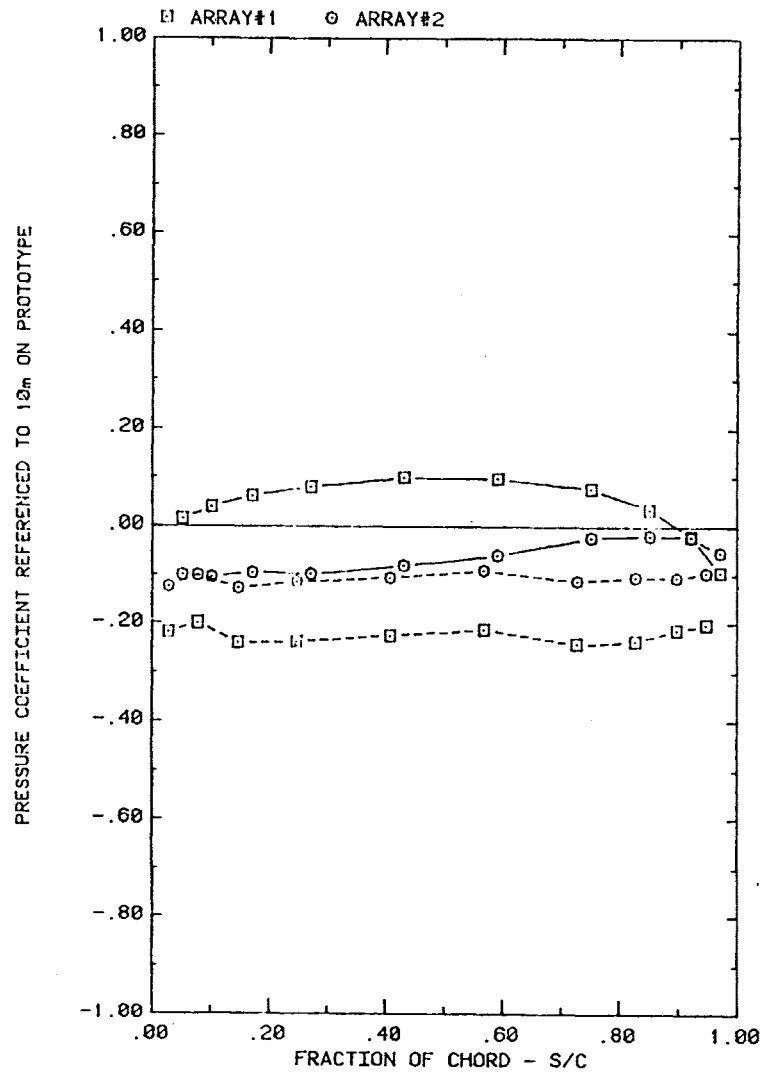


FRONT AND BACK PRESSURES ON ARRAYS #1 WITH SEPARATION = 2C
EFFECT OF ARRAY WITH ALPHA=145, H=1", D=10", AND P=30%

Plot 3-4. (Continued)

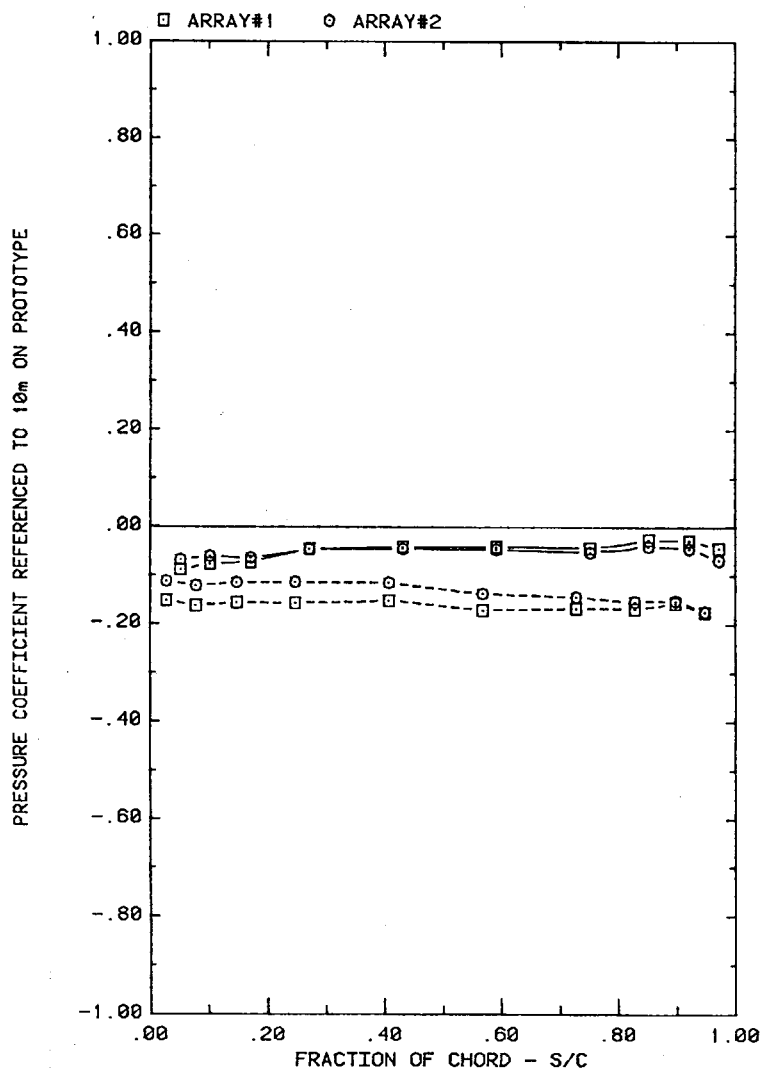


FRONT AND BACK PRESSURES ON ARRAYS #1 WITH SEPARATION = 2C
EFFECT OF ARRAY WITH ALPHA=35, H=2°, D=10°, AND P=30%

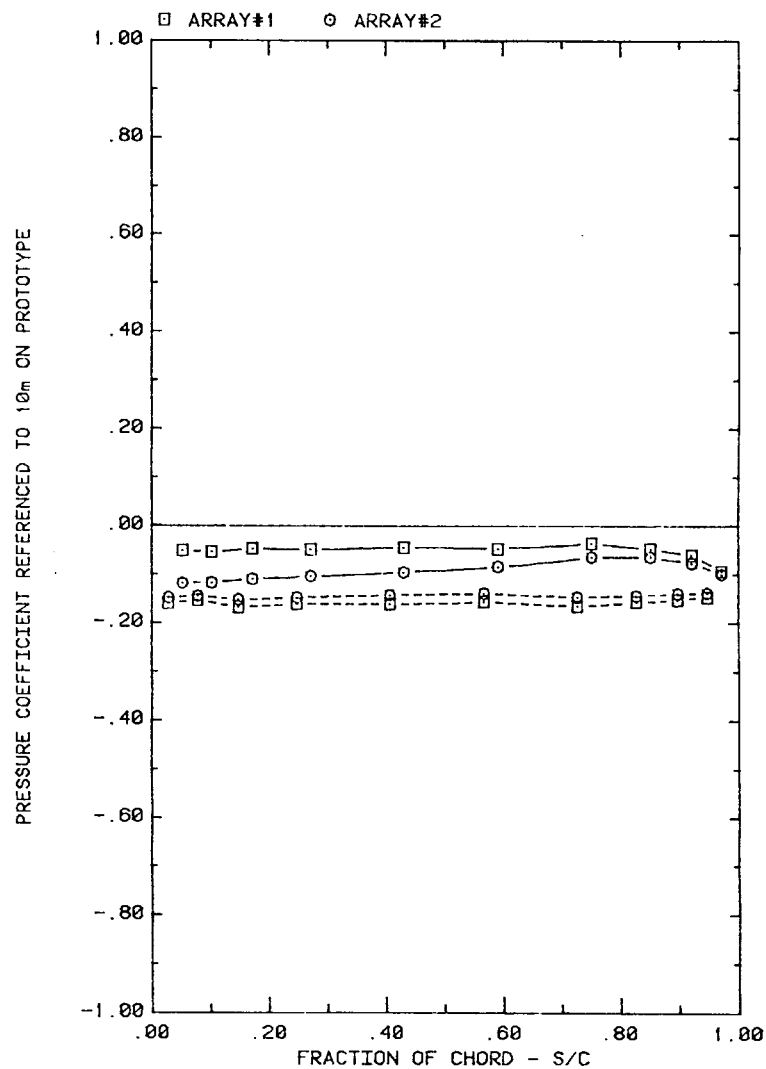


FRONT AND BACK PRESSURES ON ARRAYS #1 WITH SEPARATION = 2C
EFFECT OF ARRAY WITH ALPHA=145, H=2°, D=10°, AND P=30%

Plot 3-4. (Continued)

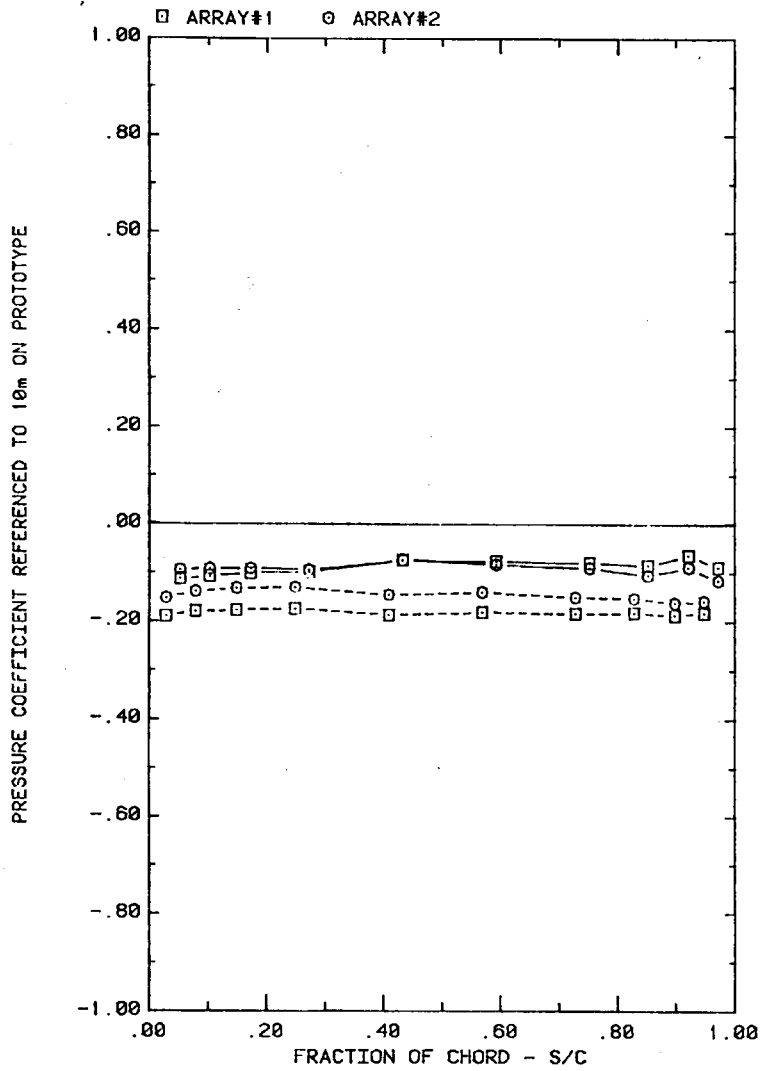


FRONT AND BACK PRESSURES ON ARRAYS #1 WITH SEPARATION = 2C
EFFECT OF ARRAY WITH ALPHA=35, H=3", D=10", AND P=30%

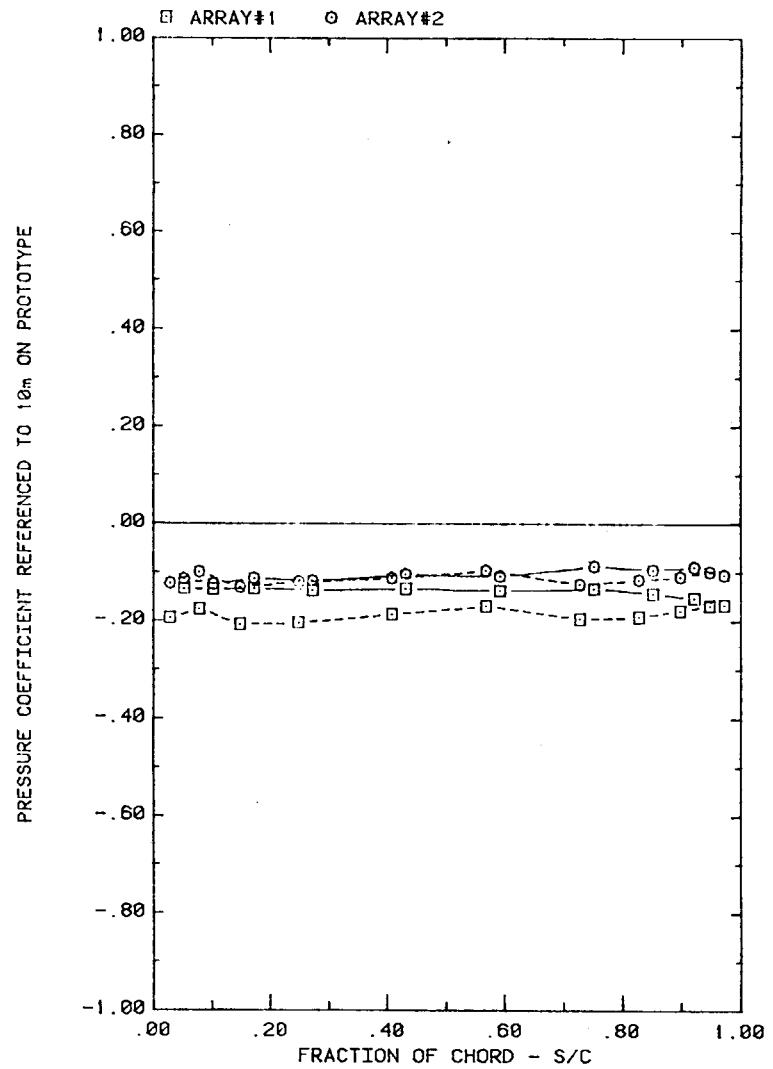


FRONT AND BACK PRESSURES ON ARRAYS #1 WITH SEPARATION = 2C
EFFECT OF ARRAY WITH ALPHA=145, H=3", D=10", AND P=30%

Plot 3-4. (Continued)

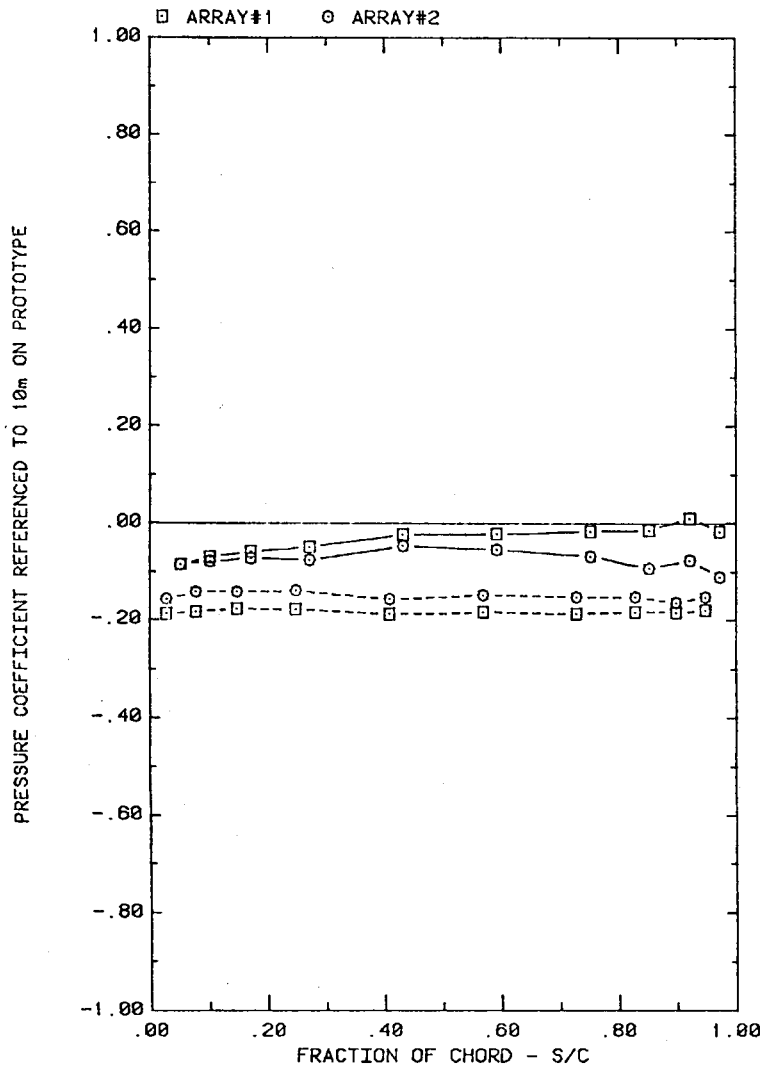


FRONT AND BACK PRESSURES ON ARRAYS #1 WITH SEPARATION = 2C
EFFECT OF ARRAY WITH ALPHA=35, H=4", D=10", AND P=30%

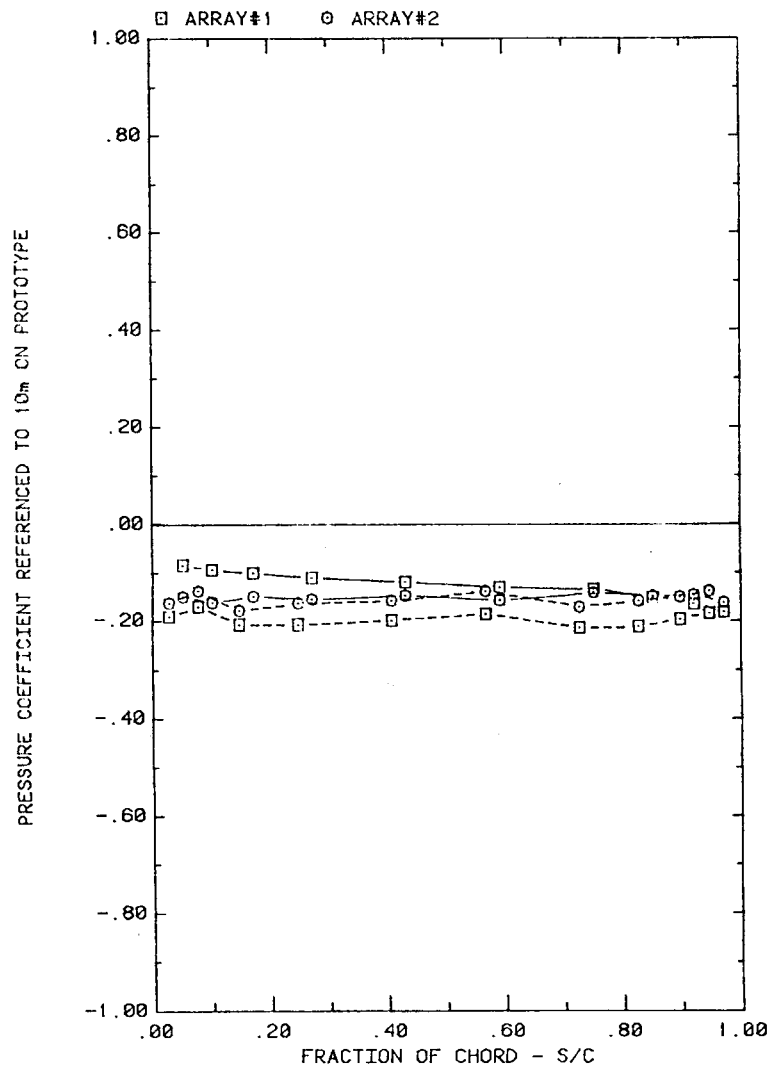


FRONT AND BACK PRESSURES ON ARRAYS #1 WITH SEPARATION = 2C
EFFECT OF ARRAY WITH ALPHA=145, H=4", D=10", AND P=30%

Plot 3-4. (Continued)

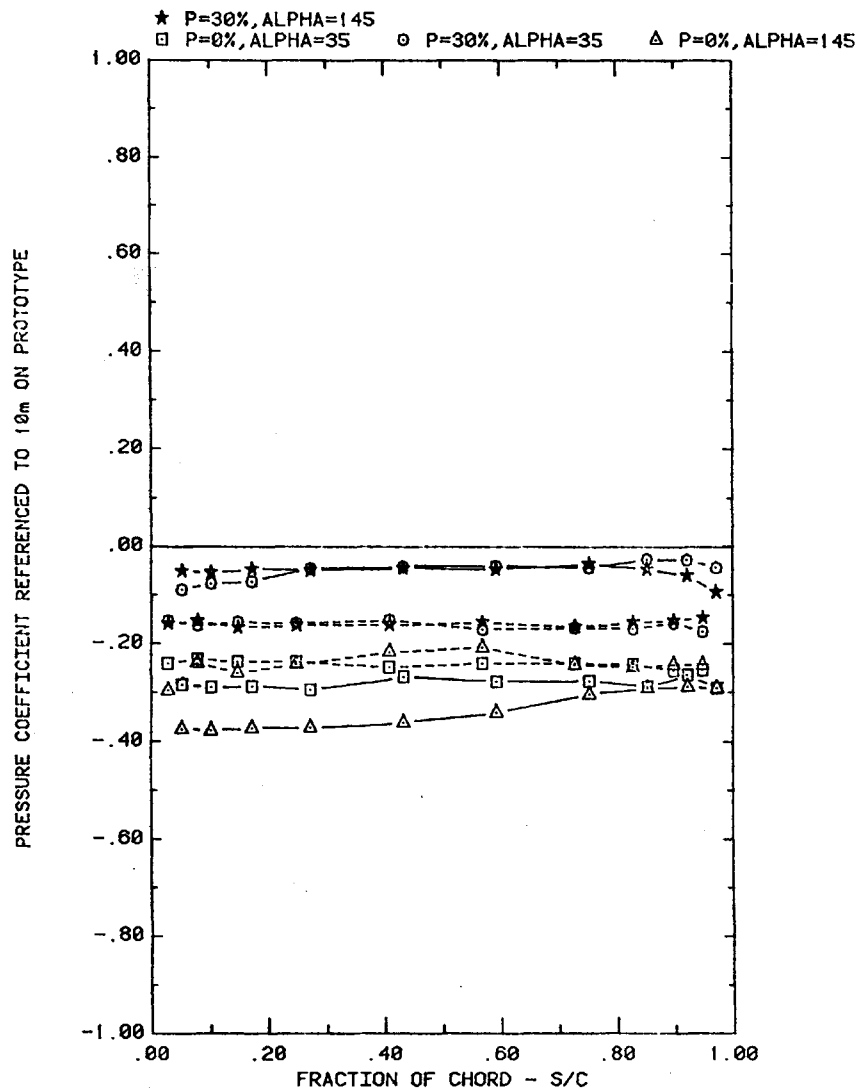


FRONT AND BACK PRESSURES ON ARRAYS #1 WITH SEPARATION = 2C
EFFECT OF ARRRAY WITH ALPHA=35, H=5", D=10", AND P=30%

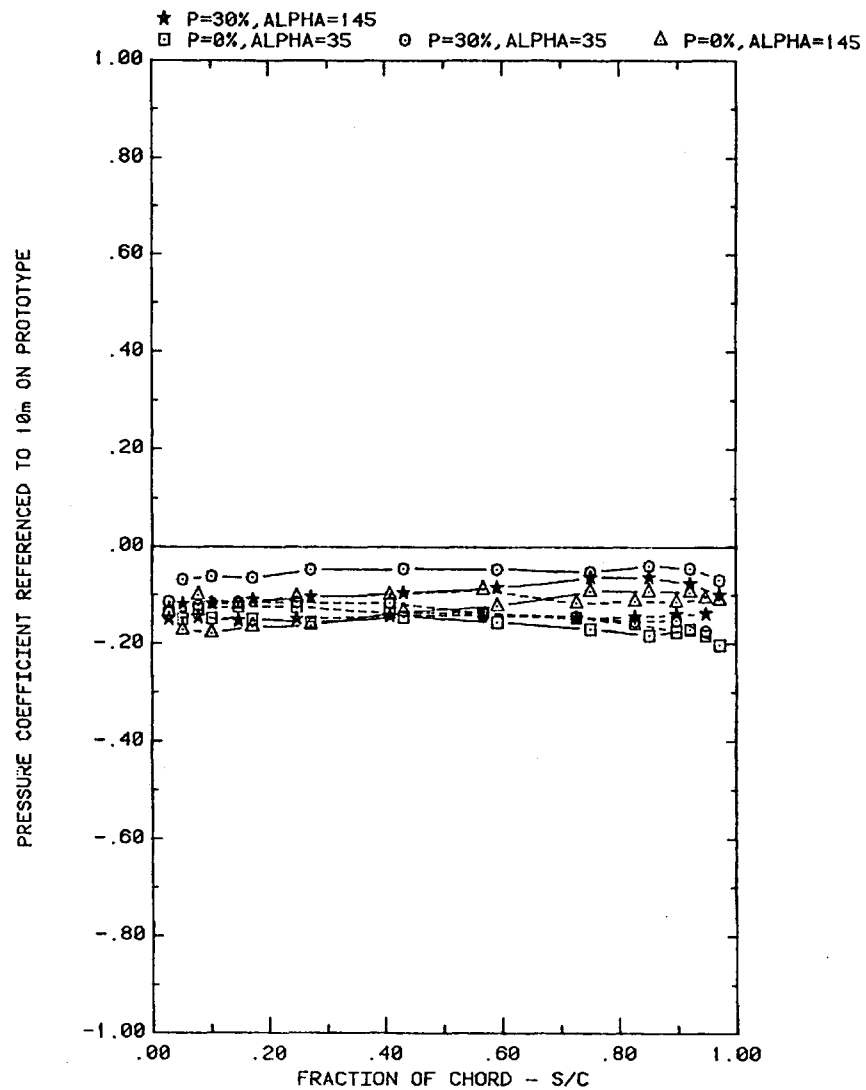


FRONT AND BACK PRESSURES ON ARRAYS #1 WITH SEPARATION = 2C
EFFECT OF ARRAY WITH ALPHA=145, H=5", D=10", AND P=30%

Plot 3-4. (Concluded)

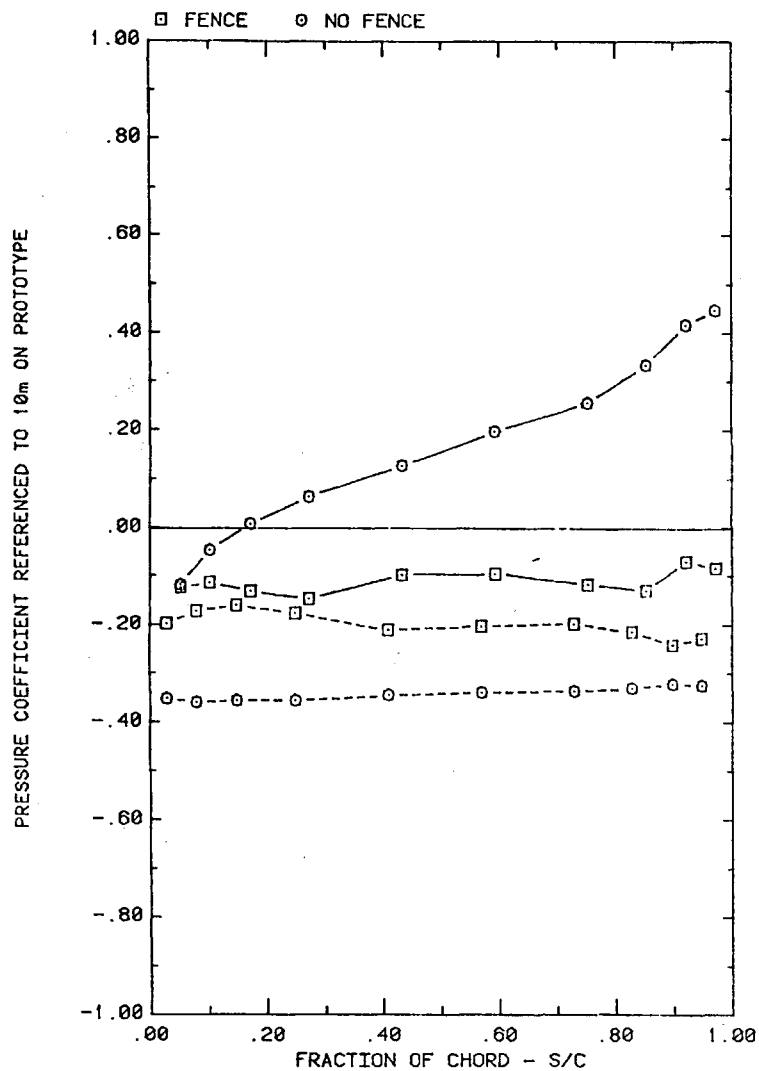


FRONT AND BACK PRESSURES ON ARRAY #1 WITH SEPARATION = 2C
 EFFECT OF FENCE POROSITY WITH ALPHA=35 OR 145, D=10°, AND H=3"

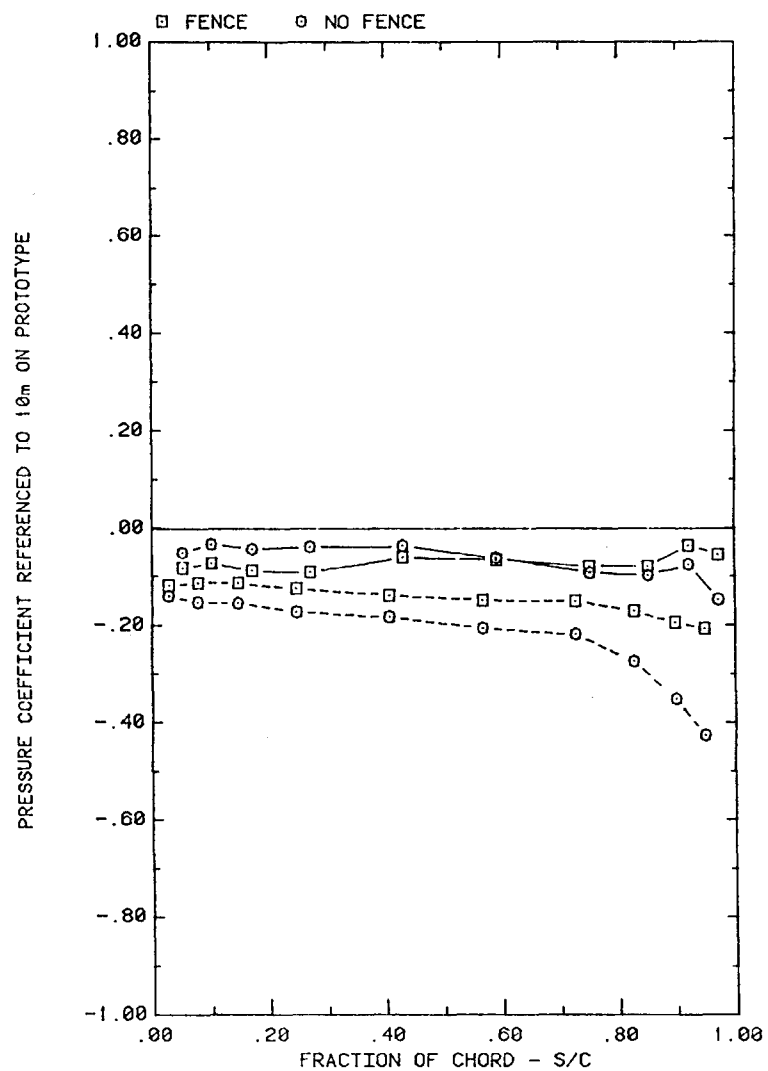


FRONT AND BACK PRESSURES ON ARRAY #2 WITH SEPARATION = 2C
 EFFECT OF FENCE POROSITY WITH ALPHA=35 OR 145, D=10°, AND H=3"

Plot 3-5. Multiple Arrays with Fence, WD = 0°
 Effect of Fence Porosity

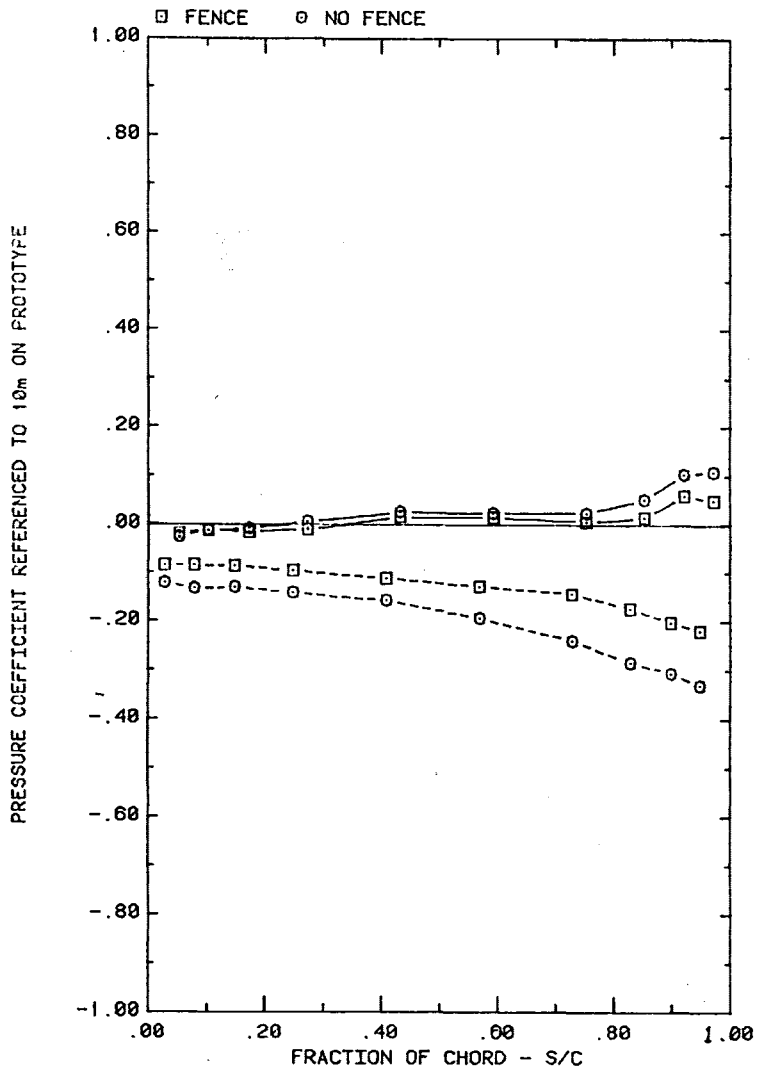


FRONT AND BACK PRESSURES ON ARRAY #1 WITH $X=2C$, AND WIND=0
EFFECT OF FENCE ON ARRAY EDGE; ALPHA=35, H=3", D=10", AND P=30%

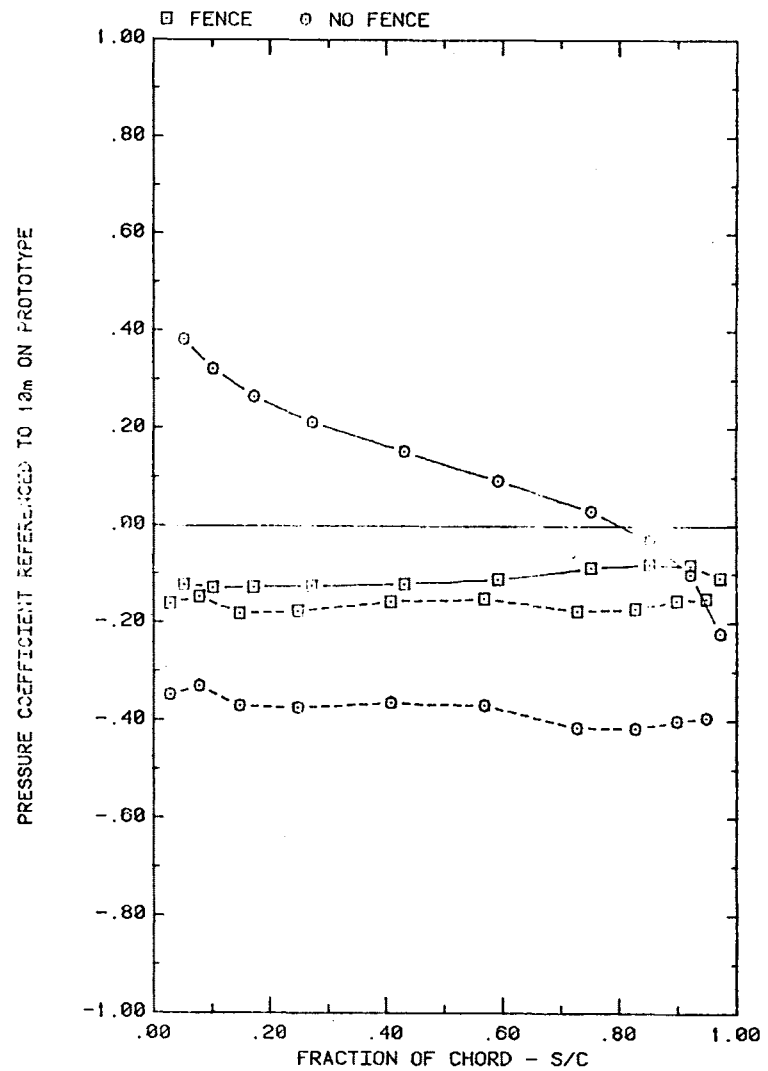


FRONT AND BACK PRESSURES ON ARRAY #2 WITH $X=2C$, AND WIND=0
EFFECT OF FENCE ON ARRAY EDGE; ALPHA=35, H=3", D=10", AND P=30%

Plot 4-1. Edge Study, $WD = 0^\circ$
Effect of Fence

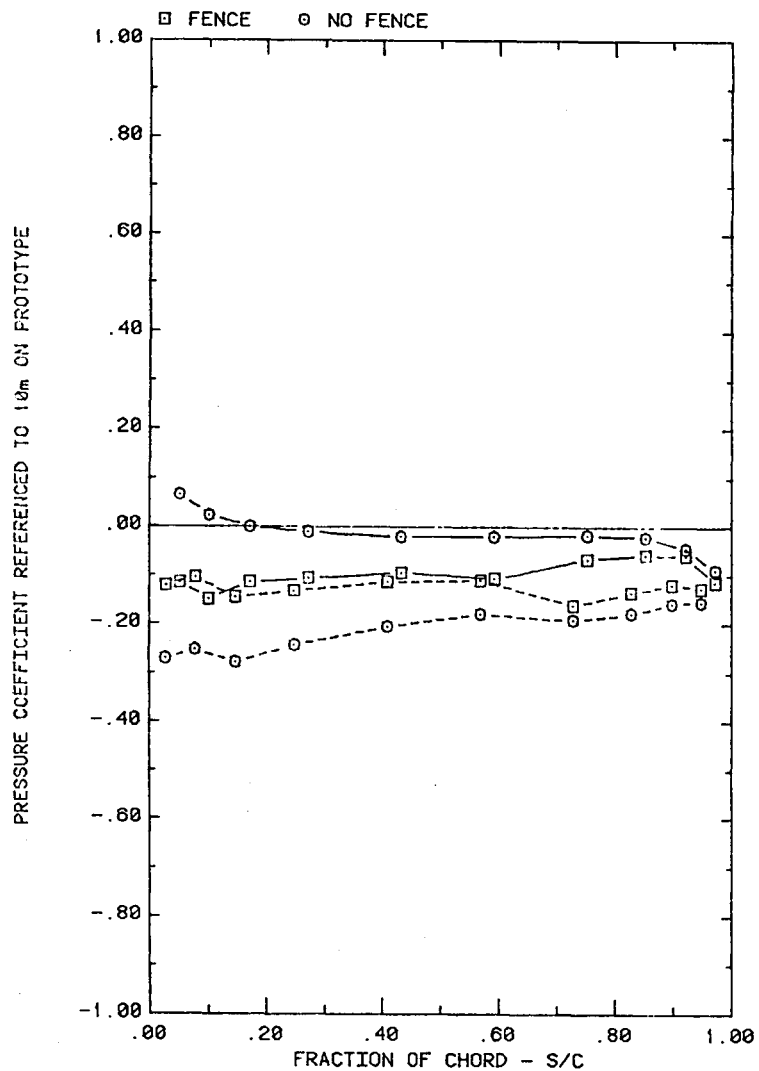


FRONT AND BACK PRESSURES ON ARRAY #5 WITH $X=2C$, AND WIND=0
EFFECT OF FENCE ON ARRAY EDGE; $\alpha=35^\circ$, $H=3''$, $D=10''$, AND $P=30\%$

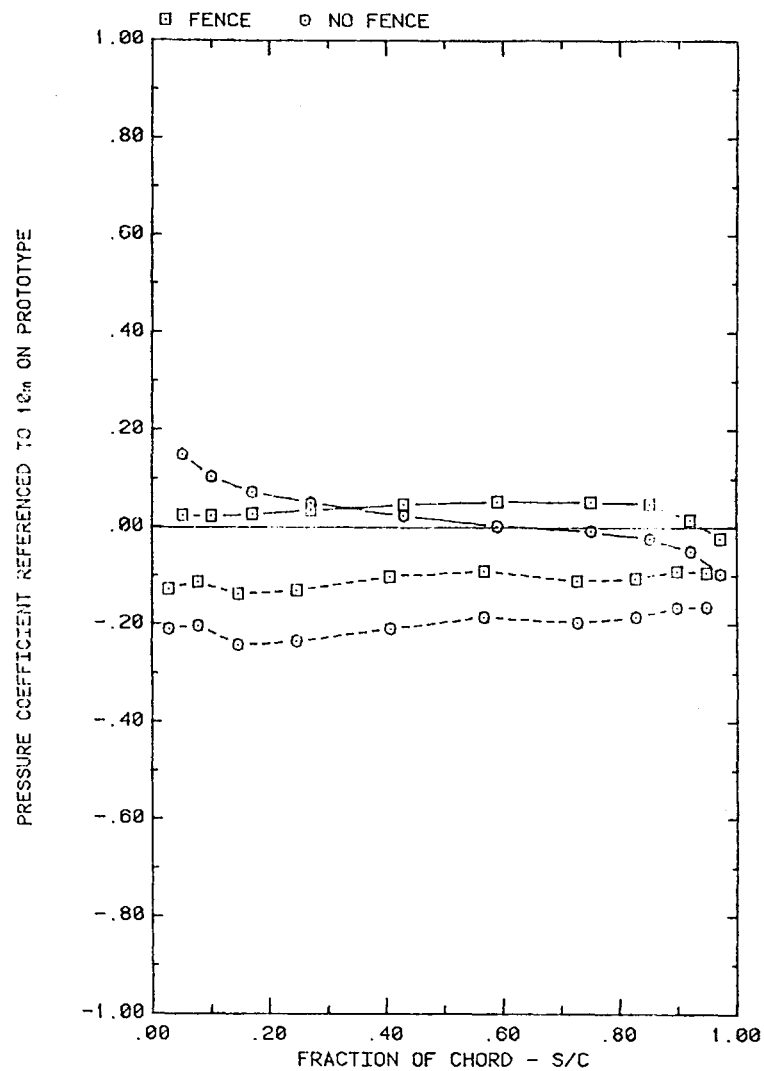


FRONT AND BACK PRESSURES ON ARRAY #1 WITH $X=2C$, AND WIND=0
EFFECT OF FENCE ON ARRAY EDGE; $\alpha=145^\circ$, $H=3''$, $D=10''$, AND $P=30\%$

Plot 4-1. (Continued)

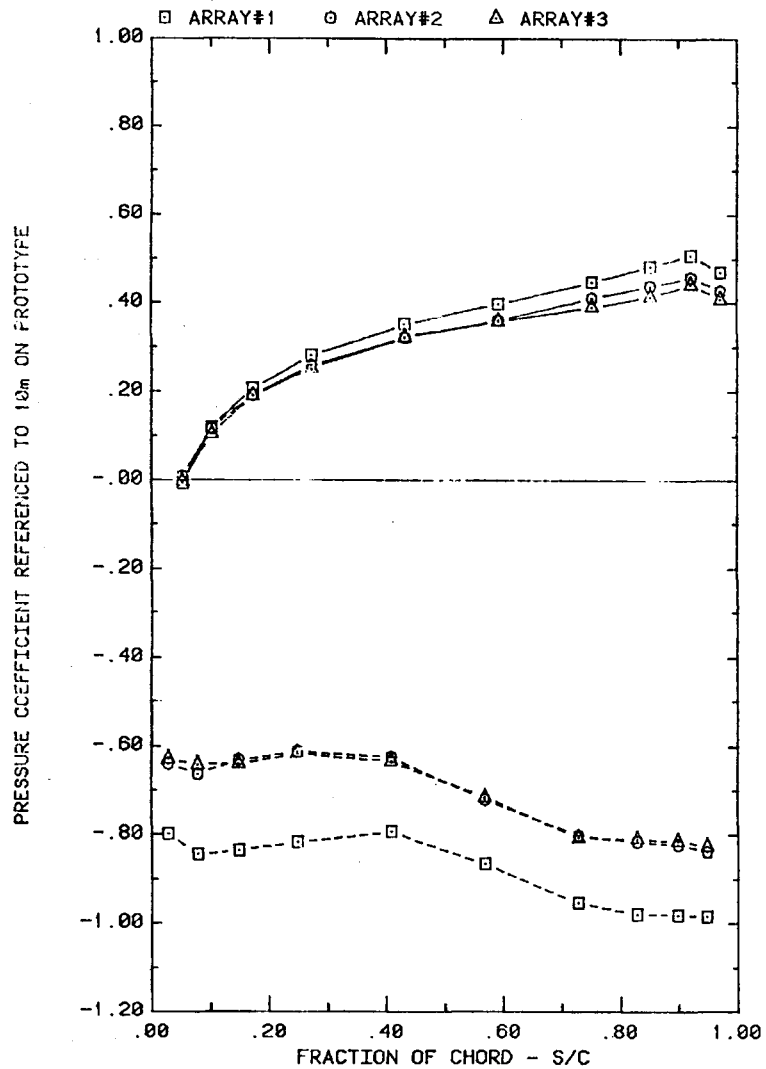


FRONT AND BACK PRESSURES ON ARRAY #2 WITH $X=2C$, AND $WIND=0$
EFFECT OF FENCE ON ARRAY EDGE; $\alpha=145^\circ$, $H=3^\circ$, $D=10^\circ$, AND $P=30\%$

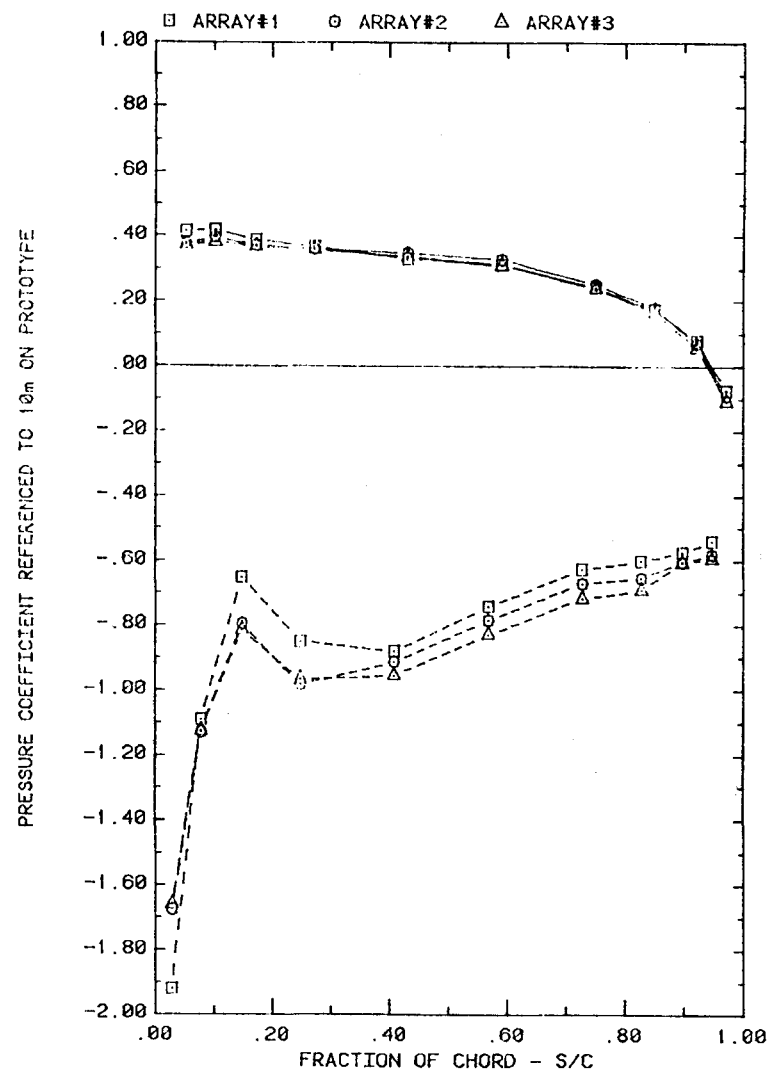


FRONT AND BACK PRESSURES ON ARRAY #5 WITH $X=2C$, AND $WIND=0$
EFFECT OF FENCE ON ARRAY EDGE; $\alpha=145^\circ$, $H=3^\circ$, $D=10^\circ$, AND $P=30\%$

Plot 4-1. (Concluded)

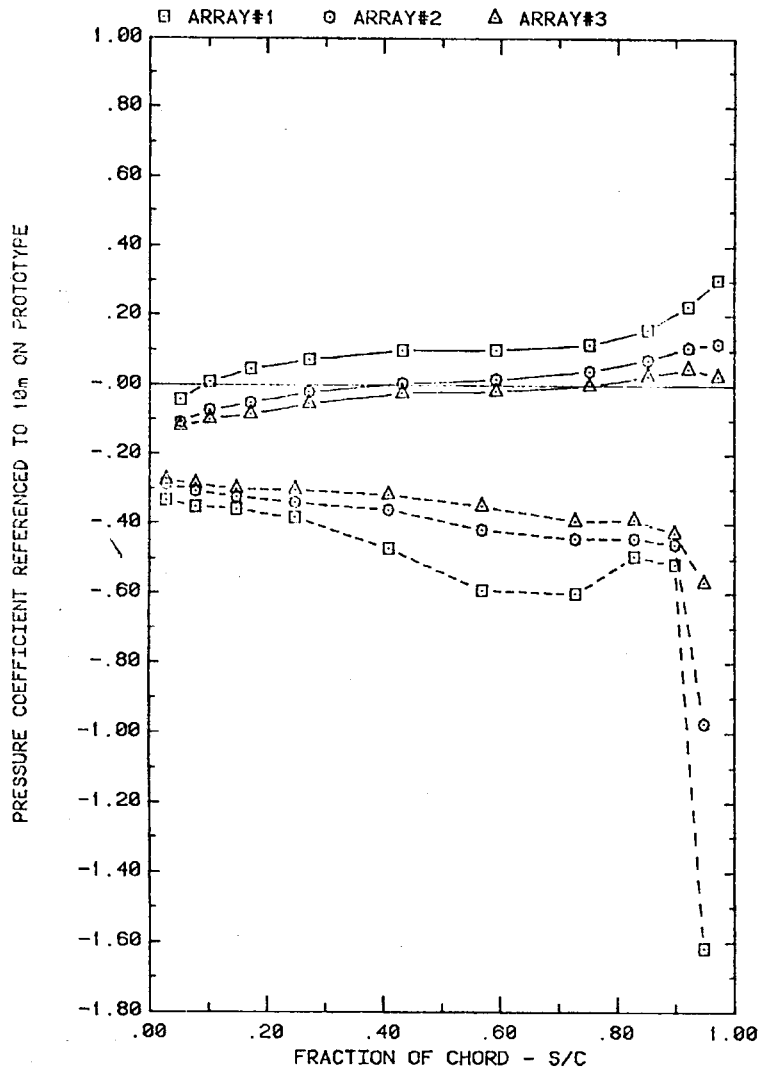


FRONT AND BACK PRESSURES 0.6" IN FROM ARRAY EDGE; X=2C, WIND=45
EFFECT OF ARRAY WITH ALPHA=35, FC=0, H=3", D=10", AND P=30%

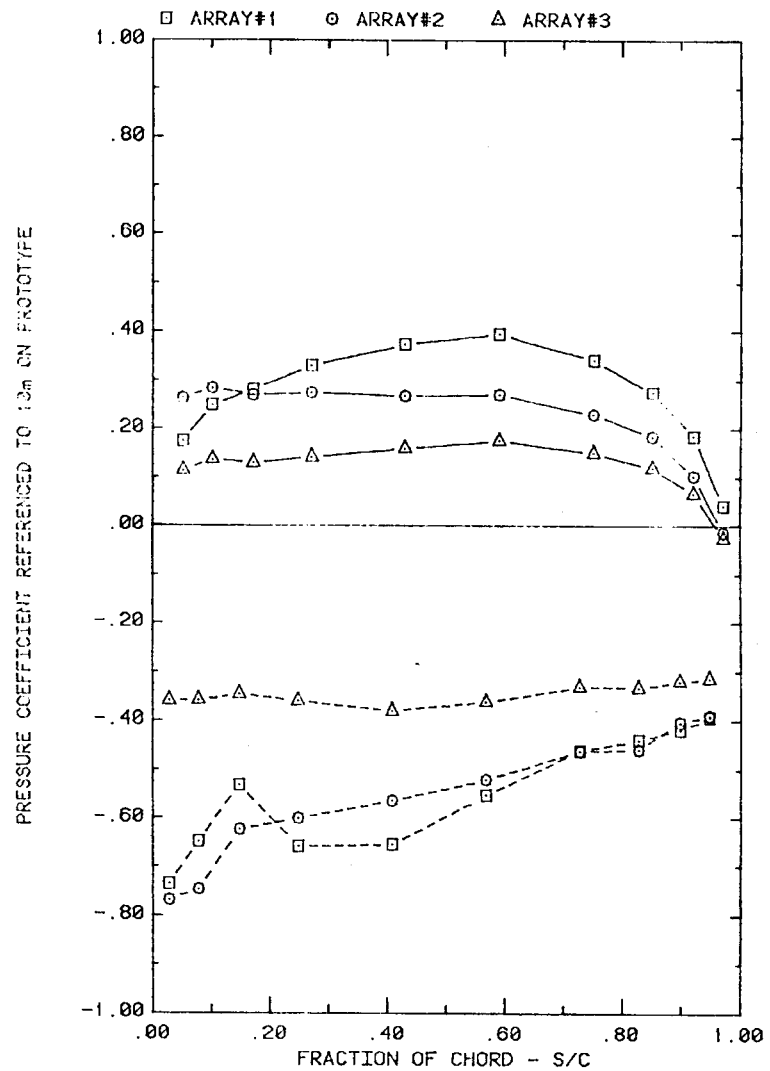


FRONT AND BACK PRESSURES 0.6" IN FROM ARRAY EDGE; X=2C, WIND=45
EFFECT OF ARRAY WITH ALPHA=145, FC=0, H=3", D=10", AND P=30%

Plot 5-1-1. Corner Study, WD = 45°, Standard Model
Effect of Array Position

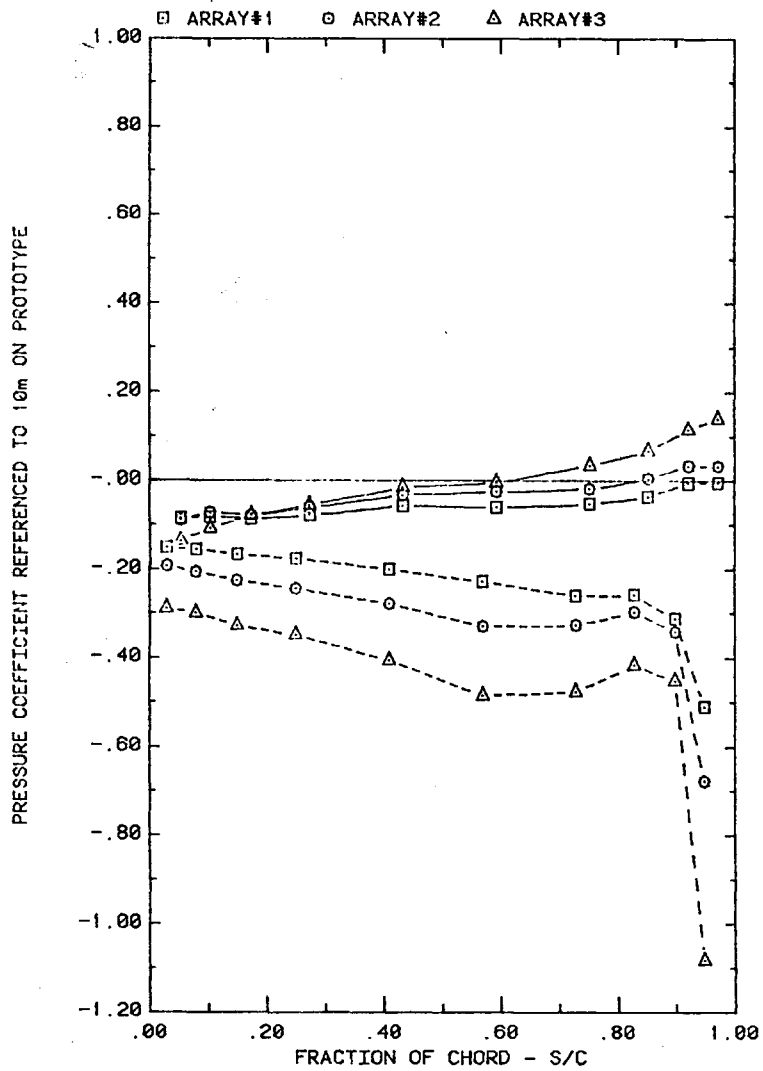


FRONT AND BACK PRESSURES 0.6" IN FROM ARRAY EDGE; X=2C, WIND=45
EFFECT OF ARRAY WITH ALPHA=35, FC=1, H=3", D=10", AND P=30%

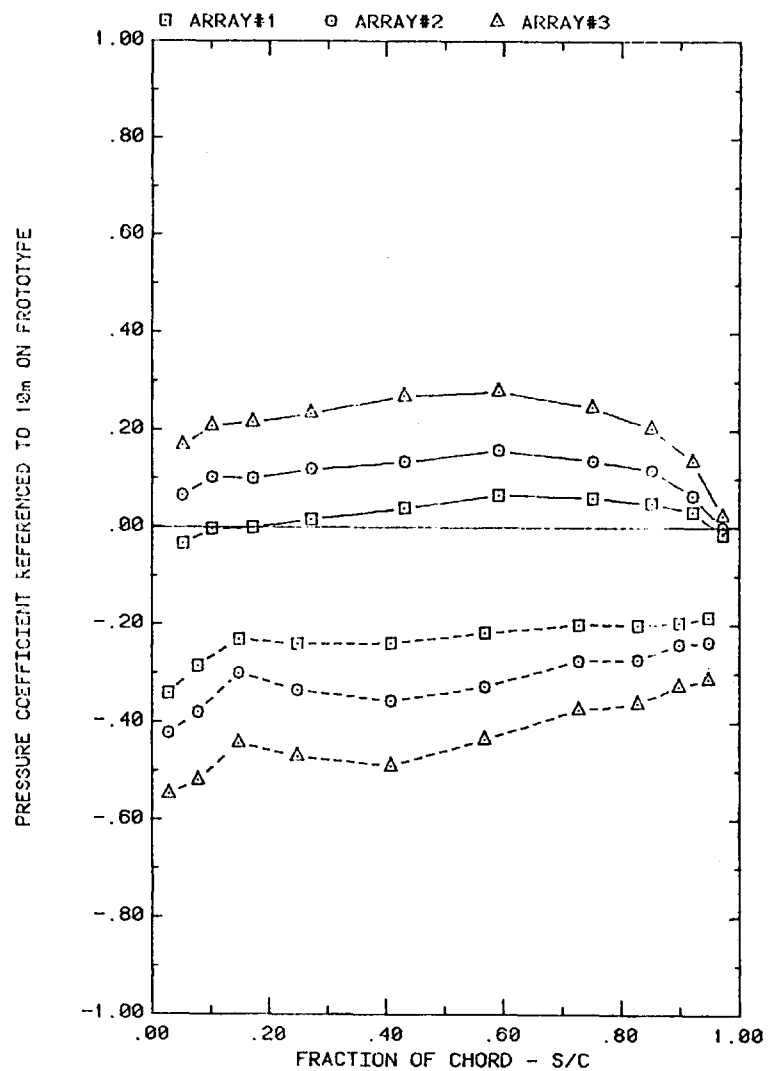


FRONT AND BACK PRESSURES 0.6" IN FROM ARRAY EDGE; X=2C, WIND=45
EFFECT OF ARRAY WITH ALPHA=145, FC=1, H=3", D=10", AND P=30%

Plot 5-1-1. (Continued)

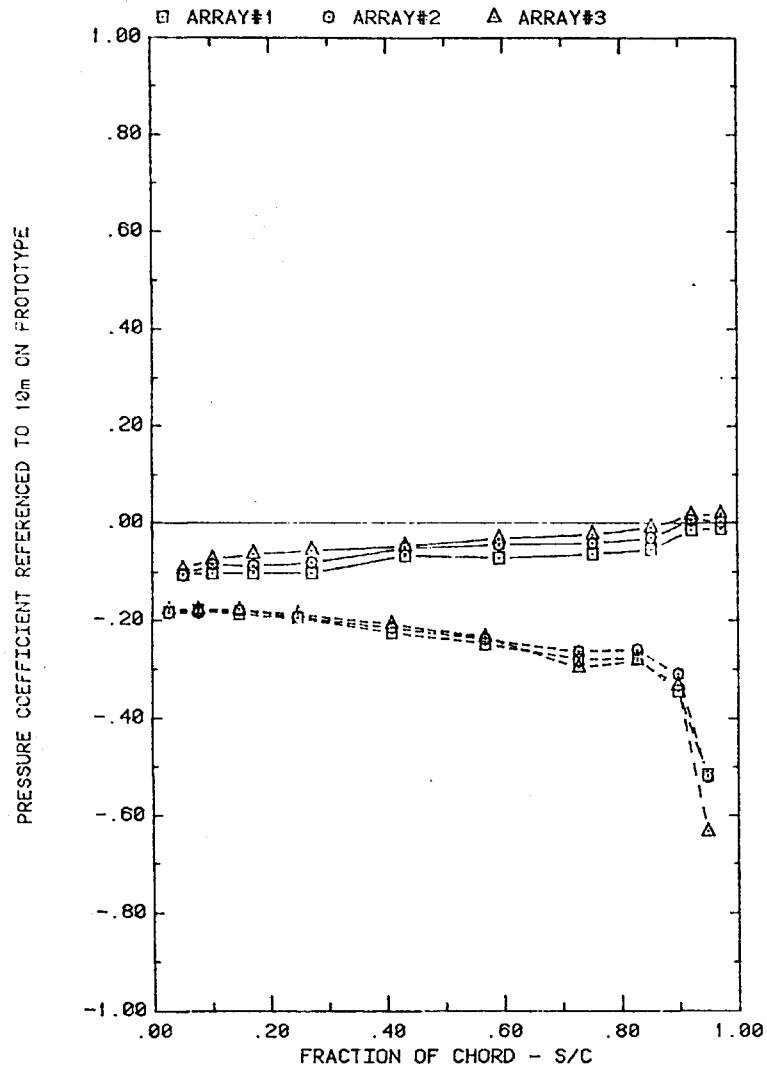


FRONT AND BACK PRESSURES 0.6" IN FROM ARRAY EDGE; X=2C, WIND=45
EFFECT OF ARRAY WITH ALPHA=35, FC=2, H=3", D=10", AND P=30%

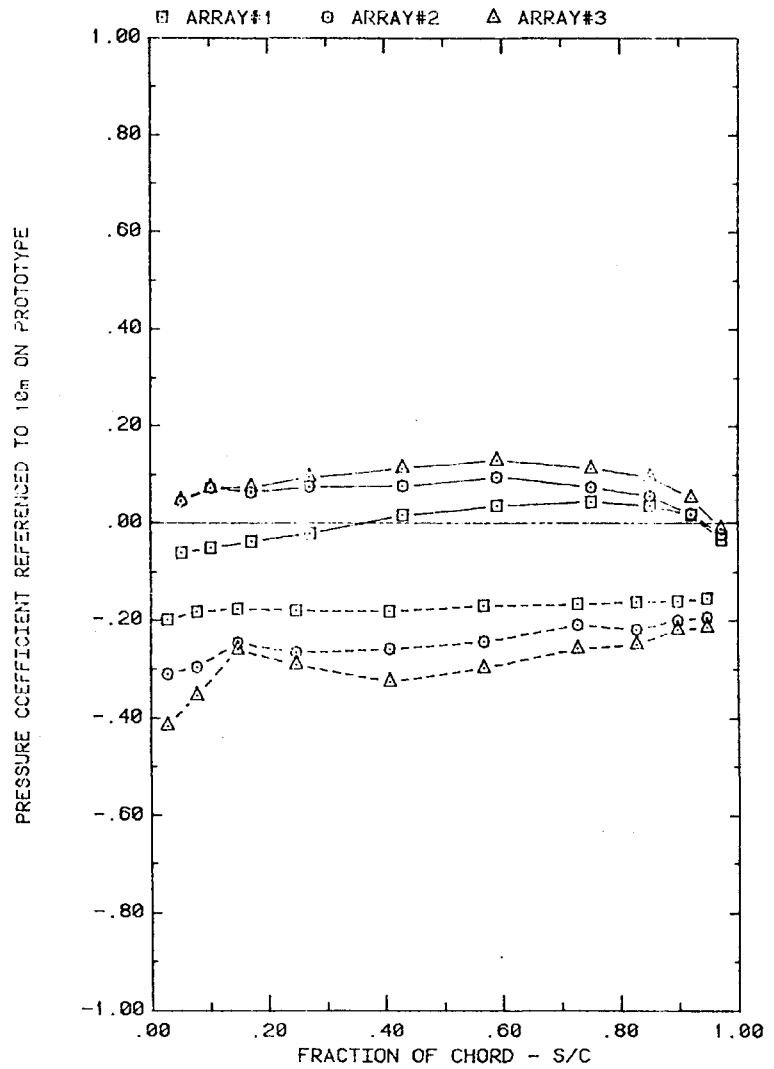


FRONT AND BACK PRESSURES 0.6" IN FROM ARRAY EDGE; X=2C, WIND=45
EFFECT OF ARRAY WITH ALPHA=145, FC=2, H=3", D=10", AND P=30%

Plot 5-1-1. (Continued)

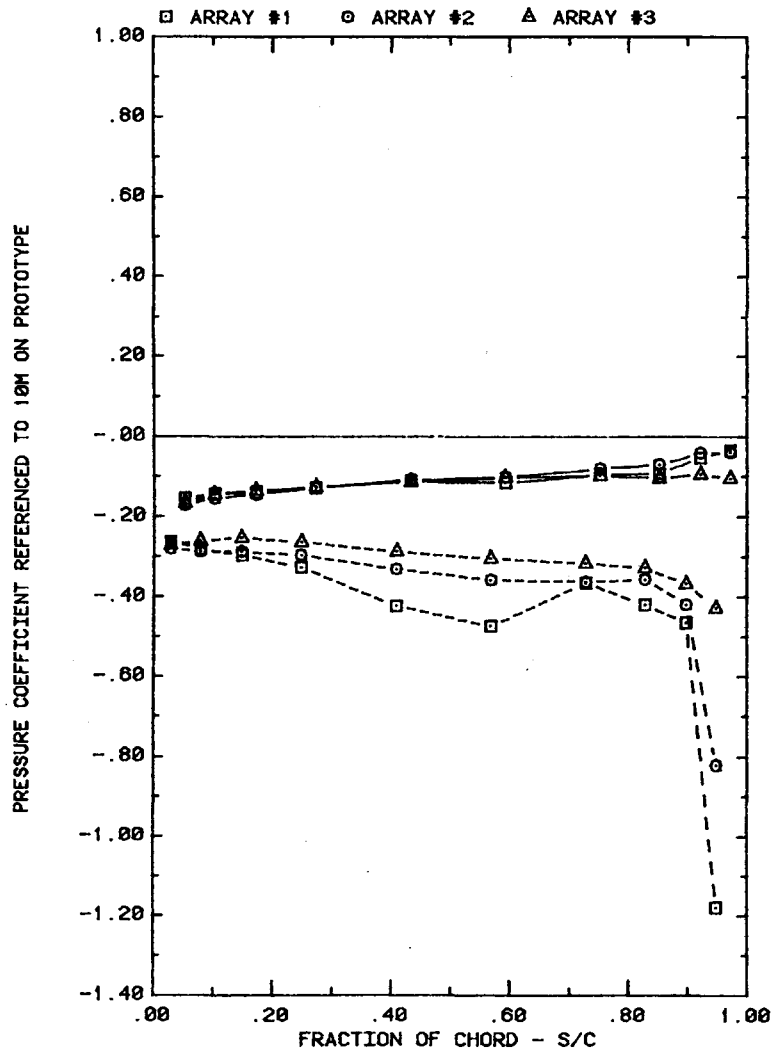


FRONT AND BACK PRESSURES 0.6" IN FROM ARRAY EDGE; X=2C, WIND=45
EFFECT OF ARRAY WITH ALPHA=35, FC=3, H=3", D=10", AND P=30%

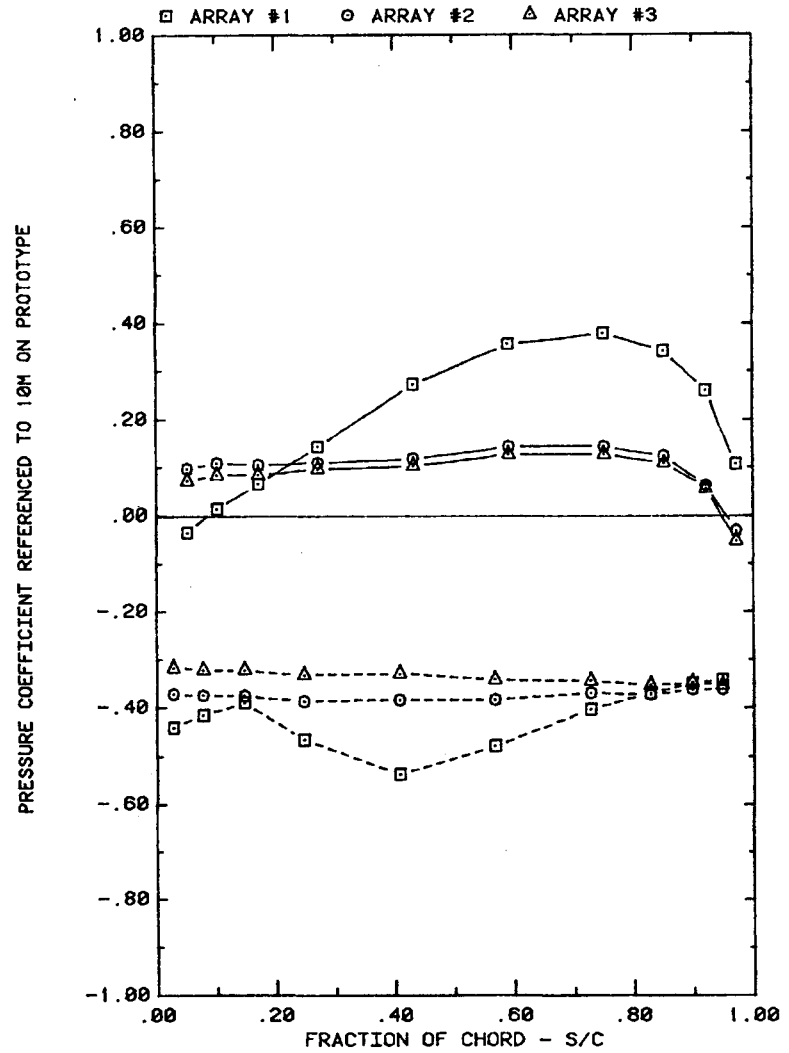


FRONT AND BACK PRESSURES 0.6" IN FROM ARRAY EDGE; X=2C, WIND=45
EFFECT OF ARRAY WITH ALPHA=145, FC=3, H=3", D=10", AND P=30%

Plot 5-1-1. (Continued)

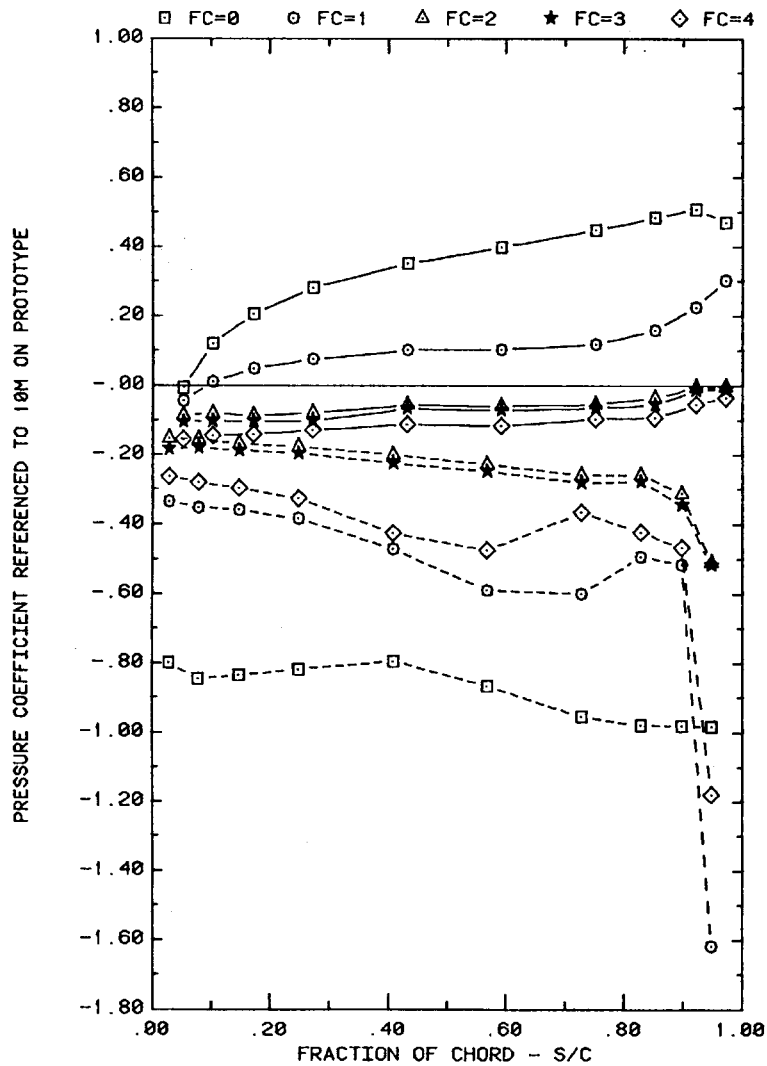


FRONT AND BACK PRESSURES ON ARRAYS #1,2&3, WIND = 45
EFFECT OF ARRAY WITH ALPHA = 35, X = 2C, FC = 4

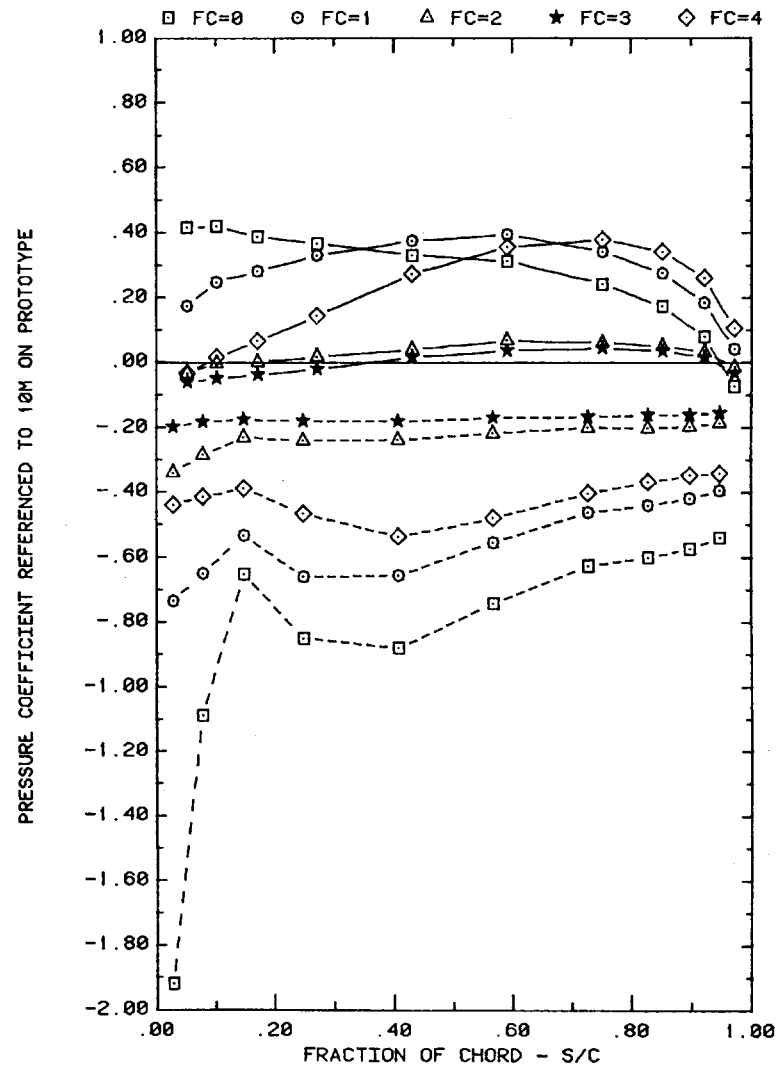


FRONT AND BACK PRESSURES ON ARRAYS #1,2&3, WIND = 45
EFFECT OF ARRAY WITH ALPHA = 145, X = 2C, FC = 4

Plot 5-1-1. (Concluded)

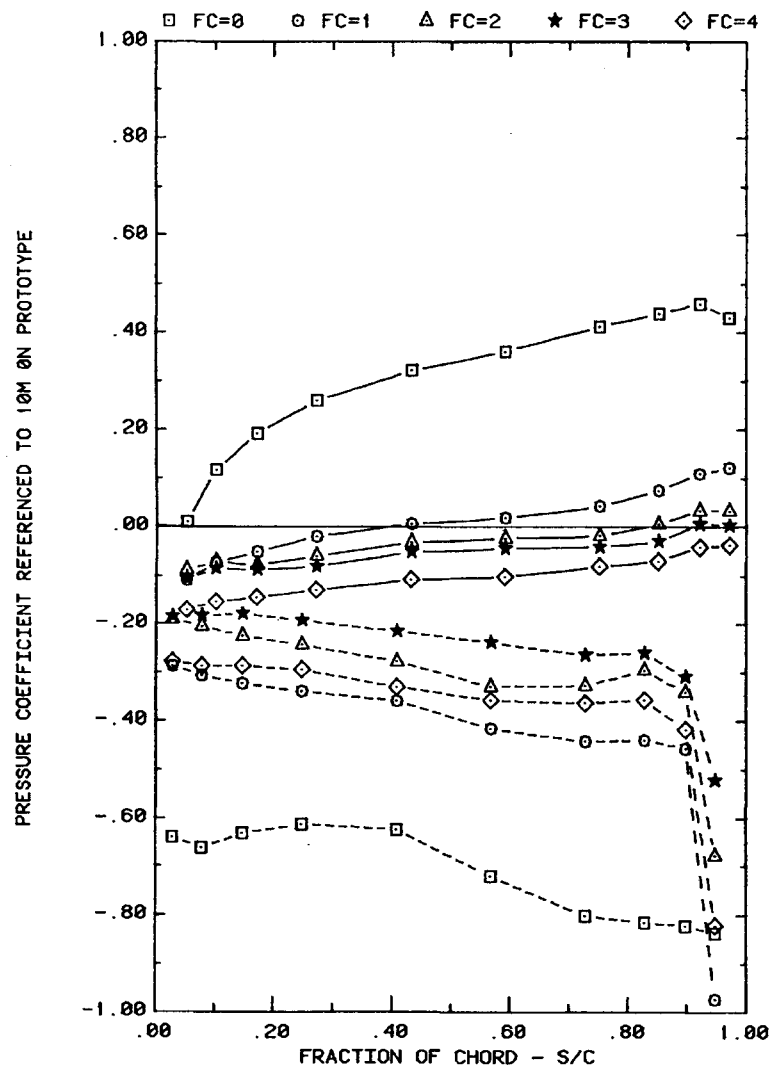


FRONT AND BACK PRESSURES 0.6" IN FROM EDGE OF ARRAY#1; WIND = 45
EFFECT OF FC WITH ALPHA=35, H=3°, D=10°, P=30%, AND X=2C

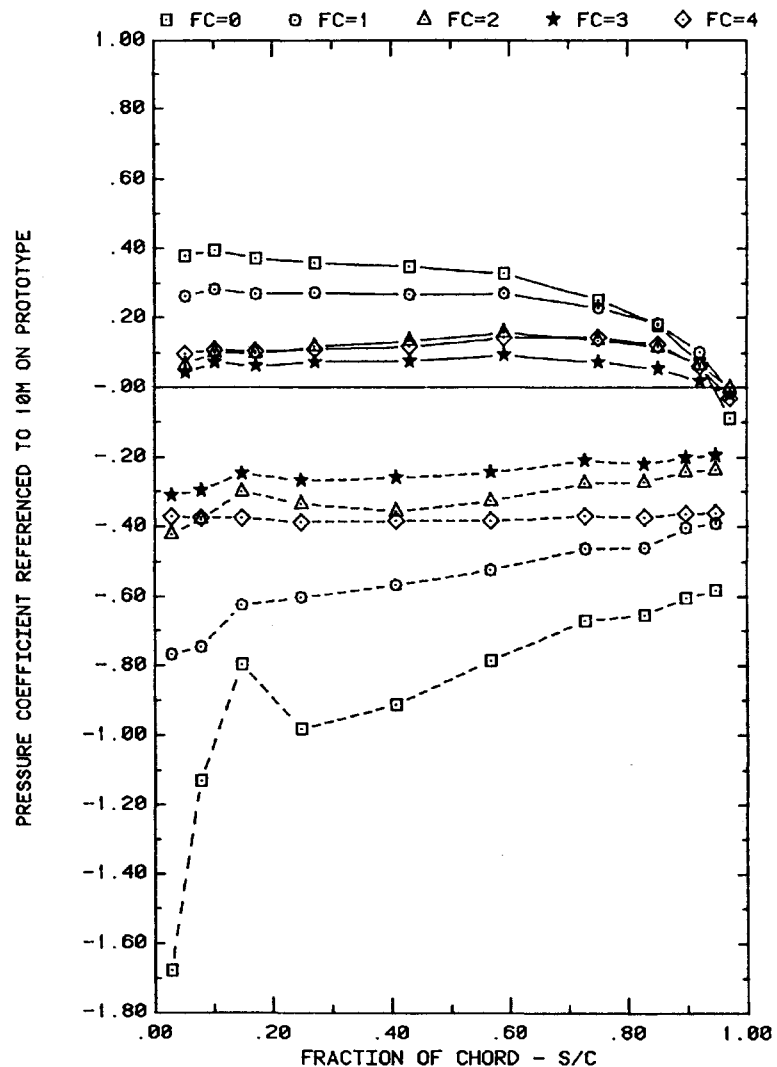


FRONT AND BACK PRESSURES 0.6" IN FROM EDGE OF ARRAY#1; WIND=45
EFFECT OF FC WITH ALPHA=145, H=3°, D=10°, P=30% AND X=2C

Plot 5-1-2. Corner Study, WD = 45°, Standard Model
Effect of Fence Configuration

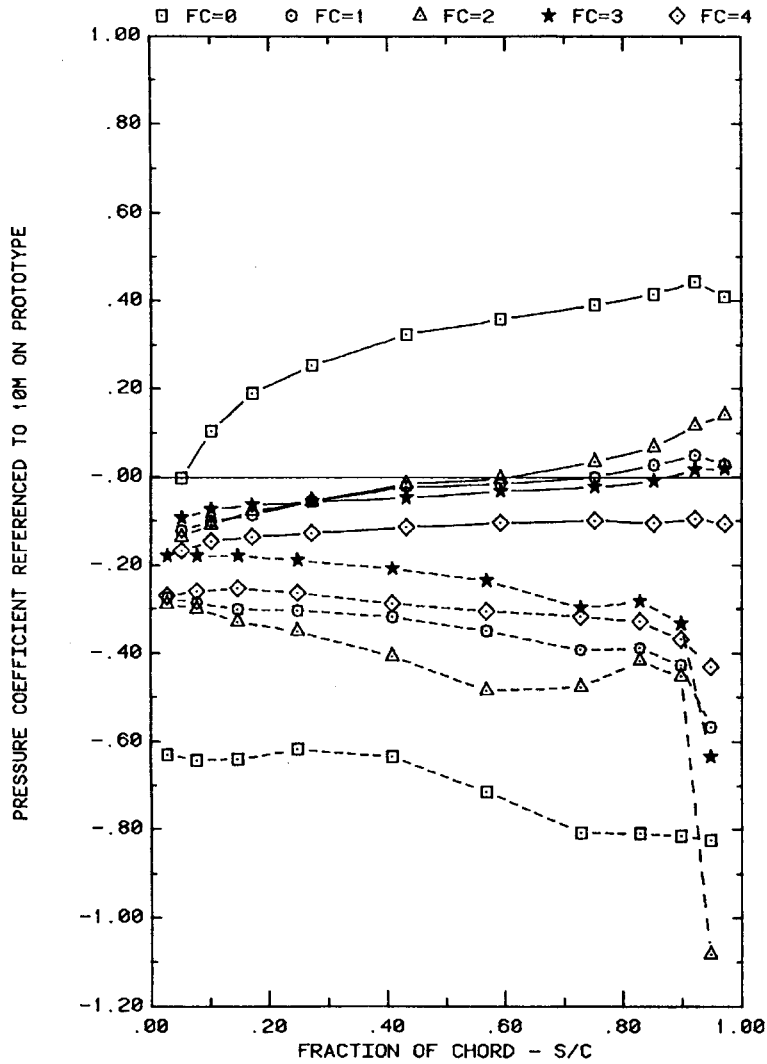


FRONT AND BACK PRESSURES 0.6" IN FROM EDGE OF ARRAY#2; WIND=45
EFFECT OF FC WITH ALPHA=35, H=3", D=10", P=30% AND X=2C

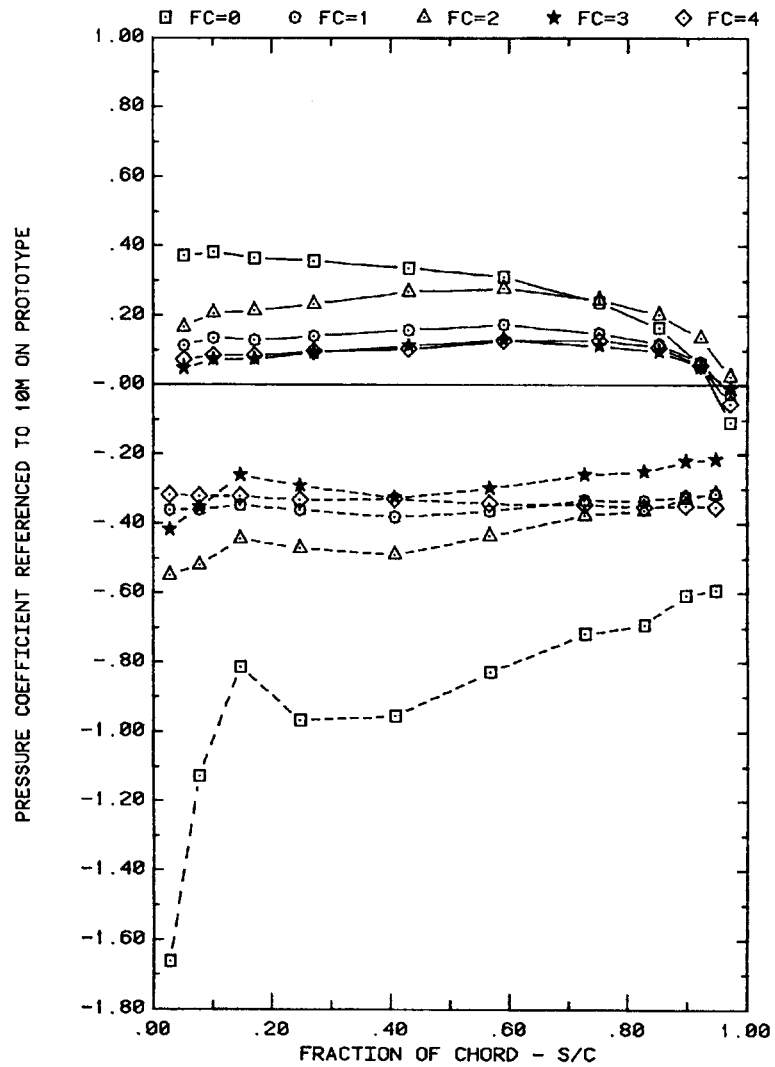


FRONT AND BACK PRESSURES 0.6" IN FROM EDGE OF ARRAY#2; WIND=45
EFFECT OF FC WITH ALPHA=145, H=3", D=10", P=30% AND X=2C

Plot 5-1-2. (Continued)

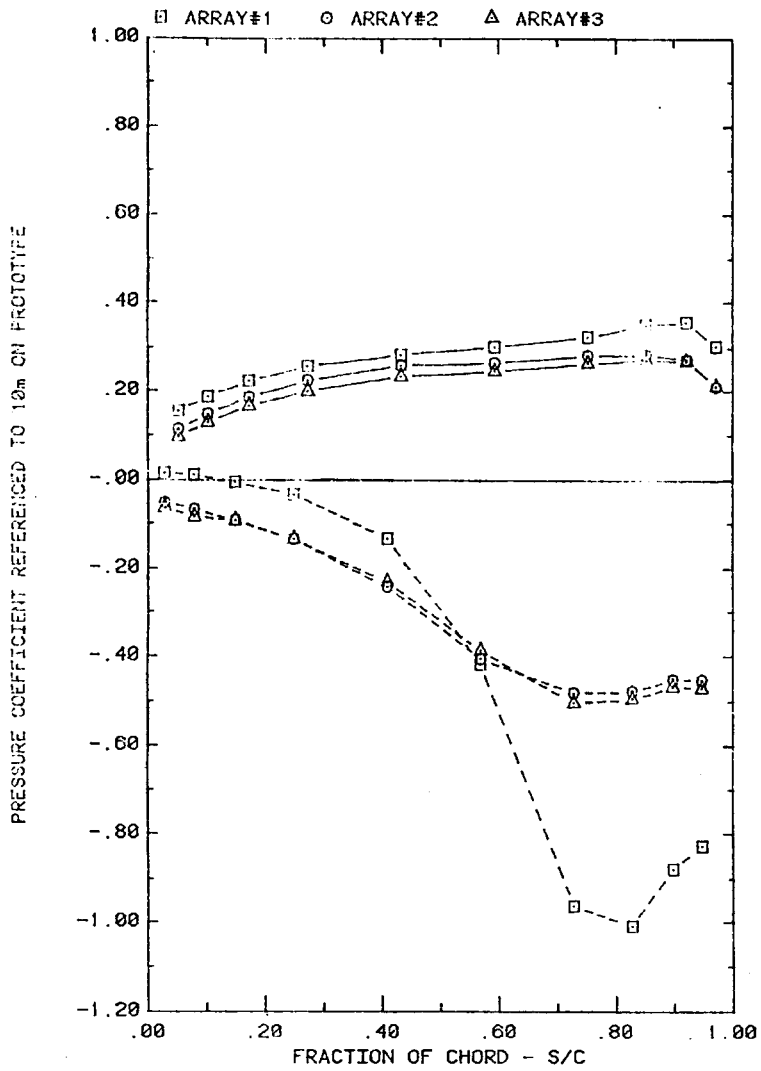


FRONT AND BACK PRESSURES 0.6" IN FROM EDGE OF ARRAY#3; WIND=45
EFFECT OF FC WITH ALPHA=35, H=3°, D=10°, P=30%, AND X=2C

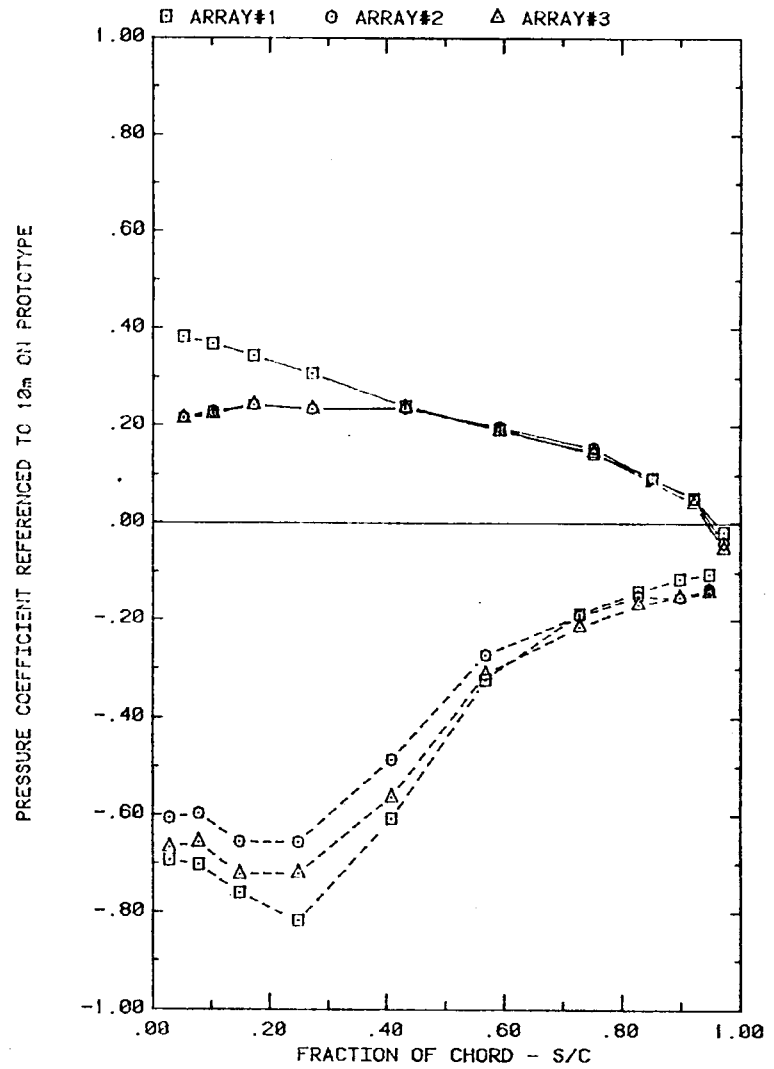


FRONT AND BACK PRESSURES 0.6" IN FROM EDGE OF ARRAY#3; WIND=45
EFFECT OF FC WITH ALPHA=145, H=3°, D=10°, P=30%, AND X=2C

Plot 5-1-2. (Concluded)

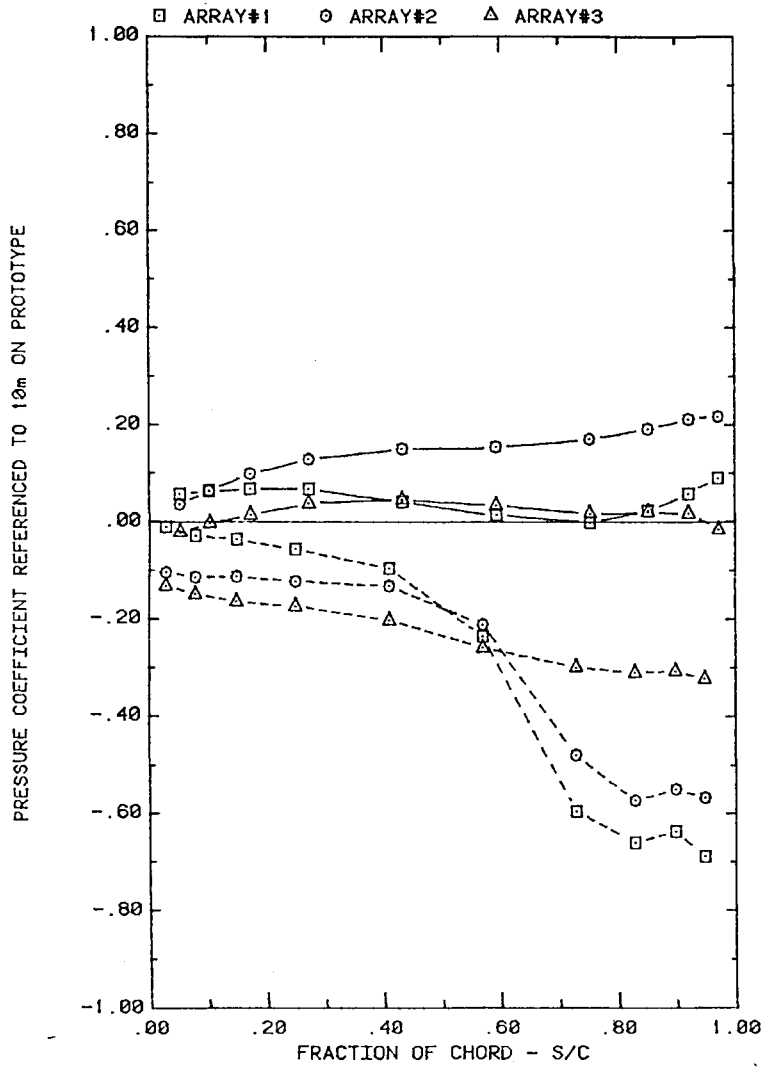


FRONT AND BACK PRESSURES 3.6" IN FROM ARRAY EDGE; X=2C, WIND=45
EFFECT OF ARRAY WITH ALPHA=35, FC=0, H=3", D=10", AND P=30%

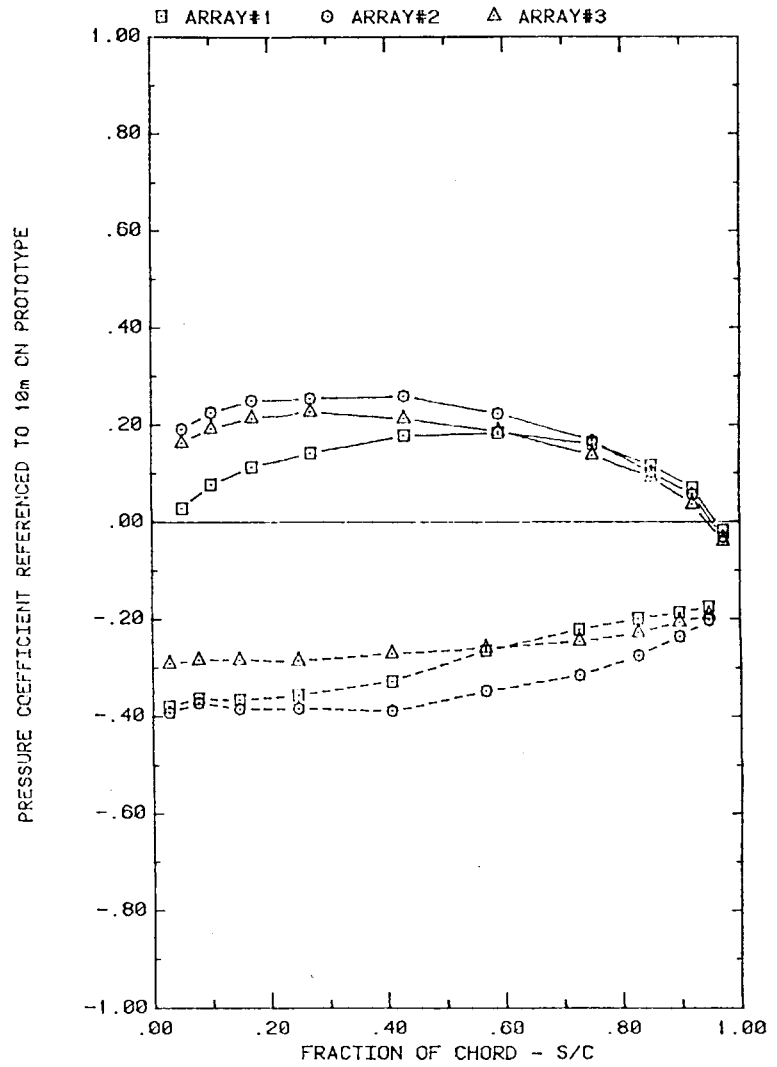


FRONT AND BACK PRESSURES 3.6" IN FROM ARRAY EDGE; X=2C, WIND=45
EFFECT OF ARRAY WITH ALPHA=145, FC=0, H=3", D=10", AND P=30%

Plot 5-2-1. Corner Study, WD = 45°, Modified Model with Solid Extension
Effect of Array Position

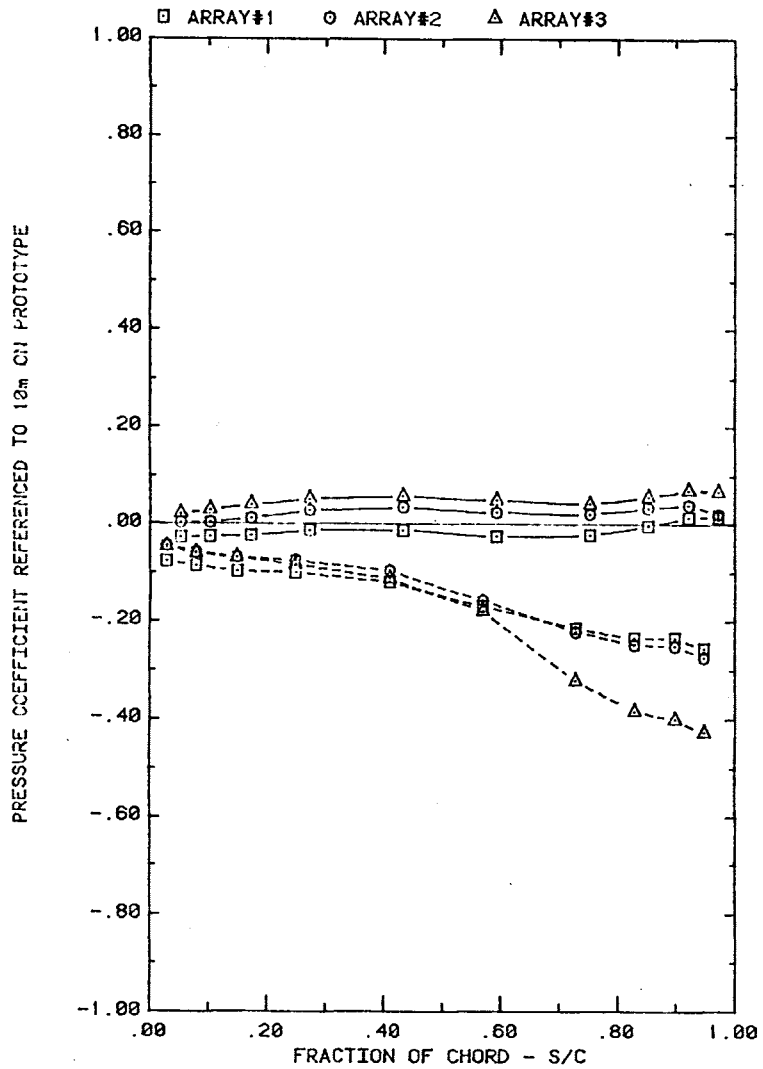


FRONT AND BACK PRESSURES 3.6" IN FROM ARRAY EDGE; X=2C, WIND=45
 EFFECT OF ARRAY WITH ALPHA=35, FC=1, H=3", D=10", AND P=30%

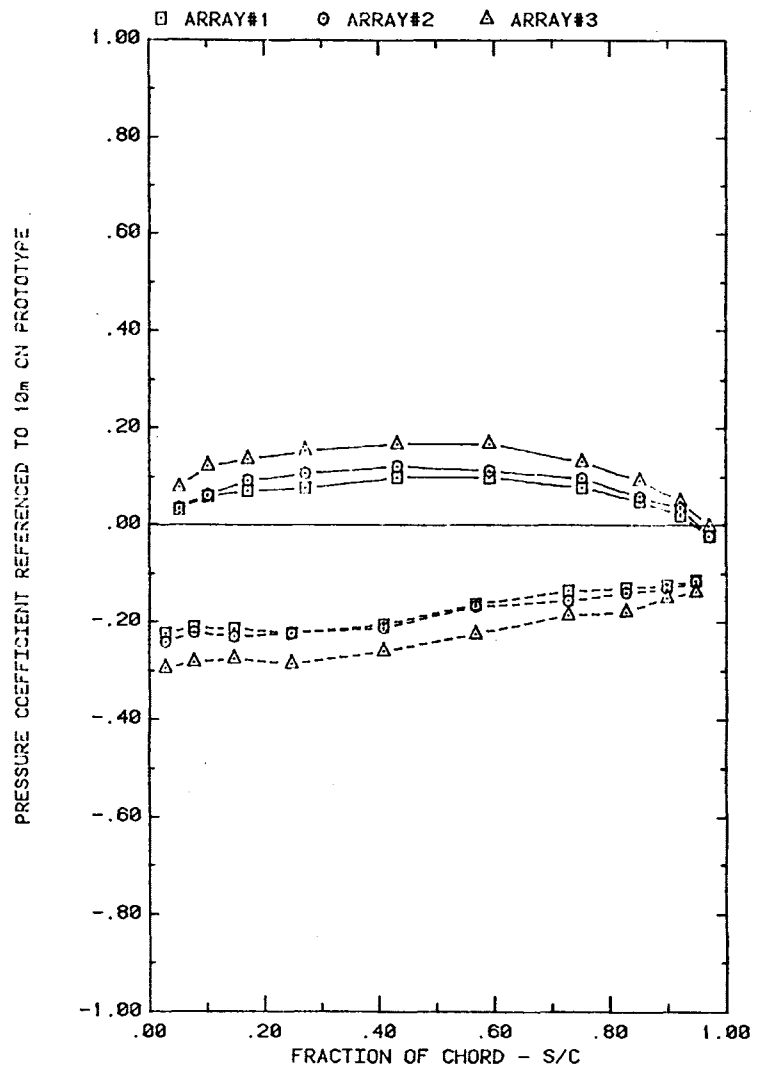


FRONT AND BACK PRESSURES 3.6" IN FROM ARRAY EDGE; X=2C, WIND=45
 EFFECT OF ARRAY WITH ALPHA=145, FC=1, H=3", D=10", AND P=30%

Plot 5-2-1. (Continued)

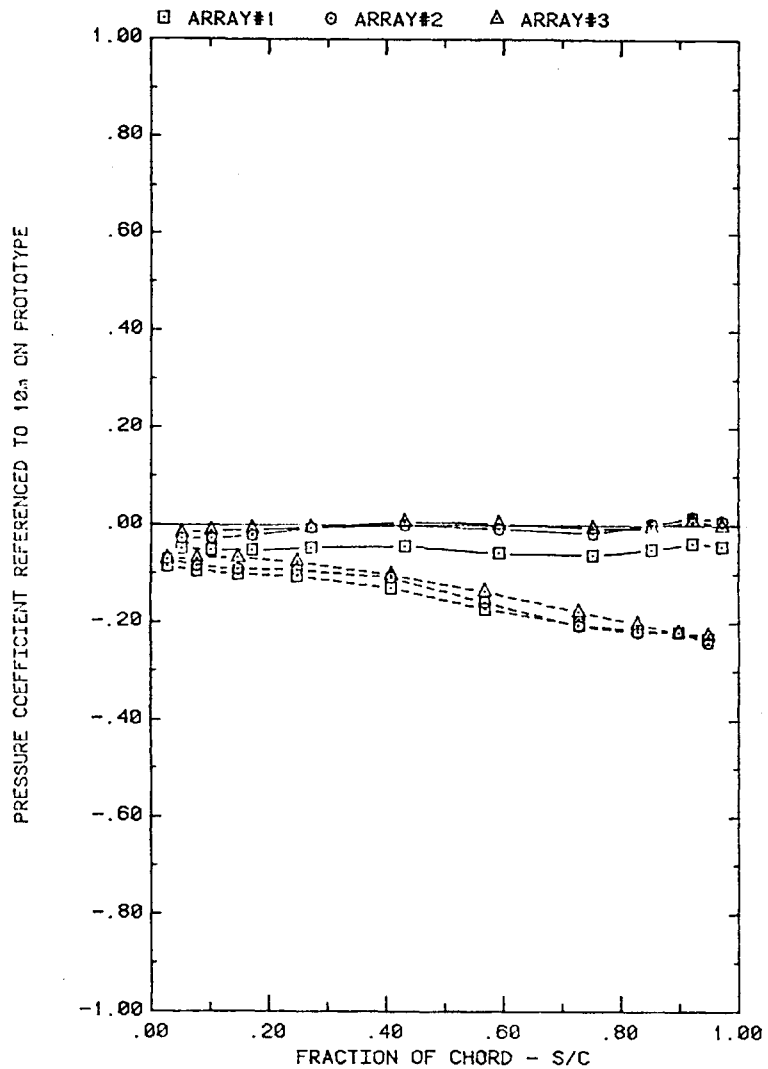


FRONT AND BACK PRESSURES 3.6° IN FROM ARRAY EDGE; X=2C, WIND=45
EFFECT OF ARRAY WITH ALPHA=35, FC=2, H=3°, D=10°, AND P=30%

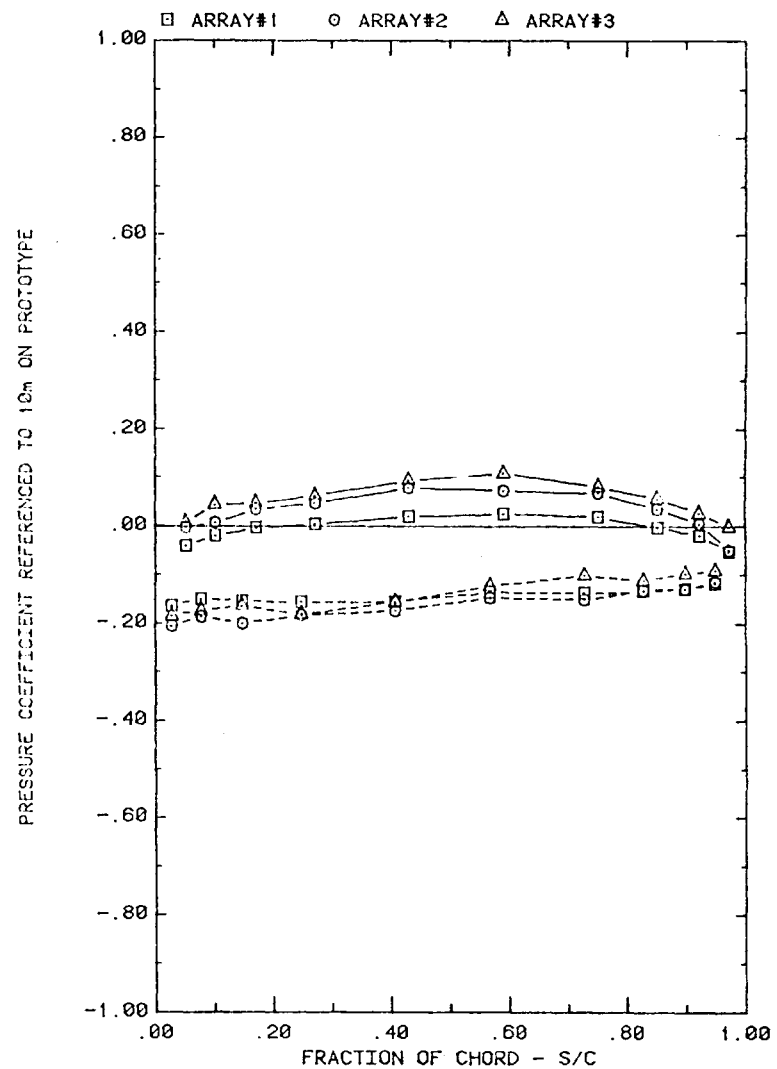


FRONT AND BACK PRESSURES 3.6° IN FROM ARRAY EDGE; X=2C, WIND=45
EFFECT OF ARRAY WITH ALPHA=145, FC=2, H=3°, D=10°, AND P=30%

Plot 5-2-1. (Continued)

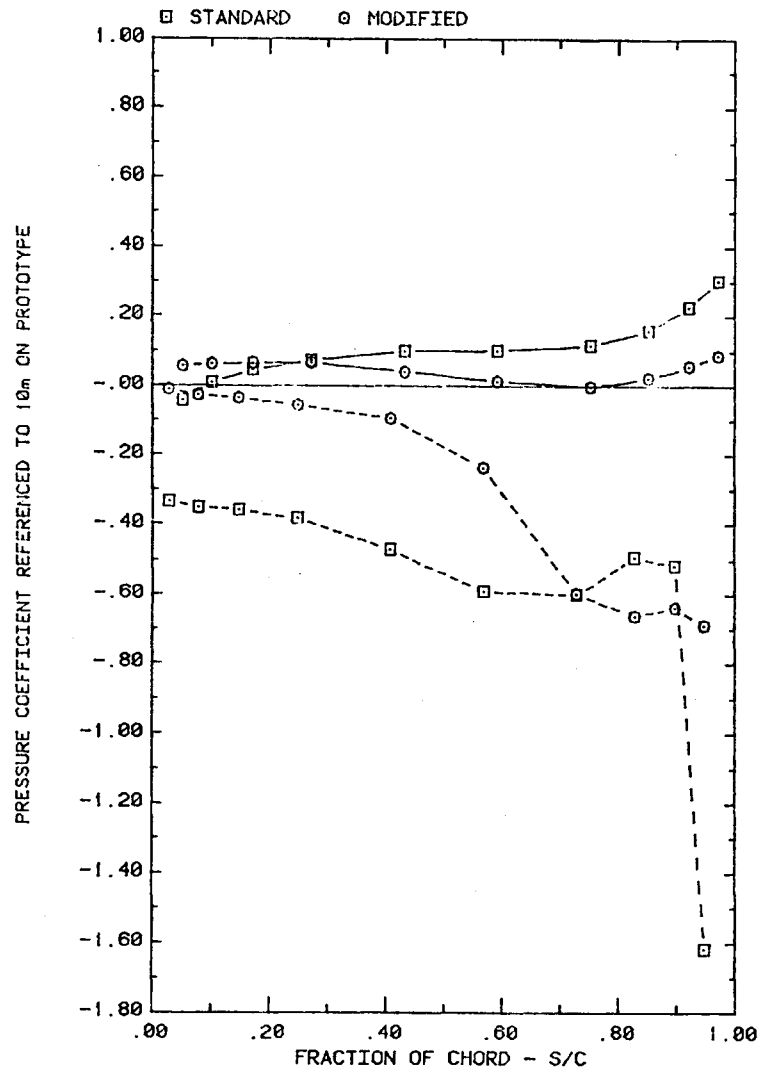


FRONT AND BACK PRESSURES 3.6" IN FROM ARRAY EDGE; X=2C, WIND=45
 EFFECT OF ARRAY WITH ALPHA=35, FC=3, H=3", D=10", AND P=30%



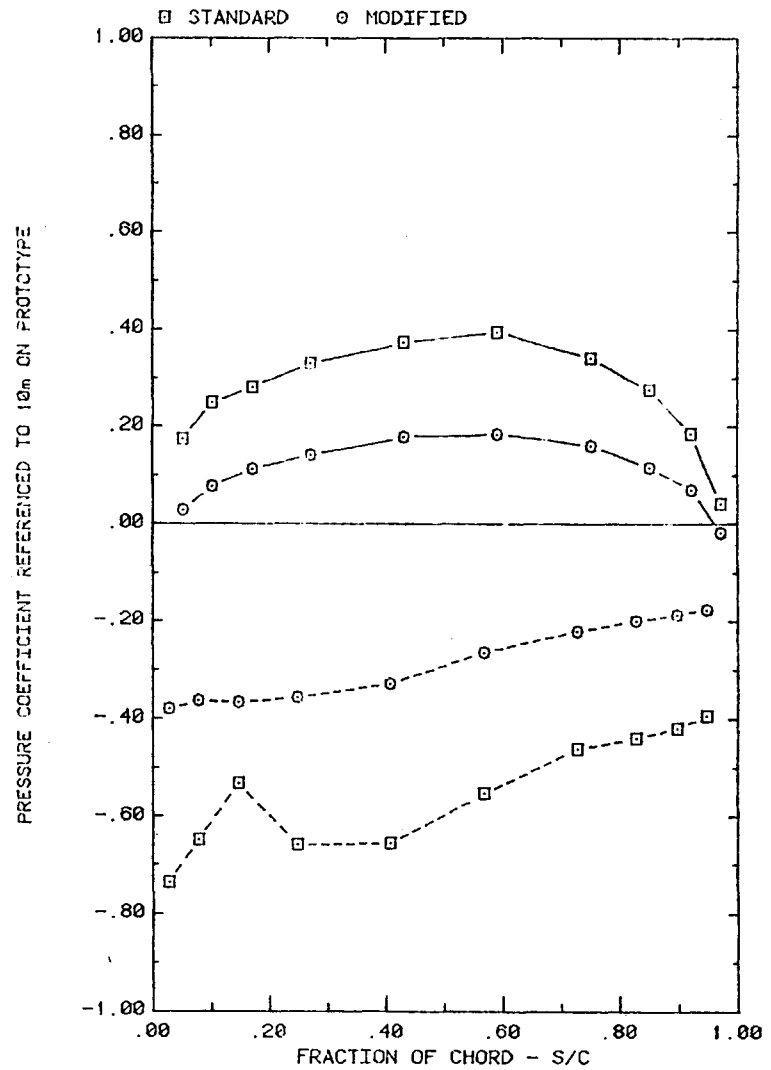
FRONT AND BACK PRESSURES 3.6" IN FROM ARRAY EDGE; X=2C, WIND=45
 EFFECT OF ARRAY WITH ALPHA=145, FC=3, H=3", D=10", AND P=30%

Plot 5-2-1. (Concluded)

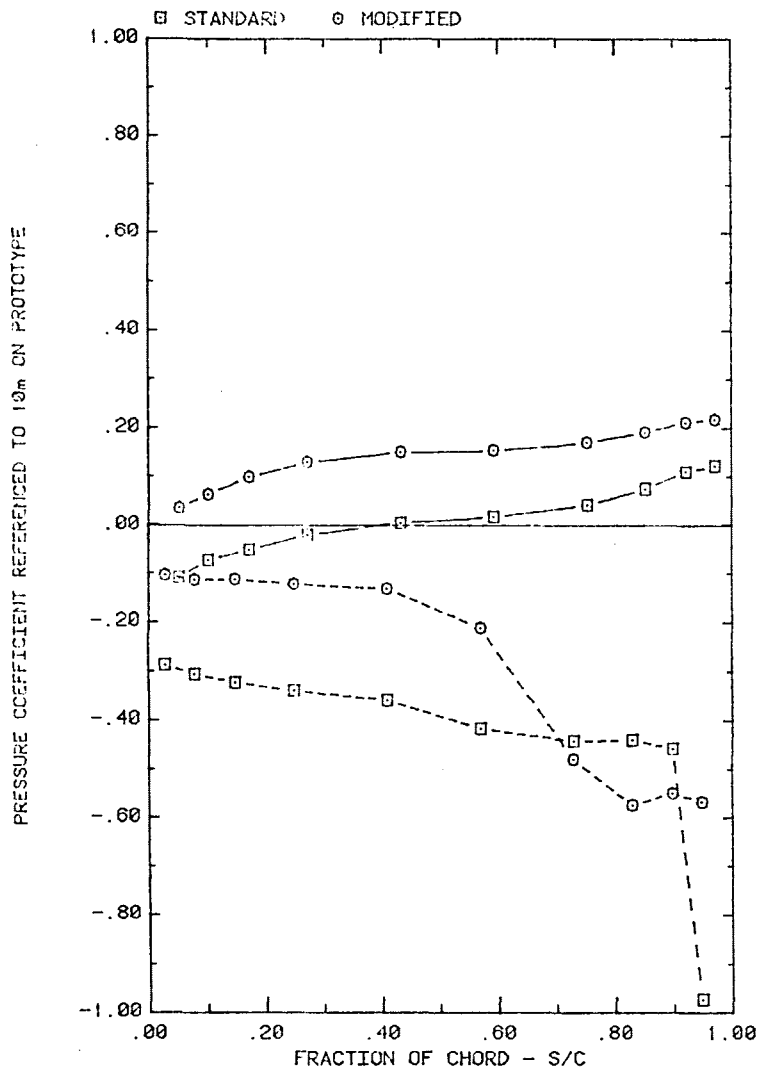


FRONT AND BACK PRESSURES ON ARRAY #1 WITH $X=2C$, AND WIND=45
EFFECT OF TAP LOCATION; $\alpha=35^\circ$, $H=3^\circ$, $D=10^\circ$, $FC=1$, AND $P=30\%$

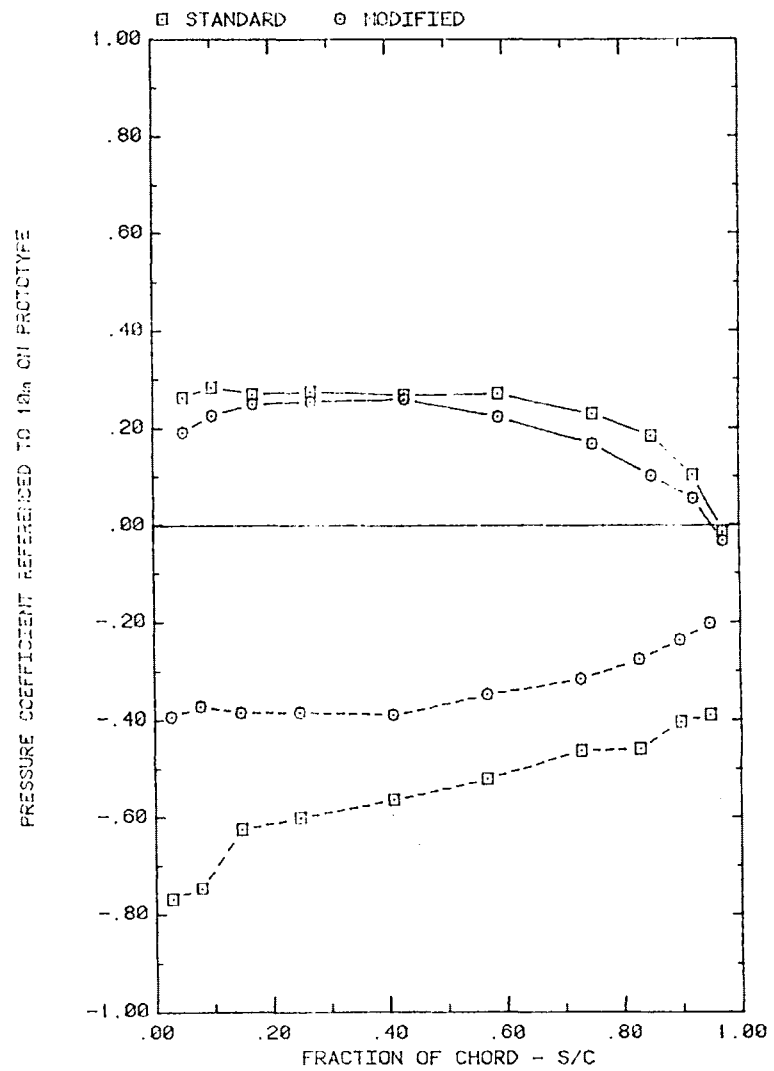
Plot 5-2-2. Corner Study, $WD = 45^\circ$, Effect of Model Modification



FRONT AND BACK PRESSURES ON ARRAY #1 WITH $X=2C$, AND WIND=45
EFFECT OF TAP LOCATION; $\alpha=145^\circ$, $H=3^\circ$, $D=10^\circ$, $FC=1$, AND $P=30\%$

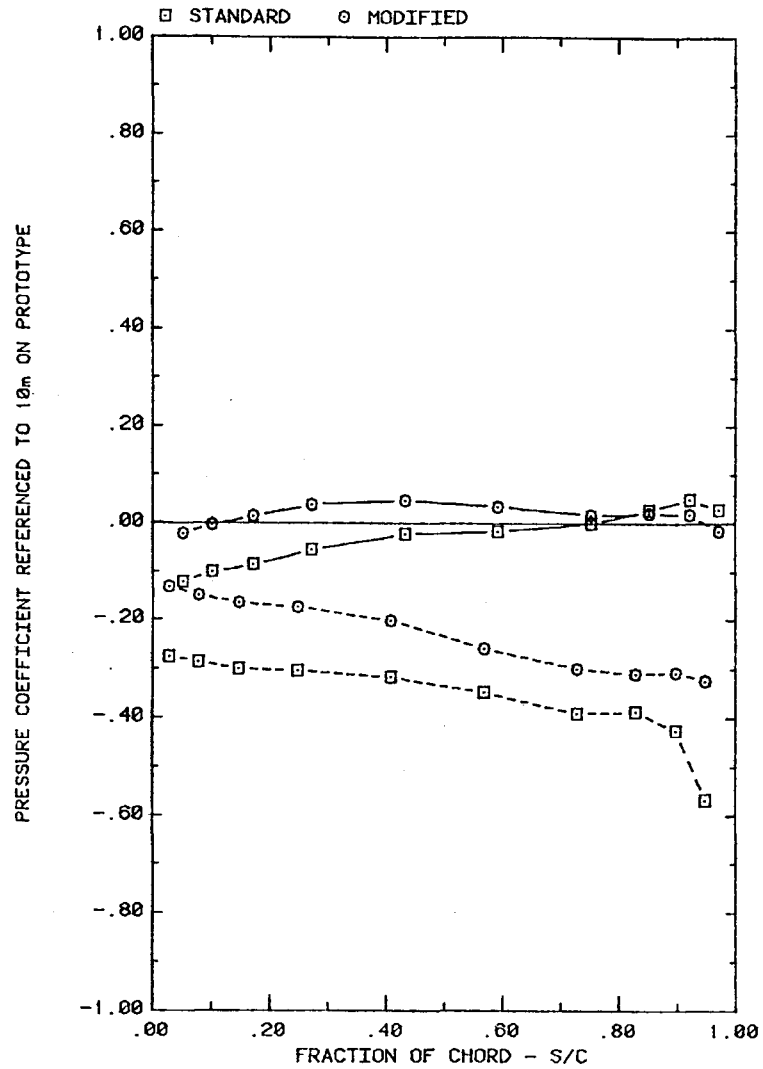


FRONT AND BACK PRESSURES ON ARRAY #2 WITH $X=2C$, AND WIND=45
EFFECT OF TAP LOCATION; $\alpha=35$, $H=3''$, $D=10''$, $FC=1$, AND $P=30\%$

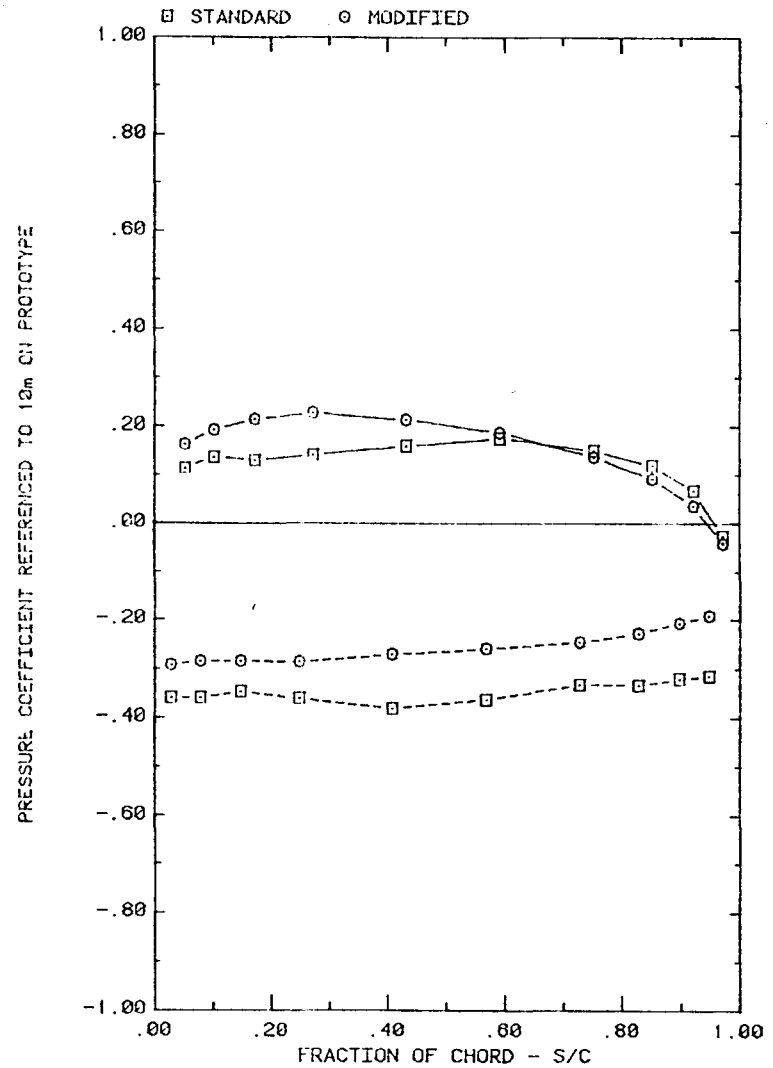


FRONT AND BACK PRESSURES ON ARRAY #2 WITH $X=2C$, AND WIND=45
EFFECT OF TAP LOCATION; $\alpha=145$, $H=3''$, $D=10''$, $FC=1$, AND $P=30\%$

Plot 5-2-2. (Continued)

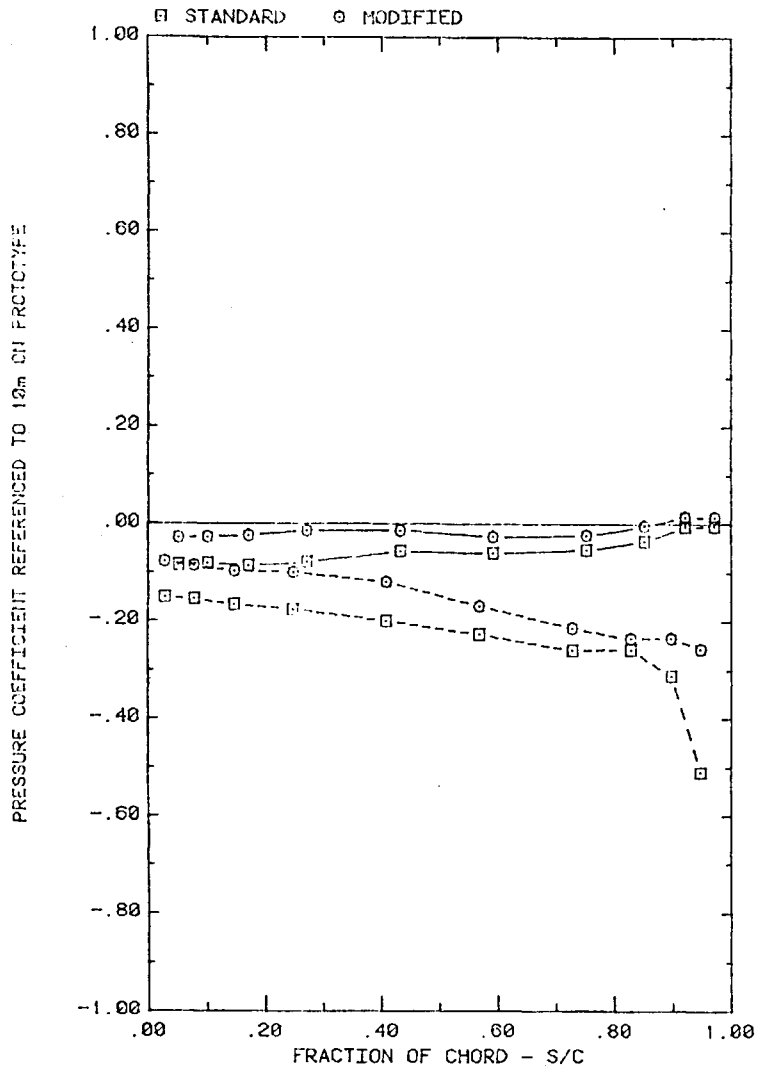


FRONT AND BACK PRESSURES ON ARRAY #3 WITH $X=2C$, AND WIND=45
EFFECT OF TAP LOCATION; $\alpha=35^\circ$, $H=3^\circ$, $D=10^\circ$, $FC=1$, AND $P=30\%$

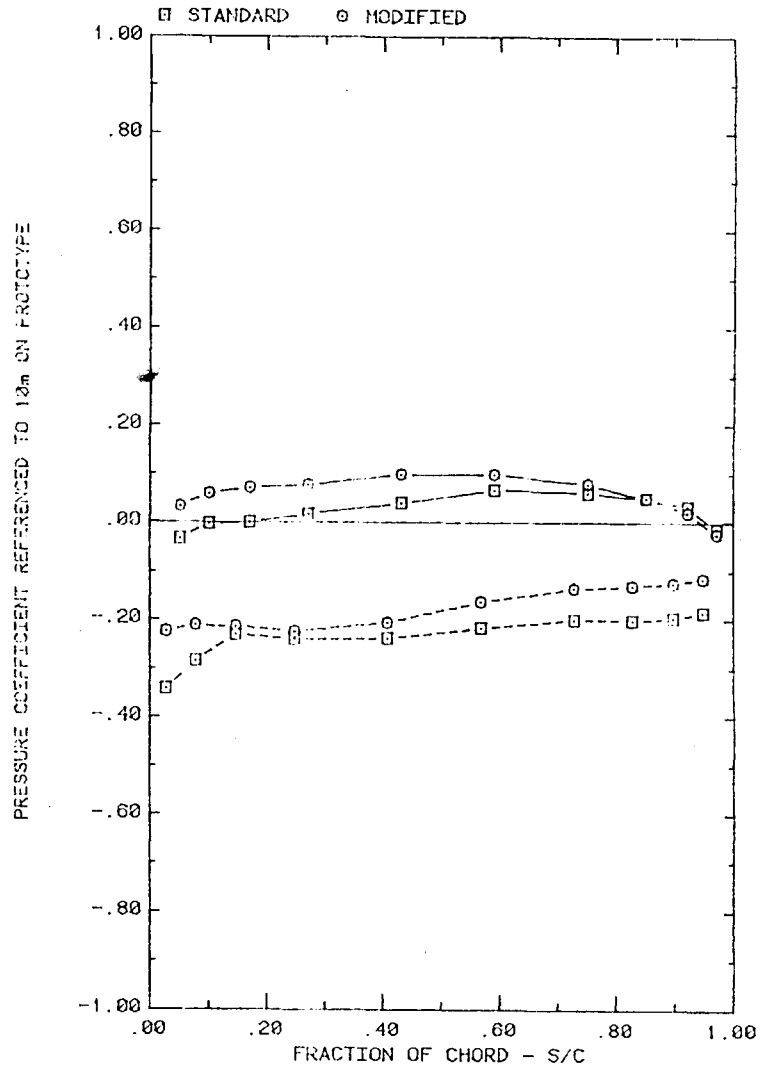


FRONT AND BACK PRESSURES ON ARRAY #3 WITH $X=2C$, AND WIND=45
EFFECT OF TAP LOCATION; $\alpha=145^\circ$, $H=3^\circ$, $D=10^\circ$, $FC=1$, AND $P=30\%$

Plot 5-2-2. (Continued)

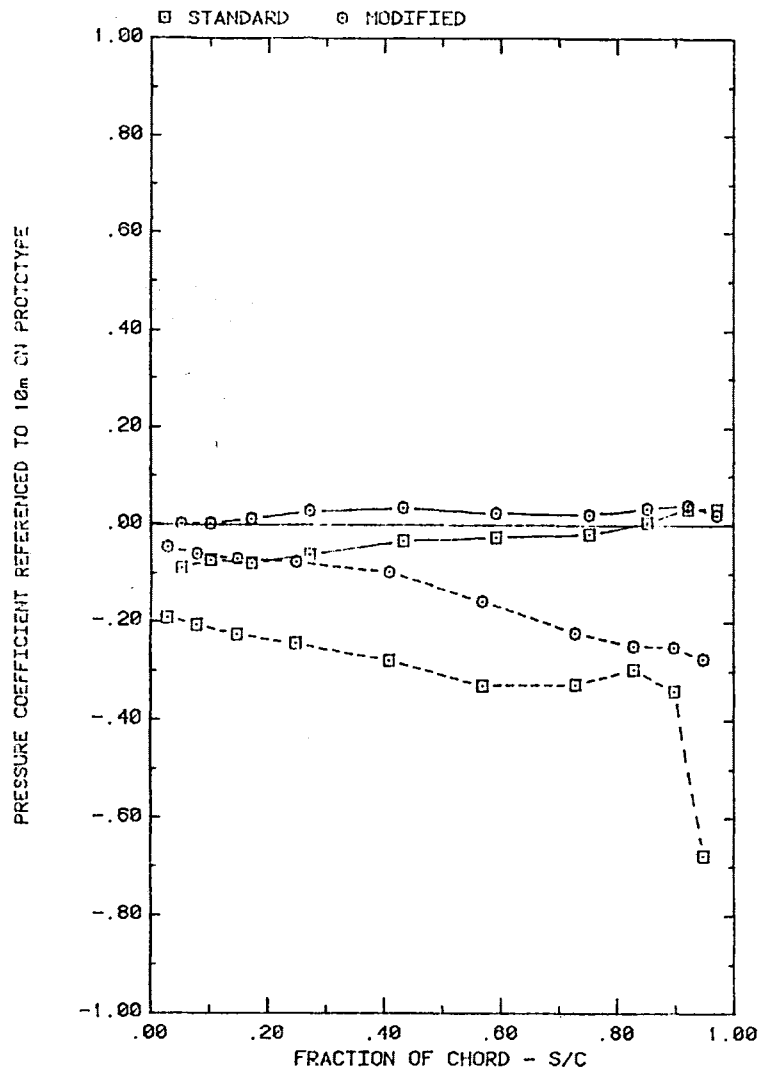


FRONT AND BACK PRESSURES ON ARRAY #1 WITH $X=2C$, AND WIND=45
EFFECT OF TAP LOCATION; $\alpha=35$, $H=3^\circ$, $D=10^\circ$, $FC=2$, AND $P=30\%$

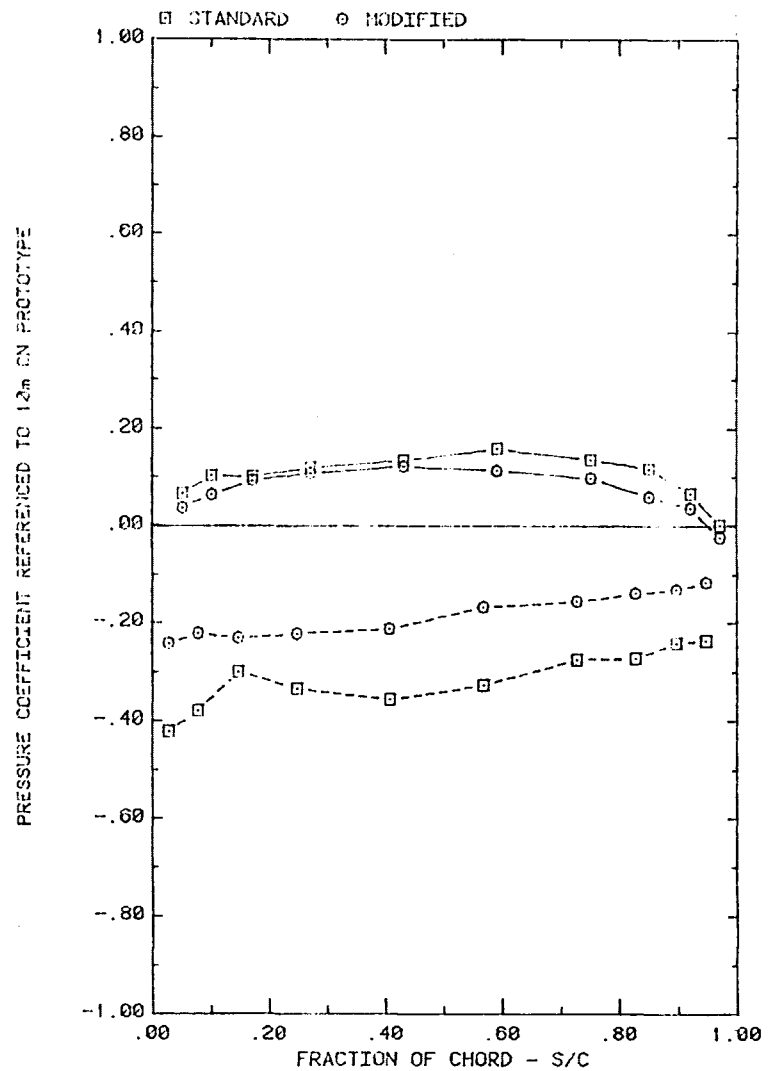


FRONT AND BACK PRESSURES ON ARRAY #1 WITH $X=2C$, AND WIND=45
EFFECT OF TAP LOCATION; $\alpha=145$, $H=3^\circ$, $D=10^\circ$, $FC=2$, AND $P=30\%$

Plot 5-2-2. (Continued)

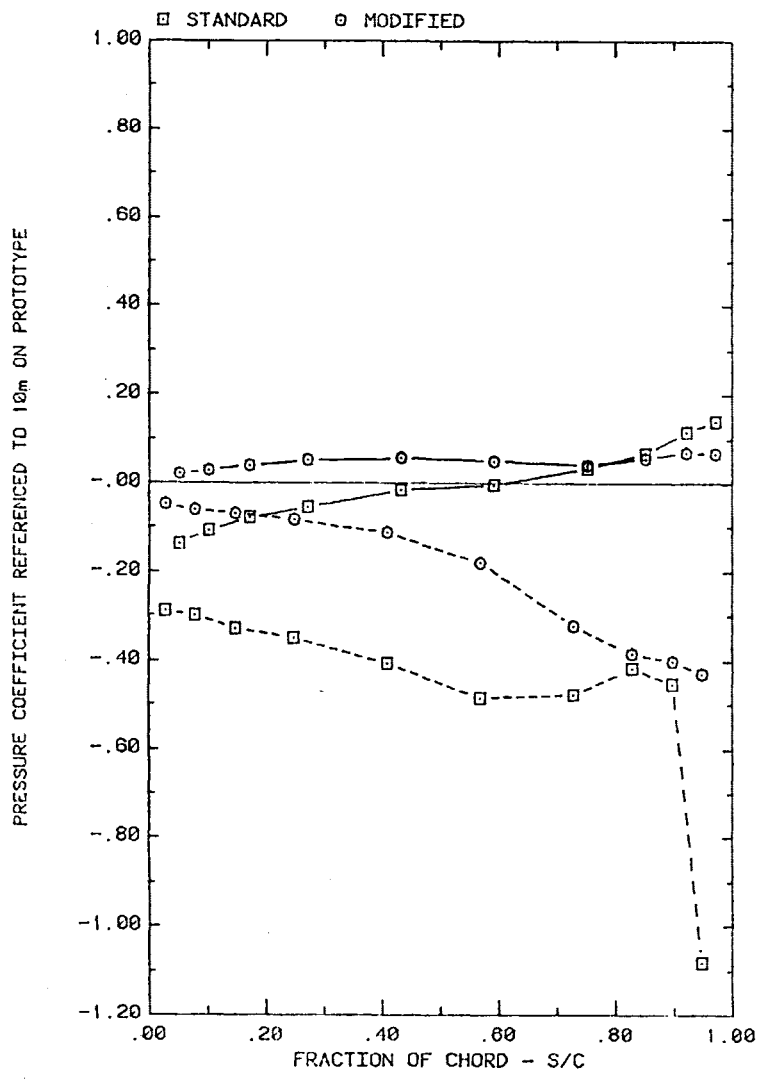


FRONT AND BACK PRESSURES ON ARRAY #2 WITH $X=2C$, AND WIND=45
EFFECT OF TAP LOCATION; ALPHA=35, H=3", D=10", FC=2, AND P=30%

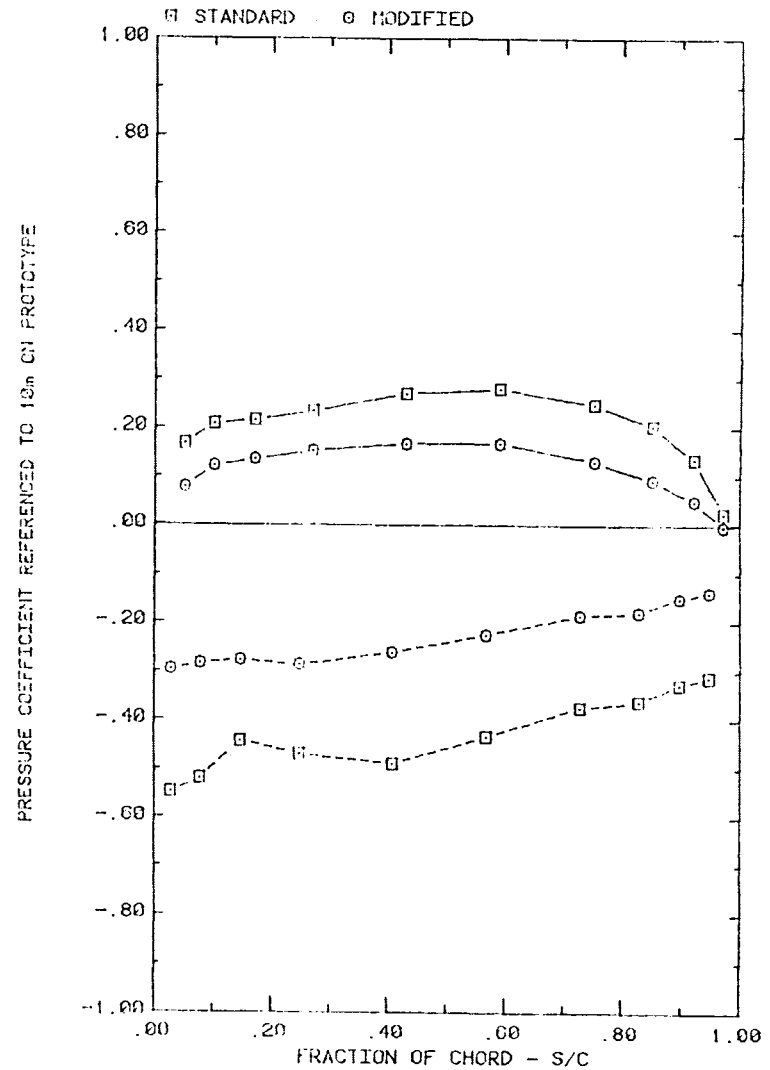


FRONT AND BACK PRESSURES ON ARRAY #2 WITH $X=2C$, AND WIND=45
EFFECT OF TAP LOCATION; ALPHA=145, H=3", D=10", FC=2", AND P=30%

Plot 5-2-2. (Continued)

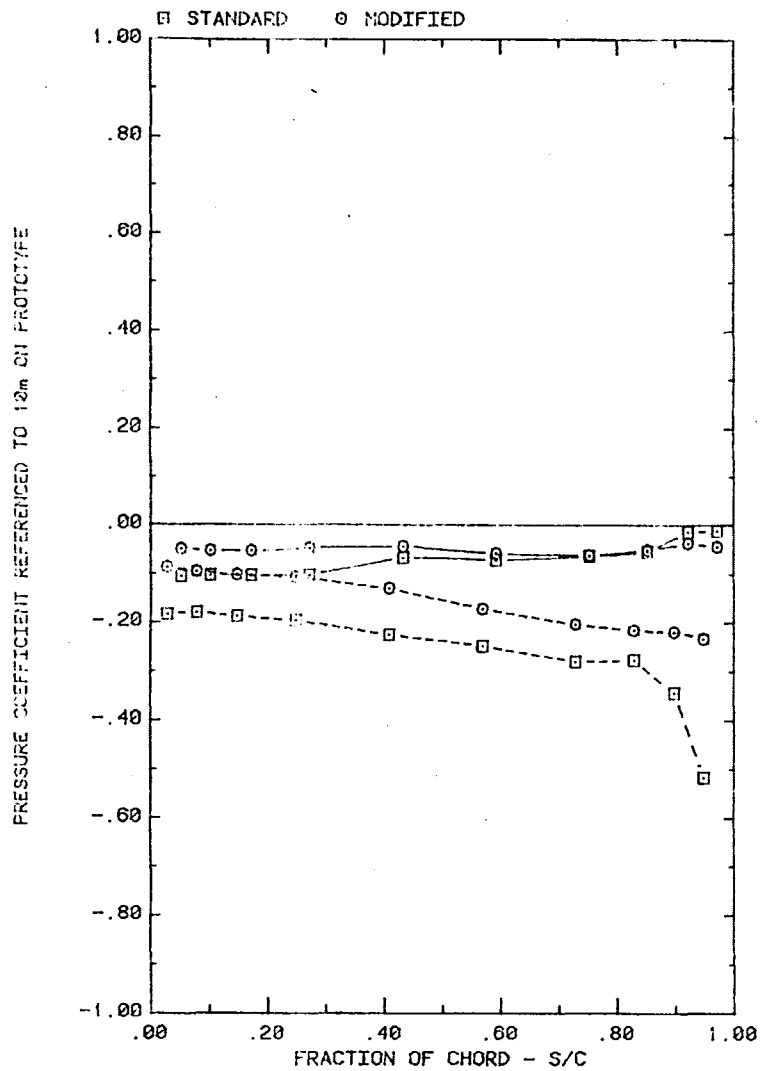


FRONT AND BACK PRESSURES ON ARRAY #3 WITH X=2C, AND WIND=45
EFFECT OF TAP LOCATION; ALPHA=35, H=3", D=10", FC=2, AND P=30%

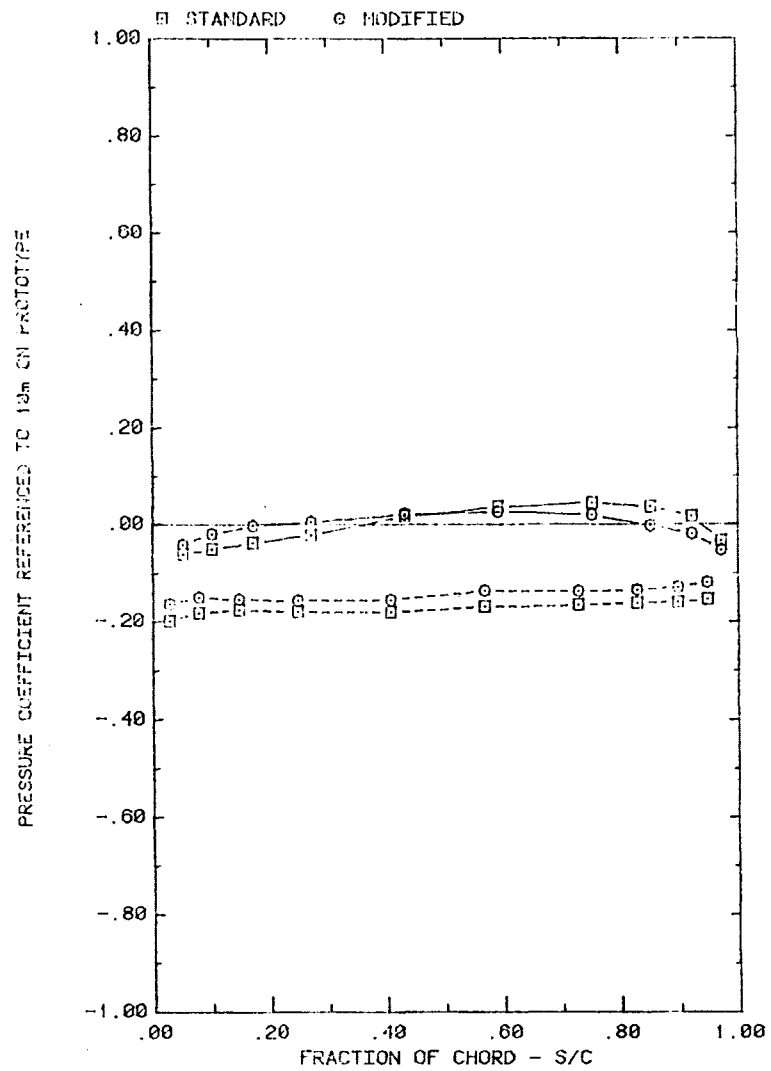


FRONT AND BACK PRESSURES ON ARRAY #3 WITH X=2C, AND WIND=45
EFFECT OF TAP LOCATION; ALPHA=145, H=3", D=10", FC=2", AND P=30%

Plot 5-2-2. (Continued)

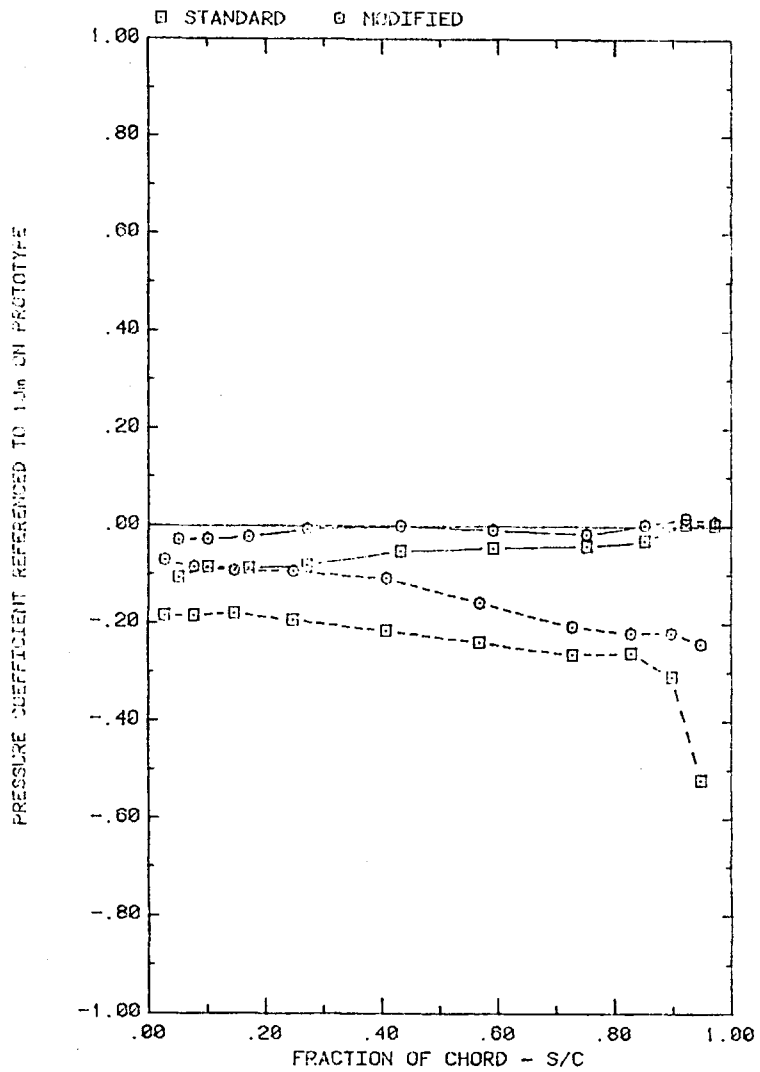


FRONT AND BACK PRESSURES ON ARRAY #1 WITH $X=2C$, AND WIND=45
EFFECT OF TAP LOCATION; $\alpha=35^\circ$, $H=3^\circ$, $D=10^\circ$, $FC=3$, AND $P=30\%$

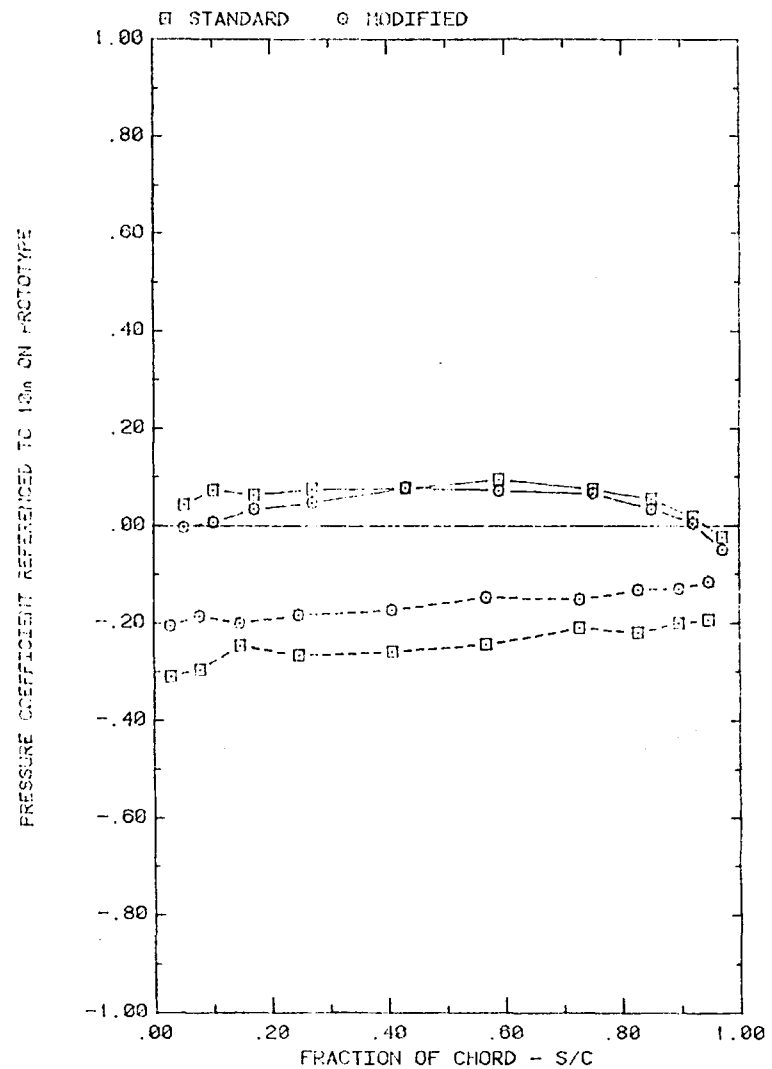


FRONT AND BACK PRESSURES ON ARRAY #1 WITH $X=2C$, AND WIND=45
EFFECT OF TAP LOCATION; $\alpha=145^\circ$, $H=3^\circ$, $D=10^\circ$, $FC=3$, AND $P=30\%$

Plot 5-2-2. (Continued)

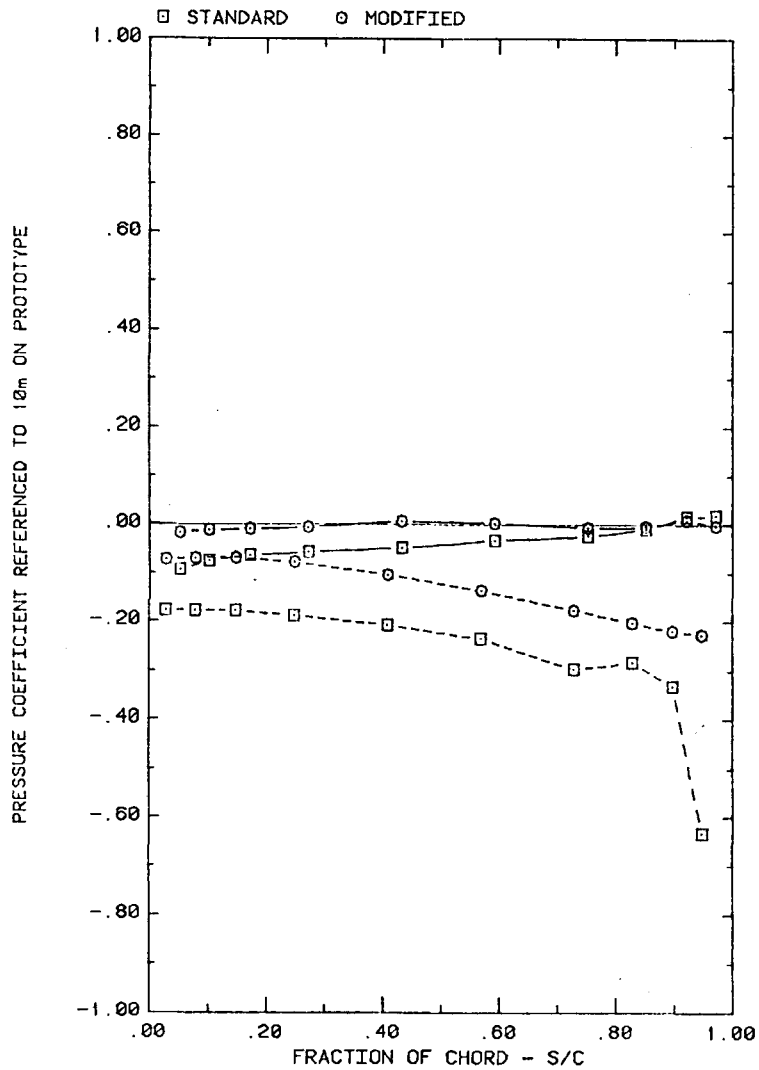


FRONT AND BACK PRESSURES ON ARRAY #2 WITH $X=2C$, AND WIND=45
EFFECT OF TAP LOCATION; $\alpha=35$, $H=3"$, $D=10"$, $FC=3$, AND $P=30\%$

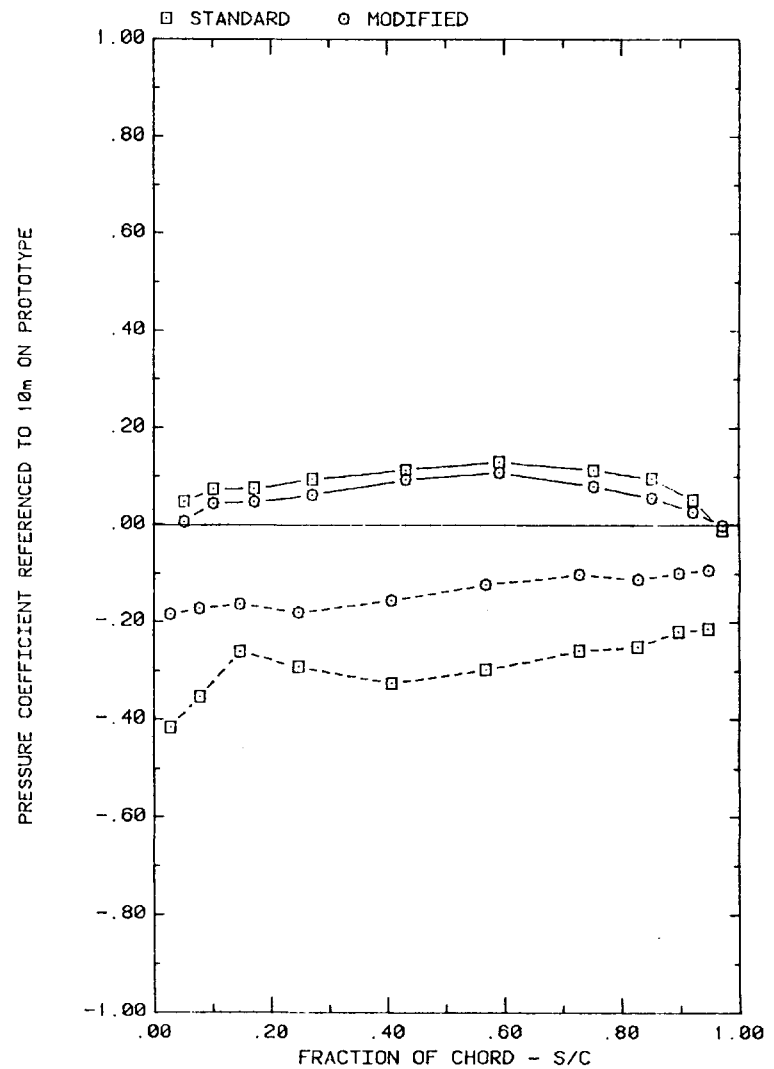


FRONT AND BACK PRESSURES ON ARRAY #2 WITH $X=2C$, AND WIND=45
EFFECT OF TAP LOCATION; $\alpha=145$, $H=3"$, $D=10"$, $FC=3$, AND $P=30\%$

Plot 5-2-2. (Continued)

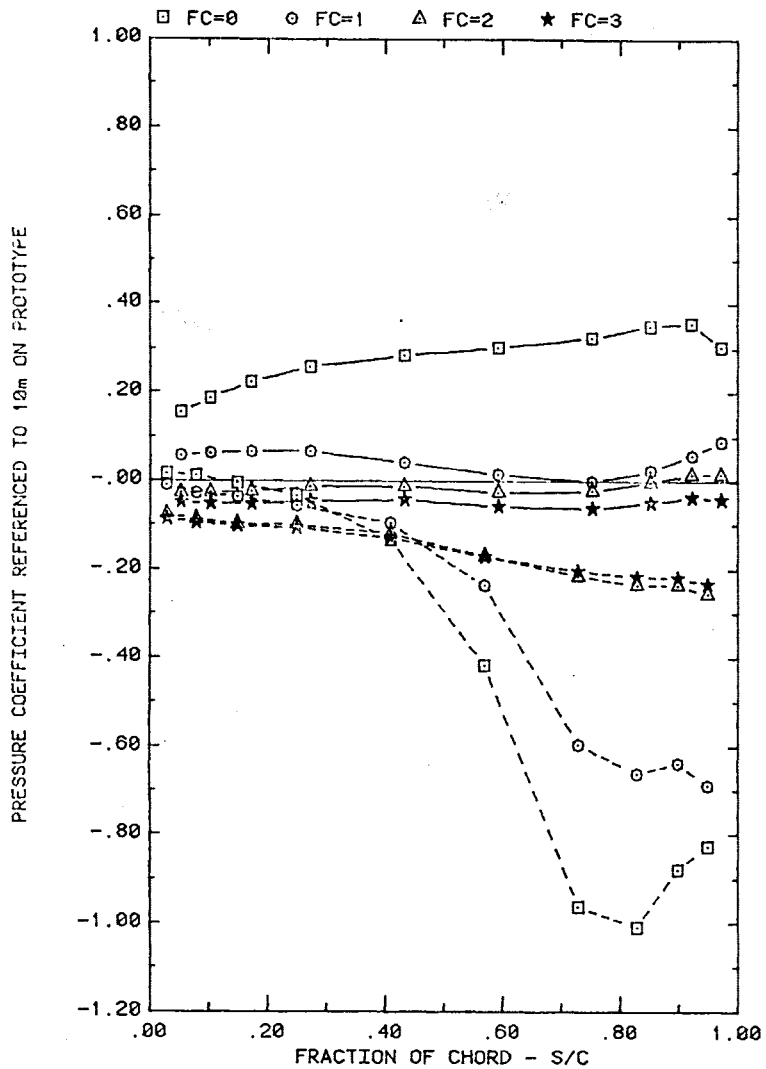


FRONT AND BACK PRESSURES ON ARRAY #3 WITH X=2C, AND WIND=45
EFFECT OF TAP LOCATION; ALPHA=35, H=3", D=10", FC=3, AND P=30%



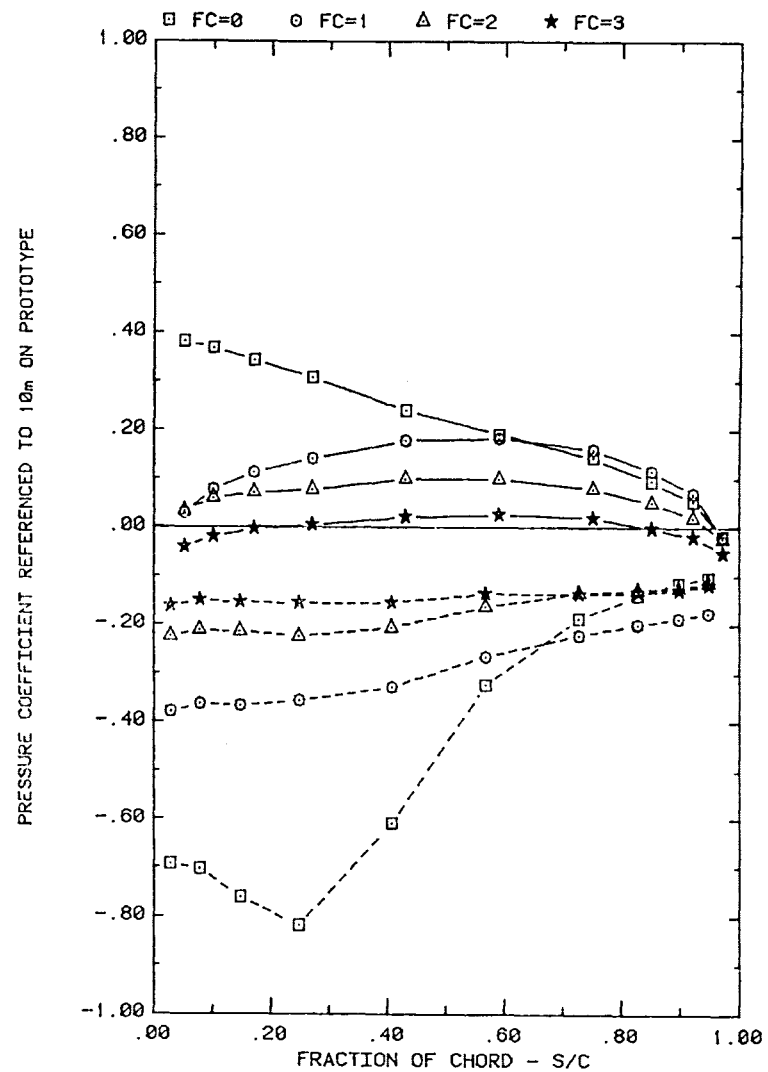
FRONT AND BACK PRESSURES ON ARRAY #3 WITH X=2C, AND WIND=45
EFFECT OF TAP LOCATION; ALPHA=145, H=3", D=10", FC=3, AND P=30%

Plot 5-2-2. (Concluded)

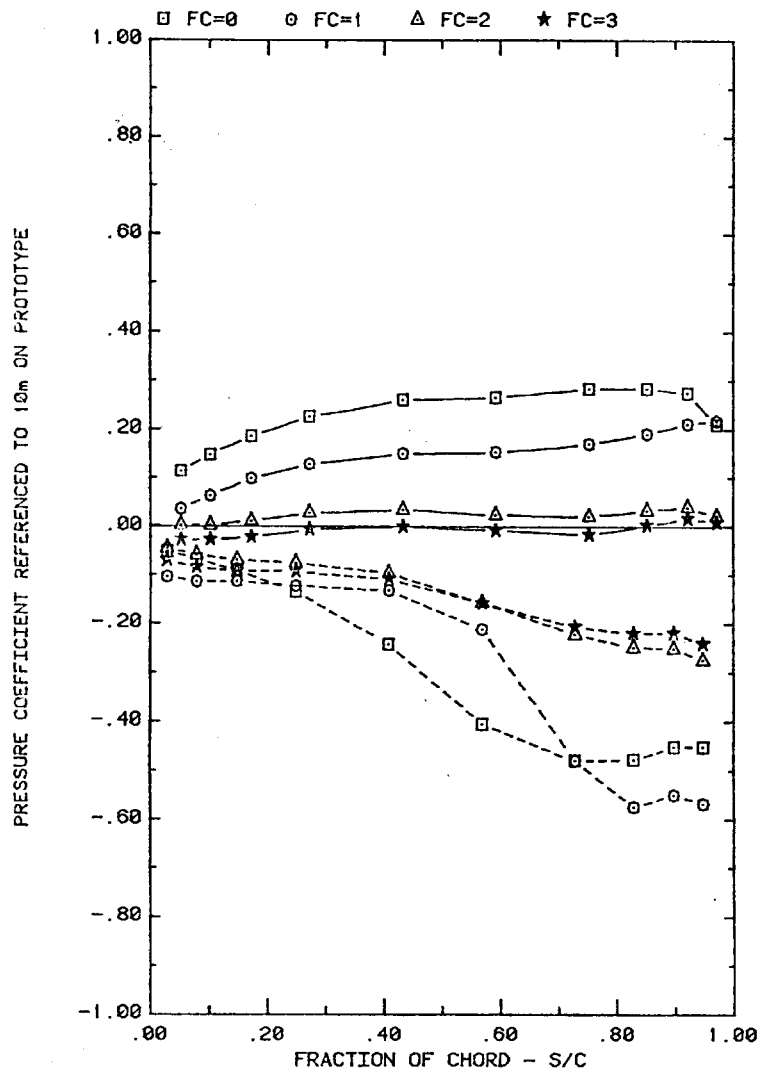


FRONT AND BACK PRESSURES 3.6" IN FROM EDGE OF ARRAY#1; WIND=45
EFFECT OF FC WITH ALPHA=35, H=3°, D=10°, P=30%, AND X=2C

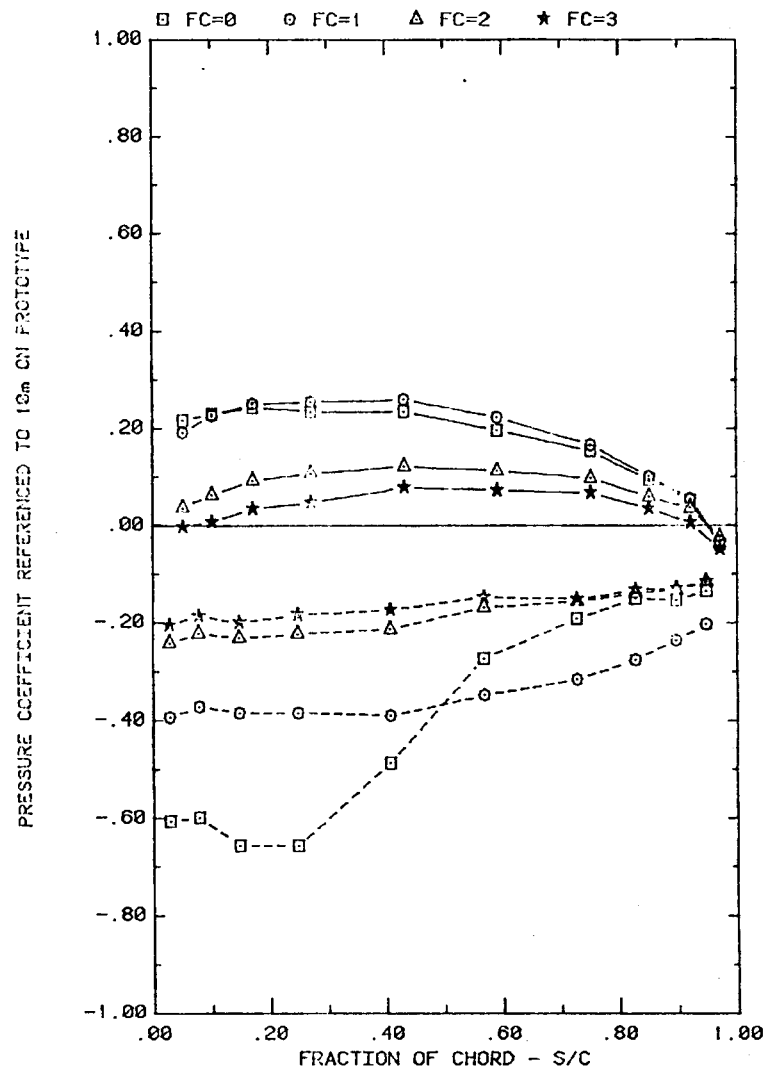
Plot 5-2-3. Corner Study, WD = 45°, Modified Model with Solid Extension
Effect of Fence Configuration



FRONT AND BACK PRESSURES 3.6" IN FROM EDGE OF ARRAY#1; WIND=45
EFFECT OF FC WITH ALPHA=145, H=3°, D=10°, P=30%, AND X=2C

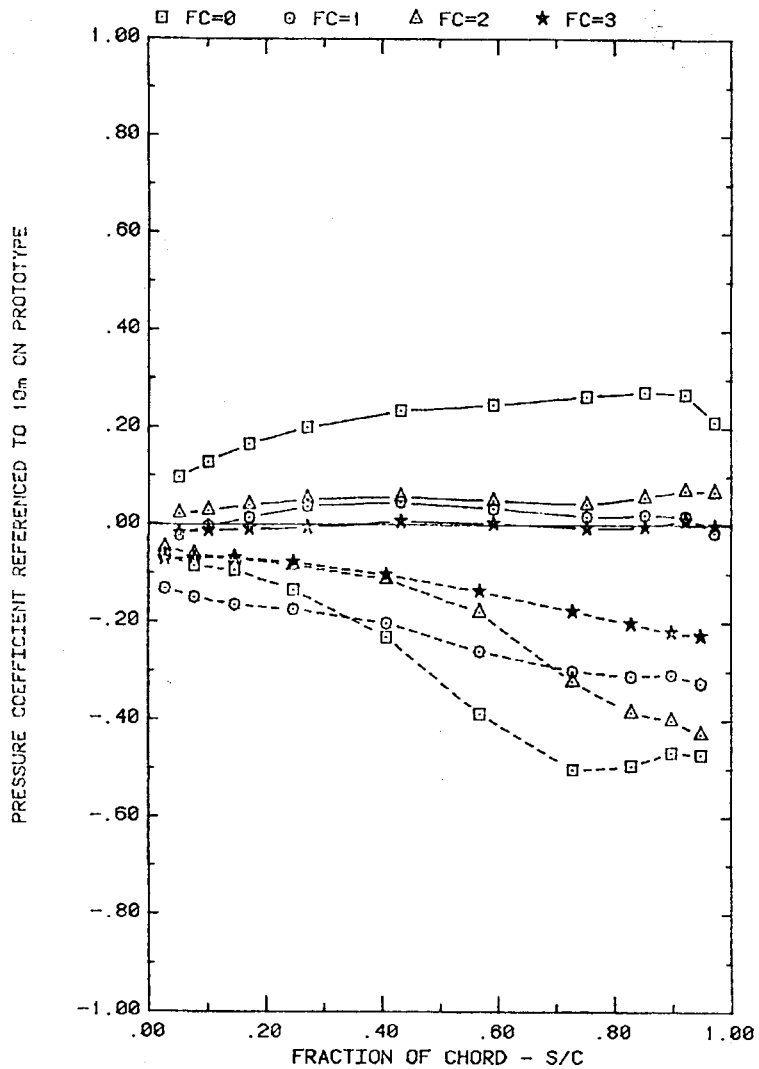


FRONT AND BACK PRESSURES 3.6" IN FROM EDGE OF ARRAY#2; WIND=45
EFFECT OF FC WITH ALPHA=35, H=3°, D=10°, P=30%, AND X=2C

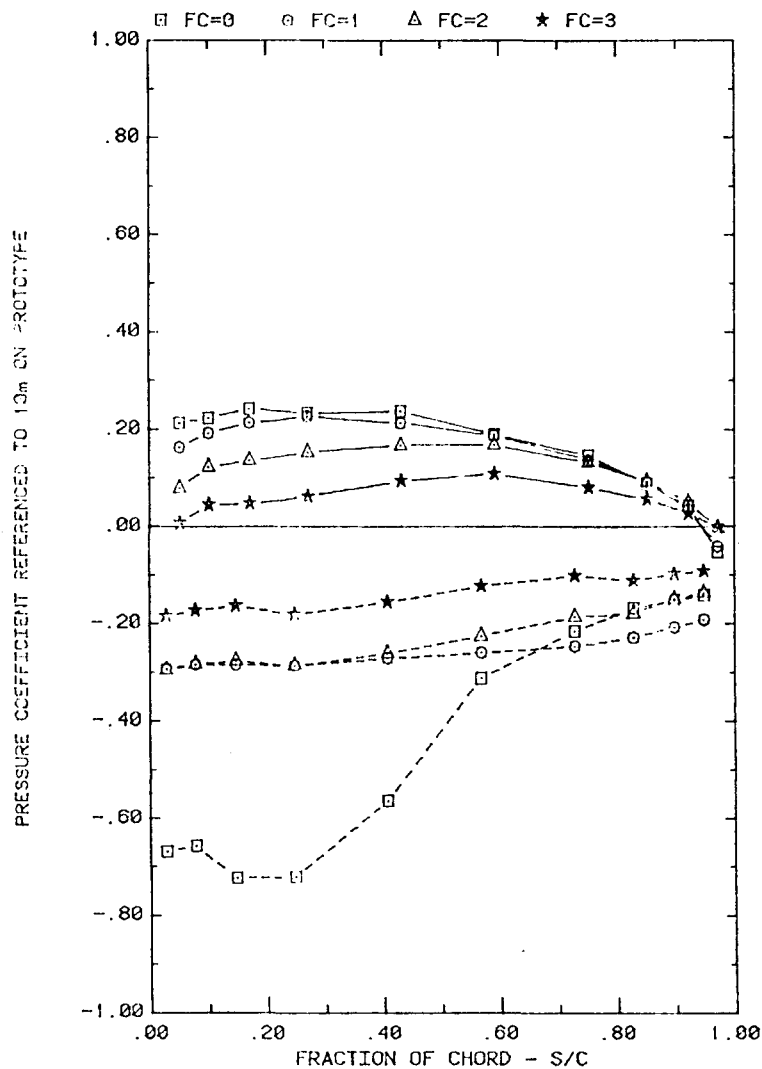


FRONT AND BACK PRESSURES 3.6" IN FROM EDGE OF ARRAY#2; WIND=45
EFFECT OF FC WITH ALPHA=145, H=3°, D=10°, P=30%, AND X=2C

Plot 5-2-3. (Continued)

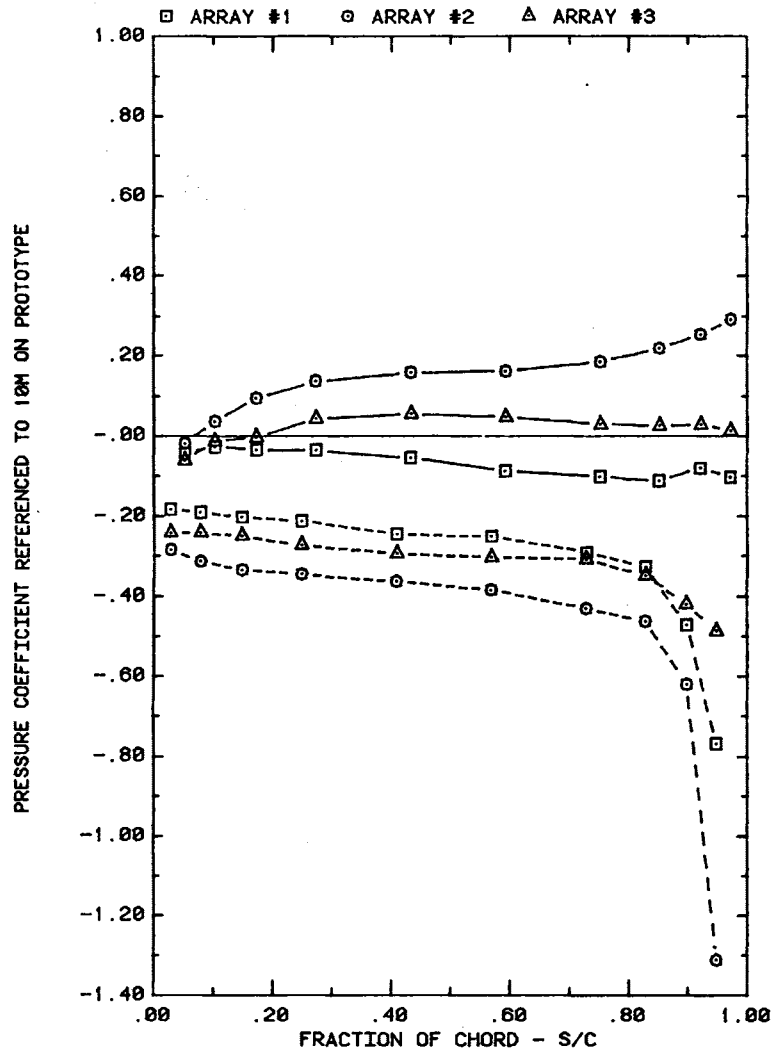


FRONT AND BACK PRESSURES 3.6° IN FROM EDGE OF ARRAY#3; WIND=45
EFFECT OF FC WITH ALPHA=35, H=3°, D=10°, P=30%, AND X=2C

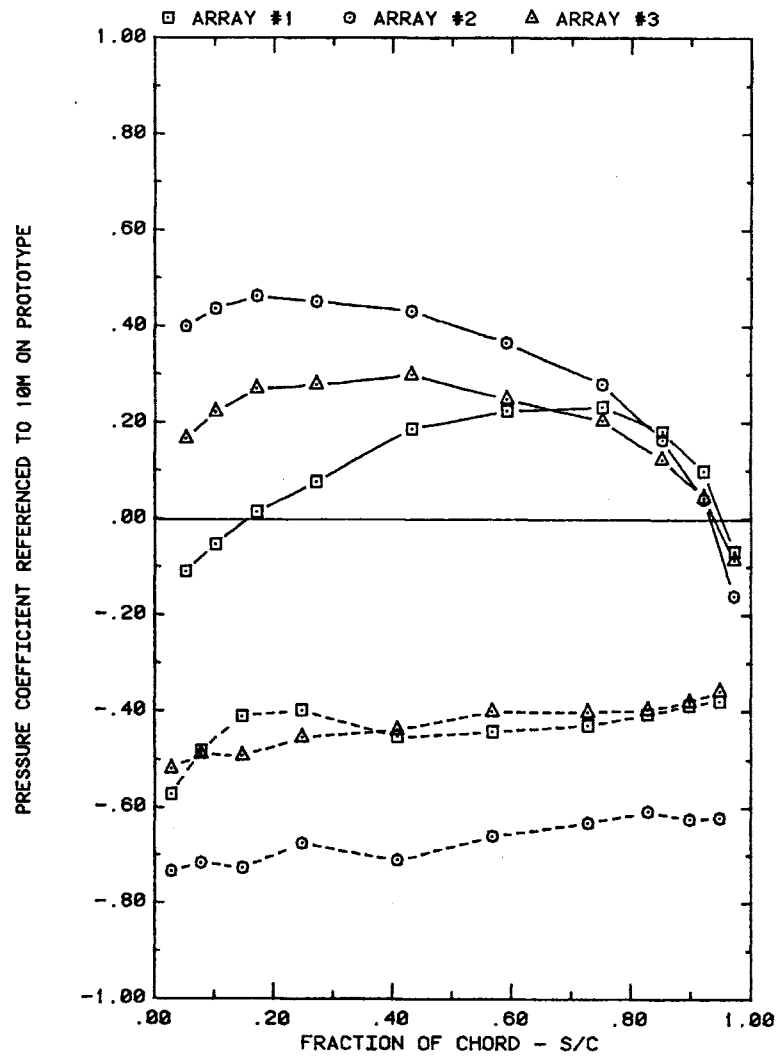


FRONT AND BACK PRESSURES 3.6° IN FROM EDGE OF ARRAY#3; WIND=45
EFFECT OF FC WITH ALPHA=145, H=3°, D=10°, P=30%, AND X=2C

Plot 5-2-3. (Concluded)

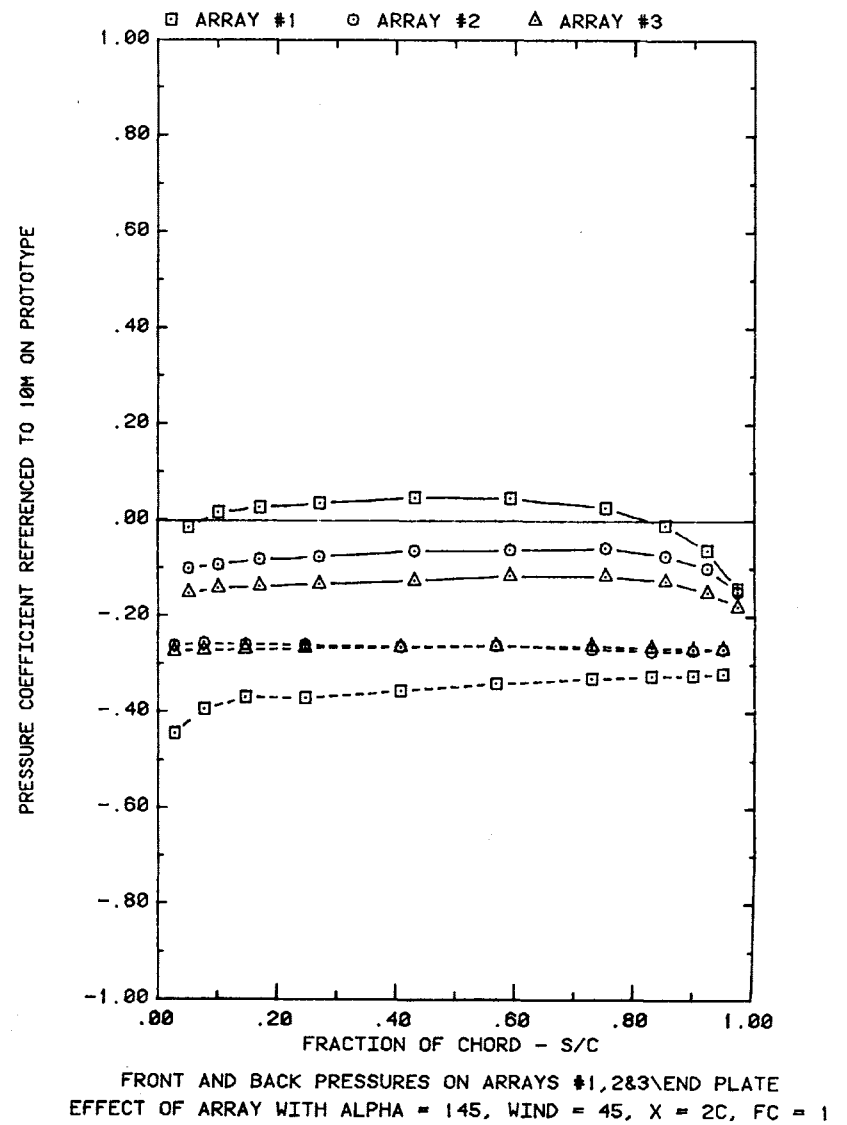
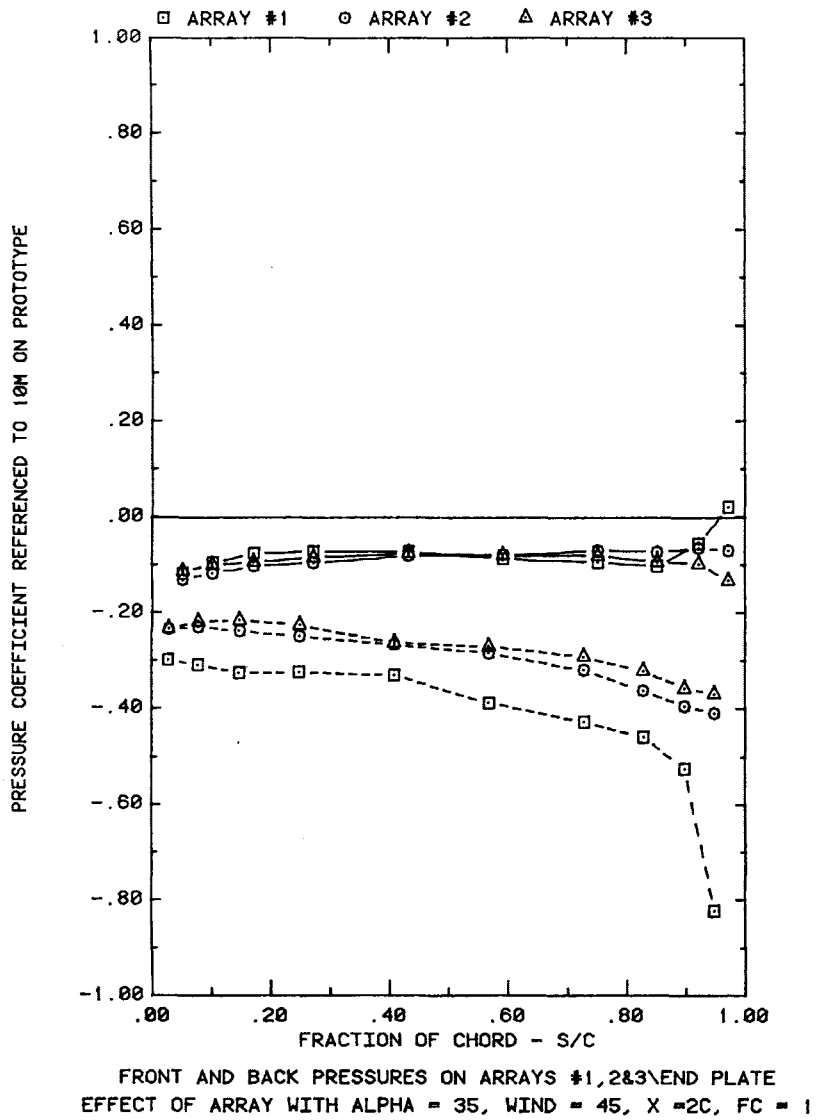


FRONT AND BACK PRESSURES ON ARRAYS #1,2&3\50% POROSITY EXTENSION
EFFECT OF ARRAY WITH ALPHA = 35, WIND = 45, X = 2C, FC = 1

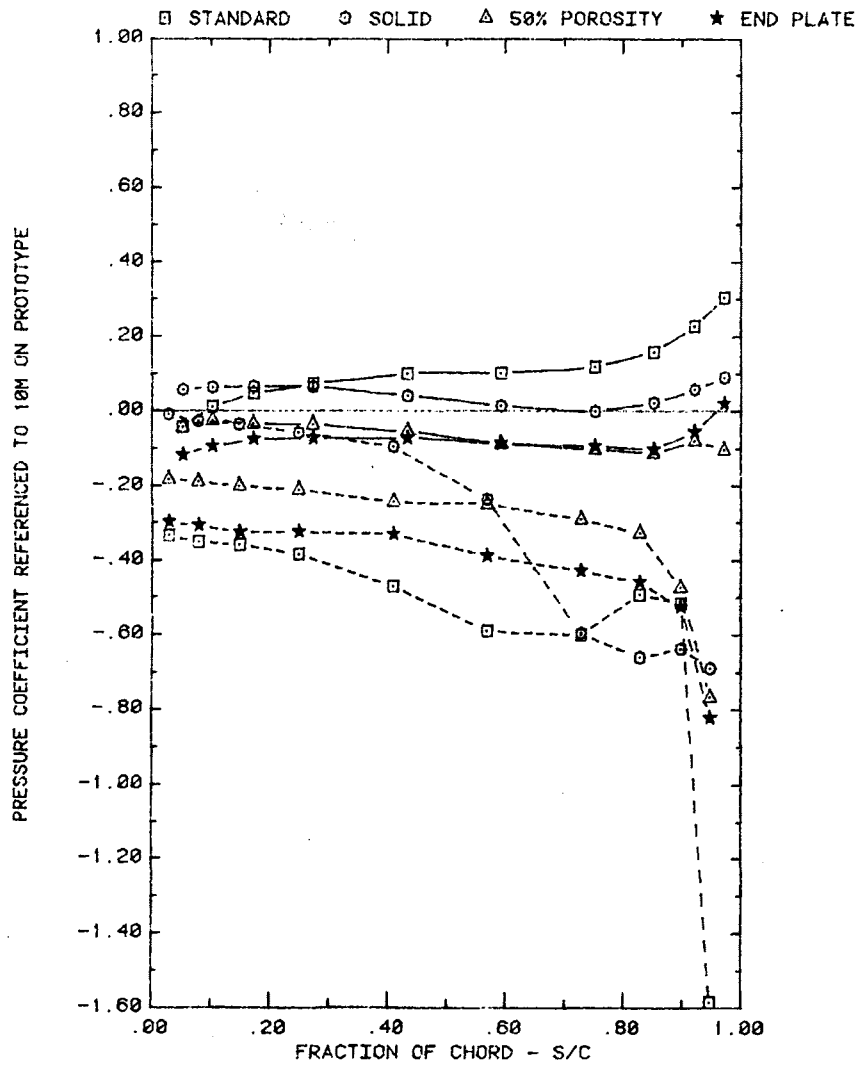


FRONT AND BACK PRESSURES ON ARRAYS #1,2&3\50% POROSITY EXTENSION
EFFECT OF ARRAY WITH ALPHA = 145, WIND = 45, X = 2C, FC = 1

Plot 5-3-1. Corner Study, $WD = 45^\circ$, Modified Model with Various Extension
Effect of Array Position

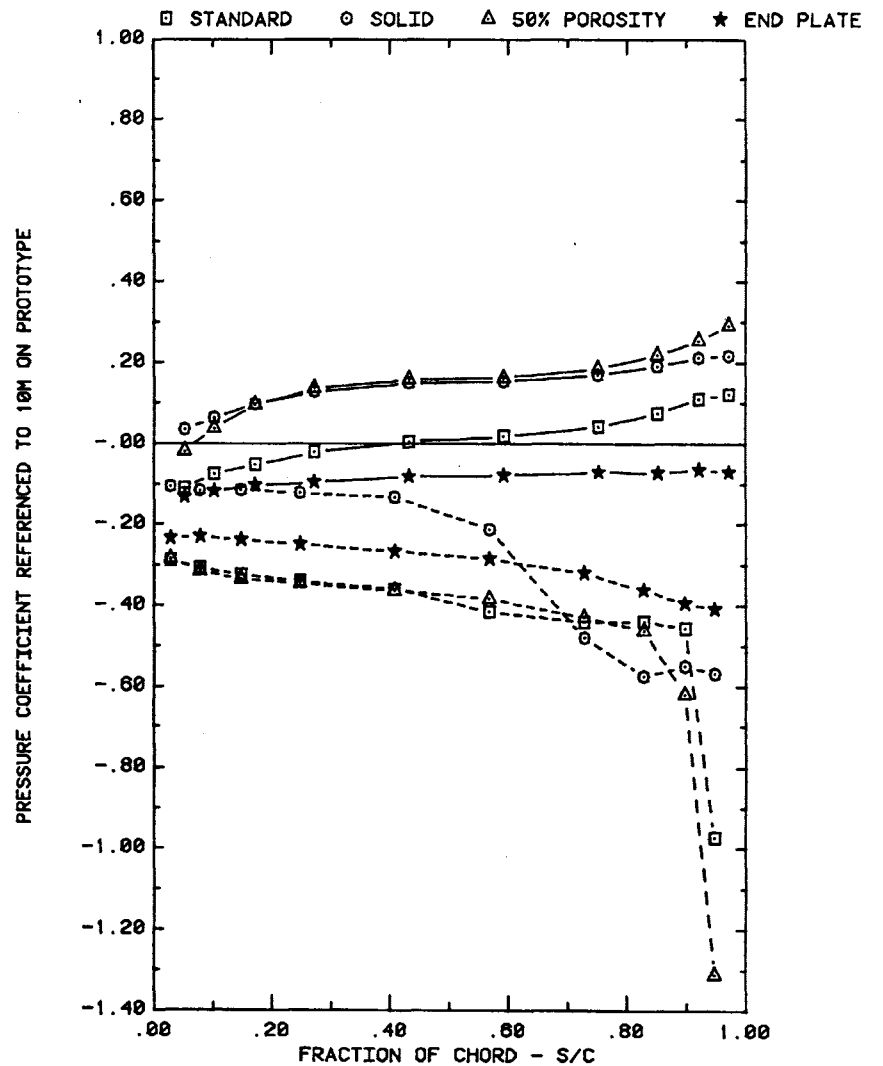


Plot 5-3-1. (Continued)

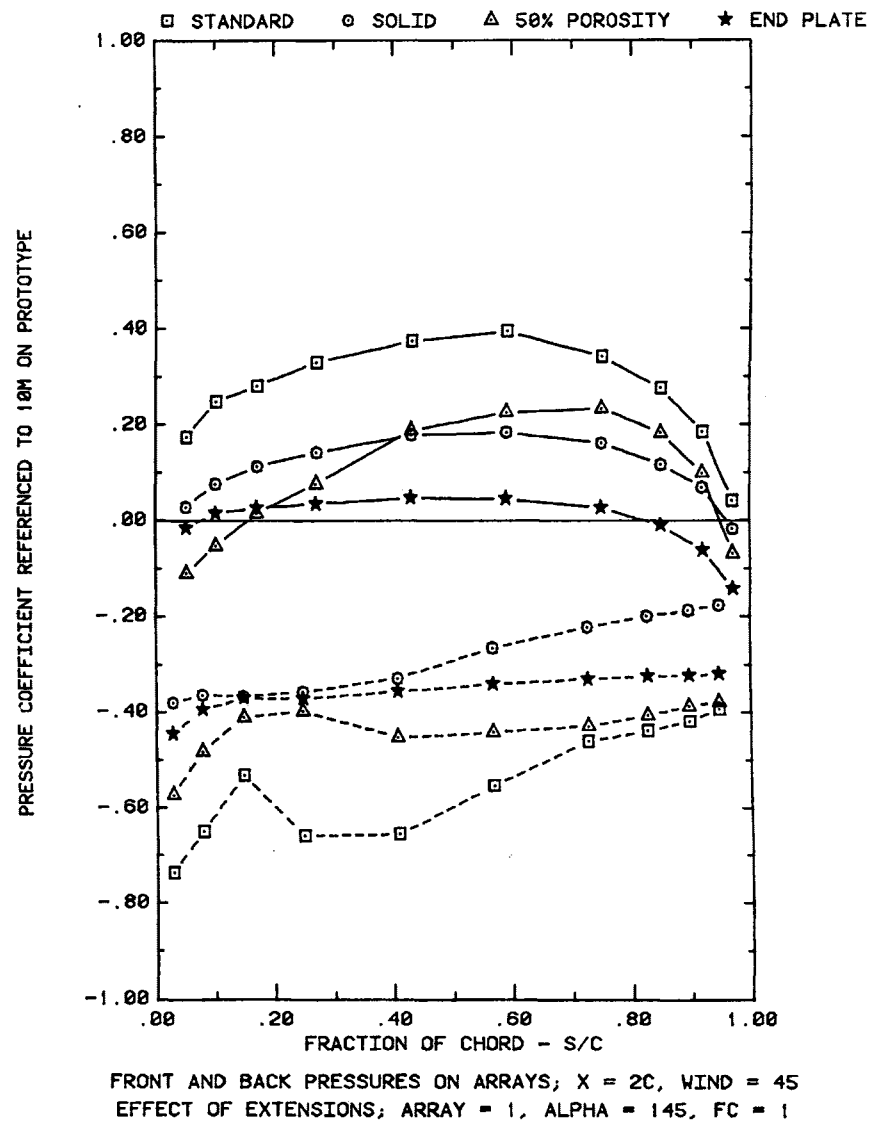
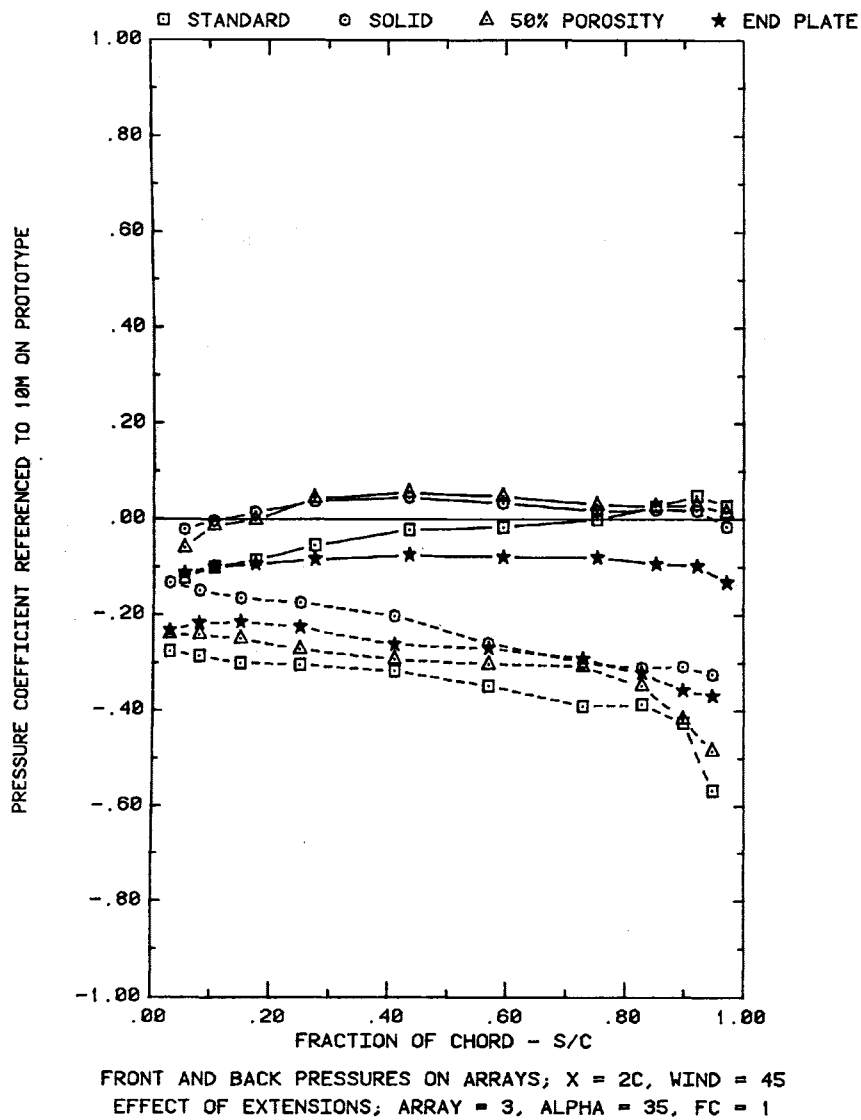


FRONT AND BACK PRESSURES ON ARRAYS; $X = 2C$, WIND = 45
EFFECT OF EXTENSIONS; ARRAY = 1, ALPHA = 35, FC = 1

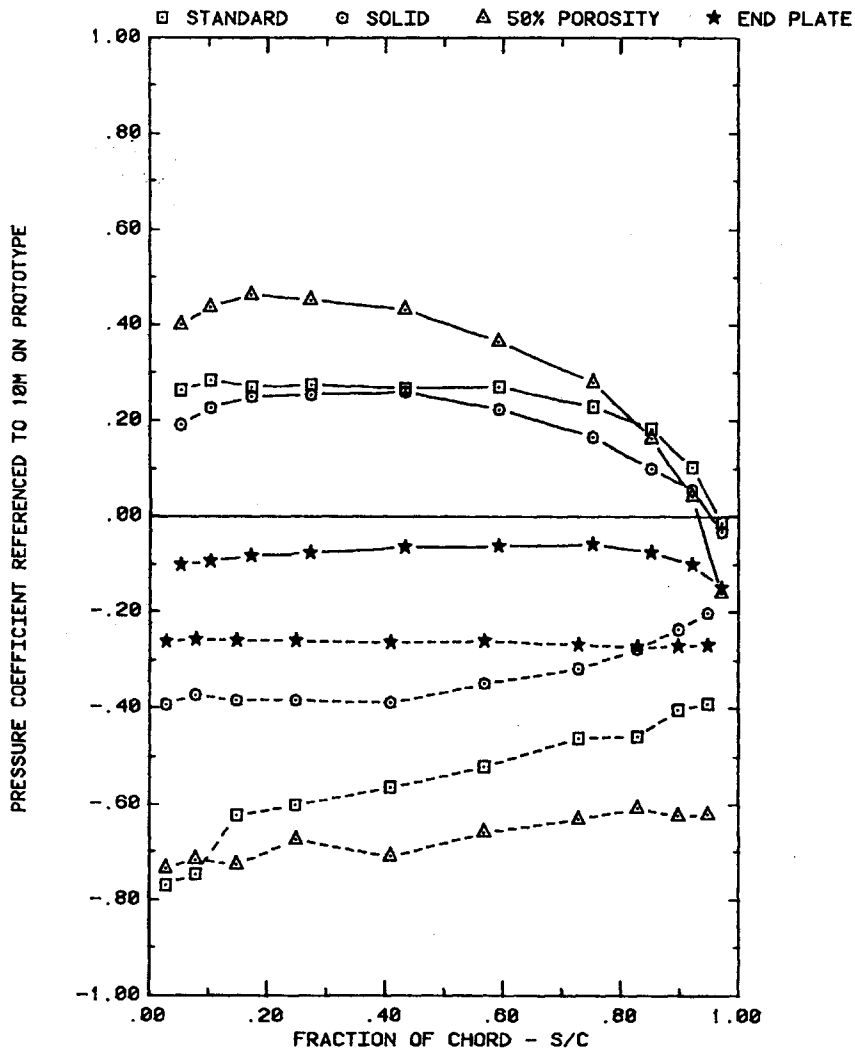
Plot 5-3-2. Corner Study, $WD = 45^\circ$, Modified Model with Various Extension
Effect of Model Configuration



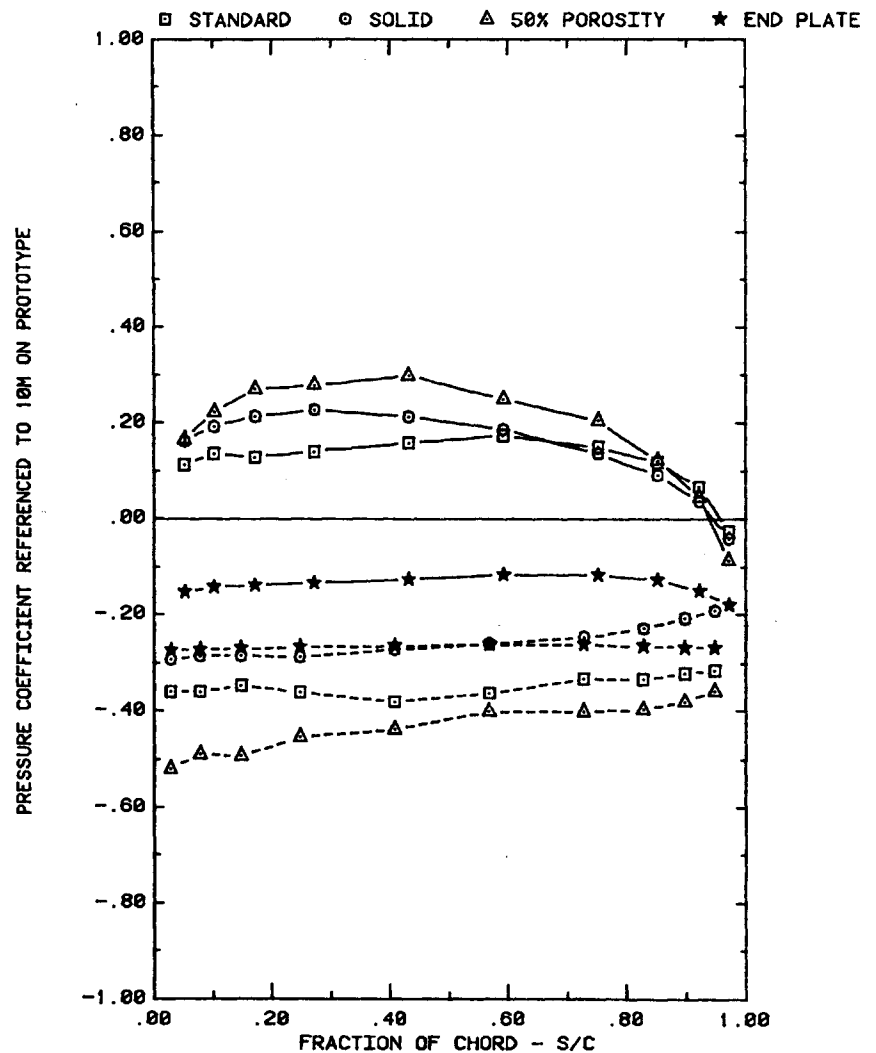
FRONT AND BACK PRESSURES ON ARRAYS; $X = 2C$, WIND = 45
EFFECT OF EXTENSIONS; ARRAY = 2, ALPHA = 35, FC = 1



Plot 5-3-2. (Continued)



FRONT AND BACK PRESSURES ON ARRAYS; $X = 2C$, WIND = 45
 EFFECT OF EXTENSIONS; ARRAY = 2, ALPHA = 145, FC = 1



FRONT AND BACK PRESSURES ON ARRAYS; $X = 2C$, WIND = 45
 EFFECT OF EXTENSIONS; ARRAY = 3, ALPHA = 145, FC = 1

Plot 5-3-2. (Concluded)