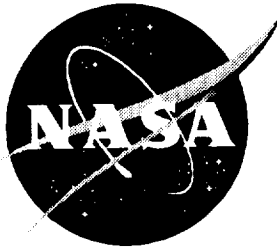


4/96

10/20/7
1996 064296

NASA Technical Memorandum 4645



Experimental Surface Pressure Data Obtained on 65° Delta Wing Across Reynolds Number and Mach Number Ranges

Volume 2—Small-Radius Leading Edge

Julio Chu and James M. Luckring

February 1996





Experimental Surface Pressure Data Obtained on 65° Delta Wing Across Reynolds Number and Mach Number Ranges

Volume 2—Small-Radius Leading Edge

*Julio Chu and James M. Luckring
Langley Research Center • Hampton, Virginia*

The use of trademarks or names of manufacturers in this report is for accurate reporting and does not constitute an official endorsement, either expressed or implied, of such products or manufacturers by the National Aeronautics and Space Administration.

Available electronically at the following URL address: <http://techreports.larc.nasa.gov/ltrs/ltrs.html>

Printed copies available from the following:

NASA Center for AeroSpace Information
800 Elkridge Landing Road
Linthicum Heights, MD 21090-2934
(301) 621-0390

National Technical Information Service (NTIS)
5285 Port Royal Road
Springfield, VA 22161-2171
(703) 487-4650

Summary

An experimental wind tunnel test of a 65° delta wing model with interchangeable leading edges was conducted in the Langley National Transonic Facility (NTF). The objective was to investigate the effects of Reynolds and Mach numbers on slender-wing leading-edge vortex flow with four values of wing leading-edge bluntness. The data presented in volume 2 of this report are for a small-radius leading edge equivalent to 0.05 percent of the mean aerodynamic chord. The data for the sharp leading edge and the medium- and large-radius leading edges are presented in volumes 1, 3, and 4, respectively, of this report. Experimentally obtained pressure data for the small-radius leading edge are presented without analysis in tabulated and graphical formats across a Reynolds number range of 6×10^6 to 84×10^6 at a Mach number of 0.85 and across a Mach number range of 0.4 to 0.9 at Reynolds numbers of 6×10^6 and 60×10^6 . Normal-force and pitching-moment coefficient plots for these Reynolds number and Mach number ranges are also presented.

Introduction

Wing leading-edge vortex flow on slender wings has been a subject of study at aeronautical research laboratories (refs. 1–6) for many years. The wing upper surface pressure loading induced by the leading-edge vortex has been shown to provide a significant vortex-lift increment at moderate to high angles of attack for slender wings. (See ref. 7.) Application of vortical flow benefits has been primarily directed toward military use for which designs have been investigated that enhance transonic maneuverability for tactical supercruisers using vortex lift (refs. 8 and 9) or that suppress the vortex flow for those conditions where it is undesirable. (See ref. 10.) However, commercial application of vortex flow is evident in the ability of the *Concorde* to achieve high lift during takeoff and landing.

The majority of previous leading-edge vortex flow studies have been conducted on sharp leading-edge wings, where the primary separation line may be assumed to be located at the leading edge. This assumption permits inviscid vortex sheet approximations in analytical modeling and should minimize the dependency of the experimental data on Reynolds number. (See refs. 3–6 and 8.) However, vortical flow investigations on blunt leading-edge wings have been less comprehensive. (See refs. 2, 3, and 11.) The flow around blunt leading edges is inherently dominated by viscous effects and presents a significant challenge for empirical, analytical, or computational analysis. The primary separation line location and the vortex strength for a blunt leading edge are known to be dependent on Reynolds number. This

sensitivity to Reynolds number also occurs with flow reattachments and subsequent development of secondary vortices regardless of leading-edge bluntness. (See refs. 10 and 12.)

Accordingly, the National Aeronautics and Space Administration (NASA) Langley Research Center (LaRC) has attempted to augment the existing database (refs. 11 and 13) for the effects of leading-edge bluntness across a broad Reynolds number range and to facilitate the development of suitable scaling techniques in characterizing the complex leading-edge flows. The approach was to investigate the basic nature of the surface pressure on a slender wing with various values of the leading-edge radius. The experiment was conducted on a planar delta wing with a leading-edge sweep of 65° across broad Reynolds number and Mach number ranges at the Langley National Transonic Facility (NTF). The model was fabricated with removable leading edges to permit testing of four leading-edge sets. The sets were designated as sharp, small, medium, and large, which corresponded to values of leading-edge radii normalized by the mean aerodynamic chord of 0, 0.05, 0.15, and 0.30 percent, respectively.

The experimental data for the small-radius leading edge are presented in volume 2 of this report. The data for the sharp leading edge and for the medium- and large-radius leading edges are presented in volumes 1, 3, and 4, respectively, of this report. Wing pressure data are presented along with normal-force and pitching-moment coefficient data. Note that the primary objective of the force measurements was to monitor the safety of the model support system during the experiment; hence, the accuracy of the force measurements was of secondary importance.

Symbols

a, b, c, d	coefficients in first-blending function ϕ (appendix A)
b	wing span, 24 in.
C_m	pitching-moment coefficient about moment reference point, $\frac{\text{Pitching moment}}{q_\infty S \bar{c}}$
C_N	normal-force coefficient, $\frac{\text{Normal force}}{q_\infty S}$
C_p	pressure coefficient, $\frac{p - p_\infty}{q_\infty}$
c_R	root chord, 25.734 in.
\bar{c}	mean aerodynamic chord, 17.156 in.

F_N	normal force, lbf
l, m, n	coefficients in second-blending function ψ (appendix A)
M_Y	pitching moment, in-lbf
M_∞	free-stream Mach number
p	local pressure, psia
p_∞	free-stream static pressure, psia
p_T	free-stream total pressure, psia
q_∞	free-stream dynamic pressure, psf
R	Reynolds number
r	local radius
S	wing area, 2.145 ft ²
t_T	total temperature, °F
U	uncertainty
x	distance from apex, positive downstream, in.
x_0	initial longitudinal coordinate of blending function ϕ , in. (appendix A)
x_1	endpoint longitudinal coordinate of blending function ϕ , in. (appendix A)
y	spanwise distance from apex, positive right, in.
z	distance above X-Y plane, positive upward, in.
α	angle of attack, deg
γ	ratio of specific heats
η	$\frac{2y}{b_1}$
ξ	nondimensional distance parameter
ϕ	first-blending function (appendix A)
ψ	second-blending function (appendix A)

Abbreviations:

ESP	electronically scanned pressure
l	lower
L.E., le	leading edge
mac	mean aerodynamic chord
NTF	National Transonic Facility
starb'd	starboard
u	upper
l	local

Facility

The test was conducted in the Langley National Transonic Facility (NTF). The facility is a fan-driven, closed-circuit, cryogenic transonic pressure wind tunnel.

(See fig. 1.) The test section is 8.2 ft high by 8.2 ft wide by 25 ft long with a slotted ceiling and floor.

The NTF operating capability has a nominal Mach number range of 0.2 to 1.2, total pressure range of 15 to 120 psia, and total temperature range of -260°F to 150°F . The test gas may be dry air or nitrogen. A maximum unit Reynolds of $146 \times 10^6 \text{ ft}^{-1}$ is achieved at a Mach number of 1.0. Independent control of pressure, temperature, fan speed, and inlet guide vane angle permits Mach number, Reynolds number, and dynamic pressure to be varied independently within the wind tunnel operational envelope.

To reduce turbulence, four antiturbulence screens were installed in the settling chamber, and a 15:1 contraction from settling chamber to nozzle throat was provided. To minimize wall interference, the test section floor and ceiling were set at 0° , model support walls at -1.76° , and reentry flaps at 0° . Acoustic treatment upstream and downstream of the fan was incorporated to reduce fan noise. More details of the wind tunnel physical characteristics and operations can be found in reference 14.

Model Description and Test Apparatus

The basic layout of the delta wing model is shown in figure 2(a). The wing has a leading-edge sweep of 65° , no twist or camber, and four sets of interchangeable leading edges, which attach to the flat plate part of the wing. The four leading-edge streamwise contours are illustrated in figure 2(b). The model root chord is 25.734 in., the wing span is 24 in., and the maximum wing thickness is 0.875 in. The wing was fabricated from VascoMax C-200,¹ which is suitable for cryogenic operation, and had a surface finish specification of 8 microinches. Figure 2(c) is a photograph of three of the leading-edge sets; one set is attached to the flat plate part of the model. With the exception of the seam at the plane of symmetry, where the left and right side leading edges are joined, each interchangeable leading-edge set (which includes part of the outboard trailing edge) was fabricated as one continuous piece of hardware. This eliminated the surface discontinuities typically associated with an upper and lower leading-edge surface parting line.

The wing and sting surfaces are represented by a fully analytical function with continuity through the second derivative and, hence, curvature. However, the wing-sting intersection line exhibits a discontinuity in slope across it. The leading- and trailing-edge cross-sectional shapes are constant spanwise except for a region near the wingtip where the two shapes intersect. A

¹Trademark of Teledyne Vasco.

detailed geometric description of the various regions of the delta wing and sting (fig. 3) is presented in appendix A. Unless otherwise noted, all quantities have been normalized by the wing root chord.

The model was supported (fig. 4(a)) at the aft end by the model sting, 10°-bent sting, and stub sting. The total model support system confined the center of rotation of the model to the center of the test section. The bent sting extended the positive angle-of-attack range up to approximately 30°.

The model had 183 surface static pressure ports with each having an inside diameter of 0.010 in. The orifice size selection was based on prior cryogenic model-testing experience (ref. 15) at the Langley 0.3-Meter Transonic Cryogenic Tunnel (0.3-m TCT). The majority of the ports were located on the upper surface of the right side (i.e., starboard side) of the model. They were located at nondimensional longitudinal stations of $x/c_R = 0.20, 0.40, 0.60, 0.80,$ and 0.95 . (See fig. 2(a).) At each chord station, the orifices were situated at constant fractions of local semispan so that they were aligned along rays emanating from the wing apex. The upper surface orifices were located every 5 percent of the local semispan out to one half of the local semispan, beyond which, they were spaced every 2.5 percent of the local semispan. The lower surface pressure ports were located on the left side (i.e., port side) of the model at the same longitudinal stations as on the starboard side. At each chord station, the lower surface orifices were located at local semispan stations of 0.20, 0.40, 0.60, 0.70, 0.80, 0.85, 0.90, and 0.95. In addition, orifices were located directly on both the port and starboard leading edges (except for the sharp leading-edge set) at every 10-percent root chord as well as at the 0.95-chord station. Pressure port location dimensions are shown in tables 1, 2, and 3. Locations that did not have pressure ports are indicated by dashed-line entries.

Instrumentation

Surface static pressure measurements were obtained with four 48-port, 30-psid electronically scanned pressure (ESP) modules. Because of limited volume within the model and its immediate vicinity, the ESP modules were secured inside the enclosure of the wind tunnel pitch system downstream of the stub sting. These modules were placed in a heated container to ensure operation in a cryogenic environment. All model pressure tubes were routed downstream through the sting system and connected to the ESP modules.

Cryogenically rated strain gages configured for two moment bridges were installed on the model sting. These gages were used to monitor model support system safety during the test. One bridge was located at the wing

trailing-edge longitudinal station and the second 4 in. downstream of the wing trailing edge. In figure 4(b), note gage locations at the two rings around the sting just aft of the wing trailing edge. These gages were configured to Poisson ratio full bridges and were shielded from the free stream by a protective chemical coating. Normal force and pitching moment were calculated from measurements of these gages and reported as nondimensional coefficients.

Model angle of attack was determined from the wind tunnel arc-sector angles measured during the test and from sting bending characteristics that were obtained during pretest loadings. The sting fairing cavity volume was insufficient for installation of a fully heated onboard accelerometer package to measure inertial model angles during cryogenic operations.

Measurement Accuracy

The Beattie-Bridgman gas model (ref. 16) and the quoted specifications for the instrumentation were applied to approximate the accuracies of the test parameters and the aerodynamic coefficients. The technique of Kline and McClintock, as specified by Holman (ref. 17), was used to calculate the coefficient accuracies. The uncertainties U of the measurements of the normal-force coefficient C_N , pitching-moment coefficient C_m , pressure coefficient C_p , and free-stream Mach number M_∞ depend on the uncertainties of their respective primary measurements. Estimates of measurement accuracies are presented in appendix B.

The quoted accuracy of an ESP module is ± 0.1 percent of the instrument maximum pressure. Therefore, the accuracy of the 30-psid ESP modules used in this test is ± 0.03 psid.

Data Reduction and Corrections

Data reduction methods used for the pressure data and wind tunnel parameters were those outlined in reference 16. To obtain force and moment data, the strain gages on the sting were treated as two-component strain gage balances in the data reduction procedure. (See ref. 18.) Because the Reynolds number range was achieved at only two test temperatures for the various total pressures, aeroelastic effects (i.e., model deformation due to pressure) can distort the true Reynolds number effects. However, the aeroelastic effect on the aerodynamic data is small because of the relatively high stiffness resulting from the model thickness and low-aspect-ratio planform as well as the support system structure as illustrated in figure 4(a). Measurements for an inverted model attitude were not taken, and a nominal

flow angularity correction of $+0.13^\circ$ (upflow) was applied to the reported angles of attack.

Test Program

Figure 5 shows the combinations of Reynolds numbers and free-stream Mach numbers used for the test. The test matrix shows that a Mach number of 0.85 was selected for the study of the Reynolds number effects and that Reynolds numbers of 6×10^6 and 60×10^6 were selected for the study of Mach number effects. All data were obtained with free boundary layer transition.

Data Presentation

Pressure data measured on the delta wing are presented for each data point in tabular and graphical formats in appendixes C–E. Normal-force and pitching-moment data for each angle of attack are presented in figures 6–8. The moment reference point was located at two thirds of the root chord aft of the wing apex. The angle of attack ranged nominally from -1° to 27° .

Wing pressure coefficients are tabulated for each data point and accompanied by a surface pressure distribution plot and a leading-edge pressure plot. The degree of similarity between the port and starboard leading-edge pressure plots indicates the extent of flow symmetry. Note that coefficient value represented by a series of asterisks in tables C1–C7, D1–D6, and E1–E6 is either an unrecorded or an apparently erroneous pressure port measurement.

The pressure coefficient data test matrix is presented in table 4. The test breakdown is as follows: data for Reynolds numbers from 6×10^6 to 84×10^6 at $M_\infty = 0.85$ are given in appendix C, data for a Reynolds number of 6×10^6 at $M_\infty = 0.40$ to 0.90 are given in appendix D, and data for a Reynolds number of 60×10^6 at $M_\infty = 0.40$ to 0.90 are given in appendix E.

Summary Remarks

Pressure data obtained from a 65° delta wing with the small-radius leading edge (i.e., 0.05 percent of mac) are presented in the form of surface pressure plots and leading-edge pressure plots for a Reynolds number range of 6×10^6 to 84×10^6 at a Mach number of 0.85 and a Mach number range of 0.4 to 0.9 at Reynolds numbers of 6×10^6 and 60×10^6 . Although upper and lower surface pressures were measured on opposite sides of the model, model symmetry permitted pressure distribution plots to be superimposed on a sketch of the half wing. The plots of the leading-edge pressures indicate the extent of flow symmetry by comparing port and starboard leading-edge pressures. Normal-force and pitching-moment coefficient plots for Reynolds number and Mach number ranges are also presented.

NASA Langley Research Center
Hampton, VA 23681-0001
August 11, 1995

Table 1. Wing Upper Surface Pressure Port Locations on Starboard Side

η	x/c_R of—									
	0.20		0.40		0.60		0.80		0.95	
	x, in.	y, in.	x, in.	y, in.	x, in.	y, in.	x, in.	y, in.	x, in.	y, in.
0.050	5.147	0.120	10.294	0.240	15.440	0.360	-----	-----	-----	-----
.100	↓	.240	↓	.480	↓	.720	-----	-----	-----	-----
.150	↓	.360	↓	.720	↓	1.080	-----	-----	-----	-----
.200	↓	.480	↓	.960	↓	1.440	-----	-----	24.447	2.280
.250	-----	-----	↓	1.200	↓	1.800	20.587	2.400	↓	2.850
.300	5.147	0.720	↓	1.440	↓	2.160	↓	2.880	↓	3.420
.350	↓	.840	↓	1.680	↓	2.520	↓	3.360	↓	3.990
.400	↓	.960	↓	1.920	↓	2.880	↓	3.840	↓	4.560
.450	↓	1.080	↓	2.160	↓	3.240	↓	4.320	↓	5.130
.500	↓	1.200	↓	2.400	↓	3.600	↓	4.800	↓	5.700
.525	-----	-----	↓	2.520	↓	3.780	↓	5.040	↓	5.985
.550	5.147	1.320	↓	2.640	↓	3.960	↓	5.280	↓	6.270
.575	-----	-----	↓	2.760	↓	4.140	↓	5.520	↓	6.550
.600	5.147	1.440	↓	2.880	↓	4.320	↓	5.760	↓	6.840
.625	-----	-----	-----	-----	↓	4.500	↓	6.000	↓	7.125
.650	5.147	1.560	10.294	3.120	↓	4.680	↓	6.240	↓	7.410
.675	-----	-----	↓	3.240	↓	4.860	↓	6.480	↓	7.695
.700	5.147	1.680	↓	3.360	↓	5.040	↓	6.720	↓	7.980
.725	-----	-----	↓	3.480	↓	5.220	↓	6.960	↓	8.265
.750	5.147	1.800	↓	3.600	-----	-----	↓	7.200	↓	8.550
.775	-----	-----	↓	3.720	15.440	5.580	↓	7.440	↓	8.835
.800	5.147	1.920	↓	3.840	↓	5.760	↓	7.680	↓	9.120
.825	-----	-----	↓	3.960	↓	5.940	↓	7.920	↓	9.405
.850	5.147	2.040	↓	4.080	↓	6.120	↓	8.160	↓	9.690
.875	-----	-----	↓	4.200	↓	6.300	↓	8.400	↓	9.975
.900	5.147	2.160	↓	4.320	↓	6.480	↓	8.640	↓	10.260
.925	-----	-----	↓	4.440	↓	6.660	↓	8.880	↓	10.545
.950	5.147	2.280	↓	4.560	↓	6.840	↓	9.120	↓	10.830
.975	-----	-----	↓	4.680	↓	7.020	↓	9.360	↓	11.115
1.000	5.147	2.400	↓	4.800	↓	7.200	↓	9.600	↓	11.400

Table 2. Wing Lower Surface Pressure Port Locations on Port Side

η	x/c_R of—									
	0.20		0.40		0.60		0.80		0.95	
	x, in.	y, in.	x, in.	y, in.	x, in.	y, in.	x, in.	y, in.	x, in.	y, in.
-0.200	5.147	-0.480	10.294	-0.960	15.440	-1.440	-----	-----	24.447	-2.280
-0.400	↓	-0.960	↓	-1.920	↓	-2.880	20.587	-3.840	↓	-4.560
-0.600	↓	-1.440	↓	-2.880	↓	-4.320	↓	-5.760	↓	-6.840
-0.700	↓	-1.680	↓	-3.360	↓	-5.040	↓	-6.720	↓	-7.980
-0.800	↓	-1.920	↓	-3.840	↓	-5.760	↓	-7.680	↓	-9.120
-0.850	↓	-2.040	↓	-4.080	↓	-6.120	↓	-8.160	↓	-9.690
-0.900	↓	-2.160	↓	-4.320	↓	-6.480	↓	-8.640	↓	-10.260
-0.950	↓	-2.280	↓	-4.560	↓	-6.840	↓	-9.120	↓	-10.830
-0.975	-----	-----	↓	-4.680	↓	-7.020	↓	-9.360	↓	-11.115
-1.000	5.147	-2.400	↓	-4.800	↓	-7.200	↓	-9.600	↓	-11.400

Table 3. Wing Leading-Edge Pressure Port Locations on Starboard Side

η	x/c_R of—									
	0.10		0.30		0.50		0.70		0.90	
	x, in.	y, in.	x, in.	y, in.	x, in.	y, in.	x, in.	y, in.	x, in.	y, in.
1.000	2.573	1.200	7.720	3.600	12.867	6.000	18.014	8.400	23.161	10.800

Table 4. Pressure Coefficient Data Test Matrix for Small-Radius Leading Edge

Appendix table	Run	Mach	R_{mac}	q_{∞} , psf	t_T , °F
C1	41	0.85	6×10^6	722	120
C2	35	↓	12	1444	120
C3	53	↓	24	690	-250
C4	54	↓	36	1035	↓
C5	52	↓	60	1725	↓
C6	51	↓	72	2068	↓
C7	50	↓	84	2413	↓
D1	36	0.40	6	387	120
D2	38	.60	↓	555	↓
D3	39	.80	↓	692	↓
D4	40	.83	↓	710	↓
D5	42	.87	↓	733	↓
D6	43	.90	↓	750	↓
E1	44	.40	60	950	-250
E2	45	.60	↓	1344	↓
E3	46	.80	↓	1659	↓
E4	47	.83	↓	1699	↓
E5	48	.87	↓	1749	↓
E6	49	.90	↓	1785	↓

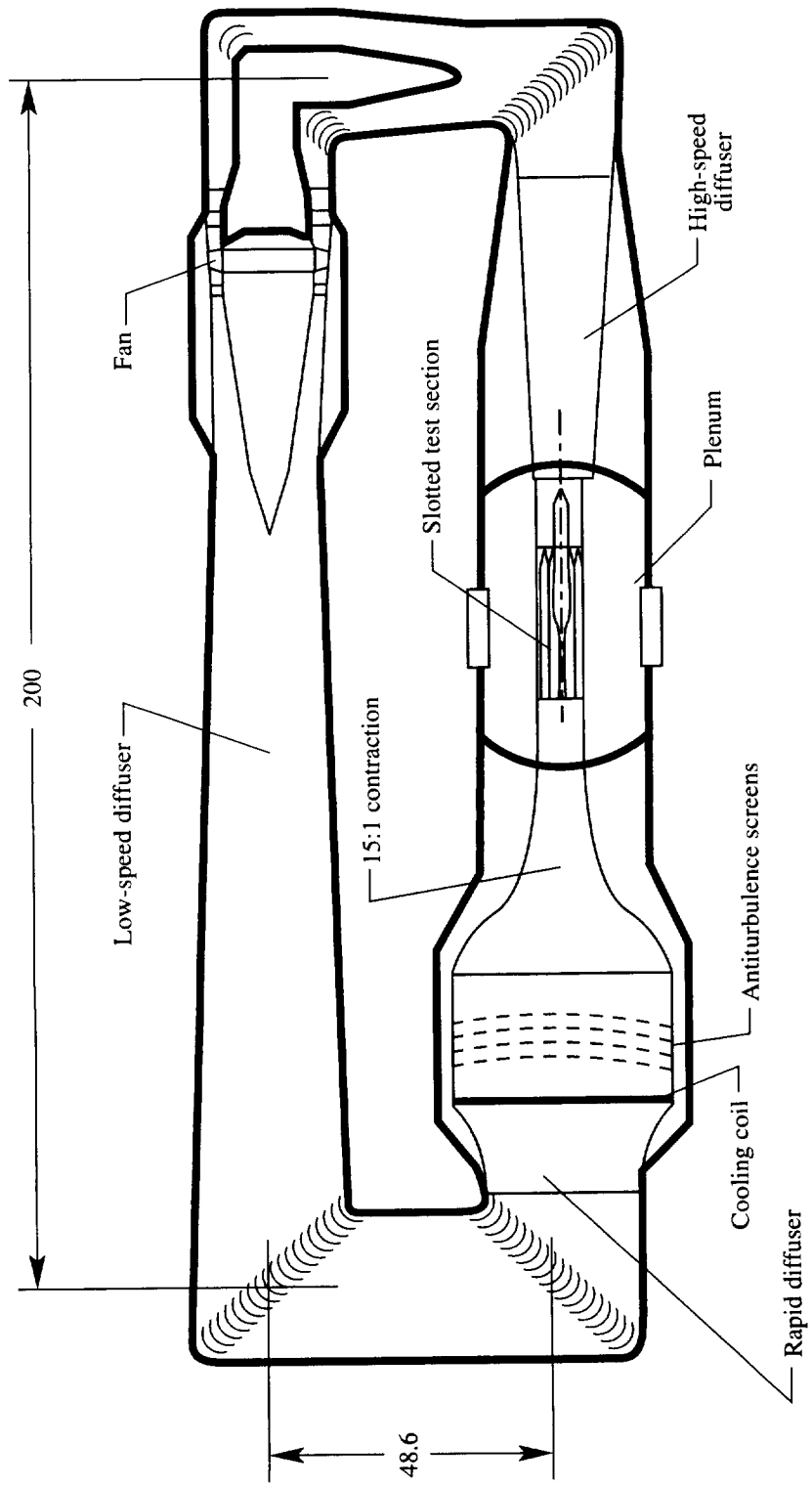
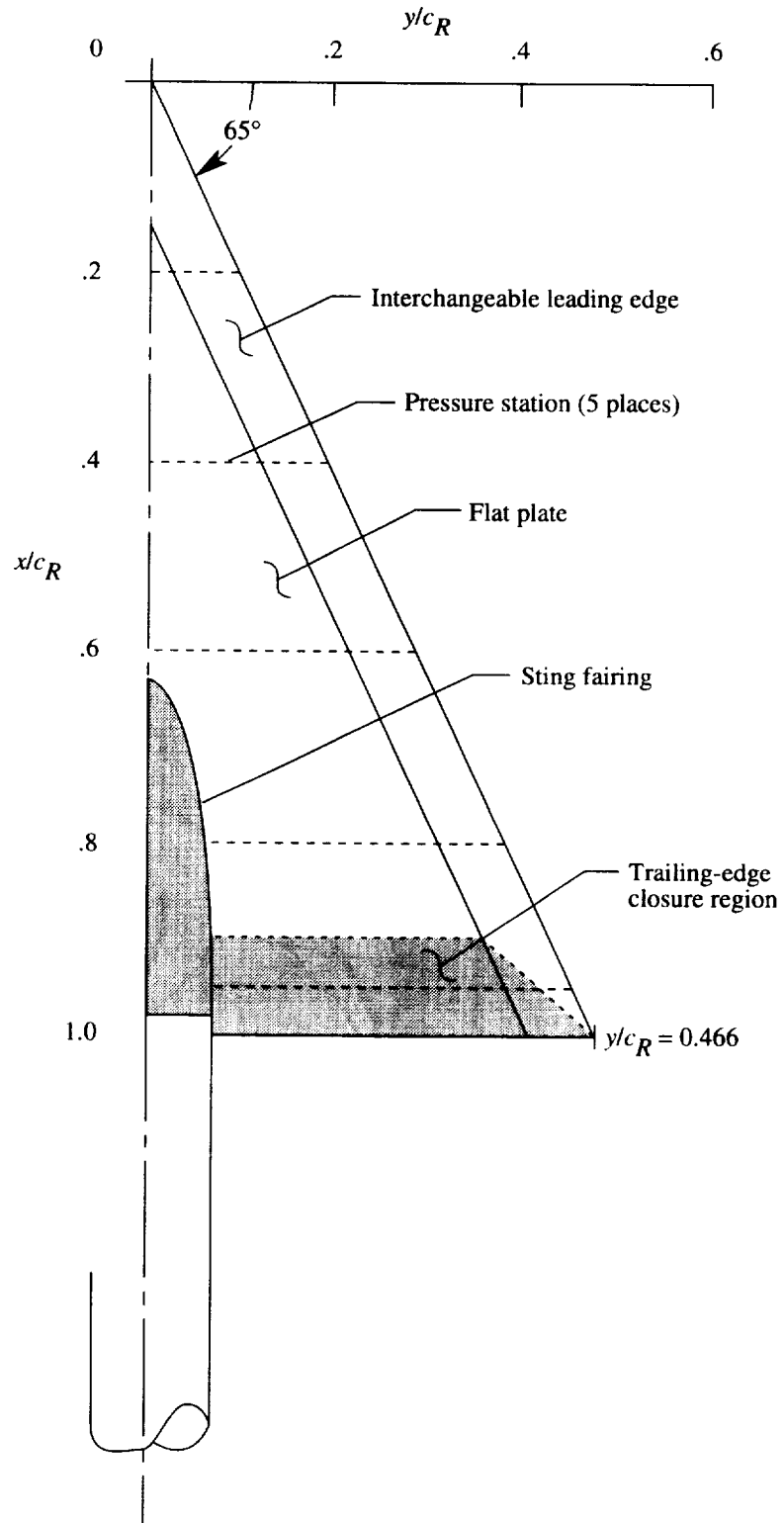
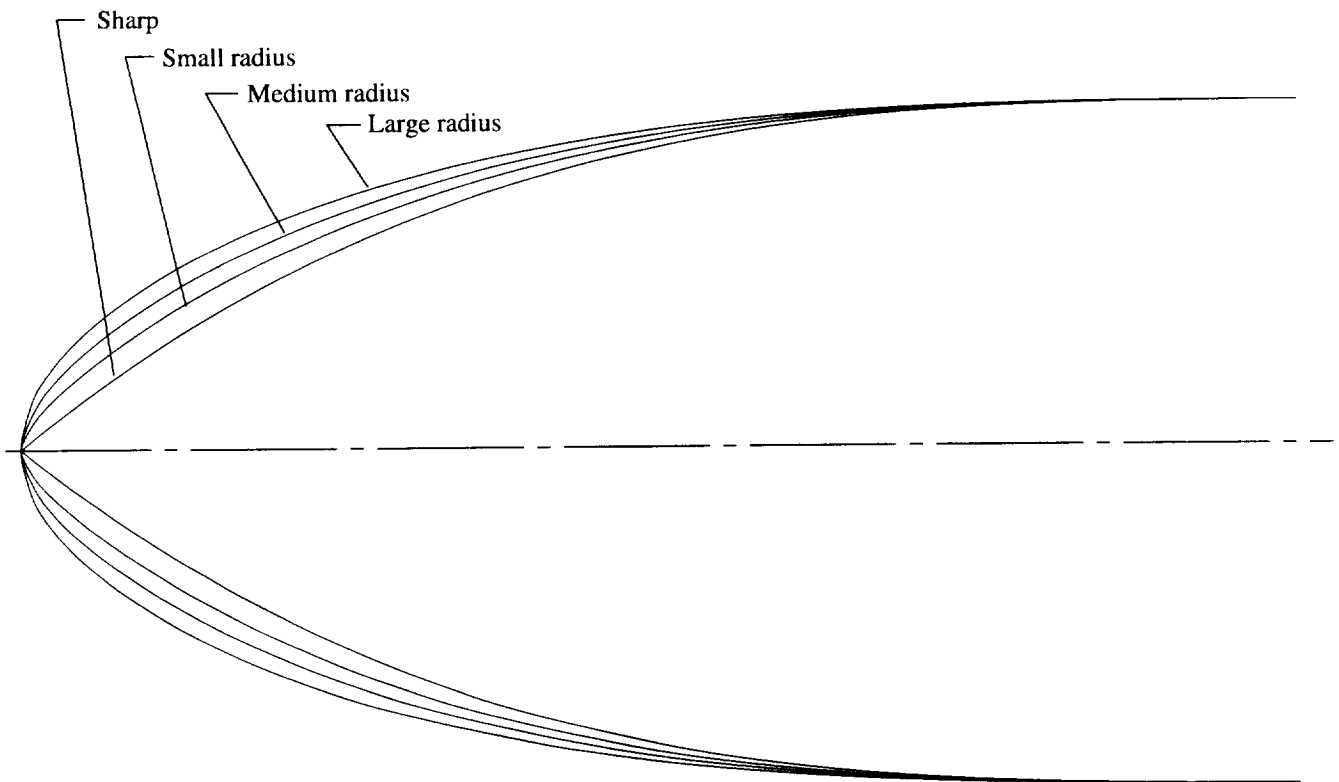


Figure 1. Langley National Transonic Facility circuit. Linear dimensions are in feet.



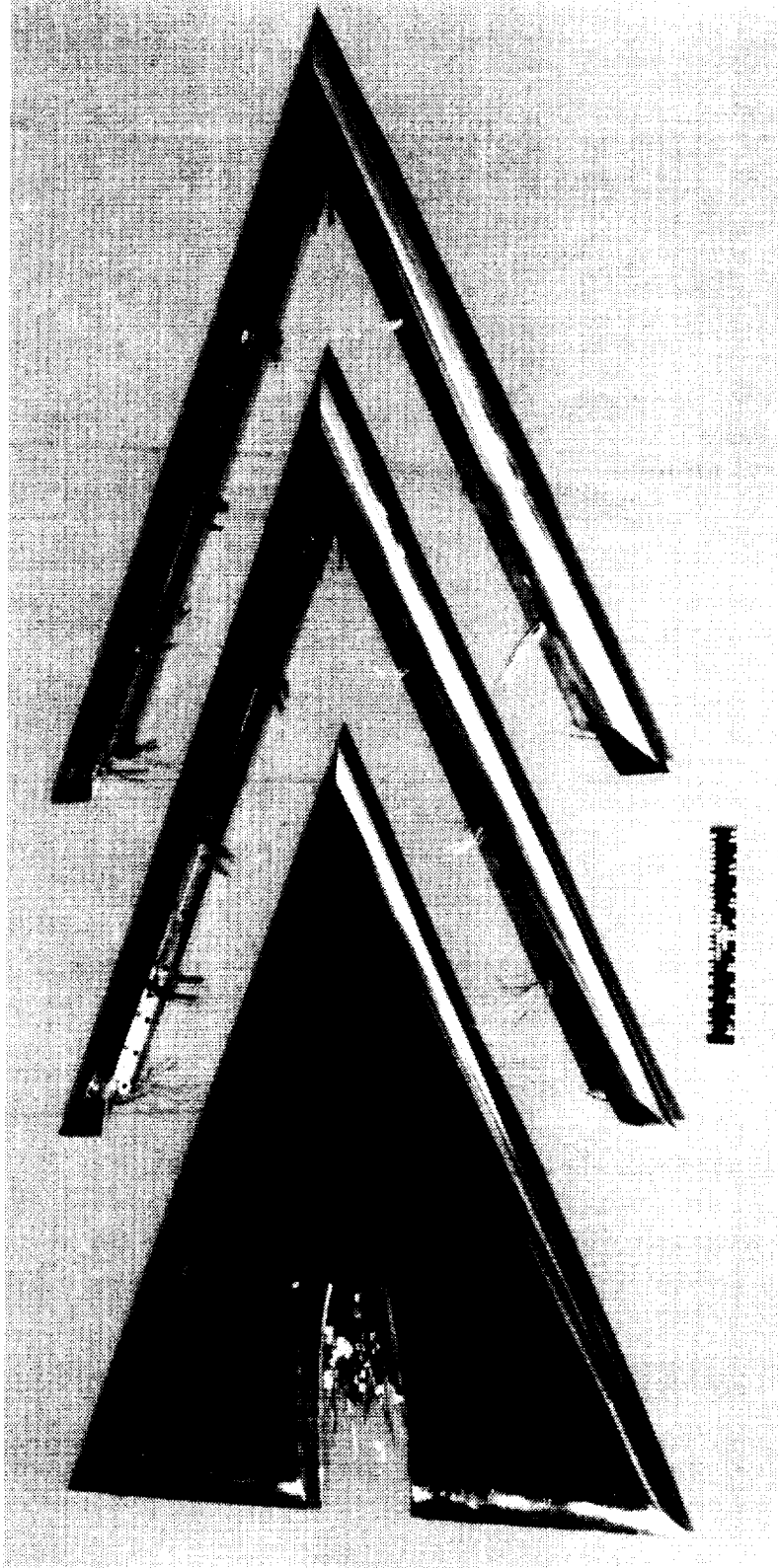
(a) Model configuration.

Figure 2. Delta wing model.



(b) Streamwise leading-edge contours (not to scale).

Figure 2. Continued.



L-88-9911

(c) Model with three leading-edge sets.

Figure 2. Concluded.

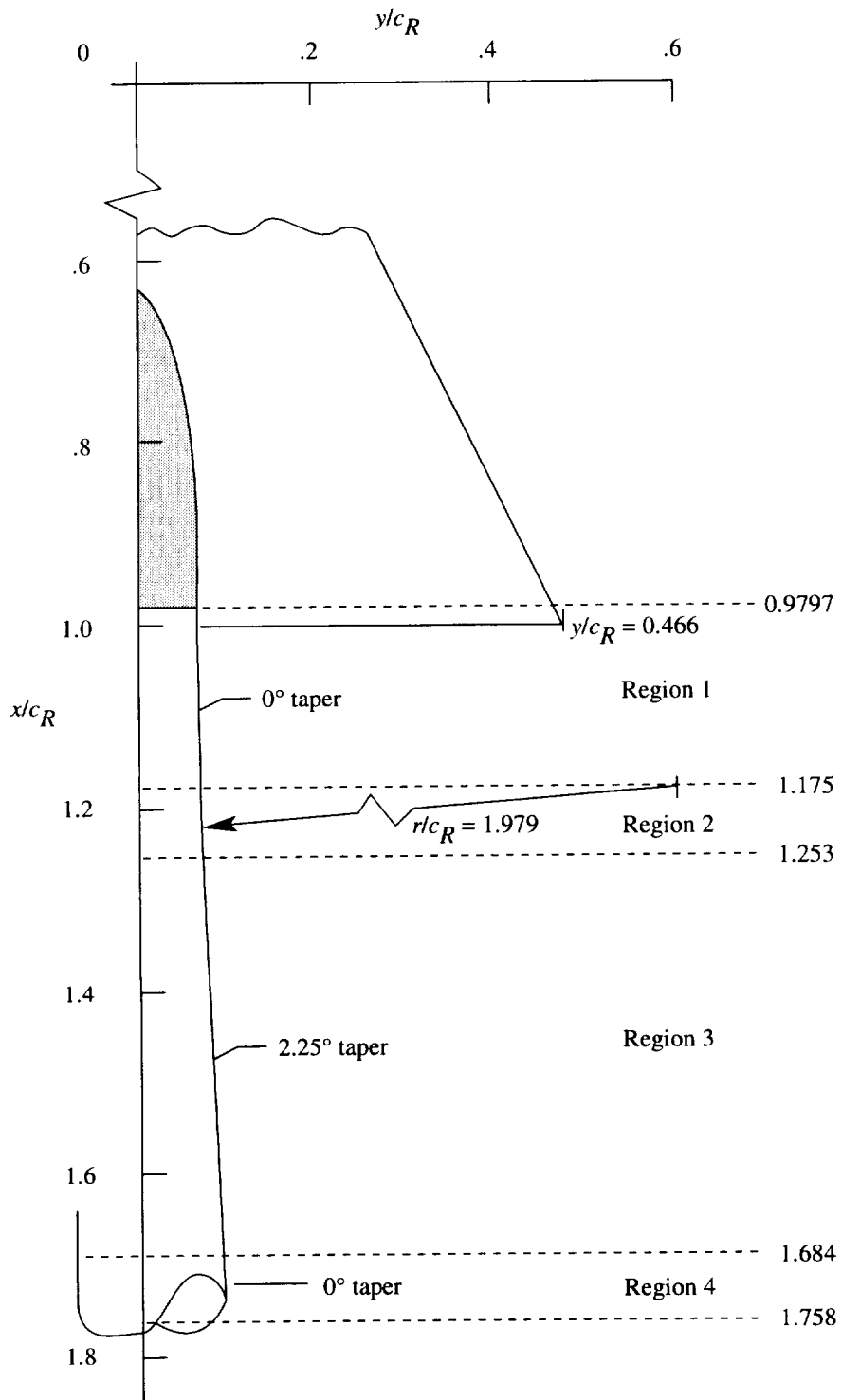
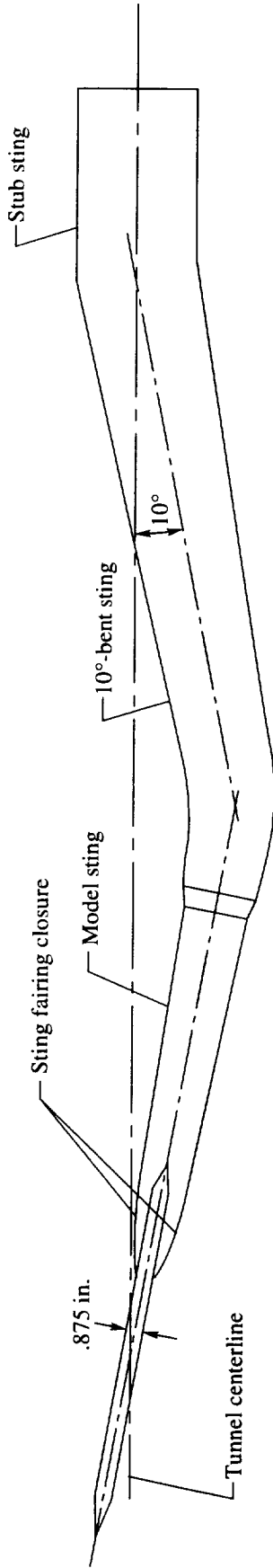
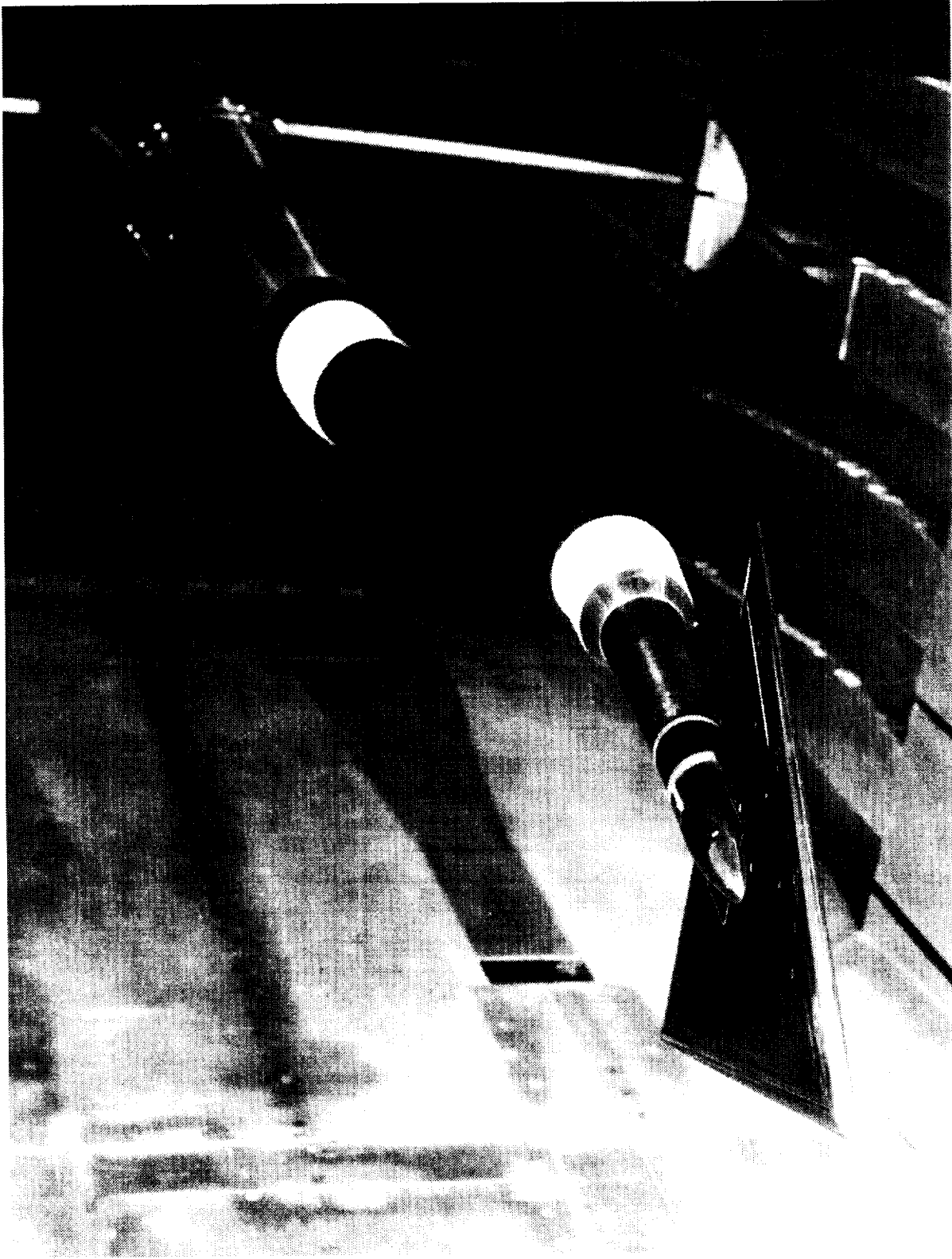


Figure 3. Delta wing model fore-sting detail.



(a) Model and sting system profile.

Figure 4. The 65° delta wing model assembly and support system.



L-91-6963

(b) Installation in Langley National Transonic Facility.

Figure 4. Concluded.

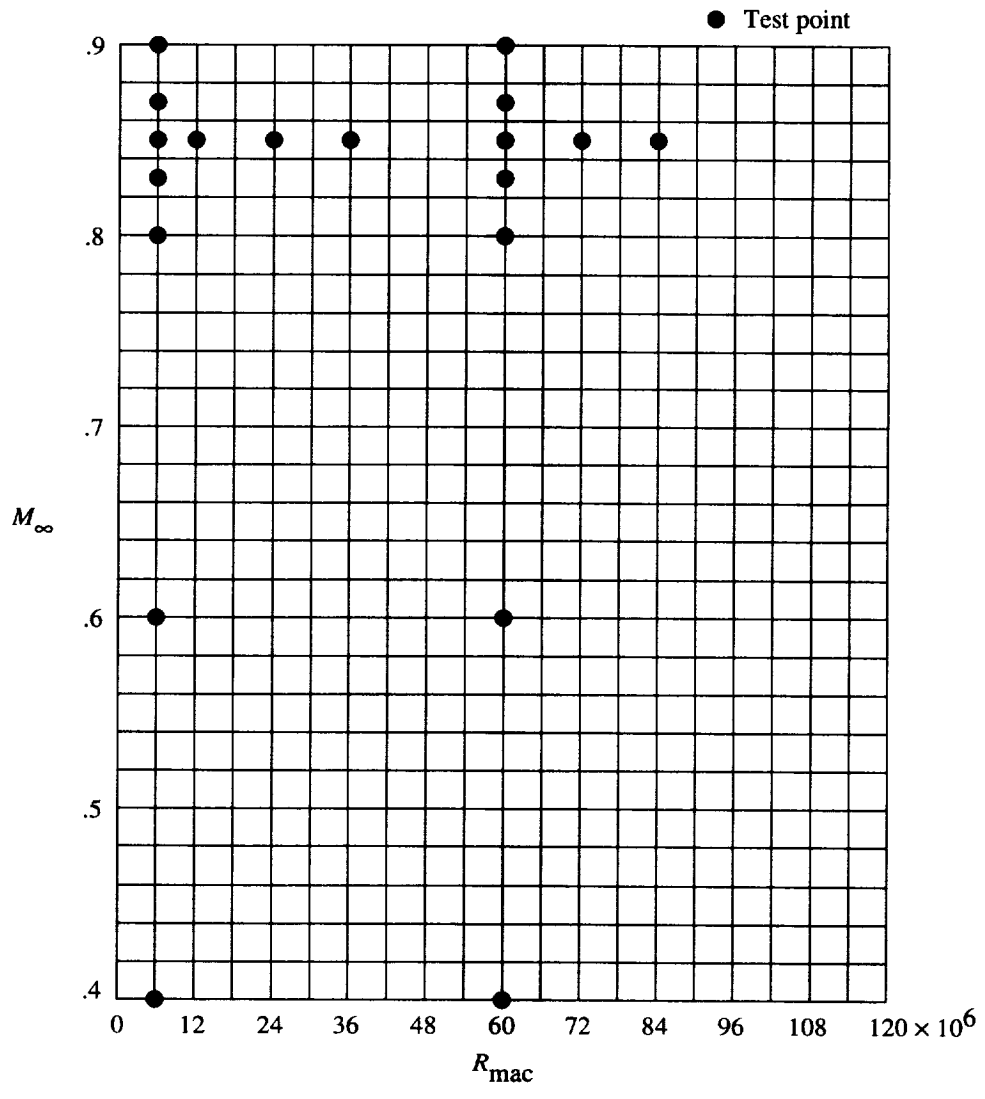
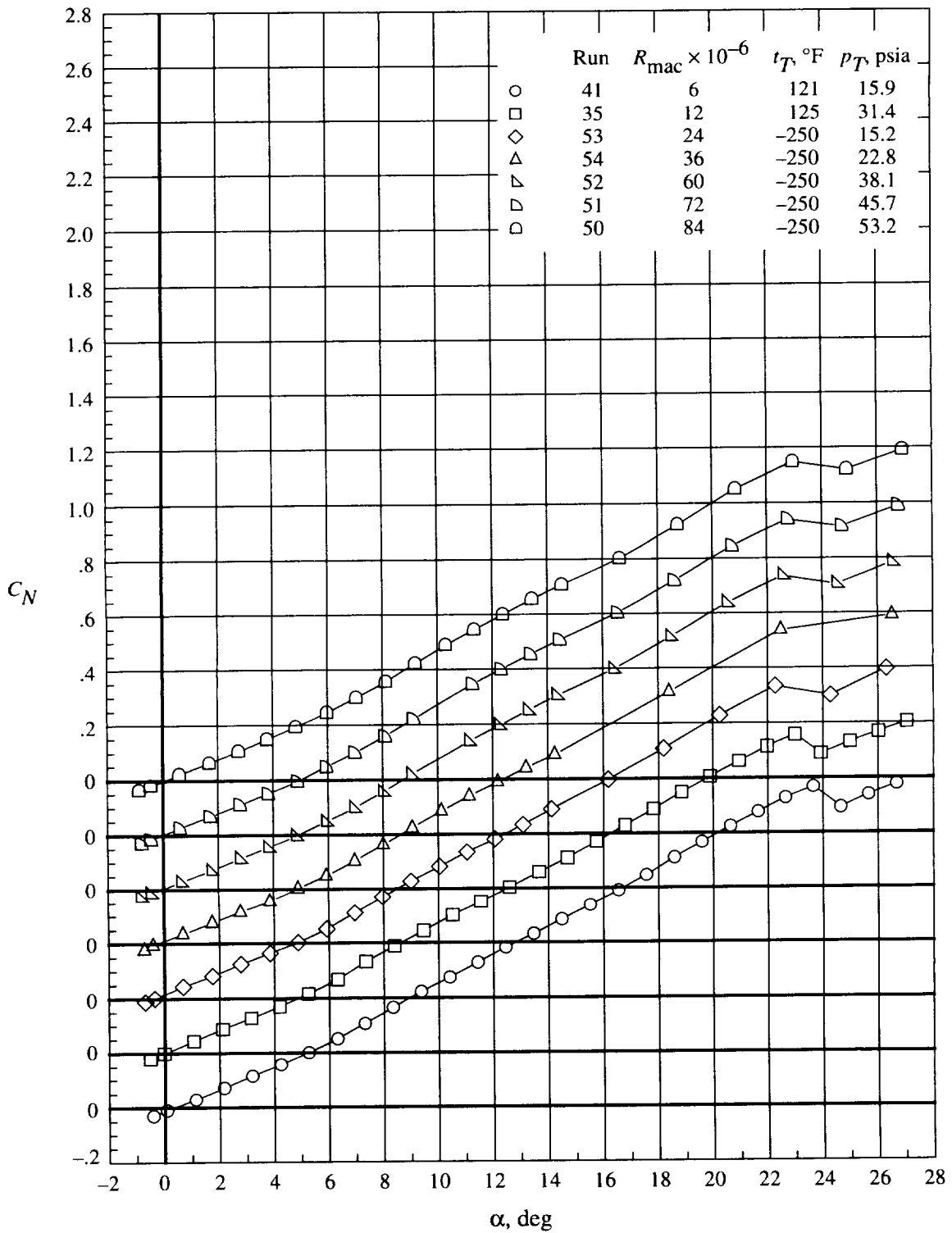
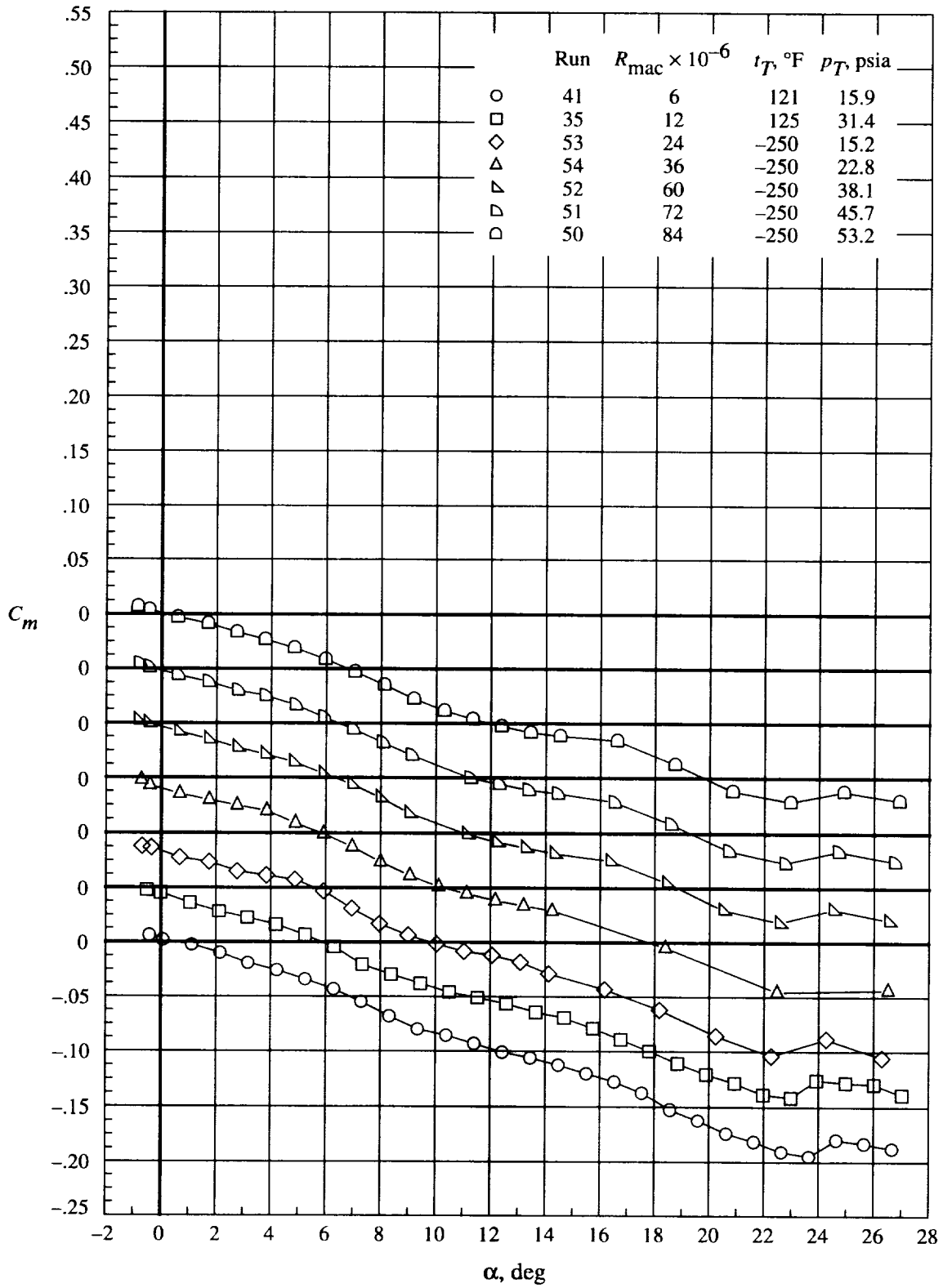


Figure 5. Test matrix for 65° delta wing with small-radius leading edge.



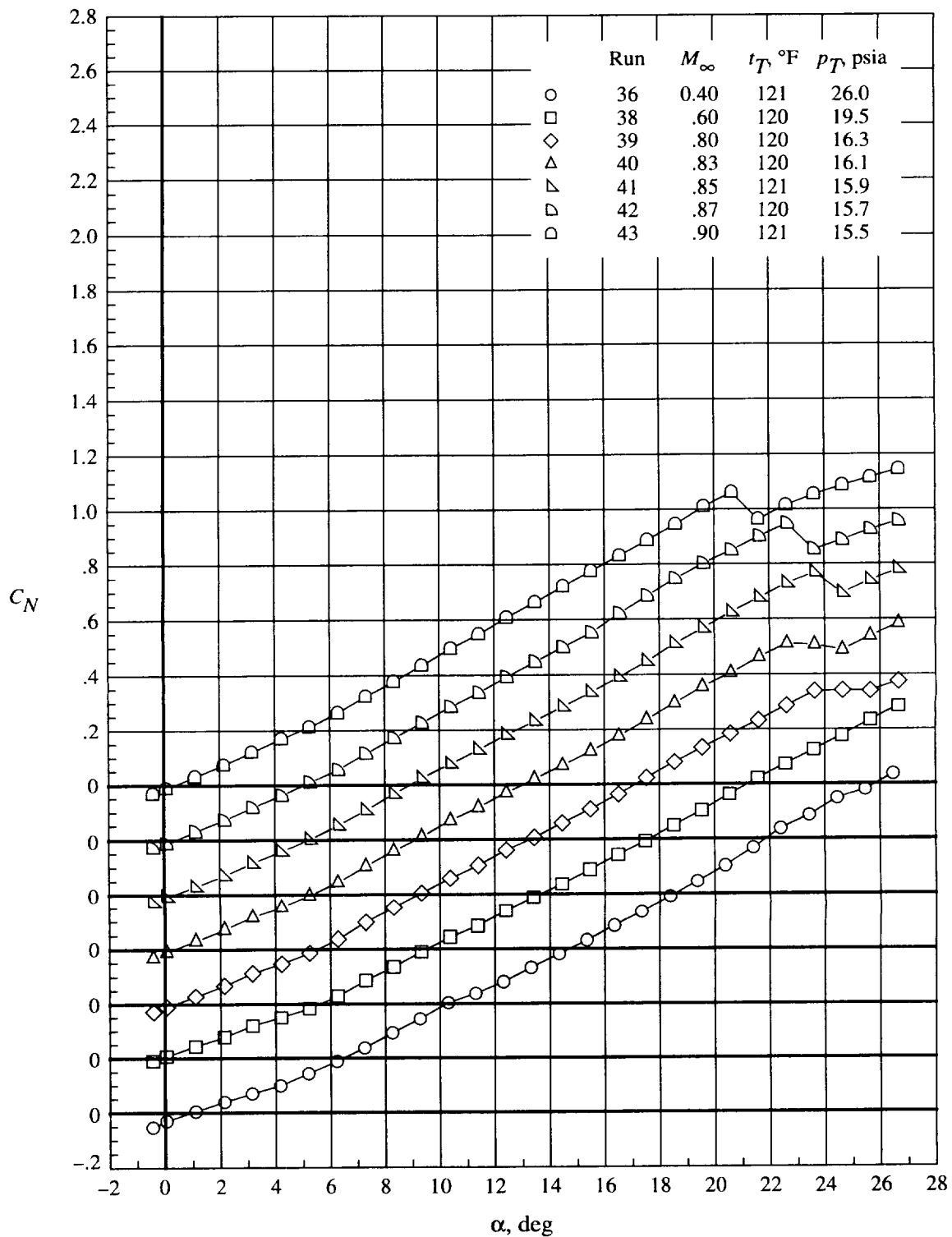
(a) C_N versus α .

Figure 6. Normal-force and pitching-moment coefficients at angles of attack for wing with small-radius leading edge. $M_\infty \approx 0.85$.



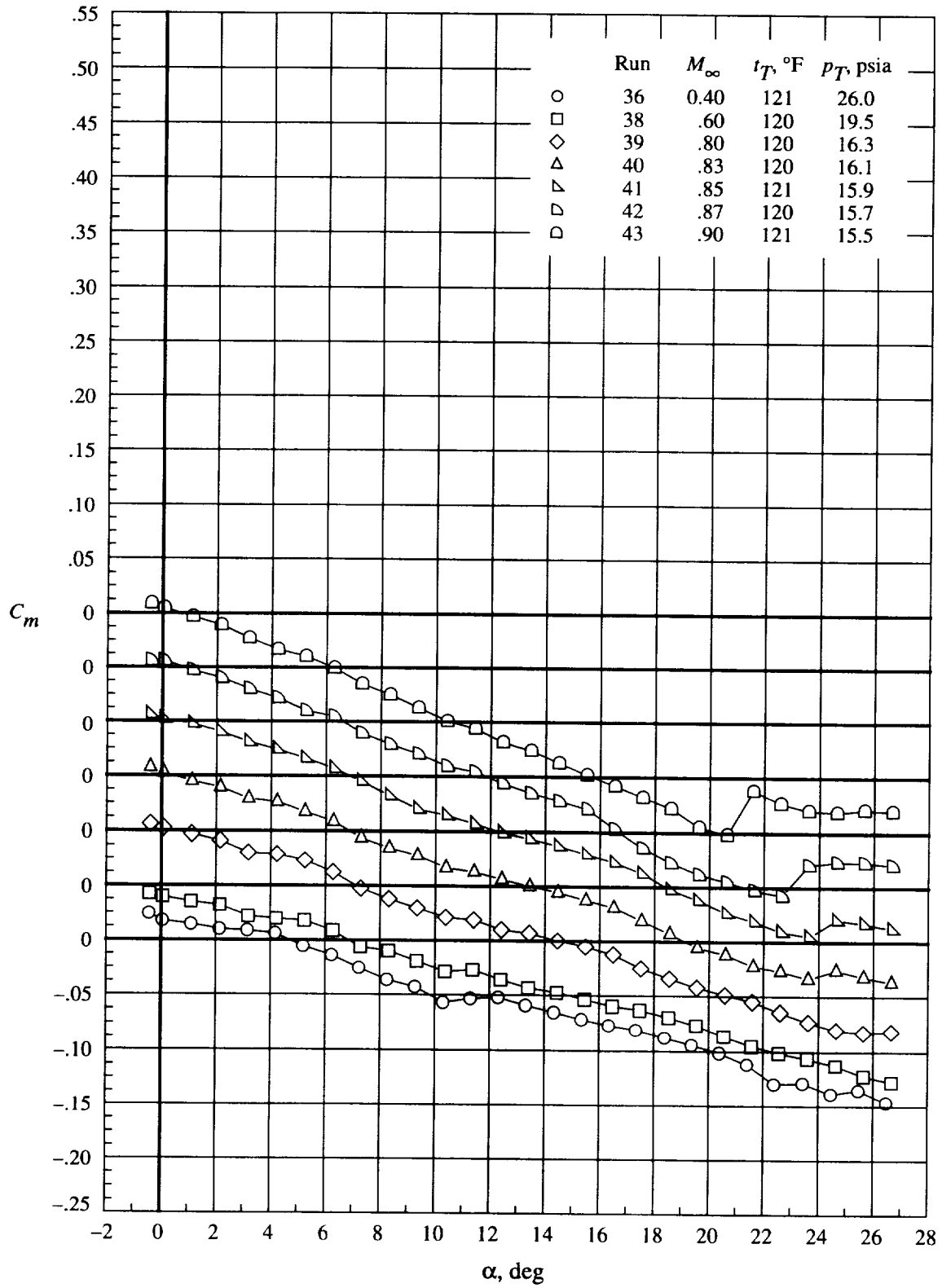
(b) C_m versus α .

Figure 6. Concluded.



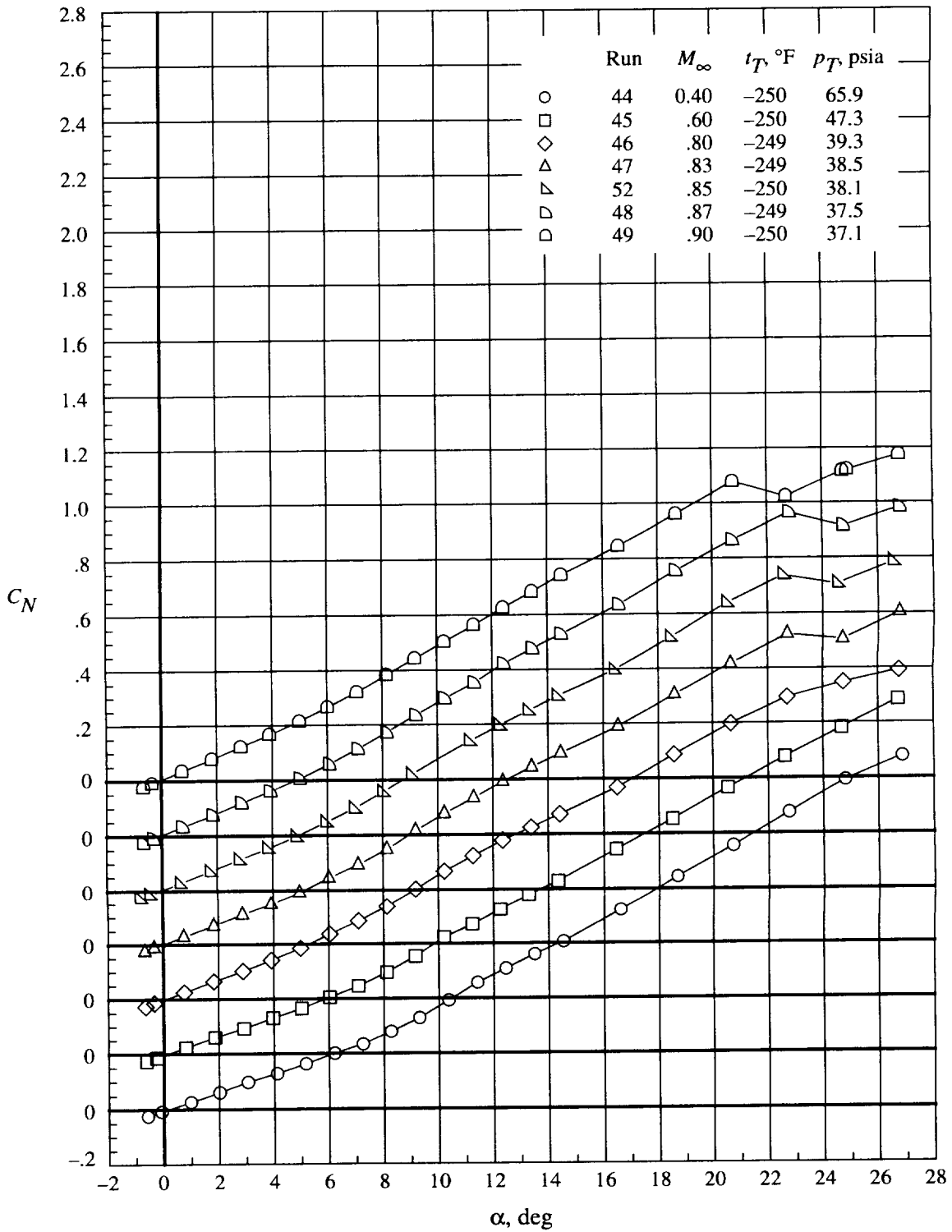
(a) C_N versus α .

Figure 7. Normal-force and pitching-moment coefficients at angles of attack for wing with small-radius leading edge. $R_{mac} \approx 6 \times 10^6$.



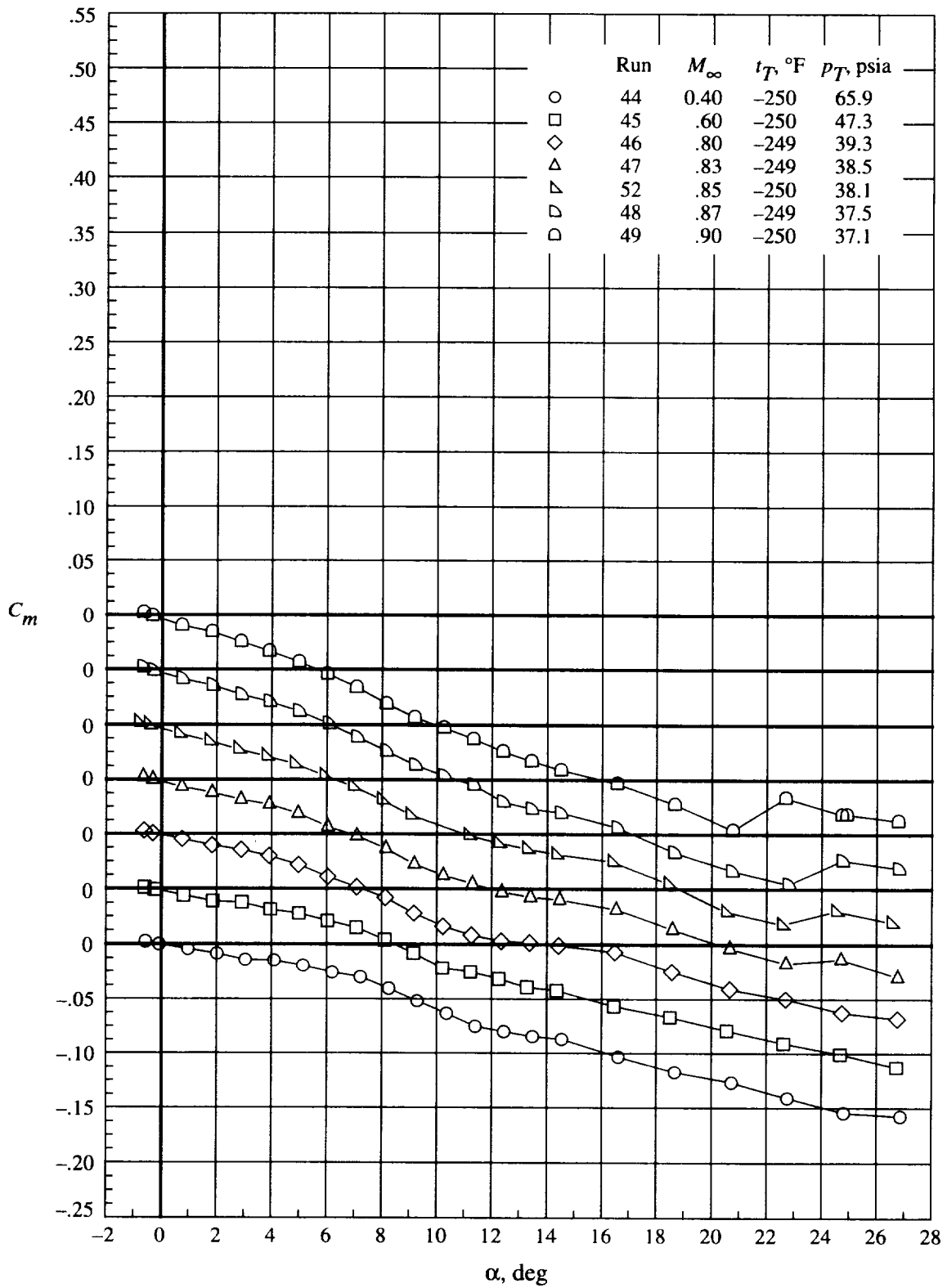
(b) C_m versus α .

Figure 7. Concluded.



(a) C_N versus α .

Figure 8. Normal-force and pitching-moment coefficients at angles of attack for wing with small-radius leading edge.
 $R_{mac} \approx 60 \times 10^6$.



(b) C_m versus α .

Figure 8. Concluded.

Appendix A

Delta Wing and Near-Field Sting Analytical Definition

General equations were used to define the leading-edge semithickness, the flat plate semithickness, the trailing-edge closure semithickness, and the transverse radius of the sting fairing. The equation ϕ defines the particular shape of interest (e.g., the leading-edge contour) and the equation ψ defines the boundary conditions (at $\xi = 1$) for ϕ . Details are as follows:

$$\xi = (x - x_0)/x_1 \quad (\text{A1})$$

$$\phi(\xi) = \pm x_1 \left(a\sqrt{\xi} + b\xi + c\xi^2 + d\xi^3 \right) \quad (0 \leq \xi \leq 1) \quad (\text{A2})$$

$$\psi(\xi) = \pm x_1 \left[\frac{l}{x_1} + m(\xi - 1) + \frac{nx_1}{2}(\xi - 1)^2 \right] \quad (1 \leq \xi) \quad (\text{A3})$$

The second-blending function ψ is defined such that

$$\psi|_{\xi=1} = l \quad \left. \frac{d\psi}{dx} \right|_{\xi=1} = m \quad \left. \frac{d^2\psi}{dx^2} \right|_{\xi=1} = n$$

The two functions ϕ and ψ are illustrated in figure A1 for the leading-edge semithickness case where $x_0 = x_{1e}$.

The general analytical expressions for the coefficients in equation (A2) follow:

$$\begin{aligned} a &= \sqrt{\frac{2r}{x_1}} \\ b &= -\frac{15}{8}a + 3\frac{l}{x_1} - 2m + \frac{nx_1}{2} \\ c &= \frac{5}{4}a - 3\frac{l}{x_1} + 3m - nx_1 \\ d &= -\frac{3}{8}a + \frac{l}{x_1} - m + \frac{nx_1}{2} \end{aligned}$$

With these expressions

$$\phi(1) = \psi(1) \quad \phi'(1) = \psi'(1) \quad \phi''(1) = \psi''(1)$$

and the leading-edge radius at $\xi = 0$ is r . Curvature is also continuous at $\xi = 1$.

For the delta wing model of this study, the flat plate part represented by ψ results in both m and n being zero. The reduced coefficients are

$$\begin{aligned} a &= \sqrt{\frac{2r}{x_1}} \\ b &= -\frac{15}{8}a + 3\frac{l}{x_1} \\ c &= \frac{5}{4}a - 3\frac{l}{x_1} \\ d &= -\frac{3}{8}a + \frac{l}{x_1} \end{aligned}$$

For a sharp leading edge, the radius $r = 0$ and the coefficients further reduce to

$$\begin{aligned} a &= 0 \\ b &= 3\frac{l}{x_1} \\ c &= -3\frac{l}{x_1} \\ d &= \frac{l}{x_1} \end{aligned}$$

Specific numerical values follow for the delta wing in subsequent discussions.

Leading Edges

The streamwise leading-edge contours are designed to give leading-edge radii of 0, 0.05, 0.15, and 0.30 percent of the mean aerodynamic chord and to match the flat plate wing at a streamwise distance of 15 percent of the root chord aft of the leading edge with continuity through the second derivative. The longitudinal coordinate of the leading edge is x_{1e} and the leading-edge contour is described by equation (A2), the coefficients in table A1, and the following definitions:

$$\begin{aligned} x_0 &= x_{1e} \\ x_1 &= 0.15 \end{aligned}$$

Flat Plate

The flat plate center part of the wing has a uniform thickness. The equation for the semithickness is as follows:

$$\begin{aligned} x_0 &= x_{1e} + 0.15 \\ x_1 &= 0.9 - x_0 \end{aligned}$$

$$\phi(\xi) = \pm 0.0170008 \quad (0 \leq \xi \leq 1)$$

Trailing-Edge Closure Region

The streamwise trailing-edge closure is designed to produce a sharp trailing edge and to match the flat plate wing at the 90-percent root chord station with continuity through the second derivative. The closure is described by equation (A2), the coefficients in table A2, and the following definitions:

$$x_0 = 1$$

$$x_1 = 0.10$$

Sting Fairing

The sting is a body of revolution and the sting fairing is designed to emerge from the wing slightly aft of the 60-percent root chord station and to match the constant-radius part of the sting slightly ahead of the wing trailing edge. The transverse radius of the sting fairing is

described by equation (A2), the coefficients in table A3, and the following definitions:

$$x_0 = 0.61057051$$

$$x_1 = 0.36916023$$

Fore-Sting

As shown in figure 3, the downstream continuation of the sting in the near field of the wing is referred to as the fore-sting. It can be subdivided into the four regions listed in table A4 for the purpose of defining the sting transverse radius ϕ . In region 2, the sting transverse radius increases by the radius of curvature equal to 1.979 from $x/c_R = 1.175$. (See fig. 3.) Beyond region 4, the actual sting geometry becomes more complex. For computational purposes, the sting could be either extended as is or closed out in a convenient fashion.

Table A1. Leading-Edge Coefficients for Equation (A2)

r/\bar{c} , percent	a	b	c	d
0	0	$3d$	$-b$	0.1133386669
.05	0.06666666666667	0.21501600073802	-0.25668266740469	.08833866691267
.15	.11547005383792	.12350964979191	-.19567843344062	.07003739672345
.30	.16329931618554	.03382978289013	-.13589185550609	.05210142334309

Table A2. Trailing-Edge Coefficients for Equation (A2)

r/\bar{c} , percent	a	b	c	d
0	0	$3d$	$-b$	0.17000800036901

Table A3. Sting Fairing Coefficients for Equation (A2)

r/\bar{c} , percent	a	b	c	d
0.27910261994295	0.10040234847327	0.33279822819157	-0.39554969598736	0.13603332984884

Table A4. Fore-Sting Transverse Radius ϕ

Region	Taper, deg	x/c_R	ϕ
1	0	From 0.9797	0.06412
		To 1.175	0.06412
2		From 1.175	0.06412
		To 1.253	0.06564
3	2.25	From 1.253	0.06564
		To 1.684	0.08258
4	0	From 1.684	0.08258
		To 1.758	0.08258

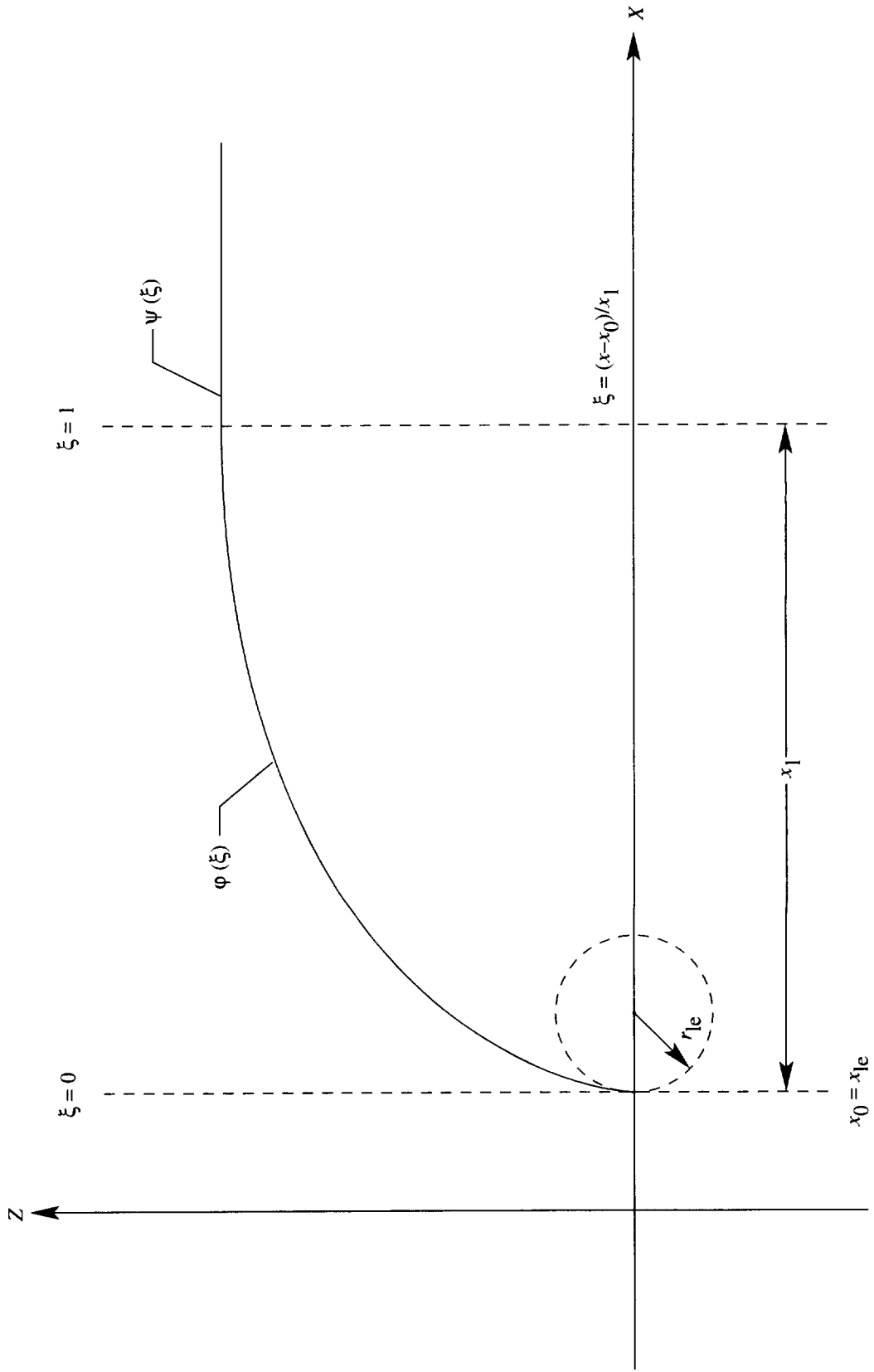


Figure A1. Delta wing semithickness functions.

Appendix B

Data Uncertainty

The uncertainties U of the measurements of the normal-force coefficient C_N , pitching-moment coefficient C_m , pressure coefficient C_p , and free-stream Mach number M_∞ depend on the uncertainties of their respective primary measurements.

The coefficients C_N , C_m , and C_p (Mach number is discussed separately) are derived by

$$C_N = \frac{F_N}{q_\infty S} \quad (\text{B1})$$

$$C_m = \frac{M_\gamma}{q_\infty S \bar{c}} \quad (\text{B2})$$

$$C_p = \frac{p - p_\infty}{q_\infty} \quad (\text{B3})$$

The primary measurements used to define these coefficients are the normal force F_N , pitching moment M_γ , surface local static pressure p , free-stream static pressure p_∞ , and free-stream total pressure p_T . The free-stream static pressure and the free-stream total pressure are used to compute the free-stream Mach number, which, in turn, is used to compute the free-stream dynamic pressure q_∞ .

The free-stream dynamic pressure that accounts for the compressibility effect in high-speed flow is defined as

$$q_\infty = \frac{1}{2} \gamma p_\infty M_\infty^2 \quad (\text{B4})$$

where γ denotes the ratio of specific heats. Substitutions for the dynamic pressure in the normal-force, pitching-moment, and pressure coefficient equations (B1), (B2), and (B3), respectively, give

$$C_N = \frac{F_N}{\frac{1}{2} \gamma p_\infty M_\infty^2 S} \quad (\text{B5})$$

$$C_m = \frac{M_\gamma}{\frac{1}{2} \gamma p_\infty M_\infty^2 S \bar{c}} \quad (\text{B6})$$

$$C_p = \frac{p - p_\infty}{\frac{1}{2} \gamma p_\infty M_\infty^2} \quad (\text{B7})$$

The Mach number, which is not a primary measurement, is derived from the free-stream static and total pressures and the ratio of specific heats. Thus,

$$M_\infty = \left\{ \frac{2}{\gamma - 1} \left[\left(\frac{p_\infty}{p_T} \right)^{-(\gamma - 1)/\gamma} - 1 \right] \right\}^{1/2} \quad (\text{B8})$$

The coefficients are then functions of the following measured variables: the normal force, the pitching moment, the local pressure, the free-stream static pressure, and the free-stream Mach number; the Mach number is a function of the free-stream static pressure and the free-stream total pressure (i.e., stagnation pressure). The uncertainties $U(\cdot)$ of these primary measured variables are presented in table B1.

Table B1. Data Uncertainties

Variable	Uncertainty
$U(F_N)$, lbf	<24.0
$U(M_\gamma)$, in-lbf	<46.8
$U(p)$, lbf/in ²	<0.03
$U(p_T)$, lbf/in ²	<0.01
$U(p_\infty)$, lbf/in ²	<0.02

The probability of the value of each uncertainty being correct is assumed to be the same. From reference 17, the uncertainty for each of the coefficients of equations (B5)–(B8) with the same probability is

$$U(C_N) = \left\{ \left[\frac{\partial C_N}{\partial F_N} U(F_N) \right]^2 + \left[\frac{\partial C_N}{\partial p_\infty} U(p_\infty) \right]^2 + \left[\frac{\partial C_N}{\partial M_\infty} U(M_\infty) \right]^2 \right\}^{1/2} \quad (\text{B9})$$

$$U(C_m) = \left\{ \left[\frac{\partial C_m}{\partial M_\gamma} U(M_\gamma) \right]^2 + \left[\frac{\partial C_m}{\partial p_\infty} U(p_\infty) \right]^2 + \left[\frac{\partial C_m}{\partial M_\infty} U(M_\infty) \right]^2 \right\}^{1/2} \quad (\text{B10})$$

$$U(C_p) = \left\{ \left[\frac{\partial C_p}{\partial p} U(p) \right]^2 + \left[\frac{\partial C_p}{\partial p_\infty} U(p_\infty) \right]^2 + \left[\frac{\partial C_p}{\partial M_\infty} U(M_\infty) \right]^2 \right\}^{1/2} \quad (\text{B11})$$

$$U(M_\infty) = \left\{ \left[\frac{\partial M_\infty}{\partial p_\infty} U(p_\infty) \right]^2 + \left[\frac{\partial M_\infty}{\partial p_T} U(p_T) \right]^2 \right\}^{1/2} \quad (\text{B12})$$

Equations (B5)–(B8) are used to obtain the sensitivity of the derived quantity with respect to each of the primary measurements. The uncertainty in Mach number is first determined with the nominal wind tunnel static and total pressures for representative Reynolds and Mach numbers. The sensitivity factors (i.e., quantities in partial derivatives) change as the values of the primary measure-

ments change based on test Reynolds and Mach numbers. The contributions of the static pressure and total pressure measurement to the calculated uncertainty in Mach number, normal-force coefficient, pitching-moment coefficient, and pressure coefficient are listed in tables B2–B5.

Table B2. Contribution of Primary Measurements to Mach Number Uncertainty

M_∞	R_{mac}	p_T , psia	t_T , °F	$\frac{\partial M_\infty}{\partial p_\infty} U(p_\infty)$	$\frac{\partial M_\infty}{\partial p_T} U(p_T)$	$U(M_\infty)$
0.40	6×10^6	66	120	-0.0004	0.0002	0.0005
.60	6	19.5	120	-.0003	.0002	.0003
.85	120	76	-250	-.0002	.0001	.0003
.90	6	15.5	120	-.0003	.0001	.0003

Table B3. Contribution of Primary Measurements to Normal-Force Coefficient Uncertainty

M_∞	R_{mac}	p_T , psia	t_T , °F	α , deg	$\frac{\partial C_N}{\partial F_N} U(F_N)$	$\frac{\partial C_N}{\partial p_\infty} U(p_\infty)$	$\frac{\partial C_N}{\partial M_\infty} U(M_\infty)$	$U(C_N)$
0.40	6×10^6	66.0	120	4.84	0.01187	-0.00003	0.00037	0.0119
				9.95	0.01189	-0.00008	-0.00080	0.0119
				20.17	0.01189	-0.00019	-0.00202	0.0121
0.60	6×10^6	19.5	120	4.99	0.02020	-0.00004	-0.00019	0.0202
				10.14	0.02020	-0.00009	-0.00045	0.0202
				20.26	0.02021	-0.00022	-0.00106	0.0202
0.85	120×10^6	76.0	-250	4.95	0.00323	-0.00005	-0.00012	0.0032
				10.34	0.00322	-0.00012	-0.00030	0.0032
				14.57	0.00323	-0.00017	-0.00044	0.0033
0.90	6×10^6	15.5	120	5.06	0.01501	-0.00007	-0.00015	0.0150
				10.20	0.01500	-0.00016	-0.00034	0.0150
				20.33	0.01503	-0.00034	-0.00074	0.0150

Table B4. Contribution of Primary Measurements to Pitching-Moment Coefficient Uncertainty

M_∞	R_{mac}	p_T , psia	t_T , °F	α , deg	$\frac{\partial C_m}{\partial M_\gamma} U(M_\gamma)$	$\frac{\partial C_m}{\partial p_\infty} U(p_\infty)$	$\frac{\partial C_m}{\partial M_\infty} U(M_\infty)$	$U(C_m)$
0.40	6×10^6	66.0	120	4.84	0.00000	0.00000	0.00005	0.0000
				9.95	0.00000	0.00001	0.00012	0.0001
				20.17	0.00000	0.00003	0.00027	0.0003
0.60	6×10^6	19.5	120	4.99	0.00000	0.00001	0.00003	0.0000
				10.14	0.00000	0.00001	0.00007	0.0001
				20.26	0.00000	0.00003	0.00014	0.0001
0.85	120×10^6	76.0	-250	4.95	0.00000	0.00001	0.00002	0.0000
				10.34	0.00000	0.00002	0.00005	0.0001
				14.57	0.00000	0.00003	0.00006	0.0001
0.90	6×10^6	15.5	120	5.06	0.00000	0.00001	0.00003	0.0000
				10.20	0.00000	0.00003	0.00007	0.0001
				20.33	0.00000	0.00007	0.00015	0.0002

Table B5. Contribution of Primary Measurements to Pressure Coefficient Uncertainty

M_∞	R_{mac}	p_T , psia	t_T , °F	α , deg	$\frac{\partial C_p}{\partial p} U(p)$	$\frac{\partial C_p}{\partial p_\infty} U(p_\infty)$	$\frac{\partial C_p}{\partial M_\infty} U(M_\infty)$	$U(C_p)$
0.40	6×10^6	66.0	120	4.84	0.00458	0.00001	0.01066	0.0116
				9.95	0.00459	0.00002	0.01077	0.0117
				20.17	0.00459	0.00007	0.01101	0.0119
0.60	6×10^6	19.5	120	4.99	0.00780	0.00002	0.00231	0.0081
				10.14	0.00780	0.00005	0.00238	0.0082
				20.26	0.00780	0.00010	0.00249	0.0082
0.85	120×10^6	76.0	-250	4.95	0.00125	0.00000	0.00062	0.0014
				10.34	0.00124	0.00001	0.00062	0.0014
				14.57	0.00125	0.00001	0.00063	0.0014
0.90	6×10^6	15.5	120	5.06	0.00580	0.00002	0.00064	0.0058
				10.20	0.00579	0.00006	0.00068	0.0058
				20.33	0.00580	0.00007	0.00070	0.0058

Appendix C

Experimental Surface Pressure Data for 65° Delta Wing, $M_\infty = 0.85$

The experimental surface pressure data for the 65° delta wing at constant $M_\infty = 0.85$ are summarized in tables C1–C7. Because of the extensive data contained in these tables, they have not been included in the printed copy of the paper but are available electronically from the Langley Technical Report Server (LTRS). Open the files with the following Uniform Resource Locator (URL):

<ftp://techreports.larc.nasa.gov/pub/techreports/larc/96/NASA-96-tm4645vol2appC.ps.Z>

Appendix D

Experimental Surface Pressure Data for 65° Delta Wing, $R_{\text{mac}} = 6 \times 10^6$

The experimental surface pressure data for the 65° delta wing at constant $R_{\text{mac}} = 6 \times 10^6$ are summarized in tables D1–D6. Because of the extensive data contained in these tables, they have not been included in the printed copy of the paper but are available electronically from the Langley Technical Report Server (LTRS). Open the files with the following Uniform Resource Locator (URL):

<ftp://techreports.larc.nasa.gov/pub/techreports/larc/96/NASA-96-tm4645vol2appD.ps.Z>

Appendix E

Experimental Surface Pressure Data for 65° Delta Wing, $R_{\text{mac}} = 60 \times 10^6$

The experimental surface pressure data for the 65° delta wing at constant $R_{\text{mac}} = 60 \times 10^6$ are summarized in tables E1–E6. Because of the extensive data contained in these tables, they have not been included in the printed copy of the paper but are available electronically from the Langley Technical Report Server (LTRS). Open the files with the following Uniform Resource Locator (URL):

<ftp://techreports.larc.nasa.gov/pub/techreports/larc/96/NASA-96-tm4645vol2appE.ps.Z>

References

1. Winter, H.: *Flow Phenomena on Plates and Airfoils of Short Span*. NACA TM-798, 1936.
2. Wilson, Herbert A.; and Lovell, J. Calvin: *Full-Scale Investigation of the Maximum Lift and Flow Characteristics of an Airplane Having Approximately Triangular Plan Form*. NACA RM L6K20, 1947.
3. Örnberg, Torsten: *A Note On the Flow Around Delta Wings*. KTH-Aero TN 38, Div. of Aeronautics, R. Inst. of Technology (Stockholm), 1954.
4. Lawford, J. A.: *Low-Speed Wind Tunnel Experiments on a Series of Sharp-Edged Delta Wings—Part II. Surface Flow Patterns and Boundary Layer Transition Measurements*. Tech. Note Aero. 2954, R. Aircr. Establ., Mar. 1964.
5. Hummel, Ing. Dietrich: *On the Vortex Formation Over a Slender Wing at Large Angles of Incidence. High Angle of Attack Aerodynamics*, AGARD-CP-247, Jan. 1979, pp. 15-1–15-17.
6. Vorropoulos, G.; and Wendt, J. F.: *Laser Velocimetry Study of Compressibility Effects on the Flow Field of a Delta Wing. Aerodynamics of Vortical Type Flows in Three Dimensions*, AGARD-CP-342, July 1983, pp. 9-1–9-13. (Available from DTIC as AD A135 157.)
7. Poisson-Quinton, P.: *Slender Wings for Civil and Military Aircraft*. *Israel J. Technol.*, vol. 16, no. 3, 1978, pp. 97–131.
8. Skow, A. M.; and Erickson, G. E.: *Modern Fighter Aircraft Design for High-Angle-of-Attack Maneuvering. High Angle-of-Attack Aerodynamics*, AGARD-LS-121, Dec. 1982, pp. 4-1–4-59.
9. Polhamus, E. C.: *Applying Slender Wing Benefits to Military Aircraft*. *J. Aircr.*, vol. 21, no. 8, Aug. 1984, pp. 545–559.
10. Polhamus, E. C.; and Gloss, B. B.: *Configuration Aerodynamics. High Reynolds Number Research*, NASA CP-2183, 1980, pp. 217–234.
11. Henderson, William P.: *Effects of Wing Leading-Edge Radius and Reynolds Number on Longitudinal Aerodynamic Characteristics of Highly Swept Wing-Body Configurations at Subsonic Speeds*. NASA TN D-8361, 1976.
12. Howe, J. T.: *Some Fluid Mechanical Problems Related to Subsonic and Supersonic Aircraft*. NASA SP-183, 1969.
13. Henderson, William P.: *Studies of Various Factors Affecting Drag Due to Lift at Subsonic Speeds*. NASA TN D-3584, 1966.
14. Fuller, Dennis E.: *Guide for Users of the National Transonic Facility*. NASA TM-83124, 1981.
15. Plentovich, E. B.: *The Application to Airfoils of a Technique for Reducing Orifice-Induced Pressure Error at High Reynolds Numbers*. NASA TP-2537, 1986.
16. Hall, Robert M.; and Adcock, Jerry B.: *Simulation of Ideal-Gas Flow by Nitrogen and Other Selected Gases at Cryogenic Temperatures*. NASA TP-1901, 1981.
17. Holman, Jack Philip: *Experimental Methods for Engineers*. 4th ed., McGraw-Hill Book Co., 1984, pp. 46–99.
18. Foster, Jean M.; and Adcock, Jerry B.: *User's Guide for the National Transonic Facility Data System*. NASA TM-100511, 1987.

REPORT DOCUMENTATION PAGE			Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.				
1. AGENCY USE ONLY (Leave blank)	2. REPORT DATE February 1996	3. REPORT TYPE AND DATES COVERED Technical Memorandum		
4. TITLE AND SUBTITLE Experimental Surface Pressure Data Obtained on 65° Delta Wing Across Reynolds Number and Mach Number Ranges <i>Volume 2—Small-Radius Leading Edge</i>		5. FUNDING NUMBERS WU 505-59-54-01		
6. AUTHOR(S) Julio Chu and James M. Luckring				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) NASA Langley Research Center Hampton, VA 23681-0001		8. PERFORMING ORGANIZATION REPORT NUMBER L-17411B		
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) National Aeronautics and Space Administration Washington, DC 20546-0001		10. SPONSORING/MONITORING AGENCY REPORT NUMBER NASA TM-4645, Vol. 2		
11. SUPPLEMENTARY NOTES				
12a. DISTRIBUTION/AVAILABILITY STATEMENT Unclassified—Unlimited Subject Category 02 Availability: NASA CASI (301) 621-0390		12b. DISTRIBUTION CODE		
13. ABSTRACT (Maximum 200 words) An experimental wind tunnel test of a 65° delta wing model with interchangeable leading edges was conducted in the Langley National Transonic Facility (NTF). The objective was to investigate the effects of Reynolds and Mach numbers on slender-wing leading-edge vortex flows with four values of wing leading-edge bluntness. Experimentally obtained pressure data are presented without analysis in tabulated and graphical formats across a Reynolds number range of 6×10^6 to 84×10^6 at a Mach number of 0.85 and across a Mach number range of 0.4 to 0.9 at Reynolds numbers of 6×10^6 and 60×10^6 . Normal-force and pitching-moment coefficient plots for these Reynolds number and Mach number ranges are also presented.				
14. SUBJECT TERMS Aerodynamics; Delta wing; Reynolds number; Leading-edge bluntness; Vortex flow; Cryogenic testing			15. NUMBER OF PAGES 31	
			16. PRICE CODE A03	
17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT Unclassified	20. LIMITATION OF ABSTRACT	

Appendix C

Experimental Surface Pressure Data for 65° Delta Wing, $M_\infty = 0.85$

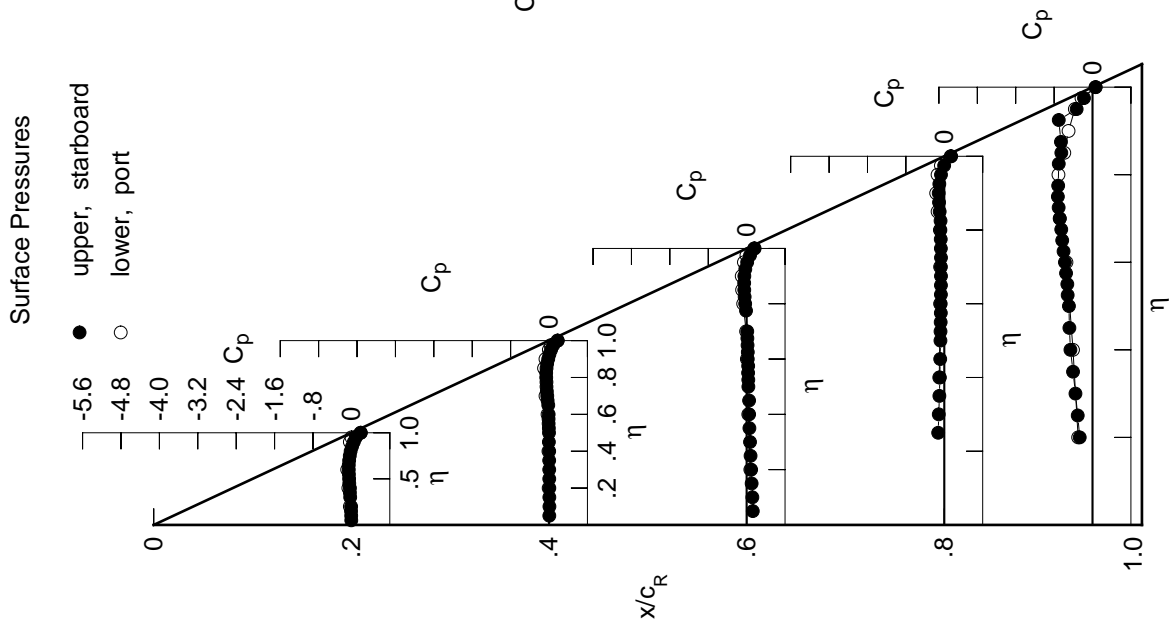
The experimental surface pressure data for the 65° delta wing at constant $M_\infty = 0.85$ are summarized in tables C1–C7. Because of the extensive data contained in these tables, they have not been included in the printed copy of the paper but are available electronically from the Langley Technical Report Server (LTRS). Open the files with the following Uniform Resource Locator (URL):

<ftp://techreports.larc.nasa.gov/pub/techreports/larc/96/NASA-96-tm4645vol2appC.ps.Z>

Table C1. Tabulations and Plots of Surface Pressure Coefficients.

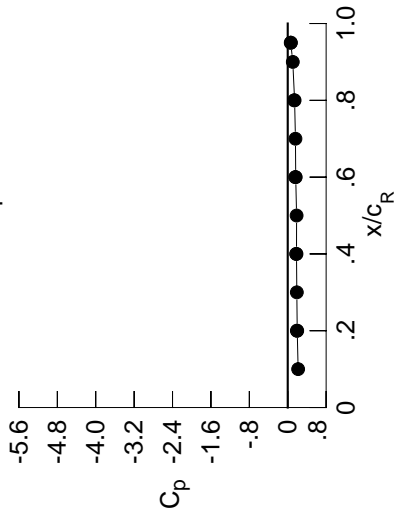
η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0023	0.0055	0.1282	*****	*****	*****	*****	*****	*****	
0.100	-0.0037	0.0078	0.1195	*****	*****	*****	*****	*****	*****	
0.150	-0.0074	0.0062	0.1038	*****	*****	*****	*****	*****	*****	
0.200	-0.0057	0.0067	0.0935	*****	*****	*****	*****	*****	*****	
0.250	*****	0.0048	0.0818	-0.1271	-0.3080	*****	*****	*****	*****	
0.300	-0.0251	0.0040	0.0705	-0.1150	-0.3551	*****	*****	*****	*****	
0.350	-0.0312	0.0032	0.0580	-0.1021	-0.4054	*****	*****	*****	*****	
0.400	-0.0308	0.0035	0.0516	-0.0922	-0.4597	*****	*****	*****	*****	
0.450	-0.0444	-0.0030	0.0511	-0.0852	-0.4816	*****	*****	*****	*****	
0.500	-0.0474	-0.0005	0.0359	-0.0804	-0.4913	*****	*****	*****	*****	
0.525	*****	-0.0041	0.0345	-0.0785	-0.5178	*****	*****	*****	*****	
0.550	-0.0520	-0.0084	0.0307	-0.0752	-0.5245	*****	*****	*****	*****	
0.575	*****	-0.0093	0.0320	-0.0718	-0.5511	*****	*****	*****	*****	
0.600	-0.0544	-0.0079	0.0233	-0.0748	-0.5745	*****	*****	*****	*****	
0.625	*****	*****	0.0237	-0.0706	-0.6035	*****	*****	*****	*****	
0.650	-0.0541	-0.0158	0.0196	-0.0693	-0.6312	*****	*****	*****	*****	
0.675	*****	-0.0293	0.0155	-0.0690	-0.6515	*****	*****	*****	*****	
0.700	-0.0464	-0.0371	0.0126	-0.0704	-0.6829	*****	*****	*****	*****	
0.725	*****	-0.0457	*****	-0.0691	-0.7055	*****	*****	*****	*****	
0.750	-0.0334	-0.0530	*****	-0.0713	-0.7219	*****	*****	*****	*****	
0.775	*****	-0.0533	-0.0131	-0.0734	-0.7149	*****	*****	*****	*****	
0.800	-0.0157	-0.0585	-0.0302	-0.0805	*****	*****	*****	*****	*****	
0.825	*****	-0.0590	-0.0419	-0.0779	-0.7031	*****	*****	*****	*****	
0.850	0.0130	-0.0520	-0.0493	-0.0961	-0.6495	*****	*****	*****	*****	
0.875	*****	-0.0396	-0.0513	-0.1100	-0.6576	*****	*****	*****	*****	
0.900	0.0506	-0.0169	-0.0482	-0.1166	*****	*****	*****	*****	*****	
0.925	*****	0.0072	-0.0277	-0.1029	-0.7031	*****	*****	*****	*****	
0.950	0.0936	0.0428	0.0110	-0.0691	-0.3301	*****	*****	*****	*****	
0.975	*****	0.0880	0.0703	-0.0021	-0.1773	*****	*****	*****	*****	
1.000	0.1978	0.1827	0.1663	0.1429	0.0625	*****	*****	*****	*****	
$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.200	-0.0318	-0.0084	0.0768	*****	-0.2995	*****	*****	*****	*****	
-0.400	-0.0633	-0.0120	0.0342	-0.1049	-0.4066	*****	*****	*****	*****	
-0.600	-0.0875	-0.0314	0.0047	-0.0869	-0.5434	*****	*****	*****	*****	
-0.700	*****	-0.0735	-0.0114	-0.0873	-0.6815	*****	*****	*****	*****	
-0.800	*****	*****	-0.0722	-0.0914	-0.7097	*****	*****	*****	*****	
-0.850	*****	-0.1042	-0.0941	-0.1394	-0.5883	*****	*****	*****	*****	
-0.900	-0.0319	-0.0748	-0.1022	-0.1689	-0.4989	*****	*****	*****	*****	
-0.950	0.0013	-0.0043	-0.0571	-0.1397	-0.3683	*****	*****	*****	*****	
-0.975	*****	0.0336	-0.0043	-0.0708	-0.2300	*****	*****	*****	*****	
-1.000	0.1901	0.1753	0.1563	0.1325	0.0654	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 41, Point No. = 837
 $C_N = -0.030$, $C_m = 0.0062$
 $\alpha = -0.4^\circ$, $M_\infty = 0.851$
 $R_{mac} = 6.0 \times 10^6$



Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	0.2166	*****
0.20	0.1978	0.1901
0.30	0.1893	*****
0.40	0.1827	0.1753
0.50	0.1847	*****
0.60	0.1663	0.1563
0.70	0.1608	*****
0.80	0.1429	0.1325
0.90	0.1054	*****
0.95	0.0625	0.0654

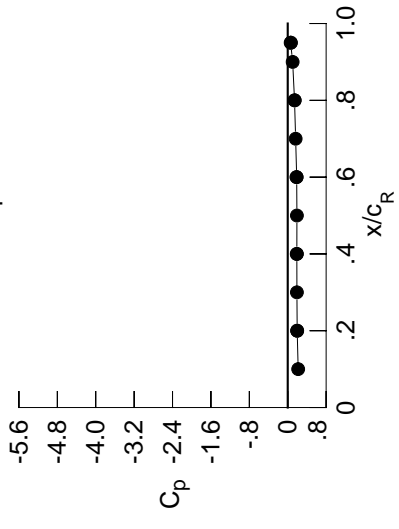
Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0129	-0.0004	0.1242	*****	0.0759	-0.1337	-0.2976	*****	*****	*****
0.100	-0.0133	-0.0024	0.1138	*****	0.0644	-0.1196	-0.3504	*****	*****	*****
0.150	-0.0145	-0.0022	0.0987	*****	0.0540	-0.1067	-0.3961	*****	*****	*****
0.200	-0.0177	0.0007	0.0897	*****	0.0444	-0.0974	-0.4454	*****	*****	*****
0.250	*****	-0.0033	0.0759	-0.1337	-0.2976	*****	*****	-0.2513	*****	*****
0.300	-0.0364	-0.0039	0.0644	-0.1196	-0.3504	*****	*****	-0.2976	*****	*****
0.350	-0.0443	-0.0049	0.0540	-0.1067	-0.3961	*****	*****	-0.3504	*****	*****
0.400	-0.0501	-0.0053	0.0444	-0.0974	-0.4454	*****	*****	-0.3961	*****	*****
0.450	-0.0567	-0.0121	0.0428	-0.0919	-0.4651	*****	*****	-0.4454	*****	*****
0.500	-0.0603	-0.0119	0.0292	-0.0854	-0.4785	*****	*****	-0.4651	*****	*****
0.525	*****	-0.0165	0.0257	-0.0864	-0.5071	*****	*****	-0.4785	*****	*****
0.550	-0.0656	-0.0185	0.0220	-0.0818	-0.5111	*****	*****	-0.5071	*****	*****
0.575	*****	-0.0170	0.0228	-0.0795	-0.5299	*****	*****	-0.5111	*****	*****
0.600	-0.0691	-0.0171	0.0150	-0.0807	-0.5577	*****	*****	-0.5299	*****	*****
0.625	*****	*****	0.0146	-0.0780	-0.5876	*****	*****	-0.5577	*****	*****
0.650	-0.0693	-0.0410	0.0080	-0.0769	-0.6216	*****	*****	-0.5876	*****	*****
0.675	*****	-0.0501	0.0050	-0.0778	-0.6532	*****	*****	-0.6216	*****	*****
0.700	-0.0625	-0.0542	-0.0013	-0.0781	-0.6942	*****	*****	-0.6532	*****	*****
0.725	*****	-0.0598	*****	-0.0779	-0.7176	*****	*****	-0.6942	*****	*****
0.750	-0.0501	-0.0706	*****	-0.0791	-0.7311	*****	*****	-0.7176	*****	*****
0.775	*****	-0.0719	-0.0344	-0.0837	-0.7240	*****	*****	-0.7311	*****	*****
0.800	-0.0320	-0.0761	-0.0460	-0.0849	*****	*****	*****	-0.7240	*****	*****
0.825	*****	-0.0772	-0.0585	-0.1012	-0.7018	*****	*****	*****	*****	*****
0.850	-0.0059	-0.0725	-0.0685	-0.1126	-0.6279	*****	*****	-0.7018	*****	*****
0.875	*****	-0.0606	-0.0711	-0.1274	-0.6145	*****	*****	-0.6279	*****	*****
0.900	0.0327	-0.0380	-0.0695	-0.1394	*****	*****	*****	-0.6145	*****	*****
0.925	*****	-0.0177	-0.0530	-0.1281	-0.5986	*****	*****	*****	*****	*****
0.950	0.0747	0.0176	-0.0159	-0.0969	-0.3434	*****	*****	-0.5986	*****	*****
0.975	*****	0.0627	0.0436	-0.0309	-0.1969	*****	*****	-0.3434	*****	*****
1.000	0.1969	0.1896	0.1866	0.1416	0.0605	*****	*****	-0.1969	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0218	0.0001	0.0821	*****	-0.3070	*****	*****	-0.3070	*****	*****
-0.400	-0.0530	-0.0034	0.0423	-0.0975	-0.4229	*****	*****	-0.4229	*****	*****
-0.600	-0.0739	-0.0146	0.0125	-0.0784	-0.5637	*****	*****	-0.5637	*****	*****
-0.700	*****	-0.0578	0.0014	-0.0791	-0.6779	*****	*****	-0.6779	*****	*****
-0.800	*****	*****	-0.0551	-0.0848	-0.7143	*****	*****	-0.7143	*****	*****
-0.850	*****	-0.0794	-0.0766	-0.1230	-0.6086	*****	*****	-0.6086	*****	*****
-0.900	-0.0126	-0.0512	-0.0781	-0.1464	-0.5421	*****	*****	-0.5421	*****	*****
-0.950	0.0204	0.0144	-0.0271	-0.1100	-0.3530	*****	*****	-0.3530	*****	*****
-0.975	*****	0.0618	0.0265	-0.0385	-0.2049	*****	*****	-0.2049	*****	*****
-1.000	0.1967	0.1884	0.1828	0.1467	0.0670	*****	*****	0.0670	*****	*****

Small Radius L.E.
 Run No. = 41, Point No. = 838
 $C_N = -0.009$, $C_m = 0.0020$
 $\alpha = 0.1^\circ$, $M_\infty = 0.851$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2177	*****
0.20	0.1969	0.1967
0.30	0.1913	*****
0.40	0.1896	0.1884
0.50	0.1914	*****
0.60	0.1866	0.1828
0.70	0.1648	*****
0.80	0.1416	0.1467
0.90	0.1027	*****
0.95	0.0605	0.0670

Surface Pressures

● upper, starboard
 ○ lower, port

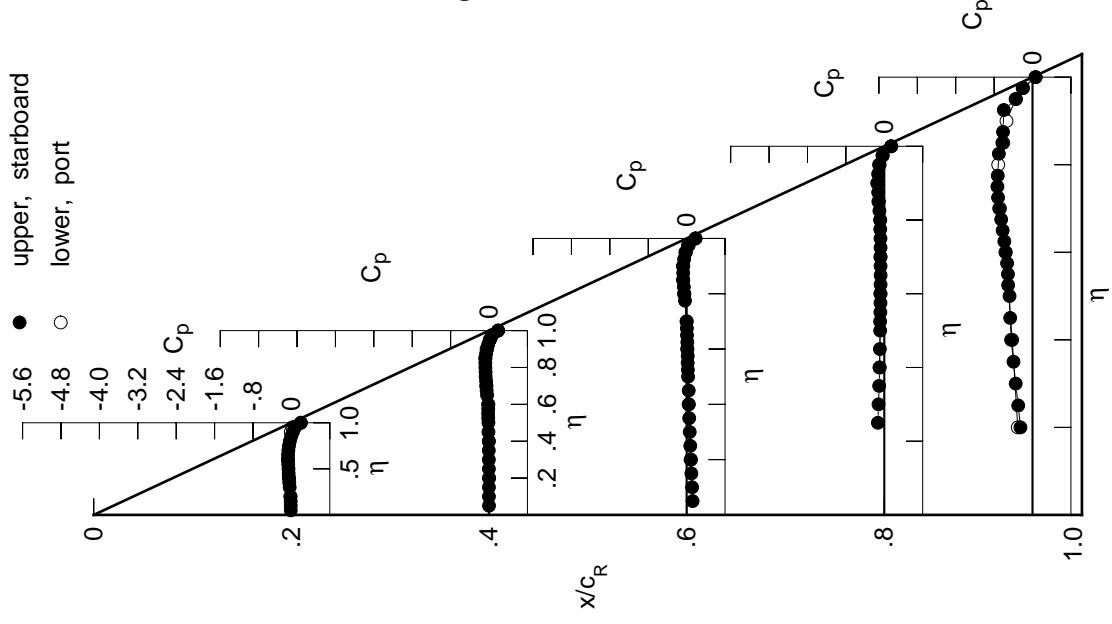


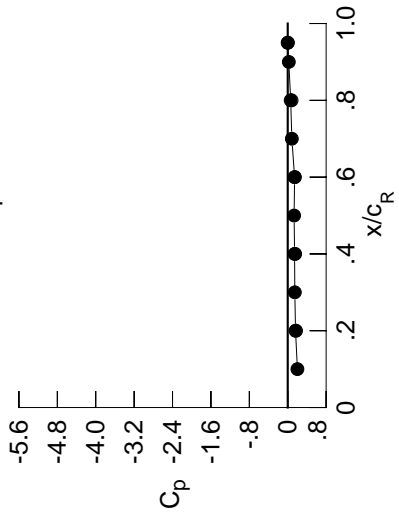
Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0317	-0.0194	0.1108	0.1108	0.0762	0.0762	0.0618	0.0618	-0.2650	0.0033
0.100	-0.0309	-0.0191	0.1023	0.1023	0.0872	0.0872	0.0618	0.0618	-0.2878	0.0033
0.150	-0.0337	-0.0199	0.0872	0.0872	0.0762	0.0762	0.0505	0.0505	-0.3190	0.0033
0.200	-0.0368	-0.0185	0.0762	0.0762	0.0618	0.0618	0.0374	0.0374	-0.3597	0.0033
0.250	*****	-0.0185	0.0618	0.0618	0.0505	0.0505	0.0332	0.0332	-0.3984	0.0033
0.300	-0.0599	-0.0221	0.0505	0.0505	0.0421	0.0421	0.0288	0.0288	-0.4210	0.0033
0.350	-0.0658	-0.0223	0.0374	0.0374	0.0135	0.0135	0.0185	0.0185	-0.4565	0.0033
0.400	-0.0737	-0.0246	0.0332	0.0332	0.0121	0.0121	0.0110	0.0110	-0.4740	0.0033
0.450	-0.0797	-0.0302	0.0288	0.0288	0.0067	0.0067	0.00945	0.00945	-0.4832	0.0033
0.500	-0.0877	-0.0304	0.0135	0.0135	0.0069	0.0069	0.00956	0.00956	-0.4942	0.0033
0.525	*****	-0.0343	0.0121	0.0121	0.0018	0.0018	0.00938	0.00938	-0.5131	0.0033
0.550	-0.0928	-0.0370	0.0067	0.0067	0.0029	0.0029	0.00925	0.00925	-0.5655	0.0033
0.575	*****	-0.0366	0.0069	0.0069	0.0018	0.0018	0.00940	0.00940	-0.6316	0.0033
0.600	-0.0977	-0.0398	0.0018	0.0018	0.0014	0.0014	0.00973	0.00973	-0.6956	0.0033
0.625	*****	*****	0.0014	0.0014	0.0014	0.0014	0.00984	0.00984	-0.7266	0.0033
0.650	-0.1008	-0.0823	0.0014	0.0014	0.0014	0.0014	0.00984	0.00984	-0.7409	0.0033
0.675	*****	-0.0851	0.00127	0.00127	0.0014	0.0014	0.00984	0.00984	-0.7281	0.0033
0.700	-0.0958	-0.0902	0.00189	0.00189	0.0014	0.0014	0.00984	0.00984	-0.7281	0.0033
0.725	*****	-0.0914	0.0014	0.0014	0.0014	0.0014	0.00984	0.00984	-0.7266	0.0033
0.750	-0.0868	-0.1035	0.0014	0.0014	0.0014	0.0014	0.00984	0.00984	-0.7409	0.0033
0.775	*****	-0.1100	0.00849	0.00849	0.0014	0.0014	0.00984	0.00984	-0.7281	0.0033
0.800	-0.0705	-0.1173	0.00896	0.00896	0.0014	0.0014	0.00984	0.00984	-0.7281	0.0033
0.825	*****	-0.1222	0.00985	0.00985	0.0014	0.0014	0.00984	0.00984	-0.7266	0.0033
0.850	-0.0458	-0.1218	0.01118	0.01118	0.0014	0.0014	0.00984	0.00984	-0.7409	0.0033
0.875	*****	-0.1109	0.01195	0.01195	0.0014	0.0014	0.00984	0.00984	-0.7266	0.0033
0.900	-0.0107	-0.0923	0.01245	0.01245	0.0014	0.0014	0.00984	0.00984	-0.7266	0.0033
0.925	*****	-0.0721	0.01099	0.01099	0.0014	0.0014	0.00984	0.00984	-0.7266	0.0033
0.950	0.0230	-0.0400	0.00796	0.00796	0.0014	0.0014	0.00984	0.00984	-0.7266	0.0033
0.975	*****	0.0000	0.00260	0.00260	0.0014	0.0014	0.00984	0.00984	-0.7266	0.0033
1.000	0.1620	0.1425	0.1427	0.1427	0.0614	0.0614	-0.0013	-0.0013	0.0033	0.0033
$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0002	0.0170	0.0980	0.0980	0.0614	0.0614	0.0013	0.0013	-0.3317	0.0033
-0.400	-0.0301	0.0154	0.0572	0.0572	0.0614	0.0614	0.0013	0.0013	-0.4574	0.0033
-0.600	-0.0447	0.0018	0.0319	0.0319	0.0614	0.0614	0.0013	0.0013	-0.5966	0.0033
-0.700	*****	-0.0255	0.0188	0.0188	0.0614	0.0614	0.0013	0.0013	-0.6816	0.0033
-0.800	*****	*****	-0.0128	-0.0128	0.0614	0.0614	0.0013	0.0013	-0.7053	0.0033
-0.850	*****	-0.0341	-0.0371	-0.0371	0.0614	0.0614	0.0013	0.0013	-0.7039	0.0033
-0.900	0.0261	-0.0012	-0.0278	-0.0278	0.0614	0.0614	0.0013	0.0013	-0.6610	0.0033
-0.950	0.0618	0.0479	0.0296	0.0296	0.0614	0.0614	0.0013	0.0013	-0.3241	0.0033
-0.975	*****	0.1145	0.0863	0.0863	0.0614	0.0614	0.0013	0.0013	-0.1615	0.0033
-1.000	0.1730	0.1553	0.1488	0.1488	0.0810	0.0810	0.0033	0.0033	0.0033	0.0033

Small Radius L.E.
 Run No. = 41, Point No. = 839
 $C_N = 0.029$, $C_m = -0.0024$
 $\alpha = 1.1^\circ$, $M_\infty = 0.850$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2019	*****
0.20	0.1620	0.1730
0.30	0.1478	*****
0.40	0.1425	0.1553
0.50	0.1329	*****
0.60	0.1427	0.1488
0.70	0.0858	*****
0.80	0.0614	0.0810
0.90	0.0223	*****
0.95	-0.0013	0.0033

Surface Pressures

● upper, starboard
 ○ lower, port

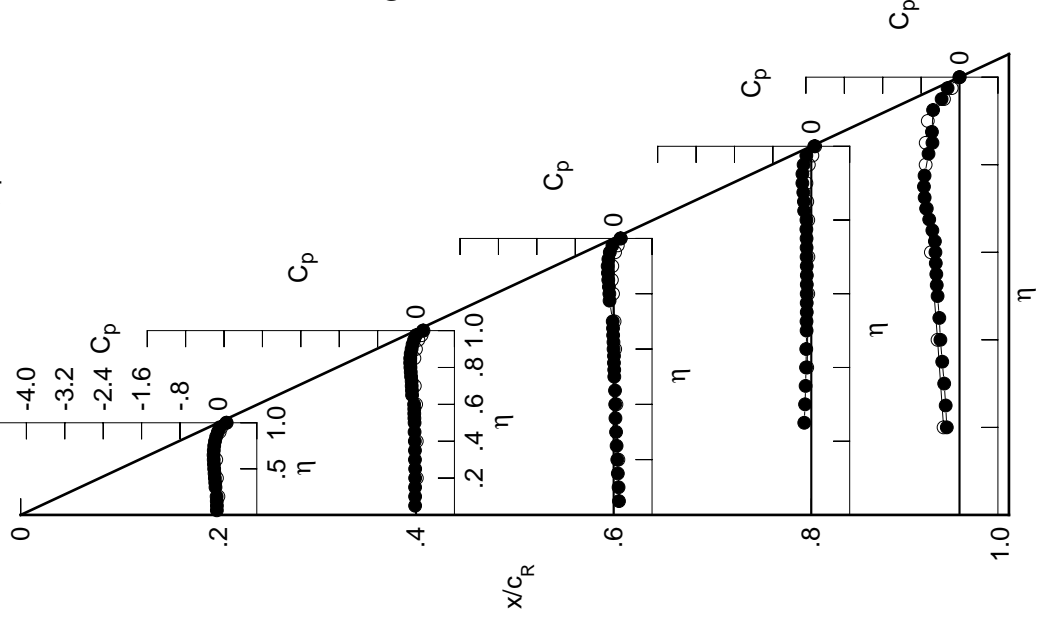
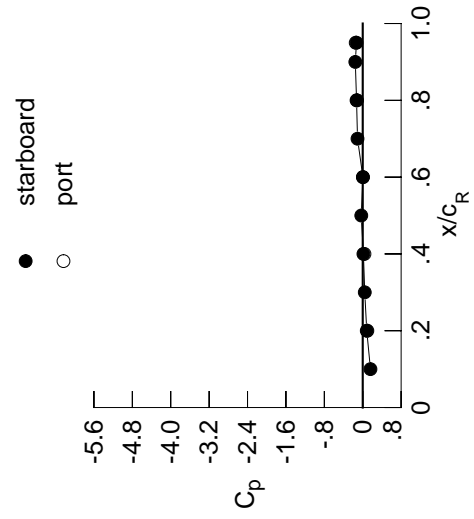


Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0496	-0.0357	0.1007	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0556	-0.0357	0.0901	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0592	-0.0364	0.0758	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0564	-0.0327	0.0617	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0349	0.0517	-0.1568	-0.2696	*****	*****	*****	*****	*****
0.300	-0.0826	-0.0375	0.0376	-0.1420	-0.2981	*****	*****	*****	*****	*****
0.350	-0.0888	-0.0384	0.0278	-0.1293	-0.3298	*****	*****	*****	*****	*****
0.400	-0.0951	-0.0410	0.0172	-0.1213	-0.3612	*****	*****	*****	*****	*****
0.450	-0.1018	-0.0490	0.0149	-0.1149	-0.3903	*****	*****	*****	*****	*****
0.500	-0.1103	-0.0469	-0.0024	-0.1109	-0.4088	*****	*****	*****	*****	*****
0.525	*****	-0.0533	-0.0047	-0.1118	-0.4281	*****	*****	*****	*****	*****
0.550	-0.1186	-0.0560	-0.0102	-0.1086	-0.4300	*****	*****	*****	*****	*****
0.575	*****	-0.0577	-0.0107	-0.1082	-0.4368	*****	*****	*****	*****	*****
0.600	-0.1267	-0.0557	-0.0205	-0.1104	-0.4449	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0200	-0.1089	-0.4796	*****	*****	*****	*****	*****
0.650	-0.1321	-0.1073	0.0284	-0.1080	-0.5452	*****	*****	*****	*****	*****
0.675	*****	-0.1247	-0.0319	-0.1110	-0.6125	*****	*****	*****	*****	*****
0.700	-0.1306	-0.1258	-0.0392	-0.1133	-0.6840	*****	*****	*****	*****	*****
0.725	*****	-0.1269	*****	-0.1151	-0.7296	*****	*****	*****	*****	*****
0.750	-0.1232	-0.1367	*****	-0.1182	-0.7387	*****	*****	*****	*****	*****
0.775	*****	-0.1440	-0.0633	-0.1259	-0.6976	*****	*****	*****	*****	*****
0.800	-0.1118	-0.1556	-0.1336	-0.1328	*****	*****	*****	*****	*****	*****
0.825	*****	-0.1634	-0.1383	-0.1521	-0.5498	*****	*****	*****	*****	*****
0.850	-0.0880	-0.1683	-0.1498	-0.1983	-0.4983	*****	*****	*****	*****	*****
0.875	*****	-0.1628	-0.1633	-0.2078	-0.4732	*****	*****	*****	*****	*****
0.900	-0.0558	-0.1469	-0.1758	-0.2335	*****	*****	*****	*****	*****	*****
0.925	*****	-0.1322	-0.1726	-0.2451	-0.4236	*****	*****	*****	*****	*****
0.950	-0.0206	-0.1049	-0.1496	-0.2326	-0.3912	*****	*****	*****	*****	*****
0.975	*****	-0.0725	-0.1113	-0.1873	-0.3029	*****	*****	*****	*****	*****
1.000	0.0837	0.0141	0.0037	-0.1288	-0.1304	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0199	0.0369	0.1097	*****	-0.3494	*****	*****	*****	*****	*****
-0.600	-0.0033	0.0325	0.0713	-0.0712	-0.4773	*****	*****	*****	*****	*****
-0.700	-0.0154	0.0265	0.0497	-0.0510	-0.6204	*****	*****	*****	*****	*****
-0.800	*****	0.0065	0.0399	-0.0435	-0.6946	*****	*****	*****	*****	*****
-0.850	*****	*****	0.0132	-0.0400	-0.6884	*****	*****	*****	*****	*****
-0.900	*****	0.0066	0.0028	-0.0553	-0.6923	*****	*****	*****	*****	*****
-0.950	0.0621	0.0424	0.0166	-0.0567	-0.7422	*****	*****	*****	*****	*****
-0.975	0.0962	0.0796	0.0770	-0.0025	-0.2964	*****	*****	*****	*****	*****
-1.000	0.0964	0.0358	0.0043	-0.1196	-0.1467	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 41, Point No. = 840
 $C_N = 0.071$, $C_m = -0.0100$
 $\alpha = 2.2^\circ$, $M_\infty = 0.850$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.1612	*****
0.20	0.0837	0.0964
0.30	0.0420	*****
0.40	0.0141	0.0358
0.50	-0.0303	*****
0.60	0.0037	0.0043
0.70	-0.1085	*****
0.80	-0.1288	-0.1196
0.90	-0.1547	*****
0.95	-0.1304	-0.1467

Surface Pressures

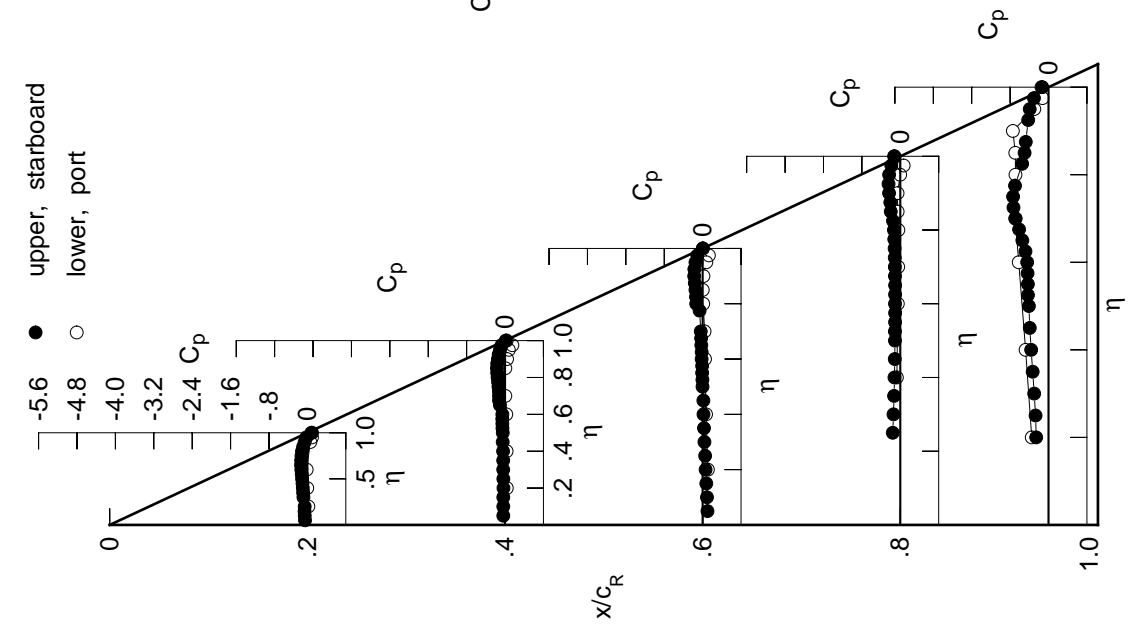


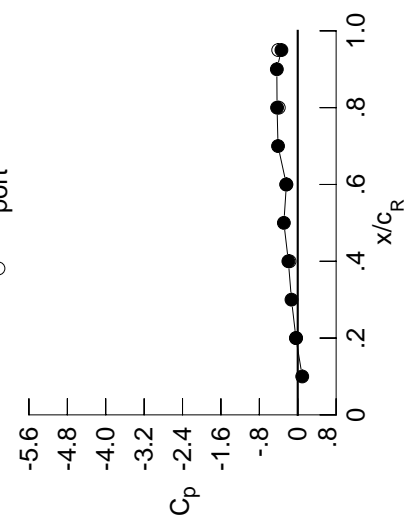
Table C1. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0721	-0.0519	0.0885	*****	*****
0.100	-0.0715	-0.0495	0.0774	*****	*****
0.150	-0.0757	-0.0498	0.0618	*****	*****
0.200	-0.0742	-0.0486	0.0500	*****	-0.2593
0.250	*****	-0.0539	0.0358	-0.1701	-0.2606
0.300	-0.1081	-0.0561	0.0238	-0.1532	-0.2805
0.350	-0.1149	-0.0582	0.0124	-0.1435	-0.3090
0.400	-0.1210	-0.0595	0.0015	-0.1348	-0.3381
0.450	-0.1272	-0.0687	-0.0007	-0.1295	-0.3625
0.500	-0.1356	-0.0698	-0.0193	-0.1243	-0.3806
0.525	*****	-0.0753	-0.0213	-0.1255	-0.4034
0.550	-0.1454	-0.0791	-0.0284	-0.1253	-0.4102
0.575	*****	-0.0823	-0.0290	-0.1226	-0.4255
0.600	-0.1560	-0.0830	-0.0396	-0.1288	-0.4277
0.625	*****	*****	-0.0411	-0.1247	-0.4578
0.650	-0.1638	-0.0842	-0.0493	-0.1272	-0.5053
0.675	*****	-0.1658	-0.0557	-0.1291	-0.5434
0.700	-0.1662	-0.1729	-0.0625	-0.1353	-0.5678
0.725	*****	-0.1732	*****	-0.1396	-0.6205
0.750	-0.1630	-0.1792	*****	-0.1440	-0.6741
0.775	*****	-0.1843	-0.0987	-0.1567	-0.6422
0.800	-0.1542	-0.1968	-0.1306	-0.1723	*****
0.825	*****	-0.2103	-0.1970	-0.1810	-0.4973
0.850	-0.1342	-0.2160	-0.2043	-0.2120	-0.4458
0.875	*****	-0.2202	-0.2176	-0.2592	-0.4454
0.900	-0.1079	-0.2094	-0.2404	-0.2920	*****
0.925	*****	-0.1987	-0.2413	-0.3112	-0.3736
0.950	-0.0795	-0.1812	-0.2312	-0.3100	-0.3748
0.975	*****	-0.1588	-0.2079	-0.2845	-0.3567
1.000	-0.0375	-0.1954	-0.2361	-0.4306	-0.3401
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0379	0.0542	0.1208	*****	-0.3638
-0.400	0.0226	0.0486	0.0848	-0.0590	-0.5154
-0.600	0.0116	0.0458	0.0647	-0.0342	-0.6519
-0.700	*****	0.0301	0.0583	-0.0267	-0.7123
-0.800	*****	*****	0.0392	-0.0216	-0.6761
-0.850	*****	0.0429	0.0363	-0.0290	-0.6752
-0.900	0.0933	0.0801	0.0548	-0.0225	-0.7295
-0.950	0.1272	0.1003	0.1138	0.0374	-0.2750
-0.975	*****	0.1780	0.1599	0.1040	-0.1012
-1.000	-0.0338	-0.1706	-0.2401	-0.3945	-0.4069

Small Radius L.E.
 Run No. = 41, Point No. = 841
 $C_N = 0.115$, $C_m = -0.0193$
 $\alpha = 3.2^\circ$, $M_\infty = 0.850$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.0939	*****
0.20	-0.0375	-0.0338
0.30	-0.1302	*****
0.40	-0.1954	-0.1706
0.50	-0.2888	*****
0.60	-0.2361	-0.2401
0.70	-0.4104	*****
0.80	-0.4306	-0.3945
0.90	-0.4355	*****
0.95	-0.3401	-0.4069

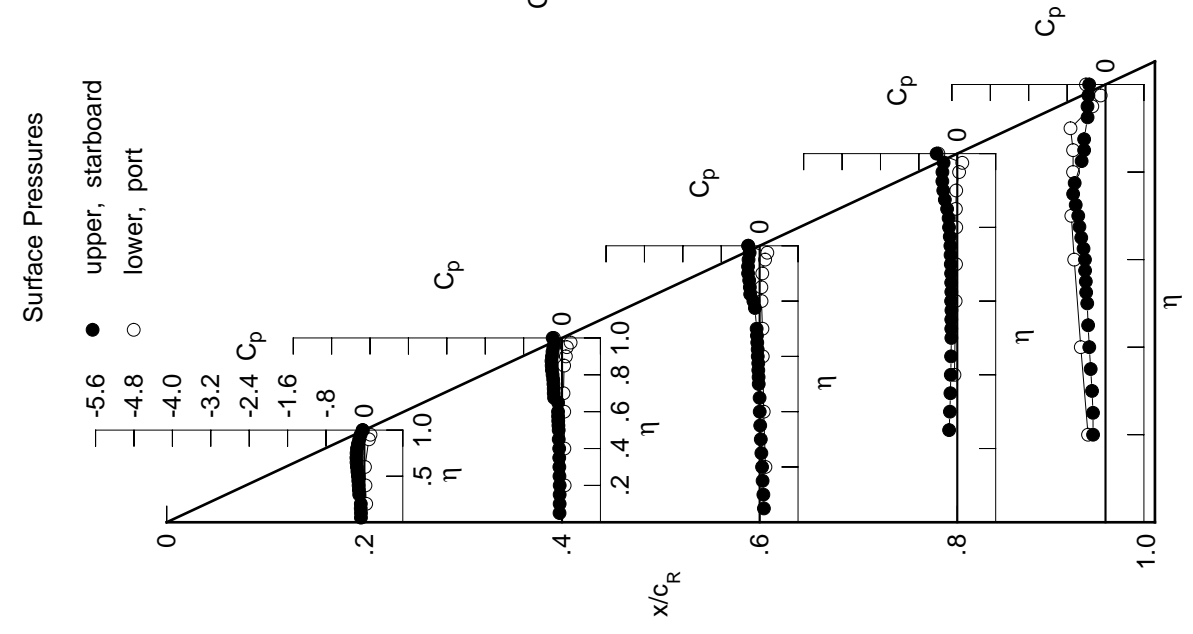


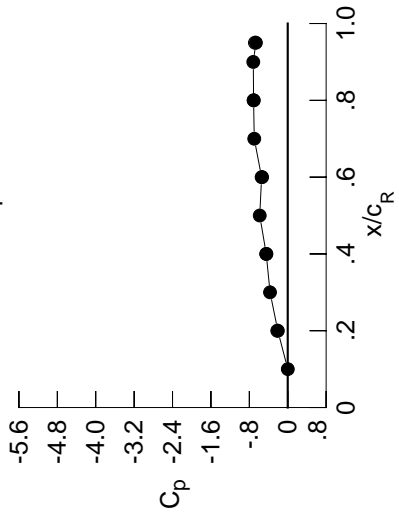
Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0802	-0.0638	0.0777	*****	*****	*****	*****	*****	*****	
0.100	-0.0799	-0.0645	0.0672	*****	*****	*****	*****	*****	*****	
0.150	-0.0898	-0.0653	0.0528	*****	*****	*****	*****	*****	*****	
0.200	-0.0869	-0.0665	0.0388	*****	*****	*****	*****	*****	*****	
0.250	*****	-0.0663	0.0269	-0.1812	-0.2439	*****	*****	*****	*****	
0.300	-0.1337	-0.0732	0.0113	-0.1654	-0.2592	*****	*****	*****	*****	
0.350	-0.1419	-0.0736	0.0006	-0.1547	-0.2937	*****	*****	*****	*****	
0.400	-0.1474	-0.0792	-0.0114	-0.1465	-0.3462	*****	*****	*****	*****	
0.450	-0.1526	-0.0853	-0.0172	-0.1424	-0.3834	*****	*****	*****	*****	
0.500	-0.1602	-0.0876	-0.0319	-0.1395	-0.4035	*****	*****	*****	*****	
0.525	*****	-0.0944	-0.0402	-0.1397	-0.4078	*****	*****	*****	*****	
0.550	-0.1692	-0.1001	-0.0440	-0.1380	-0.3986	*****	*****	*****	*****	
0.575	*****	-0.1033	-0.0503	-0.1417	-0.3857	*****	*****	*****	*****	
0.600	-0.1814	-0.1075	-0.0604	-0.1423	-0.3789	*****	*****	*****	*****	
0.625	*****	*****	-0.0671	-0.1459	-0.3749	*****	*****	*****	*****	
0.650	-0.1945	-0.1191	-0.0766	-0.1484	-0.3772	*****	*****	*****	*****	
0.675	*****	-0.1338	-0.0826	-0.1513	-0.3693	*****	*****	*****	*****	
0.700	-0.1993	-0.1478	-0.0965	-0.1586	-0.3661	*****	*****	*****	*****	
0.725	*****	-0.1887	*****	-0.1640	-0.3539	*****	*****	*****	*****	
0.750	-0.1999	-0.2263	*****	-0.1726	-0.3412	*****	*****	*****	*****	
0.775	*****	-0.2366	-0.1478	-0.1923	-0.2958	*****	*****	*****	*****	
0.800	-0.1960	-0.2481	-0.1742	-0.2057	*****	*****	*****	*****	*****	
0.825	*****	-0.2607	-0.2043	-0.2186	-0.2867	*****	*****	*****	*****	
0.850	-0.1820	-0.2712	-0.2396	-0.2506	-0.2946	*****	*****	*****	*****	
0.875	*****	-0.2746	-0.2662	-0.2900	-0.3812	*****	*****	*****	*****	
0.900	-0.1618	-0.2693	-0.2989	-0.3397	*****	*****	*****	*****	*****	
0.925	*****	-0.2644	-0.3109	-0.3726	-0.6732	*****	*****	*****	*****	
0.950	-0.1433	-0.2510	-0.3130	-0.3872	-0.5370	*****	*****	*****	*****	
0.975	*****	-0.2297	-0.3012	-0.3843	-0.4765	*****	*****	*****	*****	
1.000	-0.2067	-0.4478	-0.5444	-0.7112	-0.6635	*****	*****	*****	*****	
-0.200	$C_{p,l}$	0.0607	0.0729	0.1392	*****	*****	*****	*****	*****	
-0.400	$C_{p,l}$	0.0478	0.0723	0.1025	-0.0434	-0.5586	*****	*****	*****	
-0.600	$C_{p,l}$	0.0421	0.0703	0.0858	-0.0210	-0.6837	*****	*****	*****	
-0.700	$C_{p,l}$	*****	0.0586	0.0822	-0.0066	-0.7063	*****	*****	*****	
-0.800	$C_{p,l}$	*****	*****	0.0691	0.0030	-0.6588	*****	*****	*****	
-0.850	$C_{p,l}$	*****	0.0803	0.0693	0.0010	-0.6529	*****	*****	*****	
-0.900	$C_{p,l}$	0.1268	0.1167	0.0919	0.0124	-0.6929	*****	*****	*****	
-0.950	$C_{p,l}$	0.1565	0.1206	0.1475	0.0745	-0.2500	*****	*****	*****	
-0.975	$C_{p,l}$	*****	0.1975	0.1825	0.1298	-0.0776	*****	*****	*****	
-1.000	$C_{p,l}$	-0.2185	-0.4449	-0.5334	-0.7080	-0.6842	*****	*****	*****	

Small Radius L.E.
 Run No. = 41, Point No. = 842
 $C_N = 0.157$, $C_m = -0.0259$
 $\alpha = 4.2^\circ$, $M_\infty = 0.850$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.0014	*****
0.20	-0.2067	-0.2185
0.30	-0.3684	*****
0.40	-0.4478	-0.4449
0.50	-0.5830	*****
0.60	-0.5444	-0.5334
0.70	-0.6976	*****
0.80	-0.7112	-0.7080
0.90	-0.7175	*****
0.95	-0.6635	-0.6842

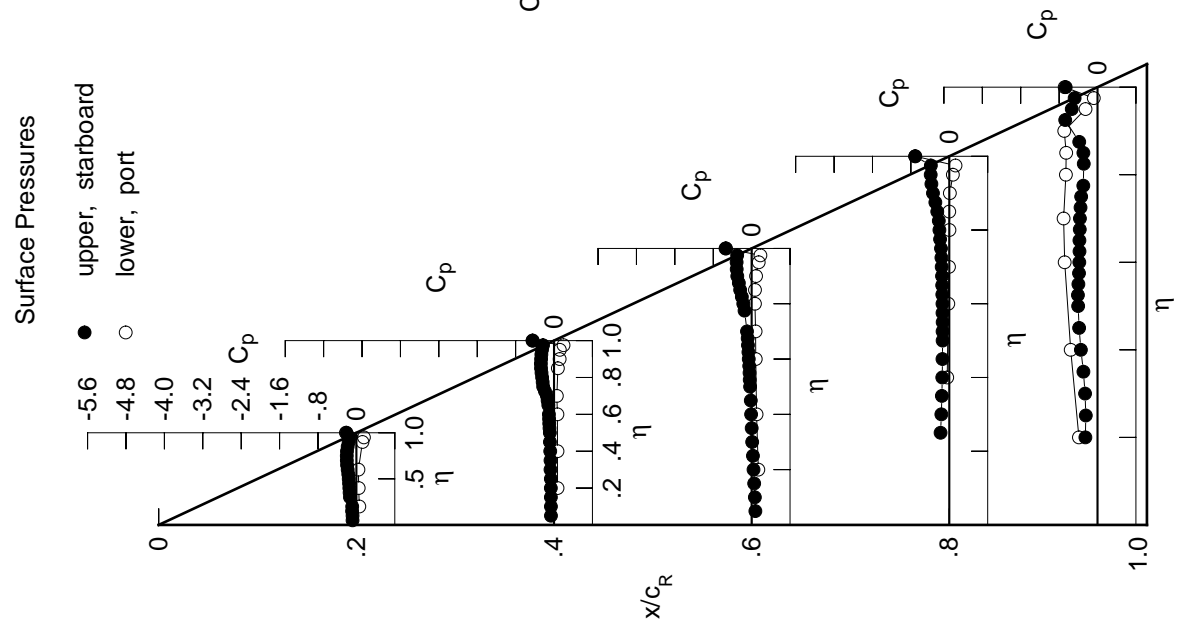
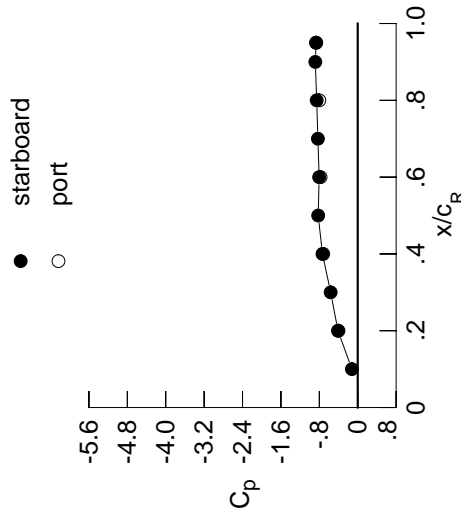


Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0990	-0.0840	0.0644	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0975	-0.0857	0.0514	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1080	-0.0855	0.0334	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1074	-0.0864	0.0221	*****	*****	*****	*****	*****	*****	-0.2127
0.250	*****	-0.0875	0.0105	-0.1959	-0.1788	-0.1788	-0.1788	-0.1788	-0.1788	-0.2478
0.300	-0.1445	-0.0962	-0.0038	-0.1788	-0.1788	-0.1788	-0.1788	-0.1788	-0.1788	-0.2876
0.350	-0.1784	-0.0967	-0.0178	-0.1709	-0.1709	-0.1709	-0.1709	-0.1709	-0.1709	-0.3225
0.400	-0.1834	-0.1028	-0.0313	-0.1606	-0.1606	-0.1606	-0.1606	-0.1606	-0.1606	-0.3497
0.450	-0.1882	-0.1131	-0.0367	-0.1592	-0.1592	-0.1592	-0.1592	-0.1592	-0.1592	-0.3787
0.500	-0.1942	-0.1195	-0.0558	-0.1533	-0.1533	-0.1533	-0.1533	-0.1533	-0.1533	-0.4014
0.525	*****	-0.1261	-0.0598	-0.1597	-0.1597	-0.1597	-0.1597	-0.1597	-0.1597	-0.4141
0.550	-0.2019	-0.1358	-0.0692	-0.1600	-0.1600	-0.1600	-0.1600	-0.1600	-0.1600	-0.4084
0.575	*****	-0.1401	-0.0741	-0.1614	-0.1614	-0.1614	-0.1614	-0.1614	-0.1614	-0.4119
0.600	-0.2134	-0.1481	-0.0894	-0.1657	-0.1657	-0.1657	-0.1657	-0.1657	-0.1657	-0.4064
0.625	*****	*****	-0.0906	-0.1706	-0.1706	-0.1706	-0.1706	-0.1706	-0.1706	-0.3935
0.650	-0.2272	-0.1686	-0.1059	-0.1742	-0.1742	-0.1742	-0.1742	-0.1742	-0.1742	-0.3808
0.675	*****	-0.1863	-0.1147	-0.1805	-0.1805	-0.1805	-0.1805	-0.1805	-0.1805	-0.3745
0.700	-0.2375	-0.2004	-0.1287	-0.1945	-0.1945	-0.1945	-0.1945	-0.1945	-0.1945	-0.3649
0.725	*****	-0.2195	*****	-0.1972	-0.1972	-0.1972	-0.1972	-0.1972	-0.1972	-0.3551
0.750	-0.2414	-0.2424	*****	-0.2095	-0.2095	-0.2095	-0.2095	-0.2095	-0.2095	-0.3576
0.775	*****	-0.2628	-0.1837	-0.2243	-0.2243	-0.2243	-0.2243	-0.2243	-0.2243	-0.3536
0.800	-0.2399	-0.2857	-0.2102	-0.2442	-0.2442	-0.2442	-0.2442	-0.2442	-0.2442	*****
0.825	*****	-0.3086	-0.2439	-0.2602	-0.2602	-0.2602	-0.2602	-0.2602	-0.2602	-0.3369
0.850	-0.2332	-0.3251	-0.2836	-0.2889	-0.2889	-0.2889	-0.2889	-0.2889	-0.2889	-0.3345
0.875	*****	-0.3371	-0.3188	-0.3270	-0.3270	-0.3270	-0.3270	-0.3270	-0.3270	-0.3815
0.900	-0.2199	-0.3379	-0.3593	-0.3834	-0.3834	-0.3834	-0.3834	-0.3834	-0.3834	*****
0.925	*****	-0.3424	-0.3830	-0.4279	-0.4279	-0.4279	-0.4279	-0.4279	-0.4279	-0.6093
0.950	-0.2169	-0.3433	-0.3944	-0.4588	-0.4588	-0.4588	-0.4588	-0.4588	-0.4588	-0.5982
0.975	*****	-0.3447	-0.4079	-0.4897	-0.4897	-0.4897	-0.4897	-0.4897	-0.4897	-0.5529
1.000	-0.4115	-0.7343	-0.8039	-0.8551	-0.8551	-0.8551	-0.8551	-0.8551	-0.8551	-0.8688
$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0797	0.0843	0.1504	*****	*****	*****	*****	*****	*****	-0.3919
-0.400	0.0663	0.0897	0.1140	-0.0317	-0.5858	-0.5858	-0.5858	-0.5858	-0.5858	-0.5858
-0.600	0.0667	0.0902	0.1017	-0.0076	-0.6892	-0.6892	-0.6892	-0.6892	-0.6892	-0.6892
-0.700	*****	0.0820	0.0968	0.0067	-0.6989	-0.6989	-0.6989	-0.6989	-0.6989	-0.6989
-0.800	*****	*****	0.0896	0.0200	-0.6463	-0.6463	-0.6463	-0.6463	-0.6463	-0.6463
-0.850	*****	0.1082	0.0932	0.0208	-0.6381	-0.6381	-0.6381	-0.6381	-0.6381	-0.6381
-0.900	0.1514	0.1447	0.1197	0.0377	-0.6681	-0.6681	-0.6681	-0.6681	-0.6681	-0.6681
-0.950	0.1779	0.1313	0.1680	0.0979	-0.2375	-0.2375	-0.2375	-0.2375	-0.2375	-0.2375
-0.975	*****	0.2002	0.1887	0.1426	-0.0685	-0.0685	-0.0685	-0.0685	-0.0685	-0.0685
-1.000	-0.4018	-0.7180	-0.7740	-0.8002	-0.8002	-0.8002	-0.8002	-0.8002	-0.8002	-0.8647

Small Radius L.E.
 Run No. = 41, Point No. = 843
 $C_N = 0.201$, $C_m = -0.0342$
 $\alpha = 5.3^\circ$, $M_\infty = 0.849$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.1217	*****
0.20	-0.4115	-0.4018
0.30	-0.5640	*****
0.40	-0.7343	-0.7180
0.50	-0.8241	*****
0.60	-0.8039	-0.7740
0.70	-0.8300	*****
0.80	-0.8551	-0.8002
0.90	-0.8834	*****
0.95	-0.8688	-0.8647

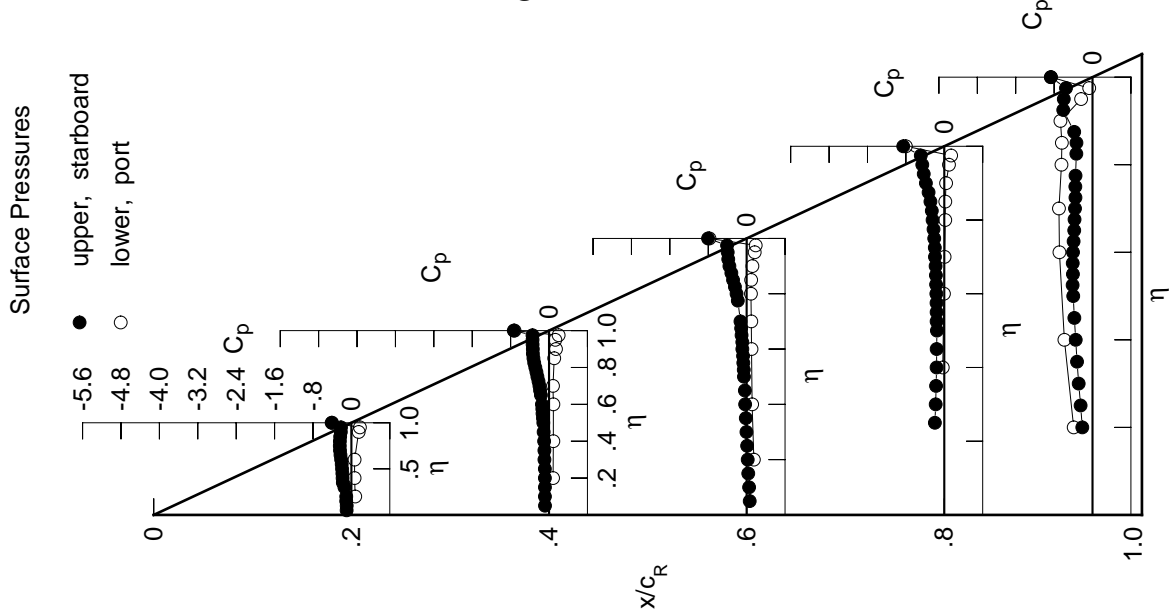


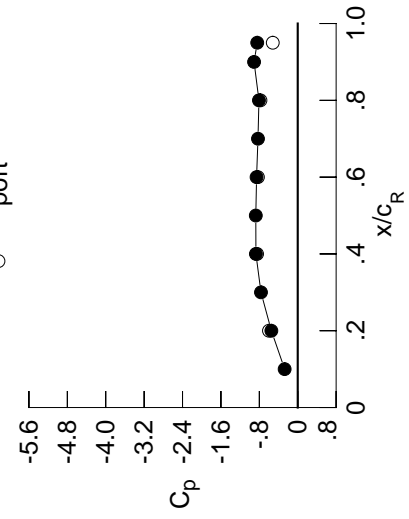
Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1127	-0.1005	0.0474	*****	*****	*****	*****	*****	*****	
0.100	-0.1101	-0.1071	0.0418	*****	*****	*****	*****	*****	*****	
0.150	-0.1175	-0.1051	0.0214	*****	*****	*****	*****	*****	*****	
0.200	-0.1160	-0.1058	0.0118	*****	*****	*****	*****	*****	-0.1961	
0.250	*****	-0.1115	-0.0059	-0.2136	-0.2435	*****	*****	*****	*****	
0.300	-0.1247	-0.1158	-0.0205	-0.1942	-0.2919	*****	*****	*****	*****	
0.350	-0.1402	-0.1196	-0.0352	-0.1879	-0.3277	*****	*****	*****	*****	
0.400	-0.1608	-0.1285	-0.0472	-0.1765	-0.3629	*****	*****	*****	*****	
0.450	-0.1912	-0.1405	-0.0555	-0.1762	-0.3785	*****	*****	*****	*****	
0.500	-0.2283	-0.1462	-0.0792	-0.1776	-0.3863	*****	*****	*****	*****	
0.525	*****	-0.1580	-0.0831	-0.1810	-0.4011	*****	*****	*****	*****	
0.550	-0.2432	-0.1648	-0.0962	-0.1771	-0.3857	*****	*****	*****	*****	
0.575	*****	-0.1735	-0.1047	-0.1861	-0.3818	*****	*****	*****	*****	
0.600	-0.2521	-0.1771	-0.1228	-0.1969	-0.3720	*****	*****	*****	*****	
0.625	*****	*****	-0.1242	-0.1989	-0.3693	*****	*****	*****	*****	
0.650	-0.2662	-0.2023	-0.1369	-0.2000	-0.3565	*****	*****	*****	*****	
0.675	*****	-0.2211	-0.1434	-0.2084	-0.3602	*****	*****	*****	*****	
0.700	-0.2771	-0.2372	-0.1629	-0.2200	-0.3735	*****	*****	*****	*****	
0.725	*****	-0.2555	*****	-0.2380	-0.4003	*****	*****	*****	*****	
0.750	-0.2847	-0.2803	*****	-0.2385	-0.4324	*****	*****	*****	*****	
0.775	*****	-0.3049	-0.2167	-0.2499	-0.4928	*****	*****	*****	*****	
0.800	-0.2853	-0.3300	-0.2483	-0.2695	*****	*****	*****	*****	*****	
0.825	*****	-0.3596	-0.2832	-0.2912	-0.6258	*****	*****	*****	*****	
0.850	-0.2809	-0.3797	-0.3134	-0.3322	-0.6600	*****	*****	*****	*****	
0.875	*****	-0.3981	-0.3570	-0.3659	-0.7130	*****	*****	*****	*****	
0.900	-0.2668	-0.4043	-0.3975	-0.4286	*****	*****	*****	*****	*****	
0.925	*****	-0.4159	-0.4507	-0.5355	-1.0327	*****	*****	*****	*****	
0.950	-0.2614	-0.4240	-0.5823	-0.6848	-0.7047	*****	*****	*****	*****	
0.975	*****	-0.5372	-0.7680	-0.7868	-0.7675	*****	*****	*****	*****	
1.000	-0.5493	-0.8712	-0.8575	-0.8080	-0.8436	*****	*****	*****	*****	
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.400	0.0968	0.1062	0.1625	*****	*****	-0.4208	*****	*****	*****	
-0.600	0.0897	0.1077	0.1326	-0.0218	-0.6163	*****	*****	*****	*****	
-0.700	0.0954	0.1124	0.1153	0.0106	-0.6872	*****	*****	*****	*****	
-0.800	*****	0.1063	0.1201	0.0220	-0.6837	*****	*****	*****	*****	
-0.850	*****	*****	0.1145	0.0405	-0.6265	*****	*****	*****	*****	
-0.900	*****	0.1366	0.1196	0.0432	-0.6192	*****	*****	*****	*****	
-0.950	0.1776	0.1708	0.1455	0.0669	-0.6335	*****	*****	*****	*****	
-0.975	0.1985	0.1385	0.1860	0.1192	-0.2180	*****	*****	*****	*****	
-1.000	*****	0.1980	0.1913	0.1502	-0.0494	*****	*****	*****	*****	
	-0.5989	-0.8471	-0.8293	-0.7772	-0.5201	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 41, Point No. = 844
 $C_N = 0.251$, $C_m = -0.0432$
 $\alpha = 6.3^\circ$, $M_\infty = 0.851$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.2724	*****
0.20	-0.5493	-0.5989
0.30	-0.7659	*****
0.40	-0.8712	-0.8471
0.50	-0.8735	*****
0.60	-0.8575	-0.8293
0.70	-0.8282	*****
0.80	-0.8080	-0.7772
0.90	-0.9098	*****
0.95	-0.8436	-0.5201

Surface Pressures

● upper, starboard
 ○ lower, port

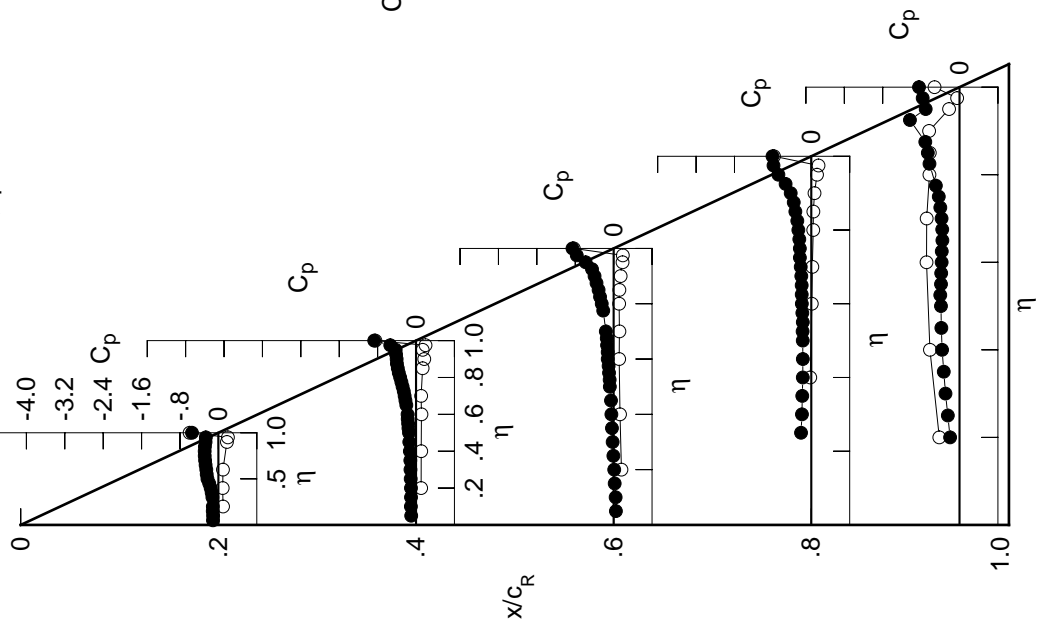


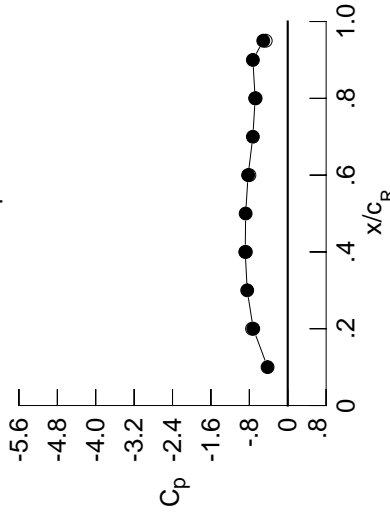
Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1348	-0.1217	0.0356	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1363	-0.1256	0.0248	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1460	-0.1237	0.0065	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1532	-0.1280	-0.0061	*****	*****	*****	*****	*****	*****	-0.2060
0.250	*****	-0.1296	-0.0209	-0.2318	-0.2443	*****	*****	*****	*****	-0.2443
0.300	-0.1646	-0.1399	-0.0360	-0.2141	-0.2907	*****	*****	*****	*****	-0.2907
0.350	-0.1799	-0.1426	-0.0522	-0.2048	-0.3261	*****	*****	*****	*****	-0.3261
0.400	-0.1974	-0.1542	-0.0660	-0.1990	-0.3463	*****	*****	*****	*****	-0.3463
0.450	-0.2155	-0.1658	-0.0823	-0.2038	-0.3044	*****	*****	*****	*****	-0.3044
0.500	-0.2339	-0.1740	-0.1063	-0.2116	-0.2273	*****	*****	*****	*****	-0.2273
0.525	*****	-0.1867	-0.1128	-0.2137	-0.2207	*****	*****	*****	*****	-0.2207
0.550	-0.2547	-0.1966	-0.1224	-0.2064	-0.2249	*****	*****	*****	*****	-0.2249
0.575	*****	-0.2035	-0.1318	-0.2051	-0.2443	*****	*****	*****	*****	-0.2443
0.600	-0.2749	-0.2116	-0.1498	-0.2119	-0.2873	*****	*****	*****	*****	-0.2873
0.625	*****	*****	-0.1535	-0.2104	-0.3584	*****	*****	*****	*****	-0.3584
0.650	-0.2955	-0.2350	-0.1630	-0.2088	-0.4673	*****	*****	*****	*****	-0.4673
0.675	*****	-0.2570	-0.1677	-0.2101	-0.6121	*****	*****	*****	*****	-0.6121
0.700	-0.3117	-0.2711	-0.1760	-0.2096	-0.7026	*****	*****	*****	*****	-0.7026
0.725	*****	-0.2878	*****	-0.2124	-0.7220	*****	*****	*****	*****	-0.7220
0.750	-0.3233	-0.3165	*****	-0.2147	-0.7375	*****	*****	*****	*****	-0.7375
0.775	*****	-0.3402	-0.2243	-0.2310	-0.8284	*****	*****	*****	*****	-0.8284
0.800	-0.3298	-0.3696	-0.2713	-0.3251	*****	*****	*****	*****	*****	*****
0.825	*****	-0.4002	-0.3077	-0.5395	-0.9275	*****	*****	*****	*****	-0.9275
0.850	-0.3339	-0.4234	-0.3691	-0.6510	-0.8527	*****	*****	*****	*****	-0.8527
0.875	*****	-0.4416	-0.5097	-0.6828	-0.7508	*****	*****	*****	*****	-0.7508
0.900	-0.3311	-0.4564	-0.6639	-0.6994	*****	*****	*****	*****	*****	*****
0.925	*****	-0.5445	-0.7608	-0.6899	-0.7601	*****	*****	*****	*****	-0.7601
0.950	-0.3382	-0.7150	-0.7973	-0.6817	-0.6491	*****	*****	*****	*****	-0.6491
0.975	*****	-0.8563	-0.7899	-0.6815	-0.5657	*****	*****	*****	*****	-0.5657
1.000	-0.7185	-0.8855	-0.8256	-0.6786	-0.5096	*****	*****	*****	*****	-0.5096
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1165	0.1257	0.1774	*****	-0.4427	*****	*****	*****	*****	-0.4427
-0.600	0.1145	0.1281	0.1473	-0.0066	-0.6513	*****	*****	*****	*****	-0.6513
-0.700	0.1209	0.1329	0.1360	0.0250	-0.6817	*****	*****	*****	*****	-0.6817
-0.800	*****	0.1322	0.1379	0.0368	-0.6672	*****	*****	*****	*****	-0.6672
-0.850	*****	*****	0.1385	0.0583	-0.6147	*****	*****	*****	*****	-0.6147
-0.900	*****	0.1639	0.1446	0.0645	-0.6000	*****	*****	*****	*****	-0.6000
-0.950	0.2003	0.1935	0.1691	0.0855	-0.6070	*****	*****	*****	*****	-0.6070
-0.975	0.2175	0.1433	0.2017	0.1353	-0.2070	*****	*****	*****	*****	-0.2070
-1.000	*****	0.1936	0.1926	0.1559	-0.0473	*****	*****	*****	*****	-0.0473
	-0.7437	-0.8716	-0.7988	-0.6697	-0.4582	*****	*****	*****	*****	-0.4582

Small Radius L.E.
 Run No. = 41, Point No. = 845
 $C_N = 0.306$, $C_m = -0.0550$
 $\alpha = 7.3^\circ$, $M_\infty = 0.851$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.4199	*****
0.20	-0.7185	-0.7437
0.30	-0.8441	*****
0.40	-0.8855	-0.8716
0.50	-0.8768	*****
0.60	-0.8256	-0.7988
0.70	-0.7264	*****
0.80	-0.6786	-0.6697
0.90	-0.7265	*****
0.95	-0.5096	-0.4582

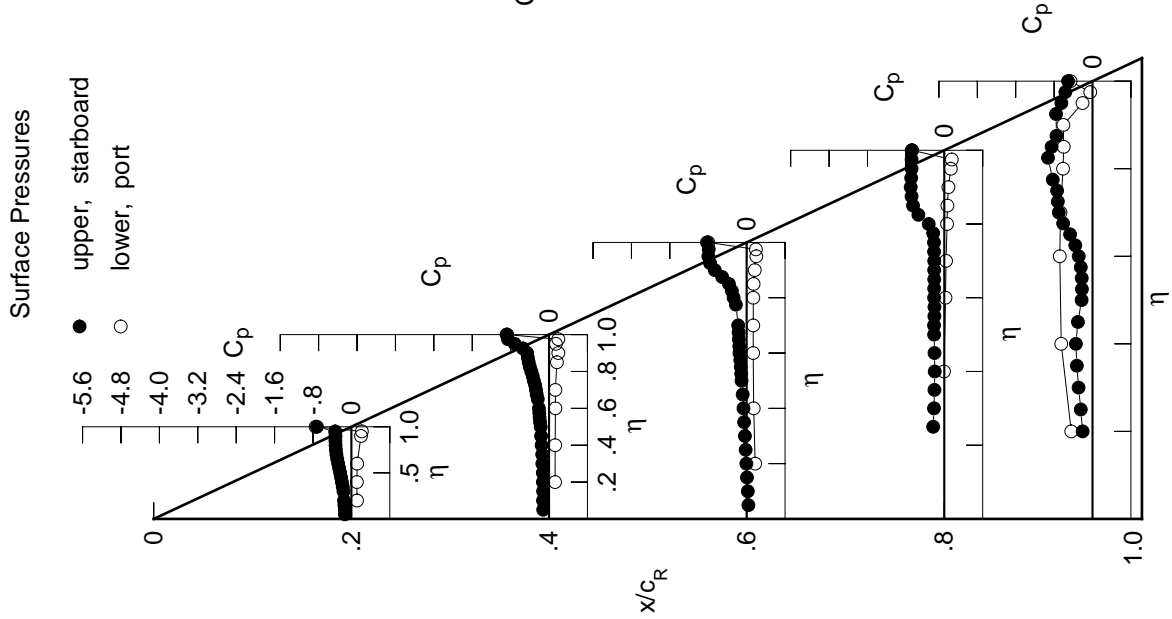
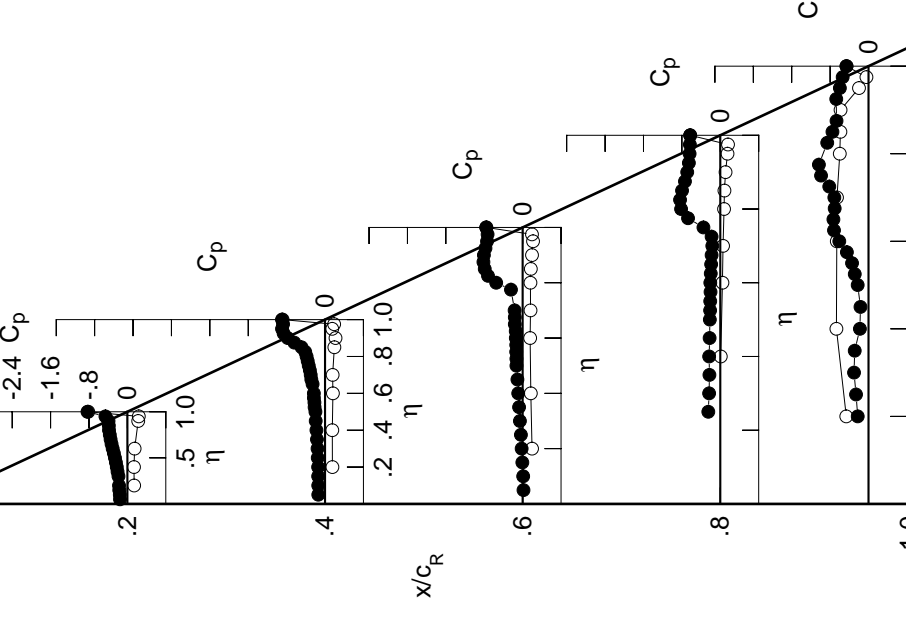
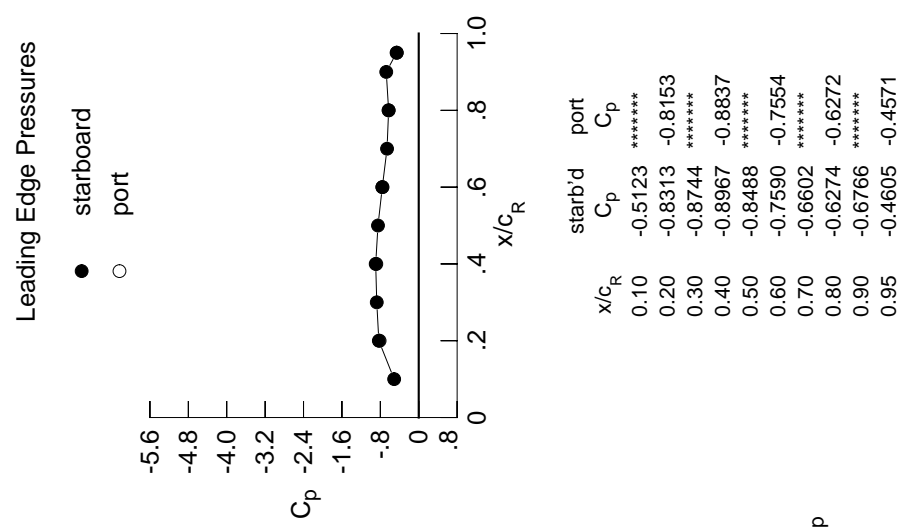


Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1538	-0.1408	0.0179	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1587	-0.1419	0.0113	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1698	-0.1436	-0.0061	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1746	-0.1444	-0.0208	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1524	-0.0360	-0.2498	-0.2598	*****	*****	*****	*****	*****
0.300	-0.1860	-0.1562	-0.0570	-0.2330	-0.3019	*****	*****	*****	*****	*****
0.350	-0.2046	-0.1681	-0.0746	-0.2266	-0.2871	*****	*****	*****	*****	*****
0.400	-0.2207	-0.1790	-0.0921	-0.2323	-0.1794	*****	*****	*****	*****	*****
0.450	-0.2391	-0.1945	-0.1086	-0.2221	-0.1673	*****	*****	*****	*****	*****
0.500	-0.2595	-0.2002	-0.1295	-0.2173	-0.2256	*****	*****	*****	*****	*****
0.525	*****	-0.2176	-0.1306	-0.2121	-0.2866	*****	*****	*****	*****	*****
0.550	-0.2817	-0.2212	-0.1343	-0.2094	-0.3435	*****	*****	*****	*****	*****
0.575	*****	-0.2319	-0.1332	-0.2034	-0.4504	*****	*****	*****	*****	*****
0.600	-0.3063	-0.2331	-0.1427	-0.2083	-0.6087	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1444	-0.1983	-0.7193	*****	*****	*****	*****	*****
0.650	-0.3297	-0.2591	-0.1632	-0.1903	-0.7314	*****	*****	*****	*****	*****
0.675	*****	-0.2855	-0.1631	-0.1809	-0.7049	*****	*****	*****	*****	*****
0.700	-0.3494	-0.2984	-0.1673	-0.1662	-0.7122	*****	*****	*****	*****	*****
0.725	*****	-0.3158	*****	-0.1812	-0.8178	*****	*****	*****	*****	*****
0.750	-0.3667	-0.3392	*****	-0.3510	-0.9885	*****	*****	*****	*****	*****
0.775	*****	-0.3605	-0.2434	-0.6723	-1.0337	*****	*****	*****	*****	*****
0.800	-0.3828	-0.3841	-0.5510	-0.8172	*****	*****	*****	*****	*****	*****
0.825	*****	-0.4130	-0.7216	-0.8388	-0.8600	*****	*****	*****	*****	*****
0.850	-0.3866	-0.4900	-0.7897	-0.7969	-0.7515	*****	*****	*****	*****	*****
0.875	*****	-0.6394	-0.8164	-0.7358	-0.6667	*****	*****	*****	*****	*****
0.900	-0.3931	-0.7778	-0.8076	-0.6884	*****	*****	*****	*****	*****	*****
0.925	*****	-0.8623	-0.7744	-0.6547	-0.6720	*****	*****	*****	*****	*****
0.950	-0.4575	-0.8964	-0.7419	-0.6391	-0.5971	*****	*****	*****	*****	*****
0.975	*****	-0.8746	-0.7307	-0.6335	-0.5382	*****	*****	*****	*****	*****
1.000	-0.8313	-0.8967	-0.7590	-0.6274	-0.4605	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1410	0.1534	0.1958	*****	-0.4629	*****	*****	*****	*****	*****
-0.600	0.1376	0.1513	0.1704	0.0103	-0.6686	*****	*****	*****	*****	*****
-0.700	0.1504	0.1643	0.1559	0.0445	-0.6608	*****	*****	*****	*****	*****
-0.800	*****	0.1581	0.1638	0.0572	-0.6570	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1624	0.0787	-0.5982	*****	*****	*****	*****	*****
-0.900	*****	0.1941	0.1704	0.0864	-0.5855	*****	*****	*****	*****	*****
-0.950	0.2254	0.2182	0.1950	0.1095	-0.5826	*****	*****	*****	*****	*****
-0.975	0.2377	0.1500	0.2167	0.1501	-0.1980	*****	*****	*****	*****	*****
-1.000	*****	0.1895	0.1948	0.1606	-0.0435	*****	*****	*****	*****	*****
	-0.8153	-0.8837	-0.7554	-0.6272	-0.4571	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 41, Point No. = 846
 $C_N = 0.365$, $C_m = -0.0681$
 $\alpha = 8.3^\circ$, $M_\infty = 0.849$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.5123	*****
0.20	-0.8313	-0.8153
0.30	-0.8744	*****
0.40	-0.8967	-0.8837
0.50	-0.8488	*****
0.60	-0.7590	-0.7554
0.70	-0.6602	*****
0.80	-0.6274	-0.6272
0.90	-0.6766	*****
0.95	-0.4605	-0.4571

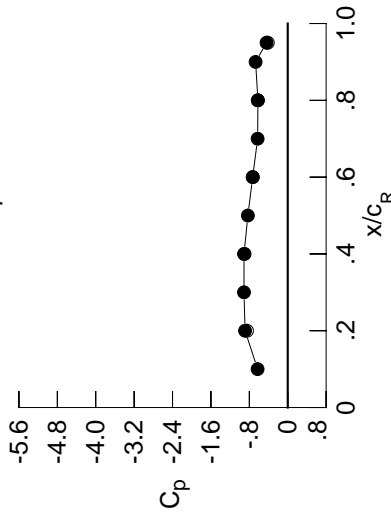
Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1766	-0.1614	0.0006	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1840	-0.1636	-0.0102	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1906	-0.1651	-0.0267	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1973	-0.1686	-0.0403	*****	*****	*****	*****	*****	*****	-0.2857
0.250	*****	-0.1743	-0.0573	-0.2684	-0.2684	-0.2932	*****	*****	*****	-0.2932
0.300	-0.2126	-0.1859	-0.0858	-0.2585	-0.2319	*****	*****	*****	*****	-0.2319
0.350	-0.2299	-0.1974	-0.1123	-0.2598	-0.1016	*****	*****	*****	*****	-0.1016
0.400	-0.2487	-0.2147	-0.1190	-0.2380	-0.1377	*****	*****	*****	*****	-0.1377
0.450	-0.2658	-0.2240	-0.1201	-0.2282	-0.2269	*****	*****	*****	*****	-0.2269
0.500	-0.2876	-0.2267	-0.1297	-0.2209	-0.3541	*****	*****	*****	*****	-0.3541
0.525	*****	-0.2335	-0.1323	-0.2221	-0.4488	*****	*****	*****	*****	-0.4488
0.550	-0.3122	-0.2396	-0.1388	-0.2147	-0.5602	*****	*****	*****	*****	-0.5602
0.575	*****	-0.2435	-0.1425	-0.2107	-0.6684	*****	*****	*****	*****	-0.6684
0.600	-0.3370	-0.2467	-0.1493	-0.2053	-0.6971	*****	*****	*****	*****	-0.6971
0.625	*****	*****	-0.1456	-0.1920	-0.6925	*****	*****	*****	*****	-0.6925
0.650	-0.3618	-0.2628	-0.1469	-0.1806	-0.6810	*****	*****	*****	*****	-0.6810
0.675	*****	-0.2868	-0.1374	-0.1831	-0.6969	*****	*****	*****	*****	-0.6969
0.700	-0.3845	-0.3054	-0.1249	-0.2671	-0.8161	*****	*****	*****	*****	-0.8161
0.725	*****	-0.3140	*****	-0.5118	-0.9702	*****	*****	*****	*****	-0.9702
0.750	-0.4031	-0.3122	*****	-0.7878	-1.0697	*****	*****	*****	*****	-1.0697
0.775	*****	-0.3771	-0.8603	-0.9373	-1.0179	*****	*****	*****	*****	-1.0179
0.800	-0.4147	-0.6092	-0.9419	-0.9427	*****	*****	*****	*****	*****	*****
0.825	*****	-0.7751	-0.9385	-0.9343	-0.6547	*****	*****	*****	*****	-0.6547
0.850	-0.4229	-0.8679	-0.9083	-0.8090	-0.6013	*****	*****	*****	*****	-0.6013
0.875	*****	-0.9174	-0.8456	-0.7187	-0.6068	*****	*****	*****	*****	-0.6068
0.900	-0.5554	-0.9231	-0.7825	-0.6940	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9197	-0.7401	-0.6472	-0.6164	*****	*****	*****	*****	-0.6164
0.950	-0.7714	-0.8995	-0.7174	-0.6376	-0.5521	*****	*****	*****	*****	-0.5521
0.975	*****	-0.8836	-0.7047	-0.6296	-0.5086	*****	*****	*****	*****	-0.5086
1.000	-0.8888	-0.9106	-0.7304	-0.6206	-0.4413	*****	*****	*****	*****	-0.4413
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1669	0.1707	0.2128	*****	*****	*****	*****	*****	*****	-0.5015
-0.600	0.1607	0.1748	0.1833	0.0243	-0.6844	*****	*****	*****	*****	-0.6844
-0.700	0.1767	0.1824	0.1738	0.0547	-0.6616	*****	*****	*****	*****	-0.6616
-0.800	*****	0.1847	0.1785	0.0703	-0.6481	*****	*****	*****	*****	-0.6481
-0.850	*****	*****	0.1825	0.0915	-0.5872	*****	*****	*****	*****	-0.5872
-0.900	*****	0.2160	0.1907	0.1011	-0.5702	*****	*****	*****	*****	-0.5702
-0.950	0.2445	0.2362	0.2127	0.1257	-0.5559	*****	*****	*****	*****	-0.5559
-0.975	0.2506	0.1509	0.2237	0.1583	-0.1866	*****	*****	*****	*****	-0.1866
-1.000	*****	0.1832	0.1887	0.1568	-0.0392	*****	*****	*****	*****	-0.0392
		-0.8478	-0.8995	-0.7272	-0.6244	-0.4154	*****	*****	*****	-0.4154

Small Radius L.E.
 Run No. = 41, Point No. = 847
 $C_N = 0.423$, $C_m = -0.0802$
 $\alpha = 9.4^\circ$, $M_\infty = 0.851$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.6278	*****
0.20	-0.8888	-0.8478
0.30	-0.9111	*****
0.40	-0.9106	-0.8995
0.50	-0.8302	*****
0.60	-0.7304	-0.7272
0.70	-0.6270	*****
0.80	-0.6206	-0.6244
0.90	-0.6695	*****
0.95	-0.4413	-0.4154

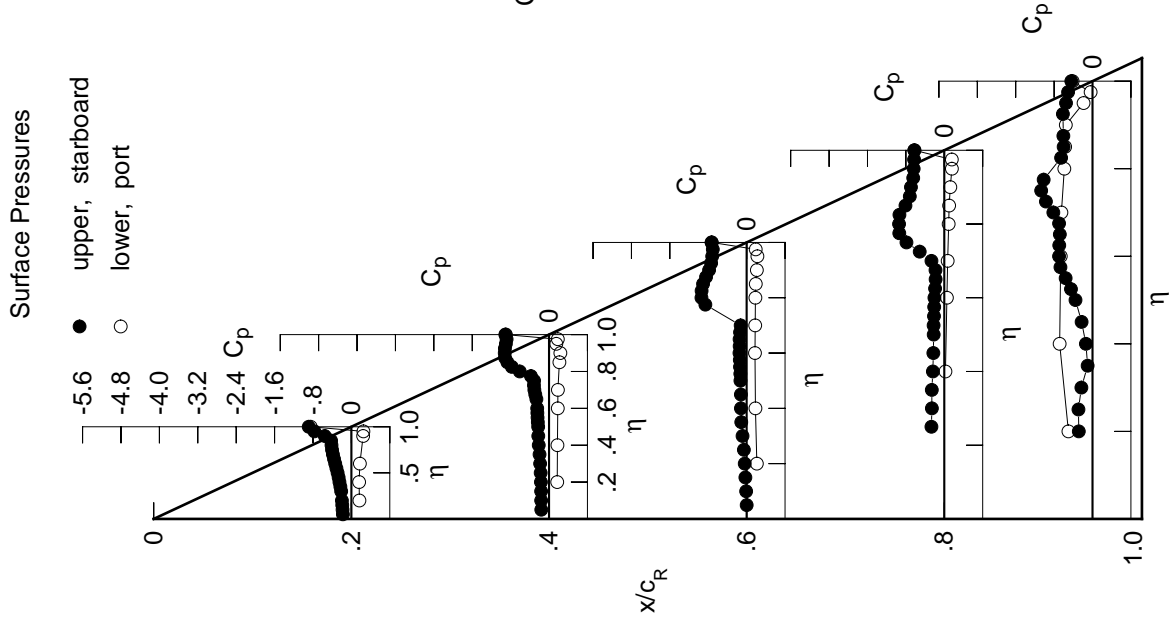
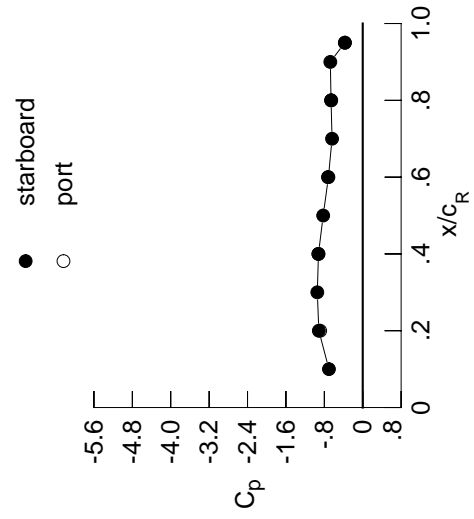


Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1991	-0.1904	-0.0218	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2053	-0.1891	-0.0304	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2132	-0.1908	-0.0488	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2230	-0.1955	-0.0644	*****	*****	*****	*****	*****	*****	-0.3633
0.250	*****	-0.2086	-0.0886	-0.2986	-0.2897	*****	*****	*****	*****	-0.2897
0.300	-0.2393	-0.2195	-0.1192	-0.2906	-0.1413	*****	*****	*****	*****	-0.1413
0.350	-0.2567	-0.2245	-0.1270	-0.2680	-0.1467	*****	*****	*****	*****	-0.1467
0.400	-0.2785	-0.2388	-0.1260	-0.2554	-0.1917	*****	*****	*****	*****	-0.1917
0.450	-0.2956	-0.2513	-0.1276	-0.2476	-0.2982	*****	*****	*****	*****	-0.2982
0.500	-0.3127	-0.2457	-0.1486	-0.2398	-0.4565	*****	*****	*****	*****	-0.4565
0.525	*****	-0.2495	-0.1514	-0.2375	-0.5703	*****	*****	*****	*****	-0.5703
0.550	-0.3367	-0.2565	-0.1546	-0.2275	-0.6316	*****	*****	*****	*****	-0.6316
0.575	*****	-0.2576	-0.1511	-0.2191	-0.6639	*****	*****	*****	*****	-0.6639
0.600	-0.3647	-0.2614	-0.1519	-0.2162	-0.6650	*****	*****	*****	*****	-0.6650
0.625	*****	*****	-0.1408	-0.2135	-0.6771	*****	*****	*****	*****	-0.6771
0.650	-0.3899	-0.2610	-0.1344	-0.2444	-0.7314	*****	*****	*****	*****	-0.7314
0.675	*****	-0.2568	-0.1515	-0.3568	-0.8378	*****	*****	*****	*****	-0.8378
0.700	-0.4096	-0.2308	-0.2808	-0.5875	-0.9829	*****	*****	*****	*****	-0.9829
0.725	*****	-0.2642	*****	-0.8394	-1.0820	*****	*****	*****	*****	-1.0820
0.750	-0.4142	-0.6452	*****	-1.0049	-0.8911	*****	*****	*****	*****	-0.8911
0.775	*****	-0.9185	-1.0626	-1.0636	-0.6419	*****	*****	*****	*****	-0.6419
0.800	-0.4340	-0.9986	-1.0540	-0.9221	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0063	-1.0271	-0.8131	-0.5619	*****	*****	*****	*****	-0.5619
0.850	-0.6241	-0.9979	-0.9673	-0.7822	-0.5519	*****	*****	*****	*****	-0.5519
0.875	*****	-0.9816	-0.8507	-0.7525	-0.5599	*****	*****	*****	*****	-0.5599
0.900	-0.8283	-0.9479	-0.7893	-0.7041	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9300	-0.7489	-0.6737	-0.5518	*****	*****	*****	*****	-0.5518
0.950	-0.9273	-0.9128	-0.7130	-0.6811	-0.4859	*****	*****	*****	*****	-0.4859
0.975	*****	-0.8993	-0.6966	-0.6696	-0.4238	*****	*****	*****	*****	-0.4238
1.000	-0.9144	-0.9224	-0.7148	-0.6601	-0.3730	*****	*****	*****	*****	-0.3730
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1894	0.1905	0.2272	*****	-0.5159	*****	*****	*****	*****	-0.5159
-0.600	0.1877	0.1950	0.1976	0.0359	-0.6762	*****	*****	*****	*****	-0.6762
-0.700	0.2036	0.2029	0.1901	0.0698	-0.6595	*****	*****	*****	*****	-0.6595
-0.800	*****	0.2062	0.1959	0.0819	-0.6374	*****	*****	*****	*****	-0.6374
-0.850	*****	*****	0.2013	0.1057	-0.5760	*****	*****	*****	*****	-0.5760
-0.900	*****	0.2375	0.2090	0.1149	-0.5567	*****	*****	*****	*****	-0.5567
-0.950	0.2643	0.2526	0.2280	0.1387	-0.5322	*****	*****	*****	*****	-0.5322
-0.975	0.2644	0.1524	0.2280	0.1645	-0.1783	*****	*****	*****	*****	-0.1783
-1.000	*****	0.1722	0.1812	0.1499	-0.0355	*****	*****	*****	*****	-0.0355
-1.000	-0.8867	-0.9242	-0.7238	-0.6558	-0.3703	*****	*****	*****	*****	-0.3703

Small Radius L.E.
 Run No. = 41, Point No. = 848
 $C_N = 0.475$, $C_m = -0.0858$
 $\alpha = 10.4^\circ$, $M_\infty = 0.853$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.7041	*****
0.20	-0.9144	-0.8867
0.30	-0.9462	*****
0.40	-0.9224	-0.9242
0.50	-0.8237	*****
0.60	-0.7148	-0.7238
0.70	-0.6392	*****
0.80	-0.6601	-0.6558
0.90	-0.6752	*****
0.95	-0.3730	-0.3703

Surface Pressures

● upper, starboard
 ○ lower, port

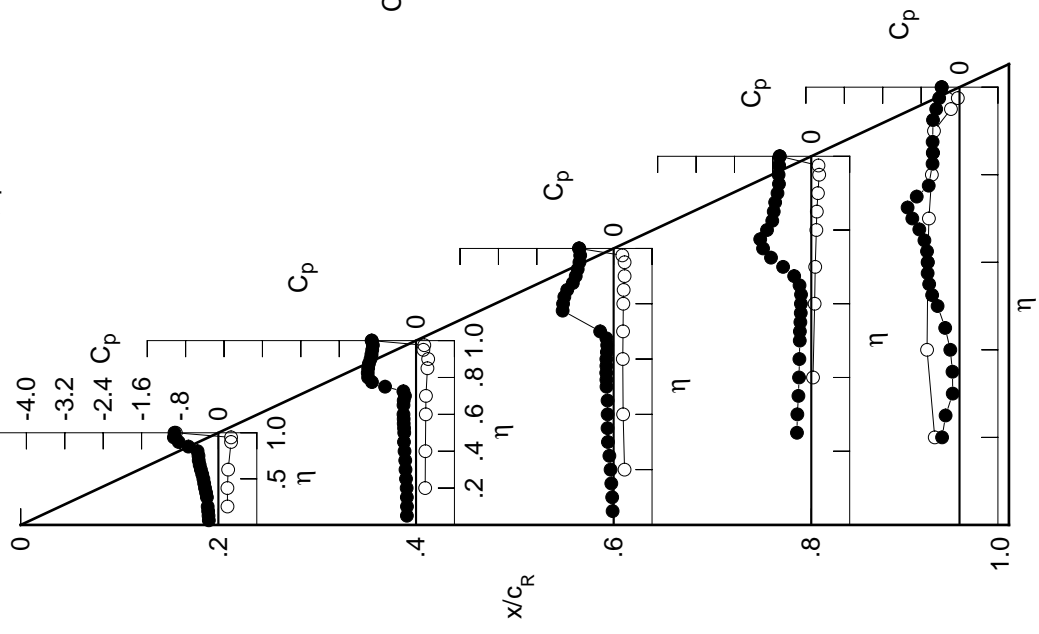
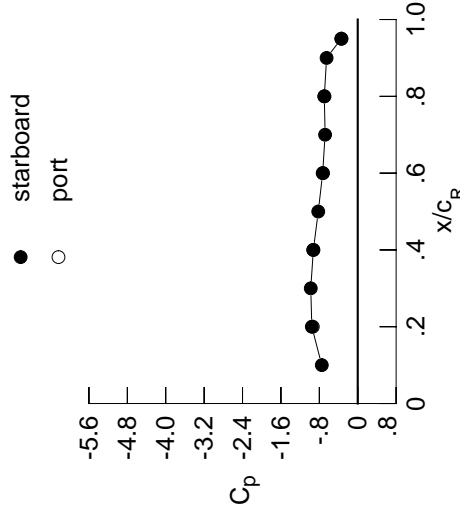


Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2185	-0.2187	-0.0410	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2254	-0.2139	-0.0506	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2384	-0.2197	-0.0688	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2457	-0.2280	-0.0936	*****	*****	*****	*****	*****	*****	-0.3440
0.250	*****	-0.2476	-0.1161	-0.3230	-0.2975	-0.1407	*****	*****	*****	-0.2186
0.300	-0.2628	-0.2485	-0.1262	-0.2975	-0.1407	*****	*****	*****	*****	-0.1407
0.350	-0.2782	-0.2480	-0.1346	-0.2857	-0.1717	*****	*****	*****	*****	-0.1717
0.400	-0.3049	-0.2550	-0.1396	-0.2714	-0.2611	*****	*****	*****	*****	-0.2611
0.450	-0.3220	-0.2644	-0.1448	-0.2637	-0.3903	*****	*****	*****	*****	-0.3903
0.500	-0.3363	-0.2657	-0.1607	-0.2539	-0.5413	*****	*****	*****	*****	-0.5413
0.525	*****	-0.2670	-0.1613	-0.2482	-0.6021	*****	*****	*****	*****	-0.6021
0.550	-0.3558	-0.2715	-0.1604	-0.2419	-0.6196	*****	*****	*****	*****	-0.6196
0.575	*****	-0.2698	-0.1533	-0.2423	-0.6447	*****	*****	*****	*****	-0.6447
0.600	-0.3839	-0.2646	-0.1537	-0.2627	-0.6729	*****	*****	*****	*****	-0.6729
0.625	*****	*****	-0.1586	-0.3108	-0.7472	*****	*****	*****	*****	-0.7472
0.650	-0.4059	-0.2236	-0.2277	-0.4312	-0.8689	*****	*****	*****	*****	-0.8689
0.675	*****	-0.2158	-0.4280	-0.6356	-0.9953	*****	*****	*****	*****	-0.9953
0.700	-0.4010	-0.4309	-0.7466	-0.8714	-1.1139	*****	*****	*****	*****	-1.1139
0.725	*****	-0.9042	*****	-1.0513	-0.8892	*****	*****	*****	*****	-0.8892
0.750	-0.4123	-1.1080	*****	-1.1413	-0.6545	*****	*****	*****	*****	-0.6545
0.775	*****	-1.1433	-1.1553	-0.9697	-0.5778	*****	*****	*****	*****	-0.5778
0.800	-0.6790	-1.1204	-1.1210	-0.8000	*****	*****	*****	*****	*****	-0.8000
0.825	*****	-1.0880	-1.0296	-0.7697	-0.5366	*****	*****	*****	*****	-0.5366
0.850	-0.9094	-1.0480	-0.8958	-0.7789	-0.5228	*****	*****	*****	*****	-0.5228
0.875	*****	-1.0002	-0.8389	-0.7613	-0.5273	*****	*****	*****	*****	-0.5273
0.900	-0.9337	-0.9563	-0.8116	-0.7194	*****	*****	*****	*****	*****	-0.7194
0.925	*****	-0.9340	-0.7623	-0.7099	-0.5017	*****	*****	*****	*****	-0.5017
0.950	-1.0031	-0.9194	-0.7317	-0.7172	-0.4326	*****	*****	*****	*****	-0.4326
0.975	*****	-0.9057	-0.7130	-0.7042	-0.3822	*****	*****	*****	*****	-0.3822
1.000	-0.9562	-0.9243	-0.7301	-0.6960	-0.3424	*****	*****	*****	*****	-0.3424
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2193	0.2140	0.2457	*****	-0.5534	*****	*****	*****	*****	-0.5534
-0.600	0.2162	0.2204	0.2182	0.0508	-0.6732	*****	*****	*****	*****	-0.6732
-0.700	0.2338	0.2274	0.2096	0.0833	-0.6549	*****	*****	*****	*****	-0.6549
-0.800	*****	0.2324	0.2163	0.0990	-0.6343	*****	*****	*****	*****	-0.6343
-0.850	*****	*****	0.2208	0.1192	-0.5652	*****	*****	*****	*****	-0.5652
-0.900	*****	0.2613	0.2268	0.1316	-0.5438	*****	*****	*****	*****	-0.5438
-0.950	0.2859	0.2693	0.2450	0.1525	-0.5140	*****	*****	*****	*****	-0.5140
-0.975	0.2774	0.1557	0.2323	0.1727	-0.1681	*****	*****	*****	*****	-0.1681
-1.000	*****	0.1639	0.1739	0.1471	-0.0301	*****	*****	*****	*****	-0.0301
-1.000	-0.9359	-0.9264	-0.7235	-0.6941	-0.3384	*****	*****	*****	*****	-0.3384

Small Radius L.E.
 Run No. = 41, Point No. = 849
 $C_N = 0.528$, $C_m = -0.0932$
 $\alpha = 11.4^\circ$, $M_\infty = 0.850$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.7491	*****
0.20	-0.9562	-0.9359
0.30	-0.9786	*****
0.40	-0.9243	-0.9264
0.50	-0.8221	*****
0.60	-0.7301	-0.7235
0.70	-0.6798	*****
0.80	-0.6960	-0.6941
0.90	-0.6491	*****
0.95	-0.3424	-0.3384

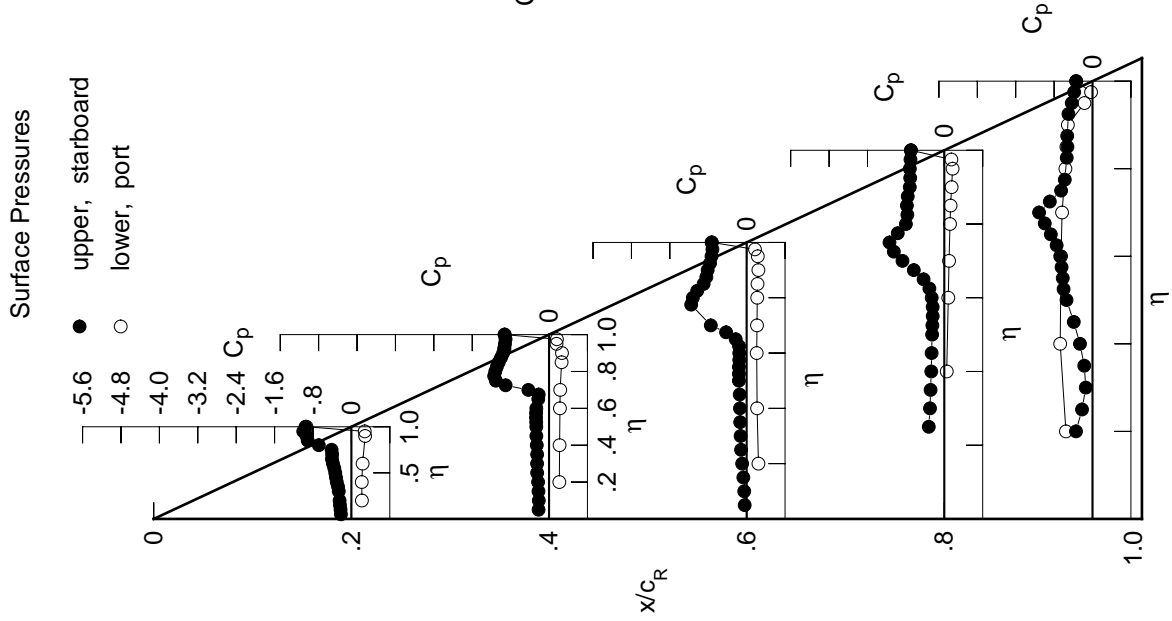
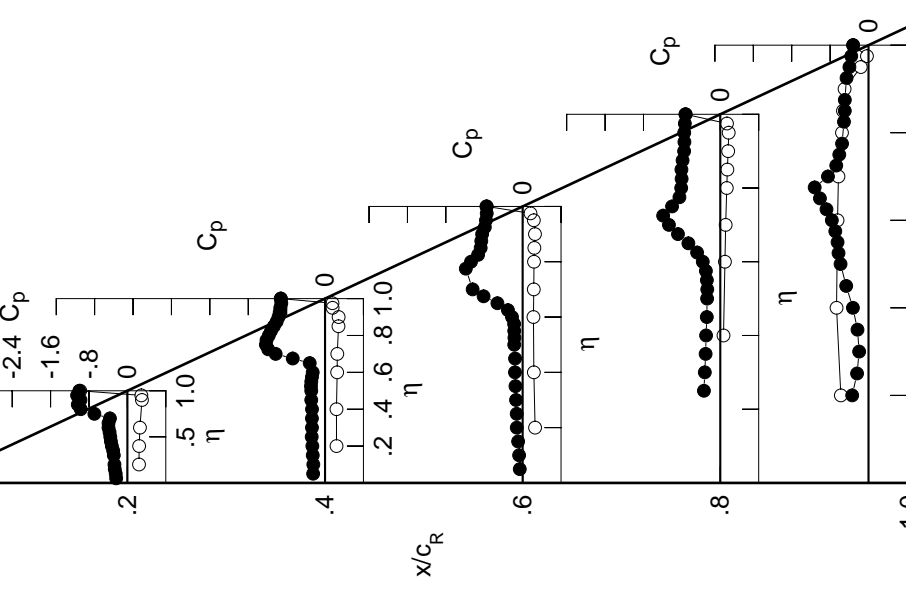
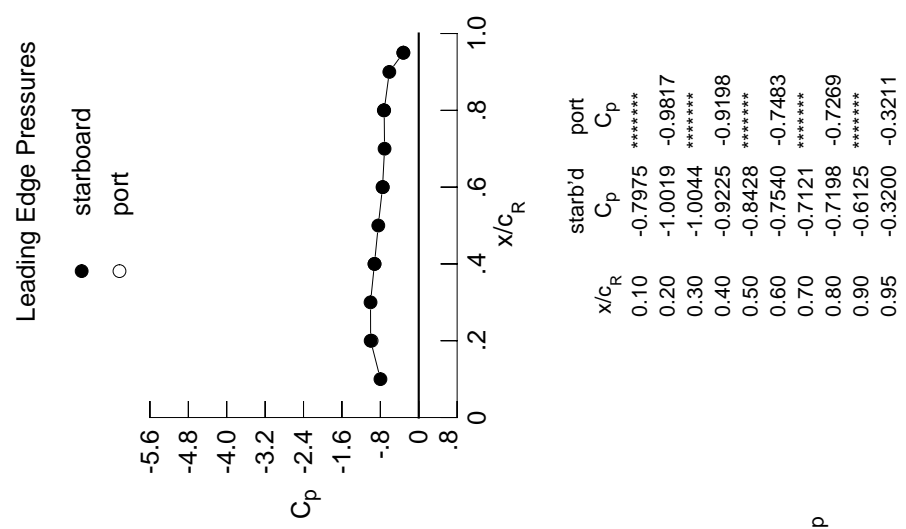


Table C1. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2334	-0.2480	-0.0603	*****	*****
0.100	-0.2435	-0.2444	-0.0739	*****	*****
0.150	-0.2634	-0.2562	-0.0942	*****	*****
0.200	-0.2693	-0.2638	-0.1225	*****	-0.3402
0.250	*****	-0.2773	-0.1238	-0.3410	-0.2382
0.300	-0.2831	-0.2716	-0.1378	-0.3224	-0.1955
0.350	-0.2958	-0.2731	-0.1498	-0.3054	-0.2296
0.400	-0.3236	-0.2710	-0.1604	-0.2962	-0.3248
0.450	-0.3431	-0.2874	-0.1586	-0.2806	-0.4646
0.500	-0.3558	-0.2870	-0.1753	-0.2747	-0.5827
0.525	*****	-0.2925	-0.1714	-0.2715	-0.6248
0.550	-0.3715	-0.2866	-0.1753	-0.2793	-0.6450
0.575	*****	-0.2720	-0.1773	-0.3004	-0.6918
0.600	-0.3937	-0.2568	-0.2214	-0.3649	-0.7644
0.625	*****	*****	-0.3064	-0.4832	-0.8750
0.650	-0.3928	-0.3195	-0.5254	-0.6649	-1.0119
0.675	*****	-0.6728	-0.8133	-0.8817	-1.1216
0.700	-0.3635	-1.0284	-1.0416	-1.0699	-0.8451
0.725	*****	-1.1837	*****	-1.1903	-0.6718
0.750	-0.6882	-1.2318	*****	-1.0044	-0.6085
0.775	*****	-1.2192	-1.1844	-0.8516	-0.5513
0.800	-0.9721	-1.1709	-1.0759	-0.8143	*****
0.825	*****	-1.1250	-0.9287	-0.8055	-0.5115
0.850	-1.0336	-1.0661	-0.8746	-0.8094	-0.4943
0.875	*****	-1.0077	-0.8619	-0.7858	-0.4934
0.900	-0.9767	-0.9688	-0.8441	-0.7540	*****
0.925	*****	-0.9452	-0.7881	-0.7468	-0.4577
0.950	-1.0476	-0.9322	-0.7638	-0.7510	-0.3973
0.975	*****	-0.9116	-0.7479	-0.7386	-0.3590
1.000	-1.0019	-0.9225	-0.7540	-0.7198	-0.3200
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2425	0.2390	0.2595	*****	-0.5761
-0.400	0.2446	0.2381	0.2337	0.0670	-0.6660
-0.600	0.2619	0.2529	0.2251	0.0971	-0.6452
-0.700	*****	0.2551	0.2318	0.1120	-0.6265
-0.800	*****	*****	0.2370	0.1350	-0.5531
-0.850	*****	0.2803	0.2441	0.1471	-0.5318
-0.900	0.3032	0.2833	0.2568	0.1644	-0.4982
-0.950	0.2905	0.1567	0.2329	0.1755	-0.1611
-0.975	*****	0.1540	0.1630	0.1395	-0.0326
-1.000	-0.9817	-0.9198	-0.7483	-0.7269	-0.3211

Small Radius L.E.
 Run No. = 41, Point No. = 850
 $C_N = 0.582$, $C_m = -0.1010$
 $\alpha = 12.4^\circ$, $M_\infty = 0.850$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.7975	*****
0.20	-1.0019	-0.9817
0.30	-1.0044	*****
0.40	-0.9225	-0.9198
0.50	-0.8428	*****
0.60	-0.7540	-0.7483
0.70	-0.7121	*****
0.80	-0.7198	-0.7269
0.90	-0.6125	*****
0.95	-0.3200	-0.3211

Table C1. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2546	-0.2818	-0.0793	*****	*****
0.100	-0.2664	-0.2777	-0.0920	*****	*****
0.150	-0.2861	-0.2914	-0.1155	*****	*****
0.200	-0.2906	-0.2950	-0.1333	*****	-0.3160
0.250	*****	-0.3013	-0.1370	-0.3648	-0.2154
0.300	-0.2966	-0.2988	-0.1522	-0.3438	-0.2101
0.350	-0.3072	-0.3010	-0.1647	-0.3307	-0.2770
0.400	-0.3295	-0.3032	-0.1749	-0.3185	-0.3937
0.450	-0.3634	-0.3077	-0.1729	-0.3074	-0.5381
0.500	-0.3745	-0.2989	-0.1889	-0.3083	-0.6259
0.525	*****	-0.2959	-0.1926	-0.3205	-0.6683
0.550	-0.3741	-0.2906	-0.2121	-0.3465	-0.7049
0.575	*****	-0.2828	-0.2526	-0.4109	-0.7845
0.600	-0.3589	-0.3090	-0.3805	-0.5270	-0.8880
0.625	*****	*****	-0.5674	-0.6929	-1.0197
0.650	-0.3664	-0.8073	-0.8470	-0.8862	-1.1465
0.675	*****	-1.1194	-1.0806	-1.0739	-0.7434
0.700	-0.7532	-1.2513	-1.2327	-1.2120	-0.6768
0.725	*****	-1.2758	*****	-0.9645	-0.6042
0.750	-1.0194	-1.2775	*****	-0.8571	-0.5552
0.775	*****	-1.2567	-1.0705	-0.8424	-0.5201
0.800	-1.0899	-1.1917	-0.9431	-0.8516	*****
0.825	*****	-1.1286	-0.9036	-0.8598	-0.4881
0.850	-1.0805	-1.0625	-0.9005	-0.8556	-0.4670
0.875	*****	-1.0141	-0.8985	-0.8086	-0.4571
0.900	-1.0032	-0.9831	-0.8583	-0.7901	*****
0.925	*****	-0.9607	-0.8162	-0.7891	-0.4175
0.950	-1.0690	-0.9410	-0.8043	-0.7905	-0.3685
0.975	*****	-0.9266	-0.7877	-0.7783	-0.3390
1.000	-1.0284	-0.9367	-0.7895	-0.7627	-0.3067
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2731	0.2611	0.2793	*****	-0.5937
-0.400	0.2721	0.2642	0.2526	0.0785	-0.6619
-0.600	0.2895	0.2753	0.2437	0.1109	-0.6381
-0.700	*****	0.2800	0.2506	0.1287	-0.6151
-0.800	*****	*****	0.2550	0.1489	-0.5429
-0.850	*****	0.2992	0.2607	0.1607	-0.5183
-0.900	0.3222	0.2958	0.2685	0.1771	-0.4797
-0.950	0.3016	0.1565	0.2316	0.1795	-0.1539
-0.975	*****	0.1445	0.1484	0.1301	-0.0337
-1.000	-1.0238	-0.9278	-0.8033	-0.7671	-0.3101

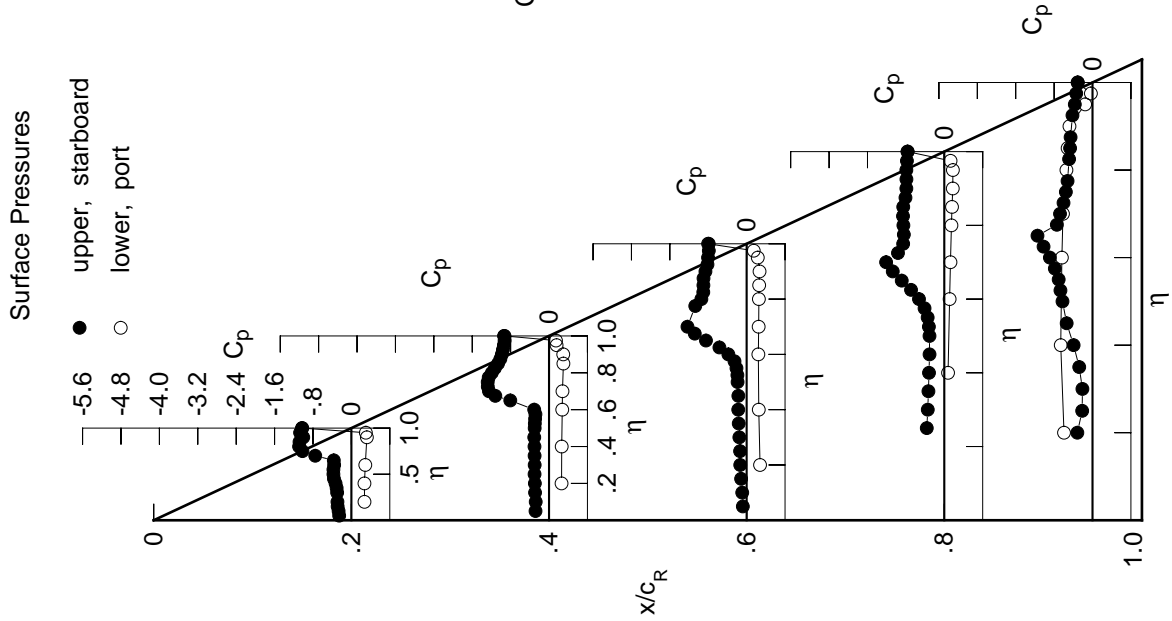
Small Radius L.E.

Run No. = 41, Point No. = 851

$C_N = 0.632$, $C_m = -0.1061$

$\alpha = 13.5^\circ$, $M_\infty = 0.851$

$R_{mac} = 6.0 \times 10^6$



Leading Edge Pressures

- starboard
- port

x/c_R	starb'd C_p	port C_p
0.10	-0.8469	*****
0.20	-1.0284	-1.0238
0.30	-1.0151	*****
0.40	-0.9367	-0.9278
0.50	-0.8674	*****
0.60	-0.7895	-0.8033
0.70	-0.7490	*****
0.80	-0.7627	-0.7671
0.90	-0.5683	*****
0.95	-0.3067	-0.3101

Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2750	-0.3083	-0.0992	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2903	-0.3106	-0.1130	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3084	-0.3208	-0.1361	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3129	-0.3198	-0.1435	*****	*****	*****	*****	*****	*****	-0.2967
0.250	*****	-0.3237	-0.1541	-0.3870	-0.1997	*****	*****	*****	*****	*****
0.300	-0.3112	-0.3254	-0.1688	-0.3661	-0.2282	*****	*****	*****	*****	*****
0.350	-0.3228	-0.3229	-0.1843	-0.3528	-0.3184	*****	*****	*****	*****	*****
0.400	-0.3429	-0.3278	-0.1904	-0.3386	-0.4466	*****	*****	*****	*****	*****
0.450	-0.3710	-0.3255	-0.1921	-0.3345	-0.5720	*****	*****	*****	*****	*****
0.500	-0.3821	-0.3130	-0.2223	-0.3531	-0.6550	*****	*****	*****	*****	*****
0.525	*****	-0.3150	-0.2494	-0.3872	-0.7095	*****	*****	*****	*****	*****
0.550	-0.3616	-0.3248	-0.3111	-0.4465	-0.7709	*****	*****	*****	*****	*****
0.575	*****	-0.3728	-0.4146	-0.5542	-0.8743	*****	*****	*****	*****	*****
0.600	-0.2992	-0.5193	-0.6218	-0.7036	-0.9897	*****	*****	*****	*****	*****
0.625	*****	*****	-0.8380	-0.8791	-1.1221	*****	*****	*****	*****	*****
0.650	-0.7616	-1.1034	-1.0700	-1.0617	-0.7628	*****	*****	*****	*****	*****
0.675	*****	-1.3018	-1.2365	-1.2120	-0.6712	*****	*****	*****	*****	*****
0.700	-1.0804	-1.3701	-1.3430	-1.0250	-0.6192	*****	*****	*****	*****	*****
0.725	*****	-1.3436	*****	-0.8804	-0.5552	*****	*****	*****	*****	*****
0.750	-1.1334	-1.3230	*****	-0.8615	-0.5240	*****	*****	*****	*****	*****
0.775	*****	-1.2951	-1.0128	-0.8695	-0.4997	*****	*****	*****	*****	*****
0.800	-1.1370	-1.2249	-0.9686	-0.8828	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1440	-0.9524	-0.8905	-0.4678	*****	*****	*****	*****	*****
0.850	-1.1112	-1.0753	-0.9528	-0.8698	-0.4455	*****	*****	*****	*****	*****
0.875	*****	-1.0385	-0.9298	-0.8249	-0.4346	*****	*****	*****	*****	*****
0.900	-1.0386	-1.0116	-0.8832	-0.8209	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9830	-0.8545	-0.8265	-0.3957	*****	*****	*****	*****	*****
0.950	-1.1050	-0.9613	-0.8454	-0.8267	-0.3540	*****	*****	*****	*****	*****
0.975	*****	-0.9440	-0.8272	-0.8167	-0.3283	*****	*****	*****	*****	*****
1.000	-1.0641	-0.9462	-0.8276	-0.8014	-0.2987	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3000	0.2841	0.2971	*****	-0.5912	*****	*****	*****	*****	*****
-0.600	0.3005	0.2890	0.2698	0.0948	-0.6538	*****	*****	*****	*****	*****
-0.700	0.3179	0.2992	0.2633	0.1281	-0.6313	*****	*****	*****	*****	*****
-0.800	*****	0.3020	0.2689	0.1416	-0.6050	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2727	0.1658	-0.5303	*****	*****	*****	*****	*****
-0.900	0.3393	0.3053	0.2807	0.1891	-0.4647	*****	*****	*****	*****	*****
-0.950	0.3112	0.1553	0.2312	0.1804	-0.1481	*****	*****	*****	*****	*****
-0.975	*****	0.1316	0.1337	0.1194	-0.0368	*****	*****	*****	*****	*****
-1.000	-1.0661	-0.9413	-0.8449	-0.8040	-0.3060	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 41, Point No. = 852
 $C_N = 0.683$, $C_m = -0.1125$
 $\alpha = 14.5^\circ$, $M_\infty = 0.850$
 $R_{mac} = 6.0 \times 10^6$

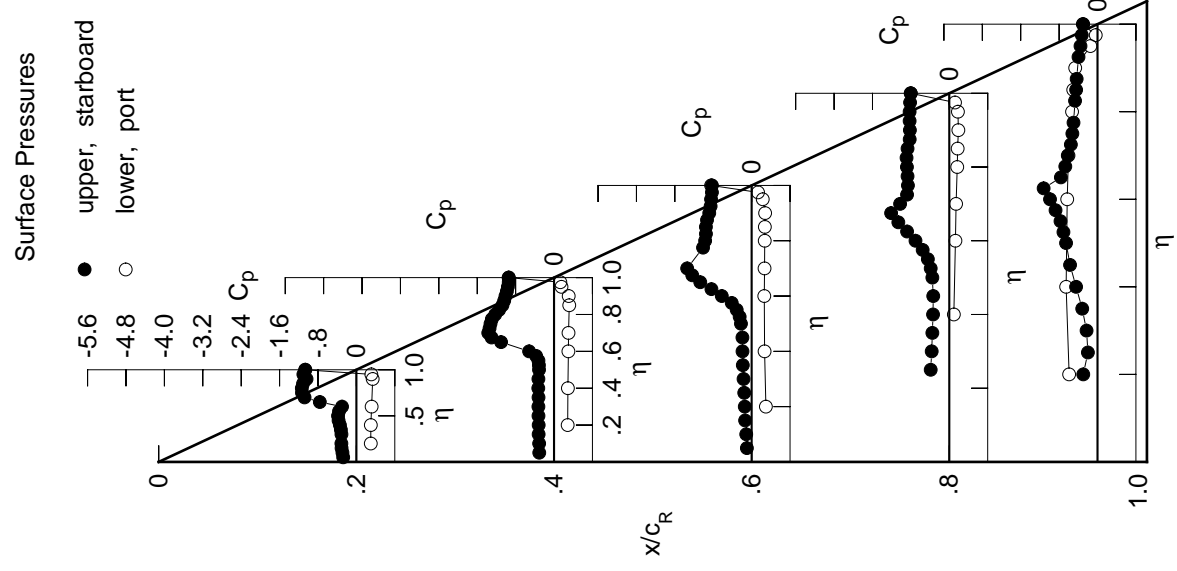
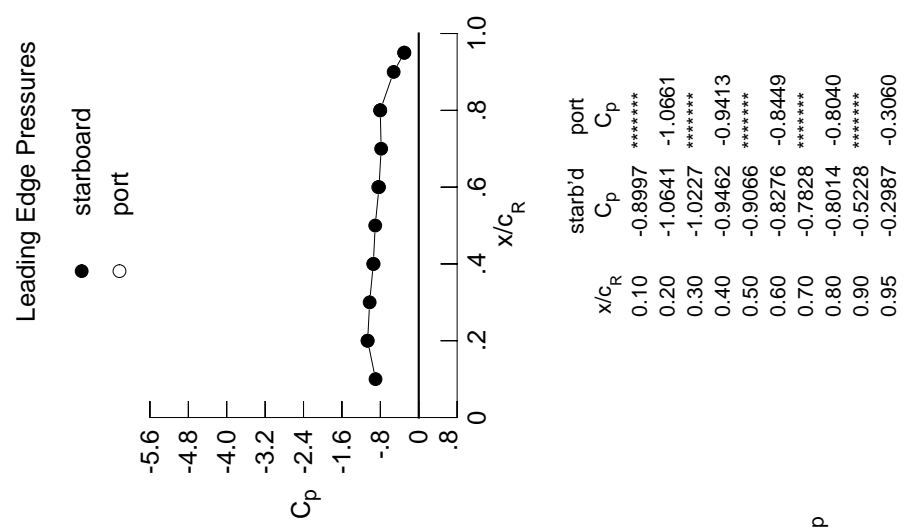


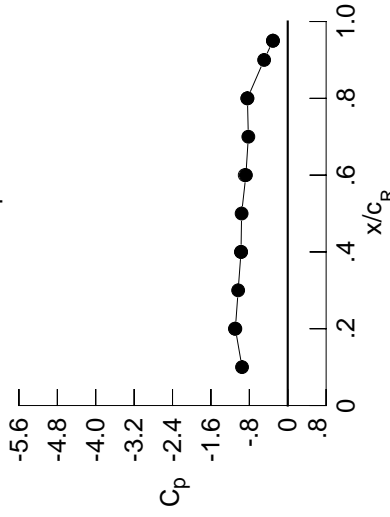
Table C1. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2992	-0.3456	-0.1171	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3163	-0.3498	-0.1352	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3305	-0.3527	-0.1461	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3287	-0.3528	-0.1596	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3536	-0.1694	-0.4248	-0.2358	*****	*****	*****	*****	*****
0.300	-0.3305	-0.3572	-0.1876	-0.4086	-0.2761	*****	*****	*****	*****	*****
0.350	-0.3450	-0.3566	-0.2012	-0.3910	-0.3746	*****	*****	*****	*****	*****
0.400	-0.3646	-0.3592	-0.2118	-0.3874	-0.5090	*****	*****	*****	*****	*****
0.450	-0.3791	-0.3602	-0.2238	-0.3921	-0.6327	*****	*****	*****	*****	*****
0.500	-0.3766	-0.3525	-0.2861	-0.4489	-0.7255	*****	*****	*****	*****	*****
0.525	*****	-0.3772	-0.3535	-0.5087	-0.7887	*****	*****	*****	*****	*****
0.550	-0.3350	-0.4320	-0.4672	-0.6019	-0.8740	*****	*****	*****	*****	*****
0.575	*****	-0.5678	-0.6226	-0.7344	-0.9830	*****	*****	*****	*****	*****
0.600	-0.4251	-0.7953	-0.8469	-0.8885	-1.1063	*****	*****	*****	*****	*****
0.625	*****	*****	-1.0393	-1.0527	-0.8470	*****	*****	*****	*****	*****
0.650	-1.1114	-1.2762	-1.2269	-1.1993	-0.6788	*****	*****	*****	*****	*****
0.675	*****	-1.4224	-1.3513	-1.1754	-0.6497	*****	*****	*****	*****	*****
0.700	-1.2412	-1.4713	-1.3060	-0.9369	-0.6059	*****	*****	*****	*****	*****
0.725	*****	-1.4337	*****	-0.9136	-0.5537	*****	*****	*****	*****	*****
0.750	-1.2314	-1.3666	*****	-0.9069	-0.5296	*****	*****	*****	*****	*****
0.775	*****	-1.3276	-1.0424	-0.9178	-0.5059	*****	*****	*****	*****	*****
0.800	-1.1984	-1.2141	-1.0455	-0.9330	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1300	-1.0606	-0.9321	-0.4560	*****	*****	*****	*****	*****
0.850	-1.1433	-1.0967	-1.0462	-0.9000	-0.4334	*****	*****	*****	*****	*****
0.875	*****	-1.0828	-0.9771	-0.8516	-0.4236	*****	*****	*****	*****	*****
0.900	-1.0723	-1.0567	-0.9275	-0.8557	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0123	-0.9051	-0.8632	-0.3868	*****	*****	*****	*****	*****
0.950	-1.1263	-0.9891	-0.8928	-0.8639	-0.3542	*****	*****	*****	*****	*****
0.975	*****	-0.9760	-0.8765	-0.8586	-0.3348	*****	*****	*****	*****	*****
1.000	-1.0909	-0.9732	-0.8715	-0.8396	-0.3083	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3294	0.3089	0.3119	*****	*****	*****	*****	*****	*****	*****
-0.600	0.3289	0.3076	0.2870	0.1091	-0.6444	*****	*****	*****	*****	*****
-0.700	0.3444	0.3233	0.2801	0.1399	-0.6254	*****	*****	*****	*****	*****
-0.800	*****	0.3220	0.2852	0.1557	-0.5939	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2882	0.1772	-0.5236	*****	*****	*****	*****	*****
-0.900	*****	0.3318	0.2888	0.1868	-0.4940	*****	*****	*****	*****	*****
-0.950	0.3539	0.3140	0.2904	0.1965	-0.4507	*****	*****	*****	*****	*****
-0.975	0.3212	0.1538	0.2283	0.1797	-0.1440	*****	*****	*****	*****	*****
-1.000	*****	0.1181	0.1184	0.1069	-0.0421	*****	*****	*****	*****	*****
-1.000	-1.0998	-0.9713	-0.8963	-0.8427	-0.3089	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 41, Point No. = 853
 $C_N = 0.736$, $C_m = -0.1202$
 $\alpha = 15.5^\circ$, $M_\infty = 0.850$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.9519	*****
0.20	-1.0909	-1.0998
0.30	-1.0326	*****
0.40	-0.9732	-0.9713
0.50	-0.9610	*****
0.60	-0.8715	-0.8963
0.70	-0.8206	*****
0.80	-0.8396	-0.8427
0.90	-0.4924	*****
0.95	-0.3083	-0.3089

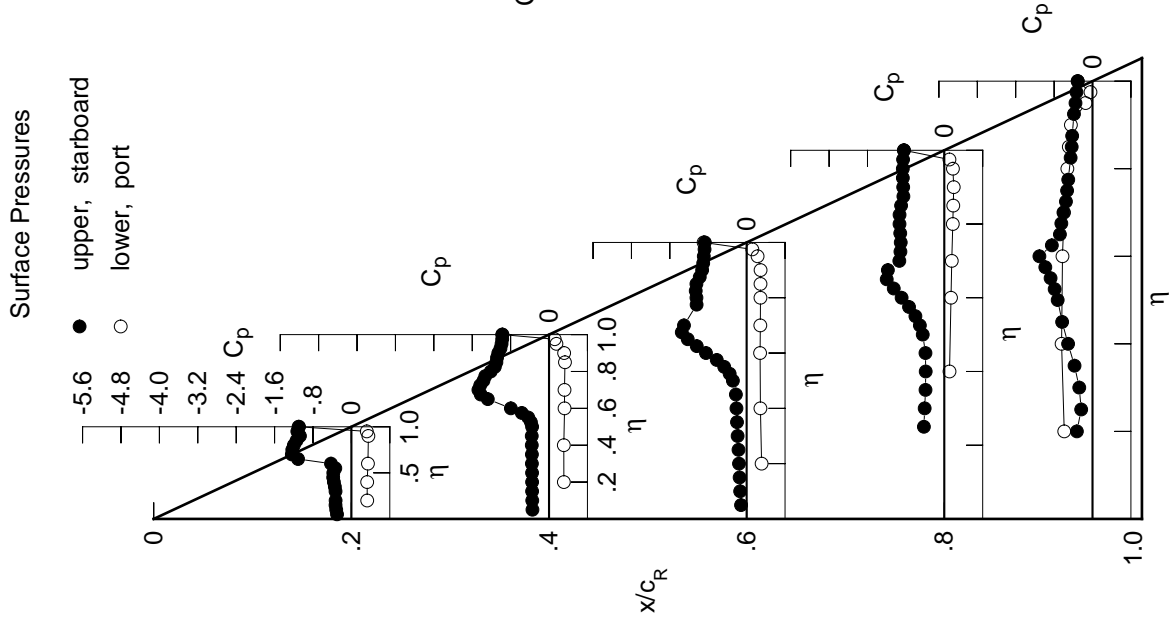


Table C1. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3260	-0.3847	-0.1388	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3456	-0.3954	-0.1526	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3477	-0.3916	-0.1645	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3544	-0.3971	-0.1723	*****	*****	*****	*****	*****	*****	-0.4009
0.250	*****	-0.3961	-0.1871	-0.4573	-0.4314	*****	*****	*****	*****	-0.3414
0.300	-0.3529	-0.4005	-0.2018	-0.4386	-0.3775	*****	*****	*****	*****	-0.3775
0.350	-0.3715	-0.3963	-0.2201	-0.4316	-0.4658	*****	*****	*****	*****	-0.4658
0.400	-0.3915	-0.3998	-0.2338	-0.4306	-0.6018	*****	*****	*****	*****	-0.6018
0.450	-0.3970	-0.4018	-0.2633	-0.4667	-0.6921	*****	*****	*****	*****	-0.6921
0.500	-0.3799	-0.4292	-0.3772	-0.5581	-0.7884	*****	*****	*****	*****	-0.7884
0.525	*****	-0.4906	-0.4832	-0.6475	-0.8608	*****	*****	*****	*****	-0.8608
0.550	-0.3506	-0.6044	-0.6323	-0.7572	-0.9566	*****	*****	*****	*****	-0.9566
0.575	*****	-0.7957	-0.8111	-0.8980	-1.0758	*****	*****	*****	*****	-1.0758
0.600	-0.7574	-1.0240	-1.0181	-1.0398	-1.0889	*****	*****	*****	*****	-1.0889
0.625	*****	*****	-1.1759	-1.1781	-0.6868	*****	*****	*****	*****	-0.6868
0.650	-1.3002	-1.3805	-1.3267	-1.2961	-0.6713	*****	*****	*****	*****	-0.6713
0.675	*****	-1.5008	-1.2960	-1.0667	-0.6622	*****	*****	*****	*****	-0.6622
0.700	-1.3481	-1.5514	-1.0705	-0.9797	-0.6281	*****	*****	*****	*****	-0.6281
0.725	*****	-1.5149	*****	-0.9712	-0.5852	*****	*****	*****	*****	-0.5852
0.750	-1.3154	-1.3815	*****	-0.9585	-0.5538	*****	*****	*****	*****	-0.5538
0.775	*****	-1.2743	-1.0452	-0.9695	-0.5159	*****	*****	*****	*****	-0.5159
0.800	-1.2542	-1.1766	-1.0615	-0.9811	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1426	-1.0955	-0.9878	-0.4507	*****	*****	*****	*****	-0.4507
0.850	-1.1874	-1.1362	-1.0630	-0.9561	-0.4218	*****	*****	*****	*****	-0.4218
0.875	*****	-1.1364	-0.9990	-0.8871	-0.4181	*****	*****	*****	*****	-0.4181
0.900	-1.1080	-1.0874	-0.9705	-0.8739	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0352	-0.9721	-0.8783	-0.3988	*****	*****	*****	*****	-0.3988
0.950	-1.1377	-1.0203	-0.9617	-0.8836	-0.3590	*****	*****	*****	*****	-0.3590
0.975	*****	-1.0118	-0.9440	-0.8794	-0.3414	*****	*****	*****	*****	-0.3414
1.000	-1.1095	-1.0110	-0.9334	-0.8675	-0.3225	*****	*****	*****	*****	-0.3225
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3538	0.3243	0.3266	*****	*****	*****	*****	*****	*****	-0.5803
-0.400	0.3540	0.3253	0.3023	0.1184	-0.6381	*****	*****	*****	*****	-0.6381
-0.600	0.3714	0.3394	0.2928	0.1542	-0.6162	*****	*****	*****	*****	-0.6162
-0.700	*****	0.3415	0.3026	0.1645	-0.5847	*****	*****	*****	*****	-0.5847
-0.800	*****	*****	0.3038	0.1900	-0.5137	*****	*****	*****	*****	-0.5137
-0.850	*****	0.3453	0.3005	0.1979	-0.4833	*****	*****	*****	*****	-0.4833
-0.900	0.3679	0.3218	0.2925	0.1973	-0.4356	*****	*****	*****	*****	-0.4356
-0.950	0.3261	0.1496	0.2218	0.1775	-0.1417	*****	*****	*****	*****	-0.1417
-0.975	*****	0.1017	0.0990	0.0936	-0.0482	*****	*****	*****	*****	-0.0482
-1.000	-1.1239	-1.0032	-0.9469	-0.8613	-0.3185	*****	*****	*****	*****	-0.3185

Small Radius L.E.
 Run No. = 41, Point No. = 854
 $C_N = 0.791$, $C_m = -0.1275$
 $\alpha = 16.5^\circ$, $M_\infty = 0.851$
 $R_{mac} = 6.0 \times 10^6$

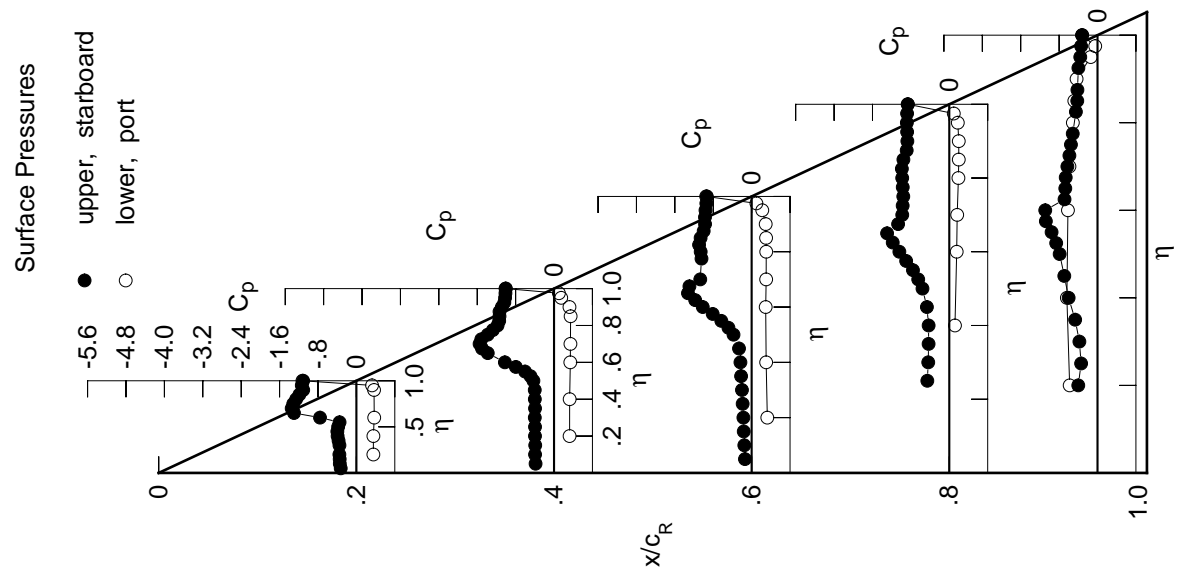
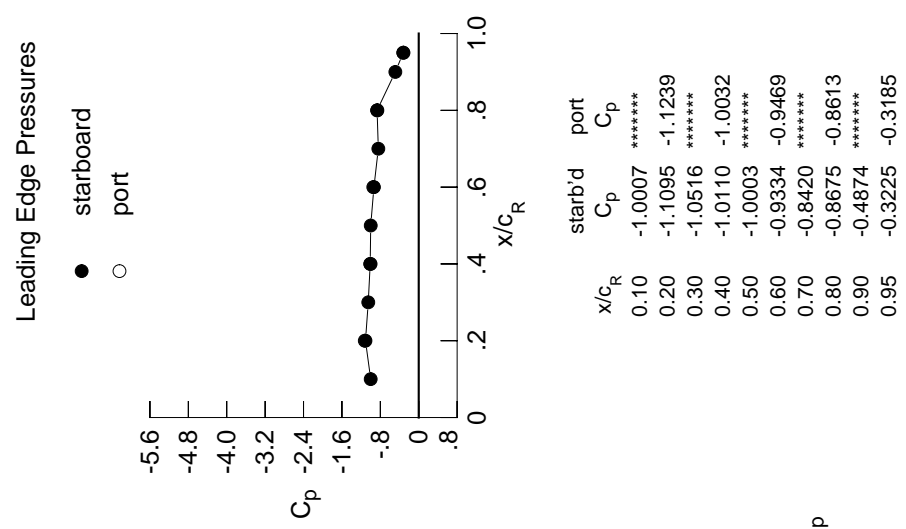


Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3552	-0.4135	-0.1574	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3700	-0.4264	-0.1702	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3705	-0.4237	-0.1807	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3782	-0.4253	-0.1925	*****	*****	*****	*****	*****	*****	-0.4408
0.250	*****	-0.4257	-0.2115	-0.4872	-0.4872	-0.4382	*****	*****	*****	*****
0.300	-0.3777	-0.4304	-0.2284	-0.4670	-0.4670	-0.4928	*****	*****	*****	*****
0.350	-0.4004	-0.4291	-0.2556	-0.4661	-0.4661	-0.5831	*****	*****	*****	*****
0.400	-0.4152	-0.4352	-0.2861	-0.4736	-0.4736	-0.6754	*****	*****	*****	*****
0.450	-0.4136	-0.4565	-0.3494	-0.5331	-0.5331	-0.7361	*****	*****	*****	*****
0.500	-0.3925	-0.5284	-0.5168	-0.6617	-0.6617	-0.8491	*****	*****	*****	*****
0.525	*****	-0.6355	-0.6506	-0.7696	-0.7696	-0.9336	*****	*****	*****	*****
0.550	-0.4723	-0.7885	-0.8181	-0.8999	-0.8999	-1.0368	*****	*****	*****	*****
0.575	-1.0952	-1.1861	-1.1627	-1.1595	-1.1595	-0.8564	*****	*****	*****	*****
0.600	*****	*****	-1.2892	-1.2776	-1.2776	-0.7036	*****	*****	*****	*****
0.625	-1.4269	-1.4605	-1.3722	-1.3228	-1.3228	-0.6903	*****	*****	*****	*****
0.650	*****	-1.5663	-1.0957	-1.0540	-1.0540	-0.6853	*****	*****	*****	*****
0.675	-1.4205	-1.5733	-1.0579	-1.0224	-1.0224	-0.6595	*****	*****	*****	*****
0.700	*****	-1.4466	*****	-1.0197	-1.0197	-0.6251	*****	*****	*****	*****
0.725	-1.3812	-1.3634	*****	-1.0203	-1.0203	-0.5915	*****	*****	*****	*****
0.750	*****	-1.3054	-1.0711	-1.0349	-1.0349	-0.5301	*****	*****	*****	*****
0.775	-1.3162	-1.2456	-1.0984	-1.0474	-1.0474	*****	*****	*****	*****	*****
0.800	*****	-1.2074	-1.1091	-1.0467	-1.0467	-0.4507	*****	*****	*****	*****
0.825	-1.2216	-1.1887	-1.0629	-1.0146	-1.0146	-0.4237	*****	*****	*****	*****
0.850	*****	-1.1684	-1.0220	-0.9353	-0.9353	-0.4323	*****	*****	*****	*****
0.875	-1.1438	-1.1010	-1.0224	-0.9027	-0.9027	*****	*****	*****	*****	*****
0.900	*****	-1.0585	-1.0233	-0.9004	-0.9004	-0.4312	*****	*****	*****	*****
0.925	-1.1538	-1.0485	-1.0127	-0.9055	-0.9055	-0.3778	*****	*****	*****	*****
0.950	*****	-1.0415	-0.9899	-0.8997	-0.8997	-0.3574	*****	*****	*****	*****
0.975	-1.1283	-1.0348	-0.9723	-0.8877	-0.8877	-0.3367	*****	*****	*****	*****
1.000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
-0.200	0.3826	0.3502	0.3487	*****	*****	-0.5695	*****	*****	*****	*****
-0.400	0.3838	0.3509	0.3242	0.1378	-0.6234	*****	*****	*****	*****	*****
-0.600	0.3996	0.3644	0.3144	0.1742	-0.6047	*****	*****	*****	*****	*****
-0.700	*****	0.3643	0.3228	0.1821	-0.5733	*****	*****	*****	*****	*****
-0.800	*****	*****	0.3218	0.2085	-0.4986	*****	*****	*****	*****	*****
-0.850	*****	0.3617	0.3159	0.2121	-0.4701	*****	*****	*****	*****	*****
-0.900	0.3848	0.3331	0.3033	0.2168	-0.4212	*****	*****	*****	*****	*****
-0.950	0.3369	0.1493	0.2197	0.1787	-0.1372	*****	*****	*****	*****	*****
-0.975	*****	0.0898	0.0850	0.0830	-0.0545	*****	*****	*****	*****	*****
-1.000	-1.1458	-1.0322	-0.9758	-0.8839	-0.3382	*****	*****	*****	*****	*****

Small Radius L.E.

Run No. = 41, Point No. = 855

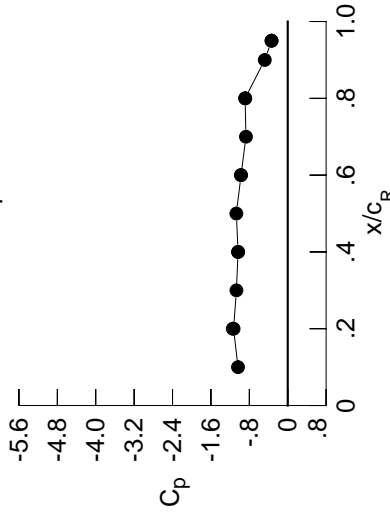
$C_N = 0.847$, $C_m = -0.1376$

$\alpha = 17.5^\circ$, $M_\infty = 0.850$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0361	*****
0.20	-1.1283	-1.1458
0.30	-1.0690	*****
0.40	-1.0348	-1.0322
0.50	-1.0706	*****
0.60	-0.9723	-0.9758
0.70	-0.8707	*****
0.80	-0.8877	-0.8839
0.90	-0.4781	*****
0.95	-0.3367	-0.3382

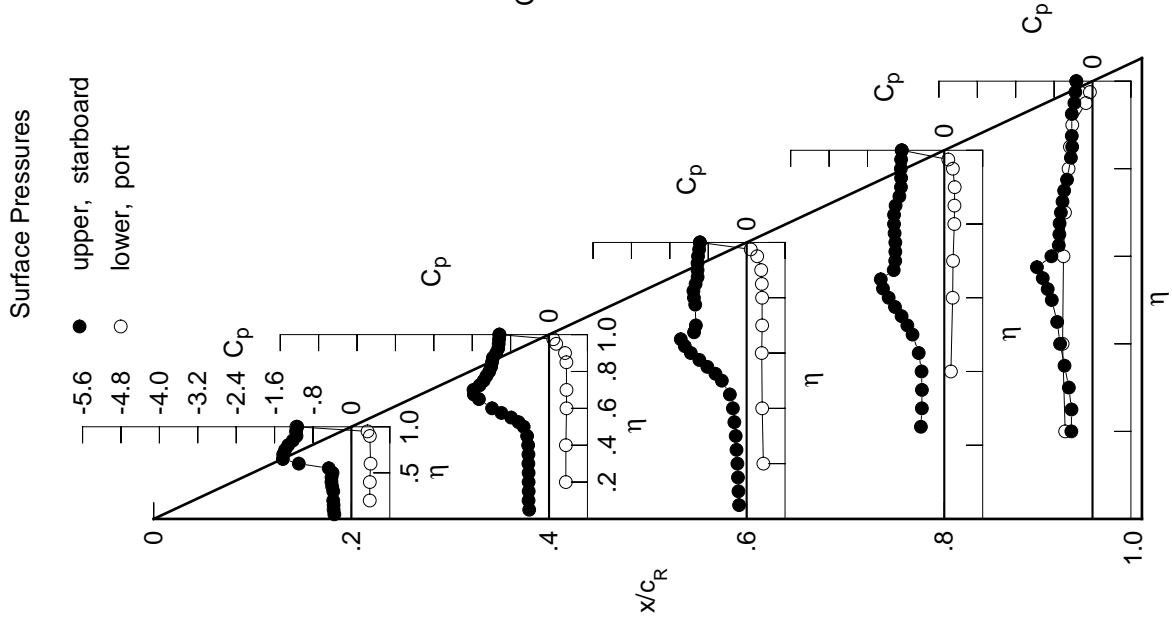


Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3879	-0.4481	-0.1945	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3962	-0.4561	-0.2119	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3991	-0.4536	-0.2255	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4047	-0.4550	-0.2423	*****	*****	*****	*****	*****	*****	-0.4426
0.250	*****	-0.4577	-0.2642	-0.5086	-0.4941	*****	*****	*****	*****	-0.4941
0.300	-0.4081	-0.4598	-0.2948	-0.4943	-0.5463	*****	*****	*****	*****	-0.5463
0.350	-0.4262	-0.4647	-0.3321	-0.4995	-0.6106	*****	*****	*****	*****	-0.6106
0.400	-0.4349	-0.4761	-0.3906	-0.5240	-0.6719	*****	*****	*****	*****	-0.6719
0.450	-0.4293	-0.5253	-0.4860	-0.6048	-0.7434	*****	*****	*****	*****	-0.7434
0.500	-0.4412	-0.6555	-0.7032	-0.7673	-0.8785	*****	*****	*****	*****	-0.8785
0.525	*****	-0.7944	-0.8432	-0.8803	-0.9792	*****	*****	*****	*****	-0.9792
0.550	-0.7338	-0.9631	-1.0014	-1.0047	-1.0896	*****	*****	*****	*****	-1.0896
0.575	*****	-1.1451	-1.1486	-1.1327	-1.2014	*****	*****	*****	*****	-1.2014
0.600	-1.3183	-1.3067	-1.2964	-1.2542	-0.8382	*****	*****	*****	*****	-0.8382
0.625	*****	*****	-1.3976	-1.3583	-0.7310	*****	*****	*****	*****	-0.7310
0.650	-1.5142	-1.5176	-1.2577	-1.2078	-0.7028	*****	*****	*****	*****	-0.7028
0.675	*****	-1.5900	-1.1361	-1.0831	-0.6905	*****	*****	*****	*****	-0.6905
0.700	-1.4760	-1.4933	-1.1258	-1.0737	-0.6842	*****	*****	*****	*****	-0.6842
0.725	*****	-1.4007	*****	-1.0855	-0.6637	*****	*****	*****	*****	-0.6637
0.750	-1.4299	-1.3733	*****	-1.0976	-0.6290	*****	*****	*****	*****	-0.6290
0.775	*****	-1.3453	-1.1480	-1.1132	-0.5562	*****	*****	*****	*****	-0.5562
0.800	-1.3592	-1.3188	-1.1723	-1.1180	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2949	-1.1598	-1.0984	-0.4732	*****	*****	*****	*****	-0.4732
0.850	-1.2478	-1.2623	-1.1058	-1.0580	-0.4459	*****	*****	*****	*****	-0.4459
0.875	*****	-1.2040	-1.0656	-0.9820	-0.4561	*****	*****	*****	*****	-0.4561
0.900	-1.1695	-1.1235	-1.0664	-0.9454	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0817	-1.0693	-0.9320	-0.4623	*****	*****	*****	*****	-0.4623
0.950	-1.1668	-1.0763	-1.0649	-0.9378	-0.3997	*****	*****	*****	*****	-0.3997
0.975	*****	-1.0689	-1.0504	-0.9359	-0.3778	*****	*****	*****	*****	-0.3778
1.000	-1.1403	-1.0650	-1.0353	-0.9206	-0.3610	*****	*****	*****	*****	-0.3610
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4094	0.3723	0.3652	*****	*****	*****	*****	*****	*****	-0.5585
-0.400	0.4116	0.3709	0.3415	0.1526	-0.6166	*****	*****	*****	*****	-0.6166
-0.600	0.4256	0.3805	0.3324	0.1798	-0.5924	*****	*****	*****	*****	-0.5924
-0.700	*****	0.3837	0.3395	0.1972	-0.5617	*****	*****	*****	*****	-0.5617
-0.800	*****	*****	0.3358	0.2180	-0.4847	*****	*****	*****	*****	-0.4847
-0.850	*****	0.3745	0.3275	0.2245	-0.4571	*****	*****	*****	*****	-0.4571
-0.900	0.3975	0.3387	0.3098	0.2231	-0.4091	*****	*****	*****	*****	-0.4091
-0.950	0.3436	0.1454	0.2139	0.1744	-0.1360	*****	*****	*****	*****	-0.1360
-0.975	*****	0.0752	0.0679	0.0706	-0.0653	*****	*****	*****	*****	-0.0653
-1.000	-1.1636	-1.0631	-1.0160	-0.9049	-0.3714	*****	*****	*****	*****	-0.3714

Small Radius L.E.
 Run No. = 41, Point No. = 856
 $C_N = 0.910$, $C_m = -0.1523$
 $\alpha = 18.6^\circ$, $M_\infty = 0.851$
 $R_{mac} = 6.0 \times 10^6$

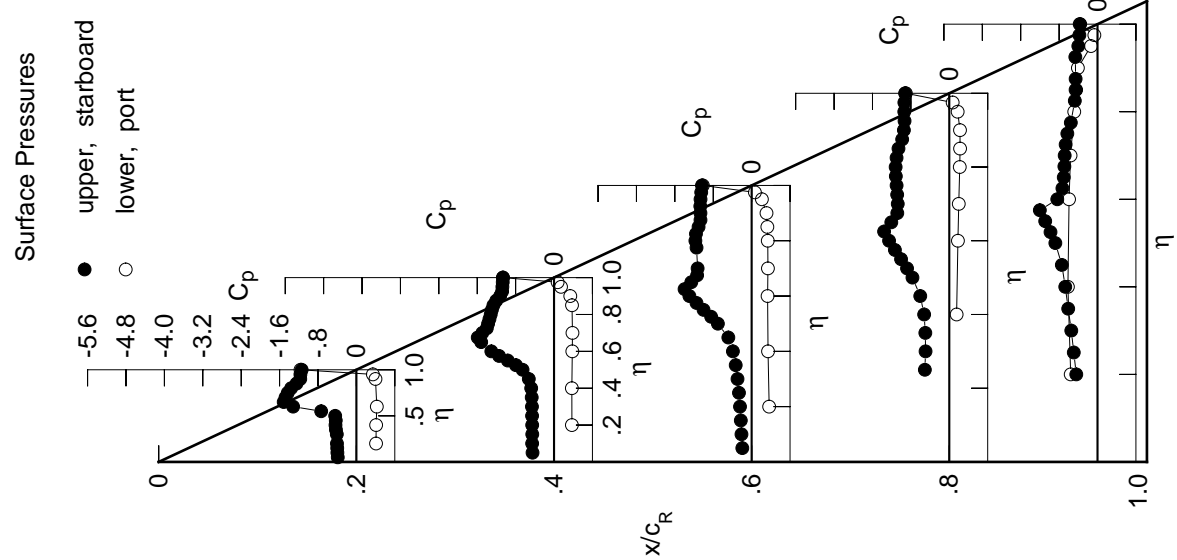
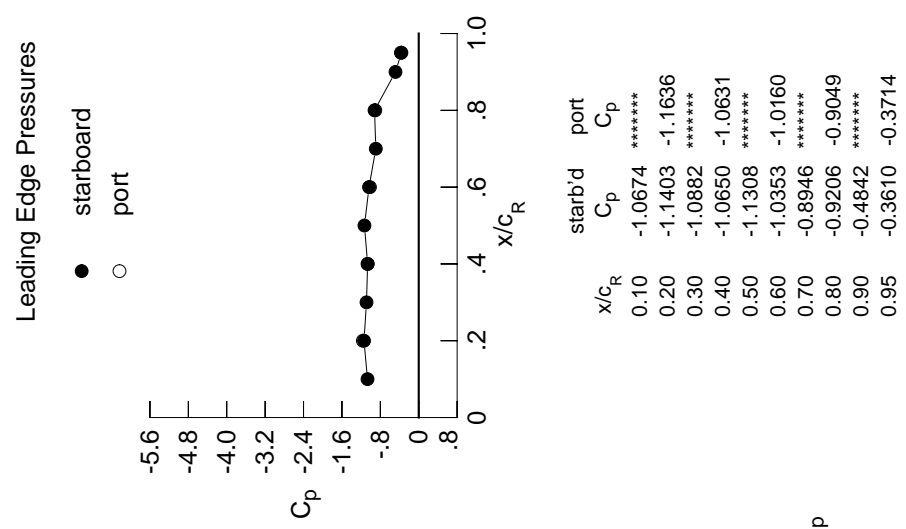


Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4127	-0.4751	-0.2805	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4197	-0.4823	-0.2985	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4278	-0.4792	-0.3142	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4299	-0.4827	-0.3421	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.4859	-0.3772	*****	*****	*****	*****	*****	-0.3868	*****
0.300	-0.4353	-0.4916	-0.4188	-0.5283	-0.5415	*****	*****	*****	-0.4849	*****
0.350	-0.4474	-0.5025	-0.4712	-0.5332	-0.5931	*****	*****	*****	-0.5415	*****
0.400	-0.4557	-0.5305	-0.5467	-0.5758	-0.6571	*****	*****	*****	-0.6571	*****
0.450	-0.4622	-0.6176	-0.6754	-0.6741	-0.7452	*****	*****	*****	-0.7452	*****
0.500	-0.5626	-0.8004	-0.8969	-0.8548	-0.9091	*****	*****	*****	-0.9091	*****
0.525	*****	-0.9601	-1.0341	-0.9734	-1.0129	*****	*****	*****	-1.0129	*****
0.550	-1.0122	-1.1154	-1.1688	-1.0924	-1.1341	*****	*****	*****	-1.1341	*****
0.575	*****	-1.2731	-1.2897	-1.2141	-1.2281	*****	*****	*****	-1.2281	*****
0.600	-1.4599	-1.4023	-1.4093	-1.3259	-0.8444	*****	*****	*****	-0.8444	*****
0.625	*****	*****	-1.4800	-1.4199	-0.7364	*****	*****	*****	-0.7364	*****
0.650	-1.5823	-1.5534	-1.2641	-1.1688	-0.7027	*****	*****	*****	-0.7027	*****
0.675	*****	-1.4628	-1.2179	-1.1137	-0.7060	*****	*****	*****	-0.7060	*****
0.700	-1.5346	-1.3798	-1.2140	-1.1089	-0.6960	*****	*****	*****	-0.6960	*****
0.725	*****	-1.3580	*****	-1.1192	-0.6682	*****	*****	*****	-0.6682	*****
0.750	-1.4647	-1.3568	*****	-1.1308	-0.6272	*****	*****	*****	-0.6272	*****
0.775	*****	-1.3669	-1.2317	-1.1510	-0.5629	*****	*****	*****	-0.5629	*****
0.800	-1.3823	-1.3971	-1.2573	-1.1468	*****	*****	*****	*****	-1.1468	*****
0.825	*****	-1.3950	-1.2436	-1.1207	-0.5030	*****	*****	*****	-0.5030	*****
0.850	-1.2608	-1.3192	-1.1923	-1.0823	-0.4792	*****	*****	*****	-0.4792	*****
0.875	*****	-1.2151	-1.1481	-1.0008	-0.4871	*****	*****	*****	-0.4871	*****
0.900	-1.1934	-1.1511	-1.1413	-0.9602	*****	*****	*****	*****	-0.9602	*****
0.925	*****	-1.1377	-1.1329	-0.9458	-0.4880	*****	*****	*****	-0.4880	*****
0.950	-1.1836	-1.1371	-1.1283	-0.9473	-0.4203	*****	*****	*****	-0.4203	*****
0.975	*****	-1.1299	-1.1209	-0.9428	-0.3944	*****	*****	*****	-0.3944	*****
1.000	-1.1567	-1.1325	-1.1177	-0.9269	-0.3757	*****	*****	*****	-0.3757	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4345	0.3974	0.3852	*****	-0.5478	*****	*****	*****	-0.5478	*****
-0.400	0.4401	0.3959	0.3534	0.1715	-0.6032	*****	*****	*****	-0.6032	*****
-0.600	0.4517	0.4045	0.3529	0.2018	-0.5813	*****	*****	*****	-0.5813	*****
-0.700	*****	0.4050	0.3562	0.2128	-0.5504	*****	*****	*****	-0.5504	*****
-0.800	*****	*****	0.3524	0.2345	-0.4738	*****	*****	*****	-0.4738	*****
-0.850	*****	0.3883	0.3405	0.2370	-0.4441	*****	*****	*****	-0.4441	*****
-0.900	0.4111	0.3464	0.3175	0.2319	-0.3959	*****	*****	*****	-0.3959	*****
-0.950	0.3511	0.1425	0.2081	0.1736	-0.1344	*****	*****	*****	-0.1344	*****
-0.975	*****	0.0599	0.0537	0.0593	-0.0737	*****	*****	*****	-0.0737	*****
-1.000	-1.1831	-1.1318	-1.0931	-0.9017	-0.3961	*****	*****	*****	-0.3961	*****

Small Radius L.E.

Run No. = 41, Point No. = 857

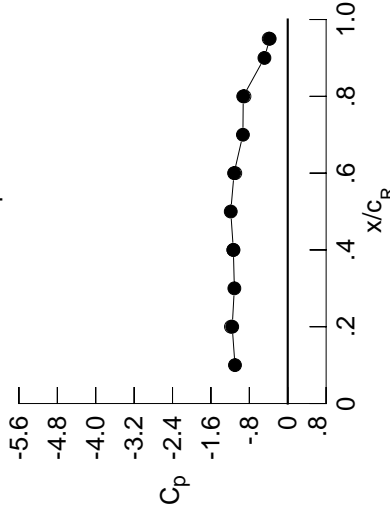
$C_N = 0.967$, $C_m = -0.1619$

$\alpha = 19.6^\circ$, $M_\infty = 0.850$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0990	*****
0.20	-1.1567	-1.1831
0.30	-1.1121	*****
0.40	-1.1325	-1.1318
0.50	-1.1871	*****
0.60	-1.1177	-1.0931
0.70	-0.9338	*****
0.80	-0.9269	-0.9017
0.90	-0.4859	*****
0.95	-0.3757	-0.3961

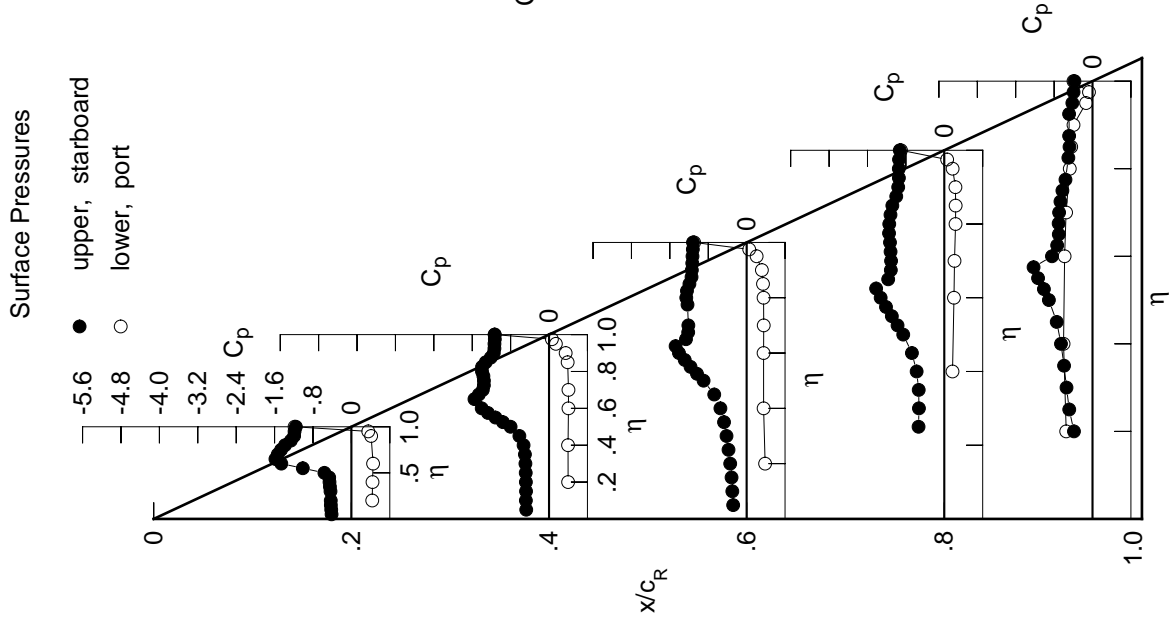
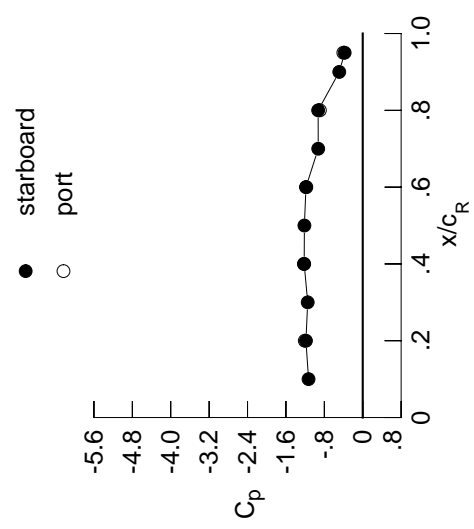


Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4466	-0.5157	-0.4212	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4511	-0.5193	-0.4225	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4568	-0.5228	-0.4366	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4601	-0.5231	-0.4637	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.5294	-0.4938	-0.5840	-0.4331	*****	*****	*****	*****	*****
0.300	-0.4627	-0.5409	-0.5281	-0.5804	-0.5143	*****	*****	*****	*****	*****
0.350	-0.4740	-0.5612	-0.5814	-0.5996	-0.5577	*****	*****	*****	*****	*****
0.400	-0.4871	-0.6162	-0.6727	-0.6521	-0.6336	*****	*****	*****	*****	*****
0.450	-0.5310	-0.7355	-0.8256	-0.7662	-0.7436	*****	*****	*****	*****	*****
0.500	-0.7518	-0.9523	-1.0612	-0.9511	-0.9262	*****	*****	*****	*****	*****
0.525	*****	-1.0997	-1.1822	-1.0622	-1.0365	*****	*****	*****	*****	*****
0.550	-1.2239	-1.2438	-1.2974	-1.1768	-1.1531	*****	*****	*****	*****	*****
0.575	*****	-1.3709	-1.3988	-1.2835	-1.1733	*****	*****	*****	*****	*****
0.600	-1.5508	-1.4772	-1.4912	-1.3828	-0.7945	*****	*****	*****	*****	*****
0.625	*****	*****	-1.5157	-1.4654	-0.7136	*****	*****	*****	*****	*****
0.650	-1.6164	-1.4137	-1.3107	-1.2122	-0.6928	*****	*****	*****	*****	*****
0.675	*****	-1.3461	-1.2890	-1.1524	-0.6795	*****	*****	*****	*****	*****
0.700	-1.5869	-1.3351	-1.2813	-1.1429	-0.6531	*****	*****	*****	*****	*****
0.725	*****	-1.3360	*****	-1.1365	-0.6055	*****	*****	*****	*****	*****
0.750	-1.4784	-1.3509	*****	-1.1495	-0.5741	*****	*****	*****	*****	*****
0.775	*****	-1.3801	-1.2853	-1.1640	-0.5342	*****	*****	*****	*****	*****
0.800	-1.3660	-1.4096	-1.3029	-1.1666	*****	*****	*****	*****	*****	*****
0.825	*****	-1.3713	-1.2960	-1.1441	-0.5290	*****	*****	*****	*****	*****
0.850	-1.2660	-1.2893	-1.2488	-1.1140	-0.5041	*****	*****	*****	*****	*****
0.875	*****	-1.2309	-1.2027	-1.0248	-0.5041	*****	*****	*****	*****	*****
0.900	-1.2175	-1.2159	-1.1919	-0.9628	*****	*****	*****	*****	*****	*****
0.925	*****	-1.2194	-1.1862	-0.9363	-0.5006	*****	*****	*****	*****	*****
0.950	-1.2086	-1.2207	-1.1831	-0.9478	-0.4294	*****	*****	*****	*****	*****
0.975	*****	-1.2124	-1.1754	-0.9466	-0.3997	*****	*****	*****	*****	*****
1.000	-1.1834	-1.2197	-1.1825	-0.9290	-0.3766	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4664	0.4187	0.4039	*****	-0.5334	*****	*****	*****	*****	*****
-0.400	0.4690	0.4212	0.3777	0.1880	-0.5912	*****	*****	*****	*****	*****
-0.600	0.4789	0.4258	0.3704	0.2176	-0.5673	*****	*****	*****	*****	*****
-0.700	*****	0.4266	0.3709	0.2303	-0.5380	*****	*****	*****	*****	*****
-0.800	*****	*****	0.3672	0.2473	-0.4587	*****	*****	*****	*****	*****
-0.850	*****	0.4022	0.3528	0.2513	-0.4306	*****	*****	*****	*****	*****
-0.900	0.4236	0.3514	0.3239	0.2410	-0.3805	*****	*****	*****	*****	*****
-0.950	0.3581	0.1372	0.2052	0.1715	-0.1301	*****	*****	*****	*****	*****
-0.975	*****	0.0433	0.0379	0.0478	-0.0790	*****	*****	*****	*****	*****
-1.000	-1.2075	-1.2253	-1.1752	-0.8928	-0.4043	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 41, Point No. = 858
 $C_N = 1.024$, $C_m = -0.1740$
 $\alpha = 20.6^\circ$, $M_\infty = 0.850$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1289	*****
0.20	-1.1834	-1.2075
0.30	-1.1465	*****
0.40	-1.2197	-1.2253
0.50	-1.2155	*****
0.60	-1.1825	-1.1752
0.70	-0.9274	*****
0.80	-0.9290	-0.8928
0.90	-0.4887	*****
0.95	-0.3766	-0.4043

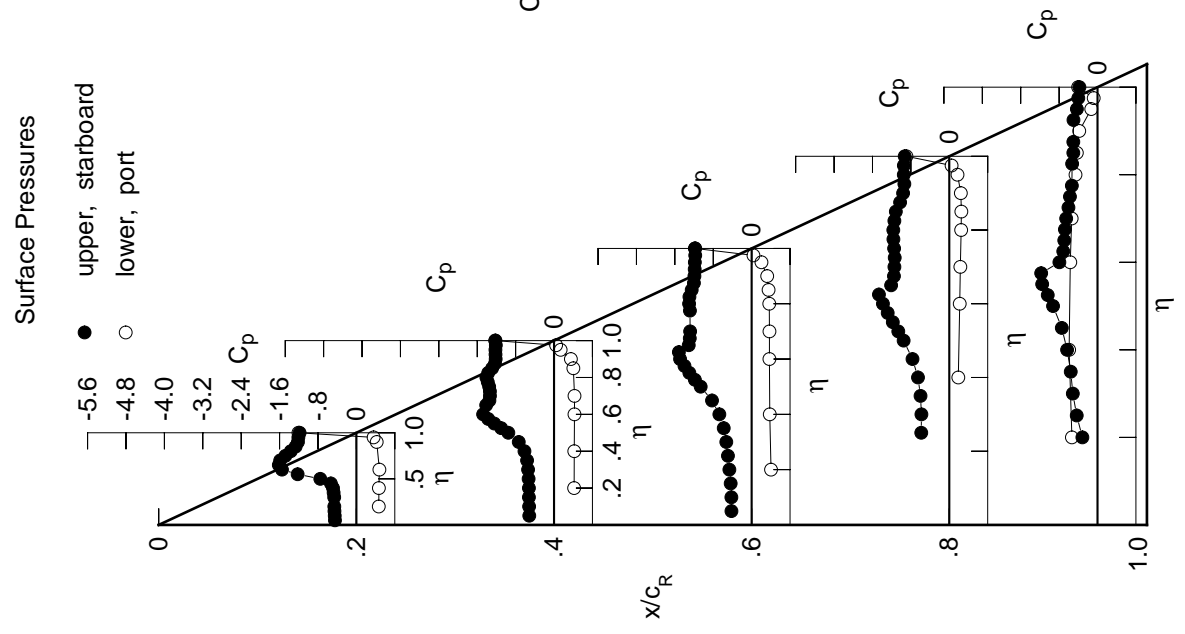
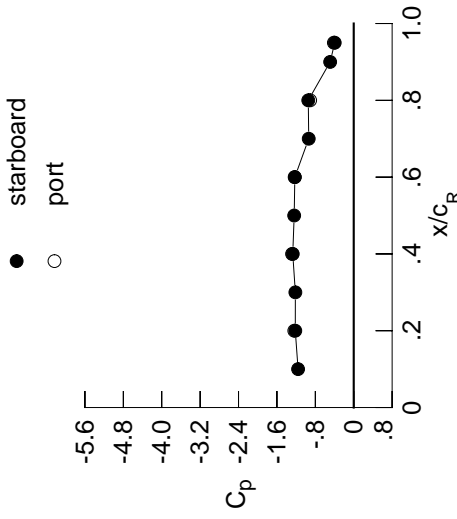


Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4803	-0.5562	-0.5245	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4867	-0.5620	-0.5271	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4942	-0.5612	-0.5313	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4990	-0.5642	-0.5431	*****	*****	*****	*****	*****	*****	-0.2654
0.250	*****	-0.5740	-0.5585	-0.5690	-0.5690	-0.5690	-0.5690	-0.5690	-0.5690	-0.3994
0.300	-0.4990	-0.5953	-0.5878	-0.5851	-0.5851	-0.5851	-0.5851	-0.5851	-0.5851	-0.4958
0.350	-0.5140	-0.6269	-0.6475	-0.6296	-0.6296	-0.6296	-0.6296	-0.6296	-0.6296	-0.5474
0.400	-0.5463	-0.7097	-0.7567	-0.7083	-0.7083	-0.7083	-0.7083	-0.7083	-0.7083	-0.6359
0.450	-0.6481	-0.8593	-0.9417	-0.8472	-0.8472	-0.8472	-0.8472	-0.8472	-0.8472	-0.7589
0.500	-0.9600	-1.0873	-1.1759	-1.0361	-1.0361	-1.0361	-1.0361	-1.0361	-1.0361	-0.9474
0.525	*****	-1.2159	-1.2921	-1.1463	-1.1463	-1.1463	-1.1463	-1.1463	-1.1463	-1.0478
0.550	-1.3671	-1.3399	-1.3925	-1.2440	-1.2440	-1.2440	-1.2440	-1.2440	-1.2440	-1.1465
0.575	*****	-1.4400	-1.4771	-1.3443	-1.3443	-1.3443	-1.3443	-1.3443	-1.3443	-0.7910
0.600	-1.6088	-1.5304	-1.5529	-1.4291	-1.4291	-1.4291	-1.4291	-1.4291	-1.4291	-0.6932
0.625	*****	*****	-1.4868	-1.5022	-1.5022	-1.5022	-1.5022	-1.5022	-1.5022	-0.6722
0.650	-1.6108	-1.3393	-1.3498	-1.2217	-1.2217	-1.2217	-1.2217	-1.2217	-1.2217	-0.6532
0.675	*****	-1.3309	-1.3375	-1.1703	-1.1703	-1.1703	-1.1703	-1.1703	-1.1703	-0.6402
0.700	-1.5988	-1.3239	-1.3321	-1.1667	-1.1667	-1.1667	-1.1667	-1.1667	-1.1667	-0.6016
0.725	*****	-1.3294	*****	-1.1566	-1.1566	-1.1566	-1.1566	-1.1566	-1.1566	-0.5366
0.750	-1.5137	-1.3488	*****	-1.1616	-1.1616	-1.1616	-1.1616	-1.1616	-1.1616	-0.5310
0.775	*****	-1.3778	-1.3464	-1.1643	-1.1643	-1.1643	-1.1643	-1.1643	-1.1643	-0.5440
0.800	-1.3496	-1.3771	-1.3607	-1.1739	-1.1739	-1.1739	-1.1739	-1.1739	-1.1739	*****
0.825	*****	-1.3364	-1.3505	-1.1754	-1.1754	-1.1754	-1.1754	-1.1754	-1.1754	-0.5810
0.850	-1.2816	-1.2969	-1.3061	-1.1652	-1.1652	-1.1652	-1.1652	-1.1652	-1.1652	-0.5504
0.875	*****	-1.2763	-1.2461	-1.0655	-1.0655	-1.0655	-1.0655	-1.0655	-1.0655	-0.5417
0.900	-1.2429	-1.2749	-1.2294	-0.9765	-0.9765	-0.9765	-0.9765	-0.9765	-0.9765	*****
0.925	*****	-1.2823	-1.2209	-0.9377	-0.9377	-0.9377	-0.9377	-0.9377	-0.9377	-0.5234
0.950	-1.2406	-1.2766	-1.2250	-0.9539	-0.9539	-0.9539	-0.9539	-0.9539	-0.9539	-0.4535
0.975	*****	-1.2688	-1.2157	-0.9682	-0.9682	-0.9682	-0.9682	-0.9682	-0.9682	-0.4200
1.000	-1.2176	-1.2702	-1.2270	-0.9469	-0.9469	-0.9469	-0.9469	-0.9469	-0.9469	-0.3959
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4953	0.4420	0.4247	*****	*****	*****	*****	*****	*****	-0.5213
-0.400	0.4967	0.4441	0.3941	0.2017	-0.5792	-0.5792	-0.5792	-0.5792	-0.5792	-0.5213
-0.600	0.5036	0.4397	0.3877	0.2317	-0.5573	-0.5573	-0.5573	-0.5573	-0.5573	-0.5573
-0.700	*****	0.4471	0.3850	0.2461	-0.5256	-0.5256	-0.5256	-0.5256	-0.5256	-0.5256
-0.800	*****	*****	0.3808	0.2555	-0.4480	-0.4480	-0.4480	-0.4480	-0.4480	-0.4480
-0.850	*****	0.4139	0.3638	0.2608	-0.4198	-0.4198	-0.4198	-0.4198	-0.4198	-0.4198
-0.900	0.4358	0.3570	0.3291	0.2461	-0.3712	-0.3712	-0.3712	-0.3712	-0.3712	-0.3712
-0.950	0.3629	0.1339	0.1991	0.1672	-0.1264	-0.1264	-0.1264	-0.1264	-0.1264	-0.1264
-0.975	*****	0.0295	0.0228	0.0333	-0.0875	-0.0875	-0.0875	-0.0875	-0.0875	-0.0875
-1.000	-1.2382	-1.2845	-1.2301	-0.9081	-0.9081	-0.9081	-0.9081	-0.9081	-0.9081	-0.4135

Small Radius L.E.
 Run No. = 41, Point No. = 859
 $C_N = 1.077$, $C_m = -0.1813$
 $\alpha = 21.6^\circ$, $M_\infty = 0.850$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1595	*****
0.20	-1.2176	-1.2382
0.30	-1.2162	*****
0.40	-1.2702	-1.2845
0.50	-1.2405	*****
0.60	-1.2270	-1.2301
0.70	-0.9376	*****
0.80	-0.9469	-0.9081
0.90	-0.4910	*****
0.95	-0.3959	-0.4135

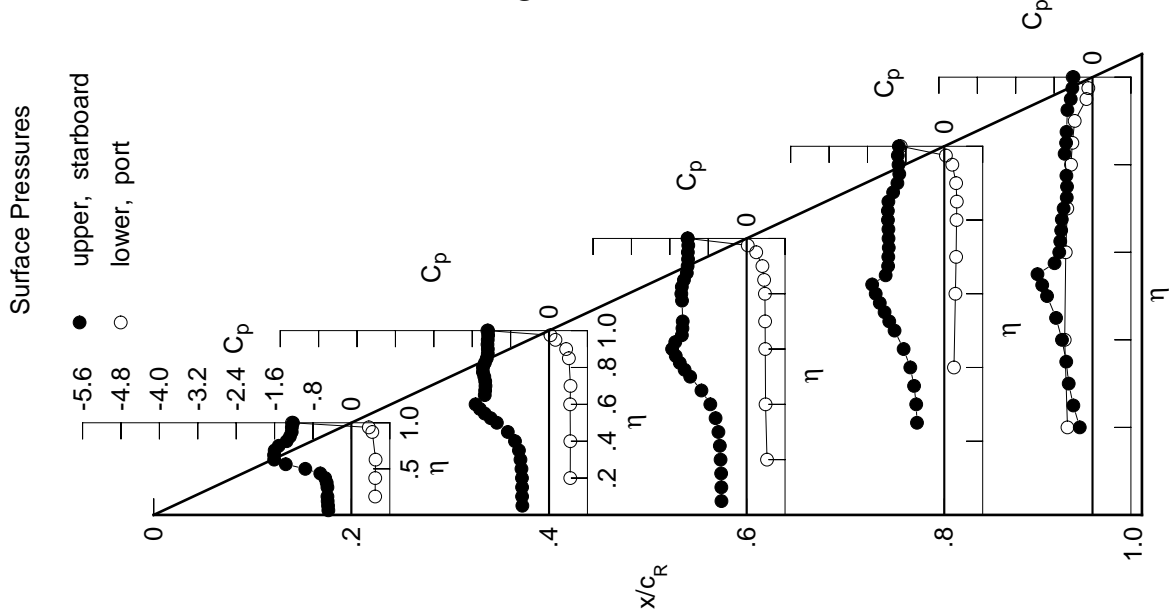
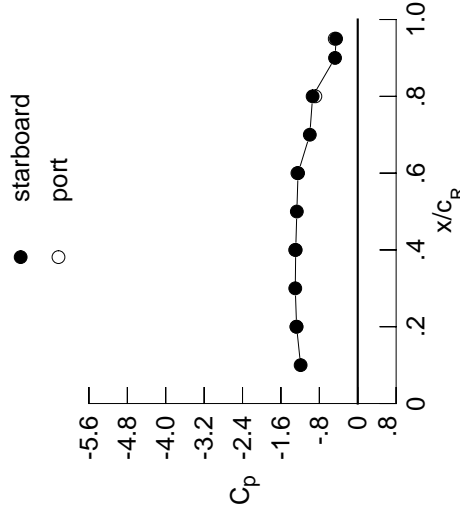


Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5219	-0.5934	-0.5807	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5280	-0.5952	-0.5806	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5320	-0.5981	-0.5870	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5403	-0.6050	-0.5945	*****	*****	*****	*****	*****	*****	-0.2668
0.250	*****	-0.6206	-0.6109	-0.5285	-0.4082	*****	*****	*****	*****	-0.4082
0.300	-0.5433	-0.6463	-0.6476	-0.5542	-0.5088	*****	*****	*****	*****	-0.5088
0.350	-0.5719	-0.7031	-0.7148	-0.6174	-0.5800	*****	*****	*****	*****	-0.5800
0.400	-0.6348	-0.8155	-0.8408	-0.7194	-0.6768	*****	*****	*****	*****	-0.6768
0.450	-0.8024	-0.9976	-1.0241	-0.8809	-0.8191	*****	*****	*****	*****	-0.8191
0.500	-1.1378	-1.2170	-1.2539	-1.0827	-1.0010	*****	*****	*****	*****	-1.0010
0.525	*****	-1.3345	-1.3588	-1.1863	-1.1008	*****	*****	*****	*****	-1.1008
0.550	-1.4672	-1.4299	-1.4579	-1.2832	-1.0267	*****	*****	*****	*****	-1.0267
0.575	*****	-1.5157	-1.5272	-1.3752	-0.7069	*****	*****	*****	*****	-0.7069
0.600	-1.5456	-1.5769	-1.6006	-1.4577	-0.6719	*****	*****	*****	*****	-0.6719
0.625	*****	*****	-1.4478	-1.5006	-0.6670	*****	*****	*****	*****	-0.6670
0.650	-1.5364	-1.3899	-1.3848	-1.2051	-0.6527	*****	*****	*****	*****	-0.6527
0.675	*****	-1.3879	-1.3727	-1.1762	-0.6404	*****	*****	*****	*****	-0.6404
0.700	-1.5436	-1.3717	-1.3748	-1.1703	-0.5773	*****	*****	*****	*****	-0.5773
0.725	*****	-1.3700	*****	-1.1706	-0.5454	*****	*****	*****	*****	-0.5454
0.750	-1.5494	-1.3792	*****	-1.1620	-0.5611	*****	*****	*****	*****	-0.5611
0.775	*****	-1.3984	-1.4003	-1.1605	-0.5876	*****	*****	*****	*****	-0.5876
0.800	-1.4196	-1.3913	-1.4287	-1.1713	*****	*****	*****	*****	*****	-0.5876
0.825	*****	-1.3604	-1.4339	-1.2010	-0.6313	*****	*****	*****	*****	-0.6313
0.850	-1.3147	-1.3220	-1.3649	-1.2127	-0.6070	*****	*****	*****	*****	-0.6070
0.875	*****	-1.3052	-1.2828	-1.1145	-0.6006	*****	*****	*****	*****	-0.6006
0.900	-1.2821	-1.2947	-1.2460	-1.0041	*****	*****	*****	*****	*****	-0.6006
0.925	*****	-1.3020	-1.2428	-0.9469	-0.5968	*****	*****	*****	*****	-0.5968
0.950	-1.2912	-1.2982	-1.2428	-0.9540	-0.4965	*****	*****	*****	*****	-0.4965
0.975	*****	-1.2897	-1.2392	-0.9594	-0.4714	*****	*****	*****	*****	-0.4714
1.000	-1.2736	-1.2921	-1.2435	-0.9398	-0.4510	*****	*****	*****	*****	-0.4510
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5236	0.4680	0.4401	*****	-0.5120	*****	*****	*****	*****	-0.5120
-0.600	0.5226	0.4663	0.4173	0.2189	-0.5663	*****	*****	*****	*****	-0.5663
-0.700	0.5286	0.4682	0.4002	0.2497	-0.5460	*****	*****	*****	*****	-0.5460
-0.800	*****	0.4665	0.4049	0.2565	-0.5114	*****	*****	*****	*****	-0.5114
-0.850	*****	*****	0.3959	0.2768	-0.4328	*****	*****	*****	*****	-0.4328
-0.900	*****	0.4251	0.3741	0.2726	-0.4091	*****	*****	*****	*****	-0.4091
-0.950	0.4462	0.3626	0.3342	0.2540	-0.3621	*****	*****	*****	*****	-0.3621
-0.975	0.3672	0.1370	0.1948	0.1660	-0.1310	*****	*****	*****	*****	-0.1310
-1.000	*****	0.0156	0.0107	0.0259	-0.1033	*****	*****	*****	*****	-0.1033
-1.000	-1.2786	-1.3029	-1.2564	-0.8826	-0.4792	*****	*****	*****	*****	-0.4792

Small Radius L.E.
 Run No. = 41, Point No. = 860
 $C_N = 1.128$, $C_m = -0.1905$
 $\alpha = 22.6^\circ$, $M_\infty = 0.850$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1900	*****
0.20	-1.2736	-1.2786
0.30	-1.3014	*****
0.40	-1.2921	-1.3029
0.50	-1.2685	*****
0.60	-1.2435	-1.2564
0.70	-0.9986	*****
0.80	-0.9398	-0.8826
0.90	-0.4727	*****
0.95	-0.4510	-0.4792

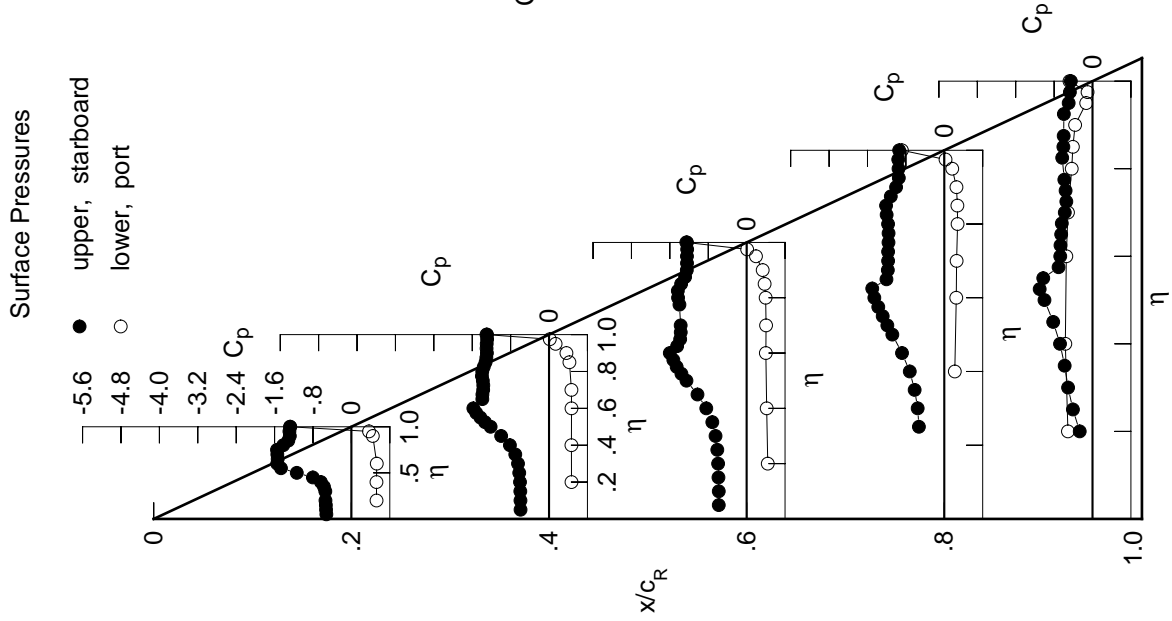
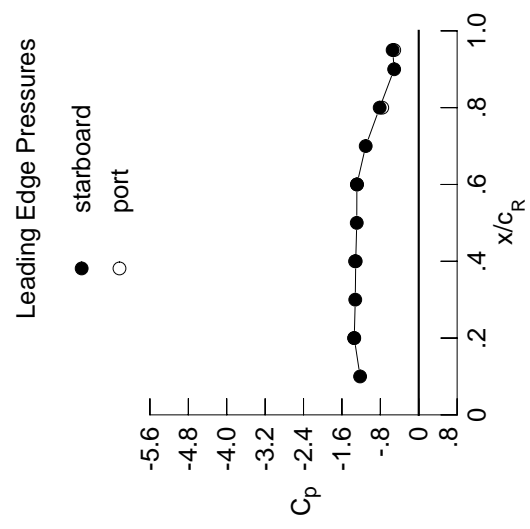


Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5596	-0.6180	-0.6172	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5652	-0.6239	-0.6225	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5743	-0.6240	-0.6286	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5824	-0.6351	-0.6408	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6533	-0.6643	-0.4982	-0.4176	*****	*****	*****	*****	*****
0.300	-0.5952	-0.6948	-0.7085	-0.5385	-0.5189	*****	*****	*****	*****	*****
0.350	-0.6423	-0.7608	-0.7902	-0.6061	-0.5966	*****	*****	*****	*****	*****
0.400	-0.7491	-0.8983	-0.9246	-0.7272	-0.7045	*****	*****	*****	*****	*****
0.450	-0.9642	-1.0969	-1.1124	-0.8963	-0.8547	*****	*****	*****	*****	*****
0.500	-1.2747	-1.3105	-1.3210	-1.1007	-1.0445	*****	*****	*****	*****	*****
0.525	*****	-1.4173	-1.4134	-1.2030	-1.0734	*****	*****	*****	*****	*****
0.550	-1.5123	-1.5009	-1.4977	-1.2958	-0.6986	*****	*****	*****	*****	*****
0.575	*****	-1.5716	-1.5621	-1.3837	-0.6412	*****	*****	*****	*****	*****
0.600	-1.4749	-1.6133	-1.6158	-1.4601	-0.6218	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4343	-1.3904	-0.6155	*****	*****	*****	*****	*****
0.650	-1.4672	-1.4260	-1.4065	-1.1446	-0.6131	*****	*****	*****	*****	*****
0.675	*****	-1.4334	-1.3959	-1.1265	-0.6071	*****	*****	*****	*****	*****
0.700	-1.4738	-1.4146	-1.3946	-1.1361	-0.5936	*****	*****	*****	*****	*****
0.725	*****	-1.4085	*****	-1.1356	-0.5917	*****	*****	*****	*****	*****
0.750	-1.5247	-1.4227	*****	-1.1179	-0.6131	*****	*****	*****	*****	*****
0.775	*****	-1.4457	-1.4359	-1.1148	-0.6259	*****	*****	*****	*****	*****
0.800	-1.4226	-1.4519	-1.4825	-1.1223	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4122	-1.4766	-1.1430	-0.6488	*****	*****	*****	*****	*****
0.850	-1.3548	-1.3594	-1.3915	-1.1684	-0.6297	*****	*****	*****	*****	*****
0.875	*****	-1.3246	-1.3026	-1.0728	-0.6353	*****	*****	*****	*****	*****
0.900	-1.3473	-1.3131	-1.2802	-0.9552	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3135	-1.2829	-0.8796	-0.6772	*****	*****	*****	*****	*****
0.950	-1.3570	-1.3128	-1.2878	-0.8645	-0.5727	*****	*****	*****	*****	*****
0.975	*****	-1.3066	-1.2854	-0.8508	-0.5592	*****	*****	*****	*****	*****
1.000	-1.3433	-1.3126	-1.2886	-0.8133	-0.5437	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5465	0.4900	0.4610	*****	-0.4997	*****	*****	*****	*****	*****
-0.600	0.5495	0.4902	0.4322	0.2374	-0.5505	*****	*****	*****	*****	*****
-0.700	0.5517	0.4889	0.4221	0.2631	-0.5318	*****	*****	*****	*****	*****
-0.800	*****	0.4884	0.4189	0.2707	-0.4972	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4087	0.2893	-0.4232	*****	*****	*****	*****	*****
-0.900	*****	0.4386	0.3864	0.2865	-0.3966	*****	*****	*****	*****	*****
-0.950	0.4568	0.3681	0.3415	0.2625	-0.3502	*****	*****	*****	*****	*****
-0.975	0.3718	0.1369	0.1885	0.1669	-0.1340	*****	*****	*****	*****	*****
-1.000	*****	0.0046	-0.0015	0.0222	-0.1182	*****	*****	*****	*****	*****
		-1.3453	-1.3264	-1.2845	-0.7598	-0.5106	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 41, Point No. = 861
 $C_N = 1.168$, $C_m = -0.1947$
 $\alpha = 23.6^\circ$, $M_\infty = 0.850$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.2214	*****
0.20	-1.3433	-1.3453
0.30	-1.3223	*****
0.40	-1.3126	-1.3264
0.50	-1.2909	*****
0.60	-1.2886	-1.2845
0.70	-1.1048	*****
0.80	-0.8133	-0.7598
0.90	-0.5116	*****
0.95	-0.5437	-0.5106

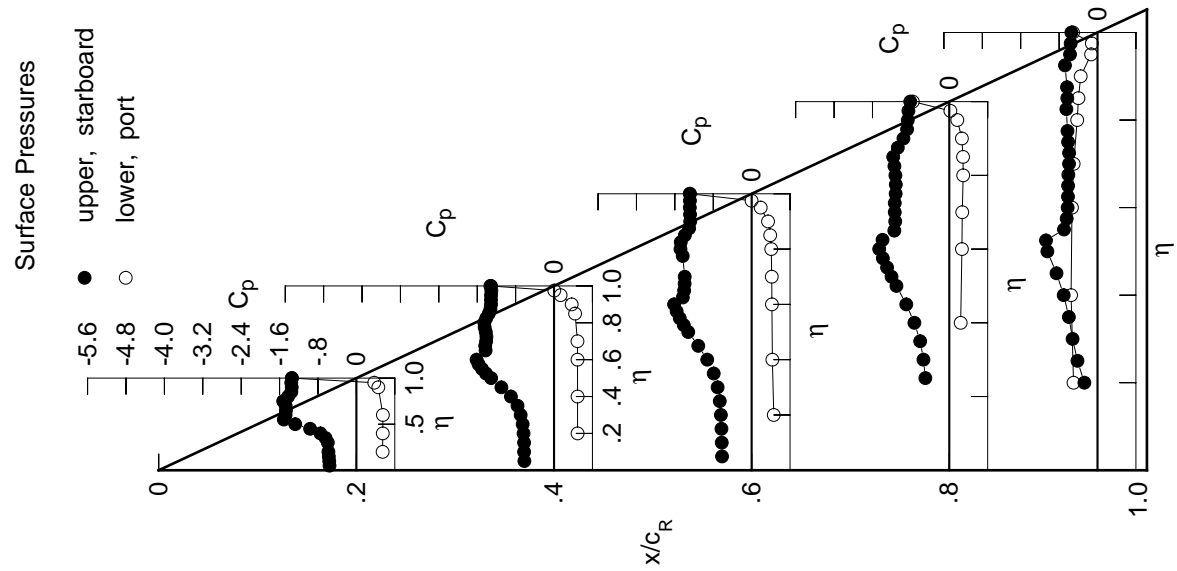
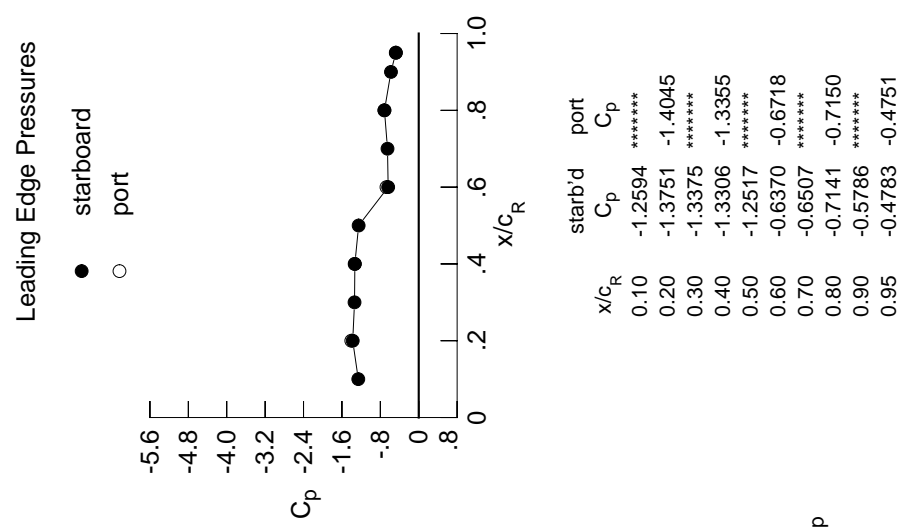


Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5954	-0.6434	-0.0124	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6030	-0.6482	-0.0273	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6120	-0.6511	-0.0419	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6208	-0.6633	-0.0677	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6912	-0.1000	-0.6855	-0.6541	*****	*****	*****	*****	*****
0.300	-0.6507	-0.7386	-0.1722	-0.7010	-0.7014	*****	*****	*****	*****	*****
0.350	-0.7209	-0.8145	-0.2840	-0.7587	-0.7379	*****	*****	*****	*****	*****
0.400	-0.8684	-0.9603	-0.4614	-0.7861	-0.7715	*****	*****	*****	*****	*****
0.450	-1.0997	-1.1565	-0.6902	-0.8339	-0.7695	*****	*****	*****	*****	*****
0.500	-1.3711	-1.3595	-0.9722	-0.8700	-0.7534	*****	*****	*****	*****	*****
0.525	*****	-1.4522	-1.1037	-0.8805	-0.7631	*****	*****	*****	*****	*****
0.550	-1.5307	-1.5351	-1.2116	-0.8740	-0.7532	*****	*****	*****	*****	*****
0.575	*****	-1.5950	-1.3063	-0.8844	-0.7587	*****	*****	*****	*****	*****
0.600	-1.4560	-1.6183	-1.3470	-0.8946	-0.7617	*****	*****	*****	*****	*****
0.625	*****	*****	-1.1832	-0.8943	-0.7618	*****	*****	*****	*****	*****
0.650	-1.4360	-1.4354	-1.0359	-0.8851	-0.7584	*****	*****	*****	*****	*****
0.675	*****	-1.4536	-0.9851	-0.8724	-0.7401	*****	*****	*****	*****	*****
0.700	-1.4592	-1.4399	-0.9573	-0.8634	-0.7337	*****	*****	*****	*****	*****
0.725	*****	-1.4355	*****	-0.8445	-0.7136	*****	*****	*****	*****	*****
0.750	-1.5056	-1.4499	*****	-0.8271	-0.7085	*****	*****	*****	*****	*****
0.775	*****	-1.4799	-0.8530	-0.8137	-0.6826	*****	*****	*****	*****	*****
0.800	-1.4066	-1.4981	-0.8318	-0.8046	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4478	-0.8402	-0.7944	-0.6539	*****	*****	*****	*****	*****
0.850	-1.3920	-1.3773	-0.8252	-0.7813	-0.6309	*****	*****	*****	*****	*****
0.875	*****	-1.3348	-0.7674	-0.7654	-0.6168	*****	*****	*****	*****	*****
0.900	-1.3869	-1.3277	-0.7213	-0.7673	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3301	-0.6899	-0.7533	-0.5878	*****	*****	*****	*****	*****
0.950	-1.3921	-1.3314	-0.6781	-0.7439	-0.5449	*****	*****	*****	*****	*****
0.975	*****	-1.3220	-0.6605	-0.7335	-0.5098	*****	*****	*****	*****	*****
1.000	-1.3751	-1.3306	-0.6370	-0.7141	-0.4783	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5740	0.5121	0.4775	*****	*****	*****	*****	*****	*****	*****
-0.600	0.5755	0.5119	0.4499	0.2411	-0.5725	*****	*****	*****	*****	*****
-0.700	0.5736	0.5084	0.4421	0.2678	-0.5468	*****	*****	*****	*****	*****
-0.800	*****	0.5069	0.4405	0.2761	-0.5168	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4314	0.2908	-0.4402	*****	*****	*****	*****	*****
-0.900	*****	0.4496	0.4098	0.2881	-0.4149	*****	*****	*****	*****	*****
-0.950	0.4654	0.3741	0.3658	0.2658	-0.3677	*****	*****	*****	*****	*****
-0.975	0.3756	0.1374	0.2209	0.1745	-0.1479	*****	*****	*****	*****	*****
-1.000	*****	-0.0043	0.0423	0.0395	-0.1276	*****	*****	*****	*****	*****
	-1.4045	-1.3355	-0.6718	-0.7150	-0.4751	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 41, Point No. = 862
 $C_N = 1.093$, $C_m = -0.1797$
 $\alpha = 24.6^\circ$, $M_\infty = 0.850$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.2594	*****
0.20	-1.3751	-1.4045
0.30	-1.3375	*****
0.40	-1.3306	-1.3355
0.50	-1.2517	*****
0.60	-0.6370	-0.6718
0.70	-0.6507	*****
0.80	-0.7141	-0.7150
0.90	-0.5786	*****
0.95	-0.4783	-0.4751

Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6395	-0.6873	-0.0205	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6434	-0.6906	-0.0305	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6529	-0.6978	-0.0456	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6632	-0.7138	-0.0686	*****	*****	*****	*****	*****	*****	-0.6587
0.250	*****	-0.7461	-0.1081	-0.9185	-0.9185	-0.7294	*****	*****	*****	-0.7294
0.300	-0.7151	-0.8034	-0.1887	-0.9194	-0.9194	-0.7928	*****	*****	*****	-0.7928
0.350	-0.8121	-0.8936	-0.3088	-0.9471	-0.9471	-0.8094	*****	*****	*****	-0.8094
0.400	-0.9854	-1.0432	-0.5028	-0.9330	-0.9330	-0.7963	*****	*****	*****	-0.7963
0.450	-1.2160	-1.2323	-0.7250	-0.9167	-0.9167	-0.7677	*****	*****	*****	-0.7677
0.500	-1.4497	-1.4126	-0.9973	-0.9058	-0.9058	-0.7501	*****	*****	*****	-0.7501
0.525	*****	-1.4969	-1.1167	-0.9104	-0.9104	-0.7691	*****	*****	*****	-0.7691
0.550	-1.5996	-1.5656	-1.2118	-0.9040	-0.9040	-0.7680	*****	*****	*****	-0.7680
0.575	*****	-1.6200	-1.2946	-0.9211	-0.9211	-0.7832	*****	*****	*****	-0.7832
0.600	-1.5188	-1.6126	-1.3225	-0.9364	-0.9364	-0.7860	*****	*****	*****	-0.7860
0.625	*****	*****	-1.1323	-0.9359	-0.9359	-0.7926	*****	*****	*****	-0.7926
0.650	-1.4799	-1.4573	-0.9914	-0.9299	-0.9299	-0.7851	*****	*****	*****	-0.7851
0.675	*****	-1.4772	-0.9478	-0.9270	-0.9270	-0.7686	*****	*****	*****	-0.7686
0.700	-1.4610	-1.4647	-0.9203	-0.9190	-0.9190	-0.7602	*****	*****	*****	-0.7602
0.725	*****	-1.4625	*****	-0.9059	-0.9059	-0.7448	*****	*****	*****	-0.7448
0.750	-1.4922	-1.4763	*****	-0.8818	-0.8818	-0.7335	*****	*****	*****	-0.7335
0.775	*****	-1.5151	-0.8127	-0.8772	-0.8772	-0.7105	*****	*****	*****	-0.7105
0.800	-1.4183	-1.5353	-0.7904	-0.8671	-0.8671	*****	*****	*****	*****	*****
0.825	*****	-1.4828	-0.7866	-0.8588	-0.8588	-0.6774	*****	*****	*****	-0.6774
0.850	-1.4117	-1.4008	-0.7820	-0.8407	-0.8407	-0.6480	*****	*****	*****	-0.6480
0.875	*****	-1.3632	-0.7573	-0.8250	-0.8250	-0.6353	*****	*****	*****	-0.6353
0.900	-1.4029	-1.3576	-0.7318	-0.8268	-0.8268	*****	*****	*****	*****	*****
0.925	*****	-1.3691	-0.7068	-0.8111	-0.8111	-0.6020	*****	*****	*****	-0.6020
0.950	-1.4057	-1.3701	-0.6985	-0.7972	-0.7972	-0.5575	*****	*****	*****	-0.5575
0.975	*****	-1.3638	-0.6901	-0.7786	-0.7786	-0.5214	*****	*****	*****	-0.5214
1.000	-1.3883	-1.3717	-0.6678	-0.7549	-0.7549	-0.4877	*****	*****	*****	-0.4877
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.6010	0.5360	0.4929	*****	*****	-0.5066	*****	*****	*****	-0.5066
-0.600	0.6008	0.5341	0.4692	0.2566	0.2566	-0.5570	*****	*****	*****	-0.5570
-0.700	0.5992	0.5329	0.4572	0.2828	0.2828	-0.5314	*****	*****	*****	-0.5314
-0.800	*****	0.5267	0.4552	0.2917	0.2917	-0.5034	*****	*****	*****	-0.5034
-0.850	*****	*****	0.4453	0.3001	0.3001	-0.4258	*****	*****	*****	-0.4258
-0.900	*****	0.4608	0.4200	0.2986	0.2986	-0.4011	*****	*****	*****	-0.4011
-0.950	0.4759	0.3796	0.3702	0.2723	0.2723	-0.3528	*****	*****	*****	-0.3528
-0.975	0.3799	0.1348	0.2144	0.1708	0.1708	-0.1444	*****	*****	*****	-0.1444
-1.000	*****	-0.0161	0.0264	0.0256	0.0256	-0.1326	*****	*****	*****	-0.1326
-1.000	-1.4262	-1.3711	-0.7338	-0.7317	-0.7317	-0.4863	*****	*****	*****	-0.4863

Small Radius L.E.
 Run No. = 41, Point No. = 863
 $C_N = 1.139$, $C_m = -0.1830$
 $\alpha = 25.7^\circ$, $M_\infty = 0.850$
 $R_{mac} = 6.0 \times 10^6$

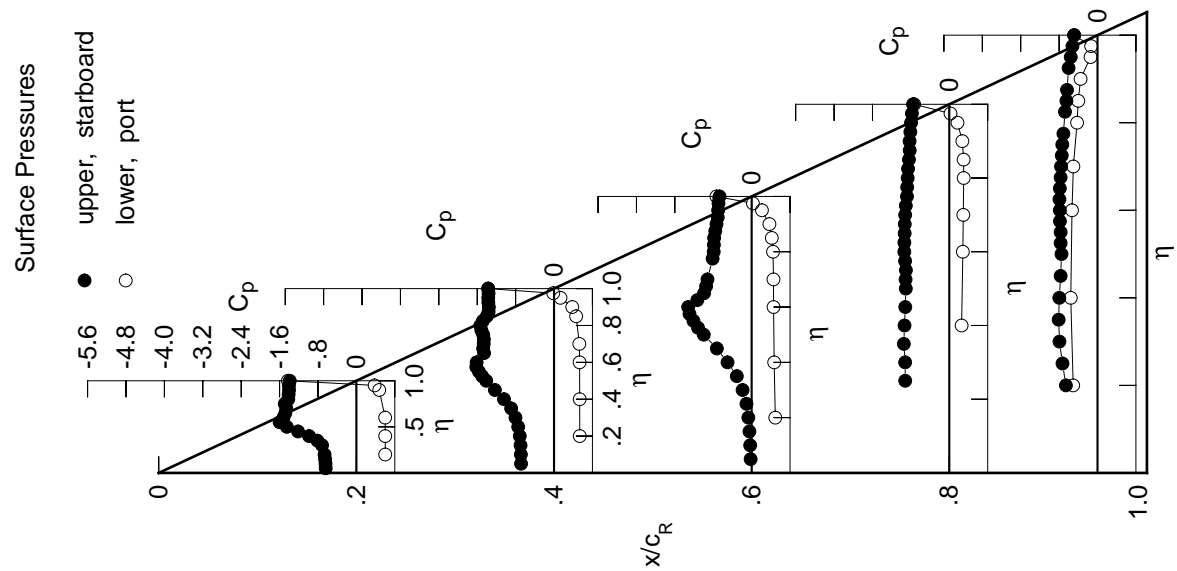
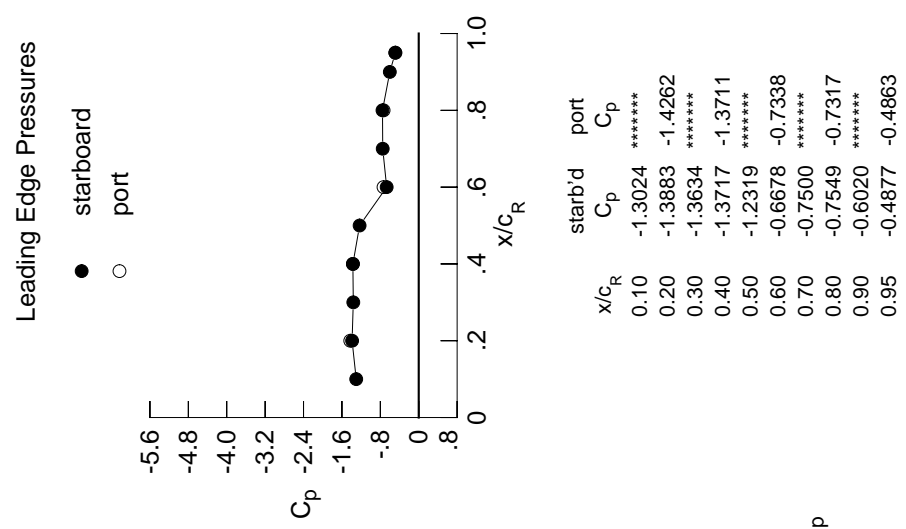
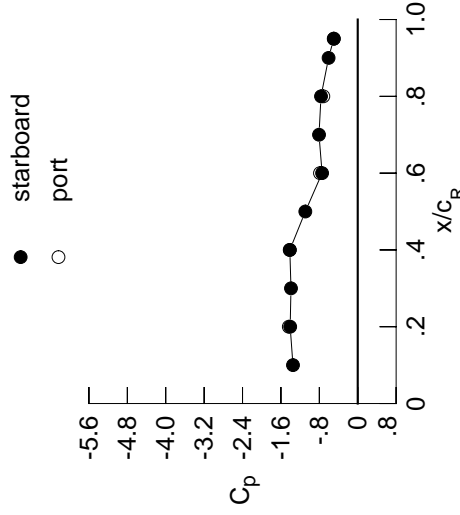


Table C1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6736	-0.7183	-0.0988	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6791	-0.7258	-0.1074	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6902	-0.7356	-0.1189	*****	*****	*****	*****	*****	*****	*****
0.200	-0.7058	-0.7530	-0.1414	*****	*****	*****	*****	*****	*****	-0.7197
0.250	*****	-0.7935	-0.1849	-0.9920	-0.9920	-0.8040	*****	*****	*****	*****
0.300	-0.7796	-0.8588	-0.2659	-0.9642	-0.9642	-0.8556	*****	*****	*****	*****
0.350	-0.8961	-0.9627	-0.3949	-0.9517	-0.9517	-0.8265	*****	*****	*****	*****
0.400	-1.0871	-1.1140	-0.5827	-0.8996	-0.8996	-0.7809	*****	*****	*****	*****
0.450	-1.3077	-1.2982	-0.7930	-0.8746	-0.8746	-0.7433	*****	*****	*****	*****
0.500	-1.5138	-1.4608	-1.0352	-0.8799	-0.8799	-0.7407	*****	*****	*****	*****
0.525	*****	-1.5364	-1.1351	-0.8973	-0.8973	-0.7630	*****	*****	*****	*****
0.550	-1.6462	-1.5983	-1.2104	-0.9024	-0.9024	-0.7683	*****	*****	*****	*****
0.575	*****	-1.6468	-1.2651	-0.9270	-0.9270	-0.7883	*****	*****	*****	*****
0.600	-1.5580	-1.6133	-1.2495	-0.9436	-0.9436	-0.7938	*****	*****	*****	*****
0.625	*****	*****	-1.0555	-0.9403	-0.9403	-0.8003	*****	*****	*****	*****
0.650	-1.5301	-1.4749	-0.9623	-0.9374	-0.9374	-0.7916	*****	*****	*****	*****
0.675	*****	-1.4957	-0.9383	-0.9396	-0.9396	-0.7750	*****	*****	*****	*****
0.700	-1.5241	-1.4872	-0.9253	-0.9366	-0.9366	-0.7684	*****	*****	*****	*****
0.725	*****	-1.4892	*****	-0.9263	-0.9263	-0.7521	*****	*****	*****	*****
0.750	-1.5400	-1.5027	*****	-0.9079	-0.9079	-0.7432	*****	*****	*****	*****
0.775	*****	-1.5445	-0.8537	-0.9007	-0.9007	-0.7167	*****	*****	*****	*****
0.800	-1.4678	-1.5668	-0.8281	-0.8926	-0.8926	*****	*****	*****	*****	*****
0.825	*****	-1.5101	-0.8168	-0.8880	-0.8880	-0.6858	*****	*****	*****	*****
0.850	-1.4337	-1.4321	-0.8091	-0.8684	-0.8684	-0.6578	*****	*****	*****	*****
0.875	*****	-1.3973	-0.7999	-0.8492	-0.8492	-0.6433	*****	*****	*****	*****
0.900	-1.4168	-1.3959	-0.7849	-0.8482	-0.8482	*****	*****	*****	*****	*****
0.925	*****	-1.4104	-0.7668	-0.8302	-0.8302	-0.6125	*****	*****	*****	*****
0.950	-1.4212	-1.4109	-0.7603	-0.8166	-0.8166	-0.5711	*****	*****	*****	*****
0.975	*****	-1.4016	-0.7566	-0.7947	-0.7947	-0.5363	*****	*****	*****	*****
1.000	-1.4075	-1.4148	-0.7425	-0.7651	-0.7651	-0.5003	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.6291	0.5566	0.5131	*****	*****	-0.4948	*****	*****	*****	*****
-0.600	0.6260	0.5592	0.4864	0.2724	-0.5403	*****	*****	*****	*****	*****
-0.700	0.6198	0.5505	0.4765	0.3008	-0.5172	*****	*****	*****	*****	*****
-0.800	*****	0.5457	0.4743	0.3046	-0.4868	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4577	0.3158	-0.4121	*****	*****	*****	*****	*****
-0.900	0.4840	0.3827	0.4283	0.3090	-0.3885	*****	*****	*****	*****	*****
-0.950	0.3818	0.1374	0.2068	0.2785	-0.3407	*****	*****	*****	*****	*****
-0.975	*****	-0.0280	0.0091	0.1685	-0.1394	*****	*****	*****	*****	*****
-1.000	-1.4362	-1.4158	-0.7867	-0.7168	-0.4973	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 41, Point No. = 864
 $C_N = 1.178$, $C_m = -0.1876$
 $\alpha = 26.7^\circ$, $M_\infty = 0.849$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.3491	*****
0.20	-1.4075	-1.4362
0.30	-1.3905	*****
0.40	-1.4148	-1.4158
0.50	-1.0916	*****
0.60	-0.7425	-0.7867
0.70	-0.8068	*****
0.80	-0.7651	-0.7168
0.90	-0.6069	*****
0.95	-0.5003	-0.4973

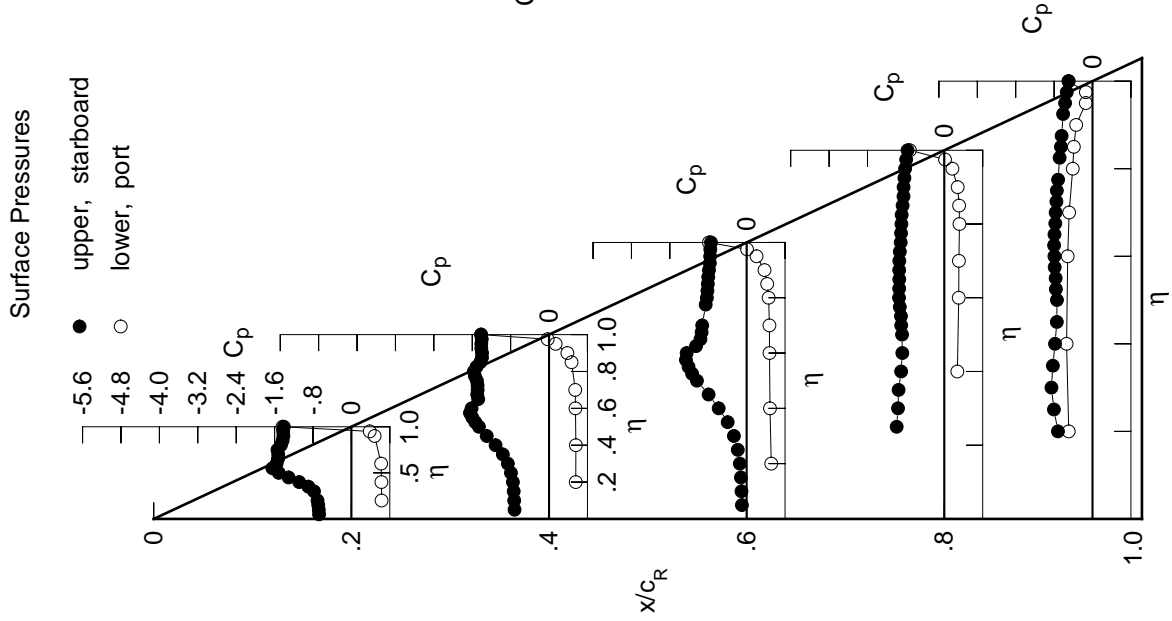


Table C1. Concluded.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0079	0.0018	0.1280	0.1280	0.1280	0.1280	0.1280	0.1280	0.1280	0.1280
0.100	-0.0083	0.0051	0.1159	0.1159	0.1159	0.1159	0.1159	0.1159	0.1159	0.1159
0.150	-0.0128	-0.0012	0.1051	0.1051	0.1051	0.1051	0.1051	0.1051	0.1051	0.1051
0.200	-0.0119	0.0060	0.0898	0.0898	0.0898	0.0898	0.0898	0.0898	0.0898	0.0898
0.250	0.0000	-0.0012	0.0821	0.0821	0.0821	0.0821	0.0821	0.0821	0.0821	0.0821
0.300	-0.0341	0.0001	0.0694	0.0694	0.0694	0.0694	0.0694	0.0694	0.0694	0.0694
0.350	-0.0435	-0.0040	0.0590	0.0590	0.0590	0.0590	0.0590	0.0590	0.0590	0.0590
0.400	-0.0490	-0.0027	0.0509	0.0509	0.0509	0.0509	0.0509	0.0509	0.0509	0.0509
0.450	-0.0532	-0.0058	0.0479	0.0479	0.0479	0.0479	0.0479	0.0479	0.0479	0.0479
0.500	-0.0579	-0.0096	0.0363	0.0363	0.0363	0.0363	0.0363	0.0363	0.0363	0.0363
0.525	0.0000	-0.0102	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323
0.550	-0.0628	-0.0135	0.0292	0.0292	0.0292	0.0292	0.0292	0.0292	0.0292	0.0292
0.575	0.0000	-0.0142	0.0261	0.0261	0.0261	0.0261	0.0261	0.0261	0.0261	0.0261
0.600	-0.0656	-0.0159	0.0217	0.0217	0.0217	0.0217	0.0217	0.0217	0.0217	0.0217
0.625	0.0000	0.0000	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
0.650	-0.0649	-0.0406	0.0160	0.0160	0.0160	0.0160	0.0160	0.0160	0.0160	0.0160
0.675	0.0000	-0.0469	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043
0.700	-0.0600	-0.0548	0.0055	0.0055	0.0055	0.0055	0.0055	0.0055	0.0055	0.0055
0.725	0.0000	-0.0601	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.750	-0.0500	-0.0678	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.775	0.0000	-0.0711	-0.0338	-0.0338	-0.0338	-0.0338	-0.0338	-0.0338	-0.0338	-0.0338
0.800	-0.0292	-0.0778	-0.0446	-0.0446	-0.0446	-0.0446	-0.0446	-0.0446	-0.0446	-0.0446
0.825	0.0000	-0.0747	-0.0533	-0.0533	-0.0533	-0.0533	-0.0533	-0.0533	-0.0533	-0.0533
0.850	-0.0022	-0.0702	-0.0667	-0.0667	-0.0667	-0.0667	-0.0667	-0.0667	-0.0667	-0.0667
0.875	0.0000	-0.0591	-0.0643	-0.0643	-0.0643	-0.0643	-0.0643	-0.0643	-0.0643	-0.0643
0.900	0.0343	-0.0419	-0.0638	-0.0638	-0.0638	-0.0638	-0.0638	-0.0638	-0.0638	-0.0638
0.925	0.0000	-0.0157	-0.0465	-0.0465	-0.0465	-0.0465	-0.0465	-0.0465	-0.0465	-0.0465
0.950	0.0777	0.0192	-0.0136	-0.0136	-0.0136	-0.0136	-0.0136	-0.0136	-0.0136	-0.0136
0.975	0.0000	0.0659	0.0450	0.0450	0.0450	0.0450	0.0450	0.0450	0.0450	0.0450
1.000	0.1989	0.1912	0.1890	0.1890	0.1890	0.1890	0.1890	0.1890	0.1890	0.1890
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0166	-0.0014	0.0879	0.0879	0.0879	0.0879	0.0879	0.0879	0.0879	0.0879
-0.400	-0.0483	-0.0004	0.0443	0.0443	0.0443	0.0443	0.0443	0.0443	0.0443	0.0443
-0.600	-0.0716	-0.0111	0.0165	0.0165	0.0165	0.0165	0.0165	0.0165	0.0165	0.0165
-0.700	0.0000	-0.0555	-0.0021	-0.0021	-0.0021	-0.0021	-0.0021	-0.0021	-0.0021	-0.0021
-0.800	0.0000	0.0000	-0.0539	-0.0539	-0.0539	-0.0539	-0.0539	-0.0539	-0.0539	-0.0539
-0.850	0.0000	-0.0734	-0.0724	-0.0724	-0.0724	-0.0724	-0.0724	-0.0724	-0.0724	-0.0724
-0.900	-0.0105	-0.0464	-0.0745	-0.0745	-0.0745	-0.0745	-0.0745	-0.0745	-0.0745	-0.0745
-0.950	0.0250	0.0159	-0.0235	-0.0235	-0.0235	-0.0235	-0.0235	-0.0235	-0.0235	-0.0235
-0.975	0.0000	0.0668	0.0326	0.0326	0.0326	0.0326	0.0326	0.0326	0.0326	0.0326
-1.000	0.1988	0.1918	0.1852	0.1852	0.1852	0.1852	0.1852	0.1852	0.1852	0.1852

Small Radius L.E.

Run No. = 41, Point No. = 865

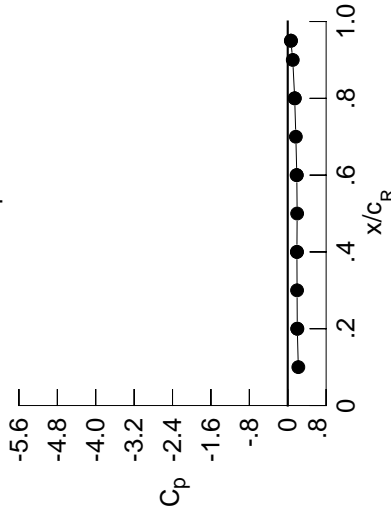
$C_N = -0.011$, $C_m = 0.0032$

$\alpha = 0.1^\circ$, $M_\infty = 0.850$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2205	0.1988
0.20	0.1989	0.1988
0.30	0.1945	0.1988
0.40	0.1912	0.1918
0.50	0.1961	0.1988
0.60	0.1890	0.1852
0.70	0.1690	0.1690
0.80	0.1448	0.1475
0.90	0.1047	0.1047
0.95	0.0646	0.0688

Surface Pressures

● upper, starboard
○ lower, port

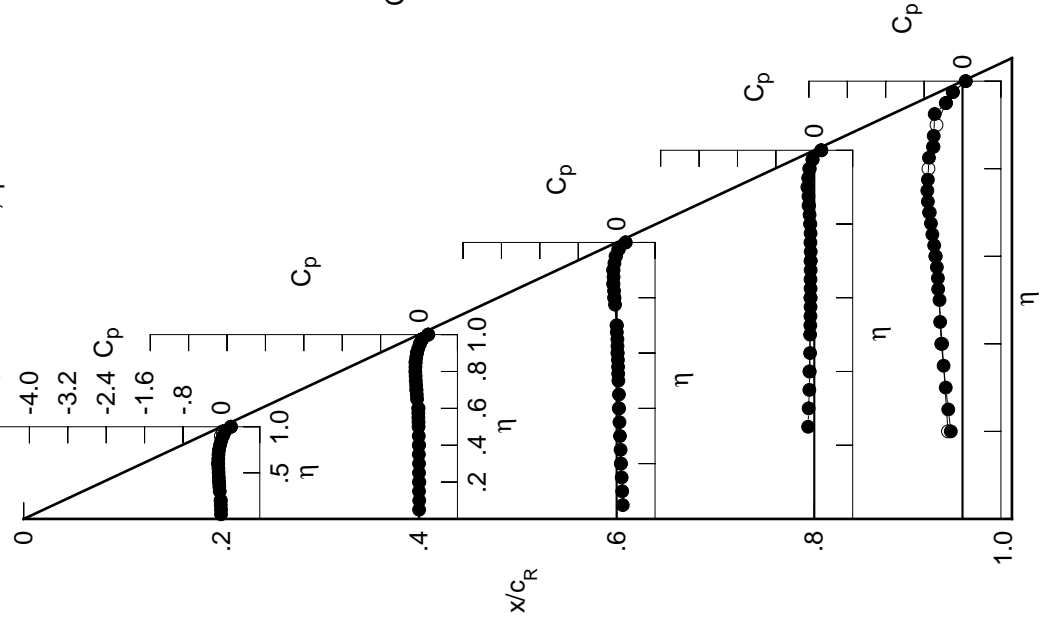


Table C2. Tabulations and Plots of Surface Pressure Coefficients.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0080	0.0054	0.1301	*****	*****
0.100	-0.0067	0.0051	0.1213	*****	*****
0.150	-0.0115	0.0055	0.1081	*****	*****
0.200	-0.0141	0.0071	0.0940	*****	-0.3413
0.250	*****	0.0028	0.0807	-0.1361	-0.3701
0.300	-0.0195	0.0029	0.0707	-0.1204	-0.4064
0.350	-0.0267	0.0024	0.0595	-0.1082	-0.4570
0.400	-0.0324	0.0004	0.0524	-0.0984	-0.5072
0.450	-0.0389	-0.0030	0.0500	-0.0916	-0.5252
0.500	-0.0436	-0.0036	0.0360	-0.0855	-0.5329
0.525	*****	-0.0079	0.0327	-0.0852	-0.5556
0.550	-0.0481	-0.0098	0.0303	-0.0810	-0.5551
0.575	*****	-0.0119	0.0294	-0.0798	-0.5750
0.600	-0.0493	-0.0142	0.0206	-0.0801	-0.5924
0.625	*****	*****	0.0202	-0.0747	-0.6186
0.650	-0.0468	-0.0191	0.0169	-0.0735	-0.6527
0.675	*****	-0.0277	0.0102	-0.0748	-0.6666
0.700	-0.0375	-0.0350	0.0090	-0.0749	-0.6934
0.725	*****	-0.0413	*****	-0.0751	-0.7200
0.750	-0.0236	-0.0464	*****	-0.0738	-0.7338
0.775	*****	-0.0510	-0.0146	-0.0806	-0.7172
0.800	-0.0058	-0.0530	-0.0236	-0.0831	*****
0.825	*****	-0.0512	-0.0358	-0.0842	-0.6001
0.850	-0.0172	-0.0428	-0.0441	-0.0972	-0.6345
0.875	*****	-0.0276	-0.0451	-0.1091	-0.7684
0.900	0.0568	-0.0044	-0.0372	-0.1117	*****
0.925	*****	0.0136	-0.0141	-0.0967	-0.9468
0.950	0.1004	0.0495	0.0148	-0.0579	-0.3403
0.975	*****	0.0937	0.0775	0.0008	-0.1873
1.000	0.2013	0.1865	0.1633	0.1443	0.0540
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0340	-0.0142	0.0779	*****	-0.3625
-0.400	-0.0650	-0.0175	0.0315	-0.1112	-0.4524
-0.600	-0.0931	-0.0403	0.0009	-0.0946	-0.5347
-0.700	*****	-0.0759	-0.0226	-0.0958	-0.6486
-0.800	*****	*****	-0.0708	-0.1074	-0.6609
-0.850	*****	-0.1085	-0.0983	-0.1440	-0.6644
-0.900	-0.0406	-0.0887	-0.1119	-0.1733	-0.9323
-0.950	-0.0083	-0.0039	-0.0694	-0.1557	-0.3970
-0.975	*****	0.0300	-0.0157	-0.0916	-0.2592

Small Radius L.E.
 Run No. = 35, Point No. = 684
 $C_N = -0.020$, $C_m = -0.0020$
 $\alpha = -0.5^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.8 \times 10^6$

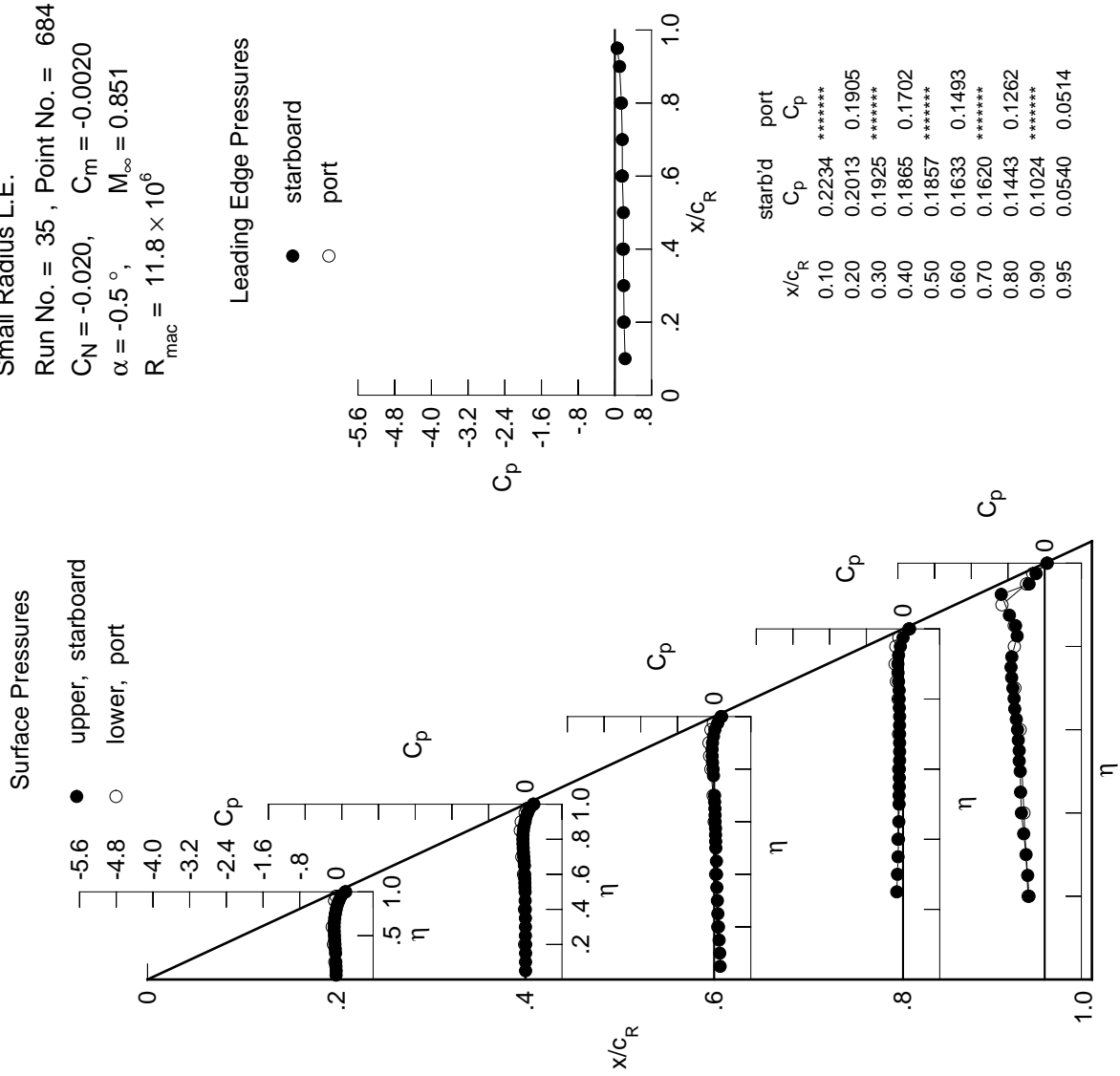


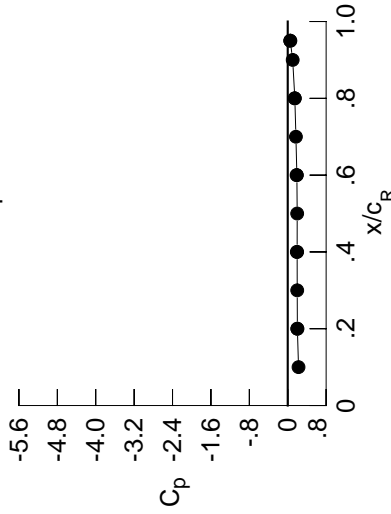
Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0179	-0.0044	0.1232	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0178	-0.0045	0.1139	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0226	-0.0048	0.1013	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0262	-0.0026	0.0854	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0065	0.0746	-0.1450	-0.3624	*****	*****	*****	*****	*****
0.300	-0.0302	-0.0068	0.0618	-0.1265	-0.3974	*****	*****	*****	*****	*****
0.350	-0.0378	-0.0075	0.0522	-0.1160	-0.4464	*****	*****	*****	*****	*****
0.400	-0.0448	-0.0108	0.0432	-0.1052	-0.4956	*****	*****	*****	*****	*****
0.450	-0.0520	-0.0146	0.0431	-0.0994	-0.5164	*****	*****	*****	*****	*****
0.500	-0.0583	-0.0146	0.0261	-0.0939	-0.5190	*****	*****	*****	*****	*****
0.525	*****	-0.0196	0.0240	-0.0936	-0.5380	*****	*****	*****	*****	*****
0.550	-0.0637	-0.0224	0.0203	-0.0894	-0.5362	*****	*****	*****	*****	*****
0.575	*****	-0.0226	0.0204	-0.0890	-0.5538	*****	*****	*****	*****	*****
0.600	-0.0656	-0.0276	0.0102	-0.0887	-0.5692	*****	*****	*****	*****	*****
0.625	*****	*****	0.0115	-0.0827	-0.5953	*****	*****	*****	*****	*****
0.650	-0.0634	-0.0306	0.0043	-0.0819	-0.6347	*****	*****	*****	*****	*****
0.675	*****	-0.0415	-0.0011	-0.0843	-0.6506	*****	*****	*****	*****	*****
0.700	-0.0550	-0.0500	-0.0043	-0.0840	-0.6805	*****	*****	*****	*****	*****
0.725	*****	-0.0562	*****	-0.0838	-0.7120	*****	*****	*****	*****	*****
0.750	-0.0427	-0.0631	*****	-0.0852	-0.7292	*****	*****	*****	*****	*****
0.775	*****	-0.0696	-0.0274	-0.0906	-0.7064	*****	*****	*****	*****	*****
0.800	-0.0283	-0.0722	-0.0395	-0.0969	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0715	-0.0542	-0.0974	-0.5676	*****	*****	*****	*****	*****
0.850	-0.0049	-0.0634	-0.0639	-0.1135	-0.6179	*****	*****	*****	*****	*****
0.875	*****	-0.0491	-0.0669	-0.1274	-0.7827	*****	*****	*****	*****	*****
0.900	0.0343	-0.0386	-0.0599	-0.1329	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0140	-0.0422	-0.1224	-0.9551	*****	*****	*****	*****	*****
0.950	0.0786	0.0237	-0.0144	-0.0948	-0.3582	*****	*****	*****	*****	*****
0.975	*****	0.0668	0.0452	-0.0312	-0.2135	*****	*****	*****	*****	*****
1.000	0.2008	0.1961	0.1905	0.1480	0.0522	*****	*****	*****	*****	*****
η	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0238	-0.0075	0.0841	*****	-0.3703	*****	*****	*****	*****	*****
-0.400	-0.0552	-0.0080	0.0380	-0.1058	-0.4664	*****	*****	*****	*****	*****
-0.600	-0.0806	-0.0293	0.0096	-0.0876	-0.5625	*****	*****	*****	*****	*****
-0.700	*****	-0.0625	-0.0119	-0.0874	-0.6679	*****	*****	*****	*****	*****
-0.800	*****	*****	-0.0559	-0.0964	-0.6698	*****	*****	*****	*****	*****
-0.850	*****	-0.0836	-0.0800	-0.1294	-0.6687	*****	*****	*****	*****	*****
-0.900	-0.0209	-0.0635	-0.0817	-0.1548	-0.8976	*****	*****	*****	*****	*****
-0.950	0.0119	0.0105	-0.0377	-0.1256	-0.3755	*****	*****	*****	*****	*****
-0.975	*****	0.0645	0.0176	-0.0573	-0.2341	*****	*****	*****	*****	*****
-1.000	0.1998	0.1895	0.1836	0.1443	0.0544	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 35 , Point No. = 685
 $C_N = 0.000$, $C_m = -0.0048$
 $\alpha = 0.0^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.8 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2252	*****
0.20	0.2008	0.1998
0.30	0.1976	*****
0.40	0.1961	0.1895
0.50	0.1971	*****
0.60	0.1905	0.1836
0.70	0.1705	*****
0.80	0.1480	0.1443
0.90	0.1032	*****
0.95	0.0522	0.0544

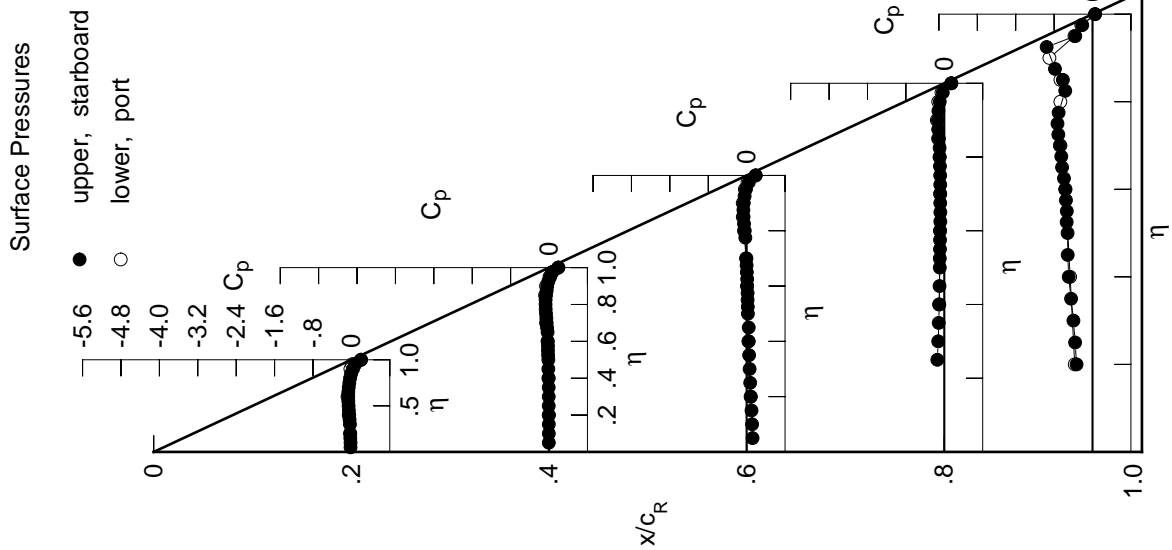


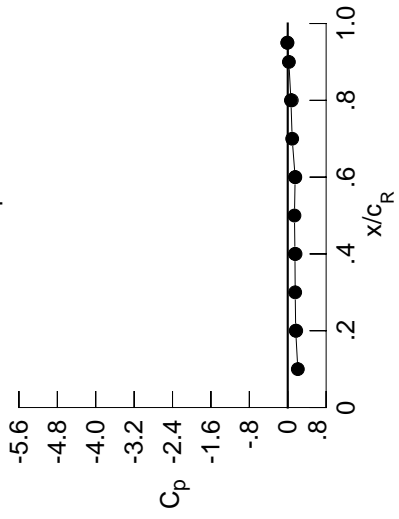
Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0392	-0.0232	0.1085	0.1085	0.0706	0.0706	0.0706	0.0706	0.0706	0.0706
0.100	-0.0389	-0.0249	0.0986	0.0986	0.0585	0.0585	0.0585	0.0585	0.0585	0.0585
0.150	-0.0441	-0.0242	0.0864	0.0864	0.0465	0.0465	0.0465	0.0465	0.0465	0.0465
0.200	-0.0496	-0.0223	0.0706	0.0706	0.0355	0.0355	0.0355	0.0355	0.0355	0.0355
0.250	*****	-0.0267	0.0585	0.0585	0.0273	0.0273	0.0273	0.0273	0.0273	0.0273
0.300	-0.0521	-0.0278	0.0465	0.0465	0.0235	0.0235	0.0235	0.0235	0.0235	0.0235
0.350	-0.0625	-0.0296	0.0355	0.0355	0.0209	0.0209	0.0209	0.0209	0.0209	0.0209
0.400	-0.0696	-0.0320	0.0273	0.0273	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178
0.450	-0.0791	-0.0380	0.0235	0.0235	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157
0.500	-0.0869	-0.0396	0.0209	0.0209	0.0140	0.0140	0.0140	0.0140	0.0140	0.0140
0.525	*****	-0.0435	0.0209	0.0209	0.0126	0.0126	0.0126	0.0126	0.0126	0.0126
0.550	-0.0933	-0.0461	0.0209	0.0209	0.0116	0.0116	0.0116	0.0116	0.0116	0.0116
0.575	*****	-0.0484	0.0209	0.0209	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106
0.600	-0.0967	-0.0535	0.0209	0.0209	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106
0.625	*****	*****	0.0209	0.0209	0.0117	0.0117	0.0117	0.0117	0.0117	0.0117
0.650	-0.0956	-0.0589	0.0178	0.0178	0.0117	0.0117	0.0117	0.0117	0.0117	0.0117
0.675	*****	-0.0718	0.0245	0.0245	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106
0.700	-0.0957	-0.0819	0.0284	0.0284	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106
0.725	*****	-0.0912	0.0284	0.0284	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106
0.750	-0.0924	-0.1013	0.0284	0.0284	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106
0.775	*****	-0.1089	0.0583	0.0583	0.0116	0.0116	0.0116	0.0116	0.0116	0.0116
0.800	-0.0742	-0.1131	0.0758	0.0758	0.0125	0.0125	0.0125	0.0125	0.0125	0.0125
0.825	*****	-0.1190	0.0941	0.0941	0.0129	0.0129	0.0129	0.0129	0.0129	0.0129
0.850	-0.0510	-0.1234	0.1056	0.1056	0.0149	0.0149	0.0149	0.0149	0.0149	0.0149
0.875	*****	-0.1157	0.1248	0.1248	0.0169	0.0169	0.0169	0.0169	0.0169	0.0169
0.900	-0.0130	-0.0995	0.1302	0.1302	0.0190	0.0190	0.0190	0.0190	0.0190	0.0190
0.925	*****	-0.0749	0.1149	0.1149	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178
0.950	0.0284	-0.0400	0.0843	0.0843	0.0167	0.0167	0.0167	0.0167	0.0167	0.0167
0.975	*****	-0.0015	0.0296	0.0296	0.0187	0.0187	0.0187	0.0187	0.0187	0.0187
1.000	0.1663	0.1503	0.1543	0.1543	0.0664	0.0664	0.0664	0.0664	0.0664	0.0664
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0054	0.0099	0.0948	0.0948	0.0394	0.0394	0.0394	0.0394	0.0394	0.0394
-0.400	-0.0328	0.0108	0.0514	0.0514	0.0945	0.0945	0.0945	0.0945	0.0945	0.0945
-0.600	-0.0503	-0.0061	0.0266	0.0266	0.0737	0.0737	0.0737	0.0737	0.0737	0.0737
-0.700	*****	-0.0336	0.0097	0.0097	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705
-0.800	*****	*****	-0.0250	-0.0250	0.0725	0.0725	0.0725	0.0725	0.0725	0.0725
-0.850	*****	-0.0407	0.0419	0.0419	0.0975	0.0975	0.0975	0.0975	0.0975	0.0975
-0.900	0.0202	-0.0015	0.0335	0.0335	0.1105	0.1105	0.1105	0.1105	0.1105	0.1105
-0.950	0.0538	0.0380	0.0267	0.0267	0.0687	0.0687	0.0687	0.0687	0.0687	0.0687
-0.975	*****	0.1092	0.0862	0.0862	0.0152	0.0152	0.0152	0.0152	0.0152	0.0152
-1.000	0.1765	0.1621	0.1573	0.1573	0.0848	0.0848	0.0848	0.0848	0.0848	0.0848

Small Radius L.E.
 Run No. = 35 , Point No. = 686
 $C_N = 0.044$, $C_m = -0.0139$
 $\alpha = 1.1^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.8 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2103	*****
0.20	0.1663	0.1765
0.30	0.1553	*****
0.40	0.1503	0.1621
0.50	0.1403	*****
0.60	0.1543	0.1573
0.70	0.0927	*****
0.80	0.0664	0.0848
0.90	0.0237	*****
0.95	-0.0078	-0.0071

Surface Pressures

● upper, starboard
 ○ lower, port

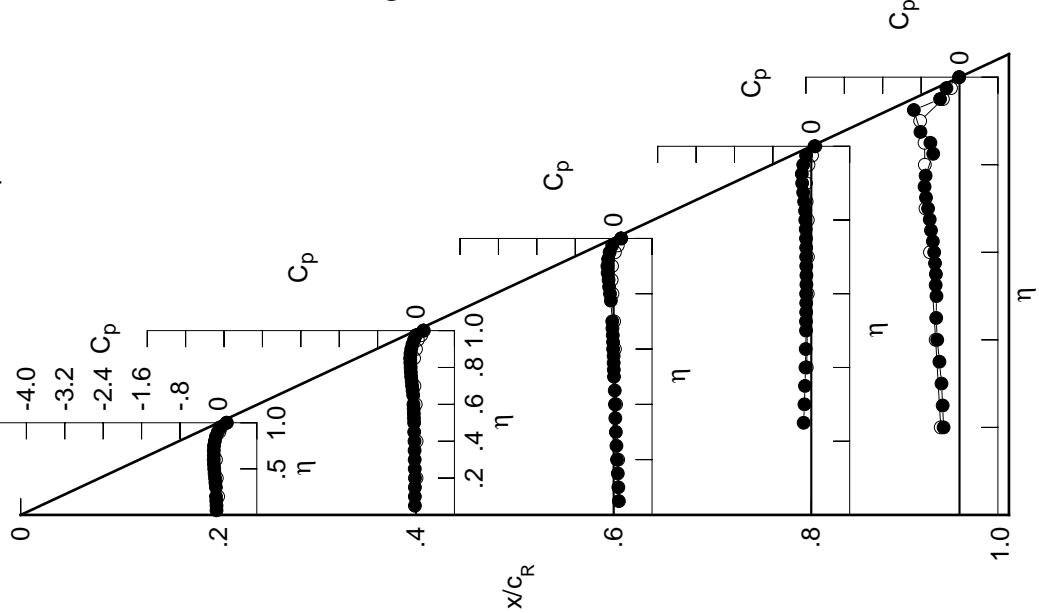


Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0588	-0.0403	0.0963	0.0963	0.0963	0.0963	0.0963	0.0963	0.0963	0.0963
0.100	-0.0588	-0.0419	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873
0.150	-0.0642	-0.0421	0.0729	0.0729	0.0729	0.0729	0.0729	0.0729	0.0729	0.0729
0.200	-0.0678	-0.0398	0.0588	0.0588	0.0588	0.0588	0.0588	0.0588	0.0588	0.0588
0.250	*****	-0.0445	0.0462	0.0462	0.0462	0.0462	0.0462	0.0462	0.0462	-0.3188
0.300	-0.0722	-0.0461	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332	-0.3311
0.350	-0.0843	-0.0483	0.0218	0.0218	0.0218	0.0218	0.0218	0.0218	0.0218	-0.3483
0.400	-0.0932	-0.0509	0.0137	0.0137	0.0137	0.0137	0.0137	0.0137	0.0137	-0.3895
0.450	-0.1046	-0.0573	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102	-0.4481
0.500	-0.1140	-0.0597	0.0083	0.0083	0.0083	0.0083	0.0083	0.0083	0.0083	-0.4530
0.525	*****	-0.0637	-0.0115	-0.0115	-0.0115	-0.0115	-0.0115	-0.0115	-0.0115	-0.4643
0.550	-0.1225	-0.0678	-0.0154	-0.0154	-0.0154	-0.0154	-0.0154	-0.0154	-0.0154	-0.4600
0.575	*****	-0.0694	-0.0184	-0.0184	-0.0184	-0.0184	-0.0184	-0.0184	-0.0184	-0.4657
0.600	-0.1402	-0.0748	-0.0287	-0.0287	-0.0287	-0.0287	-0.0287	-0.0287	-0.0287	-0.4674
0.625	*****	*****	-0.0306	-0.0306	-0.0306	-0.0306	-0.0306	-0.0306	-0.0306	-0.5064
0.650	-0.1438	-0.0786	-0.0381	-0.0381	-0.0381	-0.0381	-0.0381	-0.0381	-0.0381	-0.5557
0.675	*****	-0.0912	-0.0461	-0.0461	-0.0461	-0.0461	-0.0461	-0.0461	-0.0461	-0.5858
0.700	-0.1420	-0.1094	-0.0494	-0.0494	-0.0494	-0.0494	-0.0494	-0.0494	-0.0494	-0.6312
0.725	*****	-0.1219	*****	*****	*****	*****	*****	*****	*****	-0.6928
0.750	-0.1334	-0.1464	*****	*****	*****	*****	*****	*****	*****	-0.7583
0.775	*****	-0.1594	-0.0855	-0.0855	-0.0855	-0.0855	-0.0855	-0.0855	-0.0855	-0.7699
0.800	-0.1178	-0.1706	-0.1073	-0.1073	-0.1073	-0.1073	-0.1073	-0.1073	-0.1073	-0.8250
0.825	*****	-0.1762	-0.1400	-0.1400	-0.1400	-0.1400	-0.1400	-0.1400	-0.1400	-0.6877
0.850	-0.0976	-0.1767	-0.1643	-0.1643	-0.1643	-0.1643	-0.1643	-0.1643	-0.1643	-0.5781
0.875	*****	-0.1727	-0.1813	-0.1813	-0.1813	-0.1813	-0.1813	-0.1813	-0.1813	-0.5204
0.900	-0.0639	-0.1604	-0.1906	-0.1906	-0.1906	-0.1906	-0.1906	-0.1906	-0.1906	*****
0.925	*****	-0.1403	-0.1834	-0.1834	-0.1834	-0.1834	-0.1834	-0.1834	-0.1834	-0.5318
0.950	-0.0275	-0.1116	-0.1605	-0.1605	-0.1605	-0.1605	-0.1605	-0.1605	-0.1605	-0.4420
0.975	*****	-0.0811	-0.1170	-0.1170	-0.1170	-0.1170	-0.1170	-0.1170	-0.1170	-0.3325
1.000	0.0830	0.0137	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	-0.1429
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0175	0.0285	0.1107	0.1107	0.1107	0.1107	0.1107	0.1107	0.1107	-0.4089
-0.600	-0.0083	0.0310	0.0682	0.0682	0.0682	0.0682	0.0682	0.0682	0.0682	-0.5443
-0.700	-0.0200	0.0180	0.0459	0.0459	0.0459	0.0459	0.0459	0.0459	0.0459	-0.6703
-0.800	*****	-0.0040	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332	0.0332	-0.7305
-0.850	*****	*****	0.0068	0.0068	0.0068	0.0068	0.0068	0.0068	0.0068	-0.7203
-0.900	*****	0.0034	-0.0032	-0.0032	-0.0032	-0.0032	-0.0032	-0.0032	-0.0032	-0.7235
-0.950	0.0590	0.0436	0.0146	0.0146	0.0146	0.0146	0.0146	0.0146	0.0146	-0.7934
-0.975	0.0914	0.0632	0.0751	0.0751	0.0751	0.0751	0.0751	0.0751	0.0751	-0.3124
-1.000	*****	0.1505	0.1259	0.1259	0.1259	0.1259	0.1259	0.1259	0.1259	-0.1438
	0.0951	0.0317	-0.0021	-0.0021	-0.0021	-0.0021	-0.0021	-0.0021	-0.0021	-0.1740

Small Radius L.E.

Run No. = 35 , Point No. = 687

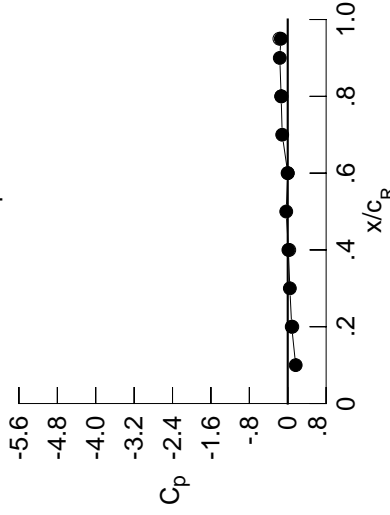
$C_N = 0.088$, $C_m = -0.0220$

$\alpha = 2.1^\circ$, $M_\infty = 0.851$

$R_{mac} = 11.8 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1658	*****
0.20	0.0830	0.0951
0.30	0.0439	*****
0.40	0.0137	0.0317
0.50	-0.0309	*****
0.60	0.0014	-0.0021
0.70	-0.1149	*****
0.80	-0.1374	-0.1306
0.90	-0.1654	*****
0.95	-0.1429	-0.1740

Surface Pressures

● upper, starboard
○ lower, port

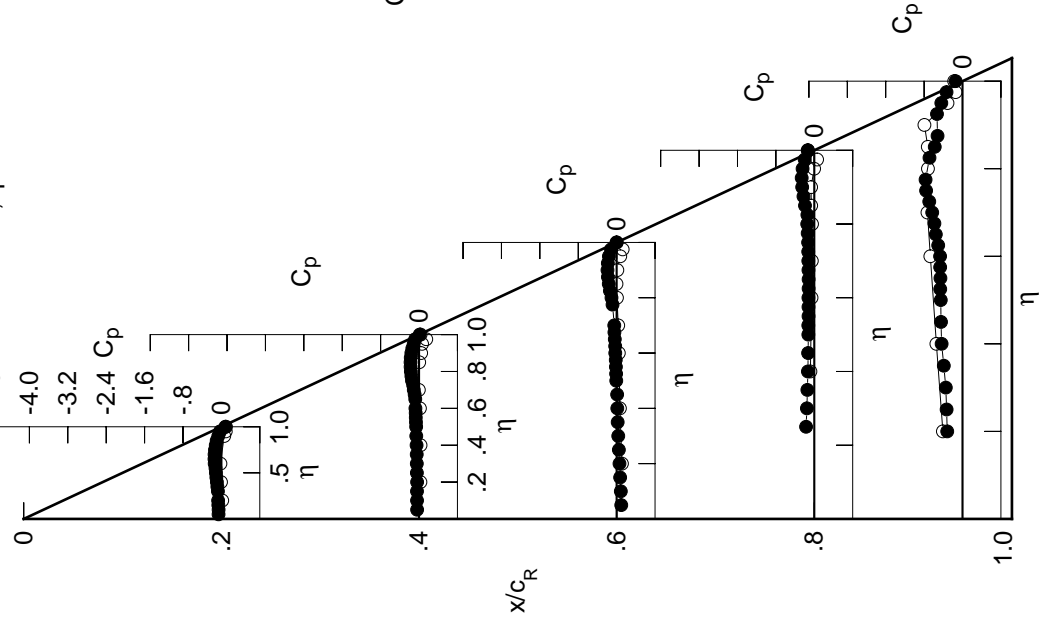
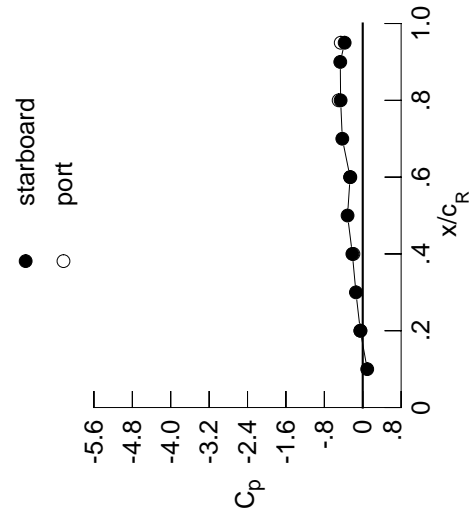


Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0767	-0.0576	0.0839	0.0839	0.0839	0.0839	0.0839	0.0839	0.0839	0.0839
0.100	-0.0773	-0.0597	0.0745	0.0745	0.0745	0.0745	0.0745	0.0745	0.0745	0.0745
0.150	-0.0809	-0.0593	0.0620	0.0620	0.0620	0.0620	0.0620	0.0620	0.0620	0.0620
0.200	-0.0839	-0.0573	0.0451	0.0451	0.0451	0.0451	0.0451	0.0451	0.0451	0.0451
0.250	*****	-0.0615	0.0326	0.0326	0.0326	0.0326	0.0326	0.0326	0.0326	0.0326
0.300	-0.0871	-0.0641	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188
0.350	-0.0966	-0.0662	0.0079	0.0079	0.0079	0.0079	0.0079	0.0079	0.0079	0.0079
0.400	-0.1126	-0.0706	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
0.450	-0.1259	-0.0775	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049
0.500	-0.1503	-0.0800	-0.0255	-0.0255	-0.0255	-0.0255	-0.0255	-0.0255	-0.0255	-0.0255
0.525	*****	-0.0860	-0.0294	-0.0294	-0.0294	-0.0294	-0.0294	-0.0294	-0.0294	-0.0294
0.550	-0.1610	-0.0904	-0.0343	-0.0343	-0.0343	-0.0343	-0.0343	-0.0343	-0.0343	-0.0343
0.575	*****	-0.0916	-0.0370	-0.0370	-0.0370	-0.0370	-0.0370	-0.0370	-0.0370	-0.0370
0.600	-0.1723	-0.0987	-0.0486	-0.0486	-0.0486	-0.0486	-0.0486	-0.0486	-0.0486	-0.0486
0.625	*****	*****	-0.0527	-0.0527	-0.0527	-0.0527	-0.0527	-0.0527	-0.0527	-0.0527
0.650	-0.1788	-0.1014	-0.0598	-0.0598	-0.0598	-0.0598	-0.0598	-0.0598	-0.0598	-0.0598
0.675	*****	-0.1109	-0.0677	-0.0677	-0.0677	-0.0677	-0.0677	-0.0677	-0.0677	-0.0677
0.700	-0.1799	-0.1528	-0.0729	-0.0729	-0.0729	-0.0729	-0.0729	-0.0729	-0.0729	-0.0729
0.725	*****	-0.1879	*****	-0.1524	-0.1524	-0.1524	-0.1524	-0.1524	-0.1524	-0.1524
0.750	-0.1762	-0.1943	*****	-0.1570	-0.1570	-0.1570	-0.1570	-0.1570	-0.1570	-0.1570
0.775	*****	-0.2046	-0.1226	-0.1226	-0.1226	-0.1226	-0.1226	-0.1226	-0.1226	-0.1226
0.800	-0.1637	-0.2173	-0.1480	-0.1480	-0.1480	-0.1480	-0.1480	-0.1480	-0.1480	-0.1480
0.825	*****	-0.2280	-0.1740	-0.1740	-0.1740	-0.1740	-0.1740	-0.1740	-0.1740	-0.1740
0.850	-0.1473	-0.2336	-0.2180	-0.2279	-0.2279	-0.2279	-0.2279	-0.2279	-0.2279	-0.2279
0.875	*****	-0.2347	-0.2388	-0.2623	-0.2623	-0.2623	-0.2623	-0.2623	-0.2623	-0.2623
0.900	-0.1183	-0.2277	-0.2557	-0.3013	*****	*****	*****	*****	*****	*****
0.925	*****	-0.2135	-0.2575	-0.3221	-0.3221	-0.3221	-0.3221	-0.3221	-0.3221	-0.3221
0.950	-0.0898	-0.1913	-0.2470	-0.3251	-0.3251	-0.3251	-0.3251	-0.3251	-0.3251	-0.3251
0.975	*****	-0.1736	-0.2212	-0.3007	-0.3007	-0.3007	-0.3007	-0.3007	-0.3007	-0.3007
1.000	-0.0505	-0.2162	-0.2633	-0.4605	-0.4605	-0.4605	-0.4605	-0.4605	-0.4605	-0.4605
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0379	0.0476	0.1234	0.1234	0.1234	0.1234	0.1234	0.1234	0.1234	0.1234
-0.600	0.0133	0.0505	0.0830	0.0830	0.0830	0.0830	0.0830	0.0830	0.0830	0.0830
-0.700	0.0091	0.0412	0.0640	0.0640	0.0640	0.0640	0.0640	0.0640	0.0640	0.0640
-0.800	*****	0.0242	0.0547	-0.0348	-0.0348	-0.0348	-0.0348	-0.0348	-0.0348	-0.0348
-0.850	*****	0.0428	0.0314	-0.0353	-0.0353	-0.0353	-0.0353	-0.0353	-0.0353	-0.0353
-0.900	0.0971	0.0835	0.0550	0.0550	0.0550	0.0550	0.0550	0.0550	0.0550	0.0550
-0.950	0.1238	0.0827	0.1196	0.1196	0.1196	0.1196	0.1196	0.1196	0.1196	0.1196
-0.975	*****	0.1790	0.1587	0.1041	0.1041	0.1041	0.1041	0.1041	0.1041	0.1041
-1.000	-0.0463	-0.1943	-0.2582	-0.5020	-0.5020	-0.5020	-0.5020	-0.5020	-0.5020	-0.5020

Small Radius L.E.
 Run No. = 35 , Point No. = 688
 $C_N = 0.128$, $C_m = -0.0278$
 $\alpha = 3.2^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.8 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.0937	*****
0.20	-0.0505	-0.0463
0.30	-0.1420	*****
0.40	-0.2162	-0.1943
0.50	-0.3163	*****
0.60	-0.2633	-0.2582
0.70	-0.4254	*****
0.80	-0.4605	-0.5020
0.90	-0.4678	*****
0.95	-0.3772	-0.4581

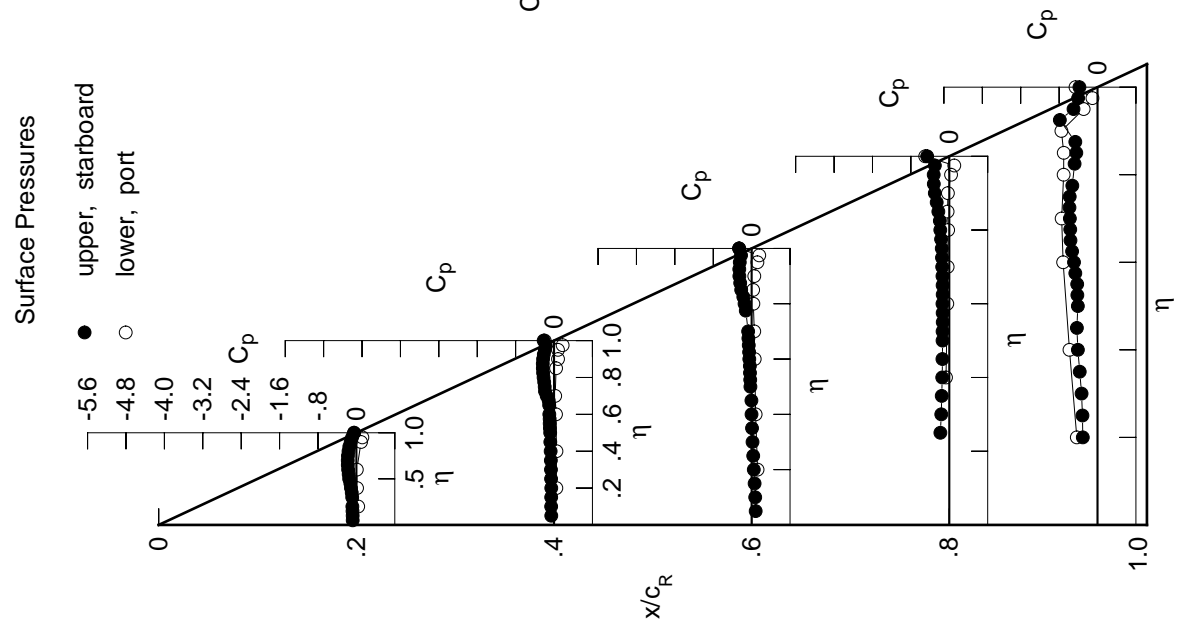


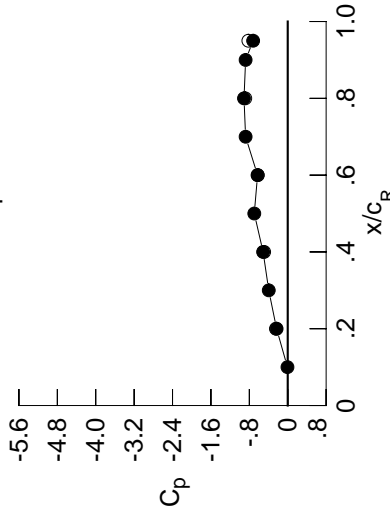
Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0949	-0.0747	0.0716	0.0716	0.0716	0.0716	0.0716	0.0716	0.0716	0.0716
0.100	-0.0958	-0.0771	0.0630	0.0630	0.0630	0.0630	0.0630	0.0630	0.0630	0.0630
0.150	-0.0993	-0.0769	0.0495	0.0495	0.0495	0.0495	0.0495	0.0495	0.0495	0.0495
0.200	-0.1029	-0.0751	0.0327	0.0327	0.0327	0.0327	0.0327	0.0327	0.0327	0.0327
0.250	*****	-0.0798	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
0.300	-0.1028	-0.0831	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056
0.350	-0.1320	-0.0862	-0.0063	-0.0063	-0.0063	-0.0063	-0.0063	-0.0063	-0.0063	-0.0063
0.400	-0.1647	-0.0904	-0.0167	-0.0167	-0.0167	-0.0167	-0.0167	-0.0167	-0.0167	-0.0167
0.450	-0.1777	-0.0984	-0.0221	-0.0221	-0.0221	-0.0221	-0.0221	-0.0221	-0.0221	-0.0221
0.500	-0.1850	-0.1034	-0.0443	-0.0443	-0.0443	-0.0443	-0.0443	-0.0443	-0.0443	-0.0443
0.525	*****	-0.1108	-0.0489	-0.0489	-0.0489	-0.0489	-0.0489	-0.0489	-0.0489	-0.0489
0.550	-0.1924	-0.1163	-0.0552	-0.0552	-0.0552	-0.0552	-0.0552	-0.0552	-0.0552	-0.0552
0.575	*****	-0.1195	-0.0591	-0.0591	-0.0591	-0.0591	-0.0591	-0.0591	-0.0591	-0.0591
0.600	-0.2053	-0.1281	-0.0725	-0.0725	-0.0725	-0.0725	-0.0725	-0.0725	-0.0725	-0.0725
0.625	*****	*****	-0.0753	-0.0753	-0.0753	-0.0753	-0.0753	-0.0753	-0.0753	-0.0753
0.650	-0.2145	-0.1422	-0.0871	-0.0871	-0.0871	-0.0871	-0.0871	-0.0871	-0.0871	-0.0871
0.675	*****	-0.1619	-0.0974	-0.0974	-0.0974	-0.0974	-0.0974	-0.0974	-0.0974	-0.0974
0.700	-0.2192	-0.1805	-0.1044	-0.1044	-0.1044	-0.1044	-0.1044	-0.1044	-0.1044	-0.1044
0.725	*****	-0.1953	*****	-0.1763	-0.1763	-0.1763	-0.1763	-0.1763	-0.1763	-0.1763
0.750	-0.2185	-0.2174	*****	-0.1841	-0.1841	-0.1841	-0.1841	-0.1841	-0.1841	-0.1841
0.775	*****	-0.2369	-0.1581	-0.1581	-0.1581	-0.1581	-0.1581	-0.1581	-0.1581	-0.1581
0.800	-0.2112	-0.2574	-0.1857	-0.1857	-0.1857	-0.1857	-0.1857	-0.1857	-0.1857	-0.1857
0.825	*****	-0.2722	-0.2194	-0.2194	-0.2194	-0.2194	-0.2194	-0.2194	-0.2194	-0.2194
0.850	-0.1986	-0.2835	-0.2533	-0.2533	-0.2533	-0.2533	-0.2533	-0.2533	-0.2533	-0.2533
0.875	*****	-0.2895	-0.2875	-0.3095	-0.3095	-0.3095	-0.3095	-0.3095	-0.3095	-0.3095
0.900	-0.1758	-0.2873	-0.3161	-0.3609	-0.3609	-0.3609	-0.3609	-0.3609	-0.3609	-0.3609
0.925	*****	-0.2774	-0.3290	-0.3967	-0.3967	-0.3967	-0.3967	-0.3967	-0.3967	-0.3967
0.950	-0.1587	-0.2683	-0.3334	-0.4116	-0.4116	-0.4116	-0.4116	-0.4116	-0.4116	-0.4116
0.975	*****	-0.2622	-0.3215	-0.4118	-0.4964	-0.4964	-0.4964	-0.4964	-0.4964	-0.4964
1.000	-0.2322	-0.5131	-0.6285	-0.9109	-0.9109	-0.9109	-0.9109	-0.9109	-0.9109	-0.9109
-0.200	$C_{p,l}$	0.0665	0.1397	*****	0.1397	*****	0.1397	*****	0.1397	*****
-0.400	0.0404	0.0720	0.0999	-0.0539	-0.0539	-0.0539	-0.0539	-0.0539	-0.0539	-0.0539
-0.600	0.0392	0.0649	0.0838	-0.0259	-0.0259	-0.0259	-0.0259	-0.0259	-0.0259	-0.0259
-0.700	*****	0.0534	0.0766	-0.0149	-0.0149	-0.0149	-0.0149	-0.0149	-0.0149	-0.0149
-0.800	*****	*****	0.0639	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
-0.850	*****	0.0798	0.0649	-0.0069	-0.0069	-0.0069	-0.0069	-0.0069	-0.0069	-0.0069
-0.900	0.1278	0.1190	0.0927	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069
-0.950	0.1553	0.1024	0.1503	0.0734	0.0734	0.0734	0.0734	0.0734	0.0734	0.0734
-0.975	*****	0.1967	0.1880	0.1306	0.1306	0.1306	0.1306	0.1306	0.1306	0.1306
-1.000	-0.2455	-0.4910	-0.6230	-0.8848	-0.8848	-0.8848	-0.8848	-0.8848	-0.8848	-0.8848

Small Radius L.E.
 Run No. = 35 , Point No. = 689
 $C_N = 0.170$, $C_m = -0.0343$
 $\alpha = 4.2^\circ$, $M_\infty = 0.850$
 $R_{mac} = 11.8 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.0058	*****
0.20	-0.2322	-0.2455
0.30	-0.3954	*****
0.40	-0.5131	-0.4910
0.50	-0.6968	*****
0.60	-0.6285	-0.6230
0.70	-0.8778	*****
0.80	-0.9109	-0.8848
0.90	-0.8774	*****
0.95	-0.7206	-0.8201

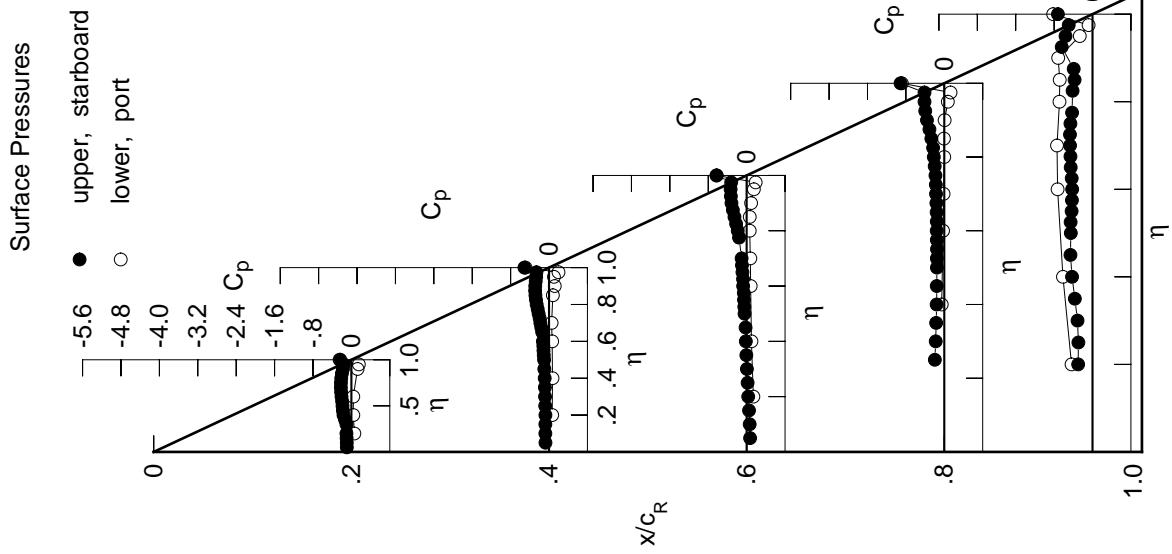


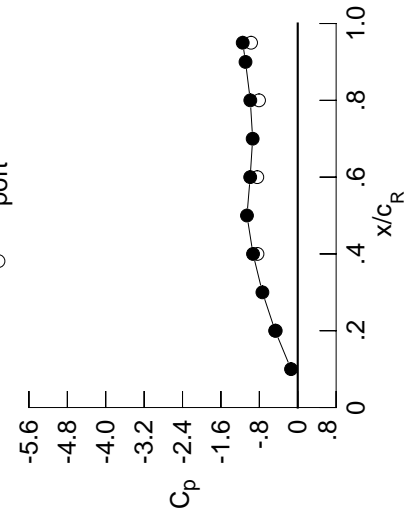
Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1166	-0.0943	0.0567	*****	*****	*****	*****	*****	*****	
0.100	-0.1202	-0.0978	0.0466	*****	*****	*****	*****	*****	*****	
0.150	-0.1252	-0.0980	0.0333	*****	*****	*****	*****	*****	*****	
0.200	-0.1324	-0.0967	0.0166	*****	*****	*****	*****	*****	-0.3148	
0.250	*****	-0.1026	0.0033	-0.2139	-0.3087	*****	*****	*****	*****	
0.300	-0.1361	-0.1059	-0.0117	-0.1943	-0.3133	*****	*****	*****	*****	
0.350	-0.1500	-0.1108	-0.0240	-0.1863	-0.3333	*****	*****	*****	*****	
0.400	-0.1652	-0.1155	-0.0358	-0.1767	-0.3760	*****	*****	*****	*****	
0.450	-0.1808	-0.1259	-0.0424	-0.1740	-0.4235	*****	*****	*****	*****	
0.500	-0.1977	-0.1335	-0.0633	-0.1714	-0.4702	*****	*****	*****	*****	
0.525	*****	-0.1410	-0.0698	-0.1738	-0.5007	*****	*****	*****	*****	
0.550	-0.2127	-0.1470	-0.0761	-0.1699	-0.5125	*****	*****	*****	*****	
0.575	-0.1523	-0.0826	-0.1739	-0.5517	*****	*****	*****	*****	*****	
0.600	-0.2295	-0.1615	-0.0963	-0.1800	-0.5755	*****	*****	*****	*****	
0.625	*****	*****	-0.1024	-0.1781	-0.5581	*****	*****	*****	*****	
0.650	-0.2429	-0.1768	-0.1156	-0.1828	-0.5383	*****	*****	*****	*****	
0.675	*****	-0.1972	-0.1272	-0.1929	-0.5049	*****	*****	*****	*****	
0.700	-0.2500	-0.2170	-0.1379	-0.2062	-0.4806	*****	*****	*****	*****	
0.725	*****	-0.2358	*****	-0.2139	-0.4688	*****	*****	*****	*****	
0.750	-0.2550	-0.2589	*****	-0.2239	-0.4603	*****	*****	*****	*****	
0.775	*****	-0.2834	-0.1975	-0.2398	-0.4522	*****	*****	*****	*****	
0.800	-0.2505	-0.3088	-0.2273	-0.2579	*****	*****	*****	*****	*****	
0.825	*****	-0.3282	-0.2645	-0.2741	-0.4212	*****	*****	*****	*****	
0.850	-0.2430	-0.3447	-0.3045	-0.3113	-0.3949	*****	*****	*****	*****	
0.875	*****	-0.3589	-0.3464	-0.3527	-0.3871	*****	*****	*****	*****	
0.900	-0.2244	-0.3665	-0.3859	-0.4118	*****	*****	*****	*****	*****	
0.925	*****	-0.3652	-0.4119	-0.4593	-0.5929	*****	*****	*****	*****	
0.950	-0.2241	-0.3689	-0.4330	-0.4906	-0.6372	*****	*****	*****	*****	
0.975	*****	-0.3872	-0.4529	-0.5502	-0.6020	*****	*****	*****	*****	
1.000	-0.4705	-0.9314	-0.9908	-0.9882	-1.1464	*****	*****	*****	*****	
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.400	0.0822	0.0859	0.1535	*****	-0.4577	*****	*****	*****	*****	
-0.600	0.0642	0.0919	0.1141	-0.0421	-0.6472	*****	*****	*****	*****	
-0.700	0.0668	0.0875	0.0999	-0.0111	-0.7348	*****	*****	*****	*****	
-0.800	*****	0.0794	0.0975	0.0016	-0.7288	*****	*****	*****	*****	
-0.850	*****	*****	0.0896	0.0193	-0.6744	*****	*****	*****	*****	
-0.900	*****	0.1120	0.0936	0.0179	-0.6651	*****	*****	*****	*****	
-0.950	0.1618	0.1495	0.1234	0.0355	-0.6837	*****	*****	*****	*****	
-0.975	0.1797	0.1202	0.1741	0.0993	-0.2512	*****	*****	*****	*****	
-1.000	*****	0.2049	0.1964	0.1439	-0.0731	*****	*****	*****	*****	
	-0.4582	-0.8380	-0.8421	-0.8066	-0.9721	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 35 , Point No. = 690
 $C_N = 0.217$, $C_m = -0.0435$
 $\alpha = 5.3^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.8 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.1394	*****
0.20	-0.4705	-0.4582
0.30	-0.7358	*****
0.40	-0.9314	-0.8380
0.50	-1.0577	*****
0.60	-0.9908	-0.8421
0.70	-0.9391	*****
0.80	-0.9882	-0.8066
0.90	-1.0876	*****
0.95	-1.1464	-0.9721

Surface Pressures

● upper, starboard
 ○ lower, port

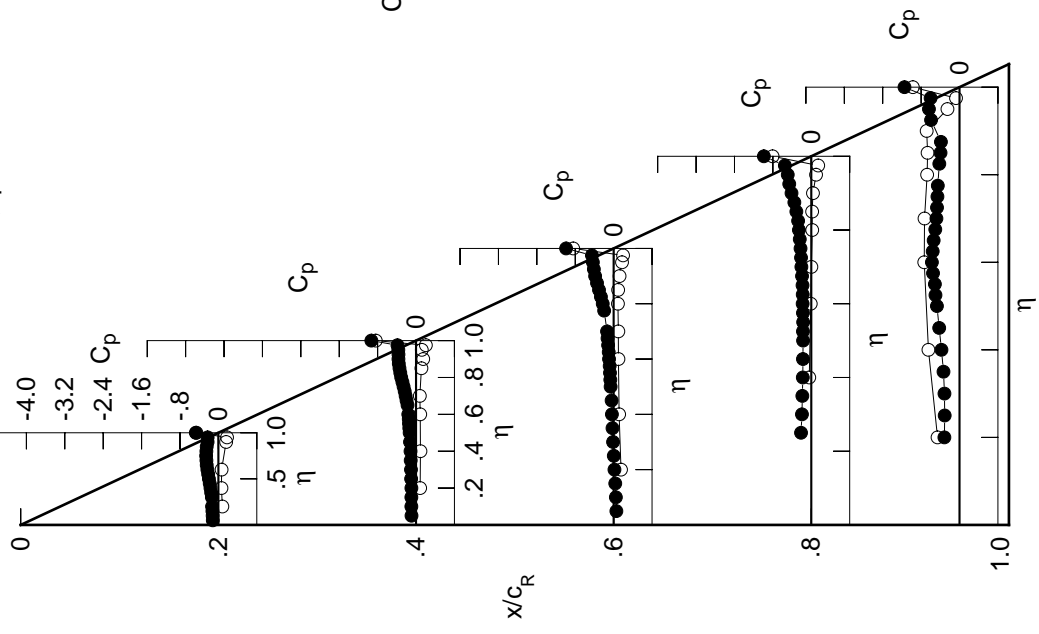
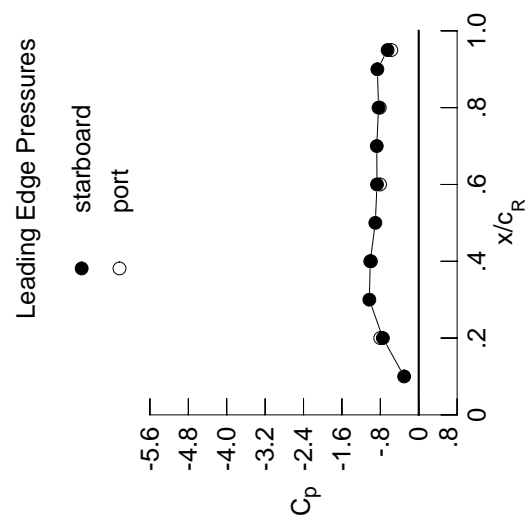


Table C2. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1314	-0.1095	0.0482	*****	*****
0.100	-0.1338	-0.1111	0.0388	*****	*****
0.150	-0.1423	-0.1137	0.0248	*****	*****
0.200	-0.1478	-0.1110	0.0083	*****	-0.3057
0.250	*****	-0.1183	-0.0052	-0.2225	-0.2942
0.300	-0.1524	-0.1226	-0.0207	-0.2057	-0.2885
0.350	-0.1682	-0.1268	-0.0348	-0.1959	-0.3189
0.400	-0.1849	-0.1338	-0.0472	-0.1862	-0.3933
0.450	-0.2018	-0.1453	-0.0545	-0.1843	-0.4818
0.500	-0.2205	-0.1544	-0.0773	-0.1851	-0.4778
0.525	*****	-0.1637	-0.0858	-0.1912	-0.4608
0.550	-0.2384	-0.1710	-0.0969	-0.1932	-0.4296
0.575	*****	-0.1779	-0.1048	-0.1990	-0.4192
0.600	-0.2584	-0.1889	-0.1238	-0.2046	-0.4141
0.625	*****	*****	-0.1286	-0.2042	-0.4107
0.650	-0.2759	-0.2104	-0.1455	-0.2069	-0.4112
0.675	*****	-0.2303	-0.1577	-0.2141	-0.4162
0.700	-0.2882	-0.2531	-0.1658	-0.2284	-0.4540
0.725	*****	-0.2714	*****	-0.2474	-0.5263
0.750	-0.2992	-0.2984	*****	-0.2501	-0.6447
0.775	*****	-0.3270	-0.2190	-0.2589	-0.7485
0.800	-0.2998	-0.3547	-0.2547	-0.2684	*****
0.825	*****	-0.3799	-0.2924	-0.2869	-0.7673
0.850	-0.2977	-0.4039	-0.3285	-0.3276	-0.7566
0.875	*****	-0.4244	-0.3686	-0.3740	-0.8052
0.900	-0.2884	-0.4383	-0.4011	-0.4622	*****
0.925	*****	-0.4444	-0.4842	-0.6079	-0.9049
0.950	-0.3040	-0.4567	-0.6898	-0.7636	-0.6160
0.975	*****	-0.5716	-0.8042	-0.8272	-0.5708
1.000	-0.7472	-1.0098	-0.8696	-0.8376	-0.6485
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1088	0.1112	0.1725	*****	-0.4764
-0.400	0.0935	0.1173	0.1348	-0.0219	-0.6651
-0.600	0.1002	0.1156	0.1242	0.0102	-0.7236
-0.700	*****	0.1116	0.1224	0.0234	-0.7087
-0.800	*****	*****	0.1189	0.0445	-0.6492
-0.850	*****	0.1484	0.1263	0.0471	-0.6379
-0.900	0.1906	0.1830	0.1558	0.0686	-0.6421
-0.950	0.2131	0.1332	0.1969	0.1276	-0.2241
-0.975	*****	0.2113	0.2036	0.1571	-0.0495
-1.000	-0.8024	-0.9958	-0.8066	-0.8110	-0.5713

Small Radius L.E.
 Run No. = 35, Point No. = 691
 $C_N = 0.268$, $C_m = -0.0544$
 $\alpha = 6.3^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.8 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.3040	*****
0.20	-0.7472	-0.8024
0.30	-1.0289	*****
0.40	-1.0098	-0.9958
0.50	-0.9044	*****
0.60	-0.8696	-0.8066
0.70	-0.8743	*****
0.80	-0.8376	-0.8110
0.90	-0.8614	*****
0.95	-0.6485	-0.5713

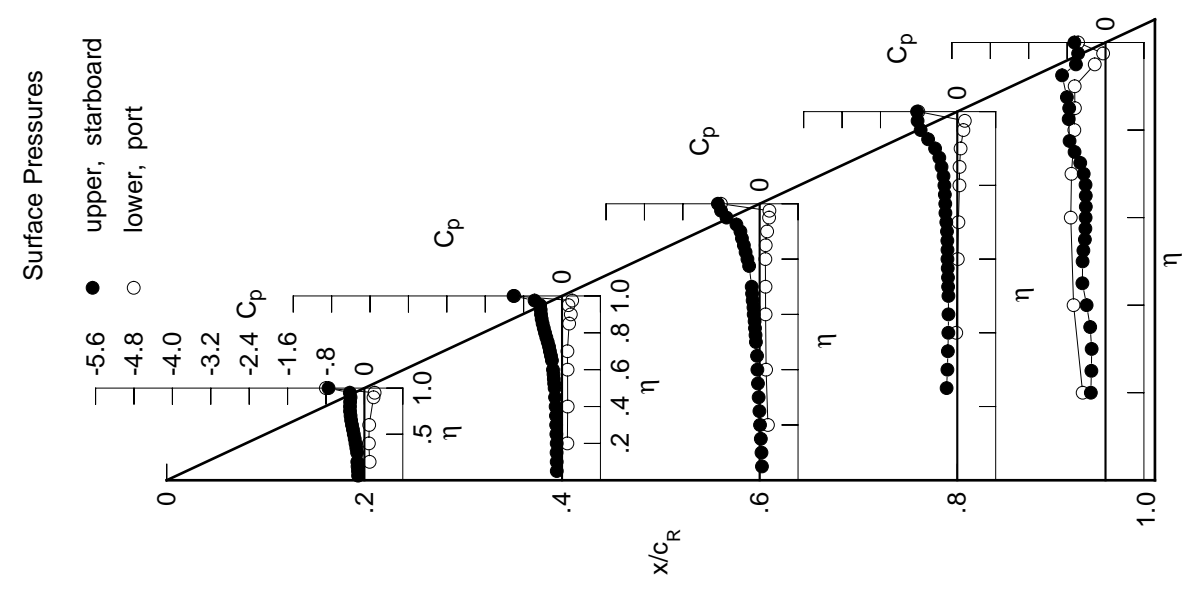
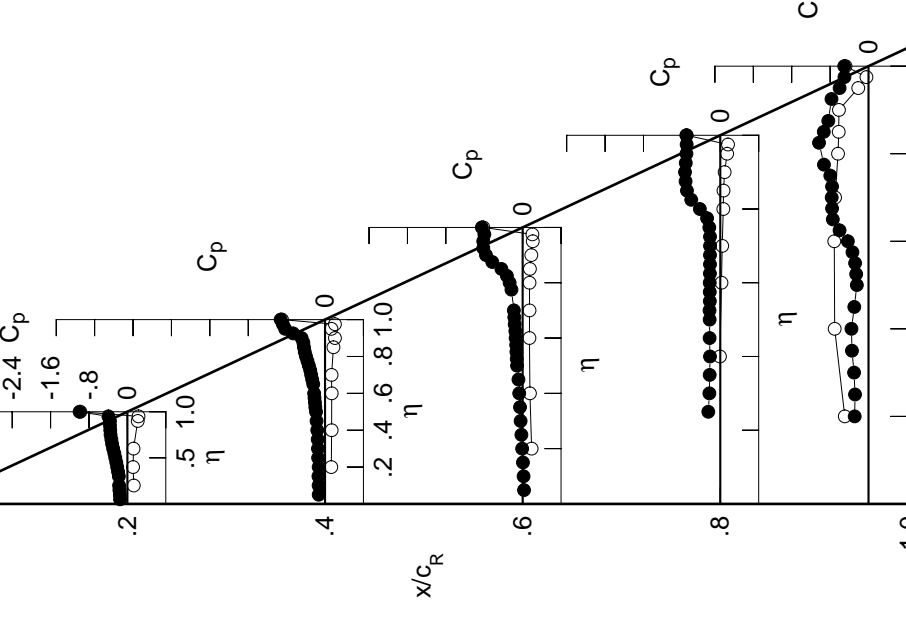
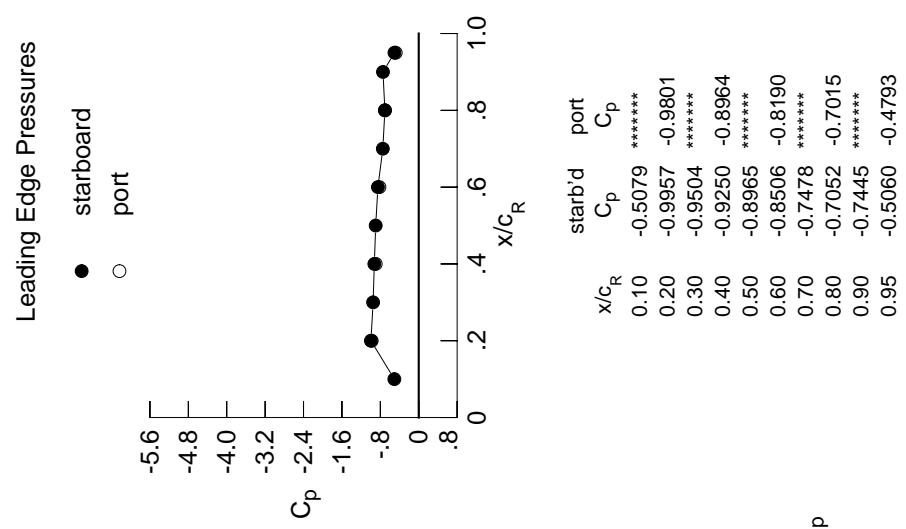


Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1527	-0.1320	0.0289	*****	*****	*****	*****	*****	*****	
0.100	-0.1579	-0.1340	0.0190	*****	*****	*****	*****	*****	*****	
0.150	-0.1669	-0.1374	0.0063	*****	*****	*****	*****	*****	*****	
0.200	-0.1728	-0.1330	-0.0103	*****	*****	*****	*****	*****	-0.2883	
0.250	*****	-0.1438	-0.0257	-0.2495	-0.2811	*****	*****	*****	*****	
0.300	-0.1784	-0.1471	-0.0424	-0.2273	-0.3011	*****	*****	*****	*****	
0.350	-0.1940	-0.1526	-0.0545	-0.2207	-0.3447	*****	*****	*****	*****	
0.400	-0.2118	-0.1616	-0.0710	-0.2146	-0.3551	*****	*****	*****	*****	
0.450	-0.2306	-0.1770	-0.0875	-0.2221	-0.2958	*****	*****	*****	*****	
0.500	-0.2519	-0.1882	-0.1163	-0.2214	-0.2429	*****	*****	*****	*****	
0.525	*****	-0.2026	-0.1230	-0.2240	-0.2566	*****	*****	*****	*****	
0.550	-0.2724	-0.2108	-0.1308	-0.2179	-0.2793	*****	*****	*****	*****	
0.575	*****	-0.2190	-0.1345	-0.2194	-0.3343	*****	*****	*****	*****	
0.600	-0.2968	-0.2274	-0.1461	-0.2198	-0.4300	*****	*****	*****	*****	
0.625	*****	*****	-0.1519	-0.2159	-0.6032	*****	*****	*****	*****	
0.650	-0.3175	-0.2455	-0.1654	-0.2147	-0.7442	*****	*****	*****	*****	
0.675	*****	-0.2673	-0.1739	-0.2146	-0.7593	*****	*****	*****	*****	
0.700	-0.3335	-0.2884	-0.1831	-0.2135	-0.7675	*****	*****	*****	*****	
0.725	*****	-0.3082	*****	-0.2142	-0.7595	*****	*****	*****	*****	
0.750	-0.3501	-0.3368	*****	-0.2288	-0.7962	*****	*****	*****	*****	
0.775	*****	-0.3659	-0.2328	-0.2754	-0.9279	*****	*****	*****	*****	
0.800	-0.3571	-0.3972	-0.2713	-0.4256	*****	*****	*****	*****	*****	
0.825	*****	-0.4226	-0.3284	-0.6047	-1.0310	*****	*****	*****	*****	
0.850	-0.3627	-0.4390	-0.4421	-0.6947	-0.9321	*****	*****	*****	*****	
0.875	*****	-0.4511	-0.6326	-0.7232	-0.8375	*****	*****	*****	*****	
0.900	-0.3635	-0.4881	-0.7639	-0.7354	*****	*****	*****	*****	*****	
0.925	*****	-0.6641	-0.8193	-0.7195	-0.7709	*****	*****	*****	*****	
0.950	-0.3962	-0.8312	-0.8212	-0.7049	-0.6021	*****	*****	*****	*****	
0.975	*****	-0.8784	-0.7979	-0.7007	-0.5019	*****	*****	*****	*****	
1.000	-0.9957	-0.9250	-0.8506	-0.7052	-0.5060	*****	*****	*****	*****	
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.400	0.1325	0.1300	0.1873	*****	-0.4943	*****	*****	*****	*****	
-0.600	0.1180	0.1374	0.1517	-0.0073	-0.7048	*****	*****	*****	*****	
-0.700	0.1278	0.1390	0.1420	0.0249	-0.7135	*****	*****	*****	*****	
-0.800	*****	0.1363	0.1431	0.0399	-0.6967	*****	*****	*****	*****	
-0.850	*****	*****	0.1430	0.0628	-0.6349	*****	*****	*****	*****	
-0.900	*****	0.1749	0.1511	0.0674	-0.6206	*****	*****	*****	*****	
-0.950	0.2152	0.2064	0.1808	0.0903	-0.6158	*****	*****	*****	*****	
-0.975	0.2314	0.1339	0.2108	0.1426	-0.2137	*****	*****	*****	*****	
-1.000	*****	0.2054	0.2031	0.1606	-0.0431	*****	*****	*****	*****	
	-0.9801	-0.8964	-0.8190	-0.7015	-0.4793	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 35 , Point No. = 692
 $C_N = 0.332$, $C_m = -0.0707$
 $\alpha = 7.3^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.8 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.5079	*****
0.20	-0.9957	-0.9801
0.30	-0.9504	*****
0.40	-0.9250	-0.8964
0.50	-0.8965	*****
0.60	-0.8506	-0.8190
0.70	-0.7478	*****
0.80	-0.7052	-0.7015
0.90	-0.7445	*****
0.95	-0.5060	-0.4793

Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1751	-0.1543	0.0095	0.0095	0.0095	0.0095	0.0095	0.0095	0.0095	0.0095
0.100	-0.1811	-0.1593	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
0.150	-0.1888	-0.1594	-0.0136	-0.0136	-0.0136	-0.0136	-0.0136	-0.0136	-0.0136	-0.0136
0.200	-0.1980	-0.1581	-0.0300	-0.0300	-0.0300	-0.0300	-0.0300	-0.0300	-0.0300	-0.0300
0.250	*****	-0.1667	-0.0454	-0.0454	-0.0454	-0.0454	-0.0454	-0.0454	-0.0454	-0.0454
0.300	-0.2046	-0.1735	-0.0674	-0.0674	-0.0674	-0.0674	-0.0674	-0.0674	-0.0674	-0.0674
0.350	-0.2213	-0.1831	-0.0913	-0.0913	-0.0913	-0.0913	-0.0913	-0.0913	-0.0913	-0.0913
0.400	-0.2399	-0.1997	-0.1050	-0.1050	-0.1050	-0.1050	-0.1050	-0.1050	-0.1050	-0.1050
0.450	-0.2599	-0.2151	-0.1144	-0.1144	-0.1144	-0.1144	-0.1144	-0.1144	-0.1144	-0.1144
0.500	-0.2844	-0.2217	-0.1339	-0.1339	-0.1339	-0.1339	-0.1339	-0.1339	-0.1339	-0.1339
0.525	*****	-0.2311	-0.1407	-0.1407	-0.1407	-0.1407	-0.1407	-0.1407	-0.1407	-0.1407
0.550	-0.3063	-0.2357	-0.1423	-0.1423	-0.1423	-0.1423	-0.1423	-0.1423	-0.1423	-0.1423
0.575	*****	-0.2414	-0.1434	-0.1434	-0.1434	-0.1434	-0.1434	-0.1434	-0.1434	-0.1434
0.600	-0.3331	-0.2480	-0.1546	-0.1546	-0.1546	-0.1546	-0.1546	-0.1546	-0.1546	-0.1546
0.625	*****	*****	-0.1542	-0.1542	-0.1542	-0.1542	-0.1542	-0.1542	-0.1542	-0.1542
0.650	-0.3574	-0.2671	-0.1662	-0.1662	-0.1662	-0.1662	-0.1662	-0.1662	-0.1662	-0.1662
0.675	*****	-0.2902	-0.1709	-0.1709	-0.1709	-0.1709	-0.1709	-0.1709	-0.1709	-0.1709
0.700	-0.3776	-0.3189	-0.1645	-0.1645	-0.1645	-0.1645	-0.1645	-0.1645	-0.1645	-0.1645
0.725	*****	-0.3434	*****	-0.1855	-0.1855	-0.1855	-0.1855	-0.1855	-0.1855	-0.1855
0.750	-0.3975	-0.3645	*****	-0.4195	-0.4195	-0.4195	-0.4195	-0.4195	-0.4195	-0.4195
0.775	*****	-0.3879	-0.3599	-0.7708	-1.1209	-1.1209	-1.1209	-1.1209	-1.1209	-1.1209
0.800	-0.4090	-0.4163	-0.6945	-0.9162	-0.9162	-0.9162	-0.9162	-0.9162	-0.9162	-0.9162
0.825	*****	-0.4596	-0.8275	-0.9275	-0.9275	-0.9275	-0.9275	-0.9275	-0.9275	-0.9275
0.850	-0.4146	-0.5559	-0.8643	-0.8819	-0.8819	-0.8819	-0.8819	-0.8819	-0.8819	-0.8819
0.875	*****	-0.7374	-0.8668	-0.7930	-0.7056	-0.7056	-0.7056	-0.7056	-0.7056	-0.7056
0.900	-0.4215	-0.8817	-0.8428	-0.7178	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9260	-0.8028	-0.6763	-0.7008	-0.7008	-0.7008	-0.7008	-0.7008	-0.7008
0.950	-0.5385	-0.9360	-0.7768	-0.6547	-0.6268	-0.6268	-0.6268	-0.6268	-0.6268	-0.6268
0.975	*****	-0.9206	-0.7607	-0.6513	-0.5918	-0.5918	-0.5918	-0.5918	-0.5918	-0.5918
1.000	-0.9030	-0.9482	-0.8005	-0.6532	-0.5070	-0.5070	-0.5070	-0.5070	-0.5070	-0.5070
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1577	0.1541	0.2046	0.2046	0.2046	0.2046	0.2046	0.2046	0.2046	0.2046
-0.600	0.1456	0.1610	0.1698	0.0076	-0.7193	-0.7193	-0.7193	-0.7193	-0.7193	-0.7193
-0.700	0.1591	0.1643	0.1613	0.0406	-0.7080	-0.7080	-0.7080	-0.7080	-0.7080	-0.7080
-0.800	*****	0.1644	0.1649	0.0541	-0.6882	-0.6882	-0.6882	-0.6882	-0.6882	-0.6882
-0.850	*****	*****	0.1667	0.0818	-0.6253	-0.6253	-0.6253	-0.6253	-0.6253	-0.6253
-0.900	0.2404	0.2292	0.2037	0.1094	-0.5973	-0.5973	-0.5973	-0.5973	-0.5973	-0.5973
-0.950	0.2499	0.1386	0.2232	0.1540	-0.2088	-0.2088	-0.2088	-0.2088	-0.2088	-0.2088
-0.975	*****	0.1988	0.2021	0.1613	-0.0465	-0.0465	-0.0465	-0.0465	-0.0465	-0.0465
-1.000	-0.8824	-0.9176	-0.7741	-0.6482	-0.4931	-0.4931	-0.4931	-0.4931	-0.4931	-0.4931

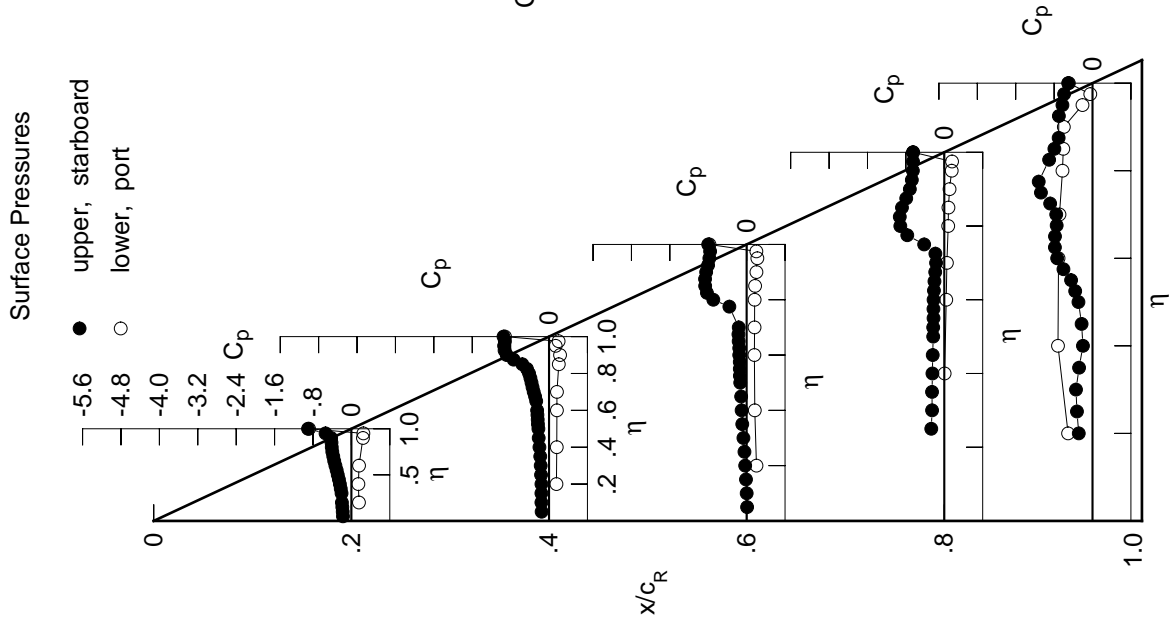
Small Radius L.E.

Run No. = 35 , Point No. = 693

$C_N = 0.388$, $C_m = -0.0797$

$\alpha = 8.4^\circ$, $M_\infty = 0.851$

$R_{mac} = 11.7 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.6571	*****
0.20	-0.9030	-0.8824
0.30	-0.9021	*****
0.40	-0.9482	-0.9176
0.50	-0.8838	*****
0.60	-0.8005	-0.7741
0.70	-0.6797	*****
0.80	-0.6532	-0.6482
0.90	-0.7038	*****
0.95	-0.5070	-0.4931

Table C2. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1941	-0.1790	-0.0084	*****	*****
0.100	-0.2011	-0.1813	-0.0198	*****	*****
0.150	-0.2125	-0.1859	-0.0309	*****	*****
0.200	-0.2206	-0.1816	-0.0495	*****	-0.3566
0.250	*****	-0.1935	-0.0692	-0.2940	-0.3469
0.300	-0.2315	-0.2057	-0.1008	-0.2846	-0.2399
0.350	-0.2483	-0.2205	-0.1175	-0.2739	-0.1754
0.400	-0.2689	-0.2295	-0.1211	-0.2548	-0.2284
0.450	-0.2889	-0.2427	-0.1195	-0.2493	-0.3134
0.500	-0.3133	-0.2440	-0.1421	-0.2421	-0.4675
0.525	*****	-0.2500	-0.1472	-0.2404	-0.6326
0.550	-0.3371	-0.2544	-0.1518	-0.2319	-0.7356
0.575	*****	-0.2609	-0.1499	-0.2260	-0.7742
0.600	-0.3654	-0.2682	-0.1594	-0.2204	-0.7655
0.625	*****	*****	-0.1515	-0.2030	-0.7435
0.650	-0.3936	-0.2763	-0.1459	-0.1922	-0.7343
0.675	*****	-0.2976	-0.1281	-0.2059	-0.7530
0.700	-0.4153	-0.3089	-0.1089	-0.3189	-0.8880
0.725	*****	-0.3292	*****	-0.6016	-1.0439
0.750	-0.4358	-0.3884	*****	-0.8780	-1.1263
0.775	*****	-0.5224	-0.9821	-1.0161	-0.9450
0.800	-0.4398	-0.7109	-1.0303	-1.0172	*****
0.825	*****	-0.8419	-1.0084	-1.0061	-0.6622
0.850	-0.4351	-0.9337	-0.9539	-0.8444	-0.6203
0.875	*****	-0.9844	-0.8904	-0.7574	-0.6313
0.900	-0.6829	-0.9788	-0.8178	-0.7322	*****
0.925	*****	-0.9604	-0.7737	-0.6770	-0.6418
0.950	-0.8835	-0.9477	-0.7477	-0.6665	-0.5883
0.975	*****	-0.9341	-0.7352	-0.6624	-0.5381
1.000	-0.9104	-0.9553	-0.7637	-0.6578	-0.4630
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1879	0.1800	0.2243	*****	-0.5168
-0.400	0.1767	0.1881	0.1907	0.0227	-0.7176
-0.600	0.1915	0.1914	0.1833	0.0577	-0.7021
-0.700	*****	0.1935	0.1873	0.0716	-0.6787
-0.800	*****	*****	0.1913	0.0996	-0.6136
-0.850	*****	0.2308	0.2002	0.1059	-0.5947
-0.900	0.2652	0.2513	0.2261	0.1271	-0.5753
-0.950	0.2679	0.1406	0.2339	0.1645	-0.1967
-0.975	*****	0.1930	0.2002	0.1596	-0.0392
-1.000	-0.8814	-0.9318	-0.7426	-0.6621	-0.4419

Small Radius L.E.
 Run No. = 35 , Point No. = 694
 $C_N = 0.445$, $C_m = -0.0880$
 $\alpha = 9.5^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.7 \times 10^6$

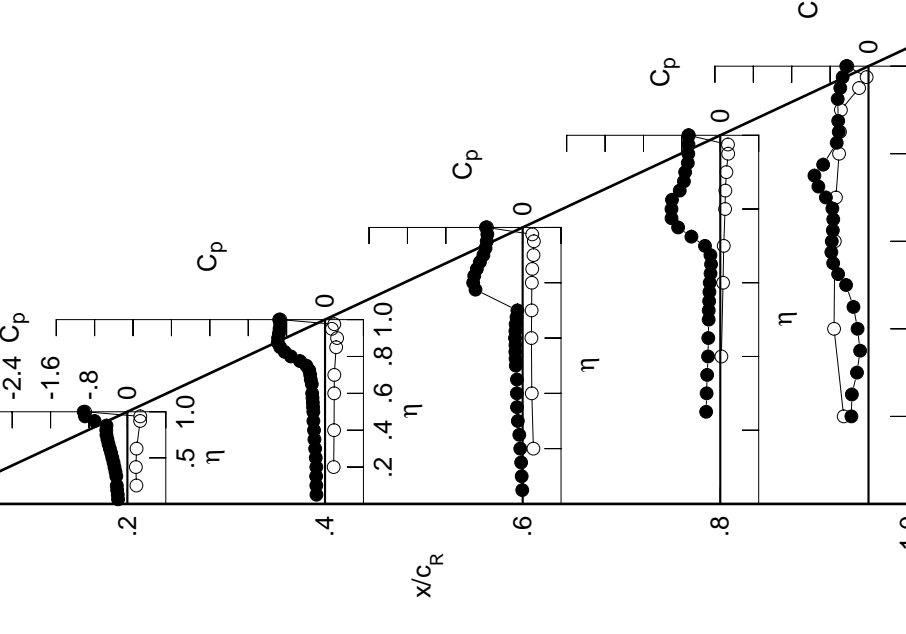
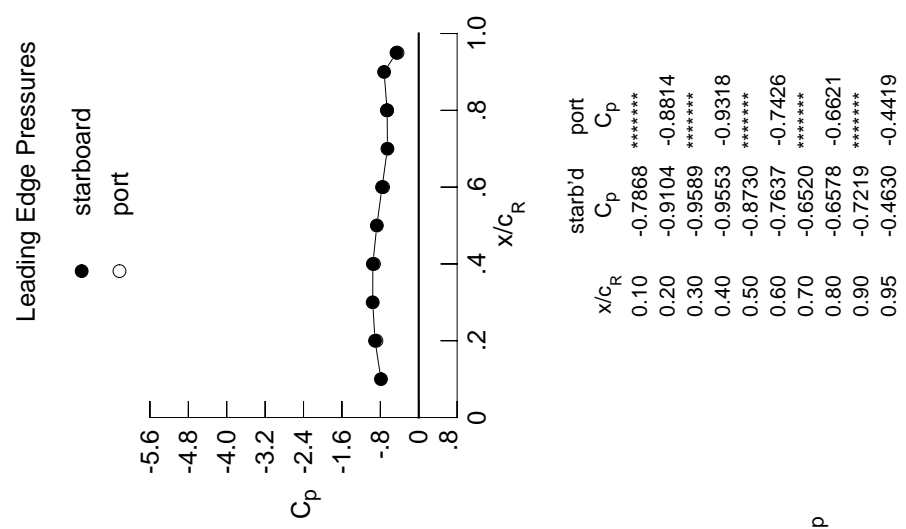


Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2180	-0.2092	-0.0330	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2268	-0.2126	-0.0426	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2394	-0.2130	-0.0572	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2504	-0.2168	-0.0809	*****	*****	*****	*****	*****	*****	-0.4053
0.250	*****	-0.2363	-0.1069	-0.3252	-0.3018	*****	*****	*****	*****	*****
0.300	-0.2627	-0.2482	-0.1262	-0.3071	-0.1661	*****	*****	*****	*****	*****
0.350	-0.2776	-0.2484	-0.1310	-0.2889	-0.2036	*****	*****	*****	*****	*****
0.400	-0.2993	-0.2546	-0.1352	-0.2741	-0.2809	*****	*****	*****	*****	*****
0.450	-0.3207	-0.2634	-0.1398	-0.2674	-0.4269	*****	*****	*****	*****	*****
0.500	-0.3410	-0.2680	-0.1622	-0.2576	-0.6649	*****	*****	*****	*****	*****
0.525	*****	-0.2727	-0.1636	-0.2537	-0.7354	*****	*****	*****	*****	*****
0.550	-0.3626	-0.2750	-0.1620	-0.2406	-0.7335	*****	*****	*****	*****	*****
0.575	*****	-0.2756	-0.1561	-0.2349	-0.7329	*****	*****	*****	*****	*****
0.600	-0.3933	-0.2786	-0.1575	-0.2326	-0.7222	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1417	-0.2332	-0.7405	*****	*****	*****	*****	*****
0.650	-0.4209	-0.2630	-0.1425	-0.2792	-0.8183	*****	*****	*****	*****	*****
0.675	*****	-0.2595	-0.2025	-0.4244	-0.9329	*****	*****	*****	*****	*****
0.700	-0.4346	-0.2826	-0.4528	-0.6805	-1.0814	*****	*****	*****	*****	*****
0.725	*****	-0.5235	*****	-0.9369	-1.1584	*****	*****	*****	*****	*****
0.750	-0.4340	-0.8561	*****	-1.1009	-0.7752	*****	*****	*****	*****	*****
0.775	*****	-1.0074	-1.1499	-1.1376	-0.6475	*****	*****	*****	*****	*****
0.800	-0.4610	-1.0425	-1.1291	-0.9107	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0452	-1.0939	-0.8337	-0.5961	*****	*****	*****	*****	*****
0.850	-0.7429	-1.0442	-1.0008	-0.8313	-0.5746	*****	*****	*****	*****	*****
0.875	*****	-1.0295	-0.8859	-0.7944	-0.5860	*****	*****	*****	*****	*****
0.900	-0.9477	-0.9916	-0.8265	-0.7347	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9729	-0.7809	-0.7110	-0.5767	*****	*****	*****	*****	*****
0.950	-0.9914	-0.9619	-0.7441	-0.7227	-0.5139	*****	*****	*****	*****	*****
0.975	*****	-0.9518	-0.7270	-0.7135	-0.4445	*****	*****	*****	*****	*****
1.000	-0.9554	-0.9652	-0.7469	-0.7056	-0.3908	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2139	0.2007	0.2393	*****	-0.5822	*****	*****	*****	*****	*****
-0.600	0.2034	0.2091	0.2051	0.0344	-0.7111	*****	*****	*****	*****	*****
-0.700	0.2201	0.2131	0.1993	0.0688	-0.6971	*****	*****	*****	*****	*****
-0.800	*****	0.2167	0.2040	0.0841	-0.6704	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2094	0.1126	-0.6026	*****	*****	*****	*****	*****
-0.900	*****	0.2522	0.2176	0.1197	-0.5813	*****	*****	*****	*****	*****
-0.950	0.2847	0.2654	0.2402	0.1397	-0.5542	*****	*****	*****	*****	*****
-0.975	0.2801	0.1412	0.2368	0.1666	-0.1858	*****	*****	*****	*****	*****
-1.000	*****	0.1804	0.1889	0.1483	-0.0353	*****	*****	*****	*****	*****
	-0.9311	-0.9511	-0.7328	-0.7277	-0.3740	*****	*****	*****	*****	*****

Small Radius L.E.

Run No. = 35 , Point No. = 695

$C_N = 0.500$, $C_m = -0.0961$

$\alpha = 10.5^\circ$, $M_\infty = 0.853$

$R_{mac} = 11.7 \times 10^6$

Leading Edge Pressures

● starboard
○ port

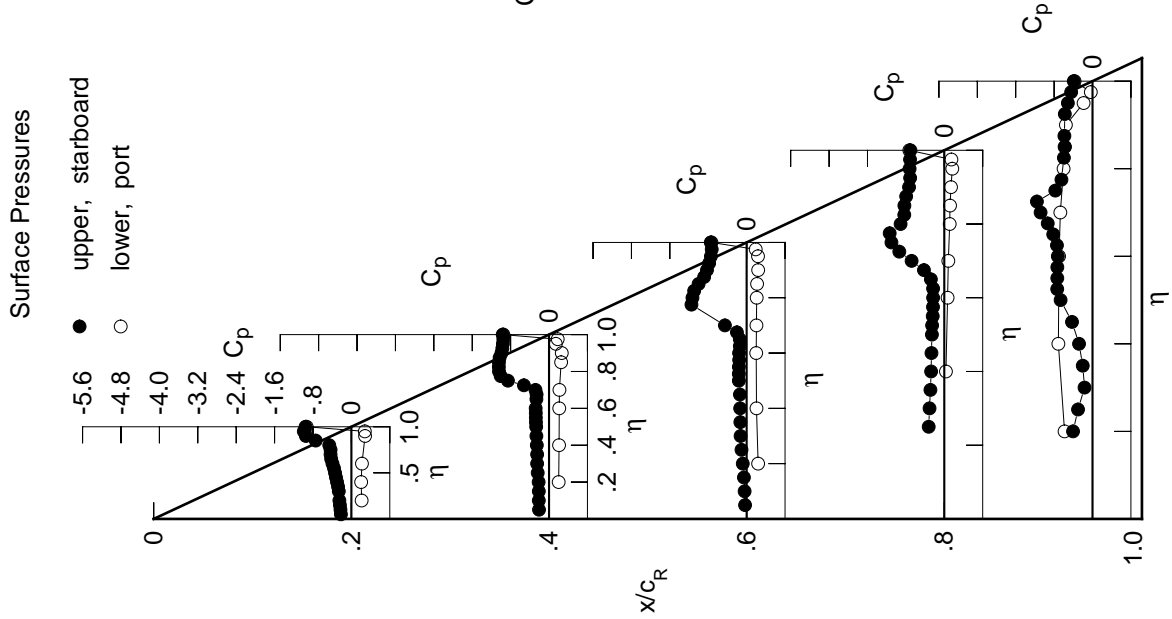
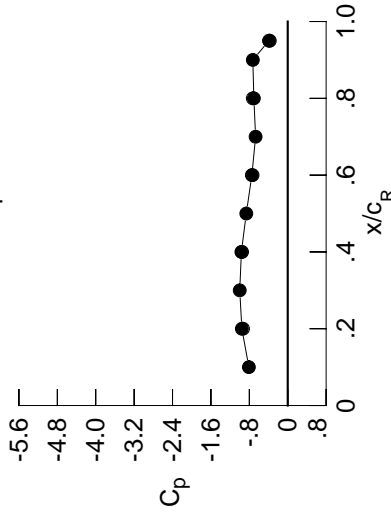
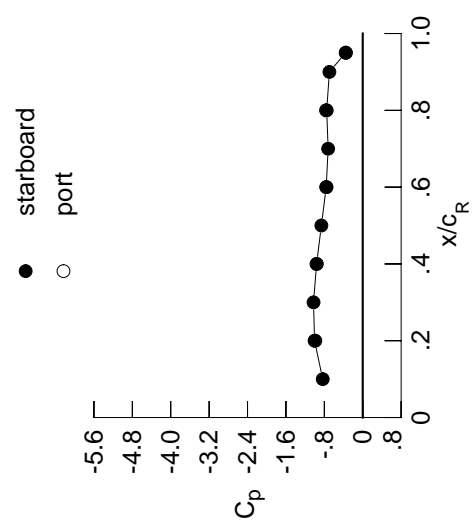


Table C2. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2380	-0.2414	-0.0515	*****	*****
0.100	-0.2464	-0.2432	-0.0624	*****	*****
0.150	-0.2644	-0.2438	-0.0790	*****	*****
0.200	-0.2776	-0.2561	-0.1135	*****	-0.3667
0.250	*****	-0.2739	-0.1217	-0.3515	-0.2332
0.300	-0.2881	-0.2746	-0.1339	-0.3215	-0.2030
0.350	-0.2974	-0.2716	-0.1416	-0.3112	-0.2351
0.400	-0.3223	-0.2749	-0.1520	-0.2964	-0.3448
0.450	-0.3450	-0.2845	-0.1550	-0.2879	-0.5495
0.500	-0.3660	-0.2882	-0.1733	-0.2760	-0.7086
0.525	*****	-0.2922	-0.1714	-0.2714	-0.7299
0.550	-0.3864	-0.2903	-0.1684	-0.2643	-0.7244
0.575	*****	-0.2831	-0.1581	-0.2708	-0.7420
0.600	-0.4140	-0.2722	-0.1728	-0.2991	-0.7775
0.625	*****	*****	-0.1917	-0.3638	-0.8652
0.650	-0.4291	-0.2181	-0.3179	-0.5100	-0.9976
0.675	*****	-0.3270	-0.5948	-0.7390	-1.1195
0.700	-0.4070	-0.7901	-0.9172	-0.9773	-1.1819
0.725	*****	-1.1115	*****	-1.1646	-0.7677
0.750	-0.4765	-1.2099	*****	-1.1583	-0.6535
0.775	*****	-1.2149	-1.2406	-0.8937	-0.5916
0.800	-0.8431	-1.1771	-1.2000	-0.8276	*****
0.825	*****	-1.1383	-1.0622	-0.8181	-0.5650
0.850	-1.0186	-1.0937	-0.9232	-0.8272	-0.5430
0.875	*****	-1.0460	-0.8852	-0.7919	-0.5478
0.900	-1.0227	-0.9996	-0.8626	-0.7637	*****
0.925	*****	-0.9769	-0.7983	-0.7655	-0.5171
0.950	-1.0117	-0.9647	-0.7654	-0.7692	-0.4516
0.975	*****	-0.9534	-0.7509	-0.7602	-0.3972
1.000	-1.0035	-0.9613	-0.7611	-0.7507	-0.3560
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2436	0.2245	0.2594	*****	-0.6207
-0.400	0.2343	0.2359	0.2233	0.0491	-0.7074
-0.600	0.2509	0.2380	0.2196	0.0853	-0.6900
-0.700	*****	0.2432	0.2238	0.1000	-0.6629
-0.800	*****	*****	0.2295	0.1290	-0.5930
-0.850	*****	0.2762	0.2375	0.1370	-0.5690
-0.900	0.3064	0.2834	0.2558	0.1557	-0.5365
-0.950	0.2949	0.1443	0.2398	0.1735	-0.1779
-0.975	*****	0.1705	0.1787	0.1422	-0.0347
-1.000	-0.9870	-0.9581	-0.7545	-0.7651	-0.3500

Small Radius L.E.
 Run No. = 35 , Point No. = 696
 $C_N = 0.551$, $C_m = -0.1010$
 $\alpha = 11.5^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.7 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.8337	*****
0.20	-1.0035	-0.9870
0.30	-1.0252	*****
0.40	-0.9613	-0.9581
0.50	-0.8615	*****
0.60	-0.7611	-0.7545
0.70	-0.7208	*****
0.80	-0.7507	-0.7651
0.90	-0.6946	*****
0.95	-0.3560	-0.3500

Surface Pressures

● upper, starboard
 ○ lower, port

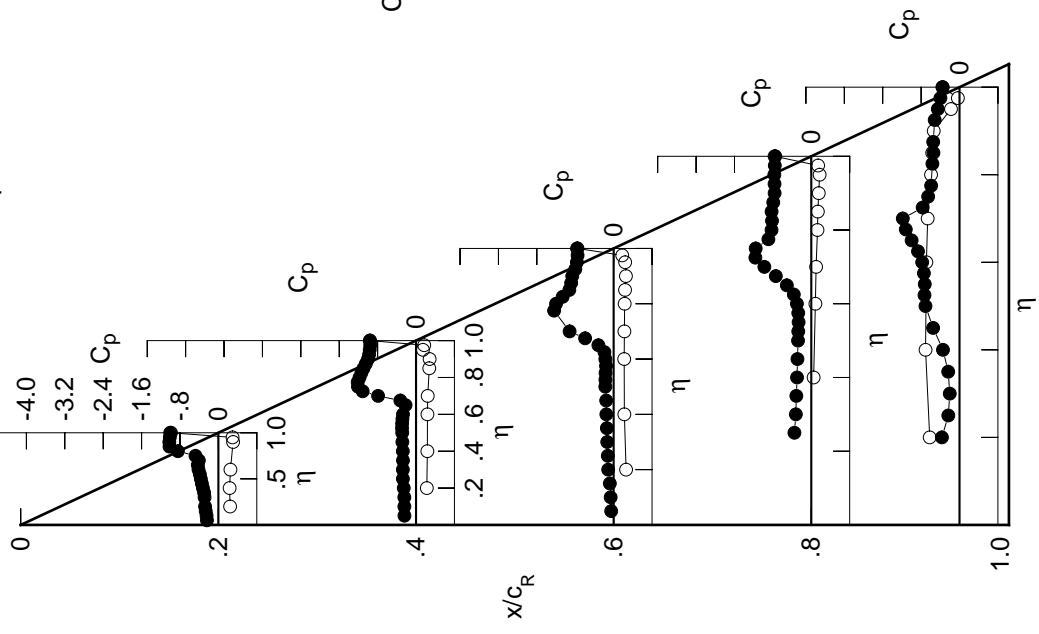
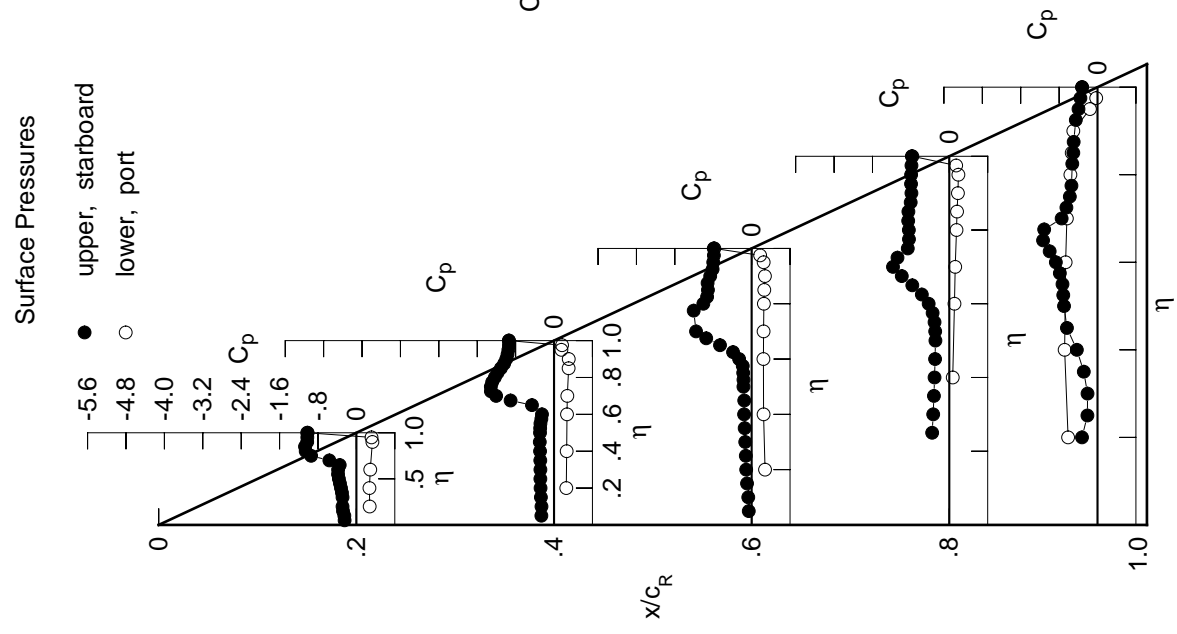
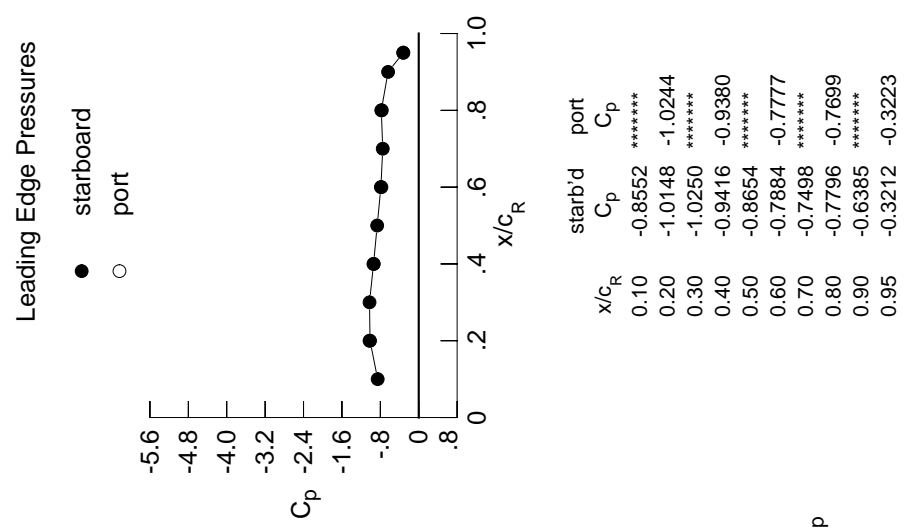


Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2454	-0.2639	-0.0596	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2509	-0.2615	-0.0706	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2787	-0.2739	-0.0961	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2888	-0.2805	-0.1135	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2844	-0.1214	-0.3564	-0.2104	*****	*****	*****	*****	*****
0.300	-0.2888	-0.2843	-0.1334	-0.3352	-0.2079	*****	*****	*****	*****	*****
0.350	-0.3011	-0.2863	-0.1455	-0.3202	-0.2857	*****	*****	*****	*****	*****
0.400	-0.3204	-0.2910	-0.1578	-0.3070	-0.4302	*****	*****	*****	*****	*****
0.450	-0.3425	-0.2968	-0.1542	-0.2960	-0.6366	*****	*****	*****	*****	*****
0.500	-0.3648	-0.2917	-0.1710	-0.2891	-0.6974	*****	*****	*****	*****	*****
0.525	*****	-0.2889	-0.1705	-0.2938	-0.7137	*****	*****	*****	*****	*****
0.550	-0.3825	-0.2828	-0.1757	-0.3074	-0.7295	*****	*****	*****	*****	*****
0.575	*****	-0.2638	-0.1848	-0.3475	-0.7851	*****	*****	*****	*****	*****
0.600	-0.3809	-0.2508	-0.2611	-0.4300	-0.8683	*****	*****	*****	*****	*****
0.625	*****	*****	-0.3875	-0.5720	-0.9968	*****	*****	*****	*****	*****
0.650	-0.3472	-0.4600	-0.6589	-0.7703	-1.1345	*****	*****	*****	*****	*****
0.675	*****	-0.9045	-0.9461	-0.9899	-1.1113	*****	*****	*****	*****	*****
0.700	-0.5628	-1.2067	-1.1586	-1.1731	-0.7469	*****	*****	*****	*****	*****
0.725	*****	-1.3149	*****	-1.0791	-0.6476	*****	*****	*****	*****	*****
0.750	-0.9429	-1.3167	*****	-0.8649	-0.5766	*****	*****	*****	*****	*****
0.775	*****	-1.2889	-1.2072	-0.8404	-0.5429	*****	*****	*****	*****	*****
0.800	-1.0560	-1.2332	-1.0061	-0.8427	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1776	-0.9280	-0.8559	-0.5258	*****	*****	*****	*****	*****
0.850	-1.0707	-1.1070	-0.9105	-0.8519	-0.5037	*****	*****	*****	*****	*****
0.875	*****	-1.0398	-0.9178	-0.8036	-0.4965	*****	*****	*****	*****	*****
0.900	-1.0246	-0.9953	-0.8630	-0.7886	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9687	-0.8126	-0.7971	-0.4520	*****	*****	*****	*****	*****
0.950	-1.0221	-0.9512	-0.8003	-0.7954	-0.3963	*****	*****	*****	*****	*****
0.975	*****	-0.9395	-0.7866	-0.7881	-0.3560	*****	*****	*****	*****	*****
1.000	-1.0148	-0.9416	-0.7884	-0.7796	-0.3212	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2768	0.2551	0.2794	*****	*****	*****	*****	*****	*****	*****
-0.600	0.2716	0.2634	0.2486	0.0718	-0.6847	*****	*****	*****	*****	*****
-0.700	0.2890	0.2702	0.2454	0.1078	-0.6643	*****	*****	*****	*****	*****
-0.800	*****	0.2767	0.2486	0.1235	-0.6383	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2549	0.1505	-0.5645	*****	*****	*****	*****	*****
-0.900	*****	0.3040	0.2633	0.1613	-0.5379	*****	*****	*****	*****	*****
-0.950	0.3332	0.3067	0.2770	0.1799	-0.5044	*****	*****	*****	*****	*****
-0.975	0.3155	0.1538	0.2501	0.1898	-0.1579	*****	*****	*****	*****	*****
-1.000	*****	0.1670	0.1766	0.1430	-0.0272	*****	*****	*****	*****	*****
	-1.0244	-0.9380	-0.7777	-0.7699	-0.3223	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 35 , Point No. = 697
 $C_N = 0.604$, $C_m = -0.1067$
 $\alpha = 12.6^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.7 \times 10^6$

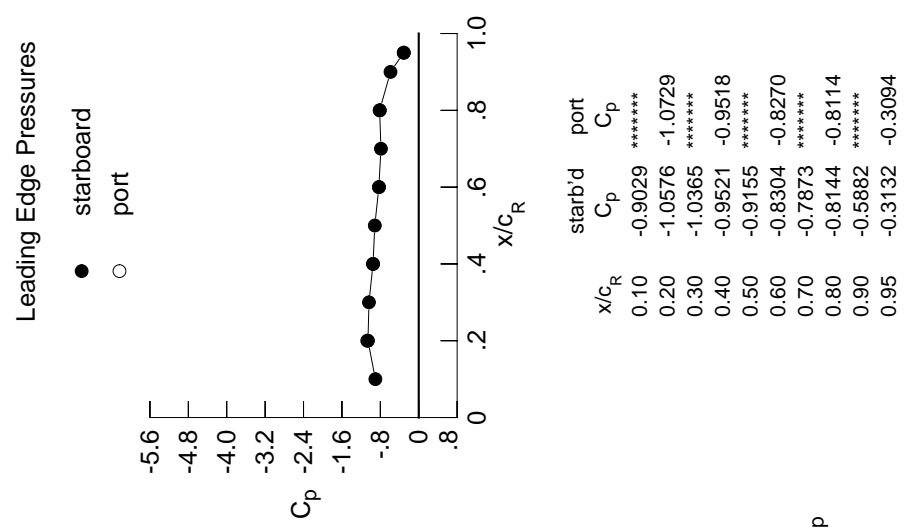


x/c_R	starb'd C_p	port C_p
0.10	-0.8552	*****
0.20	-1.0148	-1.0244
0.30	-1.0250	*****
0.40	-0.9416	-0.9380
0.50	-0.8654	*****
0.60	-0.7884	-0.7777
0.70	-0.7498	*****
0.80	-0.7796	-0.7699
0.90	-0.6385	*****
0.95	-0.3212	-0.3223

Table C2. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2670	-0.2962	-0.0815	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2740	-0.2969	-0.0951	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3063	-0.3124	-0.1192	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3106	-0.3096	-0.1283	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3140	-0.1393	-0.3809	-0.3809	-0.2188	*****	*****	*****	*****
0.300	-0.3042	-0.3143	-0.1532	-0.3619	-0.3619	-0.2416	*****	*****	*****	*****
0.350	-0.3185	-0.3165	-0.1681	-0.3462	-0.3462	-0.3407	*****	*****	*****	*****
0.400	-0.3400	-0.3195	-0.1752	-0.3323	-0.3323	-0.4982	*****	*****	*****	*****
0.450	-0.3611	-0.3208	-0.1738	-0.3239	-0.3239	-0.6626	*****	*****	*****	*****
0.500	-0.3772	-0.3091	-0.1974	-0.3325	-0.3325	-0.7072	*****	*****	*****	*****
0.525	*****	-0.3037	-0.2111	-0.3530	-0.3530	-0.7427	*****	*****	*****	*****
0.550	-0.3763	-0.2990	-0.2459	-0.3984	-0.3984	-0.7850	*****	*****	*****	*****
0.575	*****	-0.2971	-0.3101	-0.4858	-0.4858	-0.8788	*****	*****	*****	*****
0.600	-0.3240	-0.3464	-0.4812	-0.6198	-0.6198	-0.9852	*****	*****	*****	*****
0.625	*****	*****	-0.6922	-0.8010	-0.8010	-1.1264	*****	*****	*****	*****
0.650	-0.4547	-0.9048	-0.9608	-0.9954	-0.9954	-1.1049	*****	*****	*****	*****
0.675	*****	-1.2332	-1.1743	-1.1788	-1.1788	-0.7570	*****	*****	*****	*****
0.700	-1.0056	-1.3881	-1.3148	-1.1516	-1.1516	-0.6910	*****	*****	*****	*****
0.725	*****	-1.4267	*****	-0.8992	-0.8992	-0.5969	*****	*****	*****	*****
0.750	-1.1444	-1.3800	*****	-0.8702	-0.8702	-0.5481	*****	*****	*****	*****
0.775	*****	-1.3488	-1.0367	-0.8735	-0.8735	-0.5205	*****	*****	*****	*****
0.800	-1.1461	-1.2795	-0.9868	-0.8871	-0.8871	*****	*****	*****	*****	*****
0.825	*****	-1.1945	-0.9688	-0.8961	-0.8961	-0.5023	*****	*****	*****	*****
0.850	-1.1187	-1.1081	-0.9713	-0.8742	-0.8742	-0.4791	*****	*****	*****	*****
0.875	*****	-1.0600	-0.9465	-0.8293	-0.8293	-0.4667	*****	*****	*****	*****
0.900	-1.0647	-1.0257	-0.8809	-0.8248	-0.8248	*****	*****	*****	*****	*****
0.925	*****	-0.9911	-0.8539	-0.8328	-0.8328	-0.4231	*****	*****	*****	*****
0.950	-1.0650	-0.9672	-0.8483	-0.8318	-0.8318	-0.3761	*****	*****	*****	*****
0.975	*****	-0.9571	-0.8320	-0.8272	-0.8272	-0.3440	*****	*****	*****	*****
1.000	-1.0576	-0.9521	-0.8304	-0.8144	-0.8144	-0.3132	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3063	0.2786	0.2973	*****	*****	-0.6116	*****	*****	*****	*****
-0.600	0.3012	0.2874	0.2676	0.0872	0.0872	-0.6749	*****	*****	*****	*****
-0.700	0.3197	0.2947	0.2627	0.1238	-0.6554	*****	*****	*****	*****	*****
-0.800	*****	0.3010	0.2676	0.1384	-0.6260	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2732	0.1670	-0.5522	*****	*****	*****	*****	*****
-0.900	*****	0.3234	0.2802	0.1765	-0.5223	*****	*****	*****	*****	*****
-0.950	0.3517	0.3193	0.2878	0.1921	-0.4853	*****	*****	*****	*****	*****
-0.975	0.3269	0.1495	0.2487	0.1918	-0.1499	*****	*****	*****	*****	*****
-1.000	*****	0.1540	0.1603	0.1312	-0.0282	*****	*****	*****	*****	*****
-1.000	-1.0729	-0.9518	-0.8270	-0.8114	-0.3094	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 35 , Point No. = 698
 $C_N = 0.660$, $C_m = -0.1145$
 $\alpha = 13.7^\circ$, $M_\infty = 0.852$
 $R_{mac} = 11.7 \times 10^6$



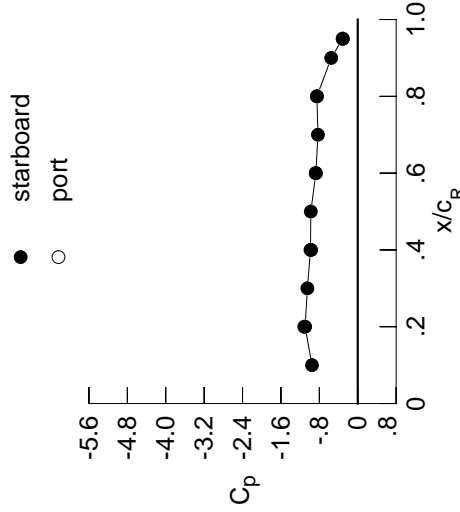
x/c_R	starb'd C_p	port C_p
0.10	-0.9029	*****
0.20	-1.0576	-1.0729
0.30	-1.0365	*****
0.40	-0.9521	-0.9518
0.50	-0.9155	*****
0.60	-0.8304	-0.8270
0.70	-0.7873	*****
0.80	-0.8144	-0.8114
0.90	-0.5882	*****
0.95	-0.3132	-0.3094

Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2893	-0.3315	-0.1006	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3019	-0.3337	-0.1160	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3280	-0.3445	-0.1327	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3265	-0.3405	-0.1450	*****	*****	*****	*****	*****	*****	-0.3471
0.250	*****	-0.3465	-0.1563	-0.4138	-0.2513	*****	*****	*****	*****	*****
0.300	-0.3198	-0.3469	-0.1735	-0.3928	-0.2878	*****	*****	*****	*****	*****
0.350	-0.3384	-0.3474	-0.1857	-0.3801	-0.3947	*****	*****	*****	*****	*****
0.400	-0.3609	-0.3483	-0.1981	-0.3668	-0.5716	*****	*****	*****	*****	*****
0.450	-0.3775	-0.3476	-0.1984	-0.3697	-0.6986	*****	*****	*****	*****	*****
0.500	-0.3836	-0.3350	-0.2513	-0.4040	-0.7529	*****	*****	*****	*****	*****
0.525	*****	-0.3377	-0.2945	-0.4521	-0.8032	*****	*****	*****	*****	*****
0.550	-0.3546	-0.3570	-0.3816	-0.5336	-0.8759	*****	*****	*****	*****	*****
0.575	*****	-0.4203	-0.5093	-0.6594	-0.9868	*****	*****	*****	*****	*****
0.600	-0.2924	-0.5969	-0.7403	-0.8193	-1.1087	*****	*****	*****	*****	*****
0.625	*****	*****	-0.9524	-0.9979	-1.1493	*****	*****	*****	*****	*****
0.650	-0.9377	-1.1934	-1.1728	-1.1678	-0.7562	*****	*****	*****	*****	*****
0.675	*****	-1.4120	-1.3283	-1.2716	-0.7287	*****	*****	*****	*****	*****
0.700	-1.2286	-1.5113	-1.3700	-0.9629	-0.6482	*****	*****	*****	*****	*****
0.725	*****	-1.5118	*****	-0.9230	-0.5728	*****	*****	*****	*****	*****
0.750	-1.2613	-1.4121	*****	-0.9175	-0.5405	*****	*****	*****	*****	*****
0.775	*****	-1.3733	-1.0527	-0.9302	-0.5178	*****	*****	*****	*****	*****
0.800	-1.2181	-1.2591	-1.0595	-0.9478	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1611	-1.0768	-0.9533	-0.4887	*****	*****	*****	*****	*****
0.850	-1.1646	-1.1217	-1.0528	-0.9128	-0.4655	*****	*****	*****	*****	*****
0.875	*****	-1.1068	-0.9835	-0.8626	-0.4527	*****	*****	*****	*****	*****
0.900	-1.1065	-1.0756	-0.9230	-0.8599	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0217	-0.9052	-0.8655	-0.4165	*****	*****	*****	*****	*****
0.950	-1.1042	-1.0008	-0.8953	-0.8649	-0.3690	*****	*****	*****	*****	*****
0.975	*****	-0.9927	-0.8803	-0.8611	-0.3418	*****	*****	*****	*****	*****
1.000	-1.0959	-0.9844	-0.8714	-0.8504	-0.3157	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3374	0.3041	0.3165	*****	*****	-0.6063	*****	*****	*****	*****
-0.600	0.3331	0.3138	0.2868	0.1029	-0.6668	*****	*****	*****	*****	*****
-0.700	0.3503	0.3200	0.2835	0.1387	-0.6455	*****	*****	*****	*****	*****
-0.800	*****	0.3258	0.2881	0.1543	-0.6182	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2928	0.1815	-0.5386	*****	*****	*****	*****	*****
-0.900	0.3707	0.3321	0.3009	0.2051	-0.4685	*****	*****	*****	*****	*****
-0.950	0.3394	0.1510	0.2476	0.1936	-0.1442	*****	*****	*****	*****	*****
-0.975	*****	0.1417	0.1453	0.1208	-0.0312	*****	*****	*****	*****	*****
-1.000	-1.1141	-0.9714	-0.8758	-0.8516	-0.3093	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 35 , Point No. = 699
 $C_N = 0.711$, $C_m = -0.1196$
 $\alpha = 14.7^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.7 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.9531	*****
0.20	-1.0959	-1.1141
0.30	-1.0489	*****
0.40	-0.9844	-0.9714
0.50	-0.9774	*****
0.60	-0.8714	-0.8758
0.70	-0.8291	*****
0.80	-0.8504	-0.8516
0.90	-0.5520	*****
0.95	-0.3157	-0.3093

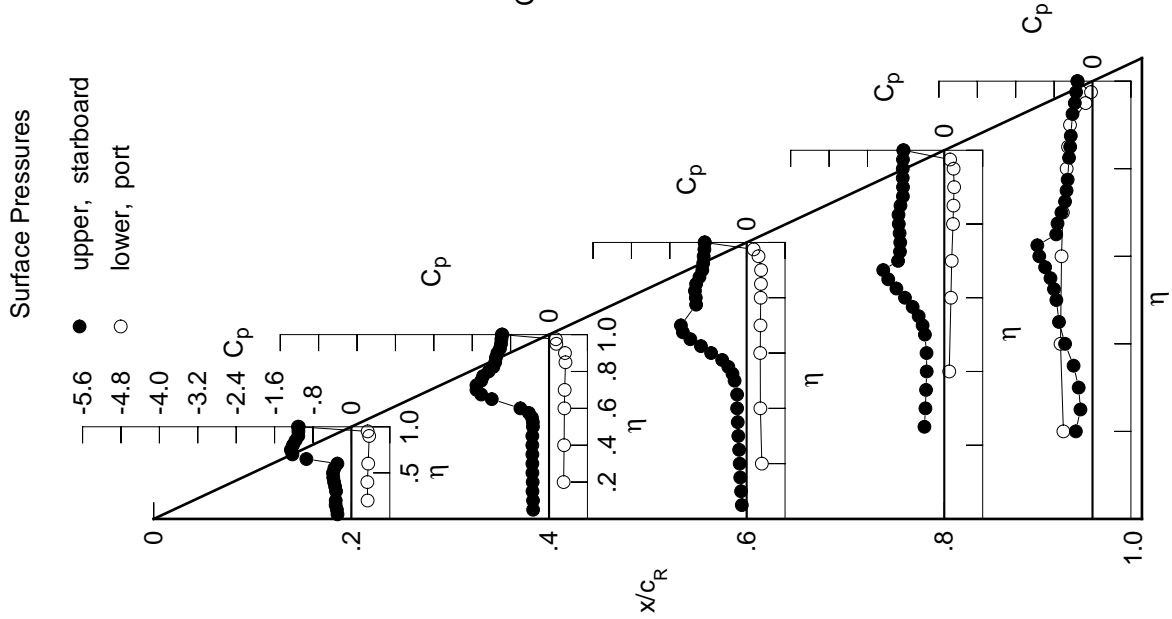
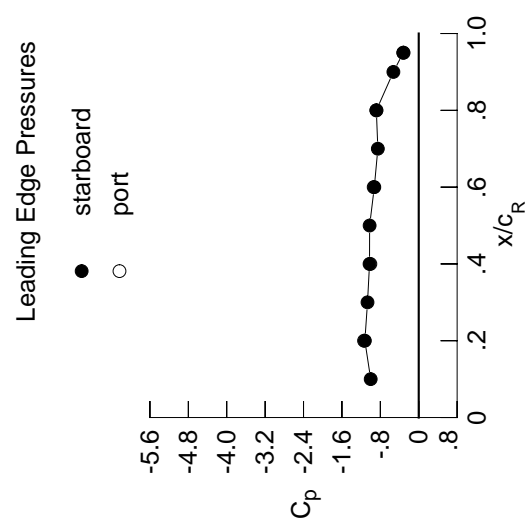


Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3118	-0.3677	-0.1174	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3289	-0.3736	-0.1342	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3440	-0.3787	-0.1441	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3467	-0.3772	-0.1592	*****	*****	*****	*****	*****	*****	-0.4144
0.250	*****	-0.3806	-0.1722	-0.4427	-0.4237	-0.3754	*****	*****	*****	*****
0.300	-0.3399	-0.3826	-0.1882	-0.4237	-0.4113	-0.4940	*****	*****	*****	*****
0.350	-0.3615	-0.3815	-0.1997	-0.4113	-0.4940	*****	*****	*****	*****	*****
0.400	-0.3825	-0.3828	-0.2149	-0.4060	-0.6609	*****	*****	*****	*****	*****
0.450	-0.3925	-0.3800	-0.2312	-0.4250	-0.7351	*****	*****	*****	*****	*****
0.500	-0.3831	-0.3864	-0.3276	-0.5040	-0.8034	*****	*****	*****	*****	*****
0.525	*****	-0.4185	-0.4179	-0.5831	-0.8680	*****	*****	*****	*****	*****
0.550	-0.3340	-0.4967	-0.5599	-0.7007	-0.9556	*****	*****	*****	*****	*****
0.575	*****	-0.6569	-0.7318	-0.8476	-1.0791	*****	*****	*****	*****	*****
0.600	-0.5298	-0.9091	-0.9645	-1.0057	-1.1981	*****	*****	*****	*****	*****
0.625	*****	*****	-1.1480	-1.1620	-0.7680	*****	*****	*****	*****	*****
0.650	-1.2406	-1.3655	-1.3167	-1.2993	-0.7383	*****	*****	*****	*****	*****
0.675	*****	-1.5232	-1.3737	-1.1115	-0.7026	*****	*****	*****	*****	*****
0.700	-1.3527	-1.5909	-1.0991	-0.9923	-0.6378	*****	*****	*****	*****	*****
0.725	*****	-1.5784	*****	-0.9784	-0.5844	*****	*****	*****	*****	*****
0.750	-1.3433	-1.4107	*****	-0.9739	-0.5582	*****	*****	*****	*****	*****
0.775	*****	-1.2954	-1.0703	-0.9840	-0.5319	*****	*****	*****	*****	*****
0.800	-1.2774	-1.2040	-1.0893	-1.0019	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1721	-1.1106	-1.0060	-0.4807	*****	*****	*****	*****	*****
0.850	-1.2076	-1.1656	-1.0645	-0.9656	-0.4540	*****	*****	*****	*****	*****
0.875	*****	-1.1651	-1.0033	-0.9006	-0.4458	*****	*****	*****	*****	*****
0.900	-1.1395	-1.1062	-0.9765	-0.8871	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0519	-0.9698	-0.8942	-0.4190	*****	*****	*****	*****	*****
0.950	-1.1323	-1.0403	-0.9593	-0.8974	-0.3717	*****	*****	*****	*****	*****
0.975	*****	-1.0354	-0.9407	-0.8942	-0.3479	*****	*****	*****	*****	*****
1.000	-1.1224	-1.0250	-0.9254	-0.8830	-0.3229	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3664	0.3281	0.3350	*****	-0.5963	*****	*****	*****	*****	*****
-0.600	0.3637	0.3381	0.3063	0.1203	-0.6560	*****	*****	*****	*****	*****
-0.700	0.3805	0.3438	0.3024	0.1567	-0.6344	*****	*****	*****	*****	*****
-0.800	*****	0.3495	0.3061	0.1703	-0.6062	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3102	0.1963	-0.5257	*****	*****	*****	*****	*****
-0.900	*****	0.3599	0.3125	0.2070	-0.4944	*****	*****	*****	*****	*****
-0.950	0.3881	0.3415	0.3097	0.2155	-0.4511	*****	*****	*****	*****	*****
-0.975	0.3491	0.1526	0.2432	0.1938	-0.1380	*****	*****	*****	*****	*****
-1.000	*****	0.1261	0.1274	0.1090	-0.0356	*****	*****	*****	*****	*****
-1.000	-1.1395	-1.0078	-0.9383	-0.8806	-0.3161	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 35 , Point No. = 700
 $C_N = 0.770$, $C_m = -0.1293$
 $\alpha = 15.7^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.7 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.0007	*****
0.20	-1.1224	-1.1395
0.30	-1.0669	*****
0.40	-1.0250	-1.0078
0.50	-1.0231	*****
0.60	-0.9254	-0.9383
0.70	-0.8517	*****
0.80	-0.8830	-0.8806
0.90	-0.5281	*****
0.95	-0.3229	-0.3161

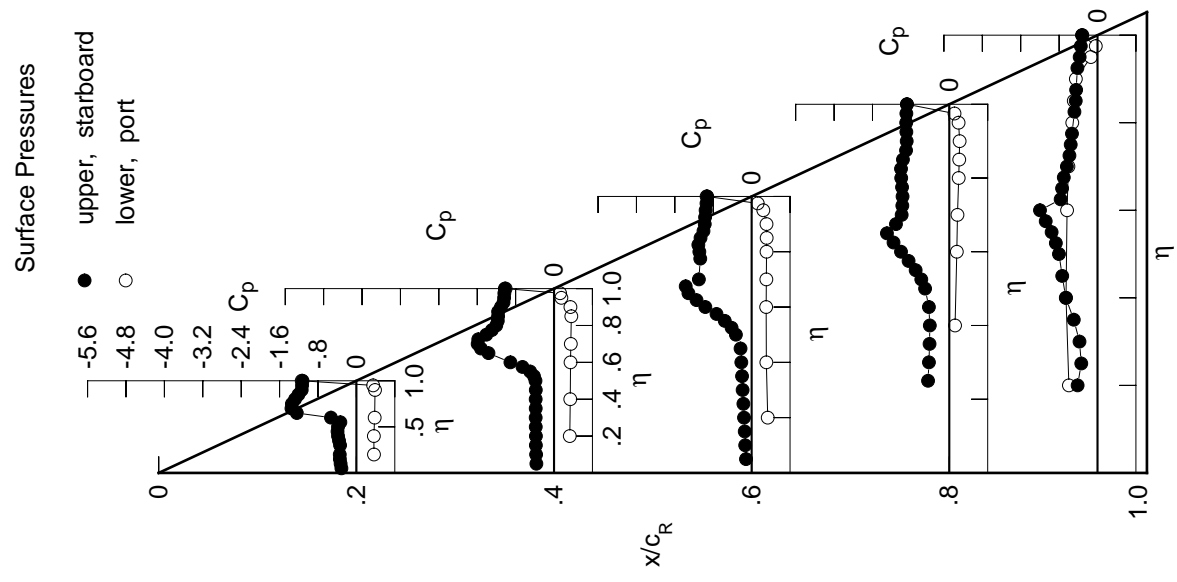
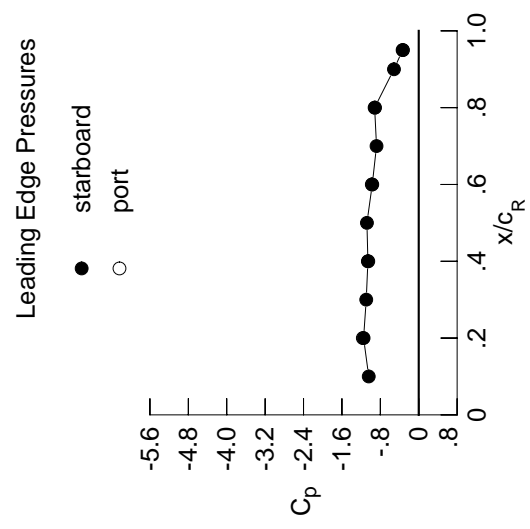


Table C2. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3341	-0.4061	-0.1354	*****	*****
0.100	-0.3554	-0.4124	-0.1498	*****	*****
0.150	-0.3643	-0.4157	-0.1616	*****	*****
0.200	-0.3686	-0.4125	-0.1770	*****	-0.5197
0.250	*****	-0.4162	-0.1898	-0.4726	-0.4785
0.300	-0.3638	-0.4159	-0.2074	-0.4542	-0.5348
0.350	-0.3851	-0.4177	-0.2230	-0.4448	-0.6315
0.400	-0.4012	-0.4178	-0.2509	-0.4503	-0.7044
0.450	-0.4008	-0.4283	-0.2923	-0.4931	-0.7451
0.500	-0.3805	-0.4765	-0.4469	-0.6173	-0.8404
0.525	*****	-0.5602	-0.5766	-0.7235	-0.9189
0.550	-0.3971	-0.7046	-0.7460	-0.8560	-1.0241
0.575	*****	-0.9135	-0.9262	-1.0040	-1.1529
0.600	-0.9825	-1.1455	-1.1300	-1.1476	-1.0926
0.625	*****	*****	-1.2812	-1.2807	-0.7486
0.650	-1.4037	-1.4676	-1.4034	-1.3653	-0.7263
0.675	*****	-1.5979	-1.1047	-1.0706	-0.6916
0.700	-1.4196	-1.6355	-1.0668	-1.0379	-0.6518
0.725	*****	-1.4842	*****	-1.0338	-0.6144
0.750	-1.3980	-1.3859	*****	-1.0344	-0.5946
0.775	*****	-1.3182	-1.1002	-1.0500	-0.5495
0.800	-1.3195	-1.2601	-1.1279	-1.0670	*****
0.825	*****	-1.2241	-1.1325	-1.0652	-0.4808
0.850	-1.2394	-1.2112	-1.0728	-1.0261	-0.4526
0.875	*****	-1.1964	-1.0371	-0.9477	-0.4518
0.900	-1.1720	-1.1278	-1.0309	-0.9208	*****
0.925	*****	-1.0802	-1.0319	-0.9243	-0.4334
0.950	-1.1637	-1.0739	-1.0186	-0.9301	-0.3806
0.975	*****	-1.0686	-0.9922	-0.9302	-0.3582
1.000	-1.1491	-1.0588	-0.9680	-0.9189	-0.3357
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3973	0.3527	0.3550	*****	-0.5847
-0.400	0.3951	0.3636	0.3254	0.1374	-0.6452
-0.600	0.4097	0.3675	0.3224	0.1717	-0.6221
-0.700	*****	0.3732	0.3246	0.1875	-0.5935
-0.800	*****	*****	0.3278	0.2106	-0.5125
-0.850	*****	0.3762	0.3277	0.2212	-0.4808
-0.900	0.4039	0.3513	0.3188	0.2262	-0.4350
-0.950	0.3592	0.1527	0.2393	0.1934	-0.1338
-0.975	*****	0.1108	0.1108	0.0970	-0.0420
-1.000	-1.1649	-1.0512	-0.9779	-0.9106	-0.3289

Small Radius L.E.
 Run No. = 35, Point No. = 701
 $C_N = 0.829$, $C_m = -0.1393$
 $\alpha = 16.8^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.7 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.0413	*****
0.20	-1.1491	-1.1649
0.30	-1.0934	*****
0.40	-1.0588	-1.0512
0.50	-1.0793	*****
0.60	-0.9680	-0.9779
0.70	-0.8793	*****
0.80	-0.9189	-0.9106
0.90	-0.5162	*****
0.95	-0.3357	-0.3289

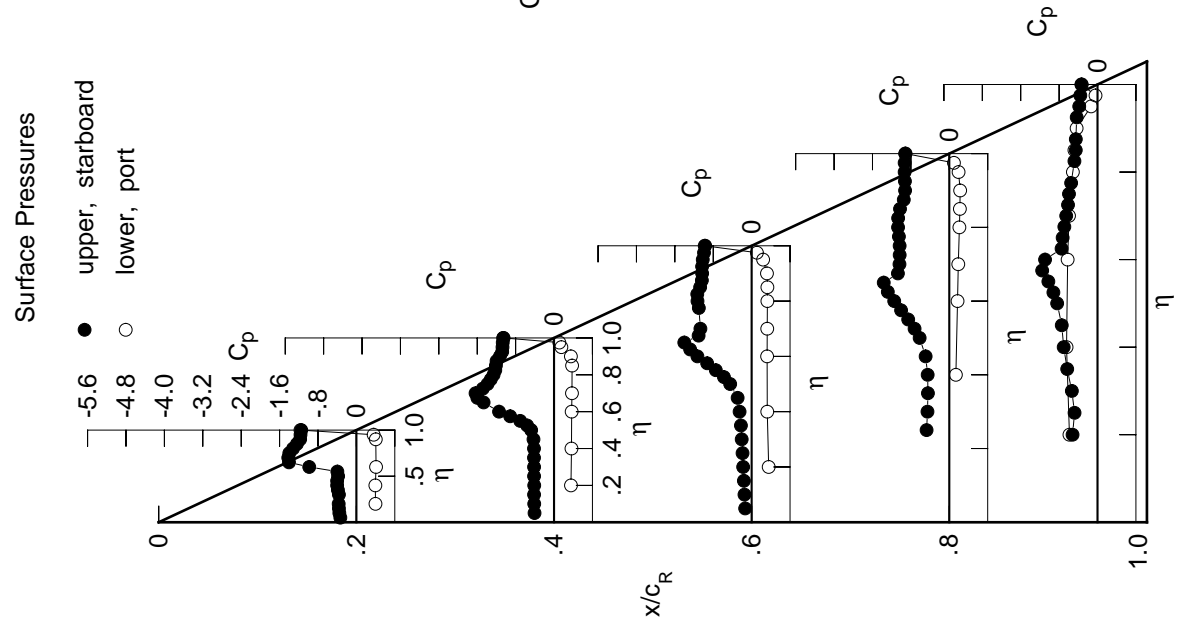
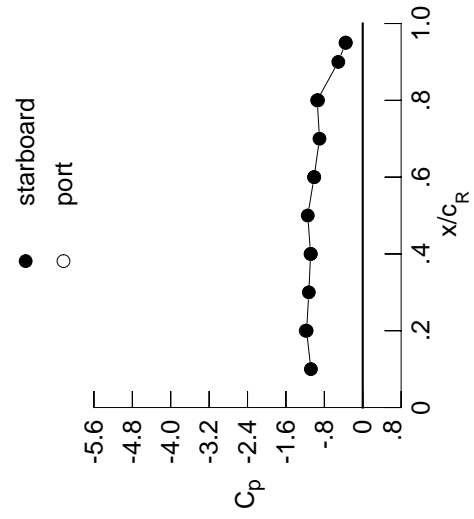


Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.3656	-0.4384	-0.1623	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3832	-0.4469	-0.1814	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3900	-0.4464	-0.1927	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3946	-0.4456	-0.2127	*****	*****	*****	*****	*****	*****	-0.5177
0.250	*****	-0.4500	-0.2304	-0.4971	-0.5475	*****	*****	*****	*****	*****
0.300	-0.3869	-0.4510	-0.2565	-0.4843	-0.6102	*****	*****	*****	*****	*****
0.350	-0.4071	-0.4525	-0.2865	-0.4817	-0.6554	*****	*****	*****	*****	*****
0.400	-0.4202	-0.4620	-0.3387	-0.5023	-0.6907	*****	*****	*****	*****	*****
0.450	-0.4143	-0.4970	-0.4244	-0.5720	-0.7439	*****	*****	*****	*****	*****
0.500	-0.4091	-0.6087	-0.6355	-0.7337	-0.8638	*****	*****	*****	*****	*****
0.525	*****	-0.7394	-0.7856	-0.8517	-0.9570	*****	*****	*****	*****	*****
0.550	-0.6226	-0.9162	-0.9546	-0.9897	-1.0708	*****	*****	*****	*****	*****
0.575	*****	-1.1147	-1.1167	-1.1297	-1.2048	*****	*****	*****	*****	*****
0.600	-1.2707	-1.3049	-1.2872	-1.2594	-0.9232	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4078	-1.3750	-0.7569	*****	*****	*****	*****	*****
0.650	-1.5196	-1.5395	-1.2565	-1.2409	-0.7199	*****	*****	*****	*****	*****
0.675	*****	-1.6374	-1.1312	-1.1028	-0.6869	*****	*****	*****	*****	*****
0.700	-1.4674	-1.4702	-1.1223	-1.0907	-0.6730	*****	*****	*****	*****	*****
0.725	*****	-1.4060	*****	-1.1006	-0.6581	*****	*****	*****	*****	*****
0.750	-1.4478	-1.4018	*****	-1.1199	-0.6389	*****	*****	*****	*****	*****
0.775	*****	-1.3954	-1.1581	-1.1324	-0.5797	*****	*****	*****	*****	*****
0.800	-1.3694	-1.3766	-1.1883	-1.1302	*****	*****	*****	*****	*****	*****
0.825	*****	-1.3400	-1.1686	-1.1091	-0.4942	*****	*****	*****	*****	*****
0.850	-1.2662	-1.2920	-1.1019	-1.0687	-0.4618	*****	*****	*****	*****	*****
0.875	*****	-1.2257	-1.0696	-0.9918	-0.4647	*****	*****	*****	*****	*****
0.900	-1.1969	-1.1477	-1.0693	-0.9574	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1080	-1.0757	-0.9526	-0.4605	*****	*****	*****	*****	*****
0.950	-1.1902	-1.1020	-1.0690	-0.9601	-0.3986	*****	*****	*****	*****	*****
0.975	*****	-1.0990	-1.0460	-0.9594	-0.3751	*****	*****	*****	*****	*****
1.000	-1.1692	-1.0865	-1.0128	-0.9485	-0.3564	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4289	0.3773	0.3745	*****	-0.5744	*****	*****	*****	*****	*****
-0.400	0.4246	0.3878	0.3447	0.1538	-0.6324	*****	*****	*****	*****	*****
-0.600	0.4389	0.3910	0.3421	0.1887	-0.6104	*****	*****	*****	*****	*****
-0.700	*****	0.3961	0.3428	0.2021	-0.5805	*****	*****	*****	*****	*****
-0.800	*****	*****	0.3451	0.2262	-0.4984	*****	*****	*****	*****	*****
-0.850	*****	0.3914	0.3415	0.2343	-0.4670	*****	*****	*****	*****	*****
-0.900	0.4195	0.3594	0.3269	0.2356	-0.4205	*****	*****	*****	*****	*****
-0.950	0.3673	0.1500	0.2346	0.1918	-0.1310	*****	*****	*****	*****	*****
-0.975	*****	0.0960	0.0936	0.0843	-0.0505	*****	*****	*****	*****	*****
-1.000	-1.1869	-1.0817	-1.0105	-0.9315	-0.3533	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 35 , Point No. = 702
 $C_N = 0.889$, $C_m = -0.1498$
 $\alpha = 17.8^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.7 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.0804	*****
0.20	-1.1692	-1.1869
0.30	-1.1230	*****
0.40	-1.0865	-1.0817
0.50	-1.1453	*****
0.60	-1.0128	-1.0105
0.70	-0.9005	*****
0.80	-0.9485	-0.9315
0.90	-0.5085	*****
0.95	-0.3564	-0.3533

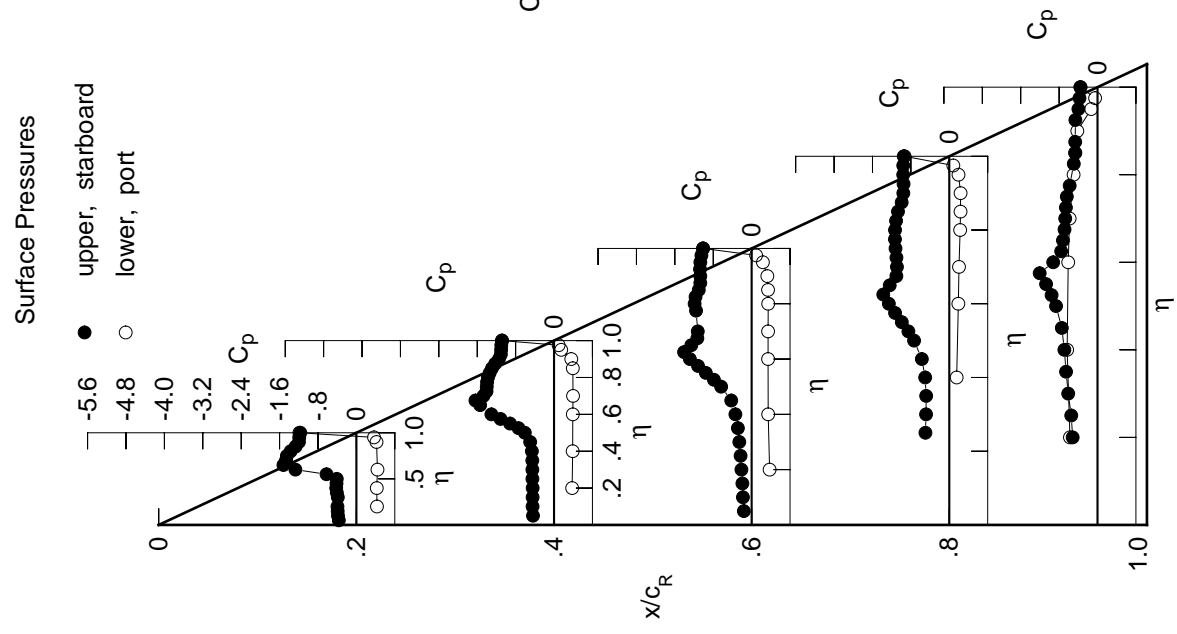
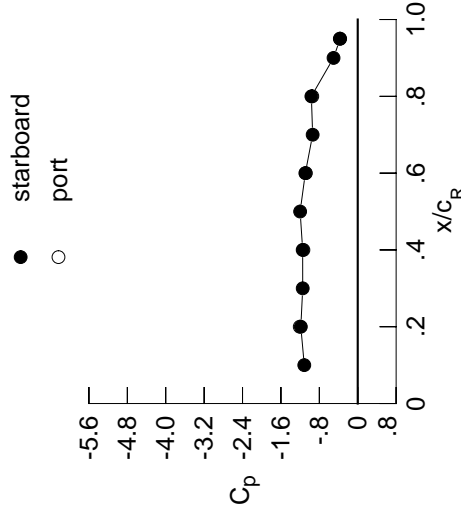


Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4011	-0.4711	-0.2287	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4121	-0.4794	-0.2484	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4232	-0.4813	-0.2658	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4272	-0.4777	-0.2920	*****	*****	*****	*****	*****	*****	-0.4597
0.250	*****	-0.4870	-0.3214	-0.5195	-0.5068	-0.5195	-0.5195	-0.5195	-0.5195	-0.5418
0.300	-0.4146	-0.4856	-0.3596	-0.5068	-0.5068	-0.5068	-0.5068	-0.5068	-0.5068	-0.6048
0.350	-0.4320	-0.4963	-0.4071	-0.5145	-0.5145	-0.5145	-0.5145	-0.5145	-0.5145	-0.6378
0.400	-0.4412	-0.5169	-0.4835	-0.5456	-0.5456	-0.5456	-0.5456	-0.5456	-0.5456	-0.6836
0.450	-0.4389	-0.5908	-0.6024	-0.6413	-0.6413	-0.6413	-0.6413	-0.6413	-0.6413	-0.7546
0.500	-0.5046	-0.7635	-0.8395	-0.8222	-0.8222	-0.8222	-0.8222	-0.8222	-0.8222	-0.9028
0.525	*****	-0.9212	-0.9857	-0.9467	-0.9467	-0.9467	-0.9467	-0.9467	-0.9467	-1.0051
0.550	-0.9297	-1.0937	-1.1376	-1.0812	-1.0812	-1.0812	-1.0812	-1.0812	-1.0812	-1.1251
0.575	*****	-1.2673	-1.2731	-1.2161	-1.2161	-1.2161	-1.2161	-1.2161	-1.2161	-1.2490
0.600	-1.4481	-1.4175	-1.4111	-1.3318	-0.8448	-0.8448	-0.8448	-0.8448	-0.8448	-0.8448
0.625	*****	*****	-1.5036	-1.4387	-0.7455	-0.7455	-0.7455	-0.7455	-0.7455	-0.7455
0.650	-1.6107	-1.5850	-1.2628	-1.1678	-0.7042	-0.7042	-0.7042	-0.7042	-0.7042	-0.7042
0.675	*****	-1.4703	-1.2214	-1.1284	-0.6873	-0.6873	-0.6873	-0.6873	-0.6873	-0.6873
0.700	-1.5058	-1.4022	-1.2207	-1.1309	-0.6897	-0.6897	-0.6897	-0.6897	-0.6897	-0.6897
0.725	*****	-1.3910	*****	-1.1491	-0.6757	-0.6757	-0.6757	-0.6757	-0.6757	-0.6757
0.750	-1.4871	-1.3982	*****	-1.1655	-0.6539	-0.6539	-0.6539	-0.6539	-0.6539	-0.6539
0.775	*****	-1.4178	-1.2474	-1.1793	-0.5868	-0.5868	-0.5868	-0.5868	-0.5868	-0.5868
0.800	-1.4030	-1.4612	-1.2770	-1.1797	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4555	-1.2587	-1.1532	-0.5060	-0.5060	-0.5060	-0.5060	-0.5060	-0.5060
0.850	-1.2870	-1.3495	-1.1900	-1.1093	-0.4756	-0.4756	-0.4756	-0.4756	-0.4756	-0.4756
0.875	*****	-1.2312	-1.1421	-1.0268	-0.4814	-0.4814	-0.4814	-0.4814	-0.4814	-0.4814
0.900	-1.2251	-1.1749	-1.1243	-0.9845	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1582	-1.1193	-0.9721	-0.4832	-0.4832	-0.4832	-0.4832	-0.4832	-0.4832
0.950	-1.2090	-1.1546	-1.1206	-0.9744	-0.4135	-0.4135	-0.4135	-0.4135	-0.4135	-0.4135
0.975	*****	-1.1526	-1.1126	-0.9757	-0.3876	-0.3876	-0.3876	-0.3876	-0.3876	-0.3876
1.000	-1.1855	-1.1472	-1.0915	-0.9657	-0.3664	-0.3664	-0.3664	-0.3664	-0.3664	-0.3664
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4560	0.4019	0.3912	*****	-0.5638	-0.5638	-0.5638	-0.5638	-0.5638	-0.5638
-0.600	0.4530	0.4089	0.3632	0.1691	-0.6212	-0.6212	-0.6212	-0.6212	-0.6212	-0.6212
-0.700	0.4650	0.4132	0.3576	0.2032	-0.5995	-0.5995	-0.5995	-0.5995	-0.5995	-0.5995
-0.800	*****	0.4168	0.3606	0.2160	-0.5685	-0.5685	-0.5685	-0.5685	-0.5685	-0.5685
-0.850	*****	*****	0.3598	0.2395	-0.4861	-0.4861	-0.4861	-0.4861	-0.4861	-0.4861
-0.900	*****	0.4040	0.3525	0.2459	-0.4538	-0.4538	-0.4538	-0.4538	-0.4538	-0.4538
-0.950	0.4317	0.3646	0.3321	0.2429	-0.4057	-0.4057	-0.4057	-0.4057	-0.4057	-0.4057
-0.975	0.3730	0.1485	0.2276	0.1886	-0.1284	-0.1284	-0.1284	-0.1284	-0.1284	-0.1284
-1.000	*****	0.0783	0.0745	0.0703	-0.0583	-0.0583	-0.0583	-0.0583	-0.0583	-0.0583
-1.000	-1.2077	-1.1320	-1.0805	-0.9468	-0.3725	-0.3725	-0.3725	-0.3725	-0.3725	-0.3725

Small Radius L.E.
 Run No. = 35 , Point No. = 703
 $C_N = 0.949$, $C_m = -0.1609$
 $\alpha = 18.8^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.7 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1136	*****
0.20	-1.1855	-1.2077
0.30	-1.1463	*****
0.40	-1.1472	-1.1320
0.50	-1.1998	*****
0.60	-1.0915	-1.0805
0.70	-0.9392	*****
0.80	-0.9657	-0.9468
0.90	-0.5043	*****
0.95	-0.3664	-0.3725

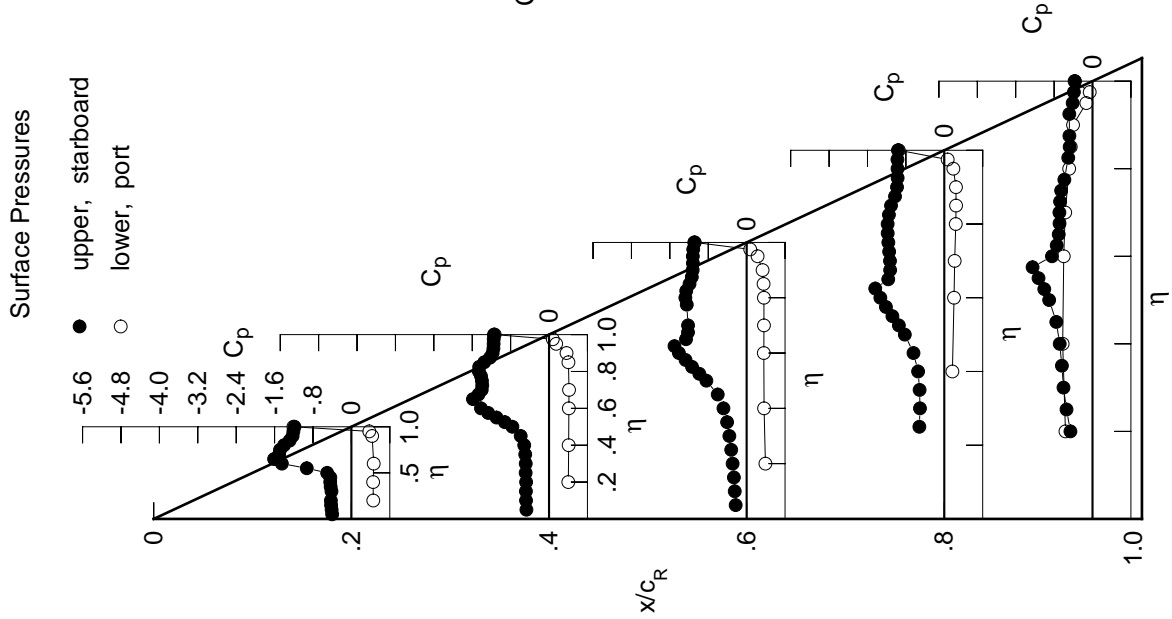


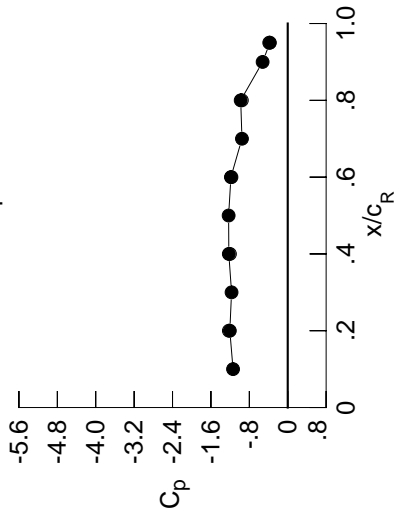
Table C2. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4363	-0.5104	-0.4029	*****	*****
0.100	-0.4455	-0.5192	-0.4067	*****	*****
0.150	-0.4525	-0.5213	-0.4186	*****	*****
0.200	-0.4588	-0.5180	-0.4500	*****	-0.3636
0.250	*****	-0.5281	-0.4856	-0.5703	-0.4790
0.300	-0.4408	-0.5330	-0.5193	-0.5607	-0.5395
0.350	-0.4570	-0.5511	-0.5673	-0.5742	-0.5830
0.400	-0.4749	-0.5957	-0.6474	-0.6208	-0.6440
0.450	-0.5028	-0.7081	-0.7925	-0.7351	-0.7465
0.500	-0.6851	-0.9260	-1.0303	-0.9295	-0.9201
0.525	*****	-1.0856	-1.1658	-1.0483	-1.0314
0.550	-1.1794	-1.2399	-1.2919	-1.1730	-1.1534
0.575	*****	-1.3837	-1.4041	-1.2936	-1.2698
0.600	-1.5616	-1.5017	-1.5100	-1.3965	-0.8598
0.625	*****	*****	-1.5670	-1.4929	-0.7284
0.650	-1.6902	-1.5024	-1.3307	-1.2191	-0.7173
0.675	*****	-1.4020	-1.3110	-1.1814	-0.7218
0.700	-1.5518	-1.3935	-1.3032	-1.1738	-0.7100
0.725	*****	-1.3910	*****	-1.1691	-0.6807
0.750	-1.5142	-1.4029	*****	-1.1835	-0.6405
0.775	*****	-1.4310	-1.3212	-1.1992	-0.5782
0.800	-1.4143	-1.4899	-1.3474	-1.2025	*****
0.825	*****	-1.4561	-1.3344	-1.1789	-0.5373
0.850	-1.3074	-1.3256	-1.2753	-1.1417	-0.5063
0.875	*****	-1.2455	-1.2246	-1.0510	-0.5049
0.900	-1.2548	-1.2281	-1.2092	-0.9952	*****
0.925	*****	-1.2275	-1.2026	-0.9798	-0.4978
0.950	-1.2305	-1.2296	-1.2035	-0.9882	-0.4279
0.975	*****	-1.2292	-1.1919	-0.9915	-0.3973
1.000	-1.2062	-1.2274	-1.1835	-0.9796	-0.3718
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4830	0.4295	0.4132	*****	-0.5499
-0.400	0.4853	0.4358	0.3855	0.1868	-0.6064
-0.600	0.4961	0.4408	0.3791	0.2230	-0.5869
-0.700	*****	0.4424	0.3825	0.2322	-0.5518
-0.800	*****	*****	0.3786	0.2549	-0.4706
-0.850	*****	0.4206	0.3685	0.2604	-0.4375
-0.900	0.4493	0.3735	0.3415	0.2525	-0.3889
-0.950	0.3822	0.1486	0.2241	0.1882	-0.1229
-0.975	*****	0.0653	0.0599	0.0580	-0.0645
-1.000	-1.2263	-1.2039	-1.1731	-0.9562	-0.3853

Small Radius L.E.
 Run No. = 35 , Point No. = 704
 $C_N = 1.006$, $C_m = -0.1708$
 $\alpha = 19.9^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.7 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1393	*****
0.20	-1.2062	-1.2263
0.30	-1.1704	*****
0.40	-1.2274	-1.2039
0.50	-1.2315	*****
0.60	-1.1835	-1.1731
0.70	-0.9536	*****
0.80	-0.9796	-0.9562
0.90	-0.5230	*****
0.95	-0.3718	-0.3853

Surface Pressures

● upper, starboard
 ○ lower, port

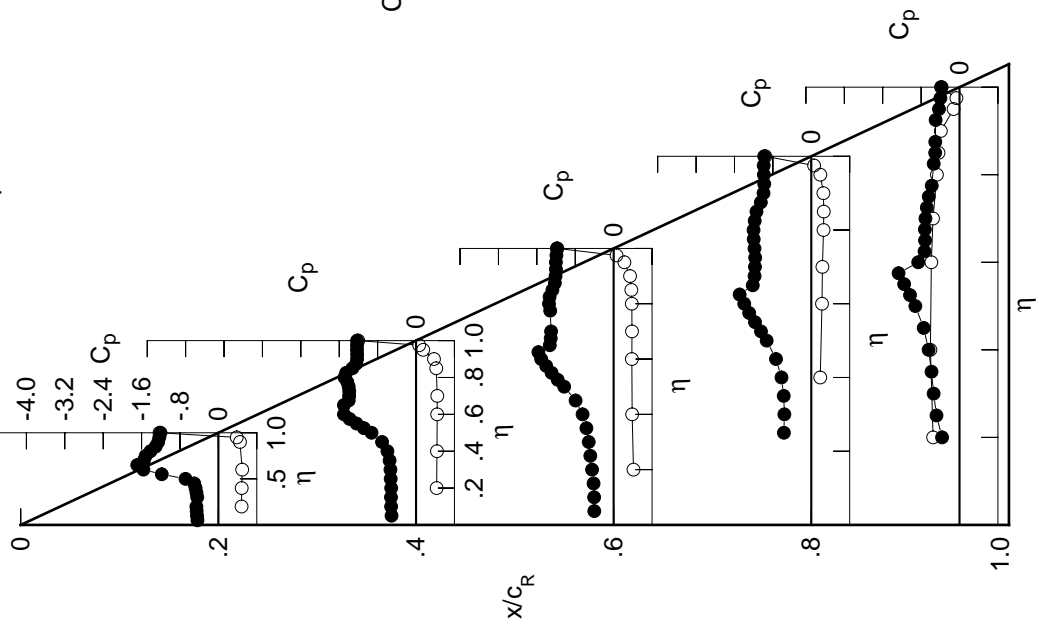
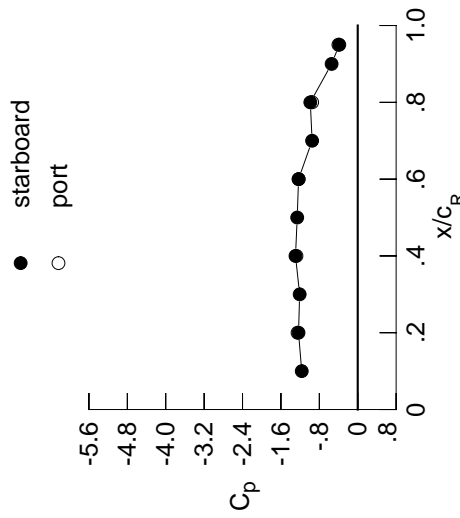


Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4750	-0.5524	-0.5302	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4834	-0.5589	-0.5313	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4897	-0.5626	-0.5304	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4965	-0.5607	-0.5443	*****	*****	*****	*****	*****	*****	-0.3015
0.250	*****	-0.5729	-0.5593	-0.5814	-0.4382	*****	*****	*****	*****	*****
0.300	-0.4798	-0.5853	-0.5895	-0.5920	-0.5219	*****	*****	*****	*****	*****
0.350	-0.5000	-0.6150	-0.6410	-0.6307	-0.5677	*****	*****	*****	*****	*****
0.400	-0.5289	-0.6866	-0.7489	-0.7033	-0.6521	*****	*****	*****	*****	*****
0.450	-0.6063	-0.8327	-0.9211	-0.8351	-0.7747	*****	*****	*****	*****	*****
0.500	-0.9034	-1.0680	-1.1677	-1.0323	-0.9623	*****	*****	*****	*****	*****
0.525	*****	-1.2129	-1.2858	-1.1426	-1.0713	*****	*****	*****	*****	*****
0.550	-1.3566	-1.3470	-1.3981	-1.2585	-1.1901	*****	*****	*****	*****	*****
0.575	*****	-1.4622	-1.4890	-1.3636	-1.1443	*****	*****	*****	*****	*****
0.600	-1.6401	-1.5628	-1.5766	-1.4546	-0.7918	*****	*****	*****	*****	*****
0.625	*****	*****	-1.5429	-1.5376	-0.7211	*****	*****	*****	*****	*****
0.650	-1.7491	-1.3814	-1.3736	-1.2716	-0.7190	*****	*****	*****	*****	*****
0.675	*****	-1.3758	-1.3619	-1.2334	-0.6941	*****	*****	*****	*****	*****
0.700	-1.6117	-1.3818	-1.3574	-1.2164	-0.6530	*****	*****	*****	*****	*****
0.725	*****	-1.3895	*****	-1.2111	-0.5944	*****	*****	*****	*****	*****
0.750	-1.5149	-1.4110	*****	-1.2148	-0.5459	*****	*****	*****	*****	*****
0.775	*****	-1.4541	-1.3681	-1.2292	-0.5130	*****	*****	*****	*****	*****
0.800	-1.3945	-1.4800	-1.3861	-1.2320	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4151	-1.3772	-1.2230	-0.5540	*****	*****	*****	*****	*****
0.850	-1.3263	-1.3309	-1.3206	-1.1961	-0.5332	*****	*****	*****	*****	*****
0.875	*****	-1.2958	-1.2710	-1.0964	-0.5348	*****	*****	*****	*****	*****
0.900	-1.2893	-1.2965	-1.2503	-1.0155	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3009	-1.2465	-0.9808	-0.5222	*****	*****	*****	*****	*****
0.950	-1.2577	-1.3005	-1.2462	-0.9923	-0.4539	*****	*****	*****	*****	*****
0.975	*****	-1.2987	-1.2403	-1.0032	-0.4150	*****	*****	*****	*****	*****
1.000	-1.2335	-1.2965	-1.2330	-0.9879	-0.3839	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5122	0.4533	0.4332	*****	-0.5381	*****	*****	*****	*****	*****
-0.400	0.5103	0.4628	0.4020	0.2036	-0.5972	*****	*****	*****	*****	*****
-0.600	0.5195	0.4617	0.3994	0.2369	-0.5728	*****	*****	*****	*****	*****
-0.700	*****	0.4635	0.3974	0.2483	-0.5427	*****	*****	*****	*****	*****
-0.800	*****	*****	0.3931	0.2674	-0.4567	*****	*****	*****	*****	*****
-0.850	*****	0.4334	0.3806	0.2723	-0.4256	*****	*****	*****	*****	*****
-0.900	0.4562	0.3780	0.3470	0.2588	-0.3756	*****	*****	*****	*****	*****
-0.950	0.3832	0.1451	0.2167	0.1839	-0.1214	*****	*****	*****	*****	*****
-0.975	*****	0.0481	0.0438	0.0456	-0.0725	*****	*****	*****	*****	*****
-1.000	-1.2537	-1.2768	-1.2297	-0.9498	-0.4027	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 35 , Point No. = 705
 $C_N = 1.061$, $C_m = -0.1787$
 $\alpha = 20.9^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.7 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1668	*****
0.20	-1.2335	-1.2537
0.30	-1.2099	*****
0.40	-1.2965	-1.2768
0.50	-1.2607	*****
0.60	-1.2330	-1.2297
0.70	-0.9506	*****
0.80	-0.9879	-0.9498
0.90	-0.5443	*****
0.95	-0.3839	-0.4027

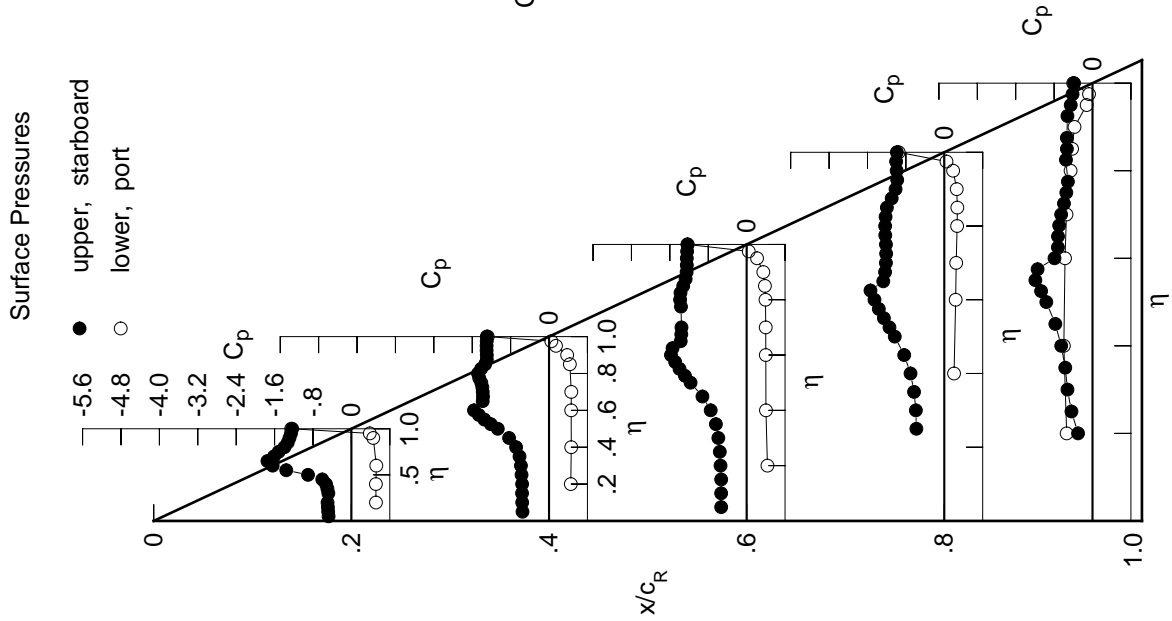
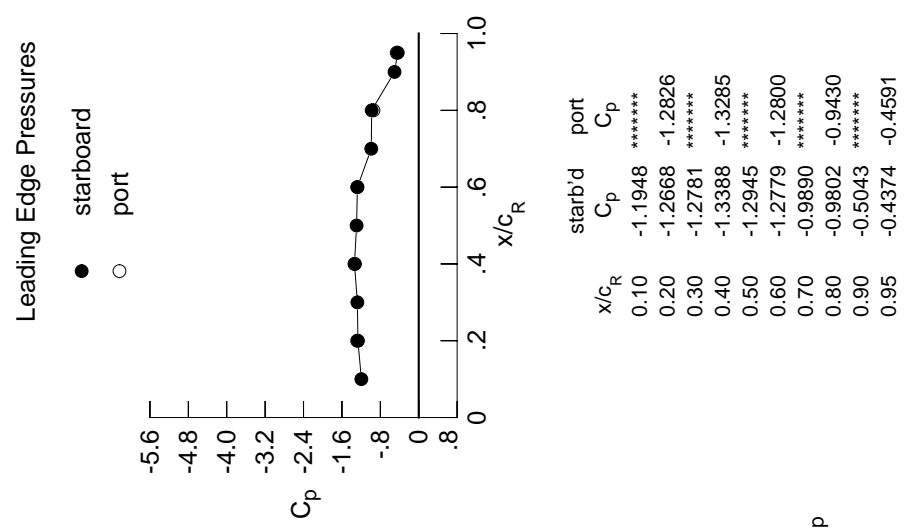


Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5140	-0.5929	-0.5755	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5218	-0.5986	-0.5752	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5287	-0.6058	-0.5808	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5366	-0.6051	-0.5895	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6227	-0.6042	-0.5390	-0.4441	*****	*****	*****	*****	*****
0.300	-0.5233	-0.6410	-0.6405	-0.5680	-0.5362	*****	*****	*****	*****	*****
0.350	-0.5548	-0.6870	-0.7066	-0.6291	-0.5979	*****	*****	*****	*****	*****
0.400	-0.6099	-0.7809	-0.8372	-0.7348	-0.6974	*****	*****	*****	*****	*****
0.450	-0.7556	-0.9529	-1.0308	-0.8951	-0.8379	*****	*****	*****	*****	*****
0.500	-1.1038	-1.1851	-1.2711	-1.1021	-1.0361	*****	*****	*****	*****	*****
0.525	*****	-1.3135	-1.3808	-1.2110	-1.1421	*****	*****	*****	*****	*****
0.550	-1.4756	-1.4279	-1.4785	-1.3145	-1.0197	*****	*****	*****	*****	*****
0.575	*****	-1.5262	-1.5573	-1.4121	-0.7348	*****	*****	*****	*****	*****
0.600	-1.6962	-1.6062	-1.6289	-1.4921	-0.7066	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4774	-1.5615	-0.6959	*****	*****	*****	*****	*****
0.650	-1.7769	-1.3949	-1.4136	-1.2657	-0.6686	*****	*****	*****	*****	*****
0.675	*****	-1.3948	-1.4039	-1.2365	-0.6090	*****	*****	*****	*****	*****
0.700	-1.6448	-1.3949	-1.4036	-1.2221	-0.5532	*****	*****	*****	*****	*****
0.725	*****	-1.4044	*****	-1.2168	-0.5141	*****	*****	*****	*****	*****
0.750	-1.5183	-1.4281	*****	-1.2122	-0.5296	*****	*****	*****	*****	*****
0.775	*****	-1.4717	-1.4295	-1.2147	-0.5608	*****	*****	*****	*****	*****
0.800	-1.3928	-1.4713	-1.4433	-1.2317	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4160	-1.4306	-1.2499	-0.6324	*****	*****	*****	*****	*****
0.850	-1.3456	-1.3599	-1.3728	-1.2508	-0.6020	*****	*****	*****	*****	*****
0.875	*****	-1.3430	-1.3173	-1.1494	-0.5965	*****	*****	*****	*****	*****
0.900	-1.3112	-1.3464	-1.2904	-1.0418	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3481	-1.2843	-0.9832	-0.5885	*****	*****	*****	*****	*****
0.950	-1.2879	-1.3464	-1.2866	-0.9841	-0.5001	*****	*****	*****	*****	*****
0.975	*****	-1.3412	-1.2792	-0.9957	-0.4664	*****	*****	*****	*****	*****
1.000	-1.2668	-1.3388	-1.2779	-0.9802	-0.4374	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5425	0.4786	0.4530	*****	-0.5263	*****	*****	*****	*****	*****
-0.600	0.5398	0.4902	0.4247	0.2212	-0.5829	*****	*****	*****	*****	*****
-0.700	0.5465	0.4861	0.4172	0.2548	-0.5602	*****	*****	*****	*****	*****
-0.800	*****	0.4860	0.4180	0.2649	-0.5266	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4093	0.2818	-0.4436	*****	*****	*****	*****	*****
-0.900	0.4682	0.3841	0.3531	0.2673	-0.4130	*****	*****	*****	*****	*****
-0.950	0.3875	0.1458	0.2114	0.1821	-0.1231	*****	*****	*****	*****	*****
-0.975	*****	0.0323	0.0283	0.0345	-0.0873	*****	*****	*****	*****	*****
-1.000	-1.2826	-1.3285	-1.2800	-0.9430	-0.4591	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 35 , Point No. = 706
 $C_N = 1.115$, $C_m = -0.1890$
 $\alpha = 22.0^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.7 \times 10^6$



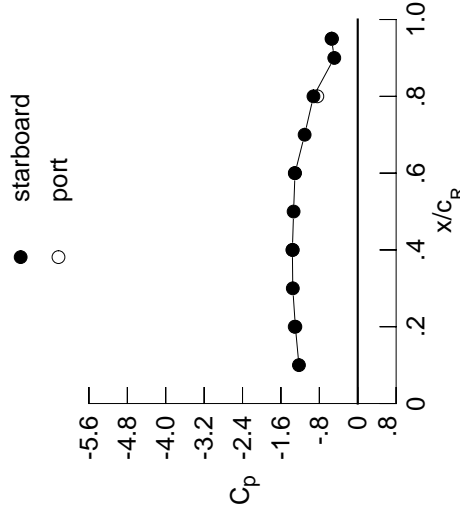
x/c_R	starb'd C_p	port C_p
0.10	-1.1948	*****
0.20	-1.2668	-1.2826
0.30	-1.2781	*****
0.40	-1.3388	-1.3285
0.50	-1.2945	*****
0.60	-1.2779	-1.2800
0.70	-0.9890	*****
0.80	-0.9802	-0.9430
0.90	-0.5043	*****
0.95	-0.4374	-0.4591

Table C2. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5556	-0.6371	-0.6182	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5642	-0.6406	-0.6202	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5713	-0.6486	-0.6254	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5775	-0.6522	-0.6401	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6769	-0.6592	-0.5111	-0.4624	*****	*****	*****	*****	*****
0.300	-0.5705	-0.7070	-0.7060	-0.5471	-0.5623	*****	*****	*****	*****	*****
0.350	-0.6131	-0.7710	-0.7837	-0.6198	-0.6309	*****	*****	*****	*****	*****
0.400	-0.7075	-0.8894	-0.9264	-0.7400	-0.7414	*****	*****	*****	*****	*****
0.450	-0.9127	-1.0749	-1.1232	-0.9189	-0.8935	*****	*****	*****	*****	*****
0.500	-1.2591	-1.2911	-1.3472	-1.1341	-1.0926	*****	*****	*****	*****	*****
0.525	*****	-1.4012	-1.4457	-1.2402	-1.1597	*****	*****	*****	*****	*****
0.550	-1.5575	-1.4972	-1.5340	-1.3418	-0.7545	*****	*****	*****	*****	*****
0.575	*****	-1.5782	-1.6023	-1.4331	-0.6976	*****	*****	*****	*****	*****
0.600	-1.7343	-1.6393	-1.6655	-1.5088	-0.6902	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4764	-1.5276	-0.6835	*****	*****	*****	*****	*****
0.650	-1.7140	-1.4325	-1.4495	-1.2335	-0.6544	*****	*****	*****	*****	*****
0.675	*****	-1.4458	-1.4425	-1.2177	-0.6027	*****	*****	*****	*****	*****
0.700	-1.6174	-1.4375	-1.4413	-1.2141	-0.5680	*****	*****	*****	*****	*****
0.725	*****	-1.4378	*****	-1.2106	-0.5601	*****	*****	*****	*****	*****
0.750	-1.5779	-1.4581	*****	-1.1959	-0.5937	*****	*****	*****	*****	*****
0.775	*****	-1.4955	-1.4802	-1.1989	-0.6330	*****	*****	*****	*****	*****
0.800	-1.4651	-1.4929	-1.5027	-1.2191	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4407	-1.4964	-1.2617	-0.6940	*****	*****	*****	*****	*****
0.850	-1.3845	-1.3944	-1.4292	-1.2903	-0.6685	*****	*****	*****	*****	*****
0.875	*****	-1.3753	-1.3590	-1.1629	-0.6730	*****	*****	*****	*****	*****
0.900	-1.3271	-1.3738	-1.3218	-1.0282	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3735	-1.3131	-0.9572	-0.7235	*****	*****	*****	*****	*****
0.950	-1.3154	-1.3695	-1.3138	-0.9530	-0.5814	*****	*****	*****	*****	*****
0.975	*****	-1.3661	-1.3082	-0.9507	-0.5591	*****	*****	*****	*****	*****
1.000	-1.2990	-1.3616	-1.3068	-0.9222	-0.5465	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5709	0.5039	0.4737	*****	-0.5144	*****	*****	*****	*****	*****
-0.600	0.5696	0.5146	0.4433	0.2399	-0.5688	*****	*****	*****	*****	*****
-0.700	0.5729	0.5100	0.4376	0.2707	-0.5448	*****	*****	*****	*****	*****
-0.800	*****	0.5086	0.4350	0.2800	-0.5132	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4254	0.2960	-0.4312	*****	*****	*****	*****	*****
-0.900	*****	0.4595	0.4054	0.2991	-0.4021	*****	*****	*****	*****	*****
-0.950	0.4802	0.3900	0.3597	0.2770	-0.3562	*****	*****	*****	*****	*****
-0.975	0.3939	0.1494	0.2070	0.1835	-0.1291	*****	*****	*****	*****	*****
-1.000	*****	0.0196	0.0149	0.0292	-0.1087	*****	*****	*****	*****	*****
	-1.3131	-1.3534	-1.3114	-0.8418	-0.5361	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 35 , Point No. = 707
 $C_N = 1.157$, $C_m = -0.1918$
 $\alpha = 23.0^\circ$, $M_\infty = 0.850$
 $R_{mac} = 11.7 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.2250	*****
0.20	-1.2990	-1.3131
0.30	-1.3530	*****
0.40	-1.3616	-1.3534
0.50	-1.3362	*****
0.60	-1.3068	-1.3114
0.70	-1.1064	*****
0.80	-0.9222	-0.8418
0.90	-0.4888	*****
0.95	-0.5465	-0.5361

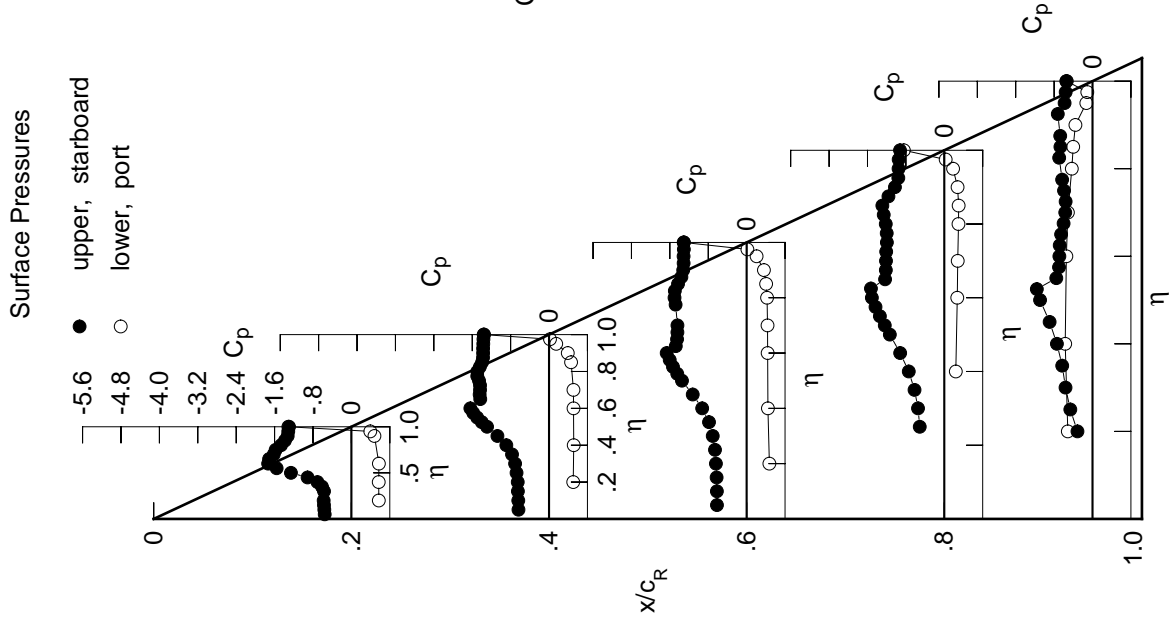
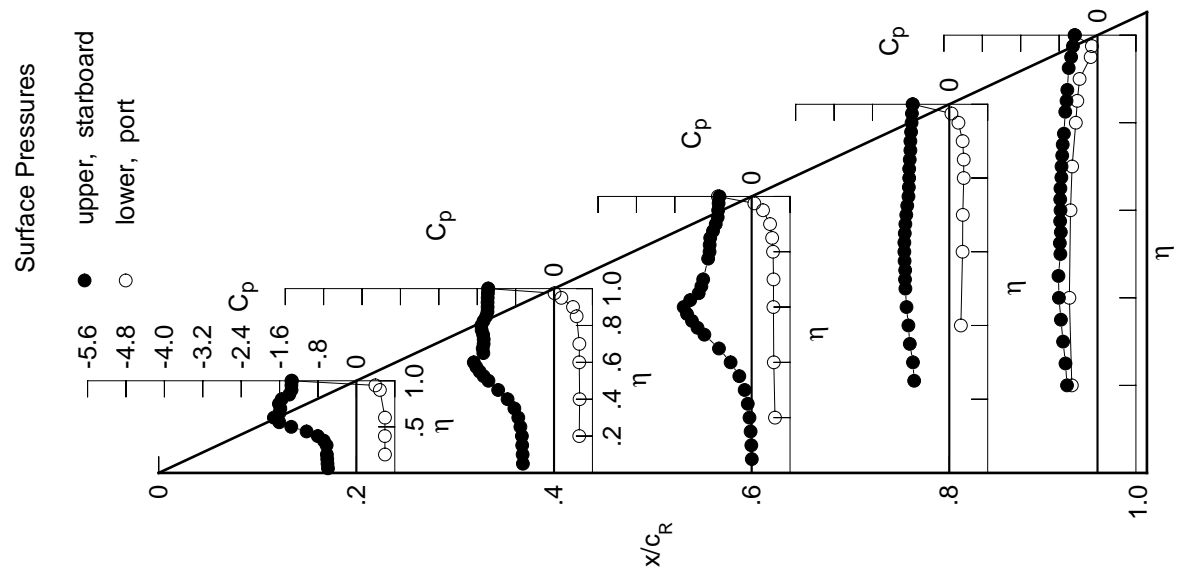
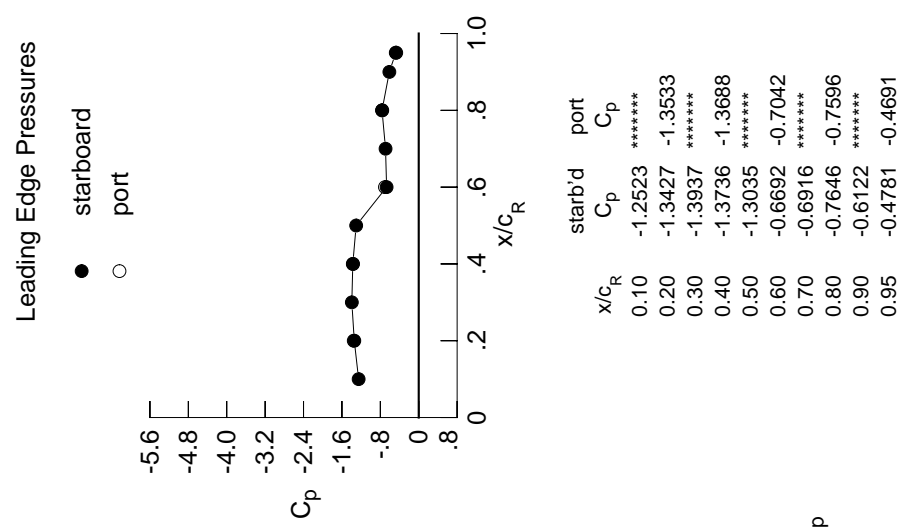


Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5917	-0.6491	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
0.100	-0.6015	-0.6540	-0.0065	-0.0065	-0.0065	-0.0065	-0.0065	-0.0065	-0.0065	-0.0065
0.150	-0.6068	-0.6629	-0.0217	-0.0217	-0.0217	-0.0217	-0.0217	-0.0217	-0.0217	-0.0217
0.200	-0.6153	-0.6698	-0.0450	-0.0450	-0.0450	-0.0450	-0.0450	-0.0450	-0.0450	-0.0450
0.250	*****	-0.7011	-0.0811	-0.7320	-0.0811	-0.7320	-0.0811	-0.7320	-0.0811	-0.7320
0.300	-0.6212	-0.7448	-0.1454	-0.7566	-0.1454	-0.7566	-0.1454	-0.7566	-0.1454	-0.7566
0.350	-0.6794	-0.8266	-0.2571	-0.8220	-0.2571	-0.8220	-0.2571	-0.8220	-0.2571	-0.8220
0.400	-0.8049	-0.9676	-0.4384	-0.8523	-0.4384	-0.8523	-0.4384	-0.8523	-0.4384	-0.8523
0.450	-1.0379	-1.1638	-0.6808	-0.8913	-0.6808	-0.8913	-0.6808	-0.8913	-0.6808	-0.8913
0.500	-1.3564	-1.3667	-0.9847	-0.9145	-0.9145	-0.7738	-0.9145	-0.7738	-0.9145	-0.7738
0.525	*****	-1.4671	-1.1282	-0.9228	-0.9228	-0.7847	-0.9228	-0.7847	-0.9228	-0.7847
0.550	-1.6063	-1.5495	-1.2429	-0.9190	-0.9190	-0.7640	-0.9190	-0.7640	-0.9190	-0.7640
0.575	*****	-1.6194	-1.3467	-0.9312	-0.9312	-0.7786	-0.9312	-0.7786	-0.9312	-0.7786
0.600	-1.7192	-1.6723	-1.4163	-0.9360	-0.9360	-0.7702	-0.9360	-0.7702	-0.9360	-0.7702
0.625	*****	*****	-1.2804	-0.9364	-0.9364	-0.7765	-0.9364	-0.7765	-0.9364	-0.7765
0.650	-1.6035	-1.4732	-1.1028	-0.9274	-0.9274	-0.7729	-0.9274	-0.7729	-0.9274	-0.7729
0.675	*****	-1.4857	-1.0470	-0.9153	-0.9153	-0.7527	-0.9153	-0.7527	-0.9153	-0.7527
0.700	-1.5845	-1.4676	-1.0099	-0.8961	-0.8961	-0.7499	-0.8961	-0.7499	-0.8961	-0.7499
0.725	*****	-1.4654	*****	-0.8762	-0.8762	-0.7349	-0.8762	-0.7349	-0.8762	-0.7349
0.750	-1.6142	-1.4776	*****	-0.8503	-0.8503	-0.7250	-0.8503	-0.7250	-0.8503	-0.7250
0.775	*****	-1.5079	-0.9066	-0.8421	-0.8421	-0.6997	-0.8421	-0.6997	-0.8421	-0.6997
0.800	-1.5568	-1.5146	-0.8772	-0.8359	-0.8359	*****	-0.8359	*****	-0.8359	*****
0.825	*****	-1.4682	-0.8746	-0.8357	-0.8357	-0.6721	-0.8357	-0.6721	-0.8357	-0.6721
0.850	-1.3983	-1.4126	-0.8630	-0.8238	-0.8238	-0.6459	-0.8238	-0.6459	-0.8238	-0.6459
0.875	*****	-1.3867	-0.8051	-0.8103	-0.8103	-0.6288	-0.8103	-0.6288	-0.8103	-0.6288
0.900	-1.3513	-1.3842	-0.7479	-0.8106	-0.8106	*****	-0.8106	*****	-0.8106	*****
0.925	*****	-1.3845	-0.7071	-0.7962	-0.7962	-0.6007	-0.7962	-0.6007	-0.7962	-0.6007
0.950	-1.3539	-1.3824	-0.6974	-0.7859	-0.7859	-0.5492	-0.7859	-0.5492	-0.7859	-0.5492
0.975	*****	-1.3782	-0.6879	-0.7786	-0.7786	-0.5118	-0.7786	-0.5118	-0.7786	-0.5118
1.000	-1.3427	-1.3736	-0.6692	-0.7646	-0.7646	-0.4781	-0.7646	-0.4781	-0.7646	-0.4781
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5954	0.5257	0.4867	0.4867	0.4867	0.4867	0.4867	0.4867	0.4867	0.4867
-0.600	0.5929	0.5328	0.4612	0.4612	0.4612	0.4612	0.4612	0.4612	0.4612	0.4612
-0.700	0.5953	0.5255	0.4536	0.4536	0.4536	0.4536	0.4536	0.4536	0.4536	0.4536
-0.800	*****	0.5272	0.4562	0.4562	0.4562	0.4562	0.4562	0.4562	0.4562	0.4562
-0.850	*****	0.4703	0.4269	0.4269	0.4269	0.4269	0.4269	0.4269	0.4269	0.4269
-0.900	0.4895	0.3949	0.3829	0.3829	0.3829	0.3829	0.3829	0.3829	0.3829	0.3829
-0.950	0.3957	0.1522	0.2365	0.2365	0.2365	0.2365	0.2365	0.2365	0.2365	0.2365
-0.975	*****	0.0101	0.0559	0.0446	0.0446	0.0446	0.0446	0.0446	0.0446	0.0446
-1.000	-1.3533	-1.3688	-0.7042	-0.7596	-0.7596	-0.4691	-0.7596	-0.4691	-0.7596	-0.4691

Small Radius L.E.
 Run No. = 35 , Point No. = 708
 $C_N = 1.090$, $C_m = -0.1760$
 $\alpha = 23.9^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.7 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.2523	*****
0.20	-1.3427	-1.3533
0.30	-1.3937	*****
0.40	-1.3736	-1.3688
0.50	-1.3035	*****
0.60	-0.6692	-0.7042
0.70	-0.6916	*****
0.80	-0.7646	-0.7596
0.90	-0.6122	*****
0.95	-0.4781	-0.4691

Table C2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6390	-0.6859	-0.0013	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6505	-0.6877	-0.0127	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6631	-0.7001	-0.0230	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6698	-0.7077	-0.0494	*****	*****	*****	*****	*****	*****	-0.6584
0.250	*****	-0.7491	0.0895	-0.9096	-0.9096	-0.9096	-0.9096	-0.9096	-0.9096	-0.7225
0.300	-0.6987	-0.7989	-0.1657	-0.9252	-0.9252	-0.9252	-0.9252	-0.9252	-0.9252	-0.7953
0.350	-0.7798	-0.8996	-0.2877	-0.9706	-0.9706	-0.9706	-0.9706	-0.9706	-0.9706	-0.8327
0.400	-0.9387	-1.0557	-0.4839	-0.9724	-0.9724	-0.9724	-0.9724	-0.9724	-0.9724	-0.8475
0.450	-1.1753	-1.2586	-0.7232	-0.9686	-0.9686	-0.9686	-0.9686	-0.9686	-0.9686	-0.8151
0.500	-1.4500	-1.4481	-1.0168	-0.9526	-0.9526	-0.9526	-0.9526	-0.9526	-0.9526	-0.7726
0.525	*****	-1.5378	-1.1468	-0.9533	-0.9533	-0.9533	-0.9533	-0.9533	-0.9533	-0.7846
0.550	-1.6519	-1.6094	-1.2531	-0.9461	-0.9461	-0.9461	-0.9461	-0.9461	-0.9461	-0.7765
0.575	*****	-1.6672	-1.3437	-0.9614	-0.9614	-0.9614	-0.9614	-0.9614	-0.9614	-0.7916
0.600	-1.5574	-1.7085	-1.4090	-0.9731	-0.9731	-0.9731	-0.9731	-0.9731	-0.9731	-0.7898
0.625	*****	*****	-1.2738	-0.9736	-0.9736	-0.9736	-0.9736	-0.9736	-0.9736	-0.7947
0.650	-1.5325	-1.5068	-1.0865	-0.9660	-0.9660	-0.9660	-0.9660	-0.9660	-0.9660	-0.7916
0.675	*****	-1.5298	-1.0115	-0.9605	-0.9605	-0.9605	-0.9605	-0.9605	-0.9605	-0.7686
0.700	-1.5372	-1.5163	-0.9660	-0.9478	-0.9478	-0.9478	-0.9478	-0.9478	-0.9478	-0.7687
0.725	*****	-1.5103	*****	-0.9375	-0.9375	-0.9375	-0.9375	-0.9375	-0.9375	-0.7556
0.750	-1.5959	-1.5253	*****	-0.9129	-0.9129	-0.9129	-0.9129	-0.9129	-0.9129	-0.7465
0.775	*****	-1.5621	-0.8391	-0.9085	-0.9085	-0.9085	-0.9085	-0.9085	-0.9085	-0.7195
0.800	-1.5227	-1.5845	-0.8132	-0.8962	-0.8962	-0.8962	-0.8962	-0.8962	-0.8962	*****
0.825	*****	-1.5368	-0.8188	-0.8960	-0.8960	-0.8960	-0.8960	-0.8960	-0.8960	-0.6886
0.850	-1.4366	-1.4565	-0.8130	-0.8784	-0.8784	-0.8784	-0.8784	-0.8784	-0.8784	-0.6628
0.875	*****	-1.4096	-0.7766	-0.8606	-0.8606	-0.8606	-0.8606	-0.8606	-0.8606	-0.6432
0.900	-1.4345	-1.4015	-0.7341	-0.8599	-0.8599	-0.8599	-0.8599	-0.8599	-0.8599	*****
0.925	*****	-1.4039	-0.7049	-0.8429	-0.8429	-0.8429	-0.8429	-0.8429	-0.8429	-0.6127
0.950	-1.4386	-1.4028	-0.6970	-0.8254	-0.8254	-0.8254	-0.8254	-0.8254	-0.8254	-0.5649
0.975	*****	-1.4004	-0.6863	-0.8093	-0.8093	-0.8093	-0.8093	-0.8093	-0.8093	-0.5265
1.000	-1.4249	-1.3982	-0.6640	-0.7911	-0.7911	-0.7911	-0.7911	-0.7911	-0.7911	-0.4892
$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6261	0.5512	0.5083	*****	*****	*****	*****	*****	*****	-0.5229
-0.400	0.6223	0.5577	0.4800	0.2594	-0.5732	-0.5732	-0.5732	-0.5732	-0.5732	-0.5732
-0.600	0.6208	0.5500	0.4743	0.2921	-0.5493	-0.5493	-0.5493	-0.5493	-0.5493	-0.5493
-0.700	*****	0.5462	0.4726	0.2984	-0.5174	-0.5174	-0.5174	-0.5174	-0.5174	-0.5174
-0.800	*****	*****	0.4606	0.3137	-0.4361	-0.4361	-0.4361	-0.4361	-0.4361	-0.4361
-0.850	*****	0.4823	0.4376	0.3125	-0.4090	-0.4090	-0.4090	-0.4090	-0.4090	-0.4090
-0.900	0.4989	0.4004	0.3873	0.2843	-0.3603	-0.3603	-0.3603	-0.3603	-0.3603	-0.3603
-0.950	0.3997	0.1506	0.2301	0.1851	-0.1404	-0.1404	-0.1404	-0.1404	-0.1404	-0.1404
-0.975	*****	-0.0033	0.0415	0.0295	-0.1235	-0.1235	-0.1235	-0.1235	-0.1235	-0.1235
-1.000	-1.4341	-1.4015	-0.7318	-0.7635	-0.4826	-0.4826	-0.4826	-0.4826	-0.4826	-0.4826

Small Radius L.E.

Run No. = 35 , Point No. = 709

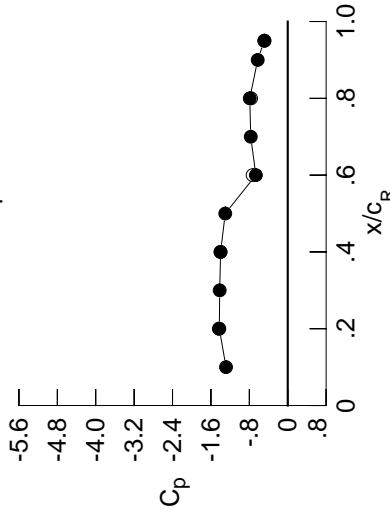
$C_N = 1.131$, $C_m = -0.1783$

$\alpha = 25.0^\circ$, $M_\infty = 0.850$

$R_{mac} = 11.7 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2853	*****
0.20	-1.4249	-1.4341
0.30	-1.4176	*****
0.40	-1.3982	-1.4015
0.50	-1.3016	*****
0.60	-0.6640	-0.7318
0.70	-0.7708	*****
0.80	-0.7911	-0.7635
0.90	-0.6252	*****
0.95	-0.4892	-0.4826

Surface Pressures

● upper, starboard
○ lower, port

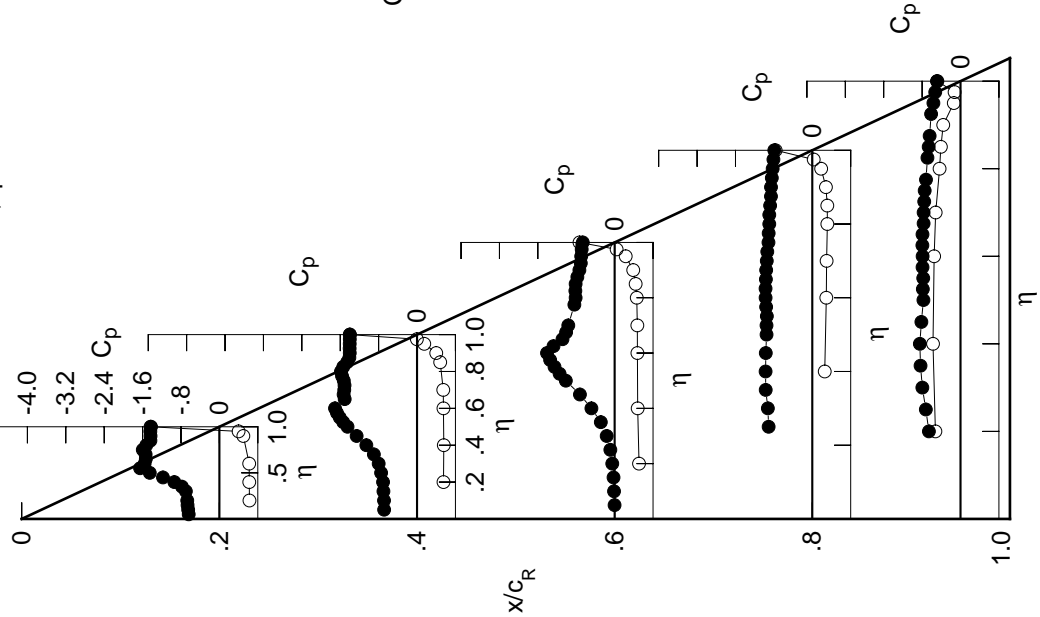


Table C2. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6988	-0.7373	-0.0359	*****	*****	*****	*****	*****	*****	*****
0.100	-0.7099	-0.7450	-0.0434	*****	*****	*****	*****	*****	*****	*****
0.150	-0.7231	-0.7542	-0.0498	*****	*****	*****	*****	*****	*****	*****
0.200	-0.7382	-0.7709	-0.0769	*****	*****	*****	*****	*****	*****	-0.7059
0.250	*****	-0.8148	-0.1177	-1.0676	-0.8063	*****	*****	*****	*****	-0.8063
0.300	-0.7967	-0.8793	-0.2021	-1.0696	-0.8840	*****	*****	*****	*****	-0.8840
0.350	-0.9018	-0.9848	-0.3315	-1.0806	-0.8914	*****	*****	*****	*****	-0.8914
0.400	-1.0834	-1.1449	-0.5310	-1.0462	-0.8563	*****	*****	*****	*****	-0.8563
0.450	-1.3061	-1.3372	-0.7702	-0.9987	-0.8112	*****	*****	*****	*****	-0.8112
0.500	-1.5345	-1.5116	-1.0411	-0.9618	-0.7785	*****	*****	*****	*****	-0.7785
0.525	*****	-1.5905	-1.1610	-0.9632	-0.8053	*****	*****	*****	*****	-0.8053
0.550	-1.6962	-1.6528	-1.2563	-0.9625	-0.8026	*****	*****	*****	*****	-0.8026
0.575	*****	-1.7036	-1.3400	-0.9882	-0.8201	*****	*****	*****	*****	-0.8201
0.600	-1.5623	-1.7275	-1.3916	-1.0073	-0.8168	*****	*****	*****	*****	-0.8168
0.625	*****	*****	-1.2158	-1.0052	-0.8229	*****	*****	*****	*****	-0.8229
0.650	-1.5506	-1.5348	-1.0446	-1.0021	-0.8219	*****	*****	*****	*****	-0.8219
0.675	*****	-1.5633	-0.9892	-1.0069	-0.8014	*****	*****	*****	*****	-0.8014
0.700	-1.5541	-1.5509	-0.9397	-1.0053	-0.7976	*****	*****	*****	*****	-0.7976
0.725	*****	-1.5515	*****	-0.9943	-0.7882	*****	*****	*****	*****	-0.7882
0.750	-1.5924	-1.5626	*****	-0.9681	-0.7789	*****	*****	*****	*****	-0.7789
0.775	*****	-1.6111	-0.8006	-0.9636	-0.7541	*****	*****	*****	*****	-0.7541
0.800	-1.5229	-1.6511	-0.7834	-0.9524	*****	*****	*****	*****	*****	-0.7834
0.825	*****	-1.5911	-0.7833	-0.9490	-0.7204	*****	*****	*****	*****	-0.7204
0.850	-1.4875	-1.4868	-0.7893	-0.9273	-0.6891	*****	*****	*****	*****	-0.6891
0.875	*****	-1.4312	-0.7828	-0.9074	-0.6710	*****	*****	*****	*****	-0.6710
0.900	-1.4802	-1.4320	-0.7661	-0.9057	*****	*****	*****	*****	*****	-0.9057
0.925	*****	-1.4416	-0.7398	-0.8880	-0.6373	*****	*****	*****	*****	-0.6373
0.950	-1.4832	-1.4428	-0.7339	-0.8669	-0.5919	*****	*****	*****	*****	-0.5919
0.975	*****	-1.4401	-0.7283	-0.8468	-0.5509	*****	*****	*****	*****	-0.5509
1.000	-1.4698	-1.4404	-0.7102	-0.8239	-0.5099	*****	*****	*****	*****	-0.5099
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.6531	0.5741	0.5273	*****	*****	*****	*****	*****	*****	-0.5186
-0.600	0.6478	0.5805	0.4968	0.2741	-0.5640	*****	*****	*****	*****	-0.5640
-0.700	0.6437	0.5710	0.4887	0.3046	-0.5437	*****	*****	*****	*****	-0.5437
-0.800	*****	0.5629	0.4881	0.3100	-0.5083	*****	*****	*****	*****	-0.5083
-0.850	*****	*****	0.4720	0.3235	-0.4308	*****	*****	*****	*****	-0.4308
-0.900	*****	0.4909	0.4442	0.3197	-0.4040	*****	*****	*****	*****	-0.4040
-0.950	0.5072	0.4012	0.3883	0.2866	-0.3541	*****	*****	*****	*****	-0.3541
-0.975	0.4004	0.1430	0.2178	0.1771	-0.1450	*****	*****	*****	*****	-0.1450
-1.000	*****	-0.0187	0.0174	0.0165	-0.1363	*****	*****	*****	*****	-0.1363
-1.000	-1.4970	-1.4394	-0.8096	-0.7524	-0.5092	*****	*****	*****	*****	-0.5092

Small Radius L.E.
 Run No. = 35 , Point No. = 710
 $C_N = 1.167$, $C_m = -0.1798$
 $\alpha = 26.0^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.7 \times 10^6$

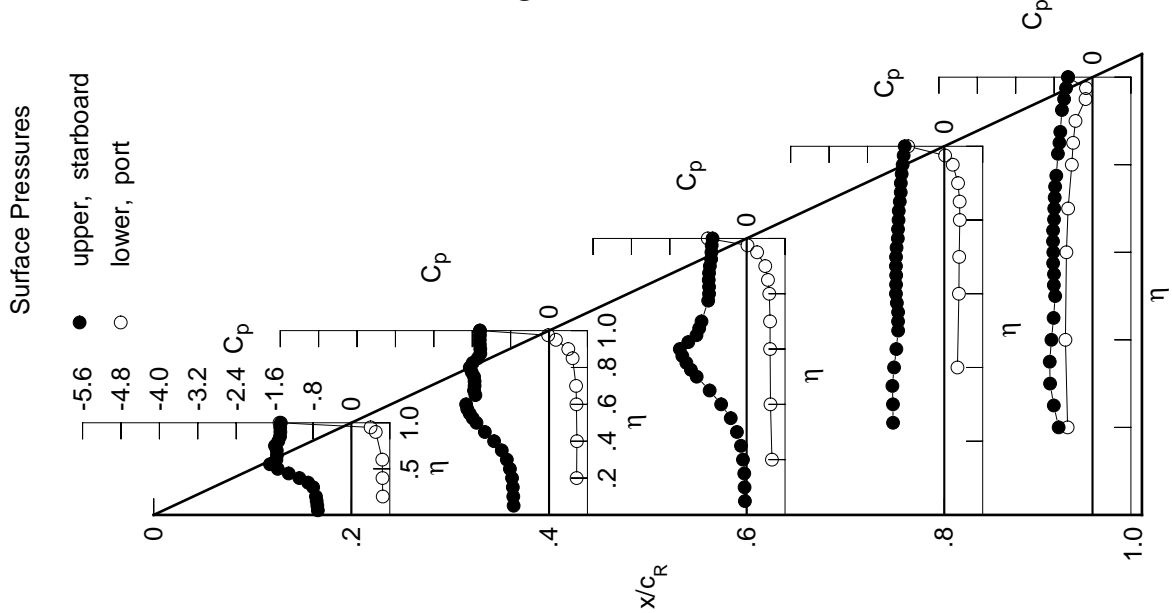
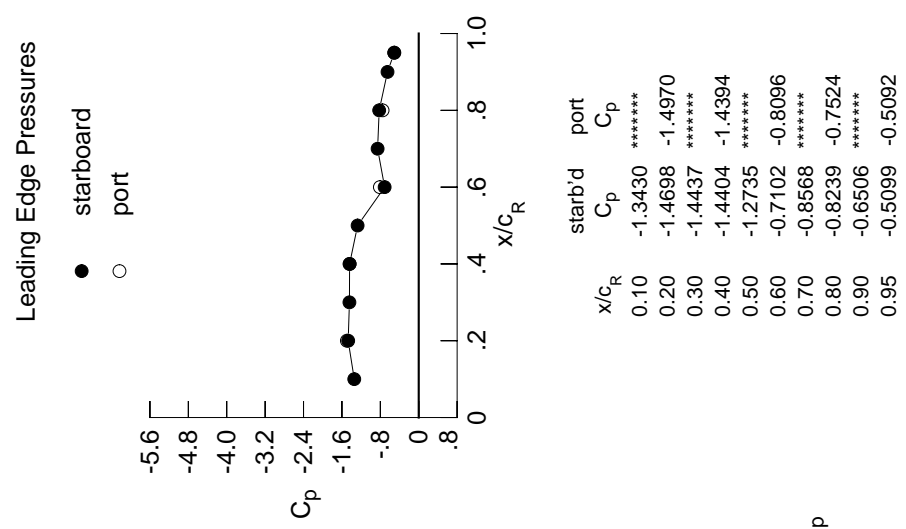


Table C2. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.7271	-0.7638	-0.2272	*****	*****
0.100	-0.7310	-0.7706	-0.2275	*****	*****
0.150	-0.7491	-0.7846	-0.2228	*****	*****
0.200	-0.7696	-0.8063	-0.2430	*****	-0.7734
0.250	*****	-0.8559	-0.2792	-1.0549	-0.8570
0.300	-0.8562	-0.9299	-0.3568	-1.0296	-0.9122
0.350	-0.9868	-1.0442	-0.4806	-1.0075	-0.8858
0.400	-1.1866	-1.2051	-0.6642	-0.9525	-0.8305
0.450	-1.3972	-1.3841	-0.8637	-0.9125	-0.7904
0.500	-1.5915	-1.5423	-1.0906	-0.9120	-0.7742
0.525	*****	-1.6103	-1.1820	-0.9308	-0.8018
0.550	-1.7221	-1.6681	-1.2480	-0.9483	-0.8008
0.575	*****	-1.7106	-1.2911	-0.9805	-0.8212
0.600	-1.5924	-1.6937	-1.2898	-1.0050	-0.8196
0.625	*****	*****	-1.0922	-1.0092	-0.8286
0.650	-1.5805	-1.5401	-0.9984	-1.0091	-0.8242
0.675	*****	-1.5744	-0.9873	-1.0167	-0.8057
0.700	-1.5793	-1.5662	-0.9885	-1.0059	-0.8008
0.725	*****	-1.5683	*****	-0.9942	-0.7911
0.750	-1.6143	-1.5794	*****	-0.9715	-0.7801
0.775	*****	-1.6271	-0.8966	-0.9682	-0.7544
0.800	-1.5518	-1.6715	-0.8629	-0.9581	*****
0.825	*****	-1.6115	-0.8440	-0.9572	-0.7239
0.850	-1.4947	-1.5111	-0.8333	-0.9374	-0.6952
0.875	*****	-1.4601	-0.8333	-0.9192	-0.6753
0.900	-1.4846	-1.4575	-0.8313	-0.9148	*****
0.925	*****	-1.4722	-0.8194	-0.8988	-0.6442
0.950	-1.4906	-1.4743	-0.8184	-0.8800	-0.6056
0.975	*****	-1.4714	-0.8218	-0.8594	-0.5662
1.000	-1.4790	-1.4737	-0.8065	-0.8330	-0.5242
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6843	0.5986	0.5494	*****	-0.4988
-0.400	0.6771	0.6072	0.5181	0.2948	-0.5449
-0.600	0.6696	0.5964	0.5109	0.3238	-0.5219
-0.700	*****	0.5883	0.5063	0.3270	-0.4897
-0.800	*****	*****	0.4881	0.3390	-0.4102
-0.850	*****	0.5053	0.4586	0.3348	-0.3846
-0.900	0.5191	0.4097	0.3962	0.2968	-0.3370
-0.950	0.4075	0.1497	0.2167	0.1800	-0.1372
-0.975	*****	-0.0245	0.0107	0.0116	-0.1389
-1.000	-1.5054	-1.4496	-0.8484	-0.7394	-0.5283

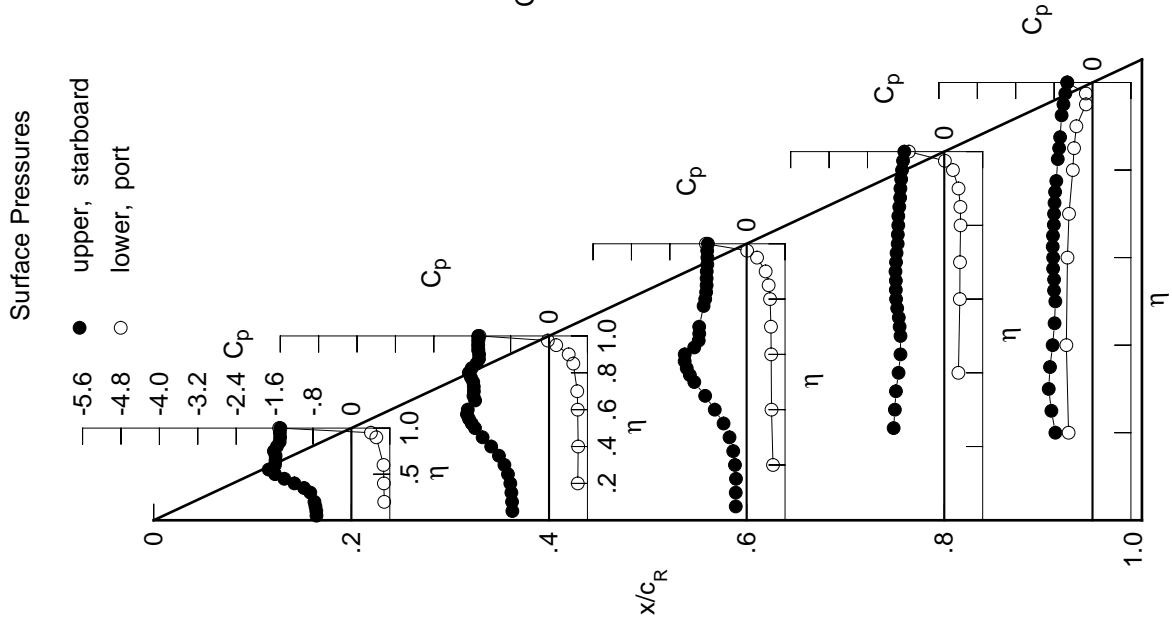
Small Radius L.E.

Run No. = 35, Point No. = 711

$C_N = 1.204$, $C_m = -0.1893$

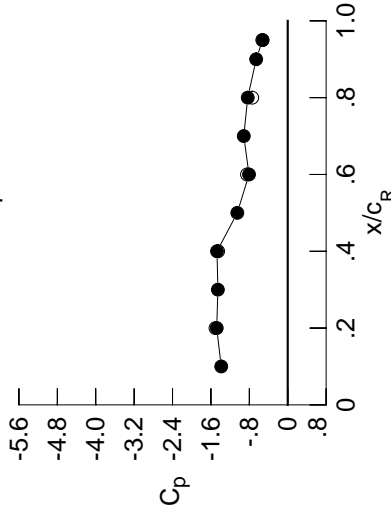
$\alpha = 27.0^\circ$, $M_\infty = 0.850$

$R_{mac} = 11.7 \times 10^6$



Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.3855	*****
0.20	-1.4790	-1.5054
0.30	-1.4554	*****
0.40	-1.4737	-1.4496
0.50	-1.0508	*****
0.60	-0.8065	-0.8484
0.70	-0.9160	*****
0.80	-0.8330	-0.7394
0.90	-0.6573	*****
0.95	-0.5242	-0.5283

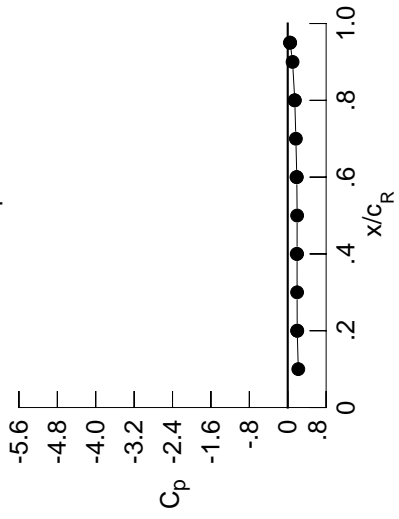
Table C2. Concluded.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0247	-0.0057	0.1213	*****	0.1213	*****	0.1213	*****	0.1213	*****
0.100	-0.0224	-0.0076	0.1124	*****	0.1124	*****	0.1124	*****	0.1124	*****
0.150	-0.0231	-0.0060	0.1016	*****	0.1016	*****	0.1016	*****	0.1016	*****
0.200	-0.0262	-0.0061	0.0861	*****	0.0861	*****	0.0861	*****	0.0861	*****
0.250	*****	-0.0051	0.0732	-0.1441	0.0732	-0.1441	0.0732	-0.1441	0.0732	-0.3520
0.300	-0.0332	-0.0092	0.0629	-0.1284	0.0629	-0.1284	0.0629	-0.1284	0.0629	-0.3922
0.350	-0.0440	-0.0119	0.0522	-0.1166	0.0522	-0.1166	0.0522	-0.1166	0.0522	-0.4493
0.400	-0.0461	-0.0135	0.0427	-0.1046	0.0427	-0.1046	0.0427	-0.1046	0.0427	-0.5016
0.450	-0.0559	-0.0163	0.0426	-0.0993	0.0426	-0.0993	0.0426	-0.0993	0.0426	-0.5128
0.500	-0.0564	-0.0213	0.0251	-0.0936	0.0251	-0.0936	0.0251	-0.0936	0.0251	-0.5160
0.525	*****	-0.0235	0.0219	-0.0939	0.0219	-0.0939	0.0219	-0.0939	0.0219	-0.5292
0.550	-0.0653	-0.0280	0.0187	-0.0915	0.0187	-0.0915	0.0187	-0.0915	0.0187	-0.5298
0.575	*****	-0.0306	0.0192	-0.0890	0.0192	-0.0890	0.0192	-0.0890	0.0192	-0.5483
0.600	-0.0677	-0.0317	0.0091	-0.0889	0.0091	-0.0889	0.0091	-0.0889	0.0091	-0.5632
0.625	*****	*****	0.0110	-0.0817	0.0110	-0.0817	0.0110	-0.0817	0.0110	-0.5865
0.650	-0.0636	-0.0351	0.0088	-0.0812	0.0088	-0.0812	0.0088	-0.0812	0.0088	-0.6257
0.675	*****	-0.0422	-0.0030	-0.0810	-0.0030	-0.0810	-0.0030	-0.0810	-0.0030	-0.6528
0.700	-0.0580	-0.0520	-0.0059	-0.0825	-0.0059	-0.0825	-0.0059	-0.0825	-0.0059	-0.6831
0.725	*****	-0.0598	*****	-0.0874	-0.0874	-0.7187	*****	*****	*****	*****
0.750	-0.0425	-0.0658	*****	-0.0888	-0.0888	-0.7332	*****	*****	*****	*****
0.775	*****	-0.0710	-0.0312	-0.0912	-0.0912	-0.7268	*****	*****	*****	*****
0.800	-0.0332	-0.0744	-0.0392	-0.0972	-0.0392	-0.0972	*****	*****	*****	*****
0.825	*****	-0.0752	-0.0551	-0.1004	-0.1004	-0.5902	*****	*****	*****	*****
0.850	-0.0101	-0.0675	-0.0665	-0.1119	-0.1119	-0.6320	*****	*****	*****	*****
0.875	*****	-0.0532	-0.0697	-0.1279	-0.1279	-0.7822	*****	*****	*****	*****
0.900	0.0274	-0.0462	-0.0621	-0.1342	-0.1342	*****	*****	*****	*****	*****
0.925	*****	-0.0190	-0.0483	-0.1228	-0.1228	-0.9462	*****	*****	*****	*****
0.950	0.0738	0.0151	-0.0195	-0.1011	-0.1011	-0.3579	*****	*****	*****	*****
0.975	*****	0.0590	0.0422	-0.0353	-0.2156	*****	*****	*****	*****	*****
1.000	0.1974	0.1947	0.1889	0.1470	0.1470	0.0503	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0245	-0.0032	0.0827	*****	0.0827	*****	-0.3637	*****	-0.3637	*****
-0.400	-0.0527	-0.0061	0.0390	-0.1036	0.0390	-0.1036	-0.4673	*****	-0.4673	*****
-0.600	-0.0775	-0.0242	0.0120	-0.0894	0.0120	-0.0894	-0.5646	*****	-0.5646	*****
-0.700	*****	-0.0600	-0.0115	-0.0843	-0.0843	-0.6726	*****	*****	-0.6726	*****
-0.800	*****	*****	-0.0564	-0.0982	-0.0982	-0.6733	*****	*****	-0.6733	*****
-0.850	*****	-0.0775	-0.0788	-0.1306	-0.1306	-0.6736	*****	*****	-0.6736	*****
-0.900	-0.0204	-0.0558	-0.0789	-0.1490	-0.1490	-0.8948	*****	*****	-0.8948	*****
-0.950	0.0165	0.0116	-0.0317	-0.1218	-0.1218	-0.3794	*****	*****	-0.3794	*****
-0.975	*****	0.0697	0.0238	-0.0521	-0.2342	*****	*****	*****	-0.2342	*****
-1.000	0.1975	0.1874	0.1820	0.1436	0.1436	0.0471	*****	*****	0.0471	*****

Small Radius L.E.
 Run No. = 35 , Point No. = 712
 $C_N = -0.0003$, $C_m = -0.0018$
 $\alpha = 0.0^\circ$, $M_\infty = 0.851$
 $R_{mac} = 11.6 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2199	*****
0.20	0.1974	0.1975
0.30	0.1949	*****
0.40	0.1947	0.1874
0.50	0.1957	*****
0.60	0.1889	0.1820
0.70	0.1694	*****
0.80	0.1470	0.1436
0.90	0.1008	*****
0.95	0.0503	0.0471

Surface Pressures

● upper, starboard
 ○ lower, port

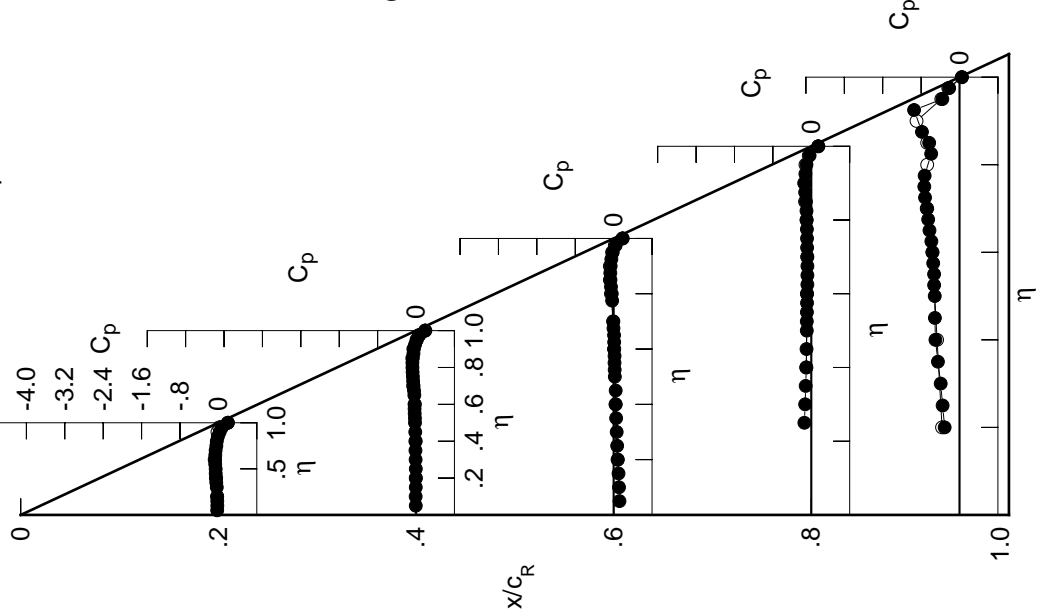
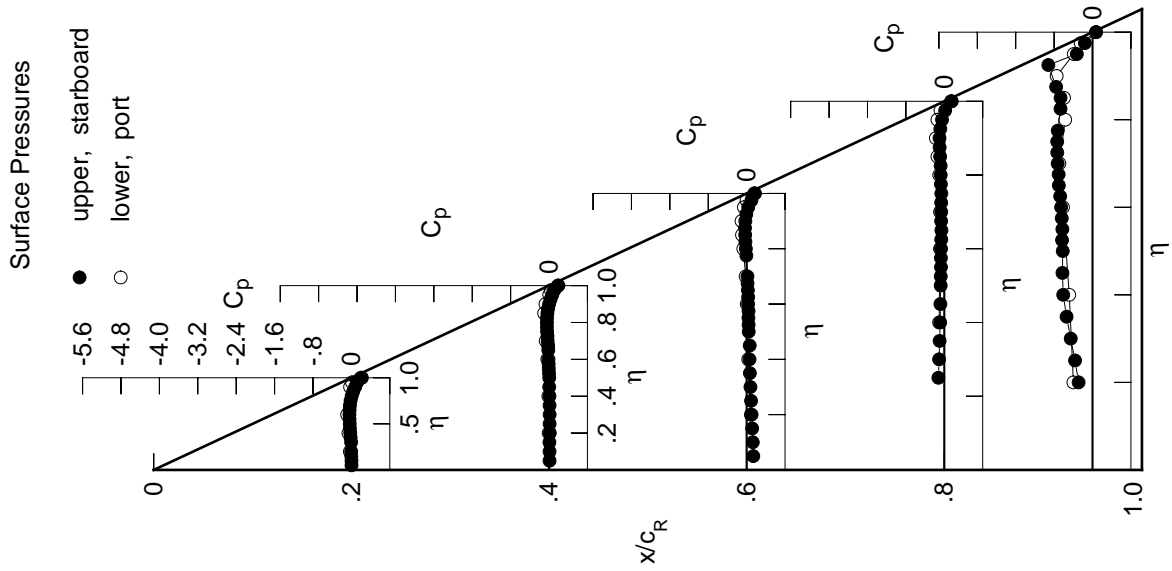


Table C3. Tabulations and Plots of Surface Pressure Coefficients.

η	x/c_R .2	$C_{p,u}$	x/c_R .4	$C_{p,u}$	x/c_R .6	$C_{p,u}$	x/c_R .8	$C_{p,u}$	x/c_R .95
0.050		0.0027	0.0105	0.1384	0.1384	0.1384	0.1384	0.1384	0.1384
0.100		0.0023	0.0103	0.1278	0.1278	0.1278	0.1278	0.1278	0.1278
0.150		-0.0021	0.0078	0.1145	0.1145	0.1145	0.1145	0.1145	0.1145
0.200		-0.0038	0.0158	0.1032	0.1032	0.1032	0.1032	0.1032	0.1032
0.250		*****	0.0120	0.0917	-0.1231	-0.3642	-0.3642	-0.3642	-0.3642
0.300		-0.0057	0.0126	0.0796	-0.1081	-0.4539	-0.4539	-0.4539	-0.4539
0.350		-0.0163	0.0113	0.0675	-0.0974	-0.5401	-0.5401	-0.5401	-0.5401
0.400		-0.0233	0.0089	0.0599	-0.0855	-0.6105	-0.6105	-0.6105	-0.6105
0.450		-0.0302	0.0039	0.0638	-0.0809	-0.6264	-0.6264	-0.6264	-0.6264
0.500		-0.0342	0.0048	0.0434	-0.0751	-0.6204	-0.6204	-0.6204	-0.6204
0.525		*****	-0.0004	0.0405	-0.0737	-0.6347	-0.6347	-0.6347	-0.6347
0.550		-0.0386	-0.0059	0.0368	-0.0688	-0.6280	-0.6280	-0.6280	-0.6280
0.575		*****	-0.0084	0.0391	-0.0706	-0.6406	-0.6406	-0.6406	-0.6406
0.600		-0.0407	-0.0118	0.0301	-0.0682	-0.6535	-0.6535	-0.6535	-0.6535
0.625		*****	*****	0.0318	-0.0629	-0.6732	-0.6732	-0.6732	-0.6732
0.650		-0.0368	-0.0149	0.0257	-0.0599	-0.7015	-0.7015	-0.7015	-0.7015
0.675		*****	-0.0187	0.0185	-0.0653	-0.7060	-0.7060	-0.7060	-0.7060
0.700		-0.0304	-0.0286	0.0167	-0.0640	-0.7258	-0.7258	-0.7258	-0.7258
0.725		*****	-0.0322	*****	-0.0645	-0.7335	-0.7335	-0.7335	-0.7335
0.750		-0.0179	-0.0401	*****	-0.0612	-0.7352	-0.7352	-0.7352	-0.7352
0.775		*****	-0.0441	-0.0058	-0.0705	-0.7240	-0.7240	-0.7240	-0.7240
0.800		0.0059	-0.0443	-0.0158	-0.0744	*****	*****	*****	*****
0.825		*****	-0.0423	-0.0259	-0.0757	-0.6663	-0.6663	-0.6663	-0.6663
0.850		0.0365	-0.0342	-0.0302	-0.0866	-0.6656	-0.6656	-0.6656	-0.6656
0.875		*****	-0.0189	-0.0347	-0.0967	-0.7579	-0.7579	-0.7579	-0.7579
0.900		0.0795	0.0017	-0.0271	-0.0997	*****	*****	*****	*****
0.925		*****	0.0309	-0.0060	-0.0829	-0.9201	-0.9201	-0.9201	-0.9201
0.950		0.1187	0.0667	0.0333	-0.0476	-0.3264	-0.3264	-0.3264	-0.3264
0.975		*****	0.1108	0.0999	0.0175	-0.1594	-0.1594	-0.1594	-0.1594
1.000		0.2182	0.1953	0.1743	0.1561	0.0726	0.0726	0.0726	0.0726
-0.200		-0.0313	-0.0077	0.0883	*****	-0.3982	-0.3982	-0.3982	-0.3982
-0.400		-0.0608	-0.0138	0.0338	-0.1077	-0.4845	-0.4845	-0.4845	-0.4845
-0.600		-0.0879	-0.0362	0.0012	-0.0897	-0.6151	-0.6151	-0.6151	-0.6151
-0.700		*****	-0.0696	-0.0206	-0.0879	-0.6900	-0.6900	-0.6900	-0.6900
-0.800		*****	*****	-0.0685	-0.1050	-0.5692	-0.5692	-0.5692	-0.5692
-0.850		*****	-0.1020	-0.0968	-0.1420	-0.5934	-0.5934	-0.5934	-0.5934
-0.900		-0.0269	-0.0744	-0.1061	-0.1749	-0.7475	-0.7475	-0.7475	-0.7475
-0.950		0.0119	0.0038	-0.0573	-0.1435	-0.3903	-0.3903	-0.3903	-0.3903
-0.975		*****	0.0375	-0.0027	-0.0793	-0.2465	-0.2465	-0.2465	-0.2465
-1.000		0.1953	0.1836	0.1559	0.1396	0.0733	0.0733	0.0733	0.0733

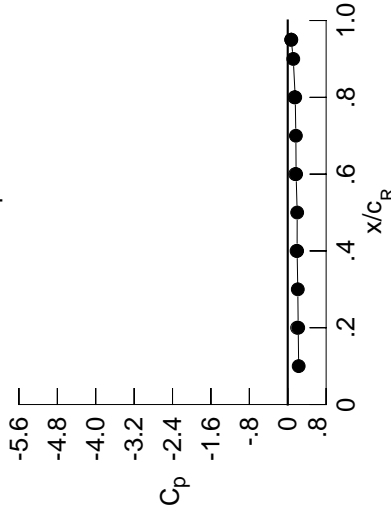
Small Radius L.E.
 Run No. = 53, Point No. = 1137
 $C_N = -0.012$, $C_m = -0.0120$
 $\alpha = -0.7^\circ$, $M_\infty = 0.848$
 $R_{mac} = 24.1 \times 10^6$

Surface Pressures
 ● upper, starboard
 ○ lower, port



Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2279	*****
0.20	0.2182	0.1953
0.30	0.2096	*****
0.40	0.1953	0.1836
0.50	0.1969	*****
0.60	0.1743	0.1559
0.70	0.1694	*****
0.80	0.1561	0.1396
0.90	0.1153	*****
0.95	0.0726	0.0733

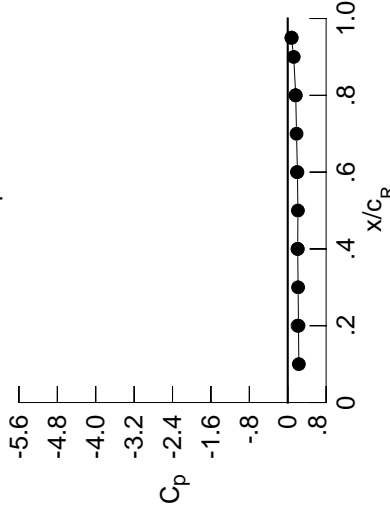
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	0.0004	0.0071	0.1361	*****	*****	*****	*****	*****	*****	
0.100	0.0007	0.0074	0.1270	*****	*****	*****	*****	*****	*****	
0.150	-0.0058	0.0039	0.1129	*****	*****	*****	*****	*****	*****	
0.200	-0.0075	0.0114	0.1017	*****	*****	*****	*****	*****	*****	
0.250	*****	0.0078	0.0898	-0.1230	-0.3624	*****	*****	*****	*****	
0.300	-0.0095	0.0093	0.0806	-0.1101	-0.4531	*****	*****	*****	*****	
0.350	-0.0207	0.0079	0.0642	-0.0991	-0.5462	*****	*****	*****	*****	
0.400	-0.0278	0.0047	0.0584	-0.0873	-0.6146	*****	*****	*****	*****	
0.450	-0.0354	-0.0002	0.0622	-0.0822	-0.6217	*****	*****	*****	*****	
0.500	-0.0392	0.0033	0.0424	-0.0759	-0.6117	*****	*****	*****	*****	
0.525	*****	-0.0028	0.0383	-0.0739	-0.6204	*****	*****	*****	*****	
0.550	-0.0444	-0.0117	0.0345	-0.0701	-0.6117	*****	*****	*****	*****	
0.575	*****	-0.0130	0.0374	-0.0734	-0.6236	*****	*****	*****	*****	
0.600	-0.0468	-0.0166	0.0268	-0.0711	-0.6379	*****	*****	*****	*****	
0.625	*****	*****	0.0284	-0.0664	-0.6624	*****	*****	*****	*****	
0.650	-0.0450	-0.0243	0.0219	-0.0653	-0.6906	*****	*****	*****	*****	
0.675	*****	-0.0278	0.0159	-0.0715	-0.6988	*****	*****	*****	*****	
0.700	-0.0390	-0.0374	0.0120	-0.0673	-0.7204	*****	*****	*****	*****	
0.725	*****	-0.0399	*****	-0.0704	-0.7321	*****	*****	*****	*****	
0.750	-0.0302	-0.0520	*****	-0.0690	-0.7352	*****	*****	*****	*****	
0.775	*****	-0.0558	-0.0145	-0.0784	-0.7233	*****	*****	*****	*****	
0.800	-0.0063	-0.0565	-0.0257	-0.0840	*****	*****	*****	*****	*****	
0.825	*****	-0.0544	-0.0365	-0.0817	-0.6490	*****	*****	*****	*****	
0.850	0.0273	-0.0496	-0.0418	-0.0967	-0.6615	*****	*****	*****	*****	
0.875	*****	-0.0328	-0.0484	-0.1096	-0.7615	*****	*****	*****	*****	
0.900	0.0689	-0.0137	-0.0421	-0.1130	*****	*****	*****	*****	*****	
0.925	*****	0.0159	-0.0234	-0.0988	-0.9173	*****	*****	*****	*****	
0.950	0.1068	0.0528	0.0145	-0.0664	-0.3363	*****	*****	*****	*****	
0.975	*****	0.0941	0.0811	-0.0024	-0.1736	*****	*****	*****	*****	
1.000	0.2243	0.2082	0.2019	0.1664	0.0766	*****	*****	*****	*****	
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0261	-0.0025	0.0922	*****	-0.4026	*****	*****	*****	*****	
-0.400	-0.0501	-0.0066	0.0391	-0.1020	-0.5015	*****	*****	*****	*****	
-0.600	-0.0743	-0.0268	0.0112	-0.0858	-0.6324	*****	*****	*****	*****	
-0.700	*****	-0.0574	-0.0133	-0.0812	-0.7030	*****	*****	*****	*****	
-0.800	*****	*****	-0.0553	-0.0967	-0.6155	*****	*****	*****	*****	
-0.850	*****	-0.0837	-0.0799	-0.1288	-0.6342	*****	*****	*****	*****	
-0.900	-0.0098	-0.0518	-0.0846	-0.1546	-0.8030	*****	*****	*****	*****	
-0.950	0.0287	0.0189	-0.0316	-0.1188	-0.3729	*****	*****	*****	*****	
-0.975	*****	0.0617	0.0255	-0.0521	-0.2254	*****	*****	*****	*****	
-1.000	0.2046	0.2042	0.1912	0.1610	0.0824	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 53, Point No. = 1138
 $C_N = 0.001$, $C_m = -0.0132$
 $\alpha = -0.4^\circ$, $M_\infty = 0.849$
 $R_{mac} = 24.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2310	*****
0.20	0.2243	0.2046
0.30	0.2157	*****
0.40	0.2082	0.2042
0.50	0.2122	*****
0.60	0.2019	0.1912
0.70	0.1834	*****
0.80	0.1664	0.1610
0.90	0.1245	*****
0.95	0.0766	0.0824

Surface Pressures

● upper, starboard
 ○ lower, port

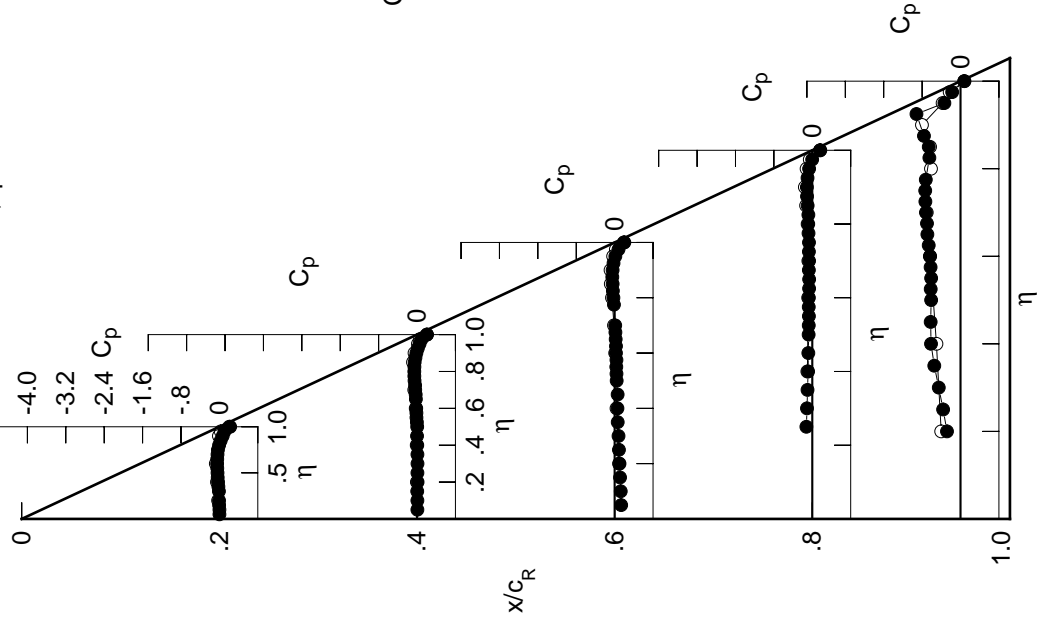


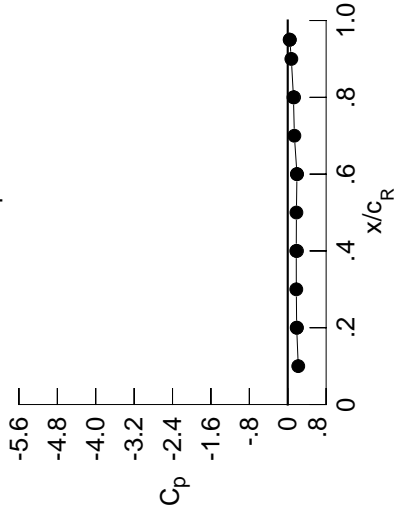
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0225	-0.0135	0.1189	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0242	-0.0147	0.1072	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0309	-0.0156	0.0945	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0311	-0.0085	0.0818	*****	*****	*****	*****	*****	*****	-0.2768
0.250	*****	-0.0147	0.0727	-0.1433	-0.3540	*****	*****	*****	*****	*****
0.300	-0.0346	-0.0133	0.0592	-0.1280	-0.4296	*****	*****	*****	*****	*****
0.350	-0.0454	-0.0169	0.0460	-0.1182	-0.5085	*****	*****	*****	*****	*****
0.400	-0.0554	-0.0194	0.0391	-0.1061	-0.5732	*****	*****	*****	*****	*****
0.450	-0.0651	-0.0265	0.0416	-0.1016	-0.5850	*****	*****	*****	*****	*****
0.500	-0.0715	-0.0239	0.0197	-0.0970	-0.5660	*****	*****	*****	*****	*****
0.525	*****	-0.0317	0.0150	-0.0962	-0.5789	*****	*****	*****	*****	*****
0.550	-0.0770	-0.0384	0.0119	-0.0931	-0.5703	*****	*****	*****	*****	*****
0.575	*****	-0.0405	0.0128	-0.0937	-0.5837	*****	*****	*****	*****	*****
0.600	-0.0821	-0.0433	0.0034	-0.0936	-0.5982	*****	*****	*****	*****	*****
0.625	*****	*****	0.0035	-0.0885	-0.6262	*****	*****	*****	*****	*****
0.650	-0.0818	-0.0512	-0.0045	-0.0873	-0.6645	*****	*****	*****	*****	*****
0.675	*****	-0.0588	-0.0115	-0.0923	-0.6830	*****	*****	*****	*****	*****
0.700	-0.0772	-0.0694	-0.0167	-0.0907	-0.7091	*****	*****	*****	*****	*****
0.725	*****	-0.0764	*****	-0.0944	-0.7278	*****	*****	*****	*****	*****
0.750	-0.0678	-0.0871	*****	-0.0929	-0.7345	*****	*****	*****	*****	*****
0.775	*****	-0.0942	-0.0449	-0.1030	-0.7006	*****	*****	*****	*****	*****
0.800	-0.0465	-0.0993	-0.0612	-0.1143	*****	*****	*****	*****	*****	*****
0.825	*****	-0.1001	-0.0751	-0.1146	-0.5704	*****	*****	*****	*****	*****
0.850	-0.0172	-0.0971	-0.0870	-0.1337	-0.6264	*****	*****	*****	*****	*****
0.875	*****	-0.0854	-0.0985	-0.1519	-0.7881	*****	*****	*****	*****	*****
0.900	0.0283	-0.0679	-0.0973	-0.1649	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0402	-0.0836	-0.1579	-0.9348	*****	*****	*****	*****	*****
0.950	0.0474	-0.0053	-0.0493	-0.1317	-0.3760	*****	*****	*****	*****	*****
0.975	*****	0.0280	0.0140	-0.0737	-0.2273	*****	*****	*****	*****	*****
1.000	0.1863	0.1777	0.1924	0.1194	0.0423	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	-0.0063	0.0121	0.1057	*****	-0.4225	*****	*****	*****	*****	*****
-0.600	-0.0326	0.0093	0.0508	-0.0928	-0.5401	*****	*****	*****	*****	*****
-0.700	-0.0499	-0.0078	0.0252	-0.0717	-0.6726	*****	*****	*****	*****	*****
-0.800	*****	-0.0334	0.0076	-0.0653	-0.7280	*****	*****	*****	*****	*****
-0.850	*****	*****	-0.0280	-0.0727	-0.7044	*****	*****	*****	*****	*****
-0.900	*****	-0.0429	-0.0453	-0.0994	-0.7141	*****	*****	*****	*****	*****
-0.950	0.0230	-0.0080	-0.0388	-0.1140	-0.8355	*****	*****	*****	*****	*****
-0.975	0.0630	0.0489	0.0215	-0.0639	-0.3424	*****	*****	*****	*****	*****
-1.000	*****	0.1132	0.0813	0.0084	-0.1788	*****	*****	*****	*****	*****
	0.1912	0.1926	0.1917	0.1320	0.0411	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 53, Point No. = 1139
 $C_N = 0.045$, $C_m = -0.0223$
 $\alpha = 0.7^\circ$, $M_\infty = 0.849$
 $R_{mac} = 24.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2195	*****
0.20	0.1863	0.1912
0.30	0.1786	*****
0.40	0.1777	0.1926
0.50	0.1807	*****
0.60	0.1924	0.1917
0.70	0.1384	*****
0.80	0.1194	0.1320
0.90	0.0752	*****
0.95	0.0423	0.0411

Surface Pressures

● upper, starboard
 ○ lower, port

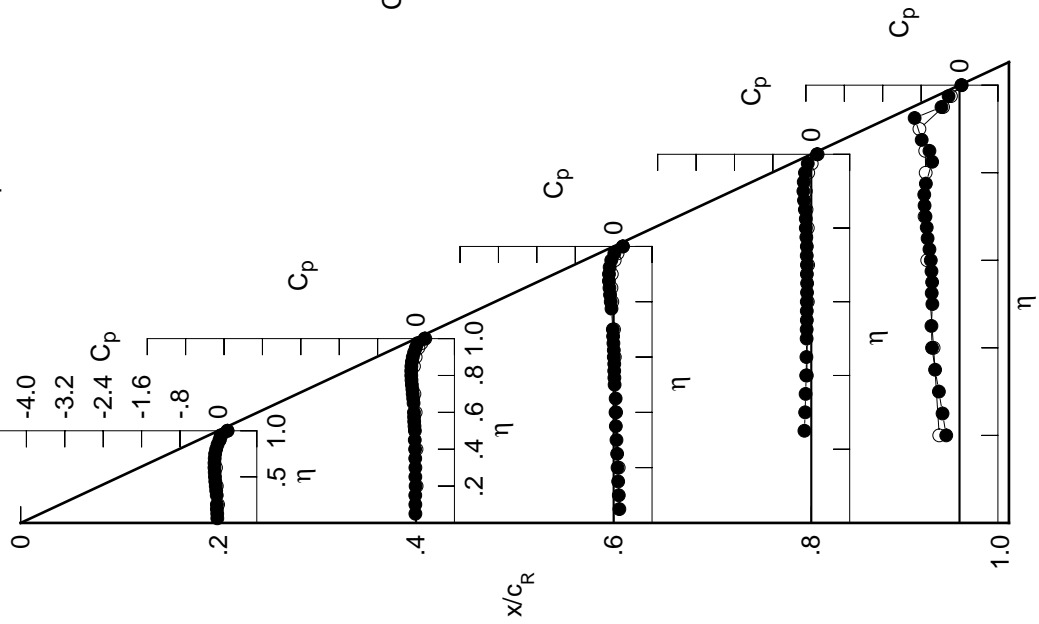


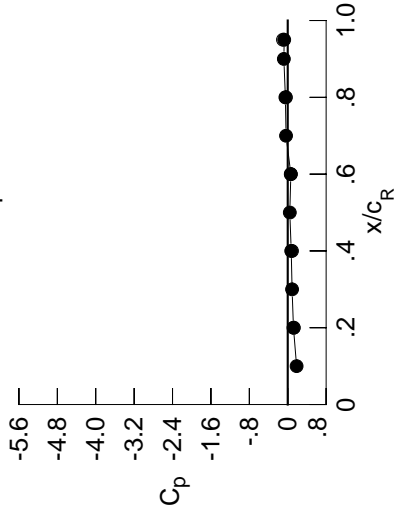
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0421	-0.0294	0.1081	*****	*****	*****	*****	*****	*****	
0.100	-0.0420	-0.0327	0.0977	*****	*****	*****	*****	*****	*****	
0.150	-0.0494	-0.0330	0.0851	*****	*****	*****	*****	*****	*****	
0.200	-0.0491	-0.0255	0.0732	*****	*****	*****	*****	*****	-0.2736	
0.250	*****	-0.0305	0.0604	-0.1532	-0.3446	*****	*****	*****	*****	
0.300	-0.0521	-0.0312	0.0477	-0.1389	-0.4094	*****	*****	*****	*****	
0.350	-0.0662	-0.0325	0.0321	-0.1264	-0.4793	*****	*****	*****	*****	
0.400	-0.0770	-0.0357	0.0259	-0.1172	-0.5421	*****	*****	*****	*****	
0.450	-0.0882	-0.0455	0.0267	-0.1123	-0.5591	*****	*****	*****	*****	
0.500	-0.0960	-0.0439	0.0058	-0.1088	-0.5379	*****	*****	*****	*****	
0.525	*****	-0.0512	0.0006	-0.1063	-0.5490	*****	*****	*****	*****	
0.550	-0.1031	-0.0590	-0.0040	-0.1050	-0.5368	*****	*****	*****	*****	
0.575	*****	-0.0636	-0.0037	-0.1066	-0.5446	*****	*****	*****	*****	
0.600	-0.1104	-0.0679	-0.0148	-0.1083	-0.5600	*****	*****	*****	*****	
0.625	*****	*****	-0.0140	-0.1036	-0.5842	*****	*****	*****	*****	
0.650	-0.1131	-0.0774	-0.0239	-0.1022	-0.6287	*****	*****	*****	*****	
0.675	*****	-0.0856	-0.0312	-0.1103	-0.6528	*****	*****	*****	*****	
0.700	-0.1115	-0.0987	-0.0369	-0.1106	-0.6809	*****	*****	*****	*****	
0.725	*****	-0.1089	*****	-0.1133	-0.6973	*****	*****	*****	*****	
0.750	-0.1054	-0.1220	*****	-0.1142	-0.6895	*****	*****	*****	*****	
0.775	*****	-0.1340	-0.0745	-0.1274	-0.6021	*****	*****	*****	*****	
0.800	-0.0844	-0.1411	-0.0942	-0.1401	*****	*****	*****	*****	*****	
0.825	*****	-0.1455	-0.1147	-0.1453	-0.4811	*****	*****	*****	*****	
0.850	-0.0598	-0.1465	-0.1296	-0.1688	-0.5437	*****	*****	*****	*****	
0.875	*****	-0.1371	-0.1465	-0.1940	-0.6922	*****	*****	*****	*****	
0.900	-0.0365	-0.1234	-0.1544	-0.2158	*****	*****	*****	*****	*****	
0.925	*****	-0.1036	-0.1476	-0.2191	-0.9418	*****	*****	*****	*****	
0.950	-0.0005	-0.0733	-0.1194	-0.2026	-0.4171	*****	*****	*****	*****	
0.975	*****	-0.0403	-0.0644	-0.1555	-0.2897	*****	*****	*****	*****	
1.000	0.1193	0.0729	0.0649	-0.0488	-0.0738	*****	*****	*****	*****	
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.400	0.0146	0.0297	0.1197	*****	-0.4395	*****	*****	*****	*****	
-0.600	-0.0071	0.0313	0.0669	-0.0779	-0.5763	*****	*****	*****	*****	
-0.700	-0.0185	0.0162	0.0451	-0.0554	-0.7047	*****	*****	*****	*****	
-0.800	*****	-0.0028	0.0312	-0.0465	-0.7381	*****	*****	*****	*****	
-0.850	*****	*****	0.0052	-0.0458	-0.7051	*****	*****	*****	*****	
-0.900	*****	0.0015	-0.0041	-0.0641	-0.7074	*****	*****	*****	*****	
-0.950	0.0626	0.0392	0.0096	-0.0682	-0.7886	*****	*****	*****	*****	
-0.975	0.1010	0.0802	0.0751	-0.0070	-0.3080	*****	*****	*****	*****	
-1.000	*****	0.1562	0.1334	0.0633	-0.1350	*****	*****	*****	*****	
	0.1273	0.0888	0.0636	-0.0380	-0.0993	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 53, Point No. = 1140
 $C_N = 0.083$, $C_m = -0.0264$
 $\alpha = 1.7^\circ$, $M_\infty = 0.850$
 $R_{mac} = 24.0 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	0.1846	*****
0.20	0.1193	0.1273
0.30	0.0906	*****
0.40	0.0729	0.0888
0.50	0.0431	*****
0.60	0.0649	0.0636
0.70	-0.0349	*****
0.80	-0.0488	-0.0380
0.90	-0.0805	*****
0.95	-0.0738	-0.0993

Surface Pressures

- upper, starboard
- lower, port

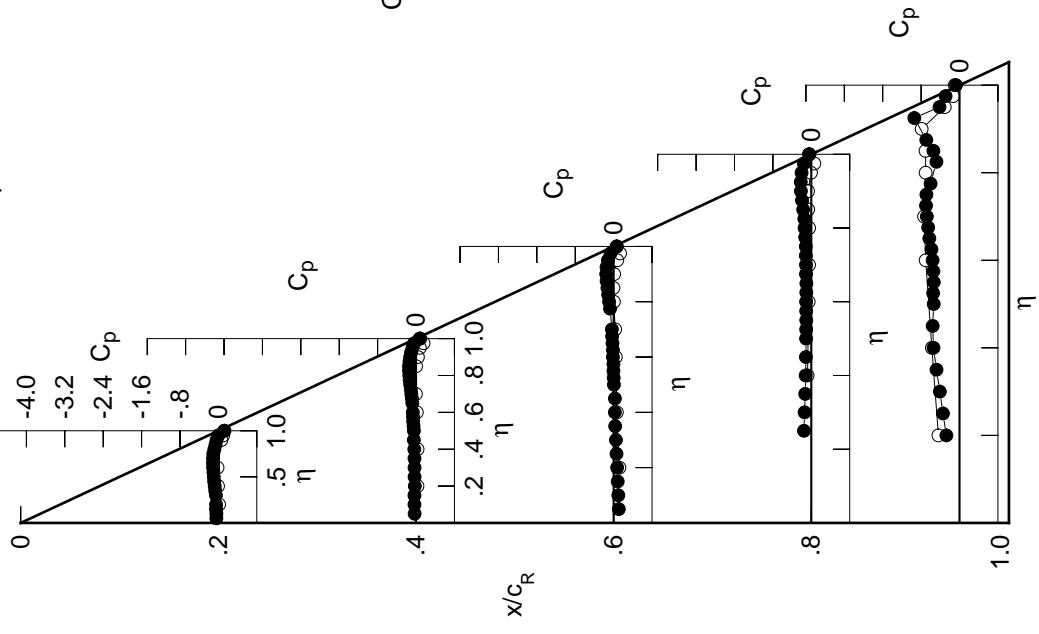


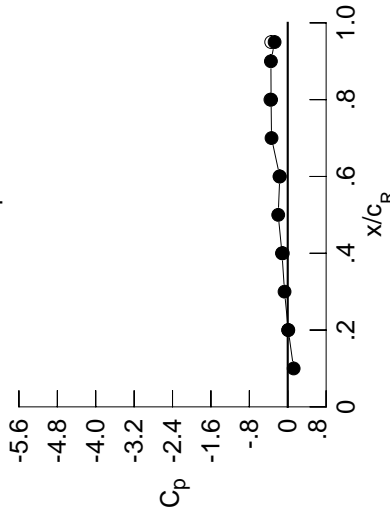
Table C3. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0587	-0.0433	0.0963	*****	*****
0.100	-0.0600	-0.0470	0.0858	*****	*****
0.150	-0.0650	-0.0483	0.0743	*****	*****
0.200	-0.0691	-0.0424	0.0618	*****	-0.2603
0.250	*****	-0.0487	0.0487	-0.1641	-0.3238
0.300	-0.0681	-0.0473	0.0362	-0.1506	-0.3856
0.350	-0.0848	-0.0511	0.0212	-0.1396	-0.4445
0.400	-0.0976	-0.0553	0.0122	-0.1295	-0.5057
0.450	-0.1091	-0.0629	0.0141	-0.1258	-0.5324
0.500	-0.1189	-0.0630	-0.0125	-0.1206	-0.5133
0.525	*****	-0.0706	-0.0141	-0.1219	-0.5222
0.550	-0.1284	-0.0804	-0.0224	-0.1202	-0.5078
0.575	*****	-0.0832	-0.0196	-0.1202	-0.5123
0.600	-0.1383	-0.0904	-0.0336	-0.1220	-0.5231
0.625	*****	*****	-0.0338	-0.1188	-0.5445
0.650	-0.1434	-0.1048	-0.0451	-0.1205	-0.5852
0.675	*****	-0.1137	-0.0523	-0.1284	-0.6123
0.700	-0.1435	-0.1303	-0.0602	-0.1299	-0.6414
0.725	*****	-0.1419	*****	-0.1341	-0.6591
0.750	-0.1418	-0.1592	*****	-0.1369	-0.6466
0.775	*****	-0.1744	-0.1069	-0.1533	-0.5611
0.800	-0.1368	-0.1854	-0.1283	-0.1691	*****
0.825	*****	-0.1941	-0.1540	-0.1766	-0.4704
0.850	-0.1124	-0.2008	-0.1755	-0.2077	-0.4625
0.875	*****	-0.1961	-0.2012	-0.2389	-0.4755
0.900	-0.0772	-0.1873	-0.2165	-0.2718	*****
0.925	*****	-0.1687	-0.2162	-0.2841	-0.8882
0.950	-0.0498	-0.1447	-0.2000	-0.2814	-0.4634
0.975	*****	-0.1215	-0.1589	-0.2503	-0.3613
1.000	0.0114	-0.1199	-0.1657	-0.3468	-0.2734
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0352	0.0496	0.1334	*****	-0.4612
-0.400	0.0156	0.0508	0.0817	-0.0657	-0.6147
-0.600	0.0106	0.0398	0.0636	-0.0395	-0.7209
-0.700	*****	0.0262	0.0539	-0.0279	-0.7344
-0.800	*****	*****	0.0348	-0.0233	-0.6898
-0.850	*****	0.0409	0.0312	-0.0346	-0.6875
-0.900	0.0971	0.0810	0.0525	-0.0286	-0.7483
-0.950	0.1347	0.1053	0.1173	0.0372	-0.2804
-0.975	*****	0.1873	0.1702	0.1029	-0.1023
-1.000	0.0098	-0.1027	-0.1717	-0.3605	-0.3447

Small Radius L.E.
 Run No. = 53, Point No. = 1141
 $C_N = 0.125$, $C_m = -0.0349$
 $\alpha = 2.8^\circ$, $M_\infty = 0.850$
 $R_{mac} = 24.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1228	*****
0.20	0.0114	0.0098
0.30	-0.0667	*****
0.40	-0.1199	-0.1027
0.50	-0.1982	*****
0.60	-0.1657	-0.1717
0.70	-0.3377	*****
0.80	-0.3468	-0.3605
0.90	-0.3505	*****
0.95	-0.2734	-0.3447

Surface Pressures

● upper, starboard
 ○ lower, port

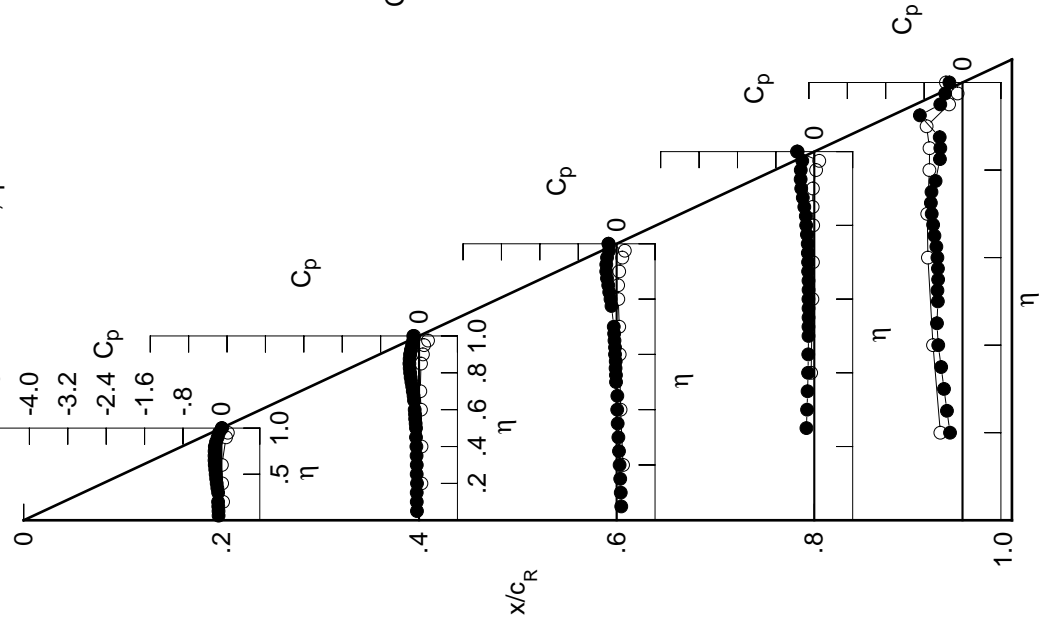


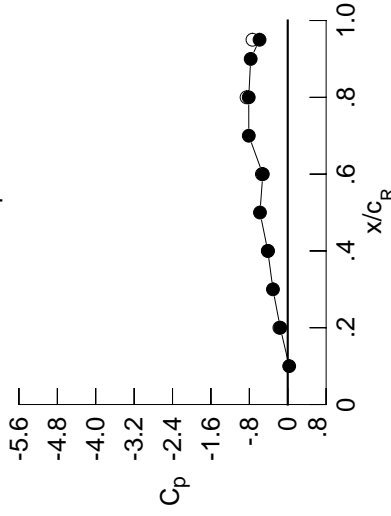
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0746	-0.0591	0.0857	0.0857	0.0857	0.0857	0.0857	0.0857	0.0857	0.0857
0.100	-0.0750	-0.0614	0.0756	0.0756	0.0756	0.0756	0.0756	0.0756	0.0756	0.0756
0.150	-0.0822	-0.0632	0.0623	0.0623	0.0623	0.0623	0.0623	0.0623	0.0623	0.0623
0.200	-0.0849	-0.0577	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497	0.0497
0.250	*****	-0.0634	0.0373	-0.1743	0.3140	0.3140	0.3140	0.3140	0.3140	0.3140
0.300	-0.0849	-0.0636	0.0237	-0.1598	0.3689	0.3689	0.3689	0.3689	0.3689	0.3689
0.350	-0.1033	-0.0674	0.0083	-0.1507	-0.4162	-0.4162	-0.4162	-0.4162	-0.4162	-0.4162
0.400	-0.1177	-0.0726	-0.0004	-0.1391	-0.4727	-0.4727	-0.4727	-0.4727	-0.4727	-0.4727
0.450	-0.1317	-0.0815	-0.0005	-0.1364	-0.5053	-0.5053	-0.5053	-0.5053	-0.5053	-0.5053
0.500	-0.1411	-0.0840	-0.0249	-0.1336	-0.4966	-0.4966	-0.4966	-0.4966	-0.4966	-0.4966
0.525	*****	-0.0933	-0.0311	-0.1339	-0.5064	-0.5064	-0.5064	-0.5064	-0.5064	-0.5064
0.550	-0.1541	-0.1032	-0.0380	-0.1306	-0.4893	-0.4893	-0.4893	-0.4893	-0.4893	-0.4893
0.575	*****	-0.1073	-0.0383	-0.1341	-0.4947	-0.4947	-0.4947	-0.4947	-0.4947	-0.4947
0.600	-0.1725	-0.1148	-0.0521	-0.1365	-0.5042	-0.5042	-0.5042	-0.5042	-0.5042	-0.5042
0.625	*****	*****	-0.0531	-0.1348	-0.5188	-0.5188	-0.5188	-0.5188	-0.5188	-0.5188
0.650	-0.1833	-0.1308	-0.0662	-0.1348	-0.5501	-0.5501	-0.5501	-0.5501	-0.5501	-0.5501
0.675	*****	-0.1428	-0.0749	-0.1448	-0.5723	-0.5723	-0.5723	-0.5723	-0.5723	-0.5723
0.700	-0.1846	-0.1598	-0.0827	-0.1482	-0.5998	-0.5998	-0.5998	-0.5998	-0.5998	-0.5998
0.725	*****	-0.1754	*****	-0.1536	-0.6101	-0.6101	-0.6101	-0.6101	-0.6101	-0.6101
0.750	-0.1843	-0.1955	*****	-0.1601	-0.5944	-0.5944	-0.5944	-0.5944	-0.5944	-0.5944
0.775	*****	-0.2145	-0.1375	-0.1784	-0.5268	-0.5268	-0.5268	-0.5268	-0.5268	-0.5268
0.800	-0.1715	-0.2306	-0.1630	-0.1976	*****	*****	*****	*****	*****	*****
0.825	*****	-0.2450	-0.1942	-0.2078	-0.4516	-0.4516	-0.4516	-0.4516	-0.4516	-0.4516
0.850	-0.1530	-0.2539	-0.2222	-0.2413	-0.3810	-0.3810	-0.3810	-0.3810	-0.3810	-0.3810
0.875	*****	-0.2553	-0.2565	-0.2842	-0.3790	-0.3790	-0.3790	-0.3790	-0.3790	-0.3790
0.900	-0.1239	-0.2527	-0.2836	-0.3283	*****	*****	*****	*****	*****	*****
0.925	*****	-0.2437	-0.2932	-0.3568	-0.6395	-0.6395	-0.6395	-0.6395	-0.6395	-0.6395
0.950	-0.1086	-0.2280	-0.2918	-0.3685	-0.5166	-0.5166	-0.5166	-0.5166	-0.5166	-0.5166
0.975	*****	-0.2220	-0.2678	-0.3614	-0.4441	-0.4441	-0.4441	-0.4441	-0.4441	-0.4441
1.000	-0.1555	-0.4150	-0.5193	-0.8127	-0.5868	-0.5868	-0.5868	-0.5868	-0.5868	-0.5868
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0587	0.0701	0.1504	*****	-0.4663	-0.4663	-0.4663	-0.4663	-0.4663	-0.4663
-0.600	0.0433	0.0715	0.1007	-0.0481	-0.6457	-0.6457	-0.6457	-0.6457	-0.6457	-0.6457
-0.700	0.0423	0.0663	0.0849	-0.0192	-0.7262	-0.7262	-0.7262	-0.7262	-0.7262	-0.7262
-0.800	*****	0.0561	0.0783	-0.0070	-0.7212	-0.7212	-0.7212	-0.7212	-0.7212	-0.7212
-0.850	*****	*****	0.0650	0.0028	-0.6699	-0.6699	-0.6699	-0.6699	-0.6699	-0.6699
-0.900	*****	0.0803	0.0659	-0.0037	-0.6636	-0.6636	-0.6636	-0.6636	-0.6636	-0.6636
-0.950	0.1318	0.1214	0.0921	0.0111	-0.7072	-0.7072	-0.7072	-0.7072	-0.7072	-0.7072
-0.975	0.1662	0.1282	0.1550	0.0793	-0.2544	-0.2544	-0.2544	-0.2544	-0.2544	-0.2544
-1.000	*****	0.2083	0.1965	0.1352	-0.0742	-0.0742	-0.0742	-0.0742	-0.0742	-0.0742
-1.000	-0.1733	-0.4109	-0.5382	-0.8573	-0.7345	-0.7345	-0.7345	-0.7345	-0.7345	-0.7345

Small Radius L.E.
 Run No. = 53, Point No. = 1142
 $C_N = 0.164$, $C_m = -0.0387$
 $\alpha = 3.8^\circ$, $M_\infty = 0.850$
 $R_{mac} = 24.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.0307	*****
0.20	-0.1555	-0.1733
0.30	-0.3077	*****
0.40	-0.4150	-0.4109
0.50	-0.5784	*****
0.60	-0.5193	-0.5382
0.70	-0.8108	*****
0.80	-0.8127	-0.8573
0.90	-0.7717	*****
0.95	-0.5868	-0.7345

Surface Pressures

● upper, starboard
 ○ lower, port

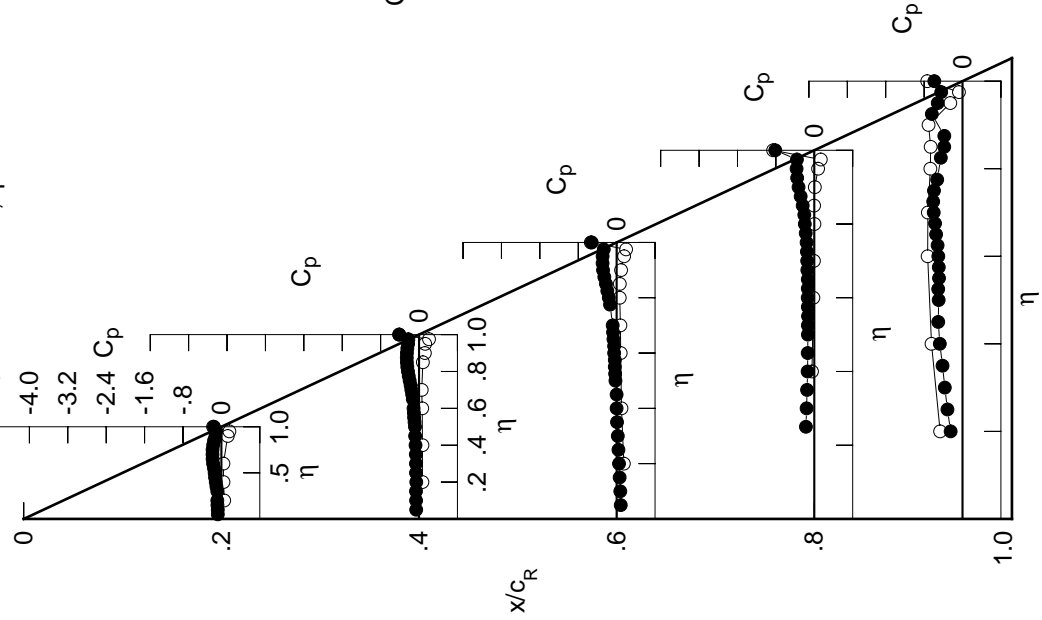


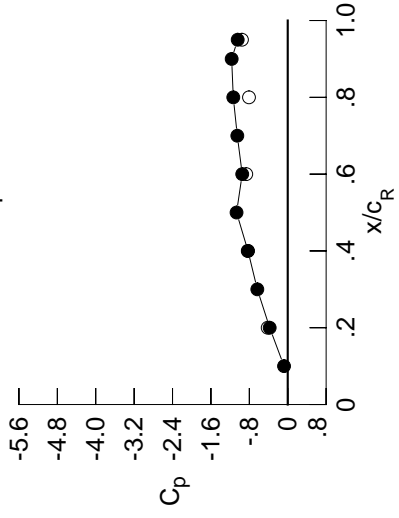
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0946	-0.0778	0.0742	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0965	-0.0816	0.0640	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1026	-0.0818	0.0509	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1073	-0.0765	0.0393	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0821	0.0239	-0.1897	-0.3073	*****	*****	*****	*****	*****
0.300	-0.1068	-0.0836	0.0102	-0.1746	-0.3444	*****	*****	*****	*****	*****
0.350	-0.1267	-0.0865	-0.0074	-0.1639	-0.3870	*****	*****	*****	*****	*****
0.400	-0.1412	-0.0940	-0.0155	-0.1545	-0.4412	*****	*****	*****	*****	*****
0.450	-0.1571	-0.1038	-0.0152	-0.1518	-0.4822	*****	*****	*****	*****	*****
0.500	-0.1707	-0.1075	-0.0431	-0.1499	-0.5103	*****	*****	*****	*****	*****
0.525	*****	-0.1156	-0.0480	-0.1495	-0.5501	*****	*****	*****	*****	*****
0.550	-0.1868	-0.1263	-0.0561	-0.1476	-0.5609	*****	*****	*****	*****	*****
0.575	*****	-0.1325	-0.0581	-0.1517	-0.5713	*****	*****	*****	*****	*****
0.600	-0.2023	-0.1421	-0.0719	-0.1556	-0.5730	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0741	-0.1547	-0.5919	*****	*****	*****	*****	*****
0.650	-0.2133	-0.1588	-0.0906	-0.1557	-0.6211	*****	*****	*****	*****	*****
0.675	*****	-0.1756	-0.1009	-0.1675	-0.6083	*****	*****	*****	*****	*****
0.700	-0.2220	-0.1932	-0.1099	-0.1756	-0.5980	*****	*****	*****	*****	*****
0.725	*****	-0.2115	*****	-0.1812	-0.5797	*****	*****	*****	*****	*****
0.750	-0.2283	-0.2356	*****	-0.1925	-0.5436	*****	*****	*****	*****	*****
0.775	*****	-0.2564	-0.1712	-0.2155	-0.4822	*****	*****	*****	*****	*****
0.800	-0.2211	-0.2799	-0.2009	-0.2329	*****	*****	*****	*****	*****	*****
0.825	*****	-0.2978	-0.2379	-0.2498	-0.4263	*****	*****	*****	*****	*****
0.850	-0.2056	-0.3126	-0.2704	-0.2852	-0.3524	*****	*****	*****	*****	*****
0.875	*****	-0.3227	-0.3168	-0.3286	-0.3528	*****	*****	*****	*****	*****
0.900	-0.1829	-0.3264	-0.3511	-0.3842	*****	*****	*****	*****	*****	*****
0.925	*****	-0.3242	-0.3759	-0.4277	-0.4970	*****	*****	*****	*****	*****
0.950	-0.1804	-0.3196	-0.3890	-0.4590	-0.5856	*****	*****	*****	*****	*****
0.975	*****	-0.3317	-0.3933	-0.4790	-0.5419	*****	*****	*****	*****	*****
1.000	-0.3757	-0.8279	-0.9481	-1.1345	-1.0428	*****	*****	*****	*****	*****
-0.200	0.0812	0.0863	0.1657	*****	-0.4949	*****	*****	*****	*****	*****
-0.400	0.0653	0.0921	0.1170	-0.0359	-0.6803	*****	*****	*****	*****	*****
-0.600	0.0688	0.0894	0.1032	-0.0042	-0.7253	*****	*****	*****	*****	*****
-0.700	*****	0.0821	0.0991	0.0083	-0.7105	*****	*****	*****	*****	*****
-0.800	*****	*****	0.0904	0.0245	-0.6541	*****	*****	*****	*****	*****
-0.850	*****	0.1128	0.0957	0.0206	-0.6457	*****	*****	*****	*****	*****
-0.900	0.1594	0.1528	0.1241	0.0408	-0.6754	*****	*****	*****	*****	*****
-0.950	0.1903	0.1425	0.1808	0.1063	-0.2379	*****	*****	*****	*****	*****
-0.975	*****	0.2167	0.2082	0.1515	-0.0629	*****	*****	*****	*****	*****
-1.000	-0.4178	-0.8330	-0.8644	-0.8073	-0.9538	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 53, Point No. = 1143
 $C_N = 0.202$, $C_m = -0.0426$
 $\alpha = 4.9^\circ$, $M_\infty = 0.849$
 $R_{mac} = 24.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.0770	*****
0.20	-0.3757	-0.4178
0.30	-0.6335	*****
0.40	-0.8279	-0.8330
0.50	-1.0661	*****
0.60	-0.9481	-0.8644
0.70	-1.0506	*****
0.80	-1.1345	-0.8073
0.90	-1.1680	*****
0.95	-1.0428	-0.9538

Surface Pressures

● upper, starboard
 ○ lower, port

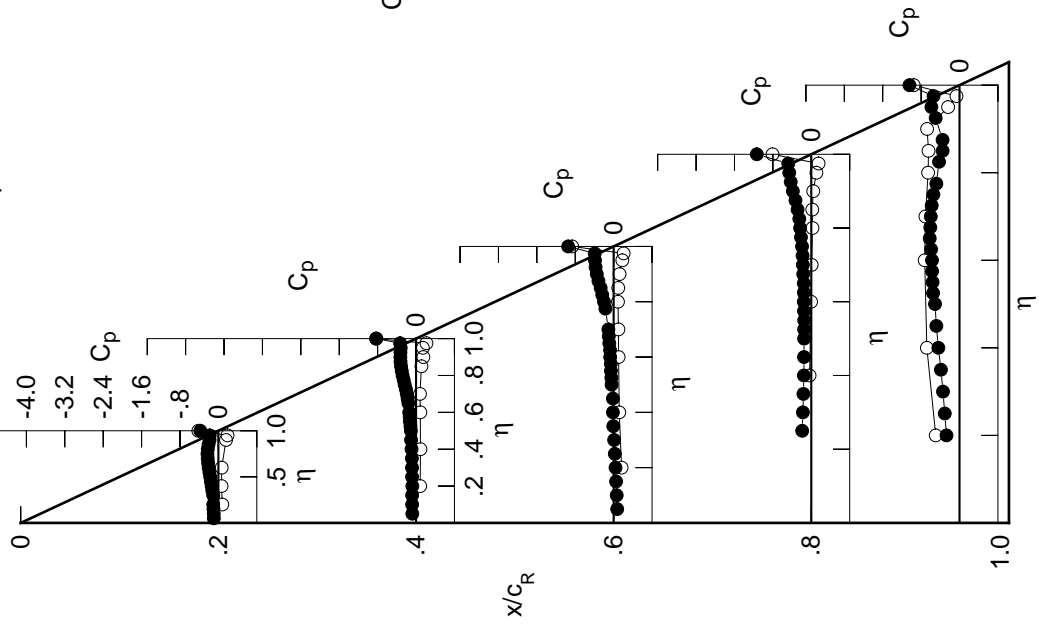


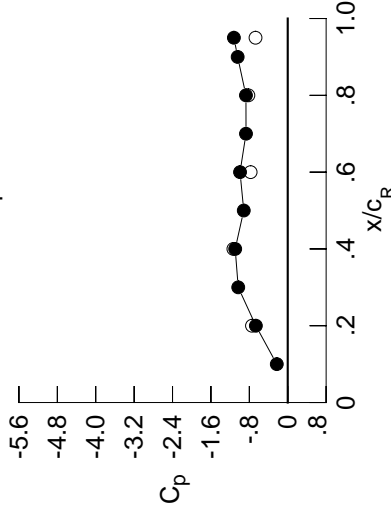
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1145	-0.0963	0.0596	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1173	-0.1002	0.0467	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1254	-0.1002	0.0348	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1295	-0.0968	0.0212	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1016	0.0082	-0.2063	-0.2975	*****	*****	*****	*****	*****
0.300	-0.1309	-0.1054	-0.0097	-0.1919	-0.3300	*****	*****	*****	*****	*****
0.350	-0.1495	-0.1099	-0.0250	-0.1827	-0.3752	*****	*****	*****	*****	*****
0.400	-0.1658	-0.1173	-0.0341	-0.1727	-0.4604	*****	*****	*****	*****	*****
0.450	-0.1850	-0.1278	-0.0361	-0.1682	-0.5867	*****	*****	*****	*****	*****
0.500	-0.2004	-0.1324	-0.0649	-0.1681	-0.6196	*****	*****	*****	*****	*****
0.525	*****	-0.1444	-0.0702	-0.1701	-0.5841	*****	*****	*****	*****	*****
0.550	-0.2174	-0.1549	-0.0796	-0.1705	-0.5200	*****	*****	*****	*****	*****
0.575	*****	-0.1617	-0.0834	-0.1805	-0.5078	*****	*****	*****	*****	*****
0.600	-0.2356	-0.1714	-0.1032	-0.1860	-0.5221	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1033	-0.1867	-0.5293	*****	*****	*****	*****	*****
0.650	-0.2519	-0.1927	-0.1243	-0.1873	-0.5211	*****	*****	*****	*****	*****
0.675	*****	-0.2109	-0.1394	-0.1950	-0.5289	*****	*****	*****	*****	*****
0.700	-0.2644	-0.2312	-0.1511	-0.2051	-0.5553	*****	*****	*****	*****	*****
0.725	*****	-0.2492	*****	-0.2319	-0.5989	*****	*****	*****	*****	*****
0.750	-0.2748	-0.2777	*****	-0.2238	-0.6545	*****	*****	*****	*****	*****
0.775	*****	-0.3049	-0.2035	-0.2391	-0.6993	*****	*****	*****	*****	*****
0.800	-0.2697	-0.3297	-0.2425	-0.2589	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3529	-0.2758	-0.2754	-0.6630	*****	*****	*****	*****	*****
0.850	-0.2636	-0.3766	-0.3050	-0.3160	-0.6215	*****	*****	*****	*****	*****
0.875	*****	-0.3901	-0.3529	-0.3612	-0.6292	*****	*****	*****	*****	*****
0.900	-0.2484	-0.4023	-0.3919	-0.4176	*****	*****	*****	*****	*****	*****
0.925	*****	-0.4087	-0.4062	-0.4691	-0.9274	*****	*****	*****	*****	*****
0.950	-0.2603	-0.4161	-0.4780	-0.6014	-0.6372	*****	*****	*****	*****	*****
0.975	*****	-0.4559	-0.7349	-0.8117	-0.7321	*****	*****	*****	*****	*****
1.000	-0.6641	-1.0945	-0.9938	-0.8704	-1.1214	*****	*****	*****	*****	*****
-0.200	0.0997	0.1056	0.1775	*****	-0.5273	*****	*****	*****	*****	*****
-0.400	0.0880	0.1098	0.1321	-0.0227	-0.6897	*****	*****	*****	*****	*****
-0.600	0.0947	0.1120	0.1200	0.0106	-0.7188	*****	*****	*****	*****	*****
-0.700	*****	0.1061	0.1183	0.0257	-0.6982	*****	*****	*****	*****	*****
-0.800	*****	*****	0.1132	0.0424	-0.6382	*****	*****	*****	*****	*****
-0.850	*****	0.1419	0.1209	0.0425	-0.6268	*****	*****	*****	*****	*****
-0.900	0.1846	0.1784	0.1509	0.0657	-0.6408	*****	*****	*****	*****	*****
-0.950	0.2102	0.1513	0.1967	0.1272	-0.2204	*****	*****	*****	*****	*****
-0.975	*****	0.2150	0.2085	0.1592	-0.0463	*****	*****	*****	*****	*****
-1.000	-0.7448	-1.1317	-0.7726	-0.8201	-0.6710	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 53, Point No. = 1144
 $C_N = 0.252$, $C_m = -0.0532$
 $\alpha = 5.9^\circ$, $M_\infty = 0.849$
 $R_{mac} = 24.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.2282	*****
0.20	-0.6641	-0.7448
0.30	-1.0312	*****
0.40	-1.0945	-1.1317
0.50	-0.9164	*****
0.60	-0.9938	-0.7726
0.70	-0.8692	*****
0.80	-0.8704	-0.8201
0.90	-1.0430	*****
0.95	-1.1214	-0.6710

Surface Pressures

● upper, starboard
 ○ lower, port

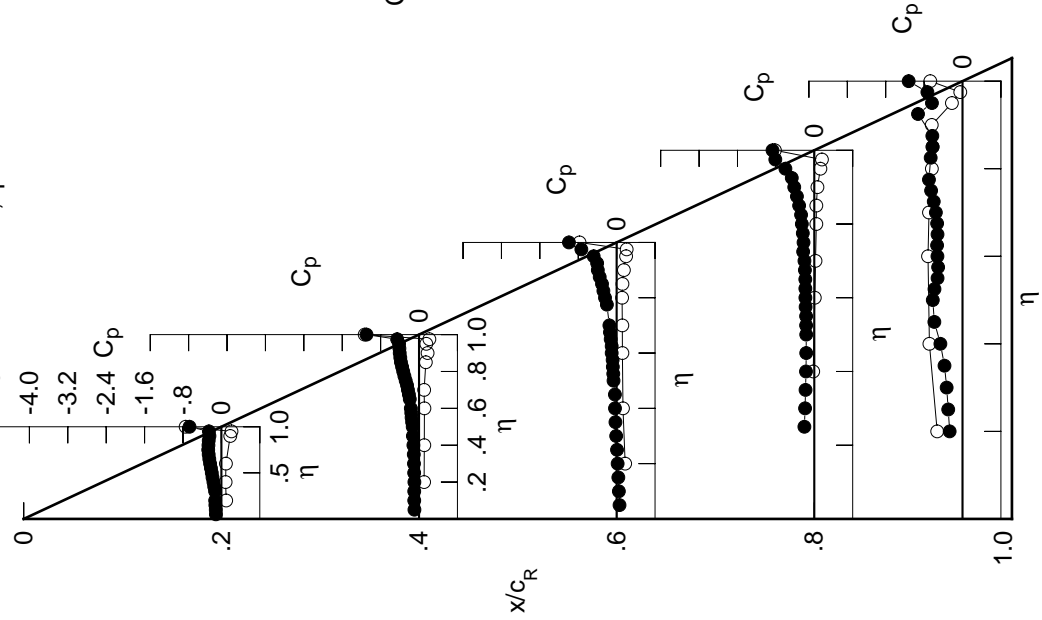


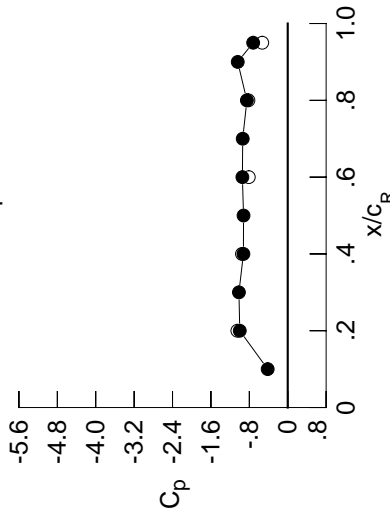
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1342	-0.1170	0.0440	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1379	-0.1204	0.0306	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1443	-0.1210	0.0184	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1536	-0.1174	0.0034	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1242	-0.0076	-0.2274	-0.2832	-0.3128	-0.3895	-0.4699	-0.5459	-0.6229
0.300	-0.1532	-0.1277	-0.0264	-0.2092	-0.2756	-0.3418	-0.4174	-0.4930	-0.5686	-0.6442
0.350	-0.1722	-0.1317	-0.0406	-0.2020	-0.2685	-0.3341	-0.4097	-0.4853	-0.5609	-0.6365
0.400	-0.1910	-0.1423	-0.0532	-0.1911	-0.2569	-0.3225	-0.3981	-0.4737	-0.5493	-0.6249
0.450	-0.2104	-0.1551	-0.0558	-0.1965	-0.2626	-0.3282	-0.3938	-0.4694	-0.5450	-0.6206
0.500	-0.2298	-0.1634	-0.0944	-0.1985	-0.2645	-0.3256	-0.3912	-0.4668	-0.5424	-0.6180
0.525	*****	-0.1750	-0.1002	-0.2024	-0.2643	-0.3250	-0.3906	-0.4662	-0.5418	-0.6176
0.550	-0.2490	-0.1880	-0.1107	-0.1984	-0.2630	-0.3240	-0.3890	-0.4640	-0.5390	-0.6140
0.575	*****	-0.1936	-0.1125	-0.2067	-0.2637	-0.3239	-0.3889	-0.4639	-0.5389	-0.6139
0.600	-0.2716	-0.2071	-0.1314	-0.2117	-0.2641	-0.3241	-0.3891	-0.4639	-0.5389	-0.6139
0.625	*****	*****	-0.1340	-0.2110	-0.2642	-0.3242	-0.3892	-0.4640	-0.5390	-0.6140
0.650	-0.2892	-0.2286	-0.1537	-0.2135	-0.2644	-0.3244	-0.3894	-0.4642	-0.5392	-0.6142
0.675	*****	-0.2456	-0.1609	-0.2239	-0.2645	-0.3245	-0.3895	-0.4643	-0.5393	-0.6143
0.700	-0.3065	-0.2666	-0.1675	-0.2501	-0.2645	-0.3245	-0.3895	-0.4643	-0.5393	-0.6143
0.725	*****	-0.2860	*****	-0.2762	-0.2645	-0.3245	-0.3895	-0.4643	-0.5393	-0.6143
0.750	-0.3200	-0.3138	*****	-0.2555	-0.2645	-0.3245	-0.3895	-0.4643	-0.5393	-0.6143
0.775	*****	-0.3418	-0.2281	-0.2645	-0.3245	-0.3895	-0.4643	-0.5393	-0.6143	-0.6882
0.800	-0.3211	-0.3695	-0.2755	-0.2773	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3973	-0.2989	-0.2860	-0.8291	-0.8065	-0.7882	-0.7611	-0.7340	-0.7069
0.850	-0.3239	-0.4205	-0.3256	-0.3126	-0.8065	-0.7882	-0.7611	-0.7340	-0.7069	-0.6882
0.875	*****	-0.4380	-0.3743	-0.4107	-0.7882	-0.7611	-0.7340	-0.7069	-0.6882	-0.6694
0.900	-0.3187	-0.4355	-0.4765	-0.6104	*****	*****	*****	*****	*****	*****
0.925	*****	-0.4574	-0.6690	-0.7611	-1.0532	-1.0261	-0.9991	-0.9720	-0.9449	-0.9178
0.950	-0.3480	-0.6550	-0.8249	-0.8434	-0.7126	-0.6855	-0.6584	-0.6313	-0.6042	-0.5771
0.975	*****	-0.8350	-0.8171	-0.8487	-0.7759	-0.7488	-0.7217	-0.6946	-0.6675	-0.6404
1.000	-0.9991	-0.9232	-0.9446	-0.8509	-0.7200	-0.6929	-0.6658	-0.6387	-0.6116	-0.5845
-0.200	$C_{p,l}$	0.1251	0.1218	0.1947	*****	-0.5532	-0.7099	-0.8656	-1.0213	-1.1770
-0.400		0.1118	0.1323	0.1455	-0.0085	-0.7099	-0.8656	-1.0213	-1.1770	-1.3327
-0.600		0.1215	0.1317	0.1353	0.0244	-0.7100	-0.8657	-1.0214	-1.1771	-1.3328
-0.700	*****	0.1292	0.1362	0.1423	0.0423	-0.6877	-0.8444	-1.0101	-1.1658	-1.3215
-0.800	*****	*****	0.1358	0.1358	0.0620	-0.6229	-0.8085	-0.9646	-1.1213	-1.2813
-0.850	*****	0.1681	0.1448	0.1448	0.0644	-0.6085	-0.8089	-0.9649	-1.1216	-1.2816
-0.900	0.2089	0.2018	0.1745	0.1745	0.0903	-0.6089	-0.8092	-0.9652	-1.1219	-1.2819
-0.950	0.2290	0.1584	0.2079	0.1441	-0.2052	-0.6092	-0.8095	-0.9655	-1.1222	-1.2822
-0.975	*****	0.2112	0.2072	0.1637	-0.0363	-0.6095	-0.8098	-0.9658	-1.1225	-1.2825
-1.000	-1.0494	-0.9538	-0.8114	-0.8188	-0.5312	-0.6098	-0.8101	-0.9661	-1.1228	-1.2828

Small Radius L.E.
 Run No. = 53, Point No. = 1145
 $C_N = 0.310$, $C_m = -0.0690$
 $\alpha = 7.0^\circ$, $M_\infty = 0.848$
 $R_{mac} = 24.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.4174	*****
0.20	-0.9991	-1.0494
0.30	-1.0166	*****
0.40	-0.9232	-0.9538
0.50	-0.9207	*****
0.60	-0.9446	-0.8114
0.70	-0.9378	*****
0.80	-0.8509	-0.8188
0.90	-1.0419	*****
0.95	-0.7200	-0.5312

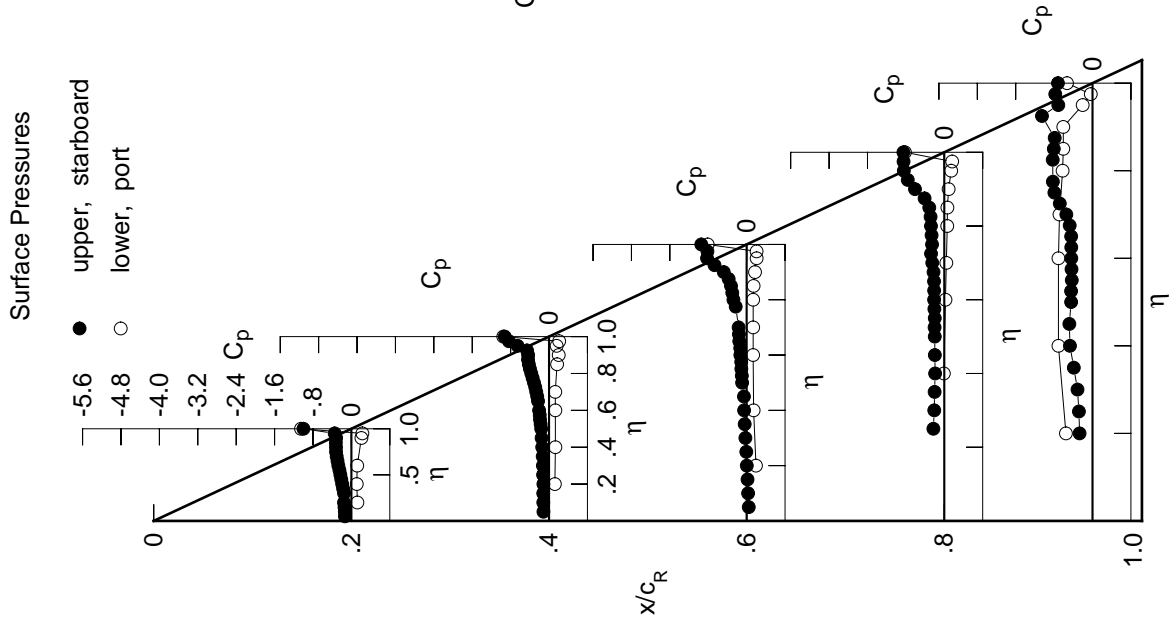


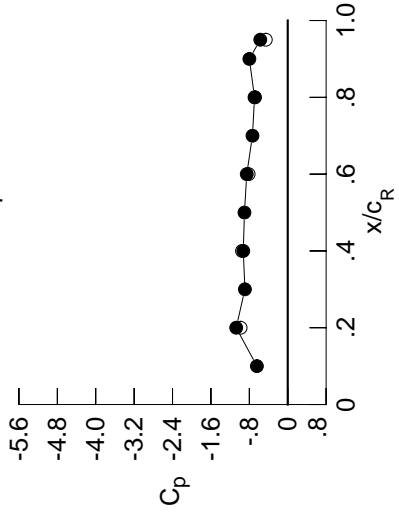
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1476	-0.1336	0.0314	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1514	-0.1366	0.0173	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1626	-0.1392	0.0076	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1673	-0.1332	-0.0088	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1430	-0.0209	-0.2418	-0.2631	*****	*****	*****	*****	*****
0.300	-0.1706	-0.1437	-0.0363	-0.2278	-0.3339	*****	*****	*****	*****	*****
0.350	-0.1908	-0.1508	-0.0603	-0.2238	-0.3568	*****	*****	*****	*****	*****
0.400	-0.2107	-0.1608	-0.0798	-0.2185	-0.3335	*****	*****	*****	*****	*****
0.450	-0.2315	-0.1829	-0.0844	-0.2181	-0.2757	*****	*****	*****	*****	*****
0.500	-0.2526	-0.1917	-0.1122	-0.2184	-0.2742	*****	*****	*****	*****	*****
0.525	*****	-0.2018	-0.1163	-0.2142	-0.3256	*****	*****	*****	*****	*****
0.550	-0.2748	-0.2152	-0.1237	-0.2097	-0.3942	*****	*****	*****	*****	*****
0.575	*****	-0.2165	-0.1258	-0.2108	-0.5299	*****	*****	*****	*****	*****
0.600	-0.2997	-0.2278	-0.1426	-0.2089	-0.6860	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1449	-0.2009	-0.7460	*****	*****	*****	*****	*****
0.650	-0.3227	-0.2522	-0.1604	-0.1973	-0.7373	*****	*****	*****	*****	*****
0.675	*****	-0.2686	-0.1670	-0.2006	-0.6955	*****	*****	*****	*****	*****
0.700	-0.3437	-0.2937	-0.1688	-0.1926	-0.6864	*****	*****	*****	*****	*****
0.725	*****	-0.3154	*****	-0.2429	-0.7223	*****	*****	*****	*****	*****
0.750	-0.3647	-0.3431	*****	-0.3550	-0.8135	*****	*****	*****	*****	*****
0.775	*****	-0.3688	-0.2141	-0.4697	-0.8639	*****	*****	*****	*****	*****
0.800	-0.3737	-0.3956	-0.3358	-0.5668	*****	*****	*****	*****	*****	*****
0.825	*****	-0.4193	-0.5162	-0.6636	-0.8054	*****	*****	*****	*****	*****
0.850	-0.3790	-0.4388	-0.6660	-0.7170	-0.7174	*****	*****	*****	*****	*****
0.875	*****	-0.5167	-0.7775	-0.7294	-0.5981	*****	*****	*****	*****	*****
0.900	-0.3812	-0.6795	-0.8196	-0.7238	*****	*****	*****	*****	*****	*****
0.925	*****	-0.8212	-0.8170	-0.7053	-0.6304	*****	*****	*****	*****	*****
0.950	-0.4335	-0.8976	-0.7890	-0.6909	-0.7474	*****	*****	*****	*****	*****
0.975	*****	-0.8973	-0.7545	-0.6822	-0.6773	*****	*****	*****	*****	*****
1.000	-1.0738	-0.9262	-0.8537	-0.6919	-0.5718	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1497	0.1483	0.2145	*****	*****	*****	*****	*****	*****	*****
-0.600	0.1398	0.1563	0.1665	0.0099	-0.7040	*****	*****	*****	*****	*****
-0.700	0.1532	0.1584	0.1598	0.0462	-0.6942	*****	*****	*****	*****	*****
-0.800	*****	0.1592	0.1613	0.0599	-0.6693	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1630	0.0833	-0.6026	*****	*****	*****	*****	*****
-0.900	*****	0.1986	0.1756	0.0882	-0.5889	*****	*****	*****	*****	*****
-0.950	0.2353	0.2272	0.2029	0.1142	-0.5825	*****	*****	*****	*****	*****
-0.975	0.2499	0.1645	0.2277	0.1633	-0.1908	*****	*****	*****	*****	*****
-1.000	*****	0.2056	0.2144	0.1708	-0.0298	*****	*****	*****	*****	*****
	-0.9814	-0.9526	-0.8141	-0.6814	-0.4569	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 53, Point No. = 1146
 $C_N = 0.370$, $C_m = -0.0835$
 $\alpha = 8.0^\circ$, $M_\infty = 0.849$
 $R_{mac} = 24.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.6421	*****
0.20	-1.0738	-0.9814
0.30	-0.8918	*****
0.40	-0.9262	-0.9526
0.50	-0.9016	*****
0.60	-0.8537	-0.8141
0.70	-0.7347	*****
0.80	-0.6919	-0.6814
0.90	-0.7994	*****
0.95	-0.5718	-0.4569

Surface Pressures

● upper, starboard
 ○ lower, port

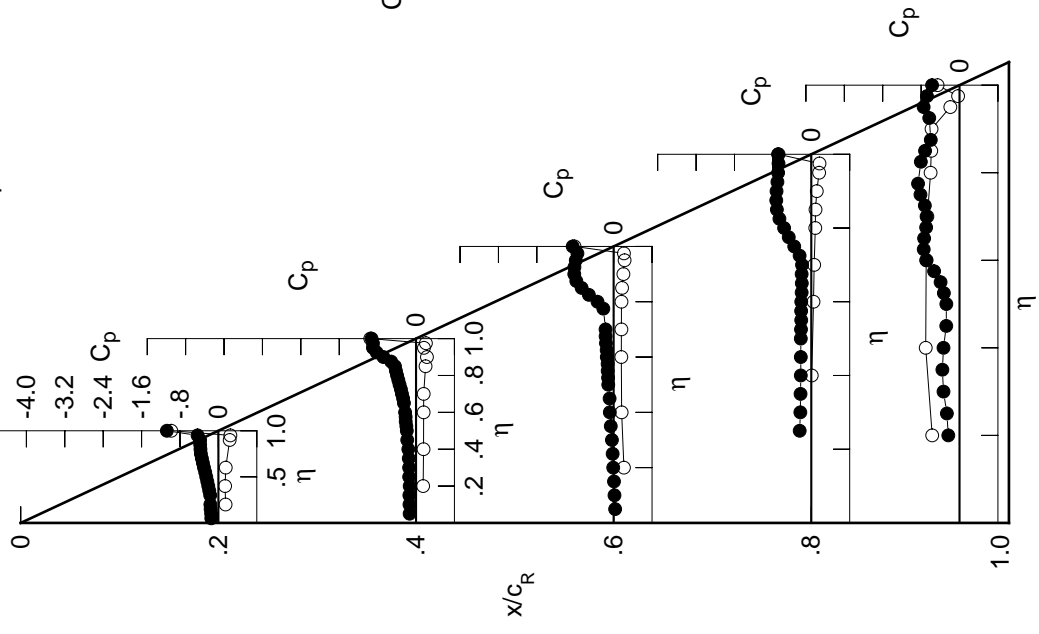


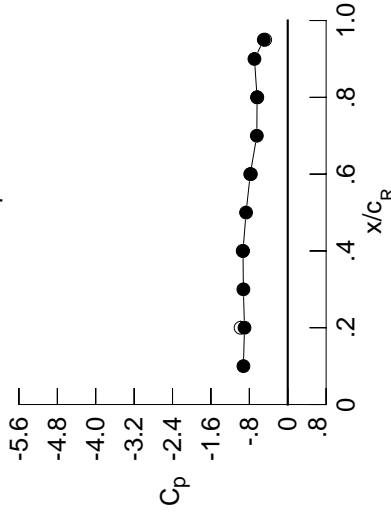
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1628	-0.1511	0.0156	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1674	-0.1558	0.0018	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1791	-0.1597	-0.0099	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1847	-0.1535	-0.0231	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1601	-0.0364	-0.2585	-0.3056	*****	*****	*****	*****	*****
0.300	-0.1890	-0.1638	-0.0635	-0.2498	-0.3078	*****	*****	*****	*****	*****
0.350	-0.2109	-0.1784	-0.0871	-0.2467	-0.2212	*****	*****	*****	*****	*****
0.400	-0.2313	-0.1947	-0.0986	-0.2349	-0.2037	*****	*****	*****	*****	*****
0.450	-0.2535	-0.2045	-0.0976	-0.2224	-0.2715	*****	*****	*****	*****	*****
0.500	-0.2760	-0.2087	-0.1214	-0.2177	-0.3869	*****	*****	*****	*****	*****
0.525	*****	-0.2173	-0.1237	-0.2137	-0.5251	*****	*****	*****	*****	*****
0.550	-0.3024	-0.2313	-0.1308	-0.2108	-0.6566	*****	*****	*****	*****	*****
0.575	*****	-0.2367	-0.1265	-0.2078	-0.7397	*****	*****	*****	*****	*****
0.600	-0.3301	-0.2455	-0.1424	-0.2016	-0.7573	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1347	-0.1885	-0.7435	*****	*****	*****	*****	*****
0.650	-0.3564	-0.2723	-0.1441	-0.1698	-0.7244	*****	*****	*****	*****	*****
0.675	*****	-0.2893	-0.1374	-0.1604	-0.6985	*****	*****	*****	*****	*****
0.700	-0.3811	-0.3060	-0.1183	-0.1756	-0.7692	*****	*****	*****	*****	*****
0.725	*****	-0.3237	*****	-0.3458	-0.9267	*****	*****	*****	*****	*****
0.750	-0.4068	-0.3443	*****	-0.6551	-1.0459	*****	*****	*****	*****	*****
0.775	*****	-0.3741	-0.7114	-0.8889	-1.0621	*****	*****	*****	*****	*****
0.800	-0.4177	-0.4764	-0.8989	-0.9256	*****	*****	*****	*****	*****	*****
0.825	*****	-0.6091	-0.9228	-0.9591	-0.8146	*****	*****	*****	*****	*****
0.850	-0.4115	-0.7506	-0.8999	-0.8929	-0.7056	*****	*****	*****	*****	*****
0.875	*****	-0.8648	-0.8628	-0.7826	-0.6467	*****	*****	*****	*****	*****
0.900	-0.4109	-0.9215	-0.8202	-0.6998	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9377	-0.7715	-0.6604	-0.6523	*****	*****	*****	*****	*****
0.950	-0.7449	-0.9224	-0.7405	-0.6352	-0.5987	*****	*****	*****	*****	*****
0.975	*****	-0.9095	-0.7218	-0.6313	-0.5679	*****	*****	*****	*****	*****
1.000	-0.9006	-0.9319	-0.7807	-0.6385	-0.4985	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1785	0.1746	0.2320	*****	*****	*****	*****	*****	*****	*****
-0.600	0.1701	0.1818	0.1888	0.0278	-0.6965	*****	*****	*****	*****	*****
-0.700	0.1854	0.1882	0.1841	0.0624	-0.6768	*****	*****	*****	*****	*****
-0.800	*****	0.1889	0.1849	0.0819	-0.6550	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1893	0.1018	-0.5860	*****	*****	*****	*****	*****
-0.900	*****	0.2282	0.2012	0.1097	-0.5687	*****	*****	*****	*****	*****
-0.950	0.2587	0.2515	0.2256	0.1361	-0.5578	*****	*****	*****	*****	*****
-0.975	0.2695	0.1695	0.2433	0.1780	-0.1804	*****	*****	*****	*****	*****
-1.000	*****	0.2032	0.2149	0.1740	-0.0285	*****	*****	*****	*****	*****
	-0.9815	-0.9380	-0.7677	-0.6346	-0.4698	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 53, Point No. = 1147
 $C_N = 0.429$, $C_m = -0.0938$
 $\alpha = 9.0^\circ$, $M_\infty = 0.850$
 $R_{mac} = 24.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.9235	*****
0.20	-0.9006	-0.9815
0.30	-0.9242	*****
0.40	-0.9319	-0.9380
0.50	-0.8679	*****
0.60	-0.7807	-0.7677
0.70	-0.6440	*****
0.80	-0.6385	-0.6346
0.90	-0.6933	*****
0.95	-0.4985	-0.4698

Surface Pressures

● upper, starboard
 ○ lower, port

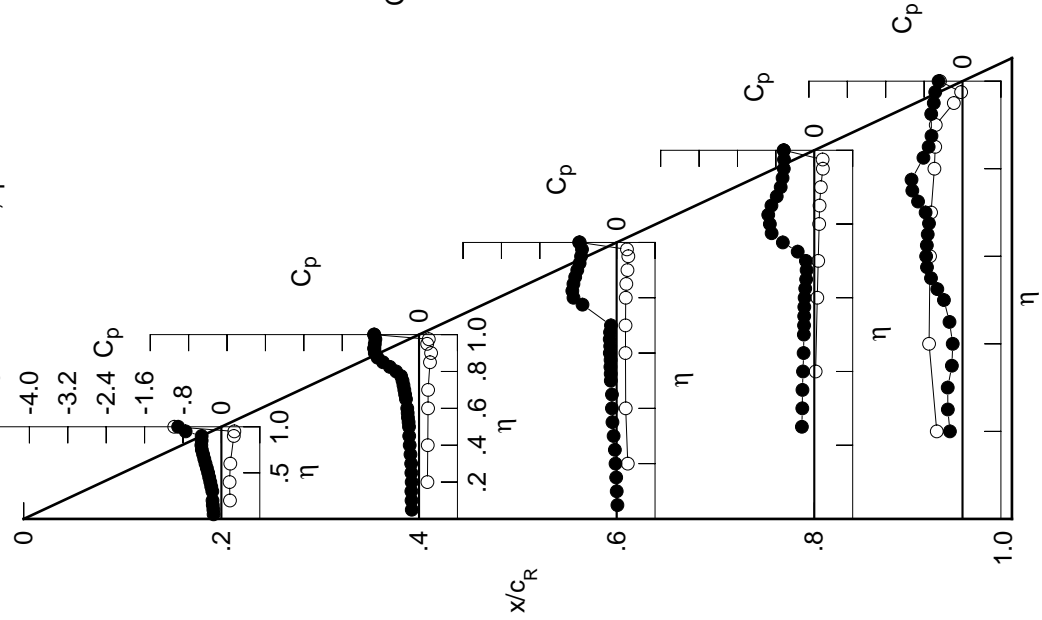


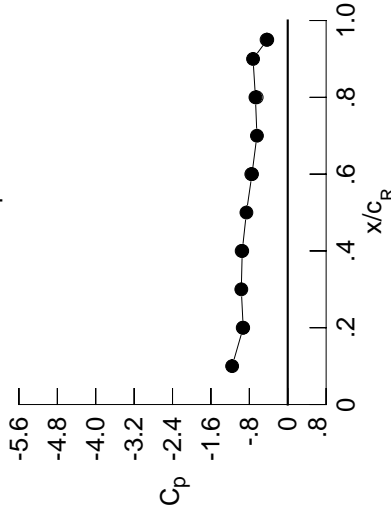
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1874	-0.1843	-0.0131	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1956	-0.1854	-0.0253	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2108	-0.1921	-0.0379	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2172	-0.1834	-0.0504	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1955	-0.0741	-0.2927	-0.3270	*****	*****	*****	*****	*****
0.300	-0.2269	-0.2108	-0.1022	-0.2828	-0.1737	*****	*****	*****	*****	*****
0.350	-0.2473	-0.2218	-0.1166	-0.2679	-0.1572	*****	*****	*****	*****	*****
0.400	-0.2682	-0.2276	-0.1200	-0.2525	-0.2361	*****	*****	*****	*****	*****
0.450	-0.2909	-0.2363	-0.1152	-0.2451	-0.3790	*****	*****	*****	*****	*****
0.500	-0.3147	-0.2380	-0.1417	-0.2401	-0.6100	*****	*****	*****	*****	*****
0.525	*****	-0.2456	-0.1451	-0.2316	-0.7145	*****	*****	*****	*****	*****
0.550	-0.3392	-0.2584	-0.1499	-0.2245	-0.7281	*****	*****	*****	*****	*****
0.575	*****	-0.2619	-0.1431	-0.2172	-0.7302	*****	*****	*****	*****	*****
0.600	-0.3677	-0.2706	-0.1508	-0.2100	-0.7123	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1359	-0.1950	-0.6989	*****	*****	*****	*****	*****
0.650	-0.3941	-0.2742	-0.1270	-0.1958	-0.7195	*****	*****	*****	*****	*****
0.675	*****	-0.2771	-0.1168	-0.2588	-0.7864	*****	*****	*****	*****	*****
0.700	-0.4171	-0.2726	-0.1571	-0.4420	-0.9394	*****	*****	*****	*****	*****
0.725	*****	-0.3018	*****	-0.7339	-1.0727	*****	*****	*****	*****	*****
0.750	-0.4364	-0.5170	*****	-0.9541	-1.0696	*****	*****	*****	*****	*****
0.775	*****	-0.7558	-1.0720	-1.0729	-0.7447	*****	*****	*****	*****	*****
0.800	-0.4217	-0.8814	-1.0827	-1.0318	*****	*****	*****	*****	*****	*****
0.825	*****	-0.9406	-1.0508	-0.9542	-0.6156	*****	*****	*****	*****	*****
0.850	-0.4571	-0.9812	-0.9858	-0.8172	-0.5932	*****	*****	*****	*****	*****
0.875	*****	-0.9972	-0.9026	-0.7546	-0.5986	*****	*****	*****	*****	*****
0.900	-0.8300	-0.9753	-0.8160	-0.7257	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9596	-0.7627	-0.6700	-0.6064	*****	*****	*****	*****	*****
0.950	-0.9242	-0.9372	-0.7265	-0.6809	-0.5500	*****	*****	*****	*****	*****
0.975	*****	-0.9309	-0.7083	-0.6738	-0.4900	*****	*****	*****	*****	*****
1.000	-0.9277	-0.9478	-0.7448	-0.6729	-0.4264	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1995	0.1907	0.2460	*****	-0.5326	*****	*****	*****	*****	*****
-0.600	0.1923	0.1992	0.1996	0.0367	-0.6979	*****	*****	*****	*****	*****
-0.700	0.2080	0.2064	0.1948	0.0723	-0.6799	*****	*****	*****	*****	*****
-0.800	*****	0.2088	0.1993	0.0904	-0.6546	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2043	0.1132	-0.5831	*****	*****	*****	*****	*****
-0.900	*****	0.2471	0.2156	0.1196	-0.5663	*****	*****	*****	*****	*****
-0.950	0.2757	0.2631	0.2381	0.1452	-0.5471	*****	*****	*****	*****	*****
-0.975	0.2776	0.1672	0.2426	0.1773	-0.1807	*****	*****	*****	*****	*****
-1.000	*****	0.1901	0.2017	0.1638	-0.0325	*****	*****	*****	*****	*****
-1.000	-0.9380	-0.9600	-0.7594	-0.6470	-0.4405	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 53, Point No. = 1148
 $C_N = 0.482$, $C_m = -0.1017$
 $\alpha = 10.0^\circ$, $M_\infty = 0.849$
 $R_{mac} = 24.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1587	*****
0.20	-0.9277	-0.9380
0.30	-0.9673	*****
0.40	-0.9478	-0.9600
0.50	-0.8607	*****
0.60	-0.7448	-0.7594
0.70	-0.6417	*****
0.80	-0.6729	-0.6470
0.90	-0.7226	*****
0.95	-0.4264	-0.4405

Surface Pressures

● upper, starboard
 ○ lower, port

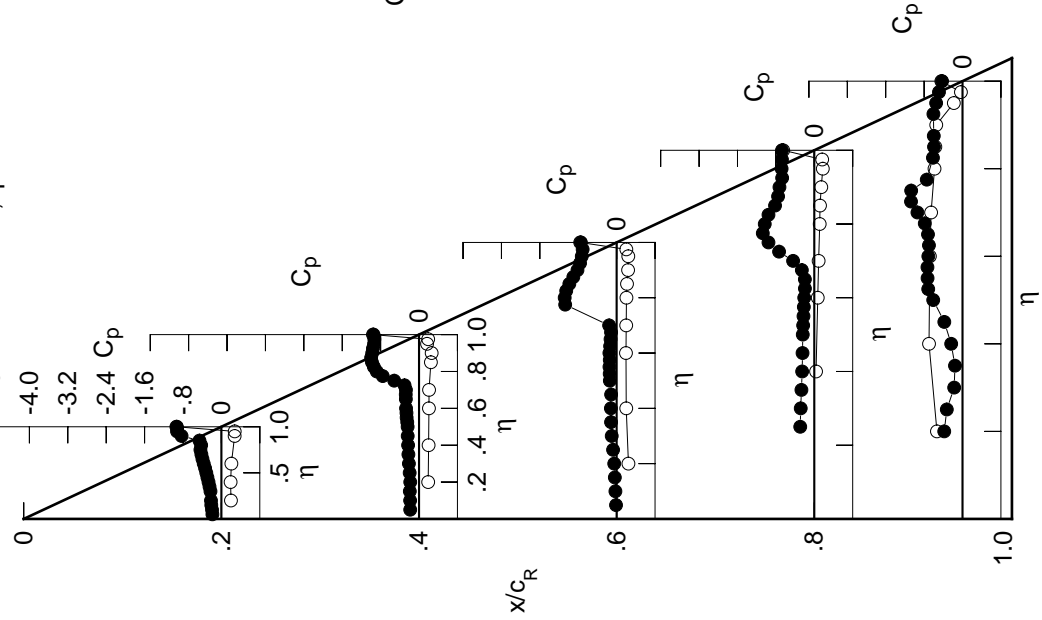


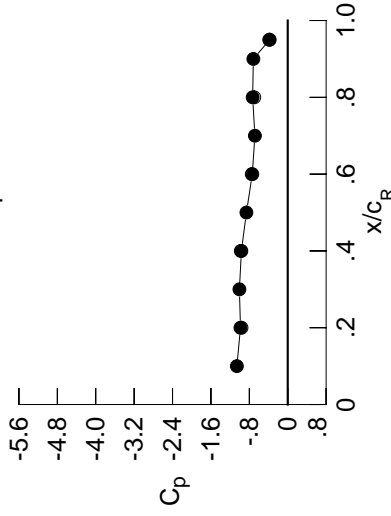
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2151	-0.2181	-0.0440	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2275	-0.2261	-0.0572	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2429	-0.2257	-0.0662	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2568	-0.2237	-0.0920	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2496	-0.1146	-0.3336	-0.2792	*****	*****	*****	*****	*****
0.300	-0.2667	-0.2584	-0.1314	-0.3090	-0.1782	*****	*****	*****	*****	*****
0.350	-0.2871	-0.2529	-0.1391	-0.2994	-0.2251	*****	*****	*****	*****	*****
0.400	-0.3089	-0.2634	-0.1426	-0.2828	-0.3271	*****	*****	*****	*****	*****
0.450	-0.3254	-0.2698	-0.1425	-0.2741	-0.5357	*****	*****	*****	*****	*****
0.500	-0.3433	-0.2697	-0.1695	-0.2665	-0.7045	*****	*****	*****	*****	*****
0.525	*****	-0.2773	-0.1713	-0.2587	-0.7337	*****	*****	*****	*****	*****
0.550	-0.3686	-0.2865	-0.1668	-0.2470	-0.7193	*****	*****	*****	*****	*****
0.575	*****	-0.2868	-0.1588	-0.2427	-0.7204	*****	*****	*****	*****	*****
0.600	-0.4023	-0.2843	-0.1627	-0.2489	-0.7266	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1438	-0.2618	-0.7648	*****	*****	*****	*****	*****
0.650	-0.4239	-0.2396	-0.1742	-0.3357	-0.8630	*****	*****	*****	*****	*****
0.675	*****	-0.2165	-0.2947	-0.5169	-0.9766	*****	*****	*****	*****	*****
0.700	-0.4359	-0.3400	-0.5973	-0.7732	-1.1021	*****	*****	*****	*****	*****
0.725	*****	-0.7668	*****	-1.0102	-1.0620	*****	*****	*****	*****	*****
0.750	-0.4251	-1.0201	*****	-1.1513	-0.7197	*****	*****	*****	*****	*****
0.775	*****	-1.0936	-1.1924	-1.0796	-0.6251	*****	*****	*****	*****	*****
0.800	-0.5115	-1.0901	-1.1662	-0.8397	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0742	-1.1275	-0.8007	-0.5874	*****	*****	*****	*****	*****
0.850	-0.8580	-1.0630	-1.0129	-0.8151	-0.5678	*****	*****	*****	*****	*****
0.875	*****	-1.0359	-0.8874	-0.7866	-0.5727	*****	*****	*****	*****	*****
0.900	-0.9956	-0.9944	-0.8391	-0.7377	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9720	-0.7842	-0.7287	-0.5498	*****	*****	*****	*****	*****
0.950	-0.9999	-0.9565	-0.7361	-0.7465	-0.4847	*****	*****	*****	*****	*****
0.975	*****	-0.9520	-0.7195	-0.7367	-0.4217	*****	*****	*****	*****	*****
1.000	-0.9847	-0.9654	-0.7381	-0.7310	-0.3756	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2204	0.2080	0.2553	*****	-0.5925	*****	*****	*****	*****	*****
-0.600	0.2110	0.2159	0.2115	0.0432	-0.6994	*****	*****	*****	*****	*****
-0.700	0.2289	0.2217	0.2037	0.0769	-0.6846	*****	*****	*****	*****	*****
-0.800	*****	0.2244	0.2107	0.0959	-0.6543	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2169	0.1221	-0.5856	*****	*****	*****	*****	*****
-0.900	0.2883	0.2712	0.2465	0.1276	-0.5652	*****	*****	*****	*****	*****
-0.950	0.2832	0.1599	0.2368	0.1480	-0.5352	*****	*****	*****	*****	*****
-0.975	*****	0.1734	0.1828	0.1475	-0.0363	*****	*****	*****	*****	*****
-1.000	-0.9633	-0.9775	-0.7496	-0.6966	-0.3855	*****	*****	*****	*****	*****

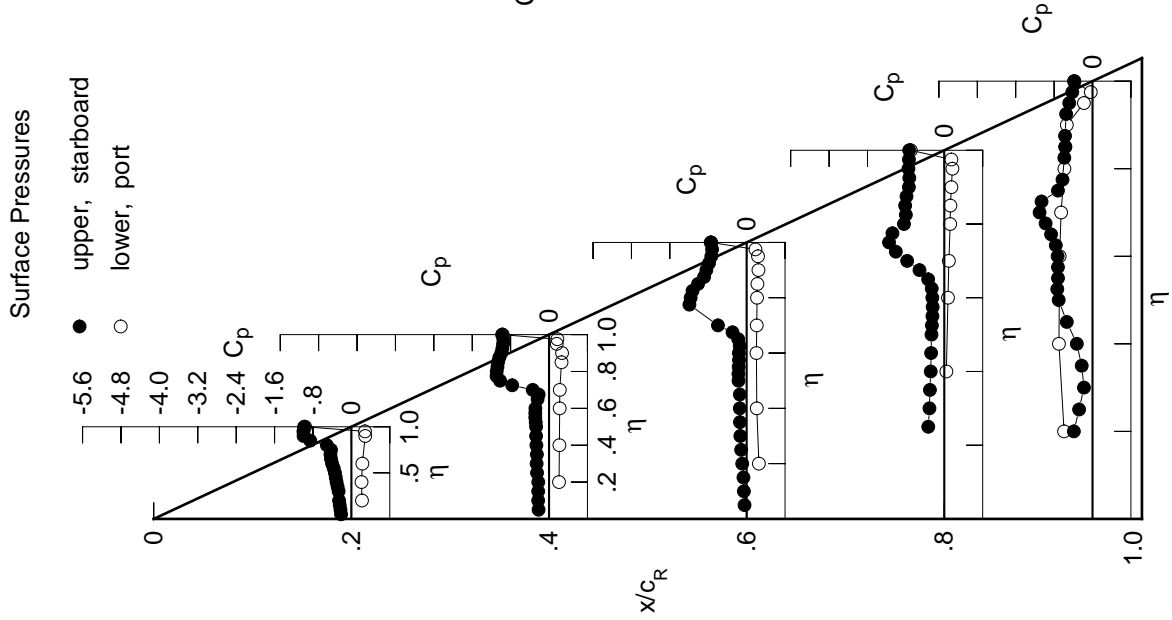
Small Radius L.E.
 Run No. = 53, Point No. = 1149
 $C_N = 0.534$, $C_m = -0.1085$
 $\alpha = 11.0^\circ$, $M_\infty = 0.850$
 $R_{mac} = 24.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0593	*****
0.20	-0.9847	-0.9633
0.30	-1.0066	*****
0.40	-0.9654	-0.9775
0.50	-0.8604	*****
0.60	-0.7381	-0.7496
0.70	-0.6840	*****
0.80	-0.7310	-0.6966
0.90	-0.7161	*****
0.95	-0.3756	-0.3855



Surface Pressures
 ● upper, starboard
 ○ lower, port

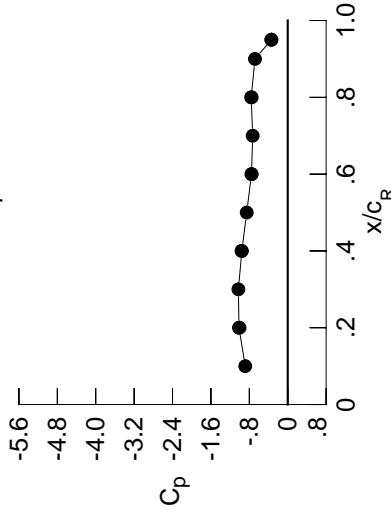
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2304	-0.2497	-0.0613	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2423	-0.2529	-0.0725	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2591	-0.2538	-0.0894	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2785	-0.2617	-0.1164	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2786	-0.1239	-0.3557	-0.2377	*****	*****	*****	*****	*****
0.300	-0.2844	-0.2773	-0.1393	-0.3292	-0.2125	*****	*****	*****	*****	*****
0.350	-0.2941	-0.2737	-0.1508	-0.3205	-0.2693	*****	*****	*****	*****	*****
0.400	-0.3137	-0.2819	-0.1589	-0.3028	-0.4075	*****	*****	*****	*****	*****
0.450	-0.3377	-0.2936	-0.1529	-0.2949	-0.6427	*****	*****	*****	*****	*****
0.500	-0.3611	-0.2902	-0.1777	-0.2841	-0.7054	*****	*****	*****	*****	*****
0.525	*****	-0.2916	-0.1753	-0.2791	-0.7182	*****	*****	*****	*****	*****
0.550	-0.3865	-0.2977	-0.1720	-0.2769	-0.7137	*****	*****	*****	*****	*****
0.575	*****	-0.2876	-0.1658	-0.2893	-0.7391	*****	*****	*****	*****	*****
0.600	-0.4108	-0.2707	-0.1899	-0.3322	-0.7880	*****	*****	*****	*****	*****
0.625	*****	*****	-0.2249	-0.4093	-0.8828	*****	*****	*****	*****	*****
0.650	-0.4133	-0.2343	-0.3972	-0.5710	-1.0211	*****	*****	*****	*****	*****
0.675	*****	-0.4662	-0.6968	-0.8014	-1.1301	*****	*****	*****	*****	*****
0.700	-0.3970	-0.9364	-0.9837	-1.0277	-1.0994	*****	*****	*****	*****	*****
0.725	*****	-1.1744	*****	-1.1937	-0.7510	*****	*****	*****	*****	*****
0.750	-0.5865	-1.2387	*****	-1.0235	-0.6346	*****	*****	*****	*****	*****
0.775	*****	-1.2312	-1.2548	-0.8659	-0.5746	*****	*****	*****	*****	*****
0.800	-0.8971	-1.1889	-1.2091	-0.8368	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1464	-1.0395	-0.8322	-0.5534	*****	*****	*****	*****	*****
0.850	-1.0391	-1.1009	-0.9200	-0.8354	-0.5323	*****	*****	*****	*****	*****
0.875	*****	-1.0466	-0.8940	-0.8003	-0.5300	*****	*****	*****	*****	*****
0.900	-1.0277	-0.9972	-0.8700	-0.7717	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9705	-0.7996	-0.7690	-0.4996	*****	*****	*****	*****	*****
0.950	-1.0305	-0.9528	-0.7621	-0.7750	-0.4325	*****	*****	*****	*****	*****
0.975	*****	-0.9470	-0.7447	-0.7654	-0.3758	*****	*****	*****	*****	*****
1.000	-1.0159	-0.9562	-0.7550	-0.7612	-0.3397	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.2515	0.2317	0.2772	*****	*****	*****	*****	*****	*****
-0.400	*****	0.2415	0.2434	0.2315	0.0605	0.0605	0.0605	0.0605	0.0605	0.0605
-0.600	*****	0.2604	0.2459	0.2243	0.0967	0.0967	0.0967	0.0967	0.0967	0.0967
-0.700	*****	*****	0.2514	0.2343	0.1143	0.1143	0.1143	0.1143	0.1143	0.1143
-0.800	*****	*****	*****	0.2376	0.1383	0.1383	0.1383	0.1383	0.1383	0.1383
-0.850	*****	*****	0.2826	0.2444	0.1450	0.1450	0.1450	0.1450	0.1450	0.1450
-0.900	*****	0.3104	0.2865	0.2625	0.1630	0.1630	0.1630	0.1630	0.1630	0.1630
-0.950	0.2983	0.1628	0.2438	0.1768	0.1683	0.1683	0.1683	0.1683	0.1683	0.1683
-0.975	*****	0.1663	0.1758	0.1405	0.0296	0.0296	0.0296	0.0296	0.0296	0.0296
-1.000	-1.0032	-0.9622	-0.7513	-0.7511	-0.3418	-0.3418	-0.3418	-0.3418	-0.3418	-0.3418

Small Radius L.E.
 Run No. = 53, Point No. = 1150
 $C_N = 0.581$, $C_m = -0.1120$
 $\alpha = 12.1^\circ$, $M_\infty = 0.851$
 $R_{mac} = 24.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.8850	*****
0.20	-1.0159	-1.0032
0.30	-1.0277	*****
0.40	-0.9562	-0.9622
0.50	-0.8544	*****
0.60	-0.7550	-0.7513
0.70	-0.7306	*****
0.80	-0.7612	-0.7511
0.90	-0.6826	*****
0.95	-0.3397	-0.3418

Surface Pressures

● upper, starboard
 ○ lower, port

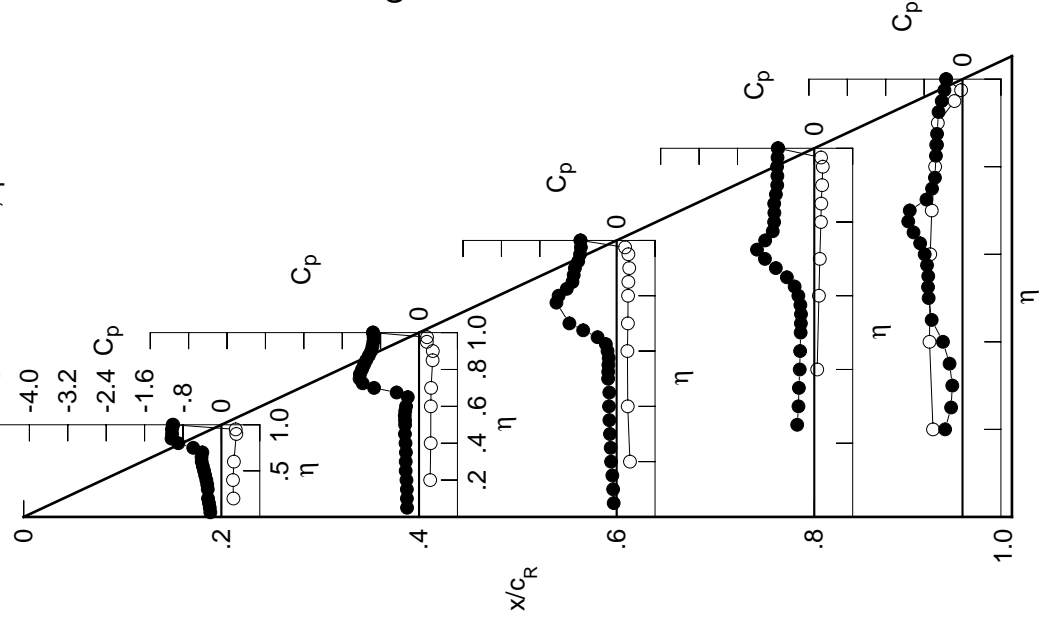


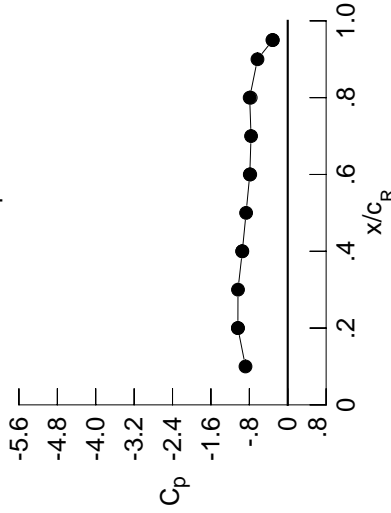
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2446	-0.2728	-0.0705	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2489	-0.2719	-0.0830	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2791	-0.2836	-0.1029	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2948	-0.2888	-0.1214	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2946	-0.1274	-0.3622	-0.2312	*****	*****	*****	*****	*****
0.300	-0.2879	-0.2920	-0.1426	-0.3395	-0.2291	*****	*****	*****	*****	*****
0.350	-0.3019	-0.2941	-0.1580	-0.3294	-0.3143	*****	*****	*****	*****	*****
0.400	-0.3239	-0.3014	-0.1663	-0.3112	-0.4717	*****	*****	*****	*****	*****
0.450	-0.3495	-0.3068	-0.1552	-0.3018	-0.6600	*****	*****	*****	*****	*****
0.500	-0.3692	-0.2953	-0.1813	-0.2997	-0.6909	*****	*****	*****	*****	*****
0.525	*****	-0.2923	-0.1804	-0.3054	-0.7113	*****	*****	*****	*****	*****
0.550	-0.3830	-0.2926	-0.1915	-0.3224	-0.7296	*****	*****	*****	*****	*****
0.575	*****	-0.2749	-0.2040	-0.3742	-0.7920	*****	*****	*****	*****	*****
0.600	-0.3768	-0.2643	-0.2088	-0.4669	-0.8827	*****	*****	*****	*****	*****
0.625	*****	*****	-0.4333	-0.6114	-1.0092	*****	*****	*****	*****	*****
0.650	-0.3609	-0.5511	-0.7118	-0.8094	-1.1465	*****	*****	*****	*****	*****
0.675	*****	-0.9880	-0.9915	-1.0233	-1.0725	*****	*****	*****	*****	*****
0.700	-0.6189	-1.2480	-1.1891	-1.1918	-0.7667	*****	*****	*****	*****	*****
0.725	*****	-1.3396	*****	-1.0029	-0.6477	*****	*****	*****	*****	*****
0.750	-0.9535	-1.3324	*****	-0.8563	-0.5682	*****	*****	*****	*****	*****
0.775	*****	-1.3043	-1.1892	-0.8452	-0.5335	*****	*****	*****	*****	*****
0.800	-1.0762	-1.2453	-1.0106	-0.8535	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1918	-0.9440	-0.8598	-0.5192	*****	*****	*****	*****	*****
0.850	-1.0993	-1.1213	-0.9272	-0.8571	-0.5017	*****	*****	*****	*****	*****
0.875	*****	-1.0506	-0.9269	-0.8186	-0.4930	*****	*****	*****	*****	*****
0.900	-1.0462	-1.0020	-0.8725	-0.8025	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9694	-0.8182	-0.8040	-0.4452	*****	*****	*****	*****	*****
0.950	-1.0483	-0.9497	-0.8039	-0.8067	-0.3850	*****	*****	*****	*****	*****
0.975	*****	-0.9457	-0.7899	-0.7991	-0.3448	*****	*****	*****	*****	*****
1.000	-1.0386	-0.9463	-0.7905	-0.7929	-0.3106	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2828	0.2593	0.2954	*****	-0.6121	*****	*****	*****	*****	*****
-0.600	0.2770	0.2694	0.2532	0.0793	-0.6748	*****	*****	*****	*****	*****
-0.700	0.2945	0.2763	0.2480	0.1174	-0.6567	*****	*****	*****	*****	*****
-0.800	*****	0.2806	0.2553	0.1334	-0.6261	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2603	0.1590	-0.5496	*****	*****	*****	*****	*****
-0.900	0.3344	0.3079	0.2794	0.1843	-0.4911	*****	*****	*****	*****	*****
-0.950	0.3175	0.1645	0.2502	0.1902	-0.1510	*****	*****	*****	*****	*****
-0.975	*****	0.1618	0.1716	0.1379	-0.0259	*****	*****	*****	*****	*****
-1.000	-1.0370	-0.9487	-0.7818	-0.7708	-0.3194	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 53, Point No. = 1151
 $C_N = 0.633$, $C_m = -0.1184$
 $\alpha = 13.1^\circ$, $M_\infty = 0.849$
 $R_{mac} = 24.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starbd C_p	port C_p
0.10	-0.8803	*****
0.20	-1.0386	*****
0.30	-1.0363	*****
0.40	-0.9463	-0.9487
0.50	-0.8675	*****
0.60	-0.7905	-0.7818
0.70	-0.7642	*****
0.80	-0.7929	-0.7708
0.90	-0.6300	*****
0.95	-0.3106	-0.3194

Surface Pressures

● upper, starboard
 ○ lower, port

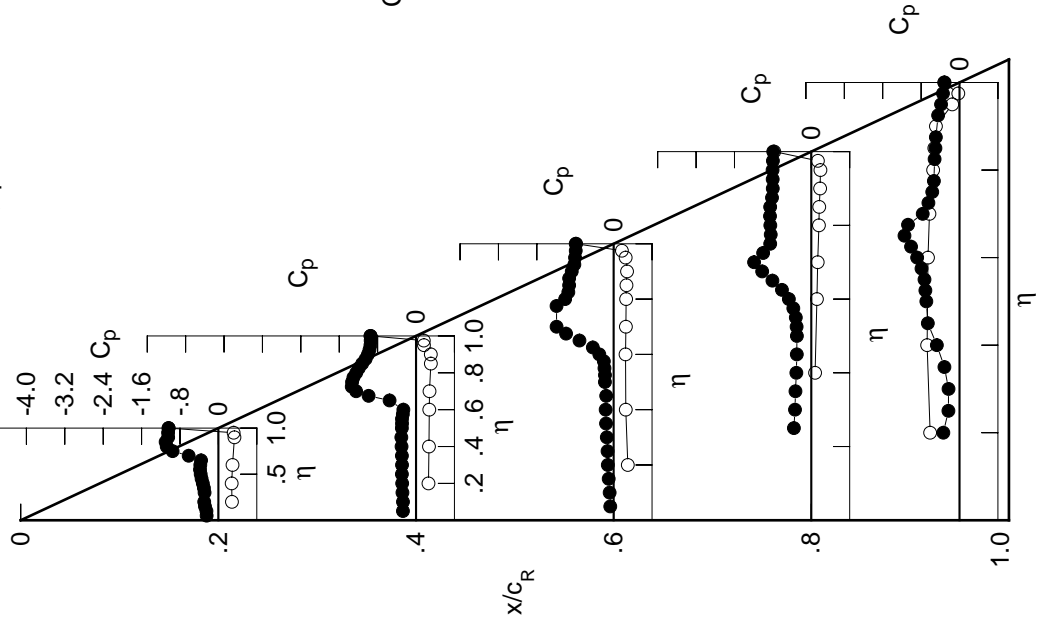
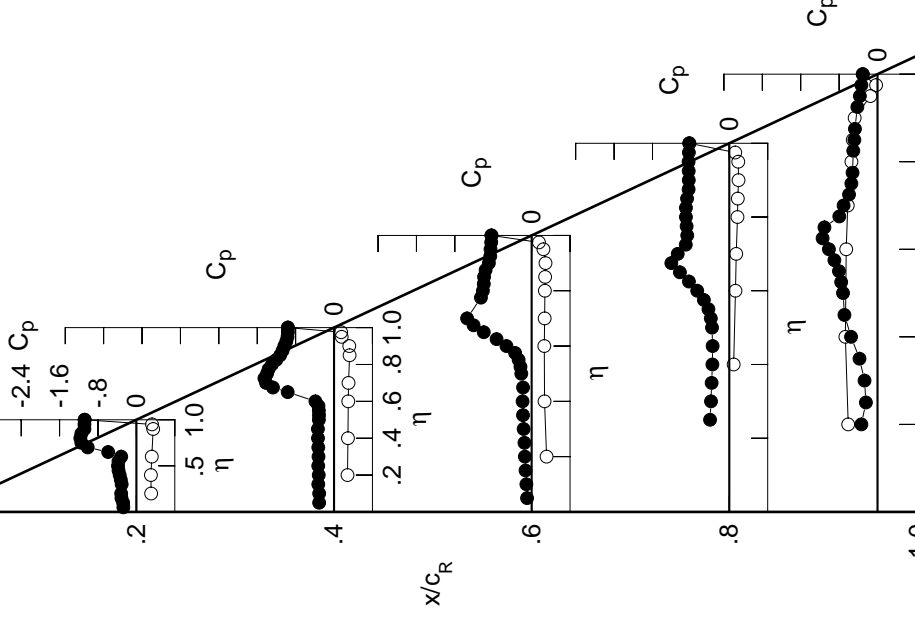
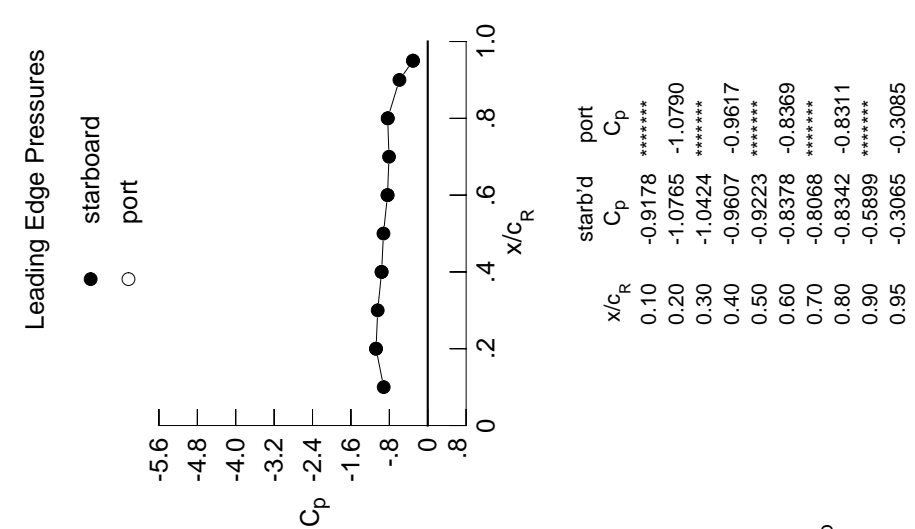


Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2713	-0.3102	-0.0952	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2757	-0.3097	-0.1100	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3114	-0.3280	-0.1271	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3169	-0.3188	-0.1411	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3291	-0.1499	-0.4006	-0.2413	*****	*****	*****	*****	*****
0.300	-0.3060	-0.3234	-0.1669	-0.3805	-0.2703	*****	*****	*****	*****	*****
0.350	-0.3251	-0.3280	-0.1802	-0.3681	-0.3749	*****	*****	*****	*****	*****
0.400	-0.3478	-0.3342	-0.1887	-0.3516	-0.5509	*****	*****	*****	*****	*****
0.450	-0.3716	-0.3356	-0.1792	-0.3476	-0.6885	*****	*****	*****	*****	*****
0.500	-0.3832	-0.3156	-0.2150	-0.3598	-0.7181	*****	*****	*****	*****	*****
0.525	*****	-0.3138	-0.2329	-0.3851	-0.7567	*****	*****	*****	*****	*****
0.550	-0.3738	-0.3172	-0.2710	-0.4344	-0.8032	*****	*****	*****	*****	*****
0.575	*****	-0.3236	-0.3438	-0.5293	-0.8984	*****	*****	*****	*****	*****
0.600	-0.3160	-0.3877	-0.5250	-0.6680	-1.0125	*****	*****	*****	*****	*****
0.625	*****	*****	-0.7305	-0.8409	-1.1437	*****	*****	*****	*****	*****
0.650	-0.5877	-0.9658	-0.9973	-1.0290	-1.1054	*****	*****	*****	*****	*****
0.675	*****	-1.2726	-1.2100	-1.2068	-0.7962	*****	*****	*****	*****	*****
0.700	-1.0138	-1.4158	-1.3445	-1.0743	-0.7063	*****	*****	*****	*****	*****
0.725	*****	-1.4503	*****	-0.9064	-0.5938	*****	*****	*****	*****	*****
0.750	-1.1465	-1.3959	*****	-0.8762	-0.5448	*****	*****	*****	*****	*****
0.775	*****	-1.3626	-1.0570	-0.8886	-0.5202	*****	*****	*****	*****	*****
0.800	-1.1677	-1.2946	-1.0151	-0.9035	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2034	-0.9970	-0.9033	-0.5048	*****	*****	*****	*****	*****
0.850	-1.1467	-1.1227	-0.9910	-0.8802	-0.4826	*****	*****	*****	*****	*****
0.875	*****	-1.0718	-0.9588	-0.8475	-0.4707	*****	*****	*****	*****	*****
0.900	-1.0825	-1.0355	-0.8912	-0.8444	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9947	-0.8615	-0.8456	-0.4201	*****	*****	*****	*****	*****
0.950	-1.0821	-0.9690	-0.8568	-0.8482	-0.3676	*****	*****	*****	*****	*****
0.975	*****	-0.9618	-0.8422	-0.8414	-0.3356	*****	*****	*****	*****	*****
1.000	-1.0765	-0.9607	-0.8378	-0.8342	-0.3065	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3073	0.2807	0.3112	*****	*****	*****	*****	*****	*****	*****
-0.600	0.3026	0.2898	0.2688	0.0910	-0.6694	*****	*****	*****	*****	*****
-0.700	0.3211	0.2964	0.2636	0.1290	-0.6519	*****	*****	*****	*****	*****
-0.800	*****	0.3020	0.2709	0.1449	-0.6197	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2763	0.1706	-0.5430	*****	*****	*****	*****	*****
-0.900	0.3494	0.3177	0.2884	0.1778	-0.5161	*****	*****	*****	*****	*****
-0.950	0.3252	0.1592	0.2452	0.1871	-0.1478	*****	*****	*****	*****	*****
-0.975	*****	0.1479	0.1523	0.1242	-0.0297	*****	*****	*****	*****	*****
-1.000	-1.0790	-0.9617	-0.8369	-0.8311	-0.3085	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 53, Point No. = 1152
 $C_N = 0.690$, $C_m = -0.1290$
 $\alpha = 14.1^\circ$, $M_\infty = 0.851$
 $R_{mac} = 24.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.9178	*****
0.20	-1.0765	-1.0790
0.30	-1.0424	*****
0.40	-0.9607	-0.9617
0.50	-0.9223	*****
0.60	-0.8378	-0.8369
0.70	-0.8068	*****
0.80	-0.8342	-0.8311
0.90	-0.5899	*****
0.95	-0.3065	-0.3085

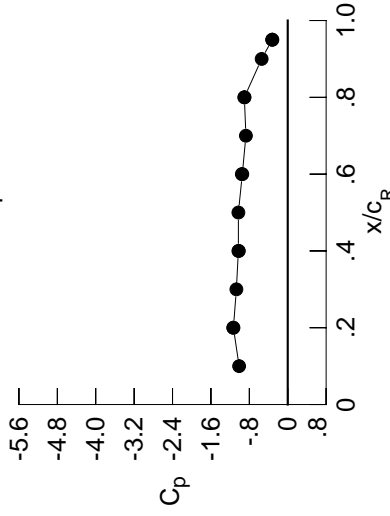
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.3173	-0.3818	-0.1340	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3338	-0.3846	-0.1484	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3530	-0.3981	-0.1593	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3563	-0.3880	-0.1732	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3937	-0.1839	-0.4719	-0.3498	*****	*****	*****	*****	*****
0.300	-0.3452	-0.3912	-0.2031	-0.4527	-0.3881	*****	*****	*****	*****	*****
0.350	-0.3685	-0.3919	-0.2171	-0.4414	-0.5075	*****	*****	*****	*****	*****
0.400	-0.3871	-0.3954	-0.2291	-0.4365	-0.6637	*****	*****	*****	*****	*****
0.450	-0.3954	-0.3981	-0.2427	-0.4588	-0.7380	*****	*****	*****	*****	*****
0.500	-0.3764	-0.3999	-0.3517	-0.5468	-0.8036	*****	*****	*****	*****	*****
0.525	*****	-0.4343	-0.4451	-0.6273	-0.8754	*****	*****	*****	*****	*****
0.550	-0.3280	-0.5232	-0.5844	-0.7407	-0.9646	*****	*****	*****	*****	*****
0.575	*****	-0.6817	-0.7550	-0.8895	-1.0877	*****	*****	*****	*****	*****
0.600	-0.6055	-0.9303	-0.9877	-1.0425	-1.2092	*****	*****	*****	*****	*****
0.625	*****	*****	-1.1612	-1.1869	-0.8359	*****	*****	*****	*****	*****
0.650	-1.2575	-1.3836	-1.3309	-1.3202	-0.7899	*****	*****	*****	*****	*****
0.675	*****	-1.5366	-1.3224	-1.1243	-0.7402	*****	*****	*****	*****	*****
0.700	-1.3483	-1.6064	-1.0919	-1.0214	-0.6601	*****	*****	*****	*****	*****
0.725	*****	-1.6109	*****	-1.0031	-0.5953	*****	*****	*****	*****	*****
0.750	-1.3430	-1.4307	*****	-0.9911	-0.5680	*****	*****	*****	*****	*****
0.775	*****	-1.3132	-1.0790	-1.0007	-0.5406	*****	*****	*****	*****	*****
0.800	-1.2862	-1.2223	-1.1006	-1.0171	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1870	-1.1136	-1.0108	-0.4944	*****	*****	*****	*****	*****
0.850	-1.2282	-1.1814	-1.0611	-0.9798	-0.4663	*****	*****	*****	*****	*****
0.875	*****	-1.1768	-1.0096	-0.9225	-0.4590	*****	*****	*****	*****	*****
0.900	-1.1508	-1.1143	-0.9922	-0.9049	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0498	-0.9881	-0.9048	-0.4266	*****	*****	*****	*****	*****
0.950	-1.1382	-1.0352	-0.9780	-0.9114	-0.3711	*****	*****	*****	*****	*****
0.975	*****	-1.0364	-0.9570	-0.9101	-0.3448	*****	*****	*****	*****	*****
1.000	-1.1316	-1.0283	-0.9464	-0.9037	-0.3236	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3635	0.3248	0.3468	*****	-0.5947	*****	*****	*****	*****	*****
-0.600	0.3602	0.3347	0.3027	0.1231	-0.6532	*****	*****	*****	*****	*****
-0.700	0.3776	0.3407	0.2993	0.1571	-0.6364	*****	*****	*****	*****	*****
-0.800	*****	0.3463	0.3050	0.1735	-0.6005	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3094	0.1979	-0.5203	*****	*****	*****	*****	*****
-0.900	*****	0.3572	0.3111	0.2048	-0.4899	*****	*****	*****	*****	*****
-0.950	0.3816	0.3383	0.3067	0.2135	-0.4450	*****	*****	*****	*****	*****
-0.975	0.3431	0.1527	0.2387	0.1857	-0.1386	*****	*****	*****	*****	*****
-1.000	*****	0.1195	0.1174	0.0997	-0.0387	*****	*****	*****	*****	*****
-1.000	-1.1343	-1.0186	-0.9563	-0.9005	-0.3199	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 53, Point No. = 1153
 $C_N = 0.797$, $C_M = -0.1433$
 $\alpha = 16.2^\circ$, $M_\infty = 0.849$
 $R_{mac} = 24.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0127	*****
0.20	-1.1316	-1.1343
0.30	-1.0699	*****
0.40	-1.0283	-1.0186
0.50	-1.0279	*****
0.60	-0.9464	-0.9563
0.70	-0.8711	*****
0.80	-0.9037	-0.9005
0.90	-0.5436	*****
0.95	-0.3236	-0.3199

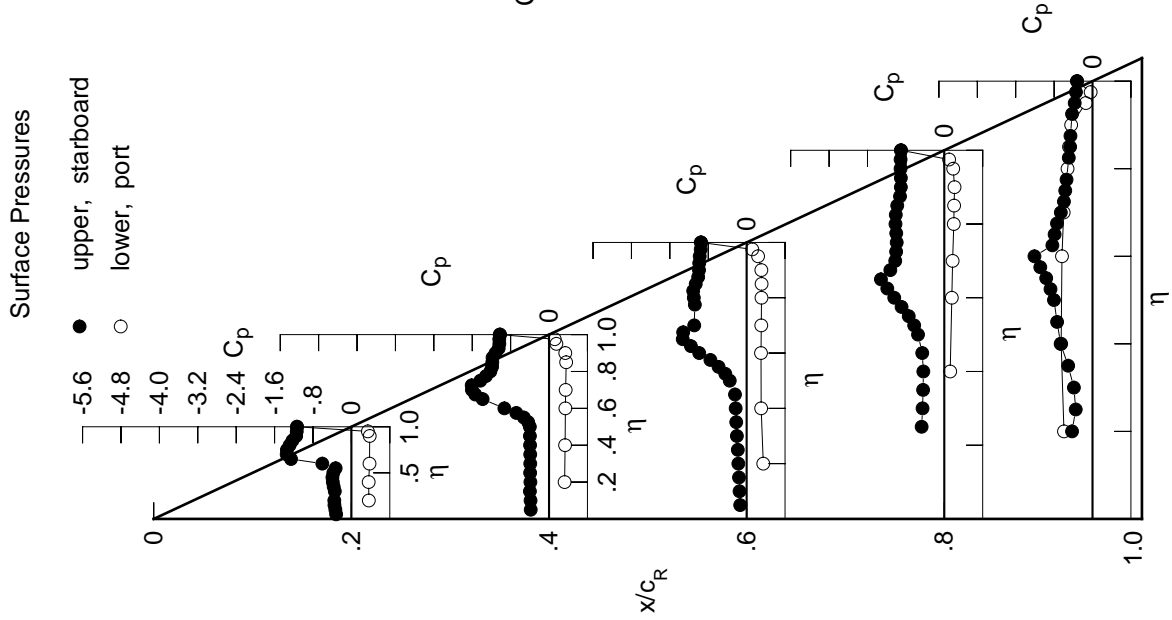


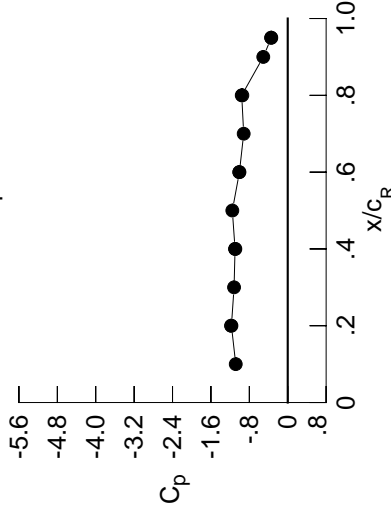
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3456	-0.4383	-0.1665	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3705	-0.4424	-0.1827	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3790	-0.4537	-0.1982	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3807	-0.4426	-0.2130	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.4518	-0.2297	-0.5153	-0.5575	*****	*****	*****	*****	*****
0.300	-0.3739	-0.4468	-0.2565	-0.5031	-0.6129	*****	*****	*****	*****	*****
0.350	-0.3948	-0.4508	-0.2902	-0.5025	-0.6562	*****	*****	*****	*****	*****
0.400	-0.4023	-0.4591	-0.3402	-0.5178	-0.6971	*****	*****	*****	*****	*****
0.450	-0.3953	-0.4975	-0.4158	-0.5880	-0.7578	*****	*****	*****	*****	*****
0.500	-0.3867	-0.5967	-0.6323	-0.7444	-0.8757	*****	*****	*****	*****	*****
0.525	*****	-0.7162	-0.7790	-0.8617	-0.9701	*****	*****	*****	*****	*****
0.550	-0.5961	-0.9057	-0.9461	-0.9948	-1.0798	*****	*****	*****	*****	*****
0.575	*****	-1.1044	-1.1103	-1.1404	-1.2083	*****	*****	*****	*****	*****
0.600	-1.2636	-1.2989	-1.2839	-1.2710	-0.9690	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4009	-1.3832	-0.7937	*****	*****	*****	*****	*****
0.650	-1.5302	-1.5529	-1.2354	-1.2527	-0.7531	*****	*****	*****	*****	*****
0.675	*****	-1.6165	-1.1285	-1.1222	-0.7019	*****	*****	*****	*****	*****
0.700	-1.4657	-1.4239	-1.1203	-1.1100	-0.6714	*****	*****	*****	*****	*****
0.725	*****	-1.3993	*****	-1.1222	-0.6510	*****	*****	*****	*****	*****
0.750	-1.4402	-1.4037	*****	-1.1402	-0.6394	*****	*****	*****	*****	*****
0.775	*****	-1.4155	-1.1561	-1.1507	-0.5898	*****	*****	*****	*****	*****
0.800	-1.3671	-1.4172	-1.1843	-1.1370	*****	*****	*****	*****	*****	*****
0.825	*****	-1.3739	-1.1586	-1.1065	-0.4895	*****	*****	*****	*****	*****
0.850	-1.2717	-1.2954	-1.0970	-1.0724	-0.4537	*****	*****	*****	*****	*****
0.875	*****	-1.2093	-1.0677	-1.0043	-0.4576	*****	*****	*****	*****	*****
0.900	-1.2066	-1.1421	-1.0689	-0.9665	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1095	-1.0679	-0.9553	-0.4525	*****	*****	*****	*****	*****
0.950	-1.1865	-1.1035	-1.0558	-0.9625	-0.3834	*****	*****	*****	*****	*****
0.975	*****	-1.1044	-1.0301	-0.9633	-0.3613	*****	*****	*****	*****	*****
1.000	-1.1730	-1.0974	-1.0063	-0.9584	-0.3421	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4258	0.3776	0.3878	*****	-0.5635	*****	*****	*****	*****	*****
-0.600	0.4241	0.3862	0.3472	0.1576	-0.6240	*****	*****	*****	*****	*****
-0.700	0.4374	0.3926	0.3426	0.1946	-0.6065	*****	*****	*****	*****	*****
-0.800	*****	0.3972	0.3467	0.2112	-0.5705	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3476	0.2323	-0.4874	*****	*****	*****	*****	*****
-0.900	*****	0.3925	0.3450	0.2365	-0.4572	*****	*****	*****	*****	*****
-0.950	0.4159	0.3594	0.3301	0.2388	-0.4119	*****	*****	*****	*****	*****
-0.975	0.3647	0.1495	0.2368	0.1916	-0.1243	*****	*****	*****	*****	*****
-1.000	*****	0.0951	0.0942	0.0817	-0.0464	*****	*****	*****	*****	*****
-1.000	-1.1812	-1.0914	-1.0106	-0.9456	-0.3462	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 53, Point No. = 1154
 $C_N = 0.909$, $C_m = -0.1621$
 $\alpha = 18.2^\circ$, $M_\infty = 0.848$
 $R_{mac} = 23.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0829	*****
0.20	-1.1730	-1.1812
0.30	-1.1181	*****
0.40	-1.0974	-1.0914
0.50	-1.1541	*****
0.60	-1.0063	-1.0106
0.70	-0.9175	*****
0.80	-0.9584	-0.9456
0.90	-0.5093	*****
0.95	-0.3421	-0.3462

Surface Pressures

● upper, starboard
 ○ lower, port

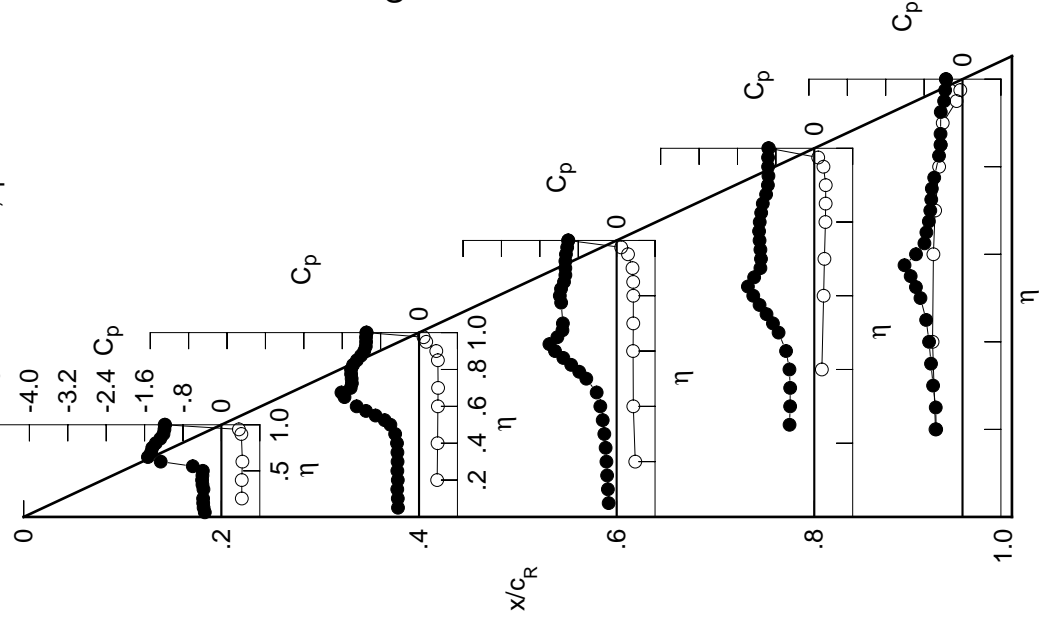
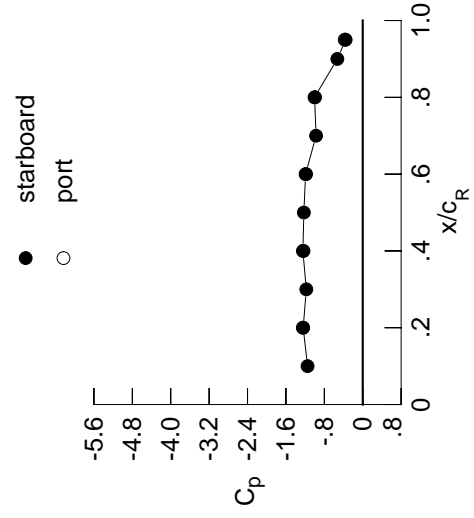


Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.4208	-0.5168	-0.4126	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4430	-0.5233	-0.4240	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4561	-0.5330	-0.4305	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4550	-0.5253	-0.4572	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.5368	-0.4869	-0.6034	-0.4810	*****	*****	*****	*****	*****
0.300	-0.4447	-0.5386	-0.5230	-0.5931	-0.5390	*****	*****	*****	*****	*****
0.350	-0.4625	-0.5562	-0.5730	-0.6041	-0.5752	*****	*****	*****	*****	*****
0.400	-0.4726	-0.6002	-0.6509	-0.6469	-0.6363	*****	*****	*****	*****	*****
0.450	-0.5017	-0.7154	-0.7896	-0.7567	-0.7402	*****	*****	*****	*****	*****
0.500	-0.6855	-0.9165	-1.0388	-0.9471	-0.9121	*****	*****	*****	*****	*****
0.525	*****	-1.0628	-1.1763	-1.0611	-1.0249	*****	*****	*****	*****	*****
0.550	-1.1920	-1.2444	-1.3025	-1.1819	-1.1474	*****	*****	*****	*****	*****
0.575	*****	-1.3894	-1.4182	-1.3039	-1.2706	*****	*****	*****	*****	*****
0.600	-1.5759	-1.5115	-1.5244	-1.4115	-0.8891	*****	*****	*****	*****	*****
0.625	*****	*****	-1.5832	-1.5009	-0.7499	*****	*****	*****	*****	*****
0.650	-1.6957	-1.4518	-1.3487	-1.2363	-0.7101	*****	*****	*****	*****	*****
0.675	*****	-1.3887	-1.3298	-1.2048	-0.6986	*****	*****	*****	*****	*****
0.700	-1.5462	-1.3841	-1.3176	-1.1958	-0.6956	*****	*****	*****	*****	*****
0.725	*****	-1.3830	*****	-1.1911	-0.6763	*****	*****	*****	*****	*****
0.750	-1.4936	-1.3977	*****	-1.1956	-0.6529	*****	*****	*****	*****	*****
0.775	*****	-1.4277	-1.3241	-1.2181	-0.5873	*****	*****	*****	*****	*****
0.800	-1.3825	-1.4808	-1.3455	-1.2212	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4357	-1.3323	-1.1955	-0.5337	*****	*****	*****	*****	*****
0.850	-1.3271	-1.3197	-1.2735	-1.1625	-0.5065	*****	*****	*****	*****	*****
0.875	*****	-1.2533	-1.2257	-1.0751	-0.5009	*****	*****	*****	*****	*****
0.900	-1.2855	-1.2454	-1.2097	-1.0166	*****	*****	*****	*****	*****	*****
0.925	*****	-1.2454	-1.2042	-0.9949	-0.4876	*****	*****	*****	*****	*****
0.950	-1.2552	-1.2452	-1.2031	-1.0047	-0.4127	*****	*****	*****	*****	*****
0.975	*****	-1.2462	-1.1912	-1.0071	-0.3806	*****	*****	*****	*****	*****
1.000	-1.2404	-1.2468	-1.1906	-1.0036	-0.3556	*****	*****	*****	*****	*****
-0.200	0.4781	0.4226	0.4215	*****	-0.5458	*****	*****	*****	*****	*****
-0.400	0.4746	0.4308	0.3795	0.1868	-0.6051	*****	*****	*****	*****	*****
-0.600	0.4853	0.4327	0.3750	0.2219	-0.5873	*****	*****	*****	*****	*****
-0.700	*****	0.4337	0.3784	0.2346	-0.5489	*****	*****	*****	*****	*****
-0.800	*****	*****	0.3739	0.2558	-0.4654	*****	*****	*****	*****	*****
-0.850	*****	0.4134	0.3642	0.2558	-0.4354	*****	*****	*****	*****	*****
-0.900	0.4360	0.3668	0.3371	0.2473	-0.3867	*****	*****	*****	*****	*****
-0.950	0.3710	0.1397	0.2190	0.1780	-0.1224	*****	*****	*****	*****	*****
-0.975	*****	0.0578	0.0534	0.0504	-0.0635	*****	*****	*****	*****	*****
-1.000	-1.2475	-1.2336	-1.1799	-0.9934	-0.3754	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 53, Point No. = 1155
 $C_N = 1.028$, $C_m = -0.1860$
 $\alpha = 20.2^\circ$, $M_\infty = 0.849$
 $R_{mac} = 23.9 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1499	*****
0.20	-1.2404	-1.2475
0.30	-1.1754	*****
0.40	-1.2468	-1.2336
0.50	-1.2262	*****
0.60	-1.1906	-1.1799
0.70	-0.9717	*****
0.80	-1.0036	-0.9934
0.90	-0.5287	*****
0.95	-0.3556	-0.3754

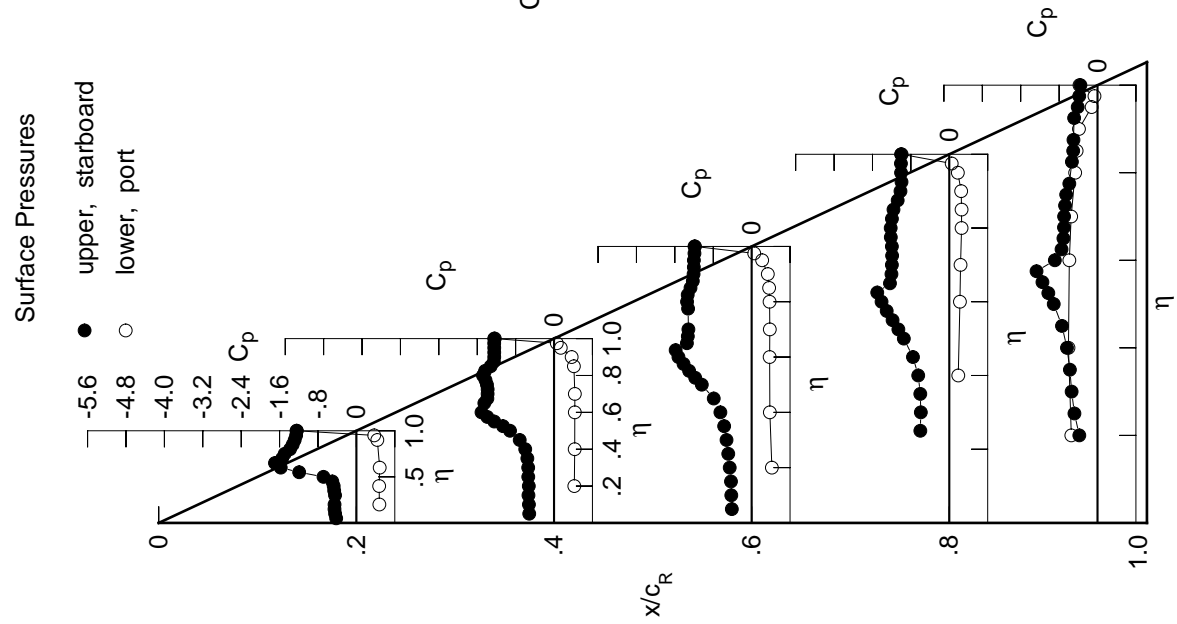


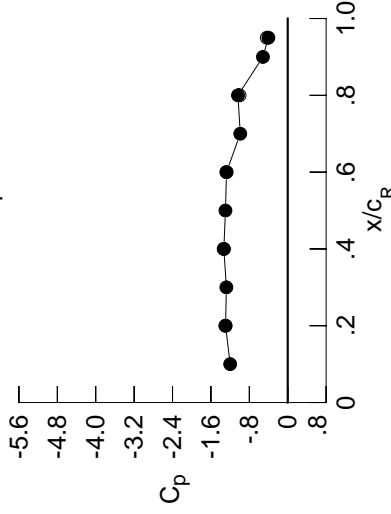
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5055	-0.5994	-0.5760	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5238	-0.6017	-0.5795	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5370	-0.6095	-0.5826	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5384	-0.6073	-0.5888	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6224	-0.6028	-0.5866	-0.4206	*****	*****	*****	*****	*****
0.300	-0.5316	-0.6408	-0.6399	-0.6128	-0.5137	*****	*****	*****	*****	*****
0.350	-0.5548	-0.6821	-0.7052	-0.6687	-0.5714	*****	*****	*****	*****	*****
0.400	-0.5999	-0.7740	-0.8269	-0.7633	-0.6658	*****	*****	*****	*****	*****
0.450	-0.7458	-0.9438	-1.0130	-0.9178	-0.8060	*****	*****	*****	*****	*****
0.500	-1.0923	-1.1642	-1.2618	-1.1185	-0.9947	*****	*****	*****	*****	*****
0.525	*****	-1.2803	-1.3732	-1.2226	-1.1070	*****	*****	*****	*****	*****
0.550	-1.4739	-1.4300	-1.4761	-1.3234	-1.2081	*****	*****	*****	*****	*****
0.575	*****	-1.5302	-1.5578	-1.4233	-0.8676	*****	*****	*****	*****	*****
0.600	-1.7003	-1.6203	-1.6349	-1.5091	-0.7525	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4657	-1.5774	-0.7082	*****	*****	*****	*****	*****
0.650	-1.7585	-1.3910	-1.4240	-1.3254	-0.6721	*****	*****	*****	*****	*****
0.675	*****	-1.3928	-1.4172	-1.2973	-0.6170	*****	*****	*****	*****	*****
0.700	-1.6057	-1.3995	-1.4107	-1.2856	-0.5576	*****	*****	*****	*****	*****
0.725	*****	-1.4074	*****	-1.2723	-0.5058	*****	*****	*****	*****	*****
0.750	-1.5014	-1.4296	*****	-1.2620	-0.4958	*****	*****	*****	*****	*****
0.775	*****	-1.4726	-1.4290	-1.2711	-0.5093	*****	*****	*****	*****	*****
0.800	-1.4010	-1.4769	-1.4418	-1.2837	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4138	-1.4275	-1.2832	-0.5966	*****	*****	*****	*****	*****
0.850	-1.3762	-1.3560	-1.3694	-1.2832	-0.5700	*****	*****	*****	*****	*****
0.875	*****	-1.3319	-1.3141	-1.1914	-0.5664	*****	*****	*****	*****	*****
0.900	-1.3247	-1.3378	-1.2906	-1.0914	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3410	-1.2839	-1.0317	-0.5502	*****	*****	*****	*****	*****
0.950	-1.3070	-1.3372	-1.2843	-1.0374	-0.4706	*****	*****	*****	*****	*****
0.975	*****	-1.3331	-1.2724	-1.0453	-0.4320	*****	*****	*****	*****	*****
1.000	-1.2946	-1.3308	-1.2757	-1.0368	-0.4034	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5407	0.4697	0.4573	*****	-0.5211	*****	*****	*****	*****	*****
-0.600	0.5302	0.4763	0.4154	0.2213	-0.5815	*****	*****	*****	*****	*****
-0.700	0.5355	0.4747	0.4093	0.2529	-0.5619	*****	*****	*****	*****	*****
-0.800	*****	0.4759	0.4143	0.2639	-0.5237	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4043	0.2808	-0.4395	*****	*****	*****	*****	*****
-0.900	0.4598	0.3781	0.3882	0.2786	-0.4117	*****	*****	*****	*****	*****
-0.950	0.3830	0.1231	0.2068	0.2622	-0.3626	*****	*****	*****	*****	*****
-0.975	*****	0.0288	0.0233	0.0259	-0.0843	*****	*****	*****	*****	*****
-1.000	-1.2989	-1.3336	-1.2749	-1.0039	-0.4361	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 53, Point No. = 1156
 $C_N = 1.134$, $C_m = -0.2040$
 $\alpha = 22.3^\circ$, $M_\infty = 0.849$
 $R_{mac} = 23.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1996	*****
0.20	-1.2946	-1.2989
0.30	-1.2785	*****
0.40	-1.3308	-1.3336
0.50	-1.2977	*****
0.60	-1.2757	-1.2749
0.70	-0.9892	*****
0.80	-1.0368	-1.0039
0.90	-0.5166	*****
0.95	-0.4034	-0.4361

Surface Pressures

● upper, starboard
 ○ lower, port

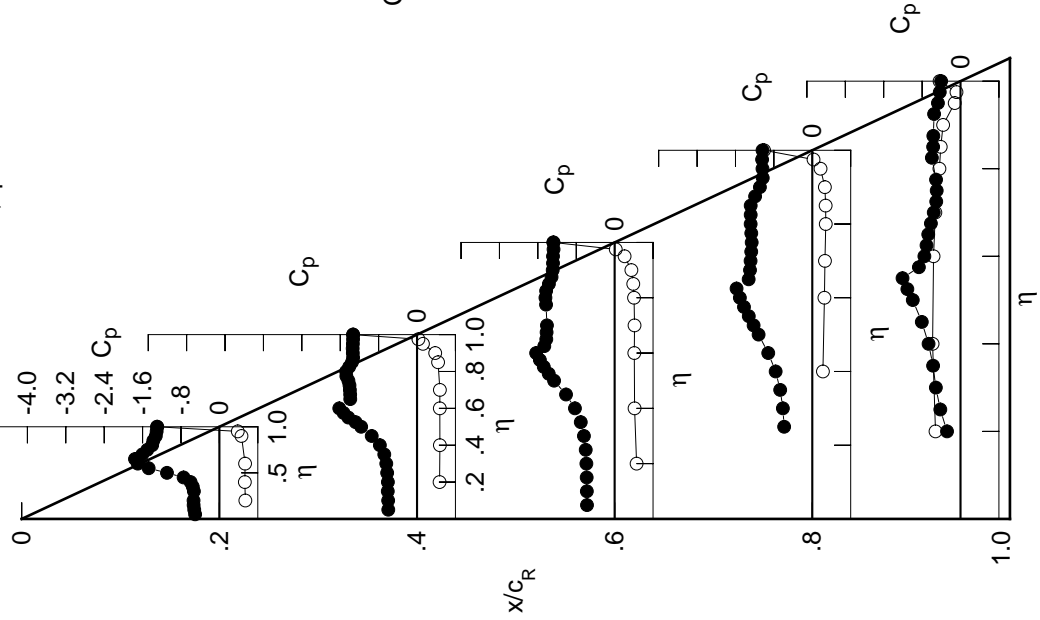


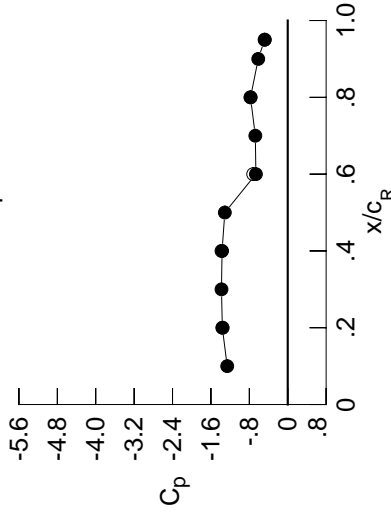
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5815	-0.6546	0.0011	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5992	-0.6591	-0.0133	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6139	-0.6685	-0.0196	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6266	-0.6695	-0.0445	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6964	-0.0741	-0.7273	-0.6573	*****	*****	*****	*****	*****
0.300	-0.6361	-0.7353	-0.1445	-0.7501	-0.7039	*****	*****	*****	*****	*****
0.350	-0.6882	-0.8110	-0.2532	-0.8183	-0.7527	*****	*****	*****	*****	*****
0.400	-0.8044	-0.9471	-0.4318	-0.8451	-0.7985	*****	*****	*****	*****	*****
0.450	-1.0384	-1.1491	-0.6608	-0.8888	-0.8225	*****	*****	*****	*****	*****
0.500	-1.3574	-1.3440	-0.9769	-0.9158	-0.7865	*****	*****	*****	*****	*****
0.525	*****	-1.4329	-1.1178	-0.9219	-0.7977	*****	*****	*****	*****	*****
0.550	-1.6142	-1.5686	-1.2370	-0.9150	-0.7748	*****	*****	*****	*****	*****
0.575	*****	-1.6290	-1.3437	-0.9229	-0.7840	*****	*****	*****	*****	*****
0.600	-1.7311	-1.6912	-1.4190	-0.9348	-0.7757	*****	*****	*****	*****	*****
0.625	*****	*****	-1.2682	-0.9220	-0.7780	*****	*****	*****	*****	*****
0.650	-1.5771	-1.4735	-1.1208	-0.9122	-0.7752	*****	*****	*****	*****	*****
0.675	*****	-1.4714	-1.0608	-0.9066	-0.7538	*****	*****	*****	*****	*****
0.700	-1.5879	-1.4686	-1.0250	-0.8886	-0.7490	*****	*****	*****	*****	*****
0.725	*****	-1.4720	*****	-0.8711	-0.7365	*****	*****	*****	*****	*****
0.750	-1.6369	-1.4857	*****	-0.8405	-0.7258	*****	*****	*****	*****	*****
0.775	*****	-1.5207	-0.8760	-0.8383	-0.7056	*****	*****	*****	*****	*****
0.800	-1.5675	-1.5276	-0.8514	-0.8318	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4723	-0.8539	-0.8270	-0.6782	*****	*****	*****	*****	*****
0.850	-1.3971	-1.4125	-0.8392	-0.8176	-0.6514	*****	*****	*****	*****	*****
0.875	*****	-1.3814	-0.7814	-0.8107	-0.6340	*****	*****	*****	*****	*****
0.900	-1.3664	-1.3798	-0.7152	-0.8086	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3809	-0.6739	-0.7903	-0.6049	*****	*****	*****	*****	*****
0.950	-1.3694	-1.3766	-0.6618	-0.7865	-0.5494	*****	*****	*****	*****	*****
0.975	*****	-1.3717	-0.6490	-0.7819	-0.5121	*****	*****	*****	*****	*****
1.000	-1.3625	-1.3683	-0.6631	-0.7752	-0.4818	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5910	0.5138	0.4923	*****	-0.5315	*****	*****	*****	*****	*****
-0.400	0.5835	0.5210	0.4534	0.2409	-0.5881	*****	*****	*****	*****	*****
-0.600	0.5833	0.5174	0.4471	0.2715	-0.5678	*****	*****	*****	*****	*****
-0.700	*****	0.5157	0.4509	0.2834	-0.5287	*****	*****	*****	*****	*****
-0.800	*****	*****	0.4406	0.2964	-0.4508	*****	*****	*****	*****	*****
-0.850	*****	0.4616	0.4213	0.2945	-0.4228	*****	*****	*****	*****	*****
-0.900	0.4800	0.3903	0.3791	0.2744	-0.3770	*****	*****	*****	*****	*****
-0.950	0.3907	0.1408	0.2343	0.1820	-0.1471	*****	*****	*****	*****	*****
-0.975	*****	0.0056	0.0543	0.0406	-0.1211	*****	*****	*****	*****	*****
-1.000	-1.3559	-1.3804	-0.7198	-0.7733	-0.4776	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 53, Point No. = 1157
 $C_N = 1.099$, $C_m = -0.1887$
 $\alpha = 24.3^\circ$, $M_\infty = 0.848$
 $R_{mac} = 23.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2611	*****
0.20	-1.3625	-1.3559
0.30	-1.3802	*****
0.40	-1.3683	-1.3804
0.50	-1.3106	*****
0.60	-0.6631	-0.7198
0.70	-0.6753	*****
0.80	-0.7752	-0.7733
0.90	-0.6142	*****
0.95	-0.4818	-0.4776

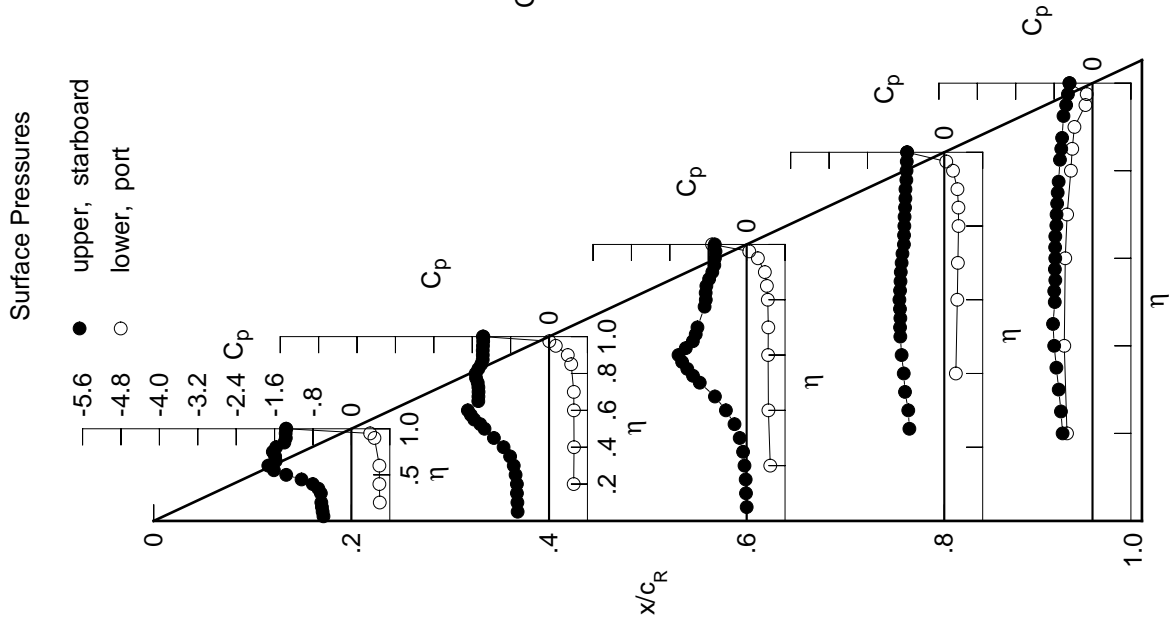


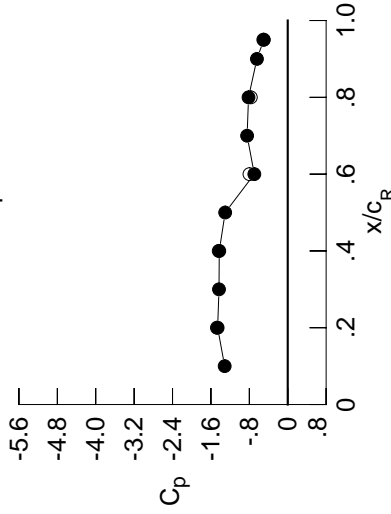
Table C3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.6763	-0.7212	-0.0236	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6821	-0.7321	-0.0371	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6889	-0.7393	-0.0399	*****	*****	*****	*****	*****	*****	*****
0.200	-0.7075	-0.7525	-0.0624	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.7945	-0.0992	-1.0735	-0.7824	*****	*****	*****	*****	*****
0.300	-0.7625	-0.8542	-0.1827	-1.0784	-0.8483	*****	*****	*****	*****	*****
0.350	-0.8625	-0.9565	-0.3071	-1.0832	-0.8668	*****	*****	*****	*****	*****
0.400	-1.0339	-1.1179	-0.4978	-1.0360	-0.8389	*****	*****	*****	*****	*****
0.450	-1.2711	-1.3161	-0.7299	-0.9782	-0.8068	*****	*****	*****	*****	*****
0.500	-1.5141	-1.4793	-1.0149	-0.9431	-0.7727	*****	*****	*****	*****	*****
0.525	*****	-1.5483	-1.1378	-0.9457	-0.7974	*****	*****	*****	*****	*****
0.550	-1.6935	-1.6630	-1.2421	-0.9441	-0.7933	*****	*****	*****	*****	*****
0.575	*****	-1.7074	-1.3275	-0.9707	-0.8091	*****	*****	*****	*****	*****
0.600	-1.5562	-1.7375	-1.3955	-0.9911	-0.8058	*****	*****	*****	*****	*****
0.625	*****	*****	-1.2311	-0.9855	-0.8127	*****	*****	*****	*****	*****
0.650	-1.5527	-1.5408	-1.0637	-0.9875	-0.8101	*****	*****	*****	*****	*****
0.675	*****	-1.5449	-1.0016	-0.9980	-0.7920	*****	*****	*****	*****	*****
0.700	-1.5694	-1.5414	-0.9378	-0.9941	-0.7879	*****	*****	*****	*****	*****
0.725	*****	-1.5446	*****	-0.9807	-0.7811	*****	*****	*****	*****	*****
0.750	-1.6459	-1.5588	*****	-0.9501	-0.7685	*****	*****	*****	*****	*****
0.775	*****	-1.6030	-0.7568	-0.9490	-0.7487	*****	*****	*****	*****	*****
0.800	-1.5405	-1.6268	-0.7376	-0.9385	*****	*****	*****	*****	*****	*****
0.825	*****	-1.5729	-0.7331	-0.9330	-0.7149	*****	*****	*****	*****	*****
0.850	-1.4549	-1.4867	-0.7434	-0.9148	-0.6859	*****	*****	*****	*****	*****
0.875	*****	-1.4314	-0.7458	-0.8970	-0.6645	*****	*****	*****	*****	*****
0.900	-1.4788	-1.4254	-0.7238	-0.8902	*****	*****	*****	*****	*****	*****
0.925	*****	-1.4294	-0.6976	-0.8688	-0.6265	*****	*****	*****	*****	*****
0.950	-1.4734	-1.4280	-0.6903	-0.8511	-0.5776	*****	*****	*****	*****	*****
0.975	*****	-1.4265	-0.6856	-0.8342	-0.5390	*****	*****	*****	*****	*****
1.000	-1.4605	-1.4264	-0.6962	-0.8169	-0.4980	*****	*****	*****	*****	*****
-0.200	0.6447	0.5622	0.5303	*****	-0.5063	*****	*****	*****	*****	*****
-0.400	0.6306	0.5673	0.4897	0.2767	-0.5566	*****	*****	*****	*****	*****
-0.600	0.6284	0.5594	0.4821	0.3029	-0.5400	*****	*****	*****	*****	*****
-0.700	*****	0.5525	0.4816	0.3103	-0.4988	*****	*****	*****	*****	*****
-0.800	*****	*****	0.4659	0.3221	-0.4221	*****	*****	*****	*****	*****
-0.850	*****	0.4818	0.4402	0.3138	-0.3979	*****	*****	*****	*****	*****
-0.900	0.4962	0.3966	0.3860	0.2847	-0.3511	*****	*****	*****	*****	*****
-0.950	-0.3951	0.1129	0.2210	0.1722	-0.1428	*****	*****	*****	*****	*****
-0.975	*****	-0.0195	0.0244	0.0133	-0.1379	*****	*****	*****	*****	*****
-1.000	-1.4749	-1.4375	-0.7979	-0.7684	-0.5088	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 53, Point No. = 1158
 $C_N = 1.196$, $C_m = -0.2058$
 $\alpha = 26.3^\circ$, $M_\infty = 0.849$
 $R_{mac} = 23.8 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.3135	*****
0.20	-1.4605	-1.4749
0.30	-1.4319	*****
0.40	-1.4264	-1.4375
0.50	-1.3030	*****
0.60	-0.6962	-0.7979
0.70	-0.8463	*****
0.80	-0.8169	-0.7684
0.90	-0.6413	*****
0.95	-0.4980	-0.5088

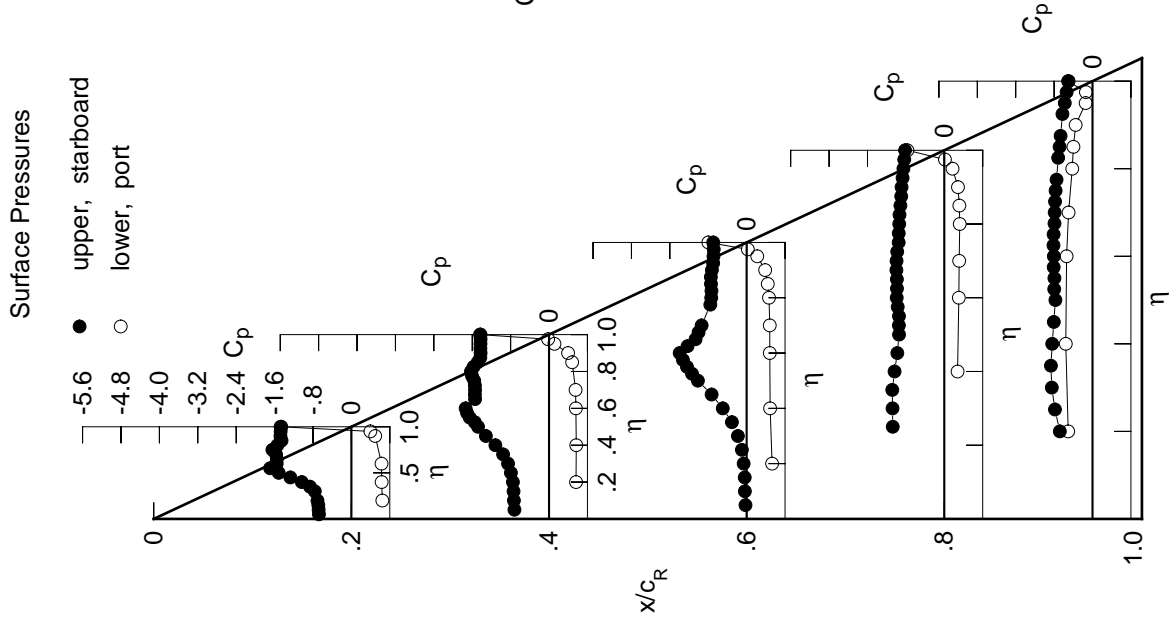


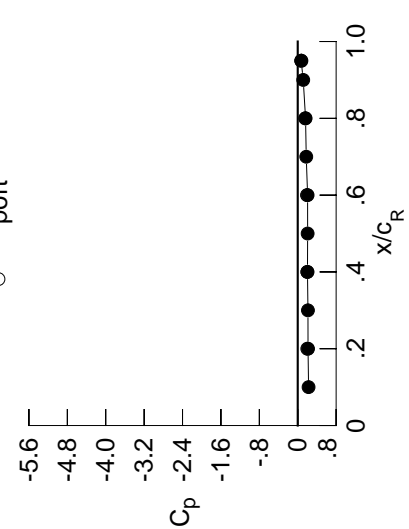
Table C3. Concluded.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0100	-0.0045	0.1231	*****	*****
0.100	-0.0152	-0.0086	0.1102	*****	*****
0.150	-0.0227	-0.0074	0.1011	*****	*****
0.200	-0.0268	-0.0017	0.0865	*****	-0.2915
0.250	*****	-0.0081	0.0800	-0.1391	-0.3687
0.300	-0.0239	-0.0073	0.0605	-0.1205	-0.4449
0.350	-0.0318	-0.0054	0.0515	-0.1136	-0.5300
0.400	-0.0422	-0.0126	0.0459	-0.1001	-0.6032
0.450	-0.0500	-0.0178	0.0471	-0.0962	-0.6287
0.500	-0.0573	-0.0131	0.0236	-0.0911	-0.6174
0.525	*****	-0.0212	0.0247	-0.0886	-0.6369
0.550	-0.0584	-0.0263	0.0187	-0.0820	-0.6282
0.575	*****	-0.0250	0.0208	-0.0834	-0.6396
0.600	-0.0635	-0.0285	0.0114	-0.0842	-0.6518
0.625	*****	*****	0.0152	-0.0792	-0.6744
0.650	-0.0600	-0.0281	0.0014	-0.0784	-0.7057
0.675	*****	-0.0377	0.0014	-0.0830	-0.7105
0.700	-0.0520	-0.0483	0.0001	-0.0845	-0.7318
0.725	*****	-0.0517	*****	-0.0777	-0.7413
0.750	-0.0435	-0.0629	*****	-0.0752	-0.7497
0.775	*****	-0.0697	-0.0221	-0.0855	-0.7324
0.800	-0.0186	-0.0718	-0.0368	-0.0990	*****
0.825	*****	-0.0669	-0.0487	-0.0943	-0.6484
0.850	0.0094	-0.0619	-0.0535	-0.1076	-0.6644
0.875	*****	-0.0510	-0.0609	-0.1204	-0.7801
0.900	0.0534	-0.0303	-0.0585	-0.1299	*****
0.925	*****	0.0014	-0.0347	-0.1144	-0.9459
0.950	0.0911	0.0371	-0.0018	-0.0811	-0.3533
0.975	*****	0.0814	0.0655	-0.0179	-0.1882
1.000	0.2145	0.2030	0.2056	0.1630	0.0715
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0247	-0.0064	0.0920	*****	-0.4152
-0.400	-0.0570	-0.0062	0.0332	-0.1112	-0.4965
-0.600	-0.0790	-0.0304	0.0024	-0.0865	-0.6449
-0.700	*****	-0.0630	-0.0128	-0.0879	-0.7155
-0.800	*****	*****	-0.0589	-0.0977	-0.6526
-0.850	*****	-0.0875	-0.0835	-0.1318	-0.6751
-0.900	-0.0118	-0.0582	-0.0869	-0.1611	-0.8342
-0.950	0.0231	0.0154	-0.0349	-0.1223	-0.3814
-0.975	*****	0.0622	0.0216	-0.0515	-0.2246
-1.000	0.1993	0.1993	0.1927	0.1570	0.0772

Small Radius L.E.
 Run No. = 53, Point No. = 1159
 $C_N = 0.009$, $C_m = -0.0154$
 $\alpha = -0.2^\circ$, $M_\infty = 0.846$
 $R_{mac} = 24.1 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	0.2259	*****
0.20	0.2145	0.1993
0.30	0.2130	*****
0.40	0.2030	0.1993
0.50	0.2063	*****
0.60	0.2056	0.1927
0.70	0.1773	*****
0.80	0.1630	0.1570
0.90	0.1147	*****
0.95	0.0715	0.0772

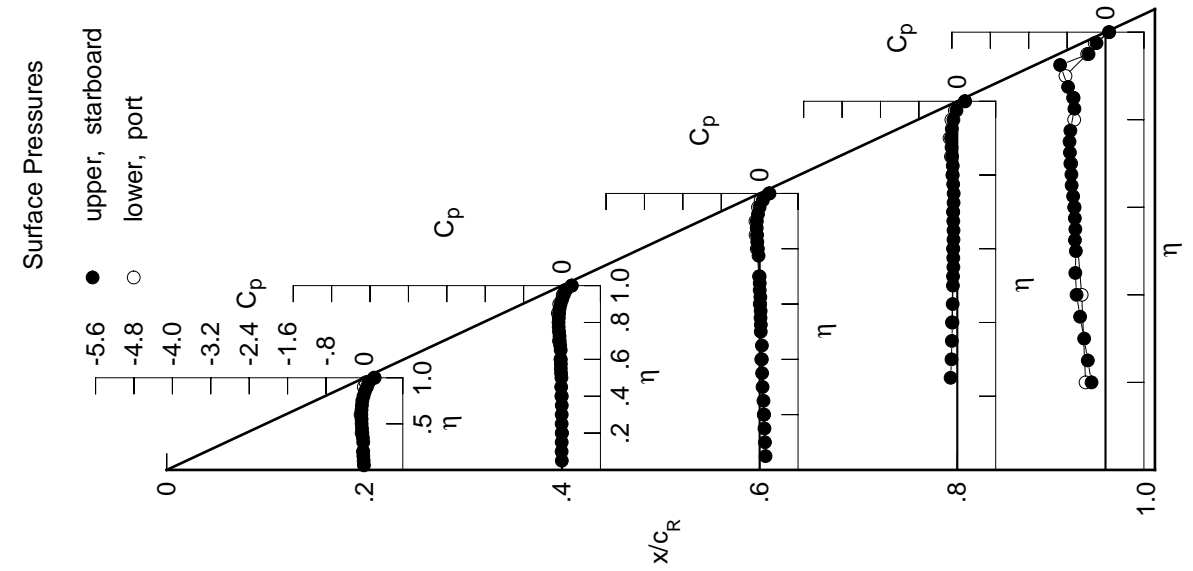


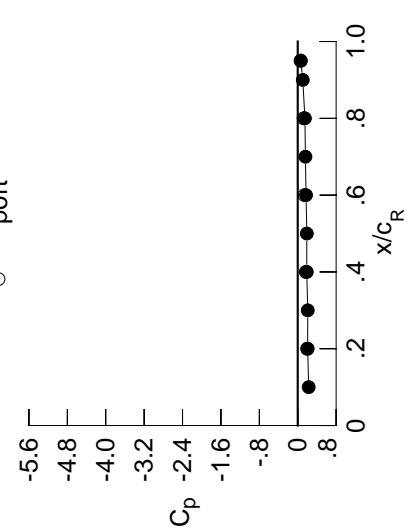
Table C4. Tabulations and Plots of Surface Pressure Coefficients.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0112	-0.0026	0.1199	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0159	-0.0072	0.1082	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0208	-0.0040	0.1005	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0260	0.0003	0.0838	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0066	0.0764	-0.1469	-0.4178	*****	*****	*****	*****	*****
0.300	-0.0242	-0.0084	0.0572	-0.1231	-0.5288	*****	*****	*****	*****	*****
0.350	-0.0302	-0.0045	0.0499	-0.1191	-0.6358	*****	*****	*****	*****	*****
0.400	-0.0396	-0.0119	0.0468	-0.1029	-0.6788	*****	*****	*****	*****	*****
0.450	-0.0497	-0.0184	0.0474	-0.0986	-0.6843	*****	*****	*****	*****	*****
0.500	-0.0550	-0.0137	0.0240	-0.0952	-0.6489	*****	*****	*****	*****	*****
0.525	*****	-0.0207	0.0225	-0.0909	-0.6678	*****	*****	*****	*****	*****
0.550	-0.0556	-0.0239	0.0221	-0.0835	-0.6588	*****	*****	*****	*****	*****
0.575	*****	-0.0232	0.0201	-0.0815	-0.6680	*****	*****	*****	*****	*****
0.600	-0.0607	-0.0240	0.0120	-0.0868	-0.6733	*****	*****	*****	*****	*****
0.625	*****	*****	0.0180	-0.0775	-0.6891	*****	*****	*****	*****	*****
0.650	-0.0518	-0.0167	0.0033	-0.0758	-0.7238	*****	*****	*****	*****	*****
0.675	*****	-0.0291	0.0017	-0.0781	-0.7267	*****	*****	*****	*****	*****
0.700	-0.0420	-0.0367	0.0039	-0.0806	-0.7448	*****	*****	*****	*****	*****
0.725	*****	-0.0405	*****	-0.0747	-0.7541	*****	*****	*****	*****	*****
0.750	-0.0281	-0.0465	*****	-0.0665	-0.7592	*****	*****	*****	*****	*****
0.775	*****	-0.0536	-0.0112	-0.0783	-0.7501	*****	*****	*****	*****	*****
0.800	-0.0021	-0.0538	-0.0248	-0.0910	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0488	-0.0342	-0.0839	-0.7152	*****	*****	*****	*****	*****
0.850	0.0200	-0.0397	-0.0381	-0.0954	-0.6891	*****	*****	*****	*****	*****
0.875	*****	-0.0290	-0.0408	-0.1025	-0.7787	*****	*****	*****	*****	*****
0.900	0.0668	-0.0082	-0.0354	-0.1102	*****	*****	*****	*****	*****	*****
0.925	*****	0.0255	-0.0099	-0.0901	-0.9533	*****	*****	*****	*****	*****
0.950	0.1026	0.0619	0.0258	-0.0537	-0.3424	*****	*****	*****	*****	*****
0.975	*****	0.1063	0.0924	0.0096	-0.1680	*****	*****	*****	*****	*****
1.000	0.2070	0.1877	0.1729	0.1494	0.0637	*****	*****	*****	*****	*****
-0.200	-0.0407	-0.0206	0.0860	*****	-0.4788	*****	*****	*****	*****	*****
-0.400	-0.0785	-0.0234	0.0206	-0.1241	-0.5517	*****	*****	*****	*****	*****
-0.600	-0.1062	-0.0505	-0.0134	-0.1022	-0.6670	*****	*****	*****	*****	*****
-0.700	*****	-0.0903	-0.0324	-0.1061	-0.7287	*****	*****	*****	*****	*****
-0.800	*****	*****	-0.0851	-0.1201	-0.6320	*****	*****	*****	*****	*****
-0.850	*****	-0.1230	-0.1182	-0.1605	-0.6577	*****	*****	*****	*****	*****
-0.900	-0.0441	-0.0980	-0.1257	-0.1998	-0.7424	*****	*****	*****	*****	*****
-0.950	-0.0106	-0.0092	-0.0797	-0.1708	-0.4142	*****	*****	*****	*****	*****
-0.975	*****	0.0210	-0.0271	-0.1005	-0.2626	*****	*****	*****	*****	*****
-1.000	0.1958	0.1669	0.1411	0.1225	0.0600	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1160
 $C_N = -0.023$, $C_m = -0.0023$
 $\alpha = -0.7^\circ$, $M_\infty = 0.846$
 $R_{mac} = 36.1 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	0.2280	*****
0.20	0.2070	0.1958
0.30	0.2084	*****
0.40	0.1877	0.1669
0.50	0.1894	*****
0.60	0.1729	0.1411
0.70	0.1605	*****
0.80	0.1494	0.1225
0.90	0.1058	*****
0.95	0.0637	0.0600

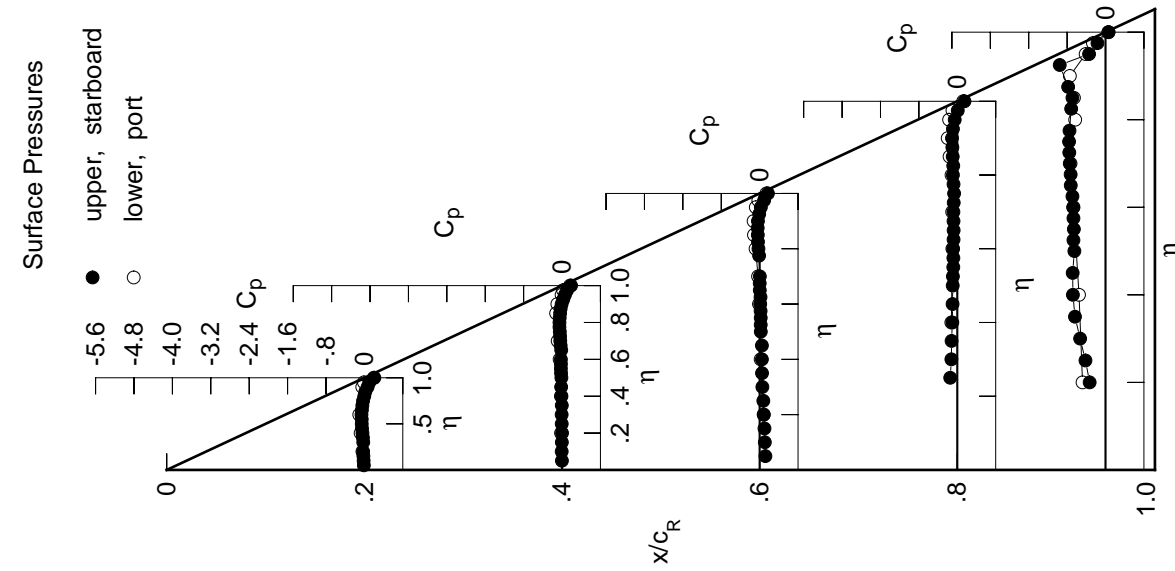


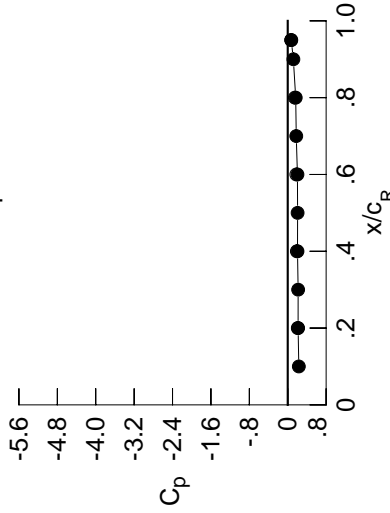
Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0119	-0.0046	0.1208	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0169	-0.0084	0.1091	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0216	-0.0052	0.1001	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0263	-0.0002	0.0842	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0070	0.0769	-0.1438	-0.4024	*****	*****	*****	*****	*****
0.300	-0.0245	-0.0070	0.0581	-0.1220	-0.5109	*****	*****	*****	*****	*****
0.350	-0.0318	-0.0049	0.0505	-0.1173	-0.6242	*****	*****	*****	*****	*****
0.400	-0.0412	-0.0119	0.0465	-0.1014	-0.6705	*****	*****	*****	*****	*****
0.450	-0.0505	-0.0179	0.0488	-0.0972	-0.6743	*****	*****	*****	*****	*****
0.500	-0.0565	-0.0153	0.0241	-0.0933	-0.6357	*****	*****	*****	*****	*****
0.525	*****	-0.0206	0.0232	-0.0898	-0.6550	*****	*****	*****	*****	*****
0.550	-0.0582	-0.0263	0.0201	-0.0832	-0.6409	*****	*****	*****	*****	*****
0.575	*****	-0.0246	0.0218	-0.0829	-0.6506	*****	*****	*****	*****	*****
0.600	-0.0624	-0.0276	0.0104	-0.0856	-0.6553	*****	*****	*****	*****	*****
0.625	*****	*****	0.0168	-0.0783	-0.6752	*****	*****	*****	*****	*****
0.650	-0.0561	-0.0234	0.0019	-0.0773	-0.7117	*****	*****	*****	*****	*****
0.675	*****	-0.0362	0.0008	-0.0791	-0.7170	*****	*****	*****	*****	*****
0.700	-0.0476	-0.0424	0.0016	-0.0810	-0.7381	*****	*****	*****	*****	*****
0.725	*****	-0.0470	*****	-0.0767	-0.7492	*****	*****	*****	*****	*****
0.750	-0.0346	-0.0539	*****	-0.0705	-0.7564	*****	*****	*****	*****	*****
0.775	*****	-0.0609	-0.0179	-0.0817	-0.7469	*****	*****	*****	*****	*****
0.800	-0.0102	-0.0631	-0.0321	-0.0957	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0595	-0.0426	-0.0908	-0.7002	*****	*****	*****	*****	*****
0.850	0.0140	-0.0514	-0.0487	-0.1037	-0.6839	*****	*****	*****	*****	*****
0.875	*****	-0.0408	-0.0517	-0.1136	-0.7790	*****	*****	*****	*****	*****
0.900	0.0588	-0.0193	-0.0483	-0.1197	*****	*****	*****	*****	*****	*****
0.925	*****	0.0130	-0.0245	-0.1037	-0.9493	*****	*****	*****	*****	*****
0.950	0.0960	0.0470	0.0092	-0.0695	-0.3472	*****	*****	*****	*****	*****
0.975	*****	0.0924	0.0766	-0.0070	-0.1785	*****	*****	*****	*****	*****
1.000	0.2160	0.2036	0.2020	0.1661	0.0730	*****	*****	*****	*****	*****
-0.200	-0.0307	-0.0120	0.0930	*****	-0.4800	*****	*****	*****	*****	*****
-0.400	-0.0649	-0.0119	0.0283	-0.1144	-0.5576	*****	*****	*****	*****	*****
-0.600	-0.0900	-0.0383	-0.0016	-0.0937	-0.6599	*****	*****	*****	*****	*****
-0.700	*****	-0.0742	-0.0208	-0.0940	-0.7214	*****	*****	*****	*****	*****
-0.800	*****	*****	-0.0686	-0.1060	-0.6505	*****	*****	*****	*****	*****
-0.850	*****	-0.1009	-0.0977	-0.1426	-0.6712	*****	*****	*****	*****	*****
-0.900	-0.0251	-0.0730	-0.1025	-0.1747	-0.8040	*****	*****	*****	*****	*****
-0.950	0.0099	0.0070	-0.0512	-0.1404	-0.3937	*****	*****	*****	*****	*****
-0.975	*****	0.0472	0.0039	-0.0691	-0.2372	*****	*****	*****	*****	*****
-1.000	0.2093	0.1907	0.1793	0.1491	0.0728	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1161
 $C_N = -0.006$, $C_m = -0.0072$
 $\alpha = -0.4^\circ$, $M_\infty = 0.847$
 $R_{mac} = 36.0 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starbd C_p	port C_p
0.10	0.2309	*****
0.20	0.2160	0.2093
0.30	0.2166	*****
0.40	0.2036	0.1907
0.50	0.2056	*****
0.60	0.2020	0.1793
0.70	0.1776	*****
0.80	0.1661	0.1491
0.90	0.1173	*****
0.95	0.0730	0.0728

Surface Pressures

- upper, starboard
- lower, port

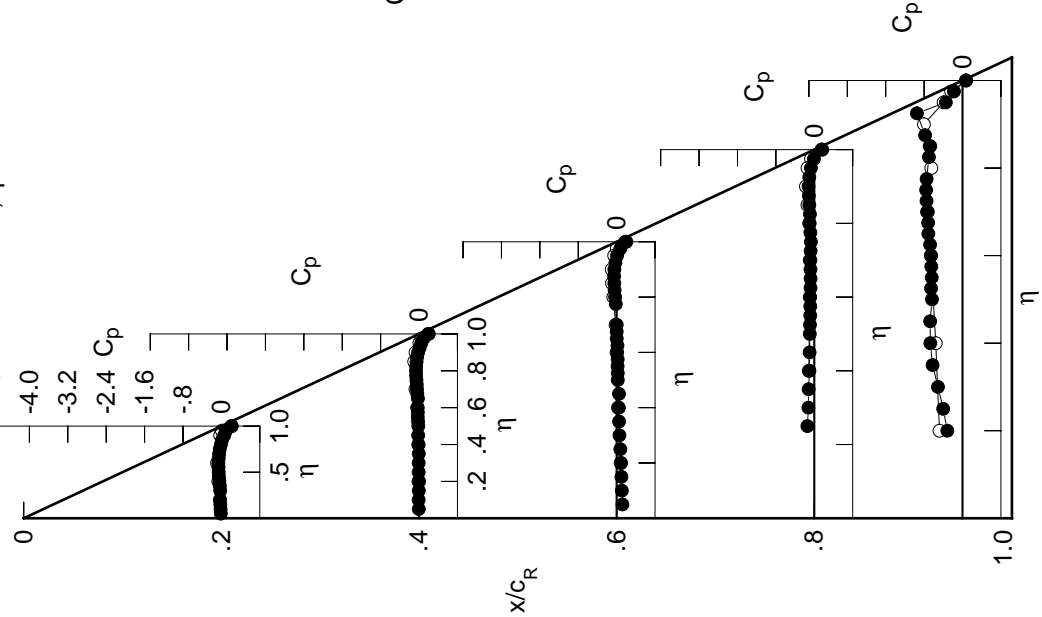


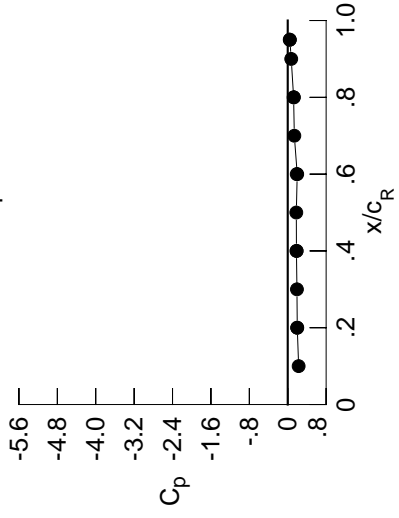
Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0328	-0.0224	0.1076	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0349	-0.0246	0.0971	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0422	-0.0227	0.0871	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0451	-0.0180	0.0736	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0258	0.0636	-0.1554	-0.3805	*****	*****	*****	*****	*****
0.300	-0.0442	-0.0255	0.0461	-0.1337	-0.4825	*****	*****	*****	*****	*****
0.350	-0.0535	-0.0243	0.0354	-0.1298	-0.5951	*****	*****	*****	*****	*****
0.400	-0.0649	-0.0320	0.0307	-0.1134	-0.6634	*****	*****	*****	*****	*****
0.450	-0.0743	-0.0380	0.0342	-0.1105	-0.6725	*****	*****	*****	*****	*****
0.500	-0.0818	-0.0369	0.0075	-0.1070	-0.6353	*****	*****	*****	*****	*****
0.525	*****	-0.0419	0.0073	-0.1034	-0.6510	*****	*****	*****	*****	*****
0.550	-0.0865	-0.0483	0.0025	-0.0977	-0.6362	*****	*****	*****	*****	*****
0.575	*****	-0.0479	0.0029	-0.0976	-0.6447	*****	*****	*****	*****	*****
0.600	-0.0921	-0.0508	-0.0064	-0.1025	-0.6492	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0039	-0.0946	-0.6713	*****	*****	*****	*****	*****
0.650	-0.0894	-0.0507	-0.0185	-0.0954	-0.7125	*****	*****	*****	*****	*****
0.675	*****	-0.0646	-0.0204	-0.0980	-0.7213	*****	*****	*****	*****	*****
0.700	-0.0834	-0.0731	-0.0227	-0.1009	-0.7448	*****	*****	*****	*****	*****
0.725	*****	-0.0800	*****	-0.0975	-0.7568	*****	*****	*****	*****	*****
0.750	-0.0727	-0.0912	*****	-0.0927	-0.7657	*****	*****	*****	*****	*****
0.775	*****	-0.1005	-0.0472	-0.1088	-0.7469	*****	*****	*****	*****	*****
0.800	-0.0506	-0.1053	-0.0660	-0.1231	*****	*****	*****	*****	*****	*****
0.825	*****	-0.1052	-0.0816	-0.1192	-0.6494	*****	*****	*****	*****	*****
0.850	-0.0275	-0.1003	-0.0913	-0.1373	-0.6711	*****	*****	*****	*****	*****
0.875	*****	-0.0916	-0.1020	-0.1543	-0.7978	*****	*****	*****	*****	*****
0.900	0.0170	-0.0738	-0.1030	-0.1695	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0434	-0.0857	-0.1621	-0.9582	*****	*****	*****	*****	*****
0.950	0.0519	-0.0116	-0.0540	-0.1340	-0.3848	*****	*****	*****	*****	*****
0.975	*****	0.0320	0.0094	-0.0770	-0.2317	*****	*****	*****	*****	*****
1.000	0.1986	0.1815	0.1976	0.1225	0.0440	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	-0.0105	0.0058	0.1054	*****	-0.5058	*****	*****	*****	*****	*****
-0.600	-0.0406	0.0062	0.0443	-0.1030	-0.5980	*****	*****	*****	*****	*****
-0.700	-0.0581	-0.0136	0.0164	-0.0769	-0.7012	*****	*****	*****	*****	*****
-0.800	*****	-0.0427	0.0033	-0.0757	-0.7394	*****	*****	*****	*****	*****
-0.850	*****	*****	-0.0359	-0.0804	-0.7240	*****	*****	*****	*****	*****
-0.900	0.0173	-0.0199	-0.0552	-0.1078	-0.7312	*****	*****	*****	*****	*****
-0.950	0.0531	0.0388	0.0114	-0.1263	-0.8496	*****	*****	*****	*****	*****
-0.975	*****	0.1045	0.0698	-0.0015	-0.1862	*****	*****	*****	*****	*****
-1.000	0.1966	0.1874	0.1872	0.1291	0.0419	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1162
 $C_N = 0.035$, $C_m = -0.0150$
 $\alpha = 0.7^\circ$, $M_\infty = 0.847$
 $R_{mac} = 35.9 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	0.2274	*****
0.20	0.1986	0.1966
0.30	0.1919	*****
0.40	0.1815	0.1874
0.50	0.1788	*****
0.60	0.1976	0.1872
0.70	0.1374	*****
0.80	0.1225	0.1291
0.90	0.0730	*****
0.95	0.0440	0.0419

Surface Pressures

- upper, starboard
- lower, port

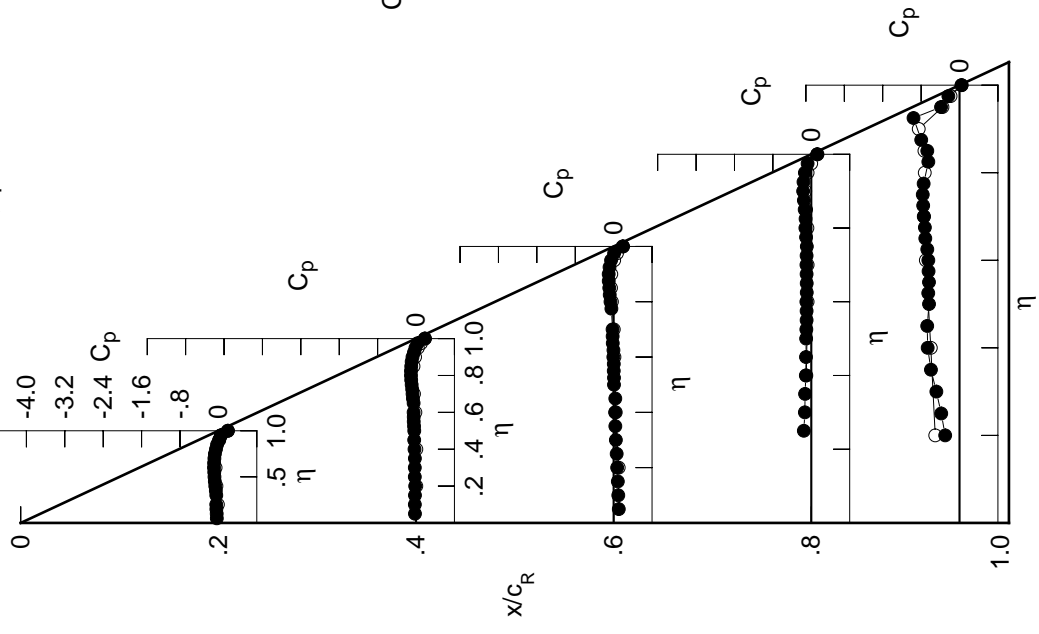


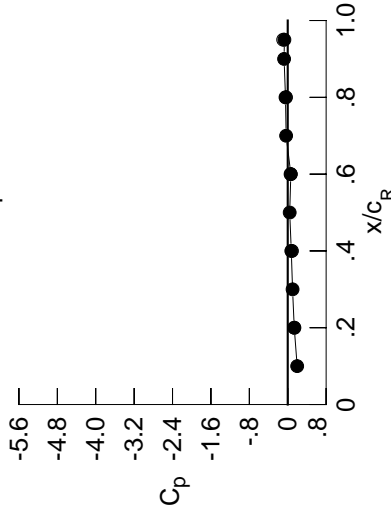
Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0449	-0.0321	0.1040	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0476	-0.0335	0.0926	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0542	-0.0351	0.0819	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0584	-0.0284	0.0675	*****	*****	*****	*****	*****	*****	-0.2746
0.250	*****	-0.0369	0.0576	-0.1602	-0.3563	*****	*****	*****	*****	*****
0.300	-0.0556	-0.0351	0.0405	-0.1403	-0.4519	*****	*****	*****	*****	*****
0.350	-0.0687	-0.0372	0.0299	-0.1350	-0.5600	*****	*****	*****	*****	*****
0.400	-0.0802	-0.0431	0.0233	-0.1208	-0.6429	*****	*****	*****	*****	*****
0.450	-0.0919	-0.0499	0.0250	-0.1159	-0.6586	*****	*****	*****	*****	*****
0.500	-0.1006	-0.0497	-0.0003	-0.1126	-0.6220	*****	*****	*****	*****	*****
0.525	*****	-0.0557	-0.0015	-0.1101	-0.6324	*****	*****	*****	*****	*****
0.550	-0.1079	-0.0636	-0.0070	-0.1061	-0.6131	*****	*****	*****	*****	*****
0.575	*****	-0.0632	-0.0073	-0.1066	-0.6185	*****	*****	*****	*****	*****
0.600	-0.1155	-0.0685	-0.0194	-0.1098	-0.6222	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0169	-0.1057	-0.6466	*****	*****	*****	*****	*****
0.650	-0.1165	-0.0746	-0.0320	-0.1058	-0.6909	*****	*****	*****	*****	*****
0.675	*****	-0.0884	-0.0362	-0.1120	-0.7079	*****	*****	*****	*****	*****
0.700	-0.1135	-0.1012	-0.0393	-0.1141	-0.7362	*****	*****	*****	*****	*****
0.725	*****	-0.1097	*****	-0.1133	-0.7501	*****	*****	*****	*****	*****
0.750	-0.1069	-0.1234	*****	-0.1120	-0.7584	*****	*****	*****	*****	*****
0.775	*****	-0.1358	-0.0733	-0.1291	-0.7186	*****	*****	*****	*****	*****
0.800	-0.0879	-0.1435	-0.0945	-0.1442	*****	*****	*****	*****	*****	*****
0.825	*****	-0.1476	-0.1167	-0.1460	-0.5895	*****	*****	*****	*****	*****
0.850	-0.0640	-0.1475	-0.1314	-0.1694	-0.6148	*****	*****	*****	*****	*****
0.875	*****	-0.1421	-0.1490	-0.1949	-0.6378	*****	*****	*****	*****	*****
0.900	-0.0236	-0.1273	-0.1565	-0.2190	*****	*****	*****	*****	*****	*****
0.925	*****	-0.1016	-0.1476	-0.2204	-0.9547	*****	*****	*****	*****	*****
0.950	0.0069	-0.0735	-0.1231	-0.2024	-0.4208	*****	*****	*****	*****	*****
0.975	*****	-0.0383	-0.0666	-0.1573	-0.2899	*****	*****	*****	*****	*****
1.000	0.1358	0.0742	0.0646	-0.0466	-0.0699	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0158	0.0308	0.1245	*****	*****	*****	*****	*****	*****	-0.5158
-0.600	-0.0108	0.0323	0.0659	-0.0836	-0.6482	*****	*****	*****	*****	*****
-0.700	-0.0220	0.0163	0.0430	-0.0556	-0.7453	*****	*****	*****	*****	*****
-0.800	*****	-0.0074	0.0311	-0.0499	-0.7521	*****	*****	*****	*****	*****
-0.850	*****	*****	0.0016	-0.0488	-0.7128	*****	*****	*****	*****	*****
-0.900	*****	-0.0025	-0.0088	-0.0687	-0.7163	*****	*****	*****	*****	*****
-0.950	0.0609	0.0346	0.0059	-0.0742	-0.7990	*****	*****	*****	*****	*****
-0.975	0.0976	0.0733	0.0705	-0.0138	-0.3149	*****	*****	*****	*****	*****
-1.000	0.1375	0.0882	0.0588	-0.0362	-0.0954	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1163
 $C_N = 0.076$, $C_m = -0.0205$
 $\alpha = 1.7^\circ$, $M_\infty = 0.847$
 $R_{mac} = 36.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1965	*****
0.20	0.1358	0.1375
0.30	0.1004	*****
0.40	0.0742	0.0882
0.50	0.0411	*****
0.60	0.0646	0.0588
0.70	-0.0332	*****
0.80	-0.0466	-0.0362
0.90	-0.0759	*****
0.95	-0.0699	-0.0954

Surface Pressures

● upper, starboard
 ○ lower, port

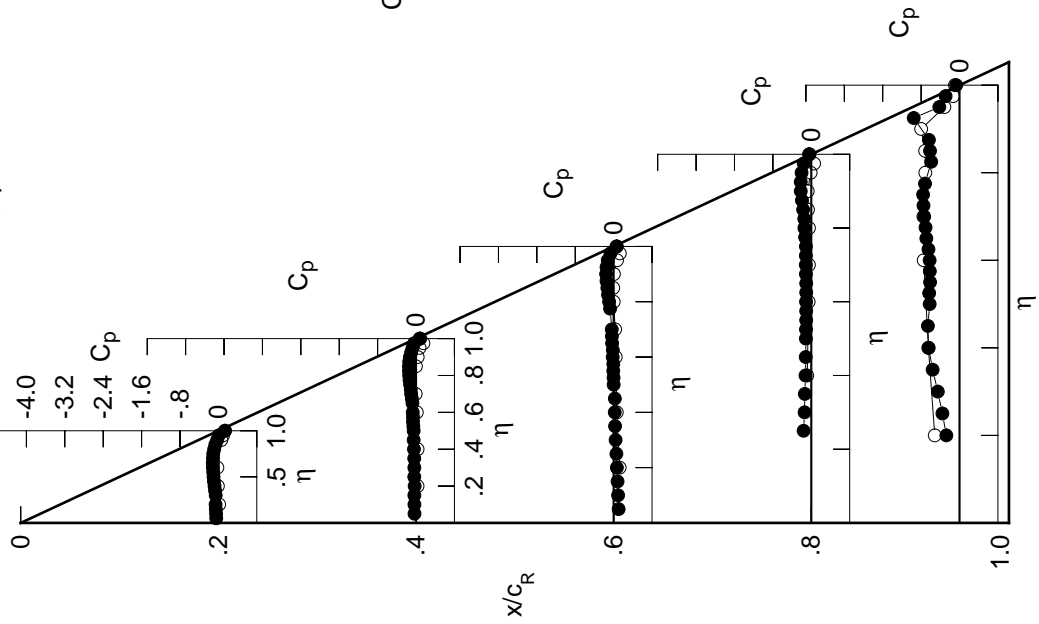


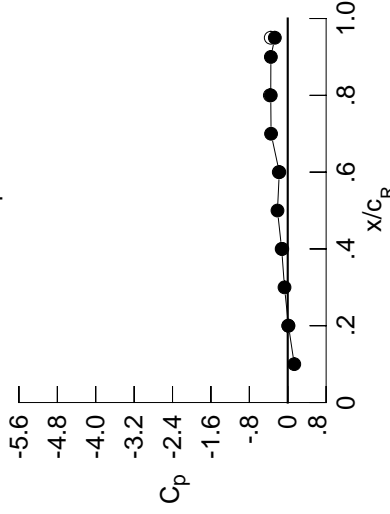
Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0629	-0.0498	0.0908	0.0908	0.0908	0.0908	0.0908	0.0908	0.0908	0.0908
0.100	-0.0656	-0.0522	0.0809	0.0809	0.0809	0.0809	0.0809	0.0809	0.0809	0.0809
0.150	-0.0737	-0.0530	0.0684	0.0684	0.0684	0.0684	0.0684	0.0684	0.0684	0.0684
0.200	-0.0769	-0.0470	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541	0.0541
0.250	*****	-0.0553	0.0439	-0.1722	-0.3520	0.0439	-0.1722	-0.3520	0.0439	-0.1722
0.300	-0.0760	-0.0548	0.0262	-0.1546	-0.4435	0.0262	-0.1546	-0.4435	0.0262	-0.1546
0.350	-0.0901	-0.0578	0.0155	-0.1477	-0.5461	0.0155	-0.1477	-0.5461	0.0155	-0.1477
0.400	-0.1032	-0.0640	0.0082	-0.1339	-0.6236	0.0082	-0.1339	-0.6236	0.0082	-0.1339
0.450	-0.1158	-0.0717	0.0096	-0.1302	-0.6361	0.0096	-0.1302	-0.6361	0.0096	-0.1302
0.500	-0.1267	-0.0707	-0.0166	-0.1281	-0.5973	-0.0166	-0.1281	-0.5973	-0.0166	-0.1281
0.525	*****	-0.0787	-0.0191	-0.1251	-0.6073	-0.0191	-0.1251	-0.6073	-0.0191	-0.1251
0.550	-0.1362	-0.0867	-0.0256	-0.1214	-0.5852	-0.0256	-0.1214	-0.5852	-0.0256	-0.1214
0.575	*****	-0.0885	-0.0264	-0.1241	-0.5852	-0.0264	-0.1241	-0.5852	-0.0264	-0.1241
0.600	-0.1461	-0.0954	-0.0381	-0.1267	-0.5860	-0.0381	-0.1267	-0.5860	-0.0381	-0.1267
0.625	*****	*****	-0.0383	-0.1243	-0.6073	-0.0383	-0.1243	-0.6073	-0.0383	-0.1243
0.650	-0.1504	-0.1031	-0.0538	-0.1242	-0.6563	-0.0538	-0.1242	-0.6563	-0.0538	-0.1242
0.675	*****	-0.1190	-0.0586	-0.1324	-0.6783	-0.1190	-0.0586	-0.1324	-0.6783	-0.1190
0.700	-0.1502	-0.1323	-0.0634	-0.1350	-0.7121	-0.1323	-0.0634	-0.1350	-0.7121	-0.1323
0.725	*****	-0.1442	*****	-0.1359	-0.7331	-0.1442	*****	-0.1359	-0.7331	*****
0.750	-0.1472	-0.1607	*****	-0.1366	-0.7493	-0.1607	*****	-0.1366	-0.7493	*****
0.775	*****	-0.1775	-0.1048	-0.1552	-0.7163	-0.1775	-0.1048	-0.1552	-0.7163	-0.1775
0.800	-0.1303	-0.1895	-0.1305	-0.1747	*****	-0.1895	-0.1305	-0.1747	*****	-0.1895
0.825	*****	-0.1959	-0.1559	-0.1781	-0.5758	-0.1959	-0.1559	-0.1781	-0.5758	-0.1959
0.850	-0.1100	-0.2010	-0.1786	-0.2079	-0.4780	-0.2010	-0.1786	-0.2079	-0.4780	-0.2010
0.875	*****	-0.1990	-0.2031	-0.2403	-0.4397	-0.1990	-0.2031	-0.2403	-0.4397	-0.1990
0.900	-0.0734	-0.1900	-0.2199	-0.2746	*****	-0.1900	-0.2199	-0.2746	*****	-0.1900
0.925	*****	-0.1705	-0.2188	-0.2874	-0.8617	-0.1705	-0.2188	-0.2874	-0.8617	-0.1705
0.950	-0.0498	-0.1489	-0.2036	-0.2831	-0.4652	-0.1489	-0.2036	-0.2831	-0.4652	-0.1489
0.975	*****	-0.1239	-0.1616	-0.2540	-0.3606	-0.1239	-0.1616	-0.2540	-0.3606	-0.1239
1.000	0.0154	-0.1265	-0.1756	-0.3538	-0.2689	-0.1265	-0.1756	-0.3538	-0.2689	-0.1265
-0.200	0.0349	0.0463	0.1375	*****	-0.5490	0.0349	0.0463	0.1375	*****	-0.5490
-0.400	0.0122	0.0500	0.0807	-0.0710	-0.6879	0.0122	0.0500	0.0807	-0.0710	-0.6879
-0.600	0.0061	0.0401	0.0613	-0.0409	-0.7519	0.0061	0.0401	0.0613	-0.0409	-0.7519
-0.700	*****	0.0209	0.0523	-0.0323	-0.7387	0.0209	0.0523	-0.0323	-0.7387	0.0209
-0.800	*****	*****	0.0308	-0.0252	-0.6919	0.0308	-0.0252	-0.6919	0.0308	-0.0252
-0.850	*****	0.0368	0.0245	-0.0385	-0.6919	0.0368	0.0245	-0.0385	-0.6919	0.0368
-0.900	0.0948	0.0762	0.0479	-0.0344	-0.7541	0.0948	0.0762	0.0479	-0.0344	-0.7541
-0.950	0.1299	0.0958	0.1128	0.0317	-0.2854	0.1299	0.0958	0.1128	0.0317	-0.2854
-0.975	*****	0.1840	0.1651	0.0998	-0.1042	0.1840	0.1651	0.0998	-0.1042	0.1840
-1.000	0.0105	-0.1134	-0.1863	-0.3726	-0.3533	0.0105	-0.1134	-0.1863	-0.3726	-0.3533

Small Radius L.E.
 Run No. = 54, Point No. = 1164
 $C_N = 0.115$, $C_m = -0.0255$
 $\alpha = 2.8^\circ$, $M_\infty = 0.851$
 $R_{mac} = 36.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1359	*****
0.20	0.0154	0.0105
0.30	-0.0670	*****
0.40	-0.1265	-0.1134
0.50	-0.2137	*****
0.60	-0.1756	-0.1863
0.70	-0.3472	*****
0.80	-0.3538	-0.3726
0.90	-0.3511	*****
0.95	-0.2689	-0.3533

Surface Pressures

● upper, starboard
 ○ lower, port

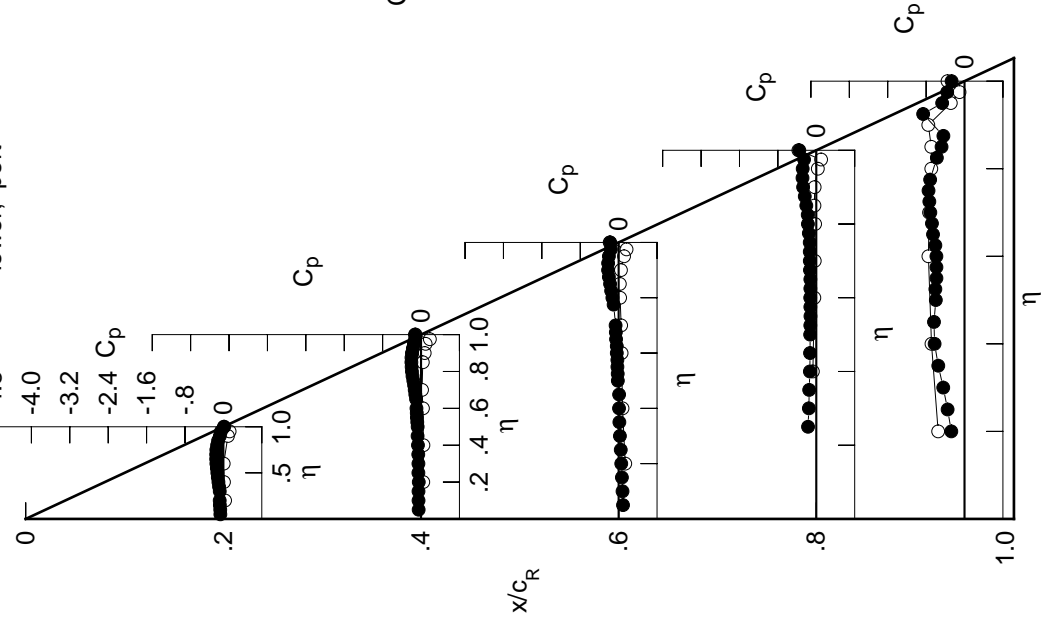


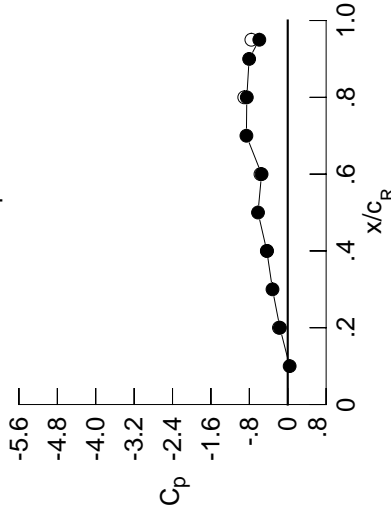
Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0834	-0.0664	0.0786	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0856	-0.0697	0.0670	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0938	-0.0701	0.0567	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0976	-0.0643	0.0415	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0730	0.0313	-0.1859	-0.3368	*****	*****	*****	*****	*****
0.300	-0.0964	-0.0737	0.0124	-0.1669	-0.4117	*****	*****	*****	*****	*****
0.350	-0.1121	-0.0768	0.0003	-0.1589	-0.5026	*****	*****	*****	*****	*****
0.400	-0.1260	-0.0842	-0.0064	-0.1480	-0.5888	*****	*****	*****	*****	*****
0.450	-0.1418	-0.0940	-0.0062	-0.1434	-0.6150	*****	*****	*****	*****	*****
0.500	-0.1548	-0.0924	-0.0337	-0.1435	-0.5845	*****	*****	*****	*****	*****
0.525	*****	-0.1013	-0.0376	-0.1404	-0.5925	*****	*****	*****	*****	*****
0.550	-0.1661	-0.1117	-0.0442	-0.1376	-0.5713	*****	*****	*****	*****	*****
0.575	*****	-0.1136	-0.0450	-0.1404	-0.5708	*****	*****	*****	*****	*****
0.600	-0.1792	-0.1208	-0.0594	-0.1439	-0.5770	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0597	-0.1418	-0.5960	*****	*****	*****	*****	*****
0.650	-0.1865	-0.1319	-0.0768	-0.1429	-0.6399	*****	*****	*****	*****	*****
0.675	*****	-0.1494	-0.0835	-0.1524	-0.6649	*****	*****	*****	*****	*****
0.700	-0.1904	-0.1669	-0.0888	-0.1553	-0.6990	*****	*****	*****	*****	*****
0.725	*****	-0.1805	*****	-0.1585	-0.7178	*****	*****	*****	*****	*****
0.750	-0.1898	-0.2004	*****	-0.1610	-0.7229	*****	*****	*****	*****	*****
0.775	*****	-0.2216	-0.1393	-0.1833	-0.6661	*****	*****	*****	*****	*****
0.800	-0.1787	-0.2375	-0.1691	-0.2051	*****	*****	*****	*****	*****	*****
0.825	*****	-0.2499	-0.2002	-0.2133	-0.5107	*****	*****	*****	*****	*****
0.850	-0.1618	-0.2600	-0.2290	-0.2490	-0.3941	*****	*****	*****	*****	*****
0.875	*****	-0.2645	-0.2636	-0.2909	-0.3877	*****	*****	*****	*****	*****
0.900	-0.1319	-0.2611	-0.2891	-0.3366	*****	*****	*****	*****	*****	*****
0.925	*****	-0.2473	-0.2988	-0.3645	-0.6304	*****	*****	*****	*****	*****
0.950	-0.1167	-0.2352	-0.2989	-0.3753	-0.5254	*****	*****	*****	*****	*****
0.975	*****	-0.2267	-0.2777	-0.3699	-0.4507	*****	*****	*****	*****	*****
1.000	-0.1629	-0.4353	-0.5451	-0.8528	-0.5922	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0557	0.0659	0.1524	*****	-0.5621	*****	*****	*****	*****	*****
-0.600	0.0368	0.0715	0.0971	-0.0557	-0.7122	*****	*****	*****	*****	*****
-0.700	0.0355	0.0634	0.0815	-0.0238	-0.7488	*****	*****	*****	*****	*****
-0.800	*****	0.0492	0.0744	-0.0144	-0.7281	*****	*****	*****	*****	*****
-0.850	*****	*****	0.0591	-0.0011	-0.6772	*****	*****	*****	*****	*****
-0.900	*****	0.0738	0.0596	-0.0102	-0.6727	*****	*****	*****	*****	*****
-0.950	0.1278	0.1142	0.0865	0.0018	-0.7160	*****	*****	*****	*****	*****
-0.975	0.1604	0.1173	0.1476	0.0699	-0.2619	*****	*****	*****	*****	*****
-1.000	*****	0.2038	0.1893	0.1294	-0.0779	*****	*****	*****	*****	*****
-1.000	-0.1835	-0.4323	-0.5677	-0.9060	-0.7578	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1165
 $C_N = 0.155$, $C_m = -0.0304$
 $\alpha = 3.9^\circ$, $M_\infty = 0.850$
 $R_{mac} = 36.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.0402	*****
0.20	-0.1629	-0.1835
0.30	-0.3176	*****
0.40	-0.4353	-0.4323
0.50	-0.6192	*****
0.60	-0.5451	-0.5677
0.70	-0.8611	*****
0.80	-0.8528	-0.9060
0.90	-0.8043	*****
0.95	-0.5922	-0.7578

Surface Pressures

● upper, starboard
 ○ lower, port

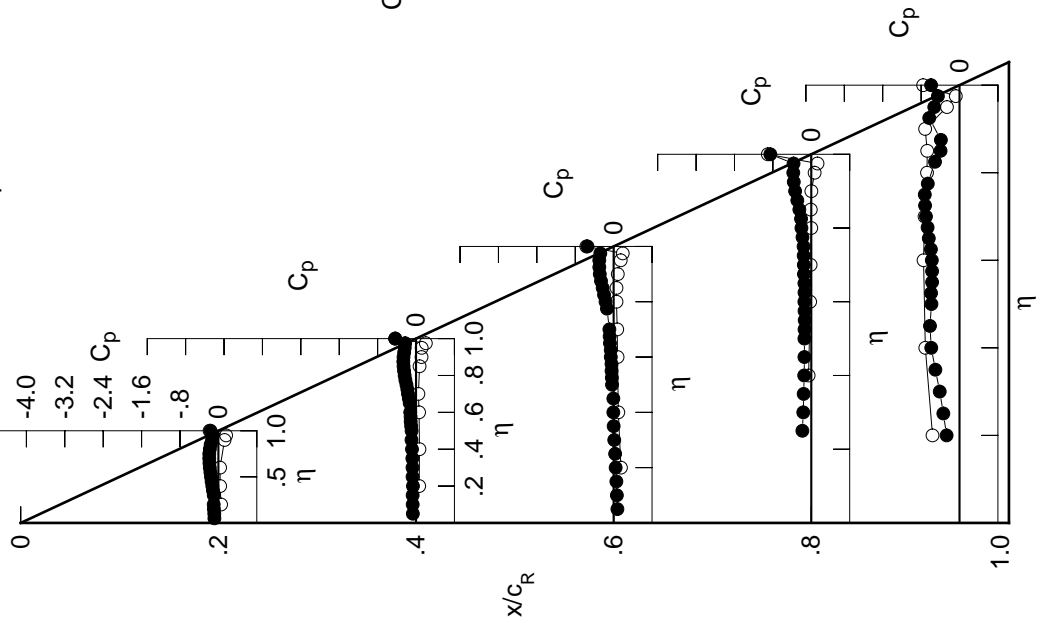


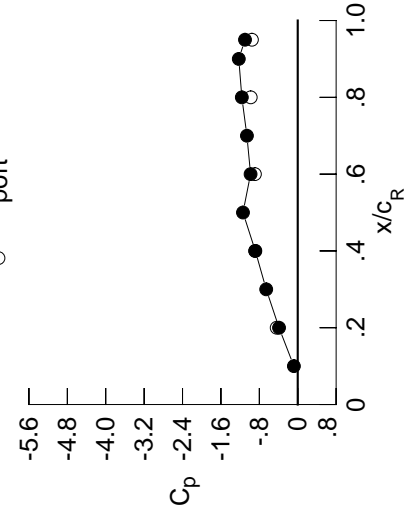
Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1025	-0.0855	0.0641	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1068	-0.0899	0.0534	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1151	-0.0892	0.0422	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1203	-0.0839	0.0267	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0930	0.0150	-0.2016	-0.3290	*****	*****	*****	*****	*****
0.300	-0.1187	-0.0945	-0.0026	-0.1826	-0.3898	*****	*****	*****	*****	*****
0.350	-0.1343	-0.0974	-0.0160	-0.1756	-0.4638	*****	*****	*****	*****	*****
0.400	-0.1506	-0.1044	-0.0238	-0.1635	-0.5498	*****	*****	*****	*****	*****
0.450	-0.1677	-0.1168	-0.0247	-0.1626	-0.5903	*****	*****	*****	*****	*****
0.500	-0.1826	-0.1185	-0.0538	-0.1612	-0.6074	*****	*****	*****	*****	*****
0.525	*****	-0.1270	-0.0573	-0.1592	-0.6482	*****	*****	*****	*****	*****
0.550	-0.1967	-0.1378	-0.0651	-0.1556	-0.6519	*****	*****	*****	*****	*****
0.575	*****	-0.1409	-0.0676	-0.1599	-0.6543	*****	*****	*****	*****	*****
0.600	-0.2140	-0.1494	-0.0815	-0.1644	-0.6498	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0821	-0.1620	-0.6751	*****	*****	*****	*****	*****
0.650	-0.2232	-0.1613	-0.1031	-0.1652	-0.7108	*****	*****	*****	*****	*****
0.675	*****	-0.1796	-0.1109	-0.1775	-0.6920	*****	*****	*****	*****	*****
0.700	-0.2294	-0.1994	-0.1168	-0.1831	-0.6925	*****	*****	*****	*****	*****
0.725	*****	-0.2172	*****	-0.1883	-0.6893	*****	*****	*****	*****	*****
0.750	-0.2341	-0.2404	*****	-0.1929	-0.6662	*****	*****	*****	*****	*****
0.775	*****	-0.2653	-0.1753	-0.2175	-0.5811	*****	*****	*****	*****	*****
0.800	-0.2252	-0.2865	-0.2071	-0.2420	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3040	-0.2428	-0.2536	-0.4806	*****	*****	*****	*****	*****
0.850	-0.2153	-0.3191	-0.2799	-0.2892	-0.3788	*****	*****	*****	*****	*****
0.875	*****	-0.3309	-0.3229	-0.3339	-0.3765	*****	*****	*****	*****	*****
0.900	-0.1908	-0.3339	-0.3588	-0.3906	*****	*****	*****	*****	*****	*****
0.925	*****	-0.3291	-0.3813	-0.4345	-0.5302	*****	*****	*****	*****	*****
0.950	-0.1898	-0.3291	-0.3974	-0.4652	-0.5960	*****	*****	*****	*****	*****
0.975	*****	-0.3386	-0.4025	-0.4867	-0.5502	*****	*****	*****	*****	*****
1.000	-0.3897	-0.8831	-0.9824	-1.1645	-1.0983	*****	*****	*****	*****	*****
-0.200	0.0766	0.0832	0.1667	*****	-0.5832	*****	*****	*****	*****	*****
-0.400	0.0589	0.0894	0.1117	-0.0434	-0.7316	*****	*****	*****	*****	*****
-0.600	0.0623	0.0834	0.0973	-0.0099	-0.7449	*****	*****	*****	*****	*****
-0.700	*****	0.0729	0.0932	0.0004	-0.7195	*****	*****	*****	*****	*****
-0.800	*****	*****	0.0840	0.0194	-0.6661	*****	*****	*****	*****	*****
-0.850	*****	0.1050	0.0881	0.0129	-0.6578	*****	*****	*****	*****	*****
-0.900	0.1549	0.1440	0.1176	0.0295	-0.6870	*****	*****	*****	*****	*****
-0.950	0.1837	0.1308	0.1715	0.0950	-0.2490	*****	*****	*****	*****	*****
-0.975	*****	0.2108	0.1998	0.1423	-0.0685	*****	*****	*****	*****	*****
-1.000	-0.4383	-0.8873	-0.8923	-0.9795	-0.9545	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1166
 $C_N = 0.202$, $C_m = -0.0414$
 $\alpha = 4.9^\circ$, $M_\infty = 0.850$
 $R_{mac} = 36.0 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	-0.0803	*****
0.20	-0.3897	-0.4383
0.30	-0.6565	*****
0.40	-0.8831	-0.8873
0.50	-1.1410	*****
0.60	-0.9824	-0.8923
0.70	-1.0585	*****
0.80	-1.1645	-0.9795
0.90	-1.2278	*****
0.95	-1.0983	-0.9545

Surface Pressures

- upper, starboard
- lower, port

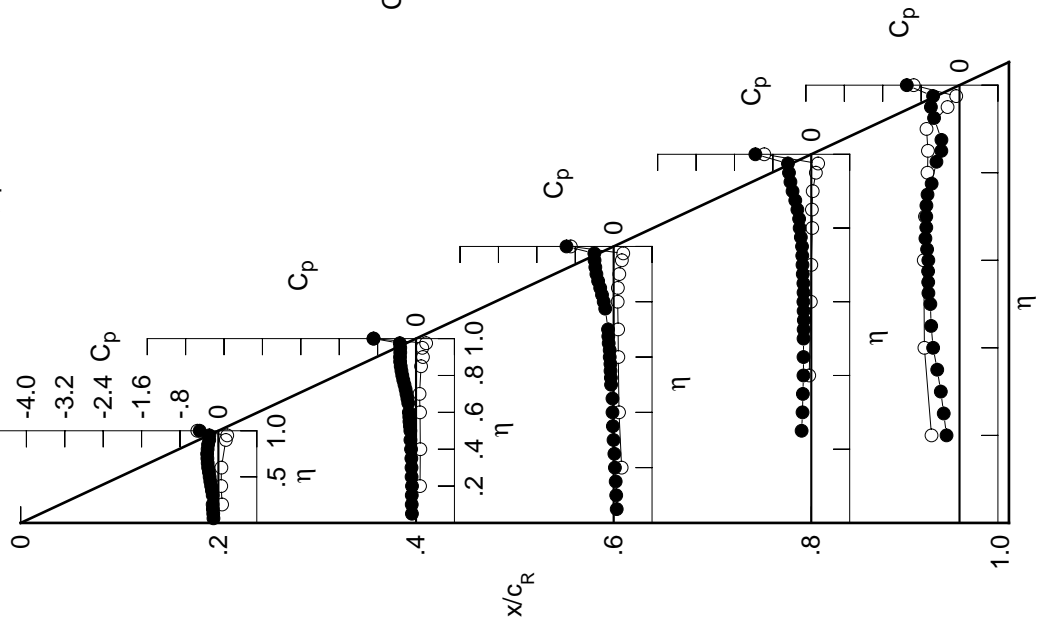


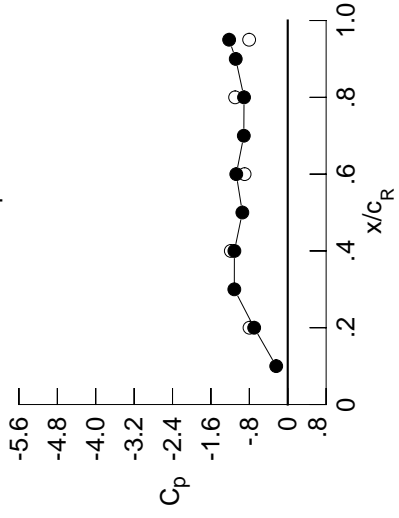
Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1218	-0.1037	0.0511	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1262	-0.1098	0.0380	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1356	-0.1078	0.0279	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1409	-0.1052	0.0115	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1129	-0.0001	-0.2194	-0.3209	*****	*****	*****	*****	*****
0.300	-0.1398	-0.1149	-0.0203	-0.1992	-0.3716	*****	*****	*****	*****	*****
0.350	-0.1573	-0.1177	-0.0347	-0.1941	-0.4542	*****	*****	*****	*****	*****
0.400	-0.1754	-0.1283	-0.0418	-0.1808	-0.6080	*****	*****	*****	*****	*****
0.450	-0.1950	-0.1402	-0.0429	-0.1791	-0.7298	*****	*****	*****	*****	*****
0.500	-0.2113	-0.1441	-0.0741	-0.1789	-0.7310	*****	*****	*****	*****	*****
0.525	*****	-0.1541	-0.0794	-0.1786	-0.7233	*****	*****	*****	*****	*****
0.550	-0.2279	-0.1651	-0.0875	-0.1767	-0.6660	*****	*****	*****	*****	*****
0.575	*****	-0.1697	-0.0925	-0.1847	-0.6443	*****	*****	*****	*****	*****
0.600	-0.2490	-0.1797	-0.1122	-0.1948	-0.6558	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1120	-0.1936	-0.6521	*****	*****	*****	*****	*****
0.650	-0.2606	-0.1932	-0.1360	-0.1954	-0.6338	*****	*****	*****	*****	*****
0.675	*****	-0.2152	-0.1463	-0.2030	-0.6288	*****	*****	*****	*****	*****
0.700	-0.2721	-0.2379	-0.1548	-0.2180	-0.6496	*****	*****	*****	*****	*****
0.725	*****	-0.2563	*****	-0.2347	-0.6819	*****	*****	*****	*****	*****
0.750	-0.2805	-0.2836	*****	-0.2228	-0.7259	*****	*****	*****	*****	*****
0.775	*****	-0.3121	-0.2077	-0.2426	-0.7562	*****	*****	*****	*****	*****
0.800	-0.2779	-0.3384	-0.2502	-0.2724	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3610	-0.2864	-0.2859	-0.6982	*****	*****	*****	*****	*****
0.850	-0.2745	-0.3831	-0.3106	-0.3246	-0.6273	*****	*****	*****	*****	*****
0.875	*****	-0.4007	-0.3614	-0.3672	-0.6077	*****	*****	*****	*****	*****
0.900	-0.2582	-0.4102	-0.4022	-0.4255	*****	*****	*****	*****	*****	*****
0.925	*****	-0.4135	-0.4298	-0.4760	-0.9504	*****	*****	*****	*****	*****
0.950	-0.2735	-0.4251	-0.4526	-0.5937	-0.6568	*****	*****	*****	*****	*****
0.975	*****	-0.4640	-0.7107	-0.8183	-0.7355	*****	*****	*****	*****	*****
1.000	-0.6990	-1.1115	-1.0720	-0.9104	-1.2212	*****	*****	*****	*****	*****
-0.200	0.0987	0.1014	0.1814	*****	-0.6112	*****	*****	*****	*****	*****
-0.400	0.0818	0.1087	0.1267	-0.0302	-0.7271	*****	*****	*****	*****	*****
-0.600	0.0891	0.1070	0.1146	0.0052	-0.7336	*****	*****	*****	*****	*****
-0.700	*****	0.0993	0.1146	0.0176	-0.7054	*****	*****	*****	*****	*****
-0.800	*****	*****	0.1083	0.0389	-0.6499	*****	*****	*****	*****	*****
-0.850	*****	0.1359	0.1142	0.0352	-0.6389	*****	*****	*****	*****	*****
-0.900	0.1807	0.1710	0.1452	0.0557	-0.6514	*****	*****	*****	*****	*****
-0.950	0.2051	0.1401	0.1886	0.1150	-0.2327	*****	*****	*****	*****	*****
-0.975	*****	0.2096	0.1995	0.1486	-0.0569	*****	*****	*****	*****	*****
-1.000	-0.7956	-1.1860	-0.8981	-1.0963	-0.8044	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1167
 $C_N = 0.250$, $C_m = -0.0508$
 $\alpha = 5.9^\circ$, $M_\infty = 0.851$
 $R_{mac} = 36.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.2403	*****
0.20	-0.6990	-0.7956
0.30	-1.1131	*****
0.40	-1.1115	-1.1860
0.50	-0.9452	*****
0.60	-1.0720	-0.8981
0.70	-0.9150	*****
0.80	-0.9104	-1.0963
0.90	-1.0835	*****
0.95	-1.2212	-0.8044

Surface Pressures

● upper, starboard
 ○ lower, port

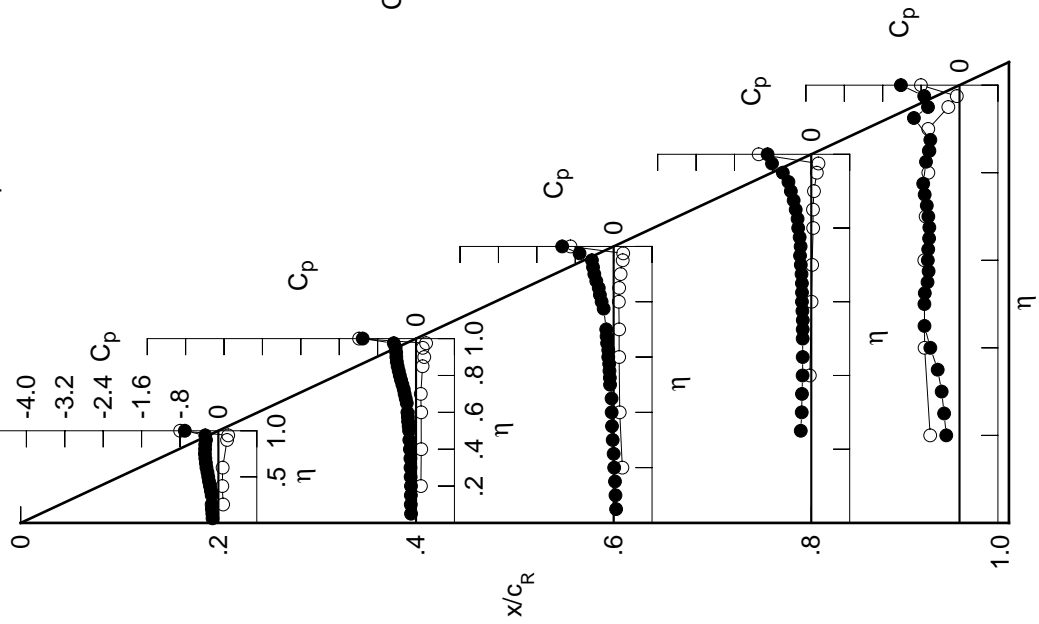


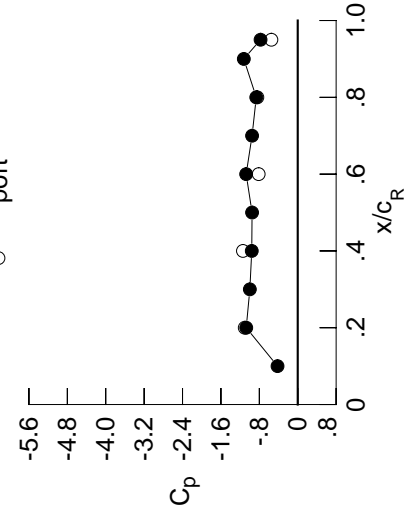
Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1307	-0.1151	0.0447	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1330	-0.1172	0.0338	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1447	-0.1196	0.0219	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1482	-0.1134	0.0068	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1243	-0.0051	-0.2247	-0.2901	*****	*****	*****	*****	*****
0.300	-0.1494	-0.1255	-0.0252	-0.2058	-0.3458	*****	*****	*****	*****	*****
0.350	-0.1690	-0.1291	-0.0370	-0.1979	-0.4675	*****	*****	*****	*****	*****
0.400	-0.1883	-0.1408	-0.0482	-0.1884	-0.5907	*****	*****	*****	*****	*****
0.450	-0.2081	-0.1512	-0.0531	-0.1897	-0.6043	*****	*****	*****	*****	*****
0.500	-0.2273	-0.1570	-0.0890	-0.1964	-0.5479	*****	*****	*****	*****	*****
0.525	*****	-0.1695	-0.0959	-0.1949	-0.5561	*****	*****	*****	*****	*****
0.550	-0.2477	-0.1836	-0.1054	-0.1946	-0.5461	*****	*****	*****	*****	*****
0.575	*****	-0.1904	-0.1088	-0.1972	-0.5642	*****	*****	*****	*****	*****
0.600	-0.2695	-0.2015	-0.1294	-0.2053	-0.5544	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1339	-0.2056	-0.5203	*****	*****	*****	*****	*****
0.650	-0.2884	-0.2234	-0.1555	-0.2080	-0.5100	*****	*****	*****	*****	*****
0.675	*****	-0.2444	-0.1601	-0.2283	-0.5439	*****	*****	*****	*****	*****
0.700	-0.3034	-0.2642	-0.1670	-0.2616	-0.6251	*****	*****	*****	*****	*****
0.725	*****	-0.2841	*****	-0.2786	-0.7398	*****	*****	*****	*****	*****
0.750	-0.3188	-0.3122	*****	-0.2524	-0.8076	*****	*****	*****	*****	*****
0.775	*****	-0.3396	-0.2251	-0.2586	-0.8204	*****	*****	*****	*****	*****
0.800	-0.3230	-0.3699	-0.2762	-0.2781	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3947	-0.3035	-0.2894	-0.8249	*****	*****	*****	*****	*****
0.850	-0.3223	-0.4178	-0.3319	-0.3171	-0.8037	*****	*****	*****	*****	*****
0.875	*****	-0.4353	-0.3783	-0.4128	-0.7676	*****	*****	*****	*****	*****
0.900	-0.3156	-0.4381	-0.4822	-0.5910	*****	*****	*****	*****	*****	*****
0.925	*****	-0.4560	-0.6478	-0.7485	-1.0367	*****	*****	*****	*****	*****
0.950	-0.3482	-0.6415	-0.6189	-0.8396	-0.6575	*****	*****	*****	*****	*****
0.975	*****	-0.8433	-0.8984	-0.8599	-0.7787	*****	*****	*****	*****	*****
1.000	-1.0731	-0.9578	-1.0744	-0.8637	-0.7745	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.1270	0.1278	0.2002	*****	*****	*****	*****	*****	*****
-0.400	0.1146	0.1354	0.1495	-0.0083	-0.7200	*****	*****	*****	*****	*****
-0.600	0.1254	0.1369	0.1396	0.0296	-0.7084	*****	*****	*****	*****	*****
-0.700	*****	0.1325	0.1405	0.0430	-0.6815	*****	*****	*****	*****	*****
-0.800	*****	*****	0.1392	0.0642	-0.6191	*****	*****	*****	*****	*****
-0.850	*****	0.1724	0.1484	0.0683	-0.6025	*****	*****	*****	*****	*****
-0.900	0.2128	0.2040	0.1779	0.0925	-0.6045	*****	*****	*****	*****	*****
-0.950	0.2331	0.1521	0.2131	0.1479	-0.2022	*****	*****	*****	*****	*****
-0.975	*****	0.2104	0.2113	0.1664	-0.0330	*****	*****	*****	*****	*****
-1.000	-1.1040	-1.1412	-0.8138	-0.8418	-0.5489	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1168
 $C_N = 0.303$, $C_m = -0.0625$
 $\alpha = 7.0^\circ$, $M_\infty = 0.850$
 $R_{mac} = 36.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.4211	*****
0.20	-1.0731	-1.1040
0.30	-0.9975	*****
0.40	-0.9578	-1.1412
0.50	-0.9514	*****
0.60	-1.0744	-0.8138
0.70	-0.9515	*****
0.80	-0.8637	-0.8418
0.90	-1.1235	*****
0.95	-0.7745	-0.5489

Surface Pressures

● upper, starboard
 ○ lower, port

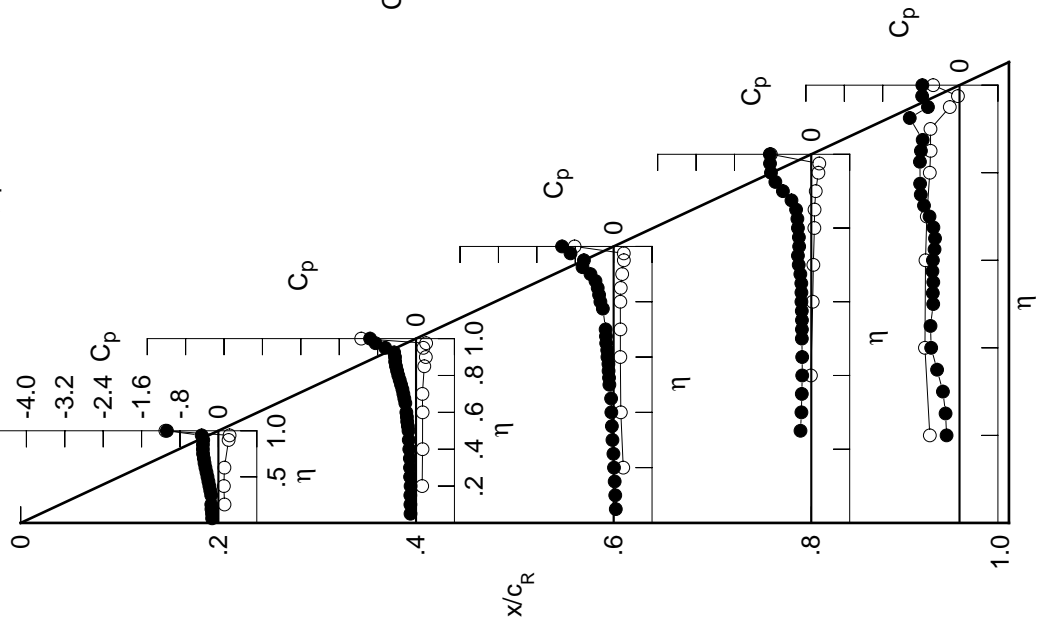


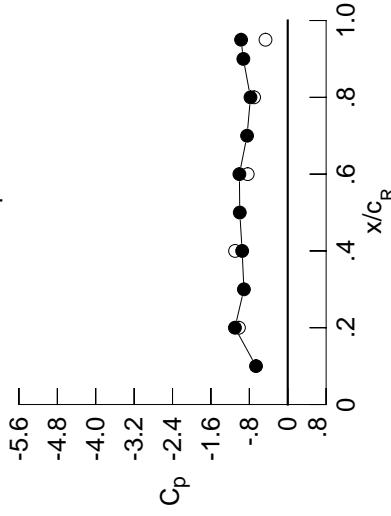
Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1454	-0.1314	0.0311	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1507	-0.1342	0.0183	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1636	-0.1384	0.0076	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1678	-0.1311	-0.0078	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1411	-0.0198	-0.2422	-0.2603	*****	*****	*****	*****	*****
0.300	-0.1691	-0.1425	-0.0375	-0.2247	-0.3529	*****	*****	*****	*****	*****
0.350	-0.1909	-0.1489	-0.0599	-0.2212	-0.3987	*****	*****	*****	*****	*****
0.400	-0.2103	-0.1598	-0.0745	-0.2133	-0.4104	*****	*****	*****	*****	*****
0.450	-0.2315	-0.1803	-0.0794	-0.2158	-0.3736	*****	*****	*****	*****	*****
0.500	-0.2527	-0.1867	-0.1094	-0.2327	-0.3015	*****	*****	*****	*****	*****
0.525	*****	-0.1975	-0.1171	-0.2292	-0.3210	*****	*****	*****	*****	*****
0.550	-0.2759	-0.2104	-0.1249	-0.2202	-0.3469	*****	*****	*****	*****	*****
0.575	*****	-0.2134	-0.1266	-0.2184	-0.4074	*****	*****	*****	*****	*****
0.600	-0.3010	-0.2234	-0.1548	-0.2174	-0.4728	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1738	-0.2133	-0.5191	*****	*****	*****	*****	*****
0.650	-0.3250	-0.2469	-0.1963	-0.2125	-0.5355	*****	*****	*****	*****	*****
0.675	*****	-0.2665	-0.1890	-0.2235	-0.5252	*****	*****	*****	*****	*****
0.700	-0.3452	-0.2907	-0.1907	-0.2343	-0.5487	*****	*****	*****	*****	*****
0.725	*****	-0.3097	*****	-0.2986	-0.5932	*****	*****	*****	*****	*****
0.750	-0.3653	-0.3395	*****	-0.3573	-0.6420	*****	*****	*****	*****	*****
0.775	*****	-0.3659	-0.2125	-0.3549	-0.7160	*****	*****	*****	*****	*****
0.800	-0.3752	-0.3933	-0.2433	-0.3486	*****	*****	*****	*****	*****	*****
0.825	*****	-0.4258	-0.3181	-0.3941	-0.8536	*****	*****	*****	*****	*****
0.850	-0.3786	-0.4364	-0.4920	-0.6111	-0.7887	*****	*****	*****	*****	*****
0.875	*****	-0.5129	-0.7234	-0.7632	-0.6148	*****	*****	*****	*****	*****
0.900	-0.3811	-0.6607	-0.8418	-0.7935	*****	*****	*****	*****	*****	*****
0.925	*****	-0.8027	-0.8569	-0.7985	-0.8382	*****	*****	*****	*****	*****
0.950	-0.4332	-0.8791	-0.8744	-0.7827	-0.9687	*****	*****	*****	*****	*****
0.975	*****	-0.9277	-0.8166	-0.7683	-0.9695	*****	*****	*****	*****	*****
1.000	-1.1002	-0.9496	-1.0072	-0.7763	-0.9722	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.1519	0.1504	0.2182	*****	*****	*****	*****	*****	*****
-0.400		0.1419	0.1589	0.1685	0.0083	-0.7117	*****	*****	*****	*****
-0.600		0.1557	0.1619	0.1614	0.0454	-0.6963	*****	*****	*****	*****
-0.700		*****	0.1609	0.1632	0.0616	-0.6690	*****	*****	*****	*****
-0.800		*****	*****	0.1646	0.0854	-0.6042	*****	*****	*****	*****
-0.850		*****	0.2002	0.1760	0.0899	-0.5858	*****	*****	*****	*****
-0.900		0.2382	0.2274	0.2035	0.1147	-0.5806	*****	*****	*****	*****
-0.950		0.2524	0.1567	0.2292	0.1637	-0.1902	*****	*****	*****	*****
-0.975		*****	0.2037	0.2132	0.1722	-0.0269	*****	*****	*****	*****
-1.000		-1.0169	-1.0970	-0.8335	-0.7004	-0.4631	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1169
 $C_N = 0.363$, $C_m = -0.0763$
 $\alpha = 8.0^\circ$, $M_\infty = 0.849$
 $R_{mac} = 36.0 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	-0.6608	*****
0.20	-1.1002	-1.0169
0.30	-0.9131	*****
0.40	-0.9496	-1.0970
0.50	-0.9990	*****
0.60	-1.0072	-0.8335
0.70	-0.8473	*****
0.80	-0.7763	-0.7004
0.90	-0.9246	*****
0.95	-0.9722	-0.4631

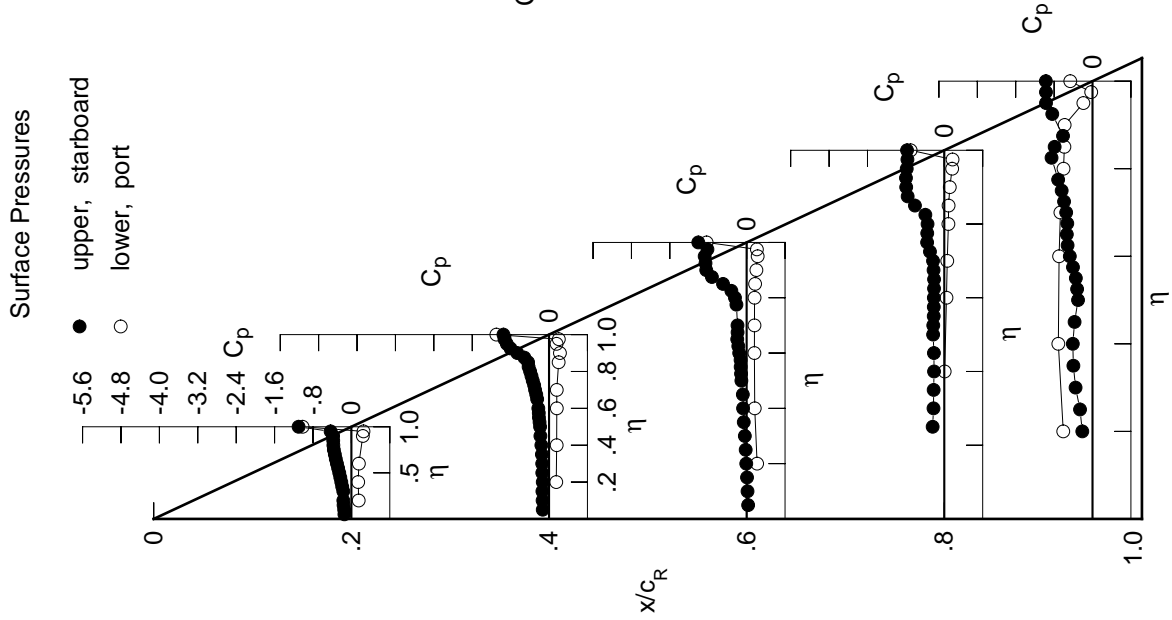


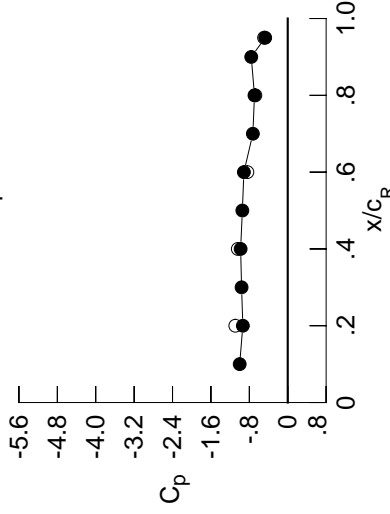
Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1696	-0.1582	0.0054	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1787	-0.1624	-0.0078	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1911	-0.1673	-0.0182	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1974	-0.1579	-0.0321	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1711	-0.0465	-0.2715	-0.3079	*****	*****	*****	*****	*****
0.300	-0.1983	-0.1707	-0.0743	-0.2588	-0.3310	*****	*****	*****	*****	*****
0.350	-0.2197	-0.1878	-0.0962	-0.2577	-0.2685	*****	*****	*****	*****	*****
0.400	-0.2416	-0.2013	-0.1078	-0.2402	-0.2680	*****	*****	*****	*****	*****
0.450	-0.2654	-0.2156	-0.1058	-0.2317	-0.3661	*****	*****	*****	*****	*****
0.500	-0.2895	-0.2198	-0.1284	-0.2354	-0.4427	*****	*****	*****	*****	*****
0.525	*****	-0.2296	-0.1304	-0.2452	-0.5126	*****	*****	*****	*****	*****
0.550	-0.3147	-0.2420	-0.1393	-0.2462	-0.6002	*****	*****	*****	*****	*****
0.575	*****	-0.2442	-0.1388	-0.2437	-0.7311	*****	*****	*****	*****	*****
0.600	-0.3432	-0.2533	-0.1598	-0.2436	-0.7735	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1734	-0.2292	-0.7661	*****	*****	*****	*****	*****
0.650	-0.3685	-0.2708	-0.2419	-0.2179	-0.7567	*****	*****	*****	*****	*****
0.675	*****	-0.2921	-0.2693	-0.2257	-0.7485	*****	*****	*****	*****	*****
0.700	-0.3917	-0.3106	-0.2572	-0.2743	-0.8280	*****	*****	*****	*****	*****
0.725	*****	-0.3269	*****	-0.4162	-0.9706	*****	*****	*****	*****	*****
0.750	-0.4129	-0.3475	*****	-0.5821	-1.0691	*****	*****	*****	*****	*****
0.775	*****	-0.3852	-0.3370	-0.7193	-1.0326	*****	*****	*****	*****	*****
0.800	-0.4214	-0.5057	-0.6036	-0.8069	*****	*****	*****	*****	*****	*****
0.825	*****	-0.6086	-0.7959	-0.8539	-0.8315	*****	*****	*****	*****	*****
0.850	-0.4193	-0.7127	-0.8530	-0.8526	-0.7550	*****	*****	*****	*****	*****
0.875	*****	-0.8547	-0.8855	-0.8108	-0.6598	*****	*****	*****	*****	*****
0.900	-0.4499	-0.9279	-0.8863	-0.7630	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9484	-0.8482	-0.7196	-0.6538	*****	*****	*****	*****	*****
0.950	-0.7724	-0.8795	-0.8061	-0.6917	-0.6559	*****	*****	*****	*****	*****
0.975	*****	-1.0036	-0.7788	-0.6829	-0.5578	*****	*****	*****	*****	*****
1.000	-0.9355	-0.9812	-0.9134	-0.6925	-0.4696	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1771	0.1723	0.2346	*****	-0.5907	*****	*****	*****	*****	*****
-0.600	0.1678	0.1807	0.1855	0.0222	-0.7077	*****	*****	*****	*****	*****
-0.700	0.1837	0.1848	0.1783	0.0598	-0.6919	*****	*****	*****	*****	*****
-0.800	*****	0.1849	0.1818	0.0753	-0.6624	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1860	0.1013	-0.5958	*****	*****	*****	*****	*****
-0.900	*****	0.2242	0.1967	0.1061	-0.5772	*****	*****	*****	*****	*****
-0.950	0.2582	0.2461	0.2235	0.1304	-0.5649	*****	*****	*****	*****	*****
-0.975	0.2652	0.1561	0.2360	0.1704	-0.1887	*****	*****	*****	*****	*****
-1.000	*****	0.1958	0.2050	0.1676	-0.0336	*****	*****	*****	*****	*****
-1.000	-1.0922	-1.0402	-0.8407	-0.6746	-0.4931	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1170
 $C_N = 0.424$, $C_m = -0.0888$
 $\alpha = 9.1^\circ$, $M_\infty = 0.847$
 $R_{mac} = 35.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0009	*****
0.20	-0.9355	-1.0922
0.30	-0.9616	*****
0.40	-0.9812	-1.0402
0.50	-0.9452	*****
0.60	-0.9134	-0.8407
0.70	-0.7263	*****
0.80	-0.6925	-0.6746
0.90	-0.7599	*****
0.95	-0.4696	-0.4931

Surface Pressures

● upper, starboard
 ○ lower, port

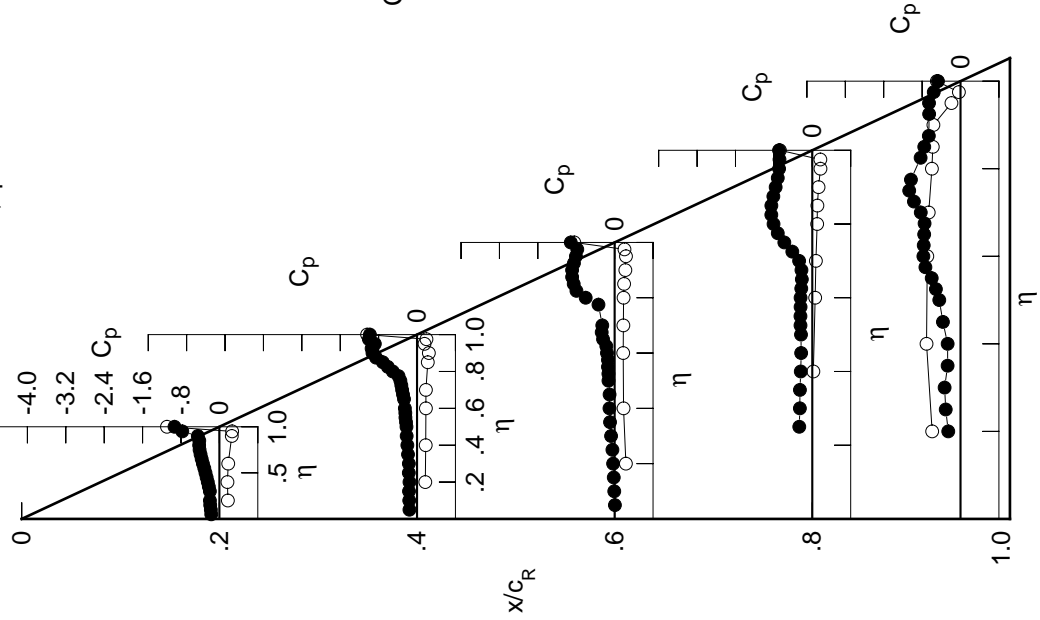
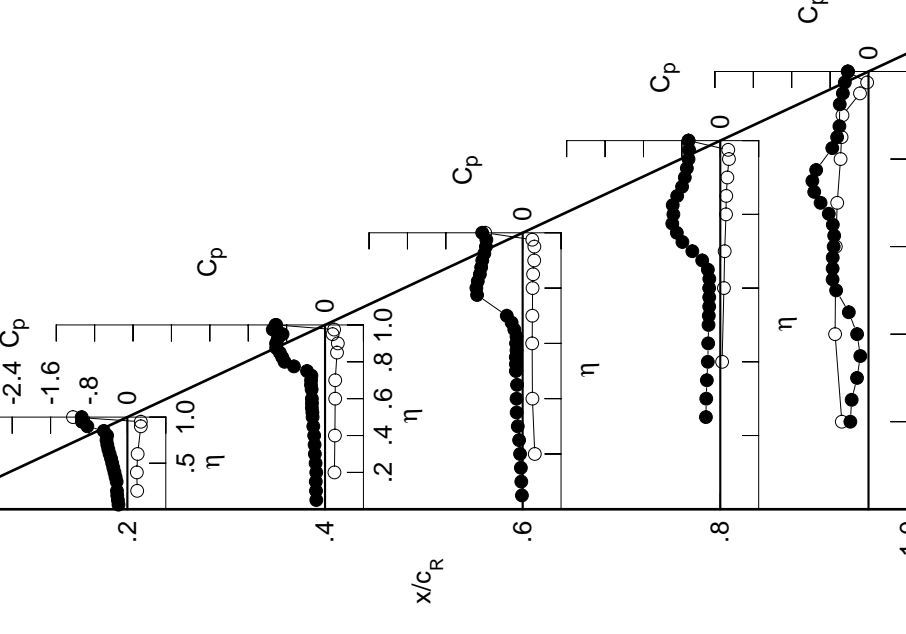
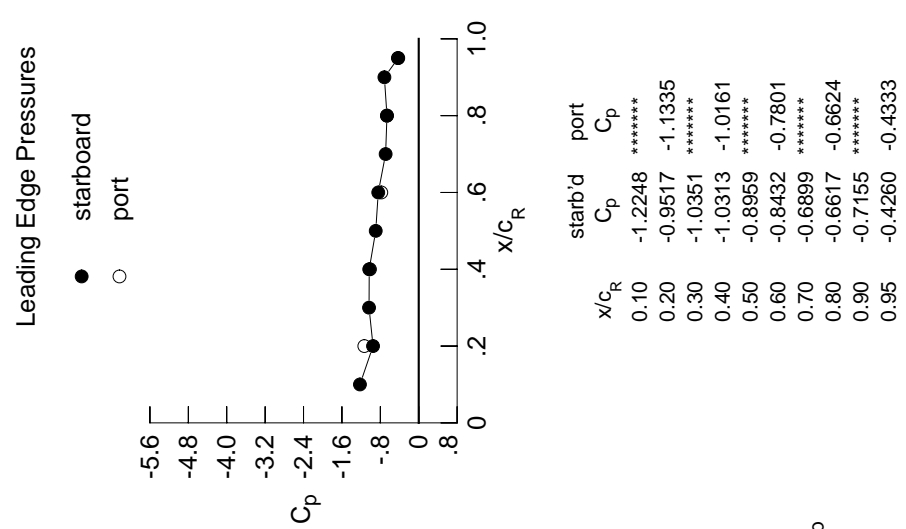


Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1857	-0.1819	-0.0149	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1981	-0.1882	-0.0281	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2114	-0.1926	-0.0370	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2176	-0.1830	-0.0535	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1967	-0.0737	-0.2993	-0.3516	*****	*****	*****	*****	*****
0.300	-0.2240	-0.2119	-0.1018	-0.2921	-0.2391	*****	*****	*****	*****	*****
0.350	-0.2467	-0.2178	-0.1250	-0.2800	-0.1701	*****	*****	*****	*****	*****
0.400	-0.2692	-0.2266	-0.1274	-0.2603	-0.2378	*****	*****	*****	*****	*****
0.450	-0.2932	-0.2451	-0.1170	-0.2521	-0.4104	*****	*****	*****	*****	*****
0.500	-0.3160	-0.2590	-0.1405	-0.2449	-0.6744	*****	*****	*****	*****	*****
0.525	*****	-0.2633	-0.1410	-0.2395	-0.7482	*****	*****	*****	*****	*****
0.550	-0.3396	-0.2747	-0.1425	-0.2314	-0.7469	*****	*****	*****	*****	*****
0.575	*****	-0.2727	-0.1283	-0.2301	-0.7453	*****	*****	*****	*****	*****
0.600	-0.3704	-0.2748	-0.1373	-0.2316	-0.7253	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1280	-0.2291	-0.7150	*****	*****	*****	*****	*****
0.650	-0.3964	-0.2792	-0.1739	-0.2592	-0.7429	*****	*****	*****	*****	*****
0.675	*****	-0.2926	-0.2294	-0.3768	-0.8280	*****	*****	*****	*****	*****
0.700	-0.4182	-0.2911	-0.3307	-0.5820	-0.9987	*****	*****	*****	*****	*****
0.725	*****	-0.2839	*****	-0.7885	-1.1313	*****	*****	*****	*****	*****
0.750	-0.4353	-0.3750	*****	-0.9053	-1.1697	*****	*****	*****	*****	*****
0.775	*****	-0.6478	-0.9489	-0.9997	-1.0906	*****	*****	*****	*****	*****
0.800	-0.4225	-0.8437	-0.9640	-0.9779	*****	*****	*****	*****	*****	*****
0.825	*****	-0.8920	-0.9346	-0.9908	-0.7553	*****	*****	*****	*****	*****
0.850	-0.4922	-0.9421	-0.8916	-0.8974	-0.6538	*****	*****	*****	*****	*****
0.875	*****	-1.0175	-0.8639	-0.7963	-0.6065	*****	*****	*****	*****	*****
0.900	-0.8339	-1.0198	-0.8407	-0.7388	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9847	-0.7984	-0.6967	-0.5990	*****	*****	*****	*****	*****
0.950	-0.9484	-0.8847	-0.7645	-0.6614	-0.5348	*****	*****	*****	*****	*****
0.975	*****	-1.0884	-0.7557	-0.6516	-0.4933	*****	*****	*****	*****	*****
1.000	-0.9517	-1.0313	-0.8432	-0.6617	-0.4260	*****	*****	*****	*****	*****
-0.200	0.2042	0.1957	0.2527	*****	-0.5558	*****	*****	*****	*****	*****
-0.400	0.1964	0.2053	0.2038	0.0378	-0.6960	*****	*****	*****	*****	*****
-0.600	0.2133	0.2116	0.1982	0.0757	-0.6815	*****	*****	*****	*****	*****
-0.700	*****	0.2124	0.2028	0.0915	-0.6517	*****	*****	*****	*****	*****
-0.800	*****	*****	0.2075	0.1193	-0.5827	*****	*****	*****	*****	*****
-0.850	*****	0.2500	0.2181	0.1241	-0.5618	*****	*****	*****	*****	*****
-0.900	0.2798	0.2664	0.2410	0.1472	-0.5423	*****	*****	*****	*****	*****
-0.950	0.2801	0.1577	0.2439	0.1800	-0.1776	*****	*****	*****	*****	*****
-0.975	*****	0.1887	0.2011	0.1660	-0.0292	*****	*****	*****	*****	*****
-1.000	-1.1335	-1.0161	-0.7801	-0.6624	-0.4333	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1171
 $C_N = 0.485$, $C_m = -0.0990$
 $\alpha = 10.1^\circ$, $M_\infty = 0.848$
 $R_{mac} = 35.9 \times 10^6$



x/c_R	starbd C_p	port C_p
0.10	-1.2248	*****
0.20	-0.9517	-1.1335
0.30	-1.0351	*****
0.40	-1.0313	-1.0161
0.50	-0.8959	*****
0.60	-0.8432	-0.7801
0.70	-0.6899	*****
0.80	-0.6617	-0.6624
0.90	-0.7155	*****
0.95	-0.4260	-0.4333

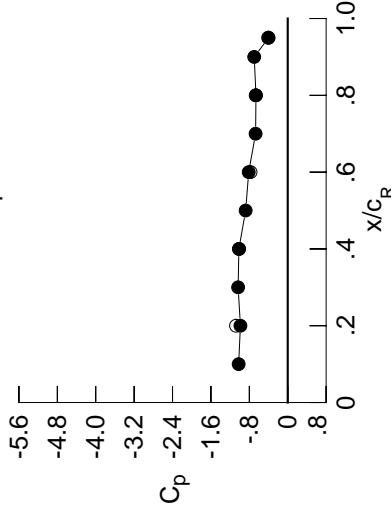
Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,i}$	$C_{p,i}$
0.050	-0.2003	-0.2088	-0.0325	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2114	-0.2112	-0.0430	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2299	-0.2138	-0.0553	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2364	-0.2103	-0.0771	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2362	-0.0983	-0.3210	-0.3300	*****	*****	*****	*****	*****
0.300	-0.2502	-0.2375	-0.1165	-0.3068	-0.1992	*****	*****	*****	*****	*****
0.350	-0.2720	-0.2388	-0.1319	-0.2917	-0.2047	*****	*****	*****	*****	*****
0.400	-0.2911	-0.2435	-0.1338	-0.2727	-0.3071	*****	*****	*****	*****	*****
0.450	-0.3090	-0.2581	-0.1244	-0.2616	-0.5246	*****	*****	*****	*****	*****
0.500	-0.3272	-0.2687	-0.1487	-0.2498	-0.7055	*****	*****	*****	*****	*****
0.525	*****	-0.2763	-0.1462	-0.2400	-0.7204	*****	*****	*****	*****	*****
0.550	-0.3560	-0.2873	-0.1412	-0.2290	-0.7033	*****	*****	*****	*****	*****
0.575	*****	-0.2809	-0.1207	-0.2262	-0.6966	*****	*****	*****	*****	*****
0.600	-0.3866	-0.2746	-0.1310	-0.2354	-0.6905	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1354	-0.2728	-0.7227	*****	*****	*****	*****	*****
0.650	-0.4112	-0.2489	-0.2400	-0.3916	-0.8284	*****	*****	*****	*****	*****
0.675	*****	-0.2334	-0.4655	-0.6259	-0.9745	*****	*****	*****	*****	*****
0.700	-0.4198	-0.3034	-0.7471	-0.8683	-1.1405	*****	*****	*****	*****	*****
0.725	*****	-0.6567	*****	-1.0302	-1.2398	*****	*****	*****	*****	*****
0.750	-0.4156	-0.9520	*****	-1.0754	-1.2021	*****	*****	*****	*****	*****
0.775	*****	-1.0571	-1.0534	-1.1055	-0.8747	*****	*****	*****	*****	*****
0.800	-0.5384	-1.0568	-1.0095	-1.0501	*****	*****	*****	*****	*****	*****
0.825	*****	-0.9893	-0.9574	-1.0003	-0.6414	*****	*****	*****	*****	*****
0.850	-0.8492	-0.9769	-0.8930	-0.8632	-0.5780	*****	*****	*****	*****	*****
0.875	*****	-1.0337	-0.8494	-0.7803	-0.5710	*****	*****	*****	*****	*****
0.900	-0.9824	-1.0412	-0.8371	-0.7537	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9784	-0.8112	-0.7042	-0.5776	*****	*****	*****	*****	*****
0.950	-1.0077	-0.8936	-0.7669	-0.6661	-0.5061	*****	*****	*****	*****	*****
0.975	*****	-1.0621	-0.7617	-0.6600	-0.4618	*****	*****	*****	*****	*****
1.000	-0.9856	-1.0173	-0.8132	-0.6618	-0.3987	*****	*****	*****	*****	*****
-0.200	$C_{p,i}$	$C_{p,i}$	$C_{p,i}$	$C_{p,i}$	$C_{p,i}$	$C_{p,i}$	$C_{p,i}$	$C_{p,i}$	$C_{p,i}$	$C_{p,i}$
-0.400	0.2330	0.2206	0.2219	*****	-0.5740	*****	*****	*****	*****	*****
-0.600	0.2271	0.2306	0.2241	0.0540	-0.6834	*****	*****	*****	*****	*****
-0.700	0.2449	0.2366	0.2197	0.0935	-0.6691	*****	*****	*****	*****	*****
-0.800	*****	0.2403	0.2240	0.1088	-0.6391	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2298	0.1352	-0.5693	*****	*****	*****	*****	*****
-0.900	0.3022	0.2853	0.2599	0.1643	-0.5217	*****	*****	*****	*****	*****
-0.950	0.2970	0.1602	0.2512	0.1885	-0.1677	*****	*****	*****	*****	*****
-0.975	*****	0.1816	0.1960	0.1621	-0.0282	*****	*****	*****	*****	*****
-1.000	-1.0775	-1.0123	-0.7743	-0.6672	-0.4071	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1172
 $C_N = 0.539$, $C_m = -0.1055$
 $\alpha = 11.1^\circ$, $M_\infty = 0.849$
 $R_{mac} = 36.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0226	*****
0.20	-0.9856	-1.0775
0.30	-1.0334	*****
0.40	-1.0173	-1.0123
0.50	-0.8765	*****
0.60	-0.8132	-0.7743
0.70	-0.6694	*****
0.80	-0.6618	-0.6672
0.90	-0.6981	*****
0.95	-0.3987	-0.4071

Surface Pressures

● upper, starboard
 ○ lower, port

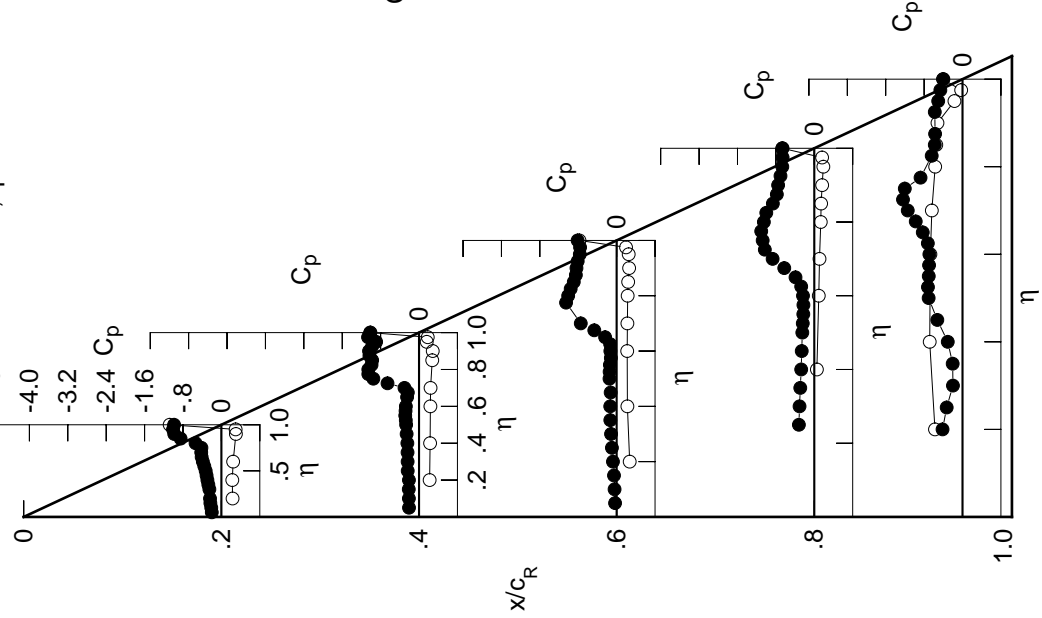


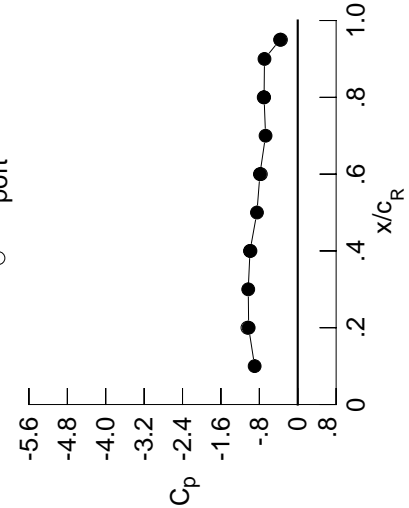
Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2227	-0.2418	-0.0543	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2319	-0.2451	-0.0648	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2516	-0.2443	-0.0823	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2717	-0.2557	-0.1085	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2698	-0.1176	-0.3456	-0.2374	*****	*****	*****	*****	*****
0.300	-0.2719	-0.2672	-0.1300	-0.3205	-0.2081	*****	*****	*****	*****	*****
0.350	-0.2849	-0.2668	-0.1403	-0.3076	-0.2740	*****	*****	*****	*****	*****
0.400	-0.3058	-0.2710	-0.1485	-0.2882	-0.4244	*****	*****	*****	*****	*****
0.450	-0.3294	-0.2827	-0.1358	-0.2756	-0.6521	*****	*****	*****	*****	*****
0.500	-0.3509	-0.2754	-0.1592	-0.2607	-0.6902	*****	*****	*****	*****	*****
0.525	*****	-0.2776	-0.1510	-0.2530	-0.6931	*****	*****	*****	*****	*****
0.550	-0.3776	-0.2843	-0.1464	-0.2478	-0.6807	*****	*****	*****	*****	*****
0.575	*****	-0.2697	-0.1315	-0.2639	-0.6956	*****	*****	*****	*****	*****
0.600	-0.3983	-0.2525	-0.1827	-0.3123	-0.7301	*****	*****	*****	*****	*****
0.625	*****	*****	-0.2607	-0.4215	-0.8211	*****	*****	*****	*****	*****
0.650	-0.4006	-0.2533	-0.5112	-0.6204	-0.9713	*****	*****	*****	*****	*****
0.675	*****	-0.5651	-0.8129	-0.8715	-1.1187	*****	*****	*****	*****	*****
0.700	-0.3931	-0.9954	-1.0383	-1.0763	-1.2634	*****	*****	*****	*****	*****
0.725	*****	-1.1874	*****	-1.2068	-0.9551	*****	*****	*****	*****	*****
0.750	-0.6279	-1.2318	*****	-1.2334	-0.8617	*****	*****	*****	*****	*****
0.775	*****	-1.2153	-1.1619	-1.1322	-0.7458	*****	*****	*****	*****	*****
0.800	-0.9129	-1.1638	-1.1016	-0.9535	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0872	-1.0263	-0.8994	-0.5910	*****	*****	*****	*****	*****
0.850	-1.0394	-1.0639	-0.9246	-0.8403	-0.5608	*****	*****	*****	*****	*****
0.875	*****	-1.0626	-0.8566	-0.8081	-0.5717	*****	*****	*****	*****	*****
0.900	-1.0270	-1.0106	-0.8308	-0.7858	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9419	-0.8077	-0.7178	-0.5514	*****	*****	*****	*****	*****
0.950	-1.0415	-0.8856	-0.7697	-0.7098	-0.4865	*****	*****	*****	*****	*****
0.975	*****	-1.0293	-0.7619	-0.7038	-0.4303	*****	*****	*****	*****	*****
1.000	-1.0220	-0.9943	-0.7877	-0.7011	-0.3679	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2605	0.2432	0.2869	*****	*****	*****	*****	*****	*****	*****
-0.600	0.2554	0.2524	0.2394	0.0679	-0.6788	*****	*****	*****	*****	*****
-0.700	0.2738	0.2592	0.2365	0.1060	-0.6637	*****	*****	*****	*****	*****
-0.800	*****	0.2638	0.2423	0.1221	-0.6345	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2476	0.1474	-0.5594	*****	*****	*****	*****	*****
-0.900	*****	0.2939	0.2567	0.1556	-0.5359	*****	*****	*****	*****	*****
-0.950	0.3221	0.2992	0.2721	0.1753	-0.5051	*****	*****	*****	*****	*****
-0.975	0.3094	0.1591	0.2525	0.1897	-0.1591	*****	*****	*****	*****	*****
-1.000	*****	0.1705	0.1836	0.1507	-0.0259	*****	*****	*****	*****	*****
-1.000	-1.0478	-0.9844	-0.7676	-0.7085	-0.3495	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1173
 $C_N = 0.591$, $C_m = -0.1115$
 $\alpha = 12.2^\circ$, $M_\infty = 0.847$
 $R_{mac} = 35.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.8976	*****
0.20	-1.0220	-1.0478
0.30	-1.0310	*****
0.40	-0.9943	-0.9844
0.50	-0.8499	*****
0.60	-0.7877	-0.7676
0.70	-0.6701	*****
0.80	-0.7011	-0.7085
0.90	-0.6929	*****
0.95	-0.3679	-0.3495

Surface Pressures
 ● upper, starboard
 ○ lower, port

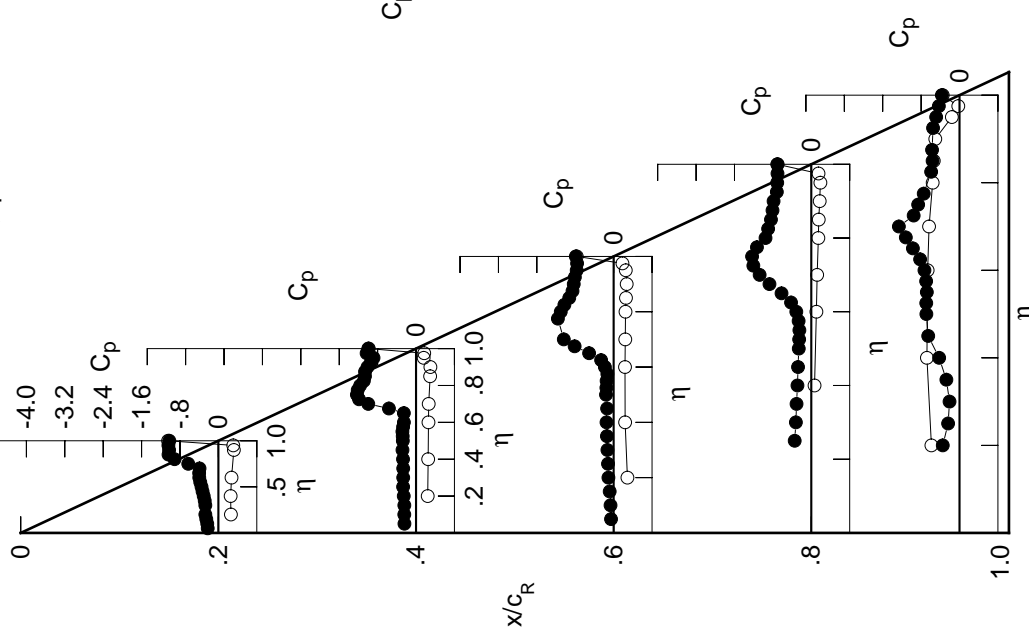


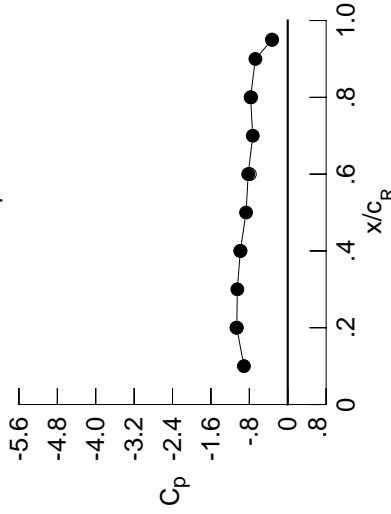
Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2474	-0.2778	-0.0761	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2523	-0.2782	-0.0869	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2803	-0.2880	-0.1081	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2997	-0.2942	-0.1255	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3001	-0.1317	-0.3693	-0.2384	*****	*****	*****	*****	*****
0.300	-0.2890	-0.2971	-0.1464	-0.3455	-0.2419	*****	*****	*****	*****	*****
0.350	-0.3063	-0.3003	-0.1579	-0.3334	-0.3370	*****	*****	*****	*****	*****
0.400	-0.3290	-0.3062	-0.1624	-0.3129	-0.5152	*****	*****	*****	*****	*****
0.450	-0.3543	-0.3129	-0.1468	-0.3010	-0.6825	*****	*****	*****	*****	*****
0.500	-0.3720	-0.2982	-0.1688	-0.2965	-0.6855	*****	*****	*****	*****	*****
0.525	*****	-0.2935	-0.1649	-0.3017	-0.6980	*****	*****	*****	*****	*****
0.550	-0.3852	-0.2939	-0.1734	-0.3196	-0.7082	*****	*****	*****	*****	*****
0.575	*****	-0.2745	-0.1988	-0.3770	-0.7634	*****	*****	*****	*****	*****
0.600	-0.3757	-0.2686	-0.3357	-0.4801	-0.8491	*****	*****	*****	*****	*****
0.625	*****	*****	-0.5172	-0.6402	-0.9811	*****	*****	*****	*****	*****
0.650	-0.3619	-0.6114	-0.8172	-0.8459	-1.1398	*****	*****	*****	*****	*****
0.675	*****	-1.0435	-1.0615	-1.0588	-1.1972	*****	*****	*****	*****	*****
0.700	-0.6585	-1.2811	-1.2134	-1.2272	-0.8289	*****	*****	*****	*****	*****
0.725	*****	-1.3607	*****	-1.2758	-0.7652	*****	*****	*****	*****	*****
0.750	-0.9818	-1.3480	*****	-1.0009	-0.6613	*****	*****	*****	*****	*****
0.775	*****	-1.3171	-1.1729	-0.9284	-0.5874	*****	*****	*****	*****	*****
0.800	-1.0957	-1.2521	-1.0401	-0.8996	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1870	-0.9412	-0.8767	-0.5562	*****	*****	*****	*****	*****
0.850	-1.1214	-1.1326	-0.9038	-0.8774	-0.5305	*****	*****	*****	*****	*****
0.875	*****	-1.0677	-0.8962	-0.8478	-0.5271	*****	*****	*****	*****	*****
0.900	-1.0623	-1.0034	-0.8695	-0.7958	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9515	-0.8296	-0.7699	-0.4974	*****	*****	*****	*****	*****
0.950	-1.0728	-0.9045	-0.8177	-0.7802	-0.4281	*****	*****	*****	*****	*****
0.975	*****	-1.0057	-0.8155	-0.7758	-0.3727	*****	*****	*****	*****	*****
1.000	-1.0613	-0.9880	-0.8235	-0.7747	-0.3261	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.2647	$C_{p,l}$	0.3019	*****	*****	*****	*****	*****	*****
-0.400	0.2818	0.2732	0.2540	0.0798	-0.6768	*****	*****	*****	*****	*****
-0.600	0.3001	0.2808	0.2513	0.1170	-0.6608	*****	*****	*****	*****	*****
-0.700	*****	0.2845	0.2572	0.1334	-0.6264	*****	*****	*****	*****	*****
-0.800	*****	*****	0.2628	0.1597	-0.5523	*****	*****	*****	*****	*****
-0.850	*****	0.3121	0.2709	0.1670	-0.5258	*****	*****	*****	*****	*****
-0.900	0.3371	0.3107	0.2816	0.1841	-0.4904	*****	*****	*****	*****	*****
-0.950	0.3187	0.1538	0.2503	0.1894	-0.1531	*****	*****	*****	*****	*****
-0.975	*****	0.1586	0.1697	0.1378	-0.0276	*****	*****	*****	*****	*****
-1.000	-1.0677	-0.9839	-0.7900	-0.7629	-0.3275	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1174
 $C_N = 0.640$, $C_m = -0.1163$
 $\alpha = 13.2^\circ$, $M_\infty = 0.847$
 $R_{mac} = 35.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.9126	*****
0.20	-1.0613	-1.0677
0.30	-1.0497	*****
0.40	-0.9880	-0.9839
0.50	-0.8680	*****
0.60	-0.8235	-0.7900
0.70	-0.7287	*****
0.80	-0.7747	-0.7629
0.90	-0.6739	*****
0.95	-0.3261	-0.3275

Surface Pressures

● upper, starboard
 ○ lower, port

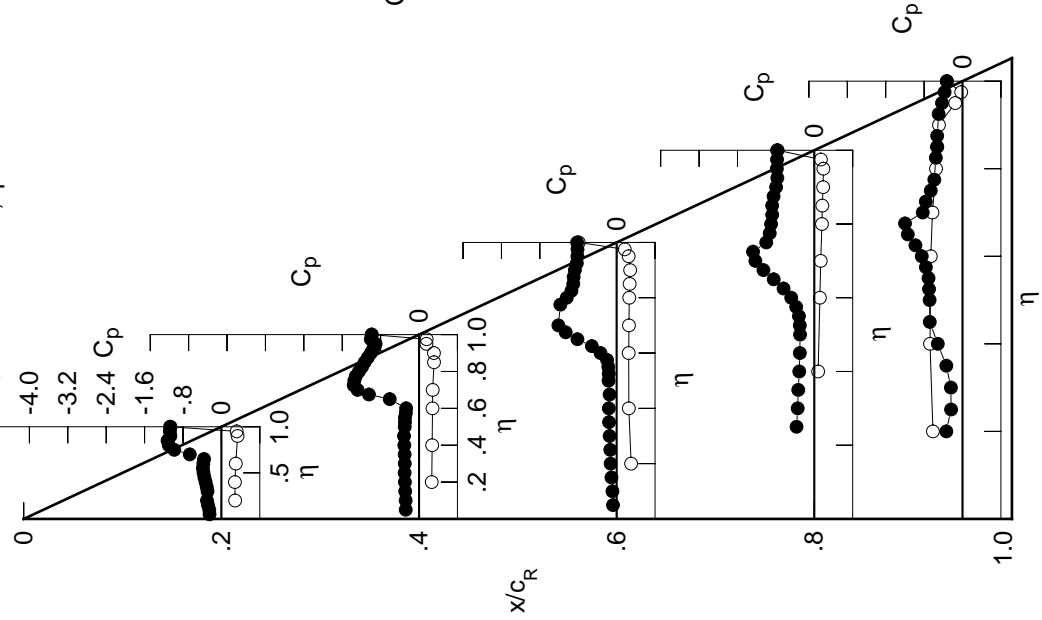


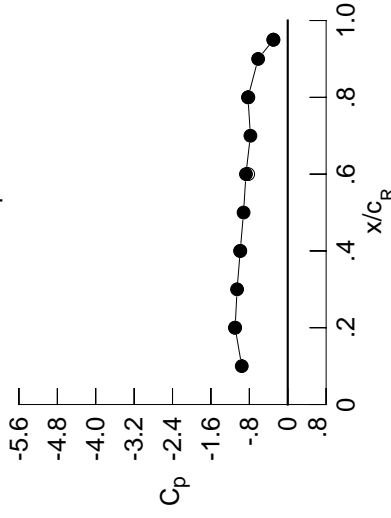
Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2728	-0.3088	-0.0928	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2754	-0.3110	-0.1068	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3072	-0.3261	-0.1274	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3180	-0.3203	-0.1386	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3271	-0.1470	-0.3923	-0.2514	*****	*****	*****	*****	*****
0.300	-0.3067	-0.3247	-0.1639	-0.3703	-0.2750	*****	*****	*****	*****	*****
0.350	-0.3252	-0.3283	-0.1750	-0.3571	-0.3793	*****	*****	*****	*****	*****
0.400	-0.3473	-0.3320	-0.1778	-0.3397	-0.5547	*****	*****	*****	*****	*****
0.450	-0.3709	-0.3349	-0.1630	-0.3336	-0.6734	*****	*****	*****	*****	*****
0.500	-0.3820	-0.3146	-0.1972	-0.3503	-0.6913	*****	*****	*****	*****	*****
0.525	*****	-0.3104	-0.2164	-0.3765	-0.7258	*****	*****	*****	*****	*****
0.550	-0.3745	-0.3173	-0.2687	-0.4307	-0.7684	*****	*****	*****	*****	*****
0.575	*****	-0.3249	-0.3606	-0.5322	-0.8632	*****	*****	*****	*****	*****
0.600	-0.3124	-0.3999	-0.5856	-0.6770	-0.9773	*****	*****	*****	*****	*****
0.625	*****	*****	-0.7989	-0.8505	-1.1206	*****	*****	*****	*****	*****
0.650	-0.5717	-0.9864	-1.0453	-1.0381	-1.1748	*****	*****	*****	*****	*****
0.675	*****	-1.2925	-1.2269	-1.2158	-0.8058	*****	*****	*****	*****	*****
0.700	-1.0309	-1.4346	-1.3377	-1.2138	-0.7392	*****	*****	*****	*****	*****
0.725	*****	-1.4698	*****	-0.9563	-0.6232	*****	*****	*****	*****	*****
0.750	-1.1673	-1.4101	*****	-0.9109	-0.5561	*****	*****	*****	*****	*****
0.775	*****	-1.3783	-1.0542	-0.9113	-0.5244	*****	*****	*****	*****	*****
0.800	-1.1905	-1.3116	-0.9965	-0.9128	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2225	-0.9751	-0.9058	-0.5148	*****	*****	*****	*****	*****
0.850	-1.1690	-1.1365	-0.9760	-0.9003	-0.4915	*****	*****	*****	*****	*****
0.875	*****	-1.0794	-0.9600	-0.8562	-0.4807	*****	*****	*****	*****	*****
0.900	-1.1003	-1.0333	-0.8910	-0.8269	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9811	-0.8745	-0.8249	-0.4334	*****	*****	*****	*****	*****
0.950	-1.1027	-0.9355	-0.8707	-0.8349	-0.3770	*****	*****	*****	*****	*****
0.975	*****	-1.0026	-0.8732	-0.8298	-0.3361	*****	*****	*****	*****	*****
1.000	-1.0960	-0.9898	-0.8705	-0.8275	-0.2974	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3145	0.2883	0.3187	*****	-0.6097	*****	*****	*****	*****	*****
-0.400	0.3122	0.2982	0.2734	0.0939	-0.6691	*****	*****	*****	*****	*****
-0.600	0.3300	0.3037	0.2696	0.1326	-0.6524	*****	*****	*****	*****	*****
-0.700	*****	0.3080	0.2759	0.1490	-0.6178	*****	*****	*****	*****	*****
-0.800	*****	*****	0.2809	0.1749	-0.5386	*****	*****	*****	*****	*****
-0.850	*****	0.3308	0.2871	0.1822	-0.5111	*****	*****	*****	*****	*****
-0.900	0.3564	0.3237	0.2939	0.1975	-0.4714	*****	*****	*****	*****	*****
-0.950	0.3306	0.1508	0.2495	0.1906	-0.1428	*****	*****	*****	*****	*****
-0.975	*****	0.1472	0.1580	0.1267	-0.0252	*****	*****	*****	*****	*****
-1.000	-1.0988	-0.9893	-0.8241	-0.8207	-0.3007	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1175
 $C_N = 0.689$, $C_m = -0.1210$
 $\alpha = 14.2^\circ$, $M_\infty = 0.847$
 $R_{mac} = 35.8 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.9574	*****
0.20	-1.0960	-1.0988
0.30	-1.0550	*****
0.40	-0.9898	-0.9893
0.50	-0.9201	*****
0.60	-0.8705	-0.8241
0.70	-0.7778	*****
0.80	-0.8275	-0.8207
0.90	-0.6167	*****
0.95	-0.2974	-0.3007

Surface Pressures

● upper, starboard
 ○ lower, port

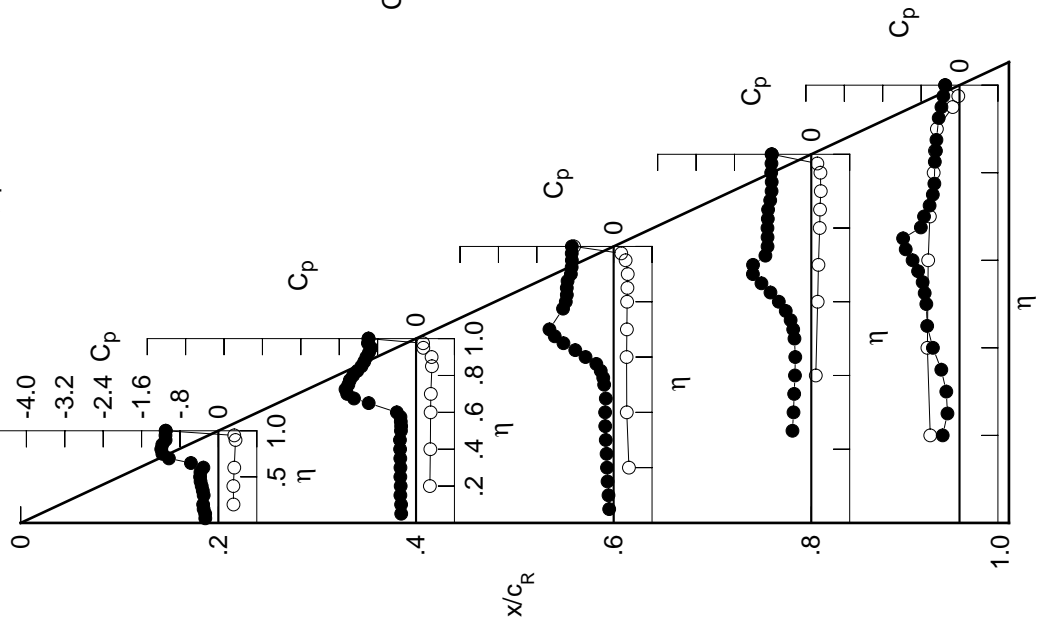


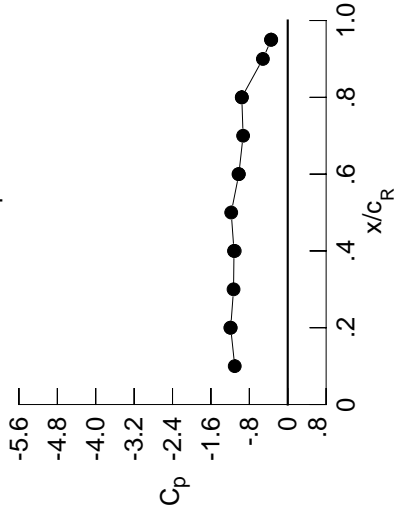
Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3547	-0.4507	-0.1740	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3807	-0.4561	-0.1906	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3889	-0.4650	-0.2049	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3934	-0.4562	-0.2224	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.4632	-0.2412	-0.5223	-0.5902	*****	*****	*****	*****	*****
0.300	-0.3826	-0.4607	-0.2706	-0.5084	-0.6403	*****	*****	*****	*****	*****
0.350	-0.4037	-0.4630	-0.3075	-0.5093	-0.6679	*****	*****	*****	*****	*****
0.400	-0.4090	-0.4758	-0.3626	-0.5275	-0.7010	*****	*****	*****	*****	*****
0.450	-0.4025	-0.5245	-0.4515	-0.6009	-0.7668	*****	*****	*****	*****	*****
0.500	-0.4029	-0.6352	-0.6748	-0.7640	-0.8909	*****	*****	*****	*****	*****
0.525	*****	-0.7594	-0.8206	-0.8802	-0.9900	*****	*****	*****	*****	*****
0.550	-0.6752	-0.9579	-0.9829	-1.0127	-1.1018	*****	*****	*****	*****	*****
0.575	*****	-1.1507	-1.1403	-1.1593	-1.2298	*****	*****	*****	*****	*****
0.600	-1.3239	-1.3388	-1.3102	-1.2892	-0.9653	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4216	-1.4029	-0.8047	*****	*****	*****	*****	*****
0.650	-1.5647	-1.5753	-1.2586	-1.2616	-0.7672	*****	*****	*****	*****	*****
0.675	*****	-1.6123	-1.1540	-1.1446	-0.7180	*****	*****	*****	*****	*****
0.700	-1.4878	-1.4411	-1.1407	-1.1348	-0.6897	*****	*****	*****	*****	*****
0.725	*****	-1.4242	*****	-1.1527	-0.6694	*****	*****	*****	*****	*****
0.750	-1.4595	-1.4312	*****	-1.1689	-0.6554	*****	*****	*****	*****	*****
0.775	*****	-1.4439	-1.1594	-1.1564	-0.5966	*****	*****	*****	*****	*****
0.800	-1.3865	-1.4428	-1.1802	-1.1317	*****	*****	*****	*****	*****	*****
0.825	*****	-1.3900	-1.1609	-1.0927	-0.4940	*****	*****	*****	*****	*****
0.850	-1.2880	-1.2974	-1.1077	-1.0656	-0.4509	*****	*****	*****	*****	*****
0.875	*****	-1.2102	-1.0788	-1.0088	-0.4565	*****	*****	*****	*****	*****
0.900	-1.2214	-1.1488	-1.0779	-0.9712	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1124	-1.0772	-0.9549	-0.4599	*****	*****	*****	*****	*****
0.950	-1.2009	-1.0978	-1.0646	-0.9590	-0.3885	*****	*****	*****	*****	*****
0.975	*****	-1.1323	-1.0421	-0.9601	-0.3635	*****	*****	*****	*****	*****
1.000	-1.1882	-1.1195	-1.0182	-0.9570	-0.3439	*****	*****	*****	*****	*****
-0.200	0.4311	0.3834	0.3938	*****	-0.5655	*****	*****	*****	*****	*****
-0.400	0.4287	0.3927	0.3485	0.1591	-0.6256	*****	*****	*****	*****	*****
-0.600	0.4435	0.3965	0.3447	0.1942	-0.6110	*****	*****	*****	*****	*****
-0.700	*****	0.3995	0.3484	0.2091	-0.5709	*****	*****	*****	*****	*****
-0.800	*****	*****	0.3479	0.2326	-0.4868	*****	*****	*****	*****	*****
-0.850	*****	0.3939	0.3455	0.2367	-0.4580	*****	*****	*****	*****	*****
-0.900	0.4169	0.3594	0.3280	0.2372	-0.4109	*****	*****	*****	*****	*****
-0.950	0.3644	0.1375	0.2317	0.1869	-0.1270	*****	*****	*****	*****	*****
-0.975	*****	0.0878	0.0856	0.0766	-0.0494	*****	*****	*****	*****	*****
-1.000	-1.1948	-1.1036	-1.0256	-0.9565	-0.3491	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1176
 $C_N = 0.914$, $C_m = -0.1548$
 $\alpha = 18.4^\circ$, $M_\infty = 0.847$
 $R_{mac} = 35.8 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1039	*****
0.20	-1.1882	-1.1948
0.30	-1.1286	*****
0.40	-1.1195	-1.1036
0.50	-1.1773	*****
0.60	-1.0182	-1.0256
0.70	-0.9299	*****
0.80	-0.9570	-0.9565
0.90	-0.5175	*****
0.95	-0.3439	-0.3491

Surface Pressures

● upper, starboard
 ○ lower, port

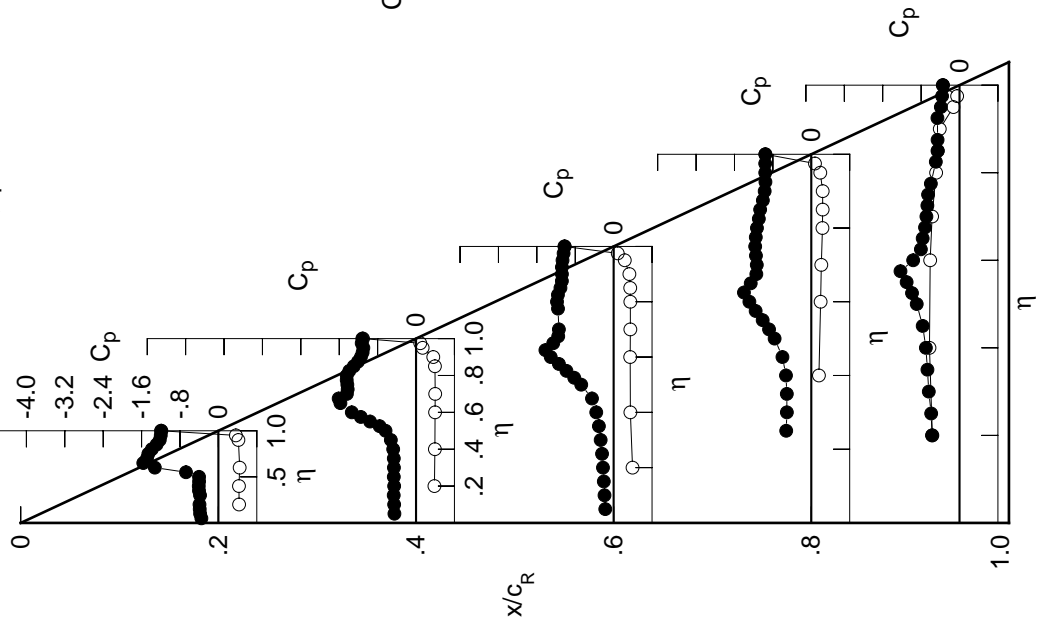


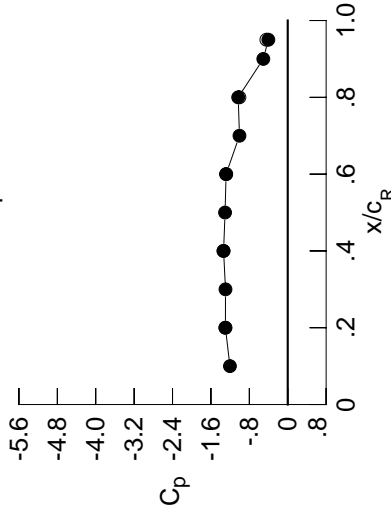
Table C4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5085	-0.6055	-0.5849	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5312	-0.6098	-0.5876	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5421	-0.6174	-0.5901	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5491	-0.6172	-0.5998	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6357	-0.6149	-0.5582	-0.4130	*****	*****	*****	*****	*****
0.300	-0.5385	-0.6551	-0.6550	-0.5880	-0.5040	*****	*****	*****	*****	*****
0.350	-0.5669	-0.7037	-0.7255	-0.6520	-0.5662	*****	*****	*****	*****	*****
0.400	-0.6223	-0.8009	-0.8526	-0.7563	-0.6671	*****	*****	*****	*****	*****
0.450	-0.7916	-0.9777	-1.0401	-0.9199	-0.8124	*****	*****	*****	*****	*****
0.500	-1.1465	-1.1868	-1.2853	-1.1265	-1.0043	*****	*****	*****	*****	*****
0.525	*****	-1.2968	-1.3912	-1.2315	-1.1176	*****	*****	*****	*****	*****
0.550	-1.5049	-1.4496	-1.4930	-1.3300	-1.2002	*****	*****	*****	*****	*****
0.575	*****	-1.5437	-1.5708	-1.4275	-0.8278	*****	*****	*****	*****	*****
0.600	-1.7134	-1.6289	-1.6450	-1.5100	-0.7384	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4555	-1.5776	-0.6992	*****	*****	*****	*****	*****
0.650	-1.7004	-1.4007	-1.4314	-1.3329	-0.6680	*****	*****	*****	*****	*****
0.675	*****	-1.4012	-1.4269	-1.3093	-0.6065	*****	*****	*****	*****	*****
0.700	-1.6151	-1.4050	-1.4221	-1.2937	-0.5388	*****	*****	*****	*****	*****
0.725	*****	-1.4133	*****	-1.2828	-0.4929	*****	*****	*****	*****	*****
0.750	-1.5358	-1.4369	*****	-1.2685	-0.4886	*****	*****	*****	*****	*****
0.775	*****	-1.4816	-1.4397	-1.2729	-0.5176	*****	*****	*****	*****	*****
0.800	-1.4101	-1.4752	-1.4508	-1.2860	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4115	-1.4347	-1.2849	-0.6063	*****	*****	*****	*****	*****
0.850	-1.3693	-1.3574	-1.3750	-1.2905	-0.5751	*****	*****	*****	*****	*****
0.875	*****	-1.3371	-1.3196	-1.2036	-0.5682	*****	*****	*****	*****	*****
0.900	-1.3196	-1.3410	-1.2953	-1.0970	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3437	-1.2893	-1.0311	-0.5568	*****	*****	*****	*****	*****
0.950	-1.3072	-1.3425	-1.2893	-1.0301	-0.4748	*****	*****	*****	*****	*****
0.975	*****	-1.3368	-1.2801	-1.0405	-0.4350	*****	*****	*****	*****	*****
1.000	-1.2982	-1.3364	-1.2844	-1.0318	-0.4037	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5446	0.4802	0.4680	*****	-0.5124	*****	*****	*****	*****	*****
-0.600	0.5417	0.4864	0.4244	0.2259	-0.5740	*****	*****	*****	*****	*****
-0.700	0.5468	0.4867	0.4173	0.2578	-0.5547	*****	*****	*****	*****	*****
-0.800	*****	0.4843	0.4198	0.2700	-0.5142	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4098	0.2874	-0.4312	*****	*****	*****	*****	*****
-0.900	*****	0.4444	0.3939	0.2841	-0.4003	*****	*****	*****	*****	*****
-0.950	0.4663	0.3833	0.3532	0.2669	-0.3550	*****	*****	*****	*****	*****
-0.975	0.3882	0.1134	0.2096	0.1749	-0.1176	*****	*****	*****	*****	*****
-1.000	*****	0.0293	0.0250	0.0272	-0.0843	*****	*****	*****	*****	*****
-1.000	-1.2989	-1.3395	-1.2810	-1.0071	-0.4445	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1177
 $C_N = 1.138$, $C_m = -0.1956$
 $\alpha = 22.5^\circ$, $M_\infty = 0.851$
 $R_{mac} = 35.8 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2043	*****
0.20	-1.2982	-1.2989
0.30	-1.2966	*****
0.40	-1.3364	-1.3395
0.50	-1.3055	*****
0.60	-1.2844	-1.2810
0.70	-1.0053	*****
0.80	-1.0318	-1.0071
0.90	-0.5084	*****
0.95	-0.4037	-0.4445

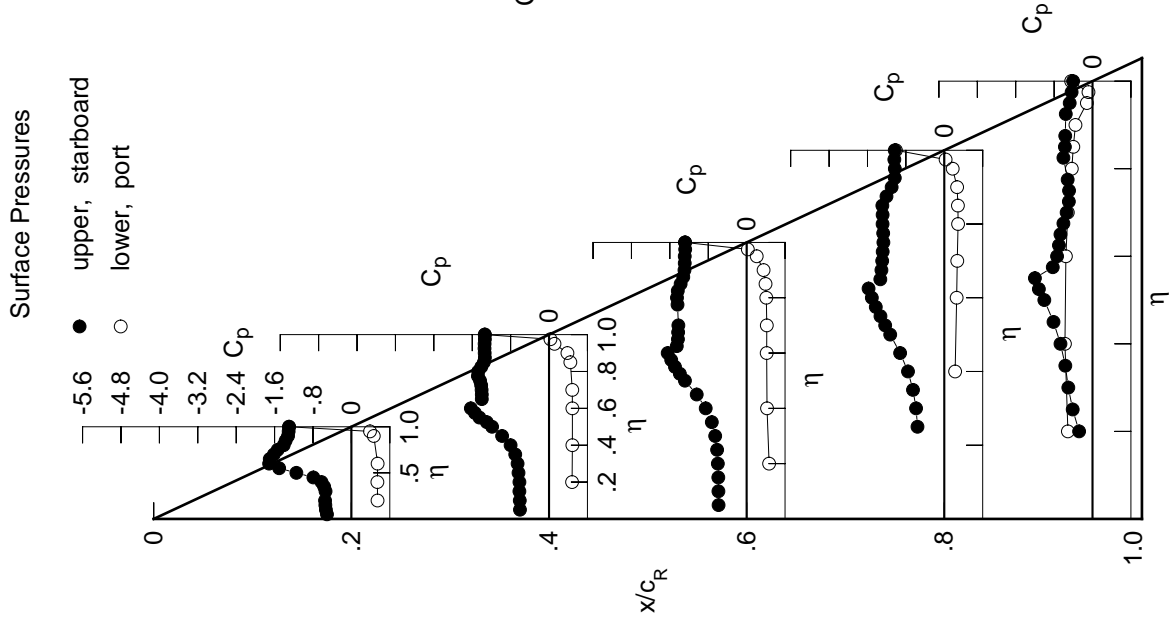


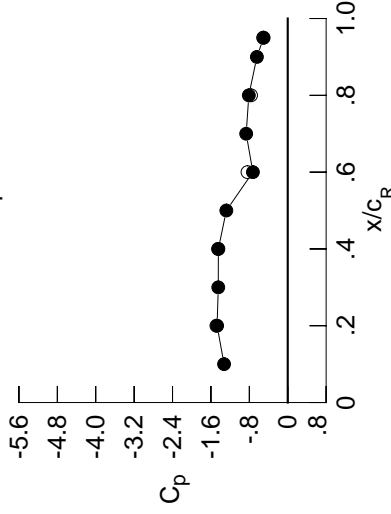
Table C4. Concluded.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.6956	-0.7341	-0.0394	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6962	-0.7431	-0.0522	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6993	-0.7507	-0.0581	*****	*****	*****	*****	*****	*****	*****
0.200	-0.7228	-0.7663	-0.0828	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.8134	-0.1263	-1.0959	-0.8130	*****	*****	*****	*****	*****
0.300	-0.7912	-0.8783	-0.2107	-1.0889	-0.8781	*****	*****	*****	*****	*****
0.350	-0.9010	-0.9871	-0.3403	-1.0770	-0.8835	*****	*****	*****	*****	*****
0.400	-1.0789	-1.1519	-0.5339	-1.0274	-0.8409	*****	*****	*****	*****	*****
0.450	-1.3125	-1.3478	-0.7615	-0.9674	-0.8101	*****	*****	*****	*****	*****
0.500	-1.5446	-1.4977	-1.0396	-0.9241	-0.7789	*****	*****	*****	*****	*****
0.525	*****	-1.5603	-1.1527	-0.9288	-0.8092	*****	*****	*****	*****	*****
0.550	-1.7130	-1.6679	-1.2471	-0.9294	-0.8030	*****	*****	*****	*****	*****
0.575	*****	-1.7194	-1.3225	-0.9599	-0.8188	*****	*****	*****	*****	*****
0.600	-1.5705	-1.7373	-1.3821	-0.9879	-0.8118	*****	*****	*****	*****	*****
0.625	*****	*****	-1.2099	-0.9811	-0.8150	*****	*****	*****	*****	*****
0.650	-1.5713	-1.5546	-1.0599	-0.9871	-0.8183	*****	*****	*****	*****	*****
0.675	*****	-1.5612	-1.0086	-0.9988	-0.8016	*****	*****	*****	*****	*****
0.700	-1.5881	-1.5594	-0.9455	-0.9969	-0.7959	*****	*****	*****	*****	*****
0.725	*****	-1.5609	*****	-0.9859	-0.7860	*****	*****	*****	*****	*****
0.750	-1.6681	-1.5775	*****	-0.9535	-0.7787	*****	*****	*****	*****	*****
0.775	*****	-1.6173	-0.7707	-0.9501	-0.7614	*****	*****	*****	*****	*****
0.800	-1.5505	-1.6336	-0.7488	-0.9408	*****	*****	*****	*****	*****	*****
0.825	*****	-1.5839	-0.7409	-0.9366	-0.7247	*****	*****	*****	*****	*****
0.850	-1.4615	-1.4983	-0.7474	-0.9146	-0.6922	*****	*****	*****	*****	*****
0.875	*****	-1.4474	-0.7505	-0.8976	-0.6711	*****	*****	*****	*****	*****
0.900	-1.4868	-1.4411	-0.7376	-0.8887	*****	*****	*****	*****	*****	*****
0.925	*****	-1.4447	-0.7129	-0.8682	-0.6379	*****	*****	*****	*****	*****
0.950	-1.4803	-1.4472	-0.7044	-0.8501	-0.5872	*****	*****	*****	*****	*****
0.975	*****	-1.4433	-0.7022	-0.8315	-0.5469	*****	*****	*****	*****	*****
1.000	-1.4714	-1.4451	-0.7259	-0.8105	-0.5025	*****	*****	*****	*****	*****
-0.200	0.6534	0.5738	0.5394	*****	-0.5012	*****	*****	*****	*****	*****
-0.400	0.6466	0.5785	0.4986	0.2812	-0.5557	*****	*****	*****	*****	*****
-0.600	0.6392	0.5721	0.4881	0.3079	-0.5369	*****	*****	*****	*****	*****
-0.700	*****	0.5620	0.4896	0.3160	-0.4965	*****	*****	*****	*****	*****
-0.800	*****	*****	0.4703	0.3281	-0.4180	*****	*****	*****	*****	*****
-0.850	*****	0.4882	0.4450	0.3188	-0.3925	*****	*****	*****	*****	*****
-0.900	0.5023	0.4004	0.3889	0.2878	-0.3492	*****	*****	*****	*****	*****
-0.950	0.3991	0.1028	0.2193	0.1713	-0.1440	*****	*****	*****	*****	*****
-0.975	*****	-0.0206	0.0189	0.0117	-0.1381	*****	*****	*****	*****	*****
-1.000	-1.4854	-1.4504	-0.8385	-0.7641	-0.5118	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 54, Point No. = 1178
 $C_N = 1.191$, $C_m = -0.1938$
 $\alpha = 26.5^\circ$, $M_\infty = 0.851$
 $R_{mac} = 35.7 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.3266	*****
0.20	-1.4714	-1.4854
0.30	-1.4472	*****
0.40	-1.4451	-1.4504
0.50	-1.2789	*****
0.60	-0.7259	-0.8385
0.70	-0.8655	*****
0.80	-0.8105	-0.7641
0.90	-0.6421	*****
0.95	-0.5025	-0.5118

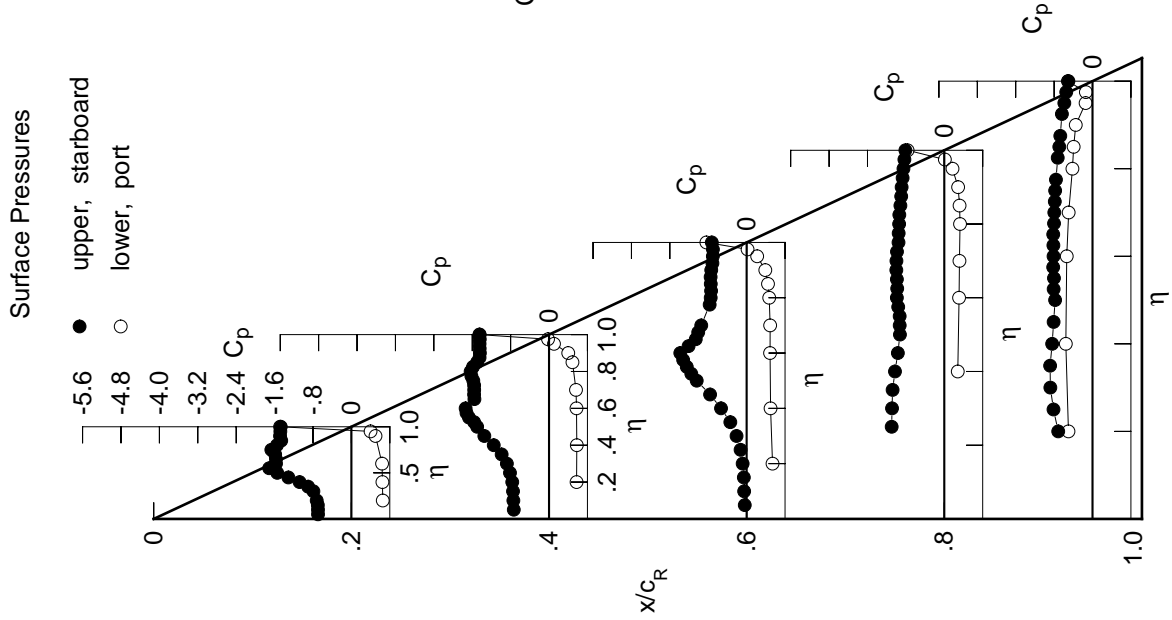
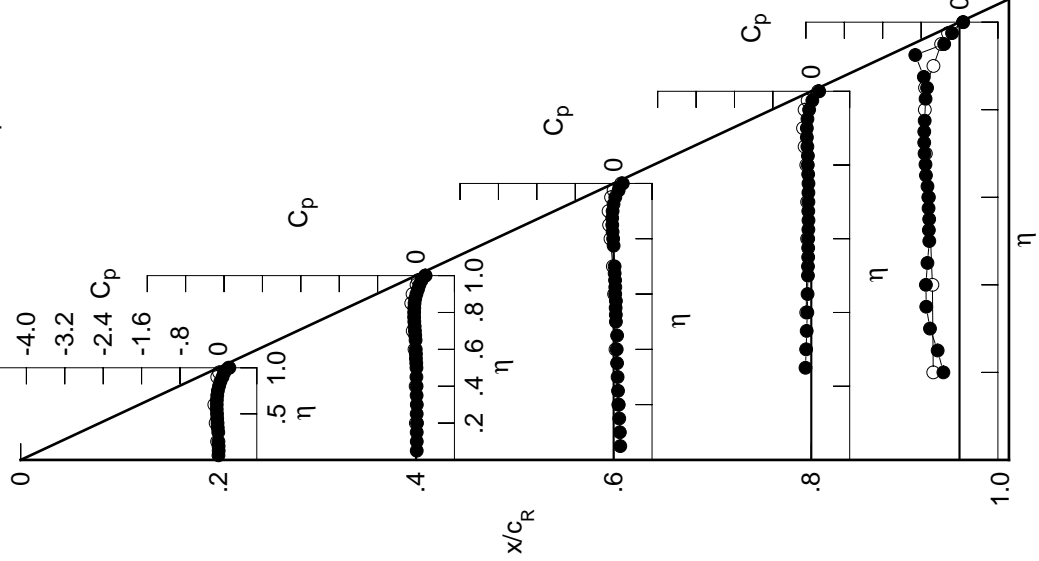


Table C5. Tabulations and Plots of Surface Pressure Coefficients.

η	$x/c_R = .2$ $C_{p,u}$	$x/c_R = .4$ $C_{p,u}$	$x/c_R = .6$ $C_{p,u}$	$x/c_R = .8$ $C_{p,u}$	$x/c_R = .95$ $C_{p,u}$
0.050	0.0016	0.0145	0.1384	*****	*****
0.100	0.0056	0.0148	0.1297	*****	*****
0.150	0.0037	0.0148	0.1167	*****	*****
0.200	0.0010	0.0200	0.1055	*****	-0.3357
0.250	*****	0.0139	0.0915	-0.1210	-0.4551
0.300	-0.0021	0.0156	0.0824	-0.1069	-0.6153
0.350	-0.0128	0.0118	0.0714	-0.0962	-0.6927
0.400	-0.0178	0.0116	0.0640	-0.0825	-0.7001
0.450	-0.0251	0.0076	0.0718	-0.0774	-0.6681
0.500	-0.0290	0.0092	0.0470	-0.0699	-0.6296
0.525	*****	0.0045	0.0452	-0.0686	-0.6386
0.550	-0.0345	-0.0028	0.0416	-0.0651	-0.6319
0.575	*****	-0.0024	0.0472	-0.0652	-0.6449
0.600	-0.0347	-0.0060	0.0325	-0.0648	-0.6502
0.625	*****	*****	0.0347	-0.0609	-0.6674
0.650	-0.0324	-0.0094	0.0296	-0.0585	-0.6994
0.675	*****	-0.0168	0.0212	-0.0628	-0.7087
0.700	-0.0238	-0.0234	0.0199	-0.0601	-0.7280
0.725	*****	-0.0288	*****	-0.0602	-0.7354
0.750	-0.0110	-0.0359	*****	-0.0582	-0.7344
0.775	*****	-0.0397	-0.0008	-0.0650	-0.7259
0.800	0.0124	-0.0393	-0.0103	-0.0726	*****
0.825	*****	-0.0371	-0.0216	-0.0705	-0.7069
0.850	0.0419	-0.0313	-0.0287	-0.0817	-0.6763
0.875	*****	-0.0166	-0.0303	-0.0922	-0.7431
0.900	0.0867	0.0078	-0.0214	-0.0928	*****
0.925	*****	0.0402	-0.0022	-0.0797	-0.9207
0.950	0.1252	0.0701	0.0346	-0.0456	-0.3192
0.975	*****	0.1171	0.1040	0.0219	-0.1548
1.000	0.2287	0.1995	0.1904	0.1644	0.0746
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0269	-0.0043	0.0982	*****	-0.5471
-0.400	-0.0574	-0.0079	0.0387	-0.1058	-0.5648
-0.600	-0.0851	-0.0315	0.0100	-0.0869	-0.6376
-0.700	*****	-0.0686	-0.0171	-0.0868	-0.7011
-0.800	*****	*****	-0.0659	-0.1041	-0.7225
-0.850	*****	-0.1000	-0.0944	-0.1390	-0.7182
-0.900	-0.0238	-0.0724	-0.1052	-0.1719	-0.5433
-0.950	0.0135	0.0101	-0.0539	-0.1394	-0.3831
-0.975	*****	0.0386	-0.0006	-0.0761	-0.2388
-1.000	0.2091	0.1888	0.1574	0.1414	0.0769

Surface Pressures

● upper, starboard
○ lower, port



Small Radius L.E.

Run No. = 52, Point No. = 1115

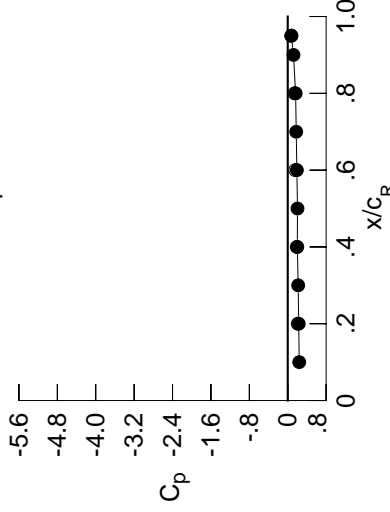
$C_N = -0.028$, $C_m = 0.0021$

$\alpha = -0.8^\circ$, $M_\infty = 0.850$

$R_{mac} = 60.2 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2397	*****
0.20	0.2287	0.2091
0.30	0.2174	*****
0.40	0.1995	0.1888
0.50	0.2032	*****
0.60	0.1904	0.1574
0.70	0.1770	*****
0.80	0.1644	0.1414
0.90	0.1199	*****
0.95	0.0746	0.0769

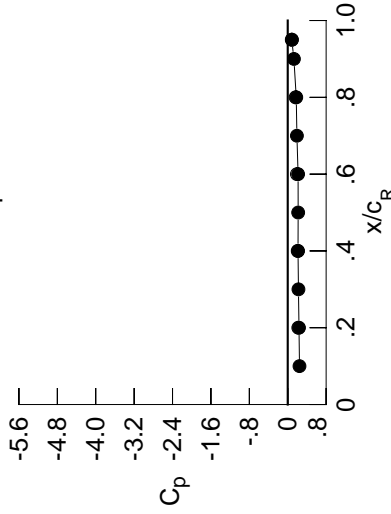
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0042	0.0097	0.1352	*****	*****	*****	*****	*****	*****	
0.100	0.0009	0.0117	0.1268	*****	*****	*****	*****	*****	*****	
0.150	-0.0022	0.0106	0.1135	*****	*****	*****	*****	*****	*****	
0.200	-0.0040	0.0148	0.1023	*****	*****	*****	*****	*****	*****	
0.250	*****	0.0099	0.0890	-0.1229	-0.4278	*****	*****	*****	*****	
0.300	-0.0059	0.0109	0.0792	-0.1095	-0.5747	*****	*****	*****	*****	
0.350	-0.0184	0.0070	0.0675	-0.0983	-0.6594	*****	*****	*****	*****	
0.400	-0.0232	0.0079	0.0604	-0.0858	-0.6713	*****	*****	*****	*****	
0.450	-0.0312	0.0023	0.0685	-0.0796	-0.6402	*****	*****	*****	*****	
0.500	-0.0355	0.0047	0.0433	-0.0726	-0.5940	*****	*****	*****	*****	
0.525	*****	-0.0010	0.0414	-0.0716	-0.6012	*****	*****	*****	*****	
0.550	-0.0414	-0.0079	0.0373	-0.0693	-0.5899	*****	*****	*****	*****	
0.575	*****	-0.0092	0.0431	-0.0683	-0.6011	*****	*****	*****	*****	
0.600	-0.0420	-0.0115	0.0282	-0.0681	-0.6067	*****	*****	*****	*****	
0.625	*****	*****	0.0295	-0.0651	-0.6277	*****	*****	*****	*****	
0.650	-0.0408	-0.0175	0.0244	-0.0629	-0.6698	*****	*****	*****	*****	
0.675	*****	-0.0258	0.0155	-0.0678	-0.6886	*****	*****	*****	*****	
0.700	-0.0334	-0.0317	0.0133	-0.0650	-0.7155	*****	*****	*****	*****	
0.725	*****	-0.0387	*****	-0.0656	-0.7316	*****	*****	*****	*****	
0.750	-0.0223	-0.0458	*****	-0.0630	-0.7352	*****	*****	*****	*****	
0.775	*****	-0.0517	-0.0096	-0.0719	-0.7280	*****	*****	*****	*****	
0.800	0.0001	-0.0520	-0.0205	-0.0795	*****	*****	*****	*****	*****	
0.825	*****	-0.0504	-0.0325	-0.0779	-0.7047	*****	*****	*****	*****	
0.850	0.0320	-0.0444	-0.0414	-0.0910	-0.6790	*****	*****	*****	*****	
0.875	*****	-0.0306	-0.0447	-0.1044	-0.7490	*****	*****	*****	*****	
0.900	0.0753	-0.0074	-0.0384	-0.1073	*****	*****	*****	*****	*****	
0.925	*****	0.0241	-0.0194	-0.0964	-0.9260	*****	*****	*****	*****	
0.950	0.1142	0.0539	0.0168	-0.0643	-0.3302	*****	*****	*****	*****	
0.975	*****	0.1004	0.0864	0.0021	-0.1698	*****	*****	*****	*****	
1.000	0.2347	0.2143	0.2158	0.1773	0.0839	*****	*****	*****	*****	
-0.200	-0.0191	0.0029	0.1027	*****	-0.5389	*****	*****	*****	*****	
-0.400	-0.0477	-0.0002	0.0457	-0.0996	-0.5677	*****	*****	*****	*****	
-0.600	-0.0732	-0.0208	0.0179	-0.0809	-0.6188	*****	*****	*****	*****	
-0.700	*****	-0.0568	-0.0080	-0.0788	-0.6859	*****	*****	*****	*****	
-0.800	*****	*****	-0.0536	-0.0942	-0.7122	*****	*****	*****	*****	
-0.850	*****	-0.0819	-0.0786	-0.1249	-0.7219	*****	*****	*****	*****	
-0.900	-0.0081	-0.0521	-0.0855	-0.1529	-0.5795	*****	*****	*****	*****	
-0.950	0.0304	0.0215	-0.0302	-0.1151	-0.3684	*****	*****	*****	*****	
-0.975	*****	0.0621	0.0260	-0.0481	-0.2185	*****	*****	*****	*****	
-1.000	0.2204	0.2080	0.1912	0.1641	0.0881	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 52, Point No. = 1116
 $C_N = -0.014$, $C_m = -0.0002$
 $\alpha = -0.5^\circ$, $M_\infty = 0.849$
 $R_{mac} = 60.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2451	*****
0.20	0.2347	0.2204
0.30	0.2233	*****
0.40	0.2143	0.2080
0.50	0.2173	*****
0.60	0.2158	0.1912
0.70	0.1913	*****
0.80	0.1773	0.1641
0.90	0.1286	*****
0.95	0.0839	0.0881

Surface Pressures

● upper, starboard
 ○ lower, port

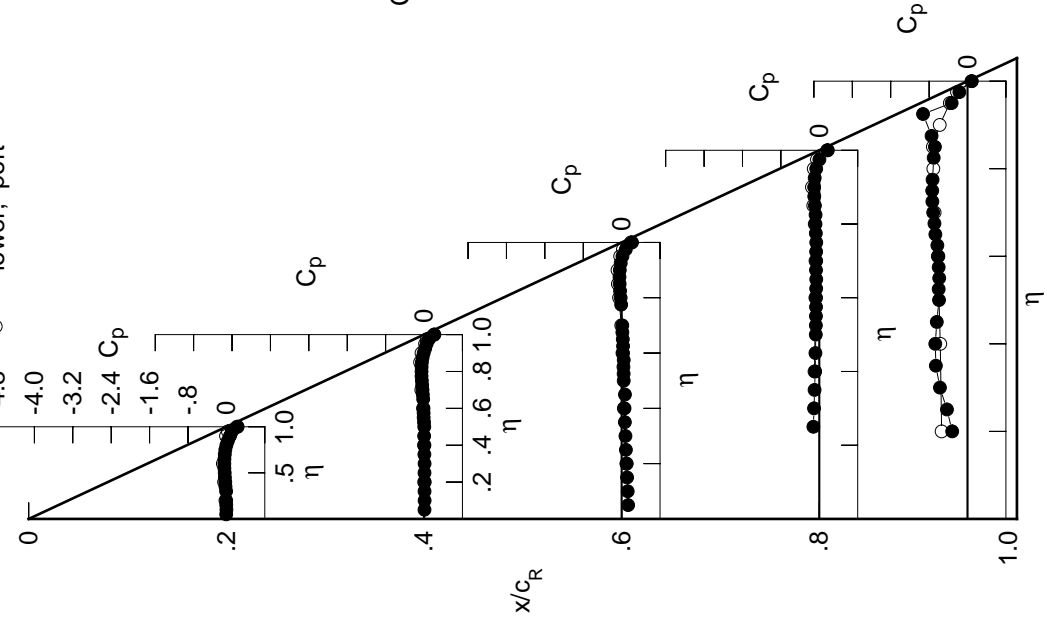


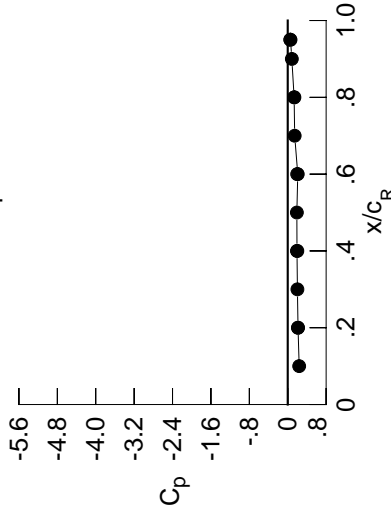
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0252	-0.0090	0.1213	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0211	-0.0093	0.1129	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0235	-0.0089	0.0990	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0263	-0.0049	0.0871	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0106	0.0736	-0.1387	-0.4101	*****	*****	*****	*****	*****
0.300	-0.0287	-0.0102	0.0631	-0.1246	-0.6704	*****	*****	*****	*****	*****
0.350	-0.0420	-0.0135	0.0518	-0.1139	-0.6711	*****	*****	*****	*****	*****
0.400	-0.0487	-0.0143	0.0442	-0.1003	-0.6850	*****	*****	*****	*****	*****
0.450	-0.0591	-0.0198	0.0510	-0.0954	-0.6503	*****	*****	*****	*****	*****
0.500	-0.0649	-0.0190	0.0249	-0.0894	-0.5921	*****	*****	*****	*****	*****
0.525	*****	-0.0247	0.0223	-0.0886	-0.5958	*****	*****	*****	*****	*****
0.550	-0.0722	-0.0331	0.0181	-0.0858	-0.5771	*****	*****	*****	*****	*****
0.575	*****	-0.0350	0.0223	-0.0857	-0.5812	*****	*****	*****	*****	*****
0.600	-0.0759	-0.0389	0.0072	-0.0870	-0.5735	*****	*****	*****	*****	*****
0.625	*****	*****	0.0082	-0.0831	-0.5868	*****	*****	*****	*****	*****
0.650	-0.0756	-0.0437	0.0014	-0.0824	-0.6273	*****	*****	*****	*****	*****
0.675	*****	-0.0545	-0.0084	-0.0868	-0.6460	*****	*****	*****	*****	*****
0.700	-0.0703	-0.0632	-0.0108	-0.0866	-0.6763	*****	*****	*****	*****	*****
0.725	*****	-0.0720	*****	-0.0873	-0.7056	*****	*****	*****	*****	*****
0.750	-0.0606	-0.0818	*****	-0.0867	-0.7293	*****	*****	*****	*****	*****
0.775	*****	-0.0902	-0.0391	-0.0967	-0.7367	*****	*****	*****	*****	*****
0.800	-0.0394	-0.0936	-0.0530	-0.1079	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0954	-0.0702	-0.1077	-0.7117	*****	*****	*****	*****	*****
0.850	-0.0117	-0.0929	-0.0840	-0.1266	-0.6845	*****	*****	*****	*****	*****
0.875	*****	-0.0823	-0.0930	-0.1457	-0.6702	*****	*****	*****	*****	*****
0.900	0.0307	-0.0611	-0.0916	-0.1573	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0315	-0.0778	-0.1532	-0.9346	*****	*****	*****	*****	*****
0.950	0.0677	-0.0047	-0.0472	-0.1285	-0.3677	*****	*****	*****	*****	*****
0.975	*****	0.0405	0.0207	-0.0686	-0.2236	*****	*****	*****	*****	*****
1.000	0.2145	0.1928	0.2089	0.1332	0.0574	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0004	0.0195	0.1172	*****	-0.5907	*****	*****	*****	*****	*****
-0.400	-0.0264	0.0193	0.0599	-0.0883	-0.6065	*****	*****	*****	*****	*****
-0.600	-0.0445	0.0023	0.0354	-0.0650	-0.6360	*****	*****	*****	*****	*****
-0.700	*****	-0.0282	0.0150	-0.0611	-0.6724	*****	*****	*****	*****	*****
-0.800	*****	*****	-0.0218	-0.0670	-0.7017	*****	*****	*****	*****	*****
-0.850	*****	-0.0368	-0.0385	-0.0931	-0.7147	*****	*****	*****	*****	*****
-0.900	0.0311	-0.0017	-0.0347	-0.1070	-0.6823	*****	*****	*****	*****	*****
-0.950	0.0707	0.0470	0.0290	-0.0553	-0.3340	*****	*****	*****	*****	*****
-0.975	*****	0.1183	0.0888	0.0170	-0.1703	*****	*****	*****	*****	*****
-1.000	0.2129	0.2000	0.1963	0.1396	0.0517	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 52, Point No. = 1117
 $C_N = 0.028$, $C_m = -0.0079$
 $\alpha = 0.6^\circ$, $M_\infty = 0.850$
 $R_{mac} = 60.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2385	*****
0.20	0.2145	0.2129
0.30	0.2017	*****
0.40	0.1928	0.2000
0.50	0.1900	*****
0.60	0.2089	0.1963
0.70	0.1449	*****
0.80	0.1332	0.1396
0.90	0.0854	*****
0.95	0.0574	0.0517

Surface Pressures

● upper, starboard
 ○ lower, port

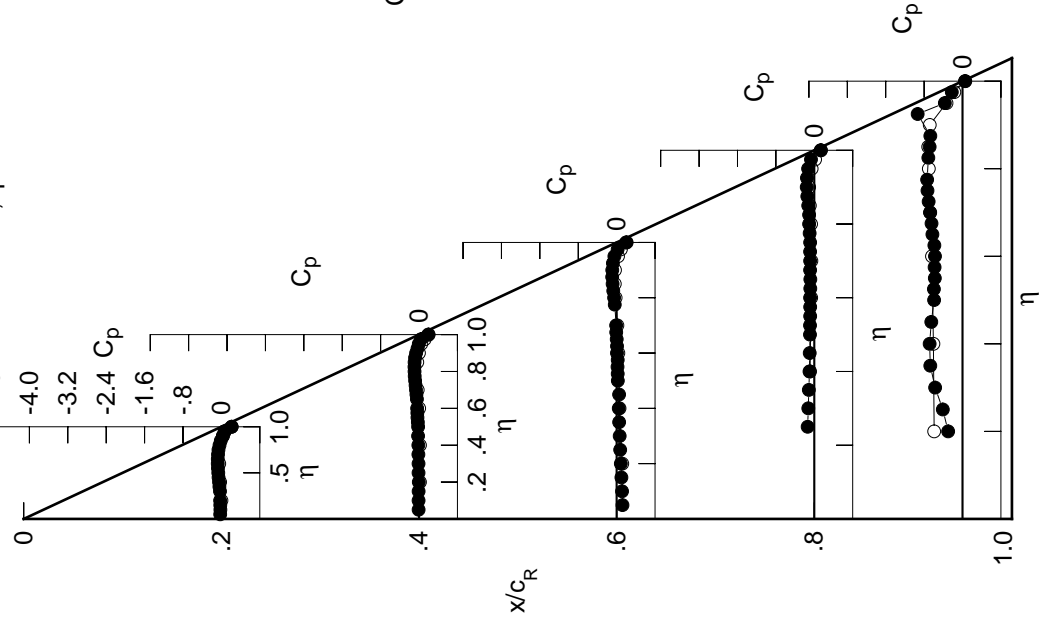
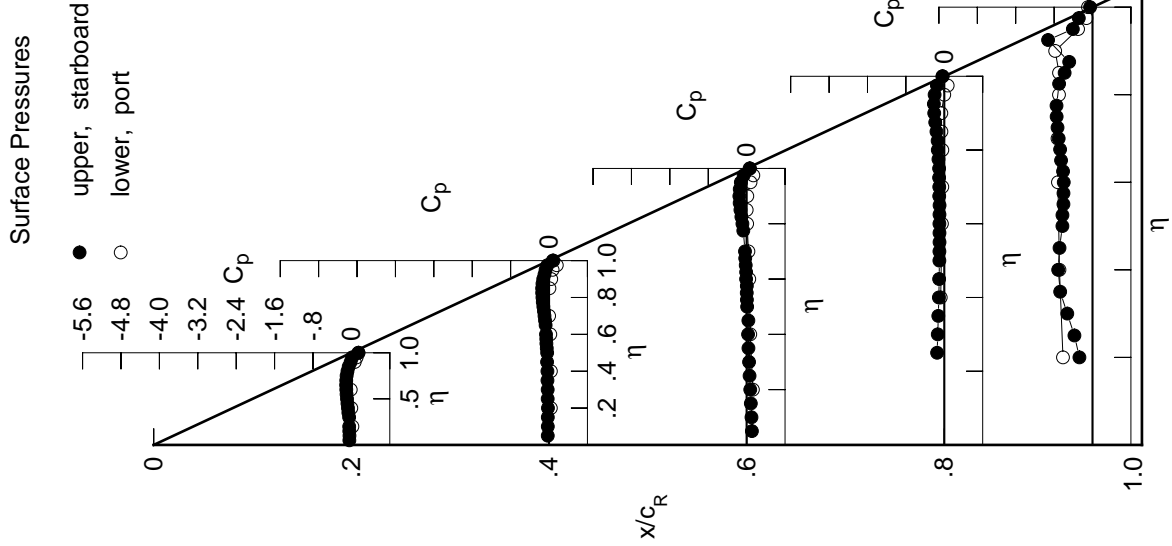


Table C5. Continued.

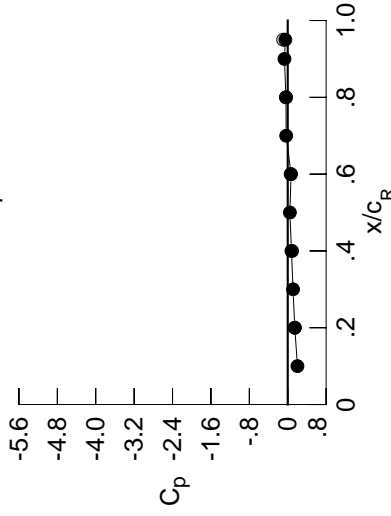
η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0425	-0.0265	0.1096	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0397	-0.0259	0.1007	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0440	-0.0259	0.0871	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0453	-0.0226	0.0755	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0278	0.0611	-0.1496	-0.3765	*****	*****	*****	*****	*****
0.300	-0.0472	-0.0281	0.0507	-0.1358	-0.5257	*****	*****	*****	*****	*****
0.350	-0.0630	-0.0328	0.0378	-0.1249	-0.6734	*****	*****	*****	*****	*****
0.400	-0.0715	-0.0337	0.0298	-0.1132	-0.7151	*****	*****	*****	*****	*****
0.450	-0.0828	-0.0405	0.0363	-0.1068	-0.6870	*****	*****	*****	*****	*****
0.500	-0.0909	-0.0395	0.0101	-0.1026	-0.6276	*****	*****	*****	*****	*****
0.525	*****	-0.0468	0.0059	-0.1015	-0.6262	*****	*****	*****	*****	*****
0.550	-0.1007	-0.0553	0.0022	-0.0991	-0.6057	*****	*****	*****	*****	*****
0.575	*****	-0.0577	0.0044	-0.1002	-0.6047	*****	*****	*****	*****	*****
0.600	-0.1065	-0.0628	-0.0110	-0.1016	-0.5988	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0105	-0.0996	-0.6138	*****	*****	*****	*****	*****
0.650	-0.1095	-0.0716	-0.0193	-0.0985	-0.6553	*****	*****	*****	*****	*****
0.675	*****	-0.0829	-0.0293	-0.1056	-0.6748	*****	*****	*****	*****	*****
0.700	-0.1071	-0.0943	-0.0341	-0.1047	-0.7045	*****	*****	*****	*****	*****
0.725	*****	-0.1054	*****	-0.1079	-0.7291	*****	*****	*****	*****	*****
0.750	-0.1002	-0.1186	*****	-0.1083	-0.7474	*****	*****	*****	*****	*****
0.775	*****	-0.1303	-0.0694	-0.1216	-0.7493	*****	*****	*****	*****	*****
0.800	-0.0816	-0.1377	-0.0878	-0.1351	*****	*****	*****	*****	*****	*****
0.825	*****	-0.1431	-0.1100	-0.1384	-0.6961	*****	*****	*****	*****	*****
0.850	-0.0561	-0.1438	-0.1297	-0.1630	-0.5808	*****	*****	*****	*****	*****
0.875	*****	-0.1370	-0.1452	-0.1890	-0.4853	*****	*****	*****	*****	*****
0.900	-0.0162	-0.1207	-0.1517	-0.2093	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0945	-0.1439	-0.2167	-0.9260	*****	*****	*****	*****	*****
0.950	0.0156	-0.0720	-0.1207	-0.2012	-0.4094	*****	*****	*****	*****	*****
0.975	*****	-0.0340	-0.0627	-0.1532	-0.2858	*****	*****	*****	*****	*****
1.000	0.1470	0.0777	0.0693	-0.0377	-0.0502	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0208	0.0380	0.1302	*****	*****	*****	*****	*****	*****	*****
-0.600	-0.0018	0.0382	0.0751	-0.0744	-0.6888	*****	*****	*****	*****	*****
-0.700	-0.0139	0.0265	0.0545	-0.0493	-0.7198	*****	*****	*****	*****	*****
-0.800	*****	0.0019	0.0371	-0.0419	-0.7289	*****	*****	*****	*****	*****
-0.850	*****	*****	0.0101	-0.0410	-0.6984	*****	*****	*****	*****	*****
-0.900	*****	0.0078	0.0006	-0.0604	-0.6974	*****	*****	*****	*****	*****
-0.950	0.0695	0.0458	0.0134	-0.0618	-0.7777	*****	*****	*****	*****	*****
-0.975	0.1093	0.0744	0.0805	-0.0009	-0.3009	*****	*****	*****	*****	*****
-1.000	0.1472	0.0906	0.0608	-0.0354	-0.0942	*****	*****	*****	*****	*****



Small Radius L.E.
 Run No. = 52, Point No. = 1118
 $C_N = 0.071$, $C_m = -0.0150$
 $\alpha = 1.7^\circ$, $M_\infty = 0.850$
 $R_{mac} = 60.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2027	*****
0.20	0.1470	0.1472
0.30	0.1101	*****
0.40	0.0777	0.0906
0.50	0.0452	*****
0.60	0.0693	0.0608
0.70	-0.0324	*****
0.80	-0.0377	-0.0354
0.90	-0.0684	*****
0.95	-0.0502	-0.0942

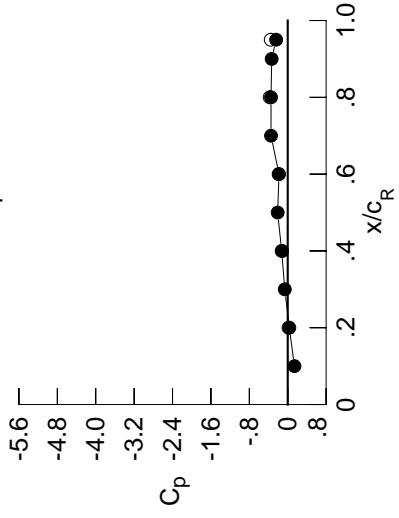
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0630	-0.0439	0.0964	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0596	-0.0438	0.0876	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0637	-0.0438	0.0744	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0657	-0.0407	0.0613	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0466	0.0475	-0.1634	-0.3539	*****	*****	*****	*****	*****
0.300	-0.0680	-0.0470	0.0358	-0.1488	-0.4723	*****	*****	*****	*****	*****
0.350	-0.0850	-0.0526	0.0228	-0.1383	-0.5931	*****	*****	*****	*****	*****
0.400	-0.0951	-0.0544	0.0142	-0.1271	-0.6476	*****	*****	*****	*****	*****
0.450	-0.1081	-0.0620	0.0190	-0.1221	-0.6314	*****	*****	*****	*****	*****
0.500	-0.1178	-0.0619	-0.0083	-0.1175	-0.5779	*****	*****	*****	*****	*****
0.525	*****	-0.0690	-0.0115	-0.1168	-0.5840	*****	*****	*****	*****	*****
0.550	-0.1299	-0.0792	-0.0173	-0.1163	-0.5645	*****	*****	*****	*****	*****
0.575	*****	-0.0827	-0.0149	-0.1170	-0.5674	*****	*****	*****	*****	*****
0.600	-0.1382	-0.0889	-0.0315	-0.1187	-0.5610	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0322	-0.1181	-0.5811	*****	*****	*****	*****	*****
0.650	-0.1434	-0.0994	-0.0418	-0.1190	-0.6314	*****	*****	*****	*****	*****
0.675	*****	-0.1133	-0.0530	-0.1254	-0.6620	*****	*****	*****	*****	*****
0.700	-0.1443	-0.1259	-0.0590	-0.1266	-0.7038	*****	*****	*****	*****	*****
0.725	*****	-0.1414	*****	-0.1311	-0.7367	*****	*****	*****	*****	*****
0.750	-0.1397	-0.1561	*****	-0.1334	-0.7582	*****	*****	*****	*****	*****
0.775	*****	-0.1715	-0.1014	-0.1489	-0.7565	*****	*****	*****	*****	*****
0.800	-0.1249	-0.1831	-0.1238	-0.1657	*****	*****	*****	*****	*****	*****
0.825	*****	-0.1928	-0.1512	-0.1699	-0.6316	*****	*****	*****	*****	*****
0.850	-0.1033	-0.1988	-0.1776	-0.2020	-0.4662	*****	*****	*****	*****	*****
0.875	*****	-0.1957	-0.2007	-0.2355	-0.4226	*****	*****	*****	*****	*****
0.900	-0.0671	-0.1838	-0.2145	-0.2662	*****	*****	*****	*****	*****	*****
0.925	*****	-0.1635	-0.2163	-0.2849	-0.7940	*****	*****	*****	*****	*****
0.950	-0.0423	-0.1475	-0.2025	-0.2819	-0.4586	*****	*****	*****	*****	*****
0.975	*****	-0.1211	-0.1589	-0.2502	-0.3569	*****	*****	*****	*****	*****
1.000	0.0334	-0.1267	-0.1815	-0.3480	-0.2419	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0407	0.0546	0.1428	*****	-0.6267	*****	*****	*****	*****	*****
-0.600	0.0205	0.0564	0.0892	-0.0626	-0.6980	*****	*****	*****	*****	*****
-0.700	0.0146	0.0483	0.0716	-0.0356	-0.7280	*****	*****	*****	*****	*****
-0.800	*****	0.0286	0.0582	-0.0256	-0.7282	*****	*****	*****	*****	*****
-0.850	*****	*****	0.0376	-0.0188	-0.6825	*****	*****	*****	*****	*****
-0.900	*****	0.0459	0.0336	-0.0315	-0.6781	*****	*****	*****	*****	*****
-0.950	0.1033	0.0855	0.0543	-0.0243	-0.7447	*****	*****	*****	*****	*****
-0.975	0.1410	0.0953	0.1215	0.0427	-0.2751	*****	*****	*****	*****	*****
-1.000	*****	0.1908	0.1741	0.1088	-0.0947	*****	*****	*****	*****	*****
	0.0156	-0.1166	-0.1892	-0.3762	-0.3547	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 52, Point No. = 1119
 $C_N = 0.113$, $C_m = -0.0224$
 $\alpha = 2.8^\circ$, $M_\infty = 0.849$
 $R_{mac} = 60.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1399	*****
0.20	0.0334	0.0156
0.30	-0.0615	*****
0.40	-0.1267	-0.1166
0.50	-0.2097	*****
0.60	-0.1815	-0.1892
0.70	-0.3484	*****
0.80	-0.3480	-0.3762
0.90	-0.3340	*****
0.95	-0.2419	-0.3547

Surface Pressures

● upper, starboard
 ○ lower, port

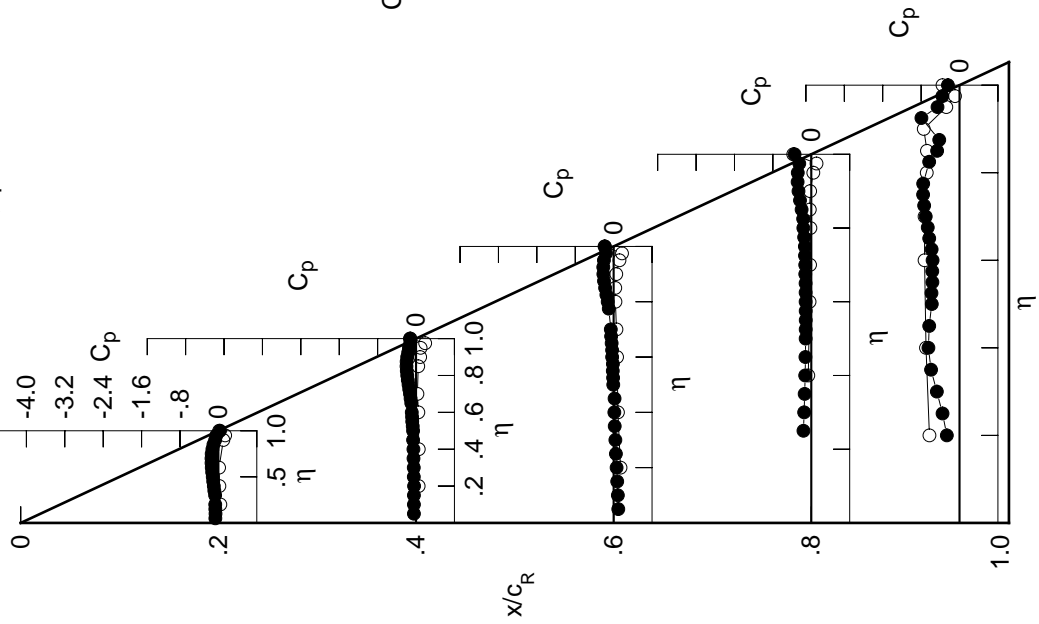


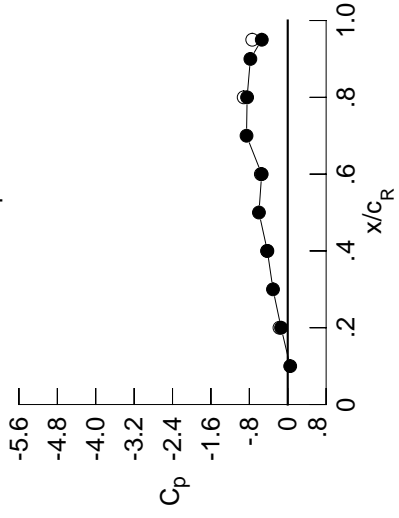
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0786	-0.0585	0.0867	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0759	-0.0590	0.0778	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0807	-0.0603	0.0642	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0832	-0.0558	0.0514	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0627	0.0365	-0.1729	-0.3347	*****	*****	*****	*****	*****
0.300	-0.0850	-0.0627	0.0250	-0.1598	-0.4454	*****	*****	*****	*****	*****
0.350	-0.1039	-0.0696	0.0111	-0.1491	-0.5897	*****	*****	*****	*****	*****
0.400	-0.1156	-0.0716	0.0021	-0.1378	-0.6980	*****	*****	*****	*****	*****
0.450	-0.1303	-0.0800	0.0065	-0.1331	-0.7040	*****	*****	*****	*****	*****
0.500	-0.1426	-0.0811	-0.0225	-0.1303	-0.6555	*****	*****	*****	*****	*****
0.525	*****	-0.0885	-0.0273	-0.1301	-0.6504	*****	*****	*****	*****	*****
0.550	-0.1574	-0.1003	-0.0328	-0.1293	-0.6210	*****	*****	*****	*****	*****
0.575	*****	-0.1048	-0.0317	-0.1309	-0.6151	*****	*****	*****	*****	*****
0.600	-0.1682	-0.1118	-0.0492	-0.1327	-0.6073	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0502	-0.1333	-0.6242	*****	*****	*****	*****	*****
0.650	-0.1770	-0.1248	-0.0614	-0.1340	-0.6673	*****	*****	*****	*****	*****
0.675	*****	-0.1410	-0.0740	-0.1427	-0.6941	*****	*****	*****	*****	*****
0.700	-0.1804	-0.1564	-0.0811	-0.1447	-0.7306	*****	*****	*****	*****	*****
0.725	*****	-0.1743	*****	-0.1513	-0.7557	*****	*****	*****	*****	*****
0.750	-0.1795	-0.1930	*****	-0.1551	-0.7699	*****	*****	*****	*****	*****
0.775	*****	-0.2122	-0.1318	-0.1740	-0.7423	*****	*****	*****	*****	*****
0.800	-0.1690	-0.2276	-0.1581	-0.1941	*****	*****	*****	*****	*****	*****
0.825	*****	-0.2427	-0.1910	-0.2018	-0.5501	*****	*****	*****	*****	*****
0.850	-0.1517	-0.2539	-0.2247	-0.2389	-0.3940	*****	*****	*****	*****	*****
0.875	*****	-0.2560	-0.2567	-0.2817	-0.3849	*****	*****	*****	*****	*****
0.900	-0.1209	-0.2502	-0.2804	-0.3240	*****	*****	*****	*****	*****	*****
0.925	*****	-0.2367	-0.2922	-0.3557	-0.6119	*****	*****	*****	*****	*****
0.950	-0.1060	-0.2295	-0.2907	-0.3688	-0.5131	*****	*****	*****	*****	*****
0.975	*****	-0.2194	-0.2667	-0.3593	-0.4430	*****	*****	*****	*****	*****
1.000	-0.1383	-0.4240	-0.5428	-0.8462	-0.5405	*****	*****	*****	*****	*****
-0.200	0.0636	0.0742	0.1589	*****	-0.6288	*****	*****	*****	*****	*****
-0.400	0.0461	0.0778	0.1062	-0.0482	-0.7362	*****	*****	*****	*****	*****
-0.600	0.0441	0.0731	0.0908	-0.0172	-0.7405	*****	*****	*****	*****	*****
-0.700	*****	0.0574	0.0815	-0.0067	-0.7174	*****	*****	*****	*****	*****
-0.800	*****	*****	0.0671	0.0061	-0.6661	*****	*****	*****	*****	*****
-0.850	*****	0.0837	0.0679	-0.0018	-0.6568	*****	*****	*****	*****	*****
-0.900	0.1364	0.1232	0.0934	0.0128	-0.7063	*****	*****	*****	*****	*****
-0.950	0.1719	0.1151	0.1568	0.0814	-0.2498	*****	*****	*****	*****	*****
-0.975	*****	0.2108	0.1997	0.1389	-0.0679	*****	*****	*****	*****	*****
-1.000	-0.1719	-0.4302	-0.5597	-0.9173	-0.7389	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 52, Point No. = 1120
 $C_N = 0.153$, $C_m = -0.0286$
 $\alpha = 3.8^\circ$, $M_\infty = 0.849$
 $R_{mac} = 60.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.0510	*****
0.20	-0.1383	-0.1719
0.30	-0.3070	*****
0.40	-0.4240	-0.4302
0.50	-0.5998	*****
0.60	-0.5428	-0.5597
0.70	-0.8586	*****
0.80	-0.8462	-0.9173
0.90	-0.7782	*****
0.95	-0.5405	-0.7389

Surface Pressures

● upper, starboard
 ○ lower, port

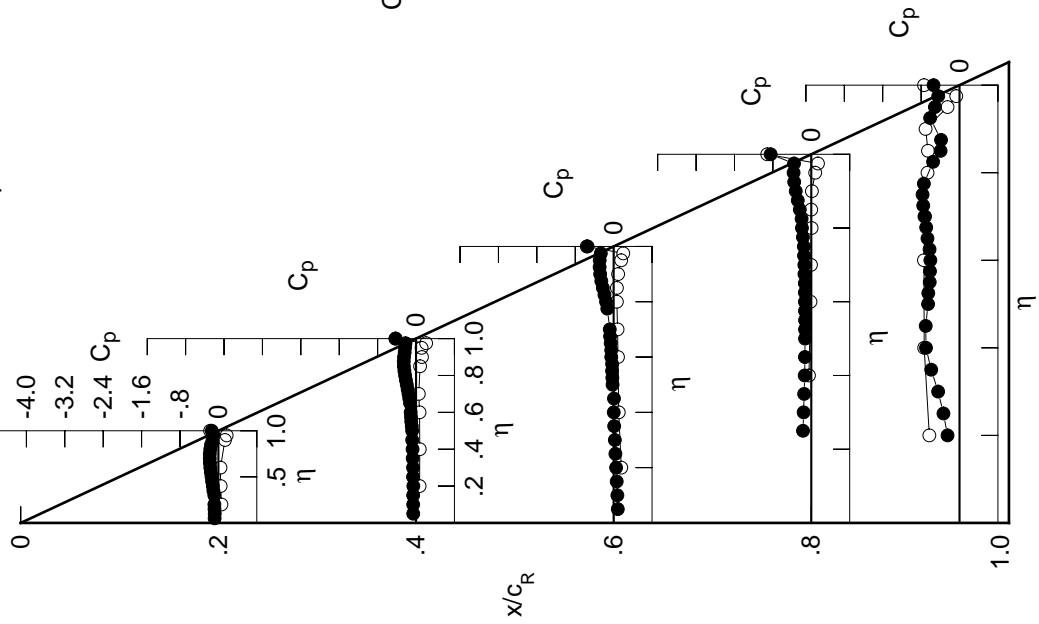


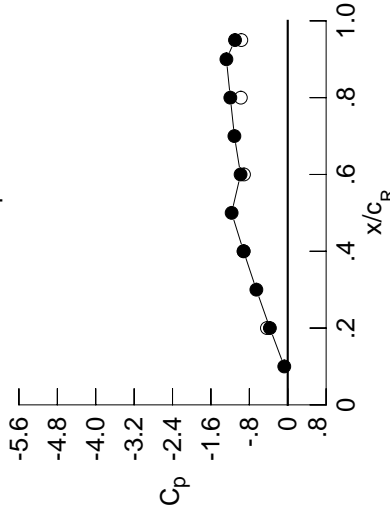
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0977	-0.0759	0.0746	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0951	-0.0771	0.0663	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0999	-0.0779	0.0525	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1030	-0.0741	0.0387	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0816	0.0234	-0.1865	-0.3272	*****	*****	*****	*****	*****
0.300	-0.1053	-0.0817	0.0109	-0.1719	-0.4240	*****	*****	*****	*****	*****
0.350	-0.1253	-0.0896	-0.0023	-0.1624	-0.5510	*****	*****	*****	*****	*****
0.400	-0.1384	-0.0907	-0.0132	-0.1516	-0.6643	*****	*****	*****	*****	*****
0.450	-0.1549	-0.1018	-0.0087	-0.1472	-0.6792	*****	*****	*****	*****	*****
0.500	-0.1690	-0.1029	-0.0396	-0.1445	-0.6682	*****	*****	*****	*****	*****
0.525	*****	-0.1124	-0.0443	-0.1443	-0.6842	*****	*****	*****	*****	*****
0.550	-0.1858	-0.1237	-0.0512	-0.1453	-0.6644	*****	*****	*****	*****	*****
0.575	*****	-0.1299	-0.0510	-0.1458	-0.6556	*****	*****	*****	*****	*****
0.600	-0.2006	-0.1375	-0.0695	-0.1507	-0.6449	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0709	-0.1513	-0.6635	*****	*****	*****	*****	*****
0.650	-0.2120	-0.1538	-0.0843	-0.1534	-0.6971	*****	*****	*****	*****	*****
0.675	*****	-0.1723	-0.0975	-0.1653	-0.6905	*****	*****	*****	*****	*****
0.700	-0.2200	-0.1899	-0.1070	-0.1691	-0.7053	*****	*****	*****	*****	*****
0.725	*****	-0.2109	*****	-0.1779	-0.7155	*****	*****	*****	*****	*****
0.750	-0.2236	-0.2326	*****	-0.1846	-0.7130	*****	*****	*****	*****	*****
0.775	*****	-0.2559	-0.1665	-0.2079	-0.6557	*****	*****	*****	*****	*****
0.800	-0.2168	-0.2770	-0.1970	-0.2289	*****	*****	*****	*****	*****	*****
0.825	*****	-0.2965	-0.2364	-0.2409	-0.5094	*****	*****	*****	*****	*****
0.850	-0.2035	-0.3136	-0.2743	-0.2788	-0.3894	*****	*****	*****	*****	*****
0.875	*****	-0.3222	-0.3159	-0.3255	-0.3820	*****	*****	*****	*****	*****
0.900	-0.1799	-0.3242	-0.3512	-0.3795	*****	*****	*****	*****	*****	*****
0.925	*****	-0.3187	-0.3757	-0.4265	-0.5425	*****	*****	*****	*****	*****
0.950	-0.1779	-0.3217	-0.3885	-0.4585	-0.5810	*****	*****	*****	*****	*****
0.975	*****	-0.3323	-0.3952	-0.4758	-0.5404	*****	*****	*****	*****	*****
1.000	-0.3720	-0.9199	-0.9821	-1.1960	-1.0983	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0845	0.0930	0.1726	*****	-0.6230	*****	*****	*****	*****	*****
-0.600	0.0690	0.0967	0.1219	-0.0344	-0.7384	*****	*****	*****	*****	*****
-0.700	0.0723	0.0955	0.1087	-0.0032	-0.7333	*****	*****	*****	*****	*****
-0.800	*****	0.0837	0.1025	0.0097	-0.7078	*****	*****	*****	*****	*****
-0.850	*****	*****	0.0927	0.0275	-0.6526	*****	*****	*****	*****	*****
-0.900	*****	0.1170	0.0975	0.0228	-0.6405	*****	*****	*****	*****	*****
-0.950	0.1653	0.1550	0.1258	0.0430	-0.6769	*****	*****	*****	*****	*****
-0.975	0.1972	0.1284	0.1830	0.1091	-0.2370	*****	*****	*****	*****	*****
-1.000	*****	0.2184	0.2116	0.1538	-0.0600	*****	*****	*****	*****	*****
-1.000	-0.4335	-0.9183	-0.9112	-0.9765	-0.9670	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 52, Point No. = 1121
 $C_N = 0.195$, $C_m = -0.0355$
 $\alpha = 4.8^\circ$, $M_\infty = 0.850$
 $R_{mac} = 60.3 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starboard C_p	port C_p
0.10	-0.0719	*****
0.20	-0.3720	-0.4335
0.30	-0.6537	*****
0.40	-0.9199	-0.9183
0.50	-1.1689	*****
0.60	-0.9821	-0.9112
0.70	-1.1110	*****
0.80	-1.1960	-0.9765
0.90	-1.2777	*****
0.95	-1.0983	-0.9670

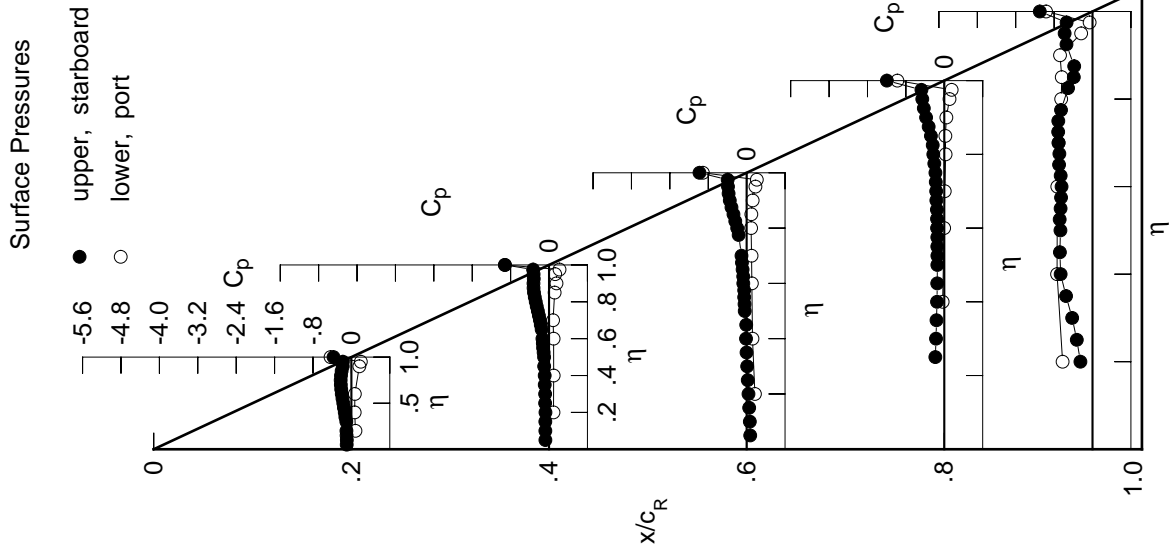


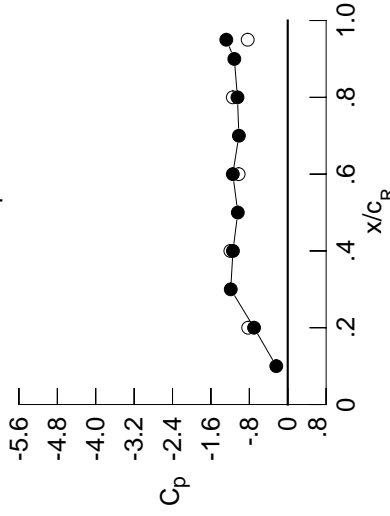
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1159	-0.0950	0.0610	0.0610	0.0610	0.0610	0.0610	0.0610	0.0610	0.0610
0.100	-0.1140	-0.0948	0.0517	0.0517	0.0517	0.0517	0.0517	0.0517	0.0517	0.0517
0.150	-0.1208	-0.0978	0.0383	0.0383	0.0383	0.0383	0.0383	0.0383	0.0383	0.0383
0.200	-0.1231	-0.0929	0.0237	0.0237	0.0237	0.0237	0.0237	0.0237	0.0237	0.0237
0.250	*****	-0.1015	0.0087	-0.2029	-0.3140	-0.3140	-0.3140	-0.3140	-0.3140	-0.3140
0.300	-0.1261	-0.1020	-0.0057	-0.1892	-0.4013	-0.4013	-0.4013	-0.4013	-0.4013	-0.4013
0.350	-0.1476	-0.1103	-0.0182	-0.1788	-0.5471	-0.5471	-0.5471	-0.5471	-0.5471	-0.5471
0.400	-0.1625	-0.1138	-0.0303	-0.1676	-0.7254	-0.7254	-0.7254	-0.7254	-0.7254	-0.7254
0.450	-0.1809	-0.1241	-0.0256	-0.1638	-0.7589	-0.7589	-0.7589	-0.7589	-0.7589	-0.7589
0.500	-0.1976	-0.1283	-0.0592	-0.1625	-0.7250	-0.7250	-0.7250	-0.7250	-0.7250	-0.7250
0.525	*****	-0.1369	-0.0645	-0.1641	-0.7085	-0.7085	-0.7085	-0.7085	-0.7085	-0.7085
0.550	-0.2174	-0.1521	-0.0737	-0.1685	-0.6653	-0.6653	-0.6653	-0.6653	-0.6653	-0.6653
0.575	*****	-0.1572	-0.0763	-0.1718	-0.6555	-0.6555	-0.6555	-0.6555	-0.6555	-0.6555
0.600	-0.2350	-0.1676	-0.0991	-0.1810	-0.6411	-0.6411	-0.6411	-0.6411	-0.6411	-0.6411
0.625	*****	*****	-0.1023	-0.1794	-0.6292	-0.6292	-0.6292	-0.6292	-0.6292	-0.6292
0.650	-0.2508	-0.1871	-0.1176	-0.1839	-0.6371	-0.6371	-0.6371	-0.6371	-0.6371	-0.6371
0.675	*****	-0.2090	-0.1342	-0.1954	-0.6260	-0.6260	-0.6260	-0.6260	-0.6260	-0.6260
0.700	-0.2630	-0.2275	-0.1423	-0.2084	-0.6323	-0.6323	-0.6323	-0.6323	-0.6323	-0.6323
0.725	*****	-0.2520	*****	-0.2133	-0.6497	-0.6497	-0.6497	-0.6497	-0.6497	-0.6497
0.750	-0.2710	-0.2772	*****	-0.2143	-0.6805	-0.6805	-0.6805	-0.6805	-0.6805	-0.6805
0.775	*****	-0.3032	-0.2038	-0.2412	-0.6981	-0.6981	-0.6981	-0.6981	-0.6981	-0.6981
0.800	-0.2697	-0.3299	-0.2393	-0.2683	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3547	-0.2708	-0.2752	-0.6811	-0.6811	-0.6811	-0.6811	-0.6811	-0.6811
0.850	-0.2637	-0.3765	-0.3119	-0.3133	-0.6067	-0.6067	-0.6067	-0.6067	-0.6067	-0.6067
0.875	*****	-0.3922	-0.3650	-0.3655	-0.5631	-0.5631	-0.5631	-0.5631	-0.5631	-0.5631
0.900	-0.2486	-0.4017	-0.4052	-0.4251	*****	*****	*****	*****	*****	*****
0.925	*****	-0.4059	-0.4583	-0.4891	-0.9632	-0.9632	-0.9632	-0.9632	-0.9632	-0.9632
0.950	-0.2630	-0.4231	-0.4578	-0.5222	-0.6512	-0.6512	-0.6512	-0.6512	-0.6512	-0.6512
0.975	*****	-0.4563	-0.6277	-0.6660	-0.6769	-0.6769	-0.6769	-0.6769	-0.6769	-0.6769
1.000	-0.7015	-1.1413	-1.1443	-1.0472	-1.2797	-1.2797	-1.2797	-1.2797	-1.2797	-1.2797
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1083	0.1142	0.1889	0.1889	0.1889	0.1889	0.1889	0.1889	0.1889	0.1889
-0.600	0.0945	0.1191	0.1398	-0.0195	-0.7287	-0.7287	-0.7287	-0.7287	-0.7287	-0.7287
-0.700	0.1013	0.1202	0.1273	0.0143	-0.7167	-0.7167	-0.7167	-0.7167	-0.7167	-0.7167
-0.800	*****	0.1109	0.1235	0.0296	-0.6921	-0.6921	-0.6921	-0.6921	-0.6921	-0.6921
-0.850	*****	*****	0.1185	0.0474	-0.6316	-0.6316	-0.6316	-0.6316	-0.6316	-0.6316
-0.900	0.1926	0.1850	0.1553	0.0478	-0.6154	-0.6154	-0.6154	-0.6154	-0.6154	-0.6154
-0.950	0.2202	0.1381	0.2017	0.1307	-0.6359	-0.6359	-0.6359	-0.6359	-0.6359	-0.6359
-0.975	*****	0.2177	0.2125	0.1599	-0.0445	-0.0445	-0.0445	-0.0445	-0.0445	-0.0445
-1.000	-0.8237	-1.1952	-1.0222	-1.1448	-0.8342	-0.8342	-0.8342	-0.8342	-0.8342	-0.8342

Small Radius L.E.
 Run No. = 52, Point No. = 1122
 $C_N = 0.247$, $C_m = -0.0464$
 $\alpha = 5.9^\circ$, $M_\infty = 0.850$
 $R_{mac} = 60.3 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.2385	*****
0.20	-0.7015	-0.8237
0.30	-1.1875	*****
0.40	-1.1413	-1.1952
0.50	-1.0399	*****
0.60	-1.1443	-1.0222
0.70	-1.0179	*****
0.80	-1.0472	-1.1448
0.90	-1.1127	*****
0.95	-1.2797	-0.8342

Surface Pressures

● upper, starboard
 ○ lower, port

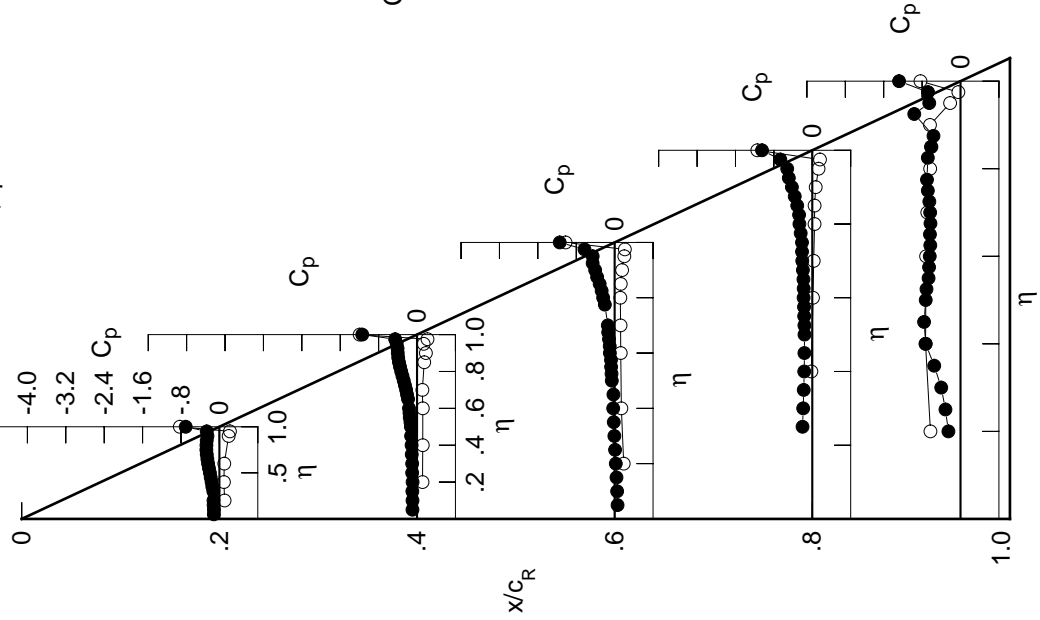


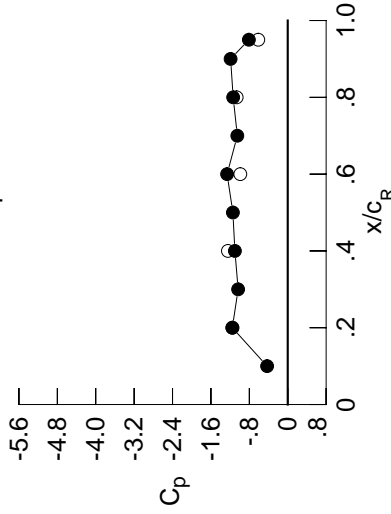
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1321	-0.1107	0.0485	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1307	-0.1119	0.0388	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1375	-0.1135	0.0244	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1413	-0.1118	0.0110	*****	*****	*****	*****	*****	*****	-0.2469
0.250	*****	-0.1182	-0.0048	-0.2159	-0.2915	*****	*****	*****	*****	*****
0.300	-0.1442	-0.1209	-0.0177	-0.2014	-0.3895	*****	*****	*****	*****	*****
0.350	-0.1668	-0.1280	-0.0321	-0.1903	-0.5729	*****	*****	*****	*****	*****
0.400	-0.1834	-0.1331	-0.0453	-0.1812	-0.7515	*****	*****	*****	*****	*****
0.450	-0.2033	-0.1450	-0.0458	-0.1817	-0.7672	*****	*****	*****	*****	*****
0.500	-0.2219	-0.1510	-0.0825	-0.1867	-0.7350	*****	*****	*****	*****	*****
0.525	*****	-0.1621	-0.0918	-0.1879	-0.7398	*****	*****	*****	*****	*****
0.550	-0.2446	-0.1797	-0.1006	-0.1899	-0.7230	*****	*****	*****	*****	*****
0.575	*****	-0.1867	-0.1051	-0.1964	-0.7123	*****	*****	*****	*****	*****
0.600	-0.2653	-0.1973	-0.1299	-0.2043	-0.6741	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1348	-0.2083	-0.6340	*****	*****	*****	*****	*****
0.650	-0.2855	-0.2203	-0.1515	-0.2125	-0.6198	*****	*****	*****	*****	*****
0.675	*****	-0.2410	-0.1623	-0.2324	-0.5982	*****	*****	*****	*****	*****
0.700	-0.3016	-0.2614	-0.1679	-0.2434	-0.5974	*****	*****	*****	*****	*****
0.725	*****	-0.2843	*****	-0.2492	-0.6342	*****	*****	*****	*****	*****
0.750	-0.3157	-0.3103	*****	-0.2446	-0.6656	*****	*****	*****	*****	*****
0.775	*****	-0.3383	-0.2474	-0.2614	-0.6628	*****	*****	*****	*****	*****
0.800	-0.3192	-0.3716	-0.2980	-0.3038	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3944	-0.3165	-0.2999	-0.7347	*****	*****	*****	*****	*****
0.850	-0.3198	-0.4199	-0.3357	-0.3213	-0.7684	*****	*****	*****	*****	*****
0.875	*****	-0.4406	-0.3905	-0.3763	-0.8627	*****	*****	*****	*****	*****
0.900	-0.3134	-0.4502	-0.4421	-0.5059	*****	*****	*****	*****	*****	*****
0.925	*****	-0.4681	-0.5499	-0.6741	-1.0074	*****	*****	*****	*****	*****
0.950	-0.3463	-0.5815	-0.4883	-0.5959	-0.6597	*****	*****	*****	*****	*****
0.975	*****	-0.7730	-0.9902	-1.0259	-0.7189	*****	*****	*****	*****	*****
1.000	-1.1542	-1.1004	-1.2634	-1.1367	-0.8098	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1316	0.1338	0.2050	*****	-0.6380	*****	*****	*****	*****	*****
-0.600	0.1210	0.1401	0.1550	-0.0028	-0.7244	*****	*****	*****	*****	*****
-0.700	0.1310	0.1428	0.1471	0.0293	-0.7055	*****	*****	*****	*****	*****
-0.800	*****	0.1387	0.1442	0.0460	-0.6773	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1430	0.0674	-0.6142	*****	*****	*****	*****	*****
-0.900	*****	0.1789	0.1532	0.0706	-0.5936	*****	*****	*****	*****	*****
-0.950	0.2192	0.2102	0.1807	0.0967	-0.5995	*****	*****	*****	*****	*****
-0.975	0.2408	0.1441	0.2176	0.1512	-0.1950	*****	*****	*****	*****	*****
-1.000	*****	0.2109	0.2133	0.1664	-0.0271	*****	*****	*****	*****	*****
-1.000	-1.1516	-1.2462	-0.9883	-1.0640	-0.6133	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 52, Point No. = 1123
 $C_N = 0.296$, $C_m = -0.0562$
 $\alpha = 6.9^\circ$, $M_\infty = 0.849$
 $R_{mac} = 60.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.4296	*****
0.20	-1.1542	-1.1516
0.30	-1.0333	*****
0.40	-1.1004	-1.2462
0.50	-1.1426	*****
0.60	-1.2634	-0.9883
0.70	-1.0501	*****
0.80	-1.1367	-1.0640
0.90	-1.1901	*****
0.95	-0.8098	-0.6133

Surface Pressures

● upper, starboard
 ○ lower, port

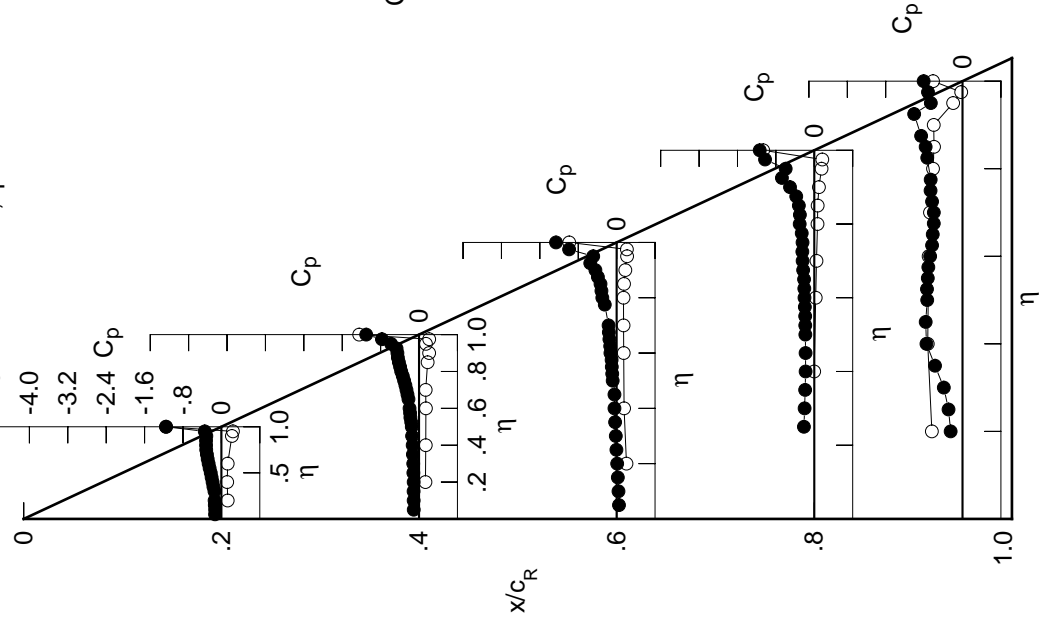


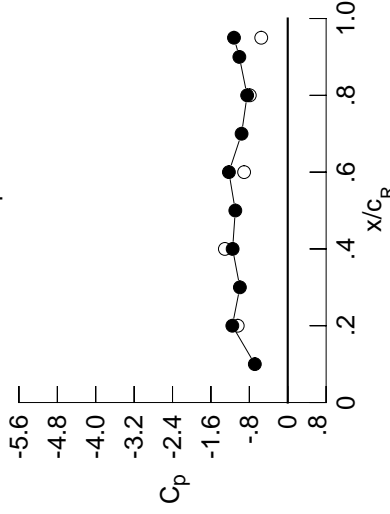
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1525	-0.1329	0.0283	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1541	-0.1362	0.0187	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1607	-0.1373	0.0052	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1661	-0.1342	-0.0082	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1424	-0.0223	-0.2419	-0.2691	*****	*****	*****	*****	*****
0.300	-0.1689	-0.1445	-0.0390	-0.2274	-0.3939	*****	*****	*****	*****	*****
0.350	-0.1918	-0.1527	-0.0600	-0.2206	-0.5001	*****	*****	*****	*****	*****
0.400	-0.2102	-0.1623	-0.0756	-0.2106	-0.6253	*****	*****	*****	*****	*****
0.450	-0.2331	-0.1811	-0.0768	-0.2117	-0.6681	*****	*****	*****	*****	*****
0.500	-0.2542	-0.1874	-0.1084	-0.2240	-0.5927	*****	*****	*****	*****	*****
0.525	*****	-0.1969	-0.1193	-0.2293	-0.5792	*****	*****	*****	*****	*****
0.550	-0.2792	-0.2135	-0.1284	-0.2288	-0.5387	*****	*****	*****	*****	*****
0.575	*****	-0.2213	-0.1360	-0.2299	-0.5261	*****	*****	*****	*****	*****
0.600	-0.3038	-0.2309	-0.1716	-0.2362	-0.4952	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1763	-0.2411	-0.4791	*****	*****	*****	*****	*****
0.650	-0.3272	-0.2486	-0.1916	-0.2469	-0.4588	*****	*****	*****	*****	*****
0.675	*****	-0.2684	-0.2067	-0.2726	-0.4459	*****	*****	*****	*****	*****
0.700	-0.3488	-0.2921	-0.2185	-0.3108	-0.4786	*****	*****	*****	*****	*****
0.725	*****	-0.3156	*****	-0.3400	-0.5692	*****	*****	*****	*****	*****
0.750	-0.3667	-0.3429	*****	-0.3162	-0.6390	*****	*****	*****	*****	*****
0.775	*****	-0.3722	-0.2614	-0.3012	-0.6791	*****	*****	*****	*****	*****
0.800	-0.3764	-0.4173	-0.3265	-0.3025	*****	*****	*****	*****	*****	*****
0.825	*****	-0.4503	-0.3595	-0.3387	-0.8298	*****	*****	*****	*****	*****
0.850	-0.3839	-0.4525	-0.3568	-0.5245	-0.8190	*****	*****	*****	*****	*****
0.875	*****	-0.4807	-0.4224	-0.6918	-0.6291	*****	*****	*****	*****	*****
0.900	-0.3839	-0.5692	-0.7007	-0.7931	*****	*****	*****	*****	*****	*****
0.925	*****	-0.7350	-0.7911	-0.8552	-0.9762	*****	*****	*****	*****	*****
0.950	-0.4251	-0.7626	-0.6511	-0.8451	-1.0307	*****	*****	*****	*****	*****
0.975	*****	-1.0144	-1.0623	-0.8358	-0.9053	*****	*****	*****	*****	*****
1.000	-1.1544	-1.1482	-1.2258	-0.8460	-1.1197	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1551	0.1545	0.2202	*****	*****	*****	*****	*****	*****	*****
-0.600	0.1461	0.1614	0.1715	0.0102	-0.7183	*****	*****	*****	*****	*****
-0.700	0.1588	0.1658	0.1647	0.0445	-0.6990	*****	*****	*****	*****	*****
-0.800	*****	0.1624	0.1646	0.0618	-0.6691	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1664	0.0863	-0.6044	*****	*****	*****	*****	*****
-0.900	0.2409	0.2291	0.2038	0.1173	-0.5834	*****	*****	*****	*****	*****
-0.950	0.2562	0.1469	0.2304	0.1655	-0.1928	*****	*****	*****	*****	*****
-0.975	*****	0.1991	0.2110	0.1711	-0.0323	*****	*****	*****	*****	*****
-1.000	-1.0414	-1.3094	-0.9084	-0.7906	-0.5520	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 52, Point No. = 1124
 $C_N = 0.355$, $C_m = -0.0685$
 $\alpha = 8.0^\circ$, $M_\infty = 0.849$
 $R_{mac} = 60.3 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.6853	*****
0.20	-1.1544	-1.0414
0.30	-0.9969	*****
0.40	-1.1482	-1.3094
0.50	-1.0923	*****
0.60	-1.2258	-0.9084
0.70	-0.9616	*****
0.80	-0.8460	-0.7906
0.90	-1.0081	*****
0.95	-1.1197	-0.5520

Surface Pressures

● upper, starboard
 ○ lower, port

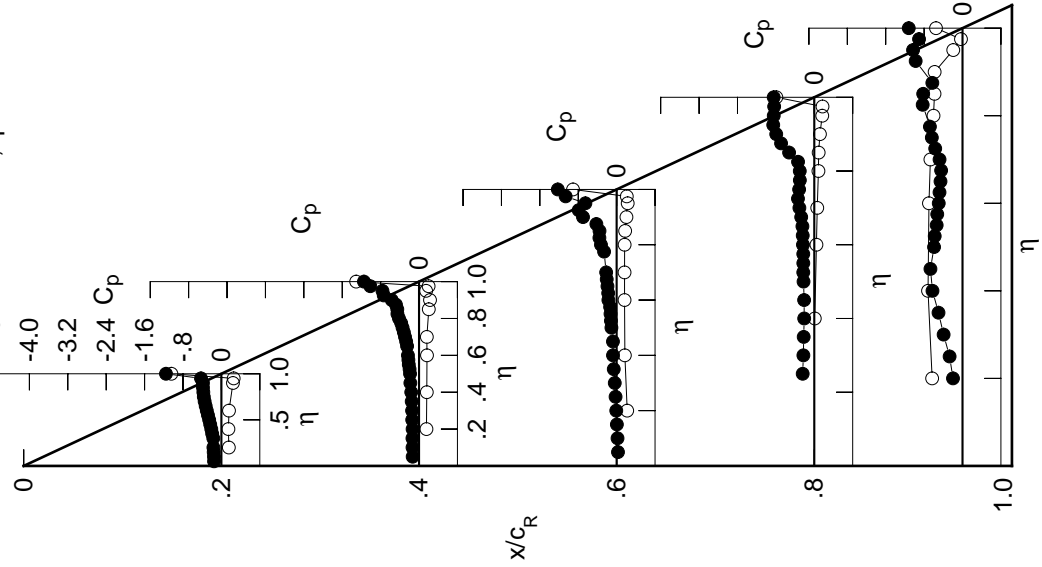


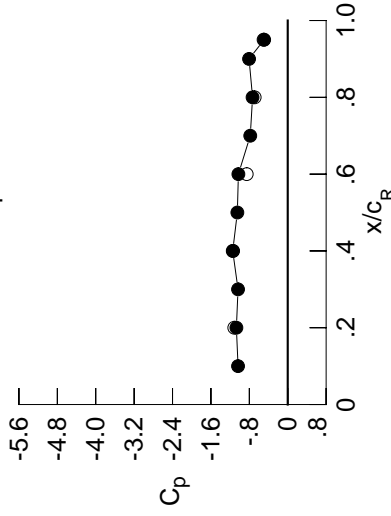
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1665	-0.1514	0.0122	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1698	-0.1533	0.0008	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1784	-0.1586	-0.0112	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1840	-0.1527	-0.0240	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1610	-0.0420	-0.2619	0.3026	0.3026	0.3026	0.3026	0.3026	0.3026
0.300	-0.1876	-0.1645	-0.0659	-0.2536	-0.4029	-0.4029	-0.4029	-0.4029	-0.4029	-0.4029
0.350	-0.2117	-0.1821	-0.0855	-0.2430	-0.4545	-0.4545	-0.4545	-0.4545	-0.4545	-0.4545
0.400	-0.2331	-0.1916	-0.0992	-0.2326	-0.5086	-0.5086	-0.5086	-0.5086	-0.5086	-0.5086
0.450	-0.2558	-0.2107	-0.0955	-0.2343	-0.5283	-0.5283	-0.5283	-0.5283	-0.5283	-0.5283
0.500	-0.2793	-0.2113	-0.1299	-0.2378	-0.5133	-0.5133	-0.5133	-0.5133	-0.5133	-0.5133
0.525	*****	-0.2178	-0.1460	-0.2420	-0.5505	-0.5505	-0.5505	-0.5505	-0.5505	-0.5505
0.550	-0.3079	-0.2348	-0.1606	-0.2402	-0.5916	-0.5916	-0.5916	-0.5916	-0.5916	-0.5916
0.575	*****	-0.2447	-0.1588	-0.2366	-0.6697	-0.6697	-0.6697	-0.6697	-0.6697	-0.6697
0.600	-0.3347	-0.2553	-0.1908	-0.2353	-0.7082	-0.7082	-0.7082	-0.7082	-0.7082	-0.7082
0.625	*****	*****	-0.2019	-0.2311	-0.7235	-0.7235	-0.7235	-0.7235	-0.7235	-0.7235
0.650	-0.3607	-0.2784	-0.2370	-0.2334	-0.7296	-0.7296	-0.7296	-0.7296	-0.7296	-0.7296
0.675	*****	-0.2945	-0.2530	-0.2564	-0.7215	-0.7215	-0.7215	-0.7215	-0.7215	-0.7215
0.700	-0.3857	-0.3164	-0.2525	-0.3031	-0.7716	-0.7716	-0.7716	-0.7716	-0.7716	-0.7716
0.725	*****	-0.3417	*****	-0.4088	-0.8672	-0.8672	-0.8672	-0.8672	-0.8672	-0.8672
0.750	-0.4050	-0.3644	*****	-0.5269	-0.9369	-0.9369	-0.9369	-0.9369	-0.9369	-0.9369
0.775	*****	-0.4048	-0.3477	-0.6564	-0.9426	-0.9426	-0.9426	-0.9426	-0.9426	-0.9426
0.800	-0.4165	-0.5062	-0.4643	-0.7448	*****	*****	*****	*****	*****	*****
0.825	*****	-0.5740	-0.5602	-0.8017	-0.8107	-0.8107	-0.8107	-0.8107	-0.8107	-0.8107
0.850	-0.4510	-0.5393	-0.6273	-0.7966	-0.7352	-0.7352	-0.7352	-0.7352	-0.7352	-0.7352
0.875	*****	-0.5298	-0.7774	-0.7563	-0.6201	-0.6201	-0.6201	-0.6201	-0.6201	-0.6201
0.900	-0.4174	-0.7874	-0.9043	-0.7475	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9730	-0.8906	-0.7618	-0.6038	-0.6038	-0.6038	-0.6038	-0.6038	-0.6038
0.950	-0.5140	-0.9389	-0.8771	-0.7355	-0.6818	-0.6818	-0.6818	-0.6818	-0.6818	-0.6818
0.975	*****	-1.1462	-0.8569	-0.7137	-0.5340	-0.5340	-0.5340	-0.5340	-0.5340	-0.5340
1.000	-1.0697	-1.1459	-1.0279	-0.7326	-0.4908	-0.4908	-0.4908	-0.4908	-0.4908	-0.4908
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1836	0.1803	0.2399	*****	-0.6130	-0.6130	-0.6130	-0.6130	-0.6130	-0.6130
-0.600	0.1757	0.1873	0.1924	0.0288	-0.7016	-0.7016	-0.7016	-0.7016	-0.7016	-0.7016
-0.700	0.1904	0.1929	0.1878	0.0636	-0.6809	-0.6809	-0.6809	-0.6809	-0.6809	-0.6809
-0.800	*****	0.1916	0.1875	0.0810	-0.6514	-0.6514	-0.6514	-0.6514	-0.6514	-0.6514
-0.850	*****	*****	0.1916	0.1067	-0.5839	-0.5839	-0.5839	-0.5839	-0.5839	-0.5839
-0.900	*****	0.2318	0.2040	0.1124	-0.5632	-0.5632	-0.5632	-0.5632	-0.5632	-0.5632
-0.950	0.2644	0.2530	0.2281	0.1388	-0.5551	-0.5551	-0.5551	-0.5551	-0.5551	-0.5551
-0.975	0.2737	0.1487	0.2433	0.1796	-0.1812	-0.1812	-0.1812	-0.1812	-0.1812	-0.1812
-1.000	*****	0.1953	0.2117	0.1741	-0.0293	-0.0293	-0.0293	-0.0293	-0.0293	-0.0293
-1.000	-1.1134	-1.1382	-0.8548	-0.6885	-0.5029	-0.5029	-0.5029	-0.5029	-0.5029	-0.5029

Small Radius L.E.
 Run No. = 52, Point No. = 1125
 $C_N = 0.418$, $C_m = -0.0824$
 $\alpha = 9.0^\circ$, $M_\infty = 0.850$
 $R_{mac} = 60.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0348	*****
0.20	-1.0697	-1.1134
0.30	-1.0354	*****
0.40	-1.1459	-1.1382
0.50	-1.0496	*****
0.60	-1.0279	-0.8548
0.70	-0.7806	*****
0.80	-0.7326	-0.6885
0.90	-0.8058	*****
0.95	-0.4908	-0.5029

Surface Pressures

● upper, starboard
 ○ lower, port

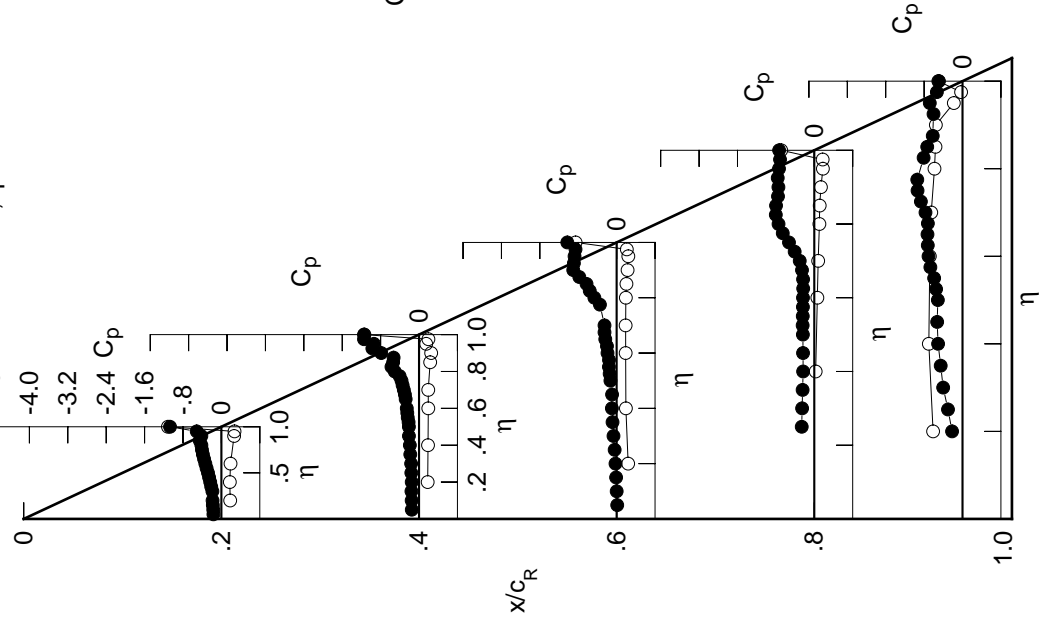


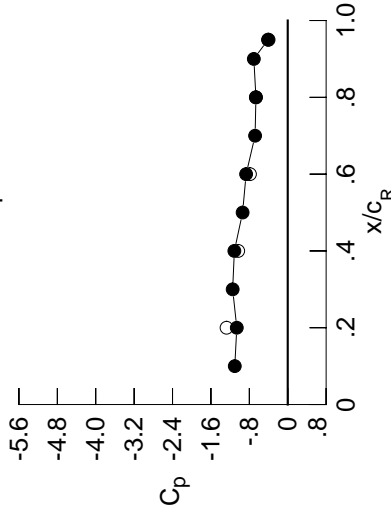
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2011	-0.2076	-0.0292	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2080	-0.2084	-0.0394	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2218	-0.2104	-0.0521	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2271	-0.2118	-0.0724	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2340	-0.0949	-0.3172	-0.4111	*****	*****	*****	*****	*****
0.300	-0.2420	-0.2392	-0.1209	-0.3154	-0.2785	*****	*****	*****	*****	*****
0.350	-0.2680	-0.2445	-0.1449	-0.2929	-0.2188	*****	*****	*****	*****	*****
0.400	-0.2840	-0.2498	-0.1401	-0.2721	-0.2915	*****	*****	*****	*****	*****
0.450	-0.3016	-0.2890	-0.1239	-0.2610	-0.4953	*****	*****	*****	*****	*****
0.500	-0.3272	-0.2957	-0.1456	-0.2479	-0.7168	*****	*****	*****	*****	*****
0.525	*****	-0.2922	-0.1449	-0.2416	-0.7324	*****	*****	*****	*****	*****
0.550	-0.3676	-0.3046	-0.1406	-0.2324	-0.7156	*****	*****	*****	*****	*****
0.575	*****	-0.3044	-0.1190	-0.2269	-0.7101	*****	*****	*****	*****	*****
0.600	-0.3936	-0.3041	-0.1292	-0.2272	-0.6939	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1218	-0.2485	-0.7103	*****	*****	*****	*****	*****
0.650	-0.4076	-0.3074	-0.2077	-0.3346	-0.7959	*****	*****	*****	*****	*****
0.675	*****	-0.3141	-0.4345	-0.5432	-0.9370	*****	*****	*****	*****	*****
0.700	-0.4314	-0.2978	-0.7047	-0.8054	-1.1126	*****	*****	*****	*****	*****
0.725	*****	-0.2821	*****	-1.0213	-1.2409	*****	*****	*****	*****	*****
0.750	-0.4269	-0.5553	*****	-1.1191	-1.2652	*****	*****	*****	*****	*****
0.775	*****	-0.9120	-1.0516	-1.1490	-0.9476	*****	*****	*****	*****	*****
0.800	-0.4506	-1.0648	-1.0172	-1.0839	*****	*****	*****	*****	*****	*****
0.825	*****	-0.9948	-0.9758	-1.0556	-0.6601	*****	*****	*****	*****	*****
0.850	-0.7808	-0.9229	-0.9276	-0.8950	-0.5869	*****	*****	*****	*****	*****
0.875	*****	-0.9800	-0.8939	-0.7977	-0.5839	*****	*****	*****	*****	*****
0.900	-0.9766	-1.1056	-0.8722	-0.7609	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0920	-0.8297	-0.7101	-0.5960	*****	*****	*****	*****	*****
0.950	-1.0352	-0.9684	-0.7860	-0.6671	-0.5200	*****	*****	*****	*****	*****
0.975	*****	-1.1398	-0.8001	-0.6543	-0.4830	*****	*****	*****	*****	*****
1.000	-1.0612	-1.1119	-0.8670	-0.6625	-0.4105	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2402	0.2298	0.2761	*****	-0.5844	*****	*****	*****	*****	*****
-0.600	0.2351	0.2374	0.2312	0.0603	-0.6808	*****	*****	*****	*****	*****
-0.700	0.2519	0.2457	0.2275	0.0960	-0.6614	*****	*****	*****	*****	*****
-0.800	*****	0.2467	0.2297	0.1141	-0.6319	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2353	0.1402	-0.5607	*****	*****	*****	*****	*****
-0.900	*****	0.2826	0.2469	0.1483	-0.5354	*****	*****	*****	*****	*****
-0.950	0.3075	0.2925	0.2640	0.1723	-0.5153	*****	*****	*****	*****	*****
-0.975	0.3023	0.1530	0.2566	0.1957	-0.1618	*****	*****	*****	*****	*****
-1.000	*****	0.1809	0.1999	0.1668	-0.0237	*****	*****	*****	*****	*****
	-1.2745	-1.0321	-0.7871	-0.6641	-0.3994	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 52, Point No. = 1126
 $C_N = 0.538$, $C_m = -0.1010$
 $\alpha = 11.1^\circ$, $M_\infty = 0.849$
 $R_{mac} = 60.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.030	*****
0.20	-1.0612	-1.2745
0.30	-1.1472	*****
0.40	-1.1119	-1.0321
0.50	-0.9401	*****
0.60	-0.8670	-0.7871
0.70	-0.6801	*****
0.80	-0.6625	-0.6641
0.90	-0.7061	*****
0.95	-0.4105	-0.3994

Surface Pressures

● upper, starboard
 ○ lower, port

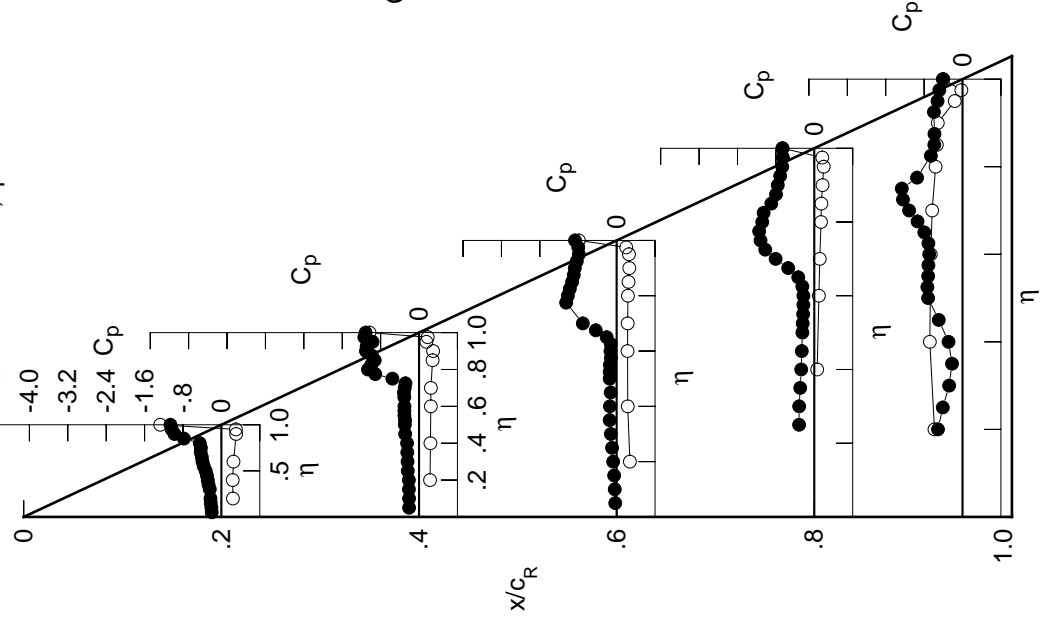


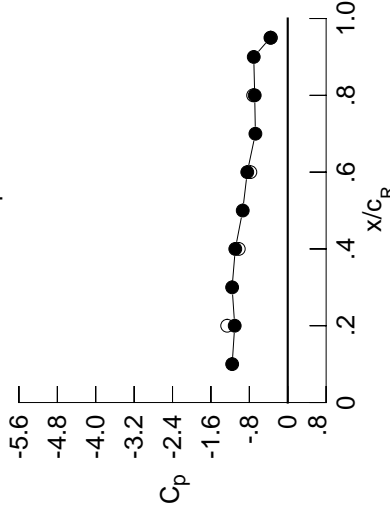
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2207	-0.2391	-0.0504	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2257	-0.2376	-0.0596	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2423	-0.2385	-0.0756	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2601	-0.2470	-0.1004	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2699	-0.1193	-0.3401	-0.5598	*****	*****	*****	*****	*****
0.300	-0.2696	-0.2732	-0.1333	-0.3297	-0.4280	*****	*****	*****	*****	*****
0.350	-0.2961	-0.2761	-0.1599	-0.3189	-0.3364	*****	*****	*****	*****	*****
0.400	-0.3082	-0.2756	-0.1714	-0.2972	-0.3597	*****	*****	*****	*****	*****
0.450	-0.3269	-0.2952	-0.1564	-0.2832	-0.5253	*****	*****	*****	*****	*****
0.500	-0.3504	-0.3365	-0.1730	-0.2685	-0.6731	*****	*****	*****	*****	*****
0.525	*****	-0.3455	-0.1704	-0.2639	-0.6901	*****	*****	*****	*****	*****
0.550	-0.4062	-0.3497	-0.1686	-0.2607	-0.6778	*****	*****	*****	*****	*****
0.575	*****	-0.3396	-0.1521	-0.2694	-0.6869	*****	*****	*****	*****	*****
0.600	-0.4347	-0.3378	-0.1883	-0.3017	-0.7060	*****	*****	*****	*****	*****
0.625	*****	*****	-0.2246	-0.3787	-0.7802	*****	*****	*****	*****	*****
0.650	-0.4375	-0.3100	-0.3927	-0.5391	-0.9183	*****	*****	*****	*****	*****
0.675	*****	-0.3036	-0.6880	-0.7819	-1.0718	*****	*****	*****	*****	*****
0.700	-0.4532	-0.3569	-0.9512	-1.0134	-1.2269	*****	*****	*****	*****	*****
0.725	*****	-0.6889	*****	-1.1811	-1.1250	*****	*****	*****	*****	*****
0.750	-0.4191	-1.0601	*****	-1.2485	-0.8961	*****	*****	*****	*****	*****
0.775	*****	-1.1744	-1.1682	-1.2239	-0.8000	*****	*****	*****	*****	*****
0.800	-0.6393	-1.1868	-1.1130	-1.0581	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0959	-1.0593	-0.9853	-0.6009	*****	*****	*****	*****	*****
0.850	-1.0492	-1.0567	-0.9835	-0.8678	-0.5567	*****	*****	*****	*****	*****
0.875	*****	-1.0871	-0.9211	-0.8248	-0.5595	*****	*****	*****	*****	*****
0.900	-1.1027	-1.1411	-0.8784	-0.8058	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1026	-0.8353	-0.7252	-0.5597	*****	*****	*****	*****	*****
0.950	-1.1445	-0.9949	-0.7890	-0.6935	-0.4923	*****	*****	*****	*****	*****
0.975	*****	-1.1051	-0.7839	-0.6873	-0.4359	*****	*****	*****	*****	*****
1.000	-1.1045	-1.0925	-0.8429	-0.6881	-0.3608	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2687	0.2521	0.2932	*****	-0.5726	*****	*****	*****	*****	*****
-0.600	0.2646	0.2619	0.2485	0.0758	-0.6706	*****	*****	*****	*****	*****
-0.700	0.2821	0.2701	0.2463	0.1102	-0.6523	*****	*****	*****	*****	*****
-0.800	*****	0.2721	0.2488	0.1282	-0.6230	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2543	0.1553	-0.5483	*****	*****	*****	*****	*****
-0.900	*****	0.3040	0.2651	0.1630	-0.5208	*****	*****	*****	*****	*****
-0.950	0.3276	0.3077	0.2776	0.1849	-0.4949	*****	*****	*****	*****	*****
-0.975	0.3150	0.1531	0.2584	0.1977	-0.1510	*****	*****	*****	*****	*****
-1.000	*****	0.1689	0.1897	0.1545	-0.0211	*****	*****	*****	*****	*****
-1.000	-1.2614	-1.0200	-0.7784	-0.7208	-0.3504	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 52, Point No. = 1127
 $C_N = 0.595$, $C_m = -0.1081$
 $\alpha = 12.2^\circ$, $M_\infty = 0.850$
 $R_{mac} = 60.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1574	*****
0.20	-1.1045	-1.2614
0.30	-1.1588	*****
0.40	-1.0925	-1.0200
0.50	-0.9379	*****
0.60	-0.8429	-0.7784
0.70	-0.6737	*****
0.80	-0.6881	-0.7208
0.90	-0.7079	*****
0.95	-0.3608	-0.3504

Surface Pressures

● upper, starboard
 ○ lower, port

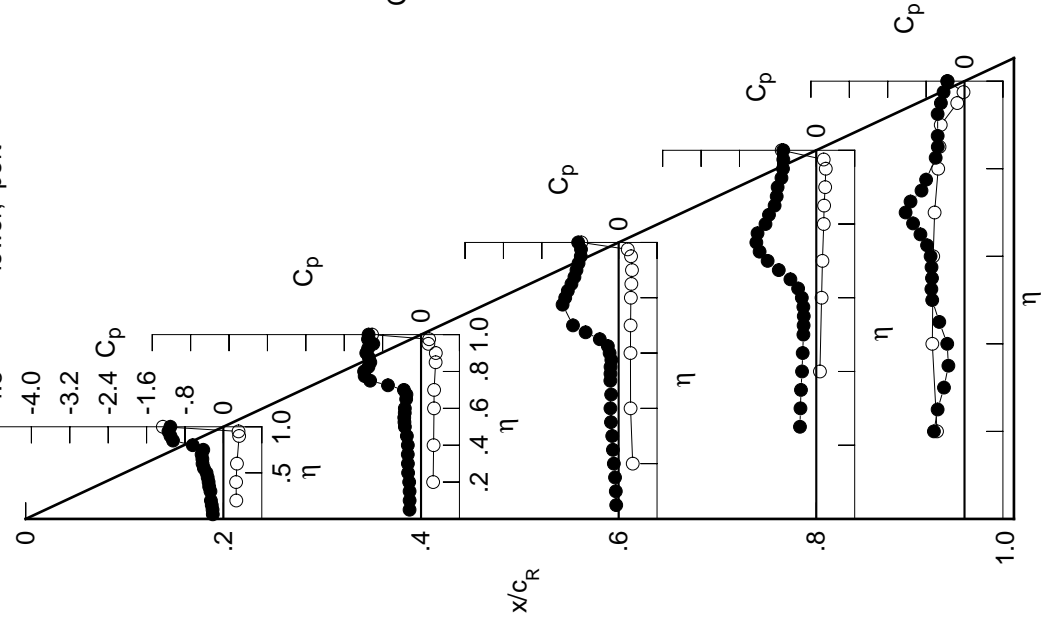


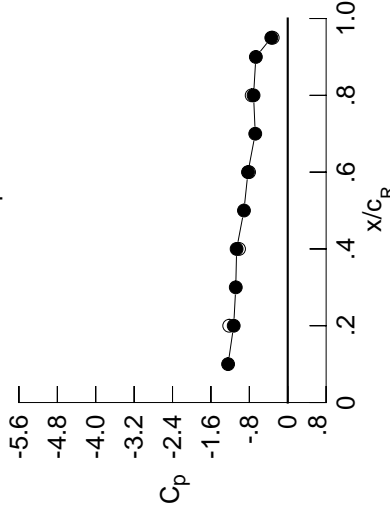
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2449	-0.2748	-0.0711	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2452	-0.2710	-0.0794	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2671	-0.2760	-0.1003	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2858	-0.2890	-0.1238	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3011	-0.1382	-0.3686	-0.2746	*****	*****	*****	*****	*****
0.300	-0.2971	-0.3025	-0.1433	-0.3469	-0.2480	*****	*****	*****	*****	*****
0.350	-0.3259	-0.3023	-0.1517	-0.3285	-0.3323	*****	*****	*****	*****	*****
0.400	-0.3327	-0.2976	-0.1565	-0.3101	-0.5302	*****	*****	*****	*****	*****
0.450	-0.3469	-0.2967	-0.1340	-0.2955	-0.6737	*****	*****	*****	*****	*****
0.500	-0.3601	-0.2769	-0.1581	-0.2845	-0.6724	*****	*****	*****	*****	*****
0.525	*****	-0.2729	-0.1582	-0.2887	-0.6756	*****	*****	*****	*****	*****
0.550	-0.3964	-0.2968	-0.1751	-0.3078	-0.6830	*****	*****	*****	*****	*****
0.575	*****	-0.3115	-0.2205	-0.3602	-0.7310	*****	*****	*****	*****	*****
0.600	-0.4452	-0.3539	-0.4158	-0.4635	-0.8046	*****	*****	*****	*****	*****
0.625	*****	*****	-0.6373	-0.6361	-0.9316	*****	*****	*****	*****	*****
0.650	-0.4532	-0.7483	-0.9171	-0.8527	-1.0933	*****	*****	*****	*****	*****
0.675	*****	-1.0397	-1.1266	-1.0703	-1.2326	*****	*****	*****	*****	*****
0.700	-0.4195	-1.1843	-1.2310	-1.2301	-1.1109	*****	*****	*****	*****	*****
0.725	*****	-1.2263	*****	-1.3325	-0.9017	*****	*****	*****	*****	*****
0.750	-0.7259	-1.2180	*****	-1.3472	-0.8473	*****	*****	*****	*****	*****
0.775	*****	-1.1711	-1.1351	-1.1344	-0.7436	*****	*****	*****	*****	*****
0.800	-1.0633	-1.0970	-1.0990	-0.9568	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0211	-1.0485	-0.8957	-0.5956	*****	*****	*****	*****	*****
0.850	-1.1680	-0.9985	-0.9629	-0.8557	-0.5622	*****	*****	*****	*****	*****
0.875	*****	-1.0417	-0.8947	-0.8319	-0.5744	*****	*****	*****	*****	*****
0.900	-1.1380	-1.1018	-0.8542	-0.8079	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0478	-0.8210	-0.7364	-0.5461	*****	*****	*****	*****	*****
0.950	-1.1502	-0.9647	-0.7808	-0.7173	-0.4577	*****	*****	*****	*****	*****
0.975	*****	-1.0931	-0.7633	-0.7125	-0.4044	*****	*****	*****	*****	*****
1.000	-1.1260	-1.0646	-0.8282	-0.7119	-0.3426	*****	*****	*****	*****	*****
-0.200	0.2969	0.2765	0.3106	*****	-0.5885	*****	*****	*****	*****	*****
-0.400	0.2954	0.2850	0.2665	0.0899	-0.6630	*****	*****	*****	*****	*****
-0.600	0.3125	0.2942	0.2640	0.1250	-0.6433	*****	*****	*****	*****	*****
-0.700	*****	0.2970	0.2674	0.1426	-0.6125	*****	*****	*****	*****	*****
-0.800	*****	*****	0.2723	0.1690	-0.5359	*****	*****	*****	*****	*****
-0.850	*****	0.3233	0.2821	0.1773	-0.5058	*****	*****	*****	*****	*****
-0.900	0.3476	0.3214	0.2905	0.1971	-0.4762	*****	*****	*****	*****	*****
-0.950	0.3283	0.1510	0.2589	0.2004	-0.1414	*****	*****	*****	*****	*****
-0.975	*****	0.1575	0.1775	0.1446	-0.0192	*****	*****	*****	*****	*****
-1.000	-1.2195	-1.0141	-0.8057	-0.7513	-0.3129	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 52, Point No. = 1128
 $C_N = 0.648$, $C_m = -0.1133$
 $\alpha = 13.3^\circ$, $M_\infty = 0.849$
 $R_{mac} = 60.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2428	*****
0.20	-1.1260	-1.2195
0.30	-1.0827	*****
0.40	-1.0646	-1.0141
0.50	-0.9122	*****
0.60	-0.8282	-0.8057
0.70	-0.6768	*****
0.80	-0.7119	-0.7513
0.90	-0.6637	*****
0.95	-0.3426	-0.3129

Surface Pressures

● upper, starboard
 ○ lower, port

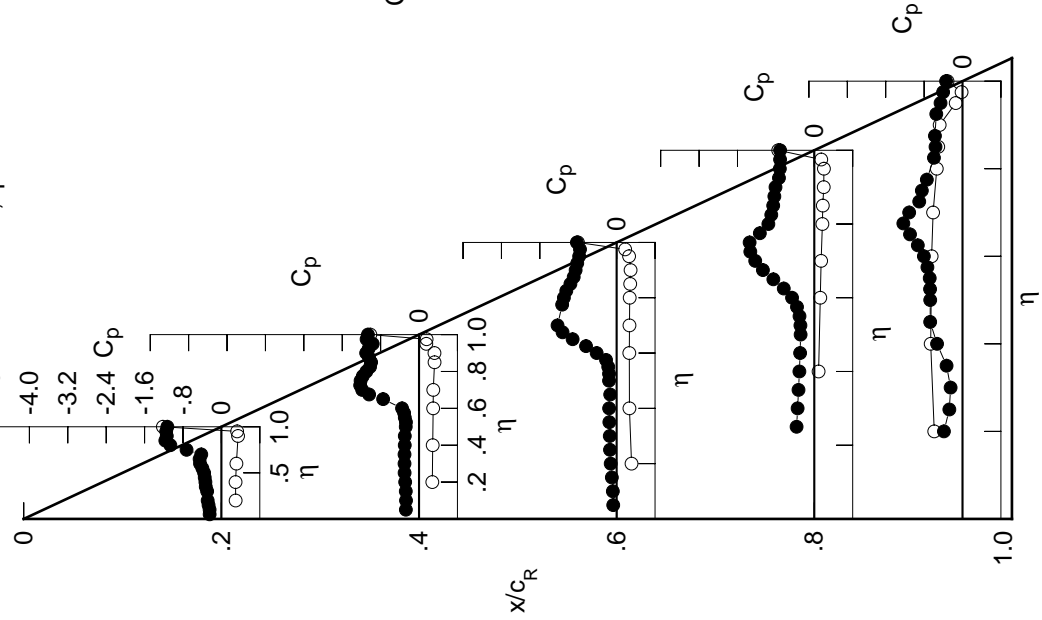


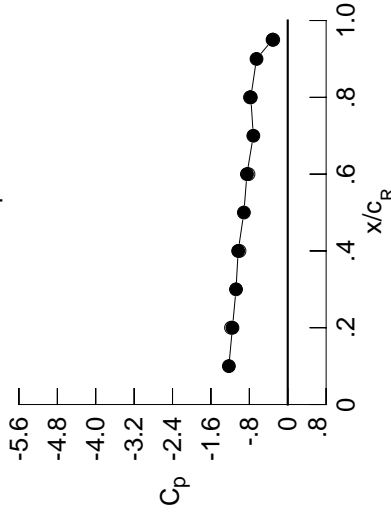
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2763	-0.3124	-0.0893	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2722	-0.3077	-0.0982	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2964	-0.3177	-0.1206	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3135	-0.3337	-0.1431	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3400	-0.1555	-0.3951	-0.3468	*****	*****	*****	*****	*****
0.300	-0.3274	-0.3374	-0.1601	-0.3754	-0.3127	*****	*****	*****	*****	*****
0.350	-0.3586	-0.3396	-0.1703	-0.3579	-0.3969	*****	*****	*****	*****	*****
0.400	-0.3670	-0.3382	-0.1757	-0.3407	-0.5882	*****	*****	*****	*****	*****
0.450	-0.3743	-0.3393	-0.1572	-0.3302	-0.6802	*****	*****	*****	*****	*****
0.500	-0.3800	-0.3229	-0.1960	-0.3391	-0.6865	*****	*****	*****	*****	*****
0.525	*****	-0.3201	-0.2241	-0.3615	-0.7064	*****	*****	*****	*****	*****
0.550	-0.3969	-0.3390	-0.2903	-0.4101	-0.7427	*****	*****	*****	*****	*****
0.575	*****	-0.3664	-0.4023	-0.5036	-0.8267	*****	*****	*****	*****	*****
0.600	-0.4341	-0.4694	-0.6491	-0.6428	-0.9315	*****	*****	*****	*****	*****
0.625	*****	*****	-0.8637	-0.8255	-1.0684	*****	*****	*****	*****	*****
0.650	-0.4539	-1.0325	-1.0748	-1.0195	-1.2094	*****	*****	*****	*****	*****
0.675	*****	-1.2805	-1.2375	-1.1998	-0.8241	*****	*****	*****	*****	*****
0.700	-0.7223	-1.3773	-1.3200	-1.3346	-0.7795	*****	*****	*****	*****	*****
0.725	*****	-1.3762	*****	-1.2695	-0.7148	*****	*****	*****	*****	*****
0.750	-1.1049	-1.3350	*****	-1.0738	-0.6270	*****	*****	*****	*****	*****
0.775	*****	-1.3144	-1.2389	-1.0448	-0.5670	*****	*****	*****	*****	*****
0.800	-1.2038	-1.2420	-1.1199	-1.0063	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1492	-1.0312	-0.9565	-0.5407	*****	*****	*****	*****	*****
0.850	-1.2141	-1.1088	-0.9758	-0.9382	-0.5222	*****	*****	*****	*****	*****
0.875	*****	-1.1062	-0.9463	-0.9067	-0.5249	*****	*****	*****	*****	*****
0.900	-1.1570	-1.0867	-0.9132	-0.8334	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0175	-0.8596	-0.7698	-0.5098	*****	*****	*****	*****	*****
0.950	-1.1653	-0.9552	-0.8115	-0.7747	-0.4315	*****	*****	*****	*****	*****
0.975	*****	-1.0446	-0.7921	-0.7706	-0.3761	*****	*****	*****	*****	*****
1.000	-1.1518	-1.0324	-0.8501	-0.7693	-0.3162	*****	*****	*****	*****	*****
-0.200	0.3266	0.3015	0.3271	*****	-0.5903	*****	*****	*****	*****	*****
-0.400	0.3255	0.3087	0.2851	0.1036	-0.6571	*****	*****	*****	*****	*****
-0.600	0.3429	0.3182	0.2816	0.1385	-0.6356	*****	*****	*****	*****	*****
-0.700	*****	0.3208	0.2853	0.1561	-0.6027	*****	*****	*****	*****	*****
-0.800	*****	*****	0.2897	0.1826	-0.5248	*****	*****	*****	*****	*****
-0.850	*****	0.3413	0.2976	0.1908	-0.4928	*****	*****	*****	*****	*****
-0.900	0.3659	0.3333	0.3013	0.2072	-0.4588	*****	*****	*****	*****	*****
-0.950	0.3399	0.1475	0.2580	0.2002	-0.1343	*****	*****	*****	*****	*****
-0.975	*****	0.1467	0.1652	0.1337	-0.0212	*****	*****	*****	*****	*****
-1.000	-1.1813	-1.0045	-0.8186	-0.7863	-0.3021	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 52, Point No. = 1129
 $C_N = 0.702$, $C_m = -0.1184$
 $\alpha = 14.3^\circ$, $M_\infty = 0.850$
 $R_{mac} = 60.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2266	*****
0.20	-1.1518	-1.1813
0.30	-1.0772	*****
0.40	-1.0324	-1.0045
0.50	-0.9134	*****
0.60	-0.8501	-0.8186
0.70	-0.7172	*****
0.80	-0.7693	-0.7863
0.90	-0.6507	*****
0.95	-0.3162	-0.3021

Surface Pressures

● upper, starboard
 ○ lower, port

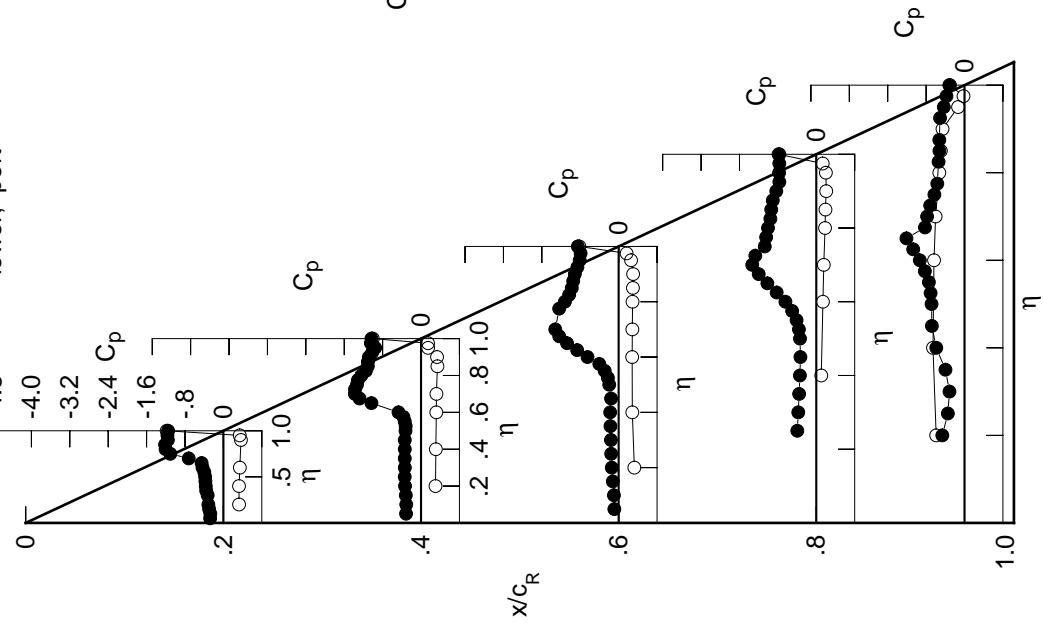


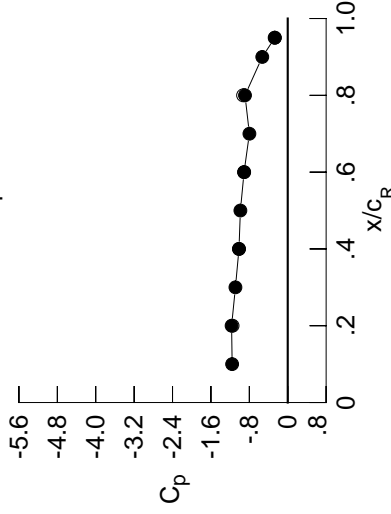
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3164	-0.3865	-0.1168	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3128	-0.3866	-0.1277	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3400	-0.3967	-0.1500	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3505	-0.3907	-0.1557	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3934	-0.1768	-0.4534	-0.6291	*****	*****	*****	*****	*****
0.300	-0.3369	-0.3942	-0.1849	-0.4388	-0.6278	*****	*****	*****	*****	*****
0.350	-0.3498	-0.3923	-0.1994	-0.4236	-0.6963	*****	*****	*****	*****	*****
0.400	-0.3764	-0.3882	-0.2153	-0.4170	-0.7333	*****	*****	*****	*****	*****
0.450	-0.4130	-0.3922	-0.2316	-0.4355	-0.7506	*****	*****	*****	*****	*****
0.500	-0.4324	-0.4072	-0.3693	-0.5081	-0.8054	*****	*****	*****	*****	*****
0.525	*****	-0.4574	-0.4842	-0.5819	-0.8607	*****	*****	*****	*****	*****
0.550	-0.5449	-0.5939	-0.6394	-0.6891	-0.9369	*****	*****	*****	*****	*****
0.575	*****	-0.7948	-0.8071	-0.8307	-1.0462	*****	*****	*****	*****	*****
0.600	-0.7633	-1.0538	-1.0332	-0.9831	-1.1546	*****	*****	*****	*****	*****
0.625	*****	*****	-1.1899	-1.1392	-0.8068	*****	*****	*****	*****	*****
0.650	-0.9892	-1.4414	-1.3299	-1.2786	-0.7123	*****	*****	*****	*****	*****
0.675	*****	-1.5675	-1.4464	-1.1730	-0.6113	*****	*****	*****	*****	*****
0.700	-1.2076	-1.6105	-1.4694	-1.0025	-0.5176	*****	*****	*****	*****	*****
0.725	*****	-1.5533	*****	-0.9849	-0.4787	*****	*****	*****	*****	*****
0.750	-1.2804	-1.4220	*****	-0.9739	-0.4657	*****	*****	*****	*****	*****
0.775	*****	-1.3681	-1.1675	-0.9906	-0.4599	*****	*****	*****	*****	*****
0.800	-1.2812	-1.2819	-1.0934	-1.0195	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1999	-1.0544	-1.0247	-0.4610	*****	*****	*****	*****	*****
0.850	-1.2541	-1.1498	-1.0429	-1.0132	-0.4426	*****	*****	*****	*****	*****
0.875	*****	-1.1085	-1.0251	-0.9382	-0.4318	*****	*****	*****	*****	*****
0.900	-1.1802	-1.0690	-0.9737	-0.8840	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0248	-0.9290	-0.8762	-0.3912	*****	*****	*****	*****	*****
0.950	-1.1821	-0.9834	-0.8992	-0.8978	-0.3459	*****	*****	*****	*****	*****
0.975	*****	-1.0271	-0.8808	-0.8965	-0.3122	*****	*****	*****	*****	*****
1.000	-1.1693	-1.0157	-0.9095	-0.8902	-0.2673	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3861	0.3488	0.3635	*****	-0.5722	*****	*****	*****	*****	*****
-0.600	0.3851	0.3564	0.3206	0.1349	-0.6383	*****	*****	*****	*****	*****
-0.700	0.4003	0.3647	0.3179	0.1683	-0.6174	*****	*****	*****	*****	*****
-0.800	*****	0.3669	0.3215	0.1853	-0.5807	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3226	0.2106	-0.4983	*****	*****	*****	*****	*****
-0.900	*****	0.3747	0.3262	0.2166	-0.4641	*****	*****	*****	*****	*****
-0.950	0.3992	0.3540	0.3189	0.2263	-0.4248	*****	*****	*****	*****	*****
-0.975	0.3601	0.1458	0.2501	0.1973	-0.1194	*****	*****	*****	*****	*****
-1.000	*****	0.1218	0.1310	0.1042	-0.0228	*****	*****	*****	*****	*****
-1.000	-1.1486	-1.0155	-0.9074	-0.9301	-0.2732	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 52, Point No. = 1130
 $C_N = 0.797$, $C_m = -0.1251$
 $\alpha = 16.4^\circ$, $M_\infty = 0.850$
 $R_{mac} = 60.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1581	*****
0.20	-1.1693	-1.1486
0.30	-1.0896	*****
0.40	-1.0157	-1.0155
0.50	-0.9863	*****
0.60	-0.9095	-0.9074
0.70	-0.7987	*****
0.80	-0.8902	-0.9301
0.90	-0.5301	*****
0.95	-0.2673	-0.2732

Surface Pressures

● upper, starboard
 ○ lower, port

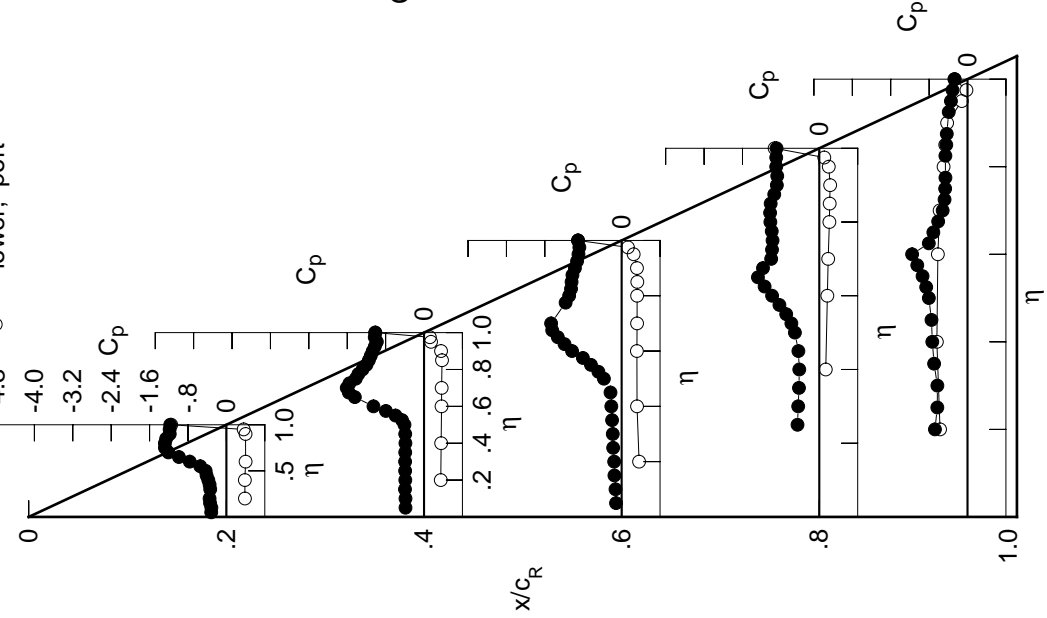


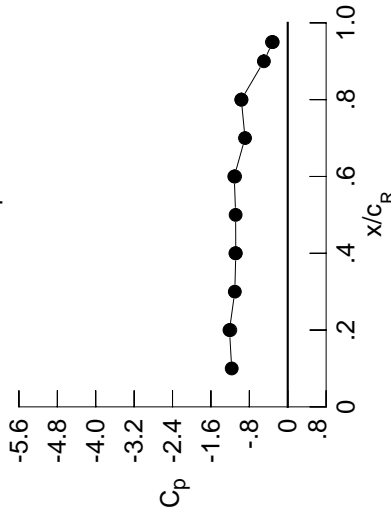
Table C5. Continued.

η	x/c_R .2	$C_{p,u}$	x/c_R .4	$C_{p,u}$	x/c_R .6	$C_{p,u}$	x/c_R .8	$C_{p,u}$	x/c_R .95
0.050		-0.3577	-0.4471	-0.1666	*****	*****	*****	*****	*****
0.100		-0.3706	-0.4488	-0.1836	*****	*****	*****	*****	*****
0.150		-0.3788	-0.4572	-0.2108	*****	*****	*****	*****	*****
0.200		-0.3806	-0.4515	-0.2223	*****	*****	*****	*****	*****
0.250		*****	-0.4561	-0.2460	-0.5118	-0.6323	*****	*****	*****
0.300		-0.3710	-0.4538	-0.2729	-0.5061	-0.6603	*****	*****	*****
0.350		-0.3867	-0.4594	-0.3131	-0.5078	-0.6641	*****	*****	*****
0.400		-0.3845	-0.4704	-0.3738	-0.5363	-0.6977	*****	*****	*****
0.450		-0.4082	-0.5272	-0.4604	-0.6137	-0.7664	*****	*****	*****
0.500		-0.5610	-0.6612	-0.6928	-0.7619	-0.9148	*****	*****	*****
0.525		*****	-0.7931	-0.8452	-0.8670	-1.0136	*****	*****	*****
0.550		-0.9858	-1.0166	-1.0126	-0.9874	-1.1292	*****	*****	*****
0.575		*****	-1.2071	-1.1694	-1.1187	-1.2165	*****	*****	*****
0.600		-1.2958	-1.3819	-1.3356	-1.2405	-0.8094	*****	*****	*****
0.625		*****	*****	-1.4442	-1.3556	-0.7277	*****	*****	*****
0.650		-1.4090	-1.5903	-1.3268	-1.2954	-0.6633	*****	*****	*****
0.675		*****	-1.6852	-1.2060	-1.1038	-0.6107	*****	*****	*****
0.700		-1.4243	-1.6328	-1.1960	-1.0920	-0.5936	*****	*****	*****
0.725		*****	-1.5254	*****	-1.0956	-0.5800	*****	*****	*****
0.750		-1.3850	-1.5213	*****	-1.0892	-0.5606	*****	*****	*****
0.775		*****	-1.4596	-1.2152	-1.0925	-0.5204	*****	*****	*****
0.800		-1.3358	-1.3085	-1.2522	-1.0976	*****	*****	*****	*****
0.825		*****	-1.2057	-1.2641	-1.0694	-0.4708	*****	*****	*****
0.850		-1.2840	-1.1774	-1.1888	-1.0473	-0.4394	*****	*****	*****
0.875		*****	-1.1715	-1.0938	-0.9930	-0.4279	*****	*****	*****
0.900		-1.2290	-1.1479	-1.0675	-0.9616	*****	*****	*****	*****
0.925		*****	-1.0931	-1.0863	-0.9551	-0.4038	*****	*****	*****
0.950		-1.2218	-1.0612	-1.0917	-0.9694	-0.3637	*****	*****	*****
0.975		*****	-1.0976	-1.0944	-0.9717	-0.3436	*****	*****	*****
1.000		-1.2134	-1.0821	-1.1138	-0.9668	-0.3126	*****	*****	*****
-0.200		0.4435	0.3970	0.3999	*****	-0.5509	*****	*****	*****
-0.400		0.4441	0.4038	0.3584	0.1670	-0.6177	*****	*****	*****
-0.600		0.4563	0.4110	0.3547	0.1998	-0.5972	*****	*****	*****
-0.700		*****	0.4109	0.3564	0.2154	-0.5588	*****	*****	*****
-0.800		*****	*****	0.3542	0.2390	-0.4752	*****	*****	*****
-0.850		*****	0.4034	0.3520	0.2435	-0.4415	*****	*****	*****
-0.900		0.4281	0.3689	0.3323	0.2454	-0.3989	*****	*****	*****
-0.950		0.3749	0.1397	0.2350	0.1949	-0.1167	*****	*****	*****
-0.975		*****	0.0906	0.0892	0.0813	-0.0420	*****	*****	*****
-1.000		-1.1962	-1.0896	-1.0980	-0.9637	-0.3289	*****	*****	*****

Small Radius L.E.
 Run No. = 52, Point No. = 1131
 $C_N = 0.914$, $C_m = -0.1450$
 $\alpha = 18.4^\circ$, $M_\infty = 0.850$
 $R_{mac} = 60.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starboard C_p	port C_p
0.10	-1.1670	*****
0.20	-1.2134	-1.1962
0.30	-1.1027	*****
0.40	-1.0821	-1.0896
0.50	-1.0854	*****
0.60	-1.1138	-1.0980
0.70	-0.8894	*****
0.80	-0.9668	-0.9637
0.90	-0.4971	*****
0.95	-0.3126	-0.3289

Surface Pressures

● upper, starboard
 ○ lower, port

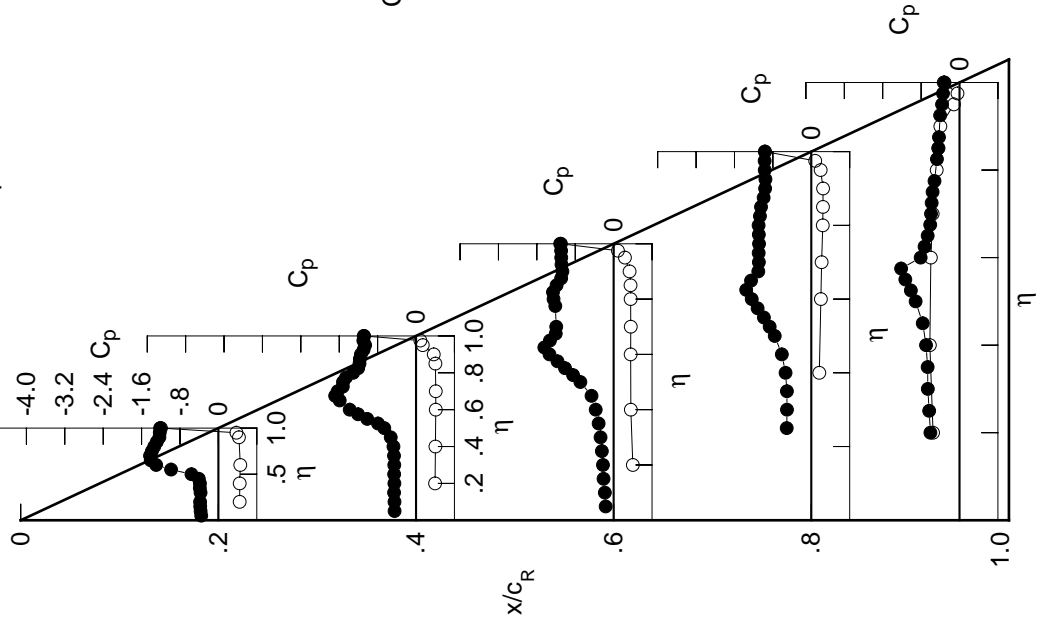


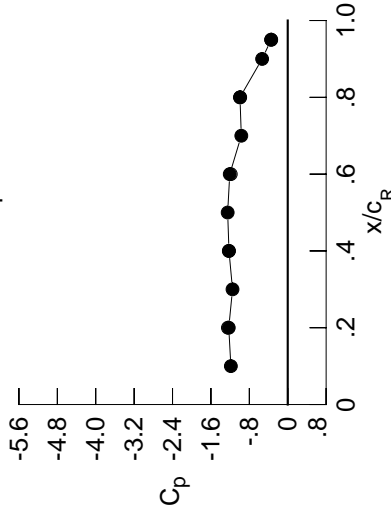
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4314	-0.5287	-0.5155	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4507	-0.5323	-0.5155	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4596	-0.5418	-0.5144	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4603	-0.5391	-0.5253	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.5490	-0.5426	-0.5695	-0.4613	*****	*****	*****	*****	*****
0.300	-0.4523	-0.5557	-0.5624	-0.5713	-0.5238	*****	*****	*****	*****	*****
0.350	-0.4706	-0.5806	-0.6035	-0.5912	-0.5548	*****	*****	*****	*****	*****
0.400	-0.4817	-0.6291	-0.6801	-0.6534	-0.6252	*****	*****	*****	*****	*****
0.450	-0.5523	-0.7590	-0.8054	-0.7847	-0.7300	*****	*****	*****	*****	*****
0.500	-0.8338	-0.9603	-1.0473	-0.9874	-0.9103	*****	*****	*****	*****	*****
0.525	*****	-1.0918	-1.1761	-1.1062	-1.0169	*****	*****	*****	*****	*****
0.550	-1.3015	-1.2944	-1.3064	-1.2242	-1.1349	*****	*****	*****	*****	*****
0.575	*****	-1.4247	-1.4129	-1.3371	-1.2544	*****	*****	*****	*****	*****
0.600	-1.5989	-1.5420	-1.5210	-1.4324	-0.8960	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4467	-1.5155	-0.7598	*****	*****	*****	*****	*****
0.650	-1.6994	-1.5305	-1.3198	-1.2859	-0.7345	*****	*****	*****	*****	*****
0.675	*****	-1.4578	-1.3186	-1.2350	-0.7269	*****	*****	*****	*****	*****
0.700	-1.5232	-1.4541	-1.3167	-1.2134	-0.7206	*****	*****	*****	*****	*****
0.725	*****	-1.4591	*****	-1.2019	-0.7115	*****	*****	*****	*****	*****
0.750	-1.4734	-1.4804	*****	-1.1968	-0.6818	*****	*****	*****	*****	*****
0.775	*****	-1.5224	-1.3563	-1.1915	-0.6070	*****	*****	*****	*****	*****
0.800	-1.4135	-1.5571	-1.3560	-1.1571	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4874	-1.3261	-1.1032	-0.5234	*****	*****	*****	*****	*****
0.850	-1.3322	-1.3072	-1.2821	-1.0843	-0.4867	*****	*****	*****	*****	*****
0.875	*****	-1.2194	-1.2446	-1.0385	-0.4827	*****	*****	*****	*****	*****
0.900	-1.2593	-1.2064	-1.2269	-1.0052	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1987	-1.2194	-0.9953	-0.4650	*****	*****	*****	*****	*****
0.950	-1.2389	-1.1914	-1.2141	-1.0042	-0.3936	*****	*****	*****	*****	*****
0.975	*****	-1.2294	-1.1994	-1.0012	-0.3700	*****	*****	*****	*****	*****
1.000	-1.2284	-1.2240	-1.2078	-0.9949	-0.3459	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5017	0.4450	0.4374	*****	-0.5234	*****	*****	*****	*****	*****
-0.600	0.5016	0.4515	0.3965	0.2010	-0.5927	*****	*****	*****	*****	*****
-0.700	0.5098	0.4562	0.3921	0.2319	-0.5702	*****	*****	*****	*****	*****
-0.800	*****	0.4541	0.3926	0.2462	-0.5310	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3860	0.2676	-0.4452	*****	*****	*****	*****	*****
-0.900	0.4532	0.3819	0.3456	0.2612	-0.3670	*****	*****	*****	*****	*****
-0.950	0.3873	0.1320	0.2249	0.1892	-0.1055	*****	*****	*****	*****	*****
-0.975	*****	0.0576	0.0585	0.0546	-0.0510	*****	*****	*****	*****	*****
-1.000	-1.2464	-1.2274	-1.1866	-0.9903	-0.3443	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 52, Point No. = 1132
 $C_N = 1.038$, $C_m = -0.1702$
 $\alpha = 20.5^\circ$, $M_\infty = 0.849$
 $R_{mac} = 60.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1845	*****
0.20	-1.2284	-1.2464
0.30	-1.1501	*****
0.40	-1.2240	-1.2274
0.50	-1.2514	*****
0.60	-1.2078	-1.1866
0.70	-0.9673	*****
0.80	-0.9949	-0.9903
0.90	-0.5334	*****
0.95	-0.3459	-0.3443

Surface Pressures

● upper, starboard
 ○ lower, port

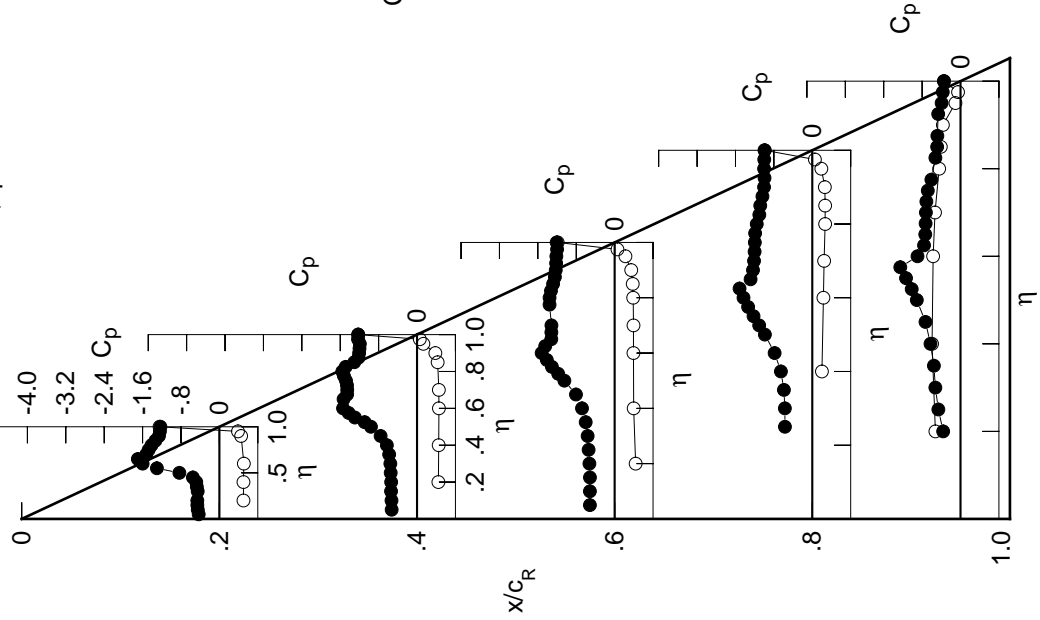


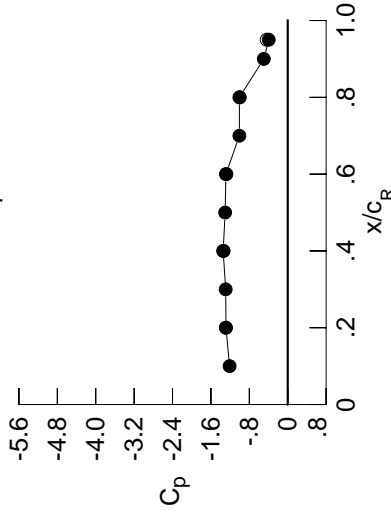
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.5188	-0.6102	-0.5896	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5351	-0.6107	-0.5910	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5429	-0.6185	-0.5973	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5493	-0.6221	-0.6056	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6399	-0.6276	-0.5280	-0.4090	*****	*****	*****	*****	*****
0.300	-0.5477	-0.6630	-0.6647	-0.5708	-0.4967	*****	*****	*****	*****	*****
0.350	-0.5809	-0.7184	-0.7414	-0.6370	-0.5609	*****	*****	*****	*****	*****
0.400	-0.6477	-0.8180	-0.8755	-0.7497	-0.6676	*****	*****	*****	*****	*****
0.450	-0.8395	-0.9982	-1.0568	-0.9197	-0.8115	*****	*****	*****	*****	*****
0.500	-1.1906	-1.1953	-1.2900	-1.1250	-1.0136	*****	*****	*****	*****	*****
0.525	*****	-1.2956	-1.3932	-1.2302	-1.1173	*****	*****	*****	*****	*****
0.550	-1.5199	-1.4614	-1.4919	-1.3313	-1.1975	*****	*****	*****	*****	*****
0.575	*****	-1.5512	-1.5654	-1.4258	-0.8433	*****	*****	*****	*****	*****
0.600	-1.7097	-1.6204	-1.6370	-1.5049	-0.7405	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4612	-1.5756	-0.7029	*****	*****	*****	*****	*****
0.650	-1.6943	-1.4085	-1.4282	-1.3335	-0.6734	*****	*****	*****	*****	*****
0.675	*****	-1.4087	-1.4274	-1.3082	-0.6126	*****	*****	*****	*****	*****
0.700	-1.6277	-1.4051	-1.4222	-1.2940	-0.5410	*****	*****	*****	*****	*****
0.725	*****	-1.4159	*****	-1.2833	-0.4889	*****	*****	*****	*****	*****
0.750	-1.5810	-1.4425	*****	-1.2685	-0.4755	*****	*****	*****	*****	*****
0.775	*****	-1.4875	-1.4289	-1.2641	-0.5041	*****	*****	*****	*****	*****
0.800	-1.3798	-1.4758	-1.4355	-1.2704	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4122	-1.4206	-1.2592	-0.5951	*****	*****	*****	*****	*****
0.850	-1.3333	-1.3566	-1.3700	-1.2725	-0.5640	*****	*****	*****	*****	*****
0.875	*****	-1.3342	-1.3191	-1.1974	-0.5581	*****	*****	*****	*****	*****
0.900	-1.3095	-1.3370	-1.2962	-1.0911	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3404	-1.2908	-1.0169	-0.5542	*****	*****	*****	*****	*****
0.950	-1.2935	-1.3396	-1.2911	-1.0115	-0.4666	*****	*****	*****	*****	*****
0.975	*****	-1.3478	-1.2794	-1.0166	-0.4297	*****	*****	*****	*****	*****
1.000	-1.2864	-1.3452	-1.2881	-1.0064	-0.3959	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5590	0.4934	0.4761	*****	-0.4994	*****	*****	*****	*****	*****
-0.600	0.5578	0.4993	0.4347	0.2358	-0.5666	*****	*****	*****	*****	*****
-0.700	0.5610	0.5004	0.4291	0.2633	-0.5431	*****	*****	*****	*****	*****
-0.800	*****	0.4966	0.4280	0.2773	-0.5030	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4163	0.2940	-0.4189	*****	*****	*****	*****	*****
-0.900	0.4759	0.3924	0.4007	0.2917	-0.3842	*****	*****	*****	*****	*****
-0.950	0.3973	0.1135	0.2141	0.1844	-0.1083	*****	*****	*****	*****	*****
-0.975	*****	0.0284	0.0296	0.0330	-0.0777	*****	*****	*****	*****	*****
-1.000	-1.2904	-1.3350	-1.2775	-0.9995	-0.4395	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 52, Point No. = 1133
 $C_N = 1.136$, $C_m = -0.1821$
 $\alpha = 22.6^\circ$, $M_\infty = 0.851$
 $R_{mac} = 60.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2115	*****
0.20	-1.2864	-1.2904
0.30	-1.2924	*****
0.40	-1.3452	-1.3350
0.50	-1.3038	*****
0.60	-1.2881	-1.2775
0.70	-1.0072	*****
0.80	-1.0064	-0.9995
0.90	-0.4986	*****
0.95	-0.3959	-0.4395

Surface Pressures

● upper, starboard
 ○ lower, port

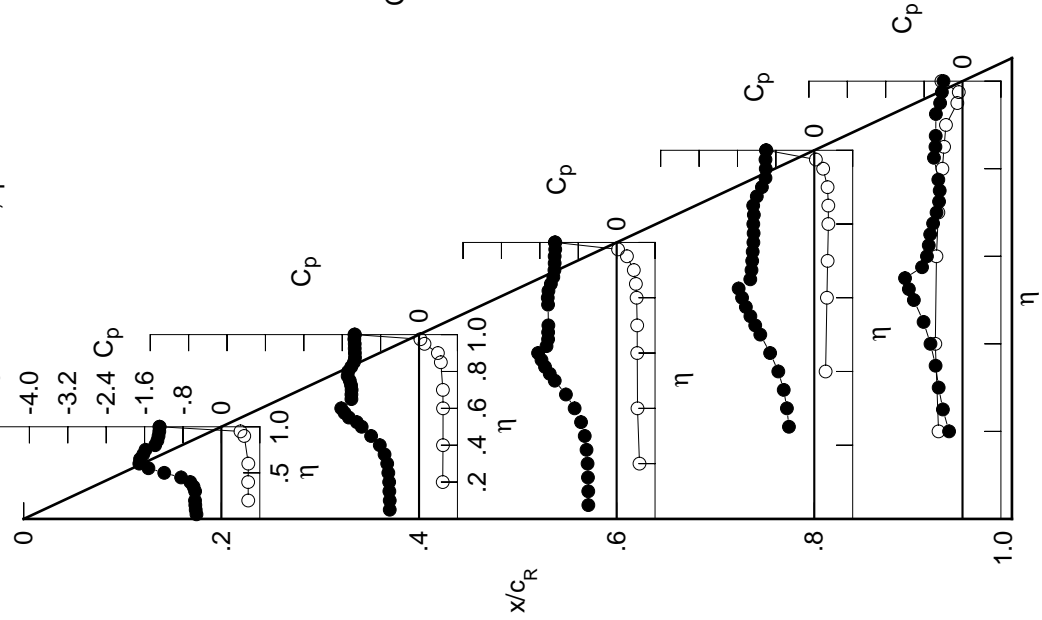


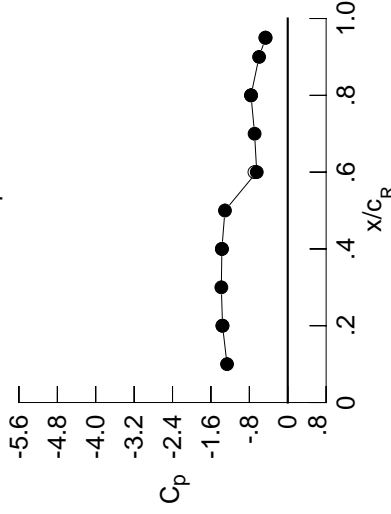
Table C5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6001	-0.6537	0.0357	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6100	-0.6586	0.0224	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6178	-0.6655	0.0075	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6305	-0.6784	-0.0153	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.7100	-0.0573	-0.7721	-0.6442	*****	*****	*****	*****	*****
0.300	-0.6528	-0.7557	-0.1285	-0.8050	-0.7039	*****	*****	*****	*****	*****
0.350	-0.7238	-0.8471	-0.2494	-0.8536	-0.7570	*****	*****	*****	*****	*****
0.400	-0.8596	-0.9875	-0.4400	-0.8848	-0.8138	*****	*****	*****	*****	*****
0.450	-1.0997	-1.1872	-0.6679	-0.9119	-0.8235	*****	*****	*****	*****	*****
0.500	-1.3910	-1.3484	-0.9728	-0.9196	-0.7890	*****	*****	*****	*****	*****
0.525	*****	-1.4221	-1.1069	-0.9167	-0.7945	*****	*****	*****	*****	*****
0.550	-1.6205	-1.5655	-1.2220	-0.9069	-0.7701	*****	*****	*****	*****	*****
0.575	*****	-1.6292	-1.3190	-0.9208	-0.7786	*****	*****	*****	*****	*****
0.600	-1.5904	-1.6766	-1.4052	-0.9339	-0.7681	*****	*****	*****	*****	*****
0.625	*****	*****	-1.3111	-0.9282	-0.7690	*****	*****	*****	*****	*****
0.650	-1.5498	-1.4853	-1.1300	-0.9170	-0.7686	*****	*****	*****	*****	*****
0.675	*****	-1.4860	-1.0588	-0.9084	-0.7562	*****	*****	*****	*****	*****
0.700	-1.5782	-1.4738	-1.0021	-0.8898	-0.7490	*****	*****	*****	*****	*****
0.725	*****	-1.4769	*****	-0.8809	-0.7408	*****	*****	*****	*****	*****
0.750	-1.6453	-1.4924	*****	-0.8485	-0.7246	*****	*****	*****	*****	*****
0.775	*****	-1.5237	-0.8506	-0.8457	-0.7081	*****	*****	*****	*****	*****
0.800	-1.5551	-1.5211	-0.8240	-0.8359	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4678	-0.8341	-0.8320	-0.6699	*****	*****	*****	*****	*****
0.850	-1.3640	-1.4116	-0.8213	-0.8262	-0.6427	*****	*****	*****	*****	*****
0.875	*****	-1.3807	-0.7585	-0.8234	-0.6187	*****	*****	*****	*****	*****
0.900	-1.3622	-1.3733	-0.6871	-0.8177	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3729	-0.6443	-0.7995	-0.5899	*****	*****	*****	*****	*****
0.950	-1.3614	-1.3714	-0.6290	-0.7891	-0.5317	*****	*****	*****	*****	*****
0.975	*****	-1.3766	-0.6144	-0.7791	-0.4980	*****	*****	*****	*****	*****
1.000	-1.3582	-1.3717	-0.6460	-0.7651	-0.4599	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.6127	0.5407	0.5110	*****	-0.5002	*****	*****	*****	*****	*****
-0.600	0.6112	0.5455	0.4736	0.2580	-0.5671	*****	*****	*****	*****	*****
-0.700	0.6086	0.5444	0.4678	0.2852	-0.5427	*****	*****	*****	*****	*****
-0.800	*****	0.5378	0.4664	0.2977	-0.5039	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4536	0.3117	-0.4233	*****	*****	*****	*****	*****
-0.900	*****	0.4795	0.4370	0.3087	-0.3915	*****	*****	*****	*****	*****
-0.950	0.4968	0.4061	0.3905	0.2896	-0.3547	*****	*****	*****	*****	*****
-0.975	0.4081	0.1345	0.2449	0.1948	-0.1303	*****	*****	*****	*****	*****
-1.000	*****	0.0105	0.0655	0.0460	-0.1105	*****	*****	*****	*****	*****
-1.000	-1.3615	-1.3714	-0.6933	-0.7638	-0.4670	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 52, Point No. = 1134
 $C_N = 1.105$, $C_m = -0.1696$
 $\alpha = 24.5^\circ$, $M_\infty = 0.850$
 $R_{mac} = 60.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2650	*****
0.20	-1.3582	-1.3615
0.30	-1.3833	*****
0.40	-1.3717	-1.3714
0.50	-1.3081	*****
0.60	-0.6460	-0.6933
0.70	-0.6907	*****
0.80	-0.7651	-0.7638
0.90	-0.5972	*****
0.95	-0.4599	-0.4670

Surface Pressures

● upper, starboard
 ○ lower, port

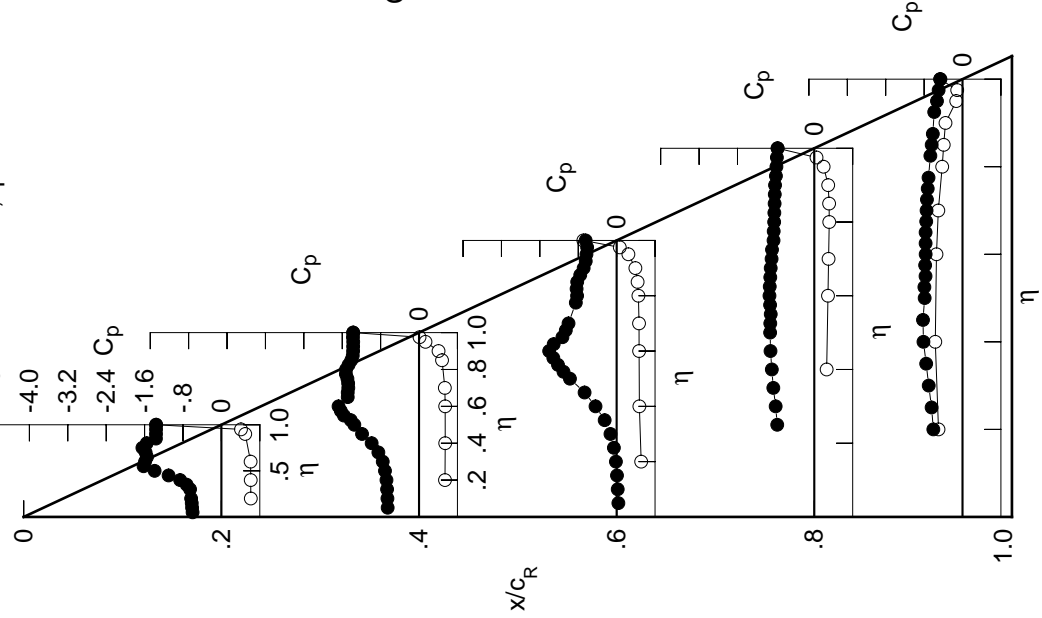
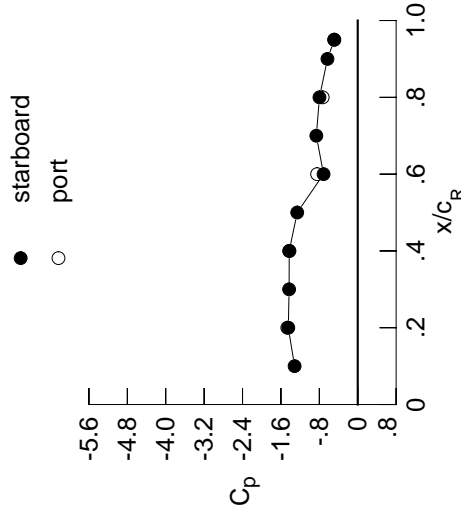


Table C5. Continued.

η	x/c_R .2	$C_{p,u}$	x/c_R .4	$C_{p,u}$	x/c_R .6	$C_{p,u}$	x/c_R .8	$C_{p,u}$	x/c_R .95	$C_{p,u}$
0.050		-0.6955	-0.7209	-0.0543	*****	*****	*****	*****	*****	*****
0.100		-0.6788	-0.7250	-0.0608	*****	*****	*****	*****	*****	*****
0.150		-0.6883	-0.7338	-0.0669	*****	*****	*****	*****	*****	*****
0.200		-0.7148	-0.7532	-0.0826	*****	*****	*****	*****	*****	-0.7155
0.250		*****	-0.8017	-0.1263	-1.0873	-1.0873	-1.0873	-1.0873	-1.0873	-0.8043
0.300		-0.7931	-0.8706	-0.1998	-1.0869	-1.0869	-1.0869	-1.0869	-1.0869	-0.8733
0.350		-0.9095	-0.9873	-0.3276	-1.0650	-1.0650	-1.0650	-1.0650	-1.0650	-0.8734
0.400		-1.0867	-1.1440	-0.5215	-1.0155	-1.0155	-1.0155	-1.0155	-1.0155	-0.8409
0.450		-1.3095	-1.3351	-0.7383	-0.9416	-0.9416	-0.9416	-0.9416	-0.9416	-0.7991
0.500		-1.5292	-1.4645	-1.0073	-0.8886	-0.8886	-0.8886	-0.8886	-0.8886	-0.7774
0.525		*****	-1.5216	-1.1213	-0.8928	-0.8928	-0.8928	-0.8928	-0.8928	-0.7988
0.550		-1.6922	-1.6453	-1.2144	-0.9019	-0.9019	-0.9019	-0.9019	-0.9019	-0.7942
0.575		*****	-1.6951	-1.2884	-0.9333	-0.9333	-0.9333	-0.9333	-0.9333	-0.8133
0.600		-1.5453	-1.7033	-1.3476	-0.9583	-0.9583	-0.9583	-0.9583	-0.9583	-0.8072
0.625		*****	*****	-1.1985	-0.9664	-0.9664	-0.9664	-0.9664	-0.9664	-0.8131
0.650		-1.5538	-1.5456	-1.0224	-0.9740	-0.9740	-0.9740	-0.9740	-0.9740	-0.8105
0.675		*****	-1.5481	-0.9759	-0.9882	-0.9882	-0.9882	-0.9882	-0.9882	-0.7949
0.700		-1.5740	-1.5424	-0.9218	-0.9824	-0.9824	-0.9824	-0.9824	-0.9824	-0.7917
0.725		*****	-1.5450	*****	-0.9786	-0.9786	-0.9786	-0.9786	-0.9786	-0.7836
0.750		-1.6501	-1.5593	*****	-0.9478	-0.9478	-0.9478	-0.9478	-0.9478	-0.7698
0.775		*****	-1.5930	-0.7368	-0.9431	-0.9431	-0.9431	-0.9431	-0.9431	-0.7520
0.800		-1.5345	-1.6092	-0.7048	-0.9248	-0.9248	-0.9248	-0.9248	-0.9248	*****
0.825		*****	-1.5619	-0.6922	-0.9223	-0.9223	-0.9223	-0.9223	-0.9223	-0.7096
0.850		-1.4308	-1.4832	-0.7016	-0.9040	-0.9040	-0.9040	-0.9040	-0.9040	-0.6814
0.875		*****	-1.4304	-0.7125	-0.8874	-0.8874	-0.8874	-0.8874	-0.8874	-0.6561
0.900		-1.4600	-1.4207	-0.7069	-0.8727	-0.8727	-0.8727	-0.8727	-0.8727	*****
0.925		*****	-1.4263	-0.6871	-0.8548	-0.8548	-0.8548	-0.8548	-0.8548	-0.6244
0.950		-1.4534	-1.4289	-0.6823	-0.8408	-0.8408	-0.8408	-0.8408	-0.8408	-0.5737
0.975		*****	-1.4292	-0.6845	-0.8181	-0.8181	-0.8181	-0.8181	-0.8181	-0.5345
1.000		-1.4460	-1.4270	-0.7121	-0.7976	-0.7976	-0.7976	-0.7976	-0.7976	-0.4869
-0.200		$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400		0.6659	0.5869	0.5464	*****	*****	*****	*****	*****	-0.4797
-0.600		0.6631	0.5904	0.5085	0.2904	0.2904	0.2904	0.2904	0.2904	-0.5408
-0.700		0.6543	0.5855	0.5012	0.3152	0.3152	0.3152	0.3152	0.3152	-0.5167
-0.800		*****	0.5760	0.4985	0.3257	0.3257	0.3257	0.3257	0.3257	-0.4786
-0.850		*****	*****	0.4788	0.3366	0.3366	0.3366	0.3366	0.3366	-0.3979
-0.900		*****	0.4996	0.4546	0.3298	0.3298	0.3298	0.3298	0.3298	-0.3687
-0.950		0.5129	0.4139	0.3971	0.3022	0.3022	0.3022	0.3022	0.3022	-0.3318
-0.975		0.4126	0.0975	0.2300	0.1887	0.1887	0.1887	0.1887	0.1887	-0.1260
-1.000		*****	-0.0137	0.0322	0.0239	0.0239	0.0239	0.0239	0.0239	-0.1233
-1.000		-1.4668	-1.4229	-0.8467	-0.7295	-0.7295	-0.7295	-0.7295	-0.7295	-0.4910

Small Radius L.E.
 Run No. = 52, Point No. = 1135
 $C_N = 1.184$, $C_m = -0.1801$
 $\alpha = 26.5^\circ$, $M_\infty = 0.850$
 $R_{mac} = 60.1 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.3155	*****
0.20	-1.4460	-1.4668
0.30	-1.4299	*****
0.40	-1.4270	-1.4229
0.50	-1.2606	*****
0.60	-0.7121	-0.8467
0.70	-0.8624	*****
0.80	-0.7976	-0.7295
0.90	-0.6305	*****
0.95	-0.4869	-0.4910

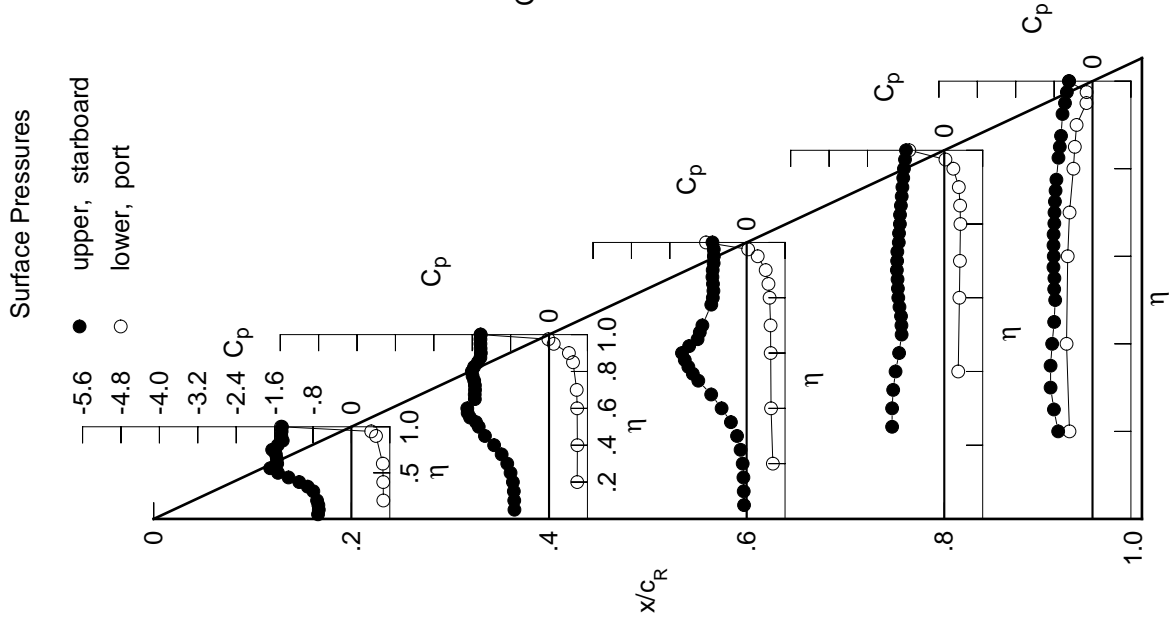


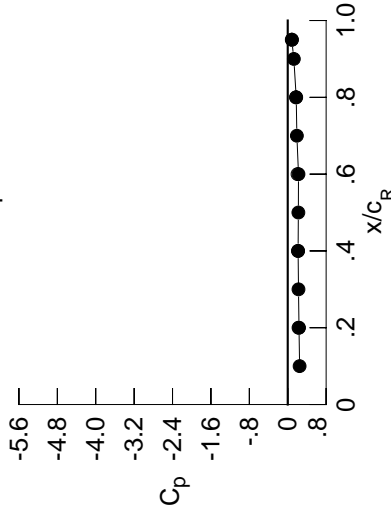
Table C5. Concluded.

η	x/c_R .2	$C_{p,u}$	x/c_R .4	$C_{p,u}$	x/c_R .6	$C_{p,u}$	x/c_R .8	$C_{p,u}$	x/c_R .95	$C_{p,u}$
0.050		-0.0082	0.0046	0.1337	*****	*****	*****	*****	*****	*****
0.100		-0.0044	0.0057	0.1236	*****	*****	*****	*****	*****	*****
0.150		-0.0073	0.0048	0.1114	*****	*****	*****	*****	*****	*****
0.200		-0.0094	0.0100	0.0996	*****	*****	*****	*****	*****	*****
0.250		*****	0.0060	0.0863	-0.1257	-0.4261	*****	*****	*****	*****
0.300		-0.0109	0.0061	0.0764	-0.1129	-0.5952	*****	*****	*****	*****
0.350		-0.0234	0.0036	0.0641	-0.1012	-0.7050	*****	*****	*****	*****
0.400		-0.0290	0.0027	0.0570	-0.0897	-0.7275	*****	*****	*****	*****
0.450		-0.0377	-0.0028	0.0644	-0.0825	-0.7020	*****	*****	*****	*****
0.500		-0.0411	-0.0013	0.0391	-0.0764	-0.6582	*****	*****	*****	*****
0.525		*****	-0.0053	0.0367	-0.0756	-0.6608	*****	*****	*****	*****
0.550		-0.0477	-0.0135	0.0335	-0.0712	-0.6462	*****	*****	*****	*****
0.575		*****	-0.0151	0.0388	-0.0732	-0.6523	*****	*****	*****	*****
0.600		-0.0491	-0.0182	0.0241	-0.0722	-0.6523	*****	*****	*****	*****
0.625		*****	*****	0.0250	-0.0693	-0.6641	*****	*****	*****	*****
0.650		-0.0476	-0.0241	0.0201	-0.0675	-0.6967	*****	*****	*****	*****
0.675		*****	-0.0302	0.0113	-0.0714	-0.7064	*****	*****	*****	*****
0.700		-0.0405	-0.0381	0.0094	-0.0703	-0.7269	*****	*****	*****	*****
0.725		*****	-0.0446	*****	-0.0715	-0.7393	*****	*****	*****	*****
0.750		-0.0307	-0.0539	*****	-0.0708	-0.7399	*****	*****	*****	*****
0.775		*****	-0.0589	-0.0164	-0.0777	-0.7359	*****	*****	*****	*****
0.800		-0.0074	-0.0602	-0.0275	-0.0856	*****	*****	*****	*****	*****
0.825		*****	-0.0602	-0.0394	-0.0851	-0.7121	*****	*****	*****	*****
0.850		0.0235	-0.0533	-0.0481	-0.0989	-0.6854	*****	*****	*****	*****
0.875		*****	-0.0400	-0.0534	-0.1124	-0.7562	*****	*****	*****	*****
0.900		0.0670	-0.0178	-0.0480	-0.1168	*****	*****	*****	*****	*****
0.925		*****	0.0129	-0.0303	-0.1054	-0.9292	*****	*****	*****	*****
0.950		0.1056	0.0438	0.0065	-0.0744	-0.3375	*****	*****	*****	*****
0.975		*****	0.0896	0.0761	-0.0112	-0.1786	*****	*****	*****	*****
1.000		0.2348	0.2161	0.2243	0.1766	0.0839	*****	*****	*****	*****
-0.200		$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400		-0.0180	0.0038	0.1027	*****	-0.5849	*****	*****	*****	*****
-0.600		-0.0452	0.0008	0.0445	-0.1003	-0.6178	*****	*****	*****	*****
-0.700		-0.0696	-0.0197	0.0167	-0.0820	-0.6662	*****	*****	*****	*****
-0.800		*****	-0.0524	-0.0080	-0.0768	-0.7081	*****	*****	*****	*****
-0.850		*****	*****	-0.0488	-0.0927	-0.7163	*****	*****	*****	*****
-0.900		*****	-0.0746	-0.0719	-0.1206	-0.7225	*****	*****	*****	*****
-0.950		-0.0025	-0.0436	-0.0764	-0.1459	-0.5977	*****	*****	*****	*****
-0.975		0.0377	0.0249	-0.0192	-0.1057	-0.3631	*****	*****	*****	*****
-1.000		*****	0.0726	0.0375	-0.0372	-0.2101	*****	*****	*****	*****
		0.2247	0.2138	0.2044	0.1711	0.0890	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 52, Point No. = 1136
 $C_N = -0.007$, $C_m = -0.0016$
 $\alpha = -0.3^\circ$, $M_\infty = 0.848$
 $R_{mac} = 60.6 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2473	*****
0.20	0.2348	0.2247
0.30	0.2243	*****
0.40	0.2161	0.2138
0.50	0.2213	*****
0.60	0.2243	0.2044
0.70	0.1904	*****
0.80	0.1766	0.1711
0.90	0.1272	*****
0.95	0.0839	0.0890

Surface Pressures

● upper, starboard
 ○ lower, port

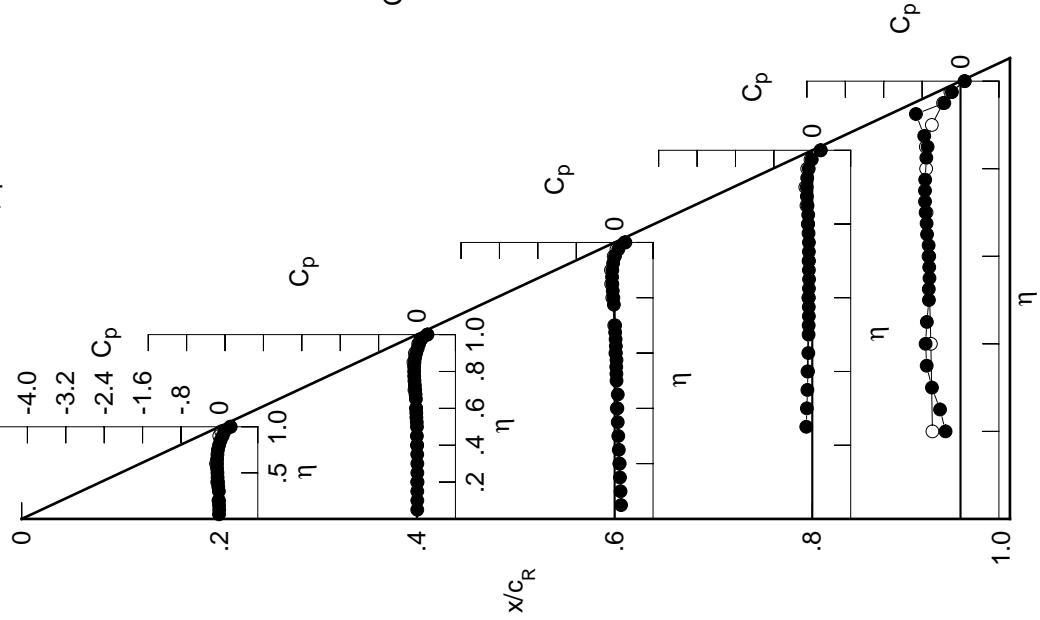
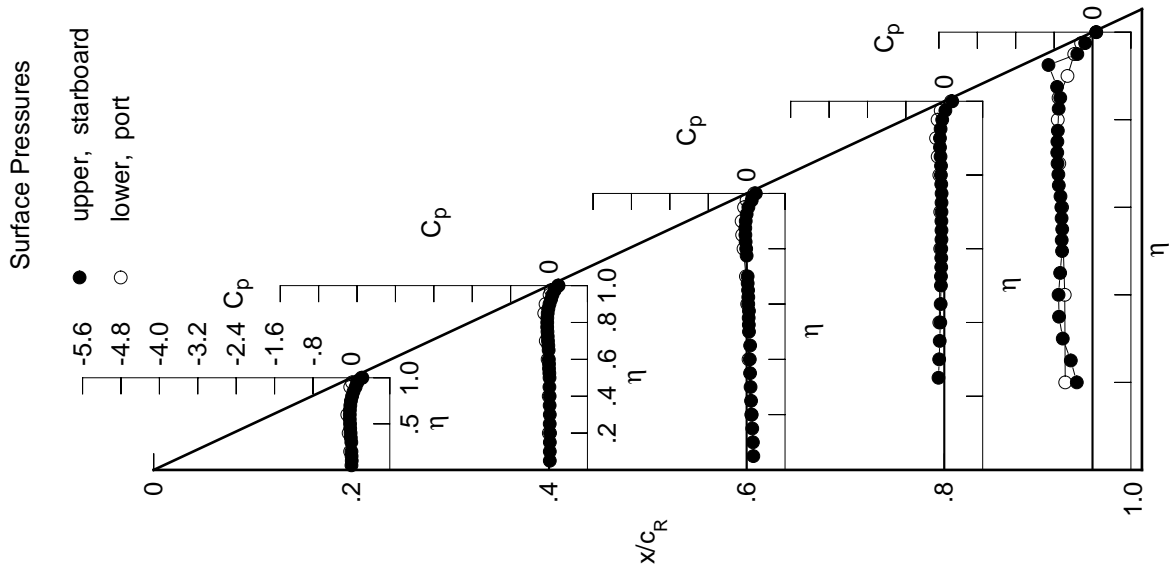


Table C6. Tabulations and Plots of Surface Pressure Coefficients.

η	x/c_R .2	$C_{p,u}$	x/c_R .4	$C_{p,u}$	x/c_R .6	$C_{p,u}$	x/c_R .8	$C_{p,u}$	x/c_R .95	$C_{p,u}$
0.050	0.0015	0.0162	0.1395	0.1395	0.1395	0.1395	0.1395	0.1395	0.1395	0.1395
0.100	0.0069	0.0163	0.1301	0.1301	0.1301	0.1301	0.1301	0.1301	0.1301	0.1301
0.150	0.0043	0.0169	0.1171	0.1171	0.1171	0.1171	0.1171	0.1171	0.1171	0.1171
0.200	0.0015	0.0206	0.1050	0.1050	0.1050	0.1050	0.1050	0.1050	0.1050	0.1050
0.250	0.0000	0.0142	0.0918	-0.1204	-0.1204	-0.1204	-0.1204	-0.1204	-0.1204	-0.1204
0.300	-0.0014	0.0157	0.0819	-0.1060	-0.1060	-0.1060	-0.1060	-0.1060	-0.1060	-0.1060
0.350	-0.0121	0.0127	0.0714	-0.0948	-0.0948	-0.0948	-0.0948	-0.0948	-0.0948	-0.0948
0.400	-0.0164	0.0126	0.0653	-0.0829	-0.0829	-0.0829	-0.0829	-0.0829	-0.0829	-0.0829
0.450	-0.0245	0.0078	0.0731	-0.0753	-0.0753	-0.0753	-0.0753	-0.0753	-0.0753	-0.0753
0.500	-0.0278	0.0101	0.0486	-0.0697	-0.0697	-0.0697	-0.0697	-0.0697	-0.0697	-0.0697
0.525	0.0000	0.0061	0.0458	-0.0684	-0.0684	-0.0684	-0.0684	-0.0684	-0.0684	-0.0684
0.550	-0.0337	-0.0007	0.0426	-0.0638	-0.0638	-0.0638	-0.0638	-0.0638	-0.0638	-0.0638
0.575	0.0000	-0.0008	0.0481	-0.0633	-0.0633	-0.0633	-0.0633	-0.0633	-0.0633	-0.0633
0.600	-0.0333	-0.0037	0.0334	-0.0633	-0.0633	-0.0633	-0.0633	-0.0633	-0.0633	-0.0633
0.625	0.0000	0.0000	0.0348	-0.0591	-0.0591	-0.0591	-0.0591	-0.0591	-0.0591	-0.0591
0.650	-0.0310	-0.0083	0.0294	-0.0583	-0.0583	-0.0583	-0.0583	-0.0583	-0.0583	-0.0583
0.675	0.0000	-0.0149	0.0218	-0.0601	-0.0601	-0.0601	-0.0601	-0.0601	-0.0601	-0.0601
0.700	-0.0221	-0.0221	0.0204	-0.0587	-0.0587	-0.0587	-0.0587	-0.0587	-0.0587	-0.0587
0.725	0.0000	-0.0273	0.0000	-0.0577	-0.0577	-0.0577	-0.0577	-0.0577	-0.0577	-0.0577
0.750	-0.0098	-0.0332	0.0000	-0.0563	-0.0563	-0.0563	-0.0563	-0.0563	-0.0563	-0.0563
0.775	0.0000	-0.0383	0.0003	-0.0636	-0.0636	-0.0636	-0.0636	-0.0636	-0.0636	-0.0636
0.800	0.0143	-0.0379	-0.0092	-0.0701	-0.0701	-0.0701	-0.0701	-0.0701	-0.0701	-0.0701
0.825	0.0000	-0.0361	-0.0206	-0.0684	-0.0684	-0.0684	-0.0684	-0.0684	-0.0684	-0.0684
0.850	0.0439	-0.0279	-0.0264	-0.0784	-0.0784	-0.0784	-0.0784	-0.0784	-0.0784	-0.0784
0.875	0.0000	-0.0136	-0.0282	-0.0893	-0.0893	-0.0893	-0.0893	-0.0893	-0.0893	-0.0893
0.900	0.0878	0.0096	-0.0190	-0.0900	-0.0900	-0.0900	-0.0900	-0.0900	-0.0900	-0.0900
0.925	0.0000	0.0418	-0.0002	-0.0764	-0.0764	-0.0764	-0.0764	-0.0764	-0.0764	-0.0764
0.950	0.1264	0.0714	0.0362	-0.0432	-0.0432	-0.0432	-0.0432	-0.0432	-0.0432	-0.0432
0.975	0.0000	0.1191	0.1054	0.0225	-0.1524	-0.1524	-0.1524	-0.1524	-0.1524	-0.1524
1.000	0.2288	0.1986	0.1916	0.1653	0.0758	0.0758	0.0758	0.0758	0.0758	0.0758
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0266	-0.0044	0.0973	0.0973	0.0973	0.0973	0.0973	0.0973	0.0973	0.0973
-0.400	-0.0579	-0.0067	0.0398	-0.1038	-0.1038	-0.1038	-0.1038	-0.1038	-0.1038	-0.1038
-0.600	-0.0855	-0.0287	0.0110	-0.0858	-0.0858	-0.0858	-0.0858	-0.0858	-0.0858	-0.0858
-0.700	0.0000	-0.0683	-0.0151	-0.0845	-0.0845	-0.0845	-0.0845	-0.0845	-0.0845	-0.0845
-0.800	0.0000	0.0000	-0.0652	-0.1035	-0.1035	-0.1035	-0.1035	-0.1035	-0.1035	-0.1035
-0.850	0.0000	-0.1000	-0.0935	-0.1378	-0.1378	-0.1378	-0.1378	-0.1378	-0.1378	-0.1378
-0.900	-0.0242	-0.0728	-0.1045	-0.1711	-0.1711	-0.1711	-0.1711	-0.1711	-0.1711	-0.1711
-0.950	0.0127	0.0112	-0.0536	-0.1392	-0.1392	-0.1392	-0.1392	-0.1392	-0.1392	-0.1392
-0.975	0.0000	0.0377	-0.0010	-0.0745	-0.0745	-0.0745	-0.0745	-0.0745	-0.0745	-0.0745
-1.000	0.2091	0.1878	0.1568	0.1412	0.0782	0.0782	0.0782	0.0782	0.0782	0.0782

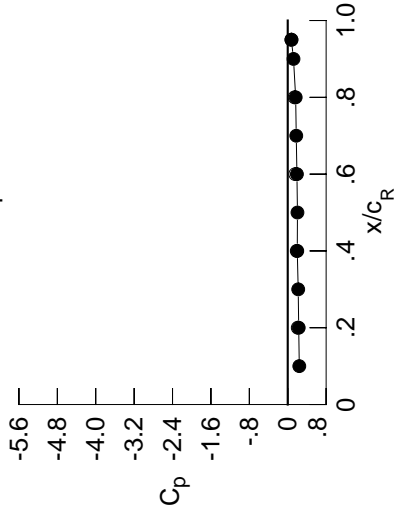
Small Radius L.E.
 Run No. = 51, Point No. = 1093
 $C_N = -0.031$, $C_m = 0.0042$
 $\alpha = -0.8^\circ$, $M_\infty = 0.850$
 $R_{mac} = 72.3 \times 10^6$

Surface Pressures
 ● upper, starboard
 ○ lower, port



Leading Edge Pressures

● starboard
 ○ port



starb'd port
 x/c_R C_p C_p
 0.10 0.2407 *****
 0.20 0.2288 0.2091
 0.30 0.2181 *****
 0.40 0.1986 0.1878
 0.50 0.2026 *****
 0.60 0.1916 0.1568
 0.70 0.1774 *****
 0.80 0.1653 0.1412
 0.90 0.1202 *****
 0.95 0.0758 0.0782

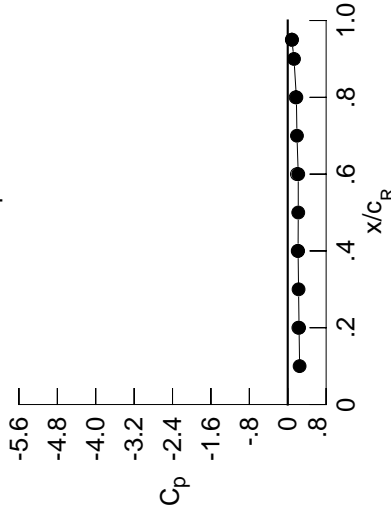
Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0033	0.0112	0.1369	*****	*****	*****	*****	*****	*****	
0.100	0.0016	0.0112	0.1270	*****	*****	*****	*****	*****	*****	
0.150	-0.0012	0.0120	0.1142	*****	*****	*****	*****	*****	*****	
0.200	-0.0042	0.0151	0.1025	*****	*****	*****	*****	*****	*****	
0.250	*****	0.0096	0.0887	-0.1233	-0.4446	*****	*****	*****	*****	
0.300	-0.0068	0.0103	0.0791	-0.1092	-0.6186	*****	*****	*****	*****	
0.350	-0.0180	0.0075	0.0683	-0.0975	-0.6999	*****	*****	*****	*****	
0.400	-0.0231	0.0071	0.0613	-0.0857	-0.7087	*****	*****	*****	*****	
0.450	-0.0320	0.0026	0.0686	-0.0784	-0.6748	*****	*****	*****	*****	
0.500	-0.0354	0.0047	0.0444	-0.0727	-0.6220	*****	*****	*****	*****	
0.525	*****	-0.0001	0.0411	-0.0715	-0.6249	*****	*****	*****	*****	
0.550	-0.0423	-0.0070	0.0377	-0.0669	-0.6074	*****	*****	*****	*****	
0.575	*****	-0.0078	0.0434	-0.0672	-0.6117	*****	*****	*****	*****	
0.600	-0.0426	-0.0104	0.0284	-0.0674	-0.6064	*****	*****	*****	*****	
0.625	*****	*****	0.0303	-0.0631	-0.6187	*****	*****	*****	*****	
0.650	-0.0405	-0.0160	0.0239	-0.0622	-0.6544	*****	*****	*****	*****	
0.675	*****	-0.0232	0.0157	-0.0651	-0.6680	*****	*****	*****	*****	
0.700	-0.0325	-0.0300	0.0138	-0.0635	-0.6941	*****	*****	*****	*****	
0.725	*****	-0.0368	*****	-0.0630	-0.7161	*****	*****	*****	*****	
0.750	-0.0208	-0.0433	*****	-0.0622	-0.7263	*****	*****	*****	*****	
0.775	*****	-0.0498	-0.0079	-0.0702	-0.7234	*****	*****	*****	*****	
0.800	0.0033	-0.0500	-0.0178	-0.0778	*****	*****	*****	*****	*****	
0.825	*****	-0.0498	-0.0311	-0.0767	-0.7055	*****	*****	*****	*****	
0.850	0.0313	-0.0415	-0.0385	-0.0889	-0.6777	*****	*****	*****	*****	
0.875	*****	-0.0287	-0.0424	-0.1016	-0.7338	*****	*****	*****	*****	
0.900	0.0761	-0.0052	-0.0351	-0.1041	*****	*****	*****	*****	*****	
0.925	*****	0.0259	-0.0165	-0.0933	-0.9205	*****	*****	*****	*****	
0.950	0.1141	0.0551	0.0186	-0.0613	-0.3263	*****	*****	*****	*****	
0.975	*****	0.1034	0.0885	0.0033	-0.1671	*****	*****	*****	*****	
1.000	0.2360	0.2155	0.2190	0.1800	0.0856	*****	*****	*****	*****	
-0.200	-0.0184	0.0030	0.1032	*****	-0.5906	*****	*****	*****	*****	
-0.400	-0.0485	0.0017	0.0458	-0.0986	-0.6202	*****	*****	*****	*****	
-0.600	-0.0735	-0.0190	0.0185	-0.0783	-0.6202	*****	*****	*****	*****	
-0.700	*****	-0.0569	-0.0055	-0.0770	-0.6507	*****	*****	*****	*****	
-0.800	*****	*****	-0.0532	-0.0931	-0.7063	*****	*****	*****	*****	
-0.850	*****	-0.0818	-0.0788	-0.1253	-0.7091	*****	*****	*****	*****	
-0.900	-0.0087	-0.0524	-0.0853	-0.1531	-0.5453	*****	*****	*****	*****	
-0.950	0.0294	0.0214	-0.0304	-0.1155	-0.3665	*****	*****	*****	*****	
-0.975	*****	0.0617	0.0247	-0.0475	-0.2168	*****	*****	*****	*****	
-1.000	0.2216	0.2076	0.1909	0.1646	0.0890	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 51, Point No. = 1094
 $C_N = -0.016$, $C_m = 0.0013$
 $\alpha = -0.5^\circ$, $M_\infty = 0.850$
 $R_{mac} = 72.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2475	*****
0.20	0.2360	0.2216
0.30	0.2257	*****
0.40	0.2155	0.2076
0.50	0.2194	*****
0.60	0.2190	0.1909
0.70	0.1923	*****
0.80	0.1800	0.1646
0.90	0.1305	*****
0.95	0.0856	0.0890

Surface Pressures

● upper, starboard
 ○ lower, port

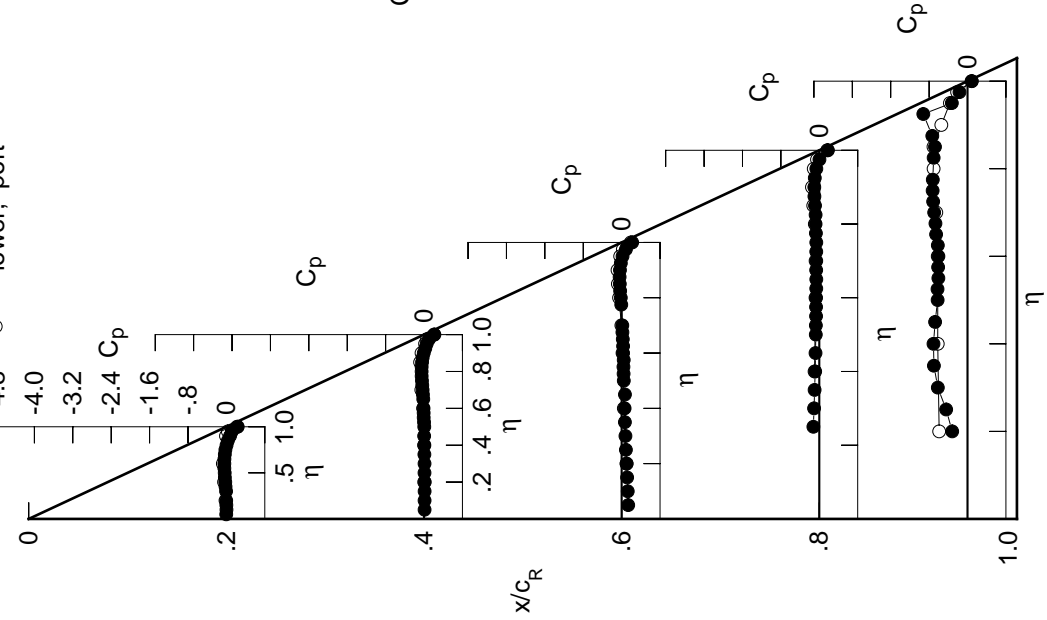


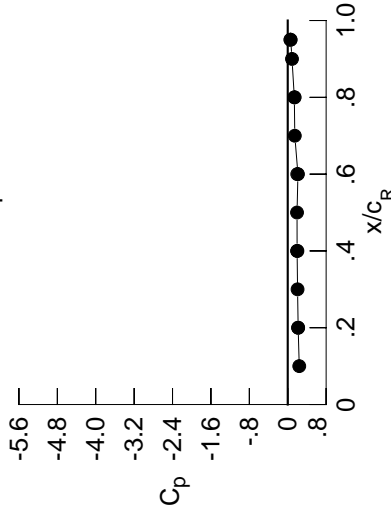
Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0234	-0.0065	0.1248	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0184	-0.0063	0.1155	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0209	-0.0056	0.1019	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0242	-0.0027	0.0904	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0085	0.0755	-0.1352	-0.4149	*****	*****	*****	*****	*****
0.300	-0.0260	-0.0085	0.0659	-0.1202	-0.5828	*****	*****	*****	*****	*****
0.350	-0.0393	-0.0115	0.0543	-0.1101	-0.6753	*****	*****	*****	*****	*****
0.400	-0.0459	-0.0121	0.0467	-0.0979	-0.6851	*****	*****	*****	*****	*****
0.450	-0.0560	-0.0182	0.0543	-0.0912	-0.6458	*****	*****	*****	*****	*****
0.500	-0.0610	-0.0169	0.0285	-0.0861	-0.5815	*****	*****	*****	*****	*****
0.525	*****	-0.0213	0.0250	-0.0850	-0.5839	*****	*****	*****	*****	*****
0.550	-0.0698	-0.0294	0.0207	-0.0812	-0.5622	*****	*****	*****	*****	*****
0.575	*****	-0.0313	0.0261	-0.0818	-0.5660	*****	*****	*****	*****	*****
0.600	-0.0725	-0.0349	0.0097	-0.0830	-0.5579	*****	*****	*****	*****	*****
0.625	*****	*****	0.0110	-0.0793	-0.5692	*****	*****	*****	*****	*****
0.650	-0.0730	-0.0418	0.0035	-0.0793	-0.6111	*****	*****	*****	*****	*****
0.675	*****	-0.0507	-0.0053	-0.0831	-0.6290	*****	*****	*****	*****	*****
0.700	-0.0674	-0.0598	-0.0089	-0.0813	-0.6597	*****	*****	*****	*****	*****
0.725	*****	-0.0687	*****	-0.0834	-0.6923	*****	*****	*****	*****	*****
0.750	-0.0575	-0.0778	*****	-0.0825	-0.7176	*****	*****	*****	*****	*****
0.775	*****	-0.0868	-0.0362	-0.0945	-0.7286	*****	*****	*****	*****	*****
0.800	-0.0355	-0.0906	-0.0502	-0.1030	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0936	-0.0677	-0.1045	-0.7100	*****	*****	*****	*****	*****
0.850	-0.0086	-0.0890	-0.0803	-0.1224	-0.6719	*****	*****	*****	*****	*****
0.875	*****	-0.0782	-0.0901	-0.1423	-0.6212	*****	*****	*****	*****	*****
0.900	0.0338	-0.0581	-0.0883	-0.1523	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0286	-0.0752	-0.1496	-0.9253	*****	*****	*****	*****	*****
0.950	0.0702	-0.0020	-0.0442	-0.1245	-0.3617	*****	*****	*****	*****	*****
0.975	*****	0.0434	0.0218	-0.0655	-0.2188	*****	*****	*****	*****	*****
1.000	0.2173	0.1952	0.2126	0.1373	0.0614	*****	*****	*****	*****	*****
-0.200	0.0016	0.0203	0.1162	*****	-0.6122	*****	*****	*****	*****	*****
-0.400	-0.0246	0.0213	0.0621	-0.0859	-0.6391	*****	*****	*****	*****	*****
-0.600	-0.0427	0.0060	0.0373	-0.0619	-0.6443	*****	*****	*****	*****	*****
-0.700	*****	-0.0261	0.0183	-0.0575	-0.6746	*****	*****	*****	*****	*****
-0.800	*****	*****	-0.0196	-0.0651	-0.7011	*****	*****	*****	*****	*****
-0.850	*****	-0.0347	-0.0364	-0.0905	-0.7114	*****	*****	*****	*****	*****
-0.900	0.0324	0.0002	-0.0325	-0.1043	-0.6289	*****	*****	*****	*****	*****
-0.950	0.0719	0.0473	0.0316	-0.0530	-0.3293	*****	*****	*****	*****	*****
-0.975	*****	0.1185	0.0902	0.0182	-0.1663	*****	*****	*****	*****	*****
-1.000	0.2157	0.2012	0.1976	0.1440	0.0543	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 51, Point No. = 1095
 $C_N = 0.025$, $C_m = -0.0057$
 $\alpha = 0.6^\circ$, $M_\infty = 0.850$
 $R_{mac} = 72.3 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	0.2399	*****
0.20	0.2173	0.2157
0.30	0.2048	*****
0.40	0.1952	0.2012
0.50	0.1938	*****
0.60	0.2126	0.1976
0.70	0.1472	*****
0.80	0.1373	0.1440
0.90	0.0889	*****
0.95	0.0614	0.0543

Surface Pressures

- upper, starboard
- lower, port

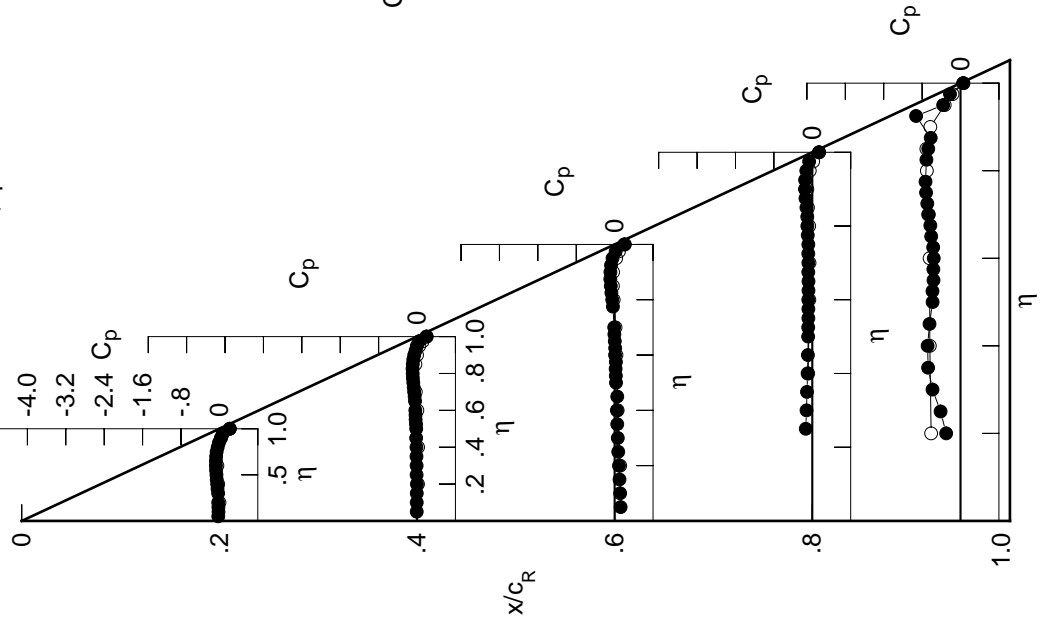
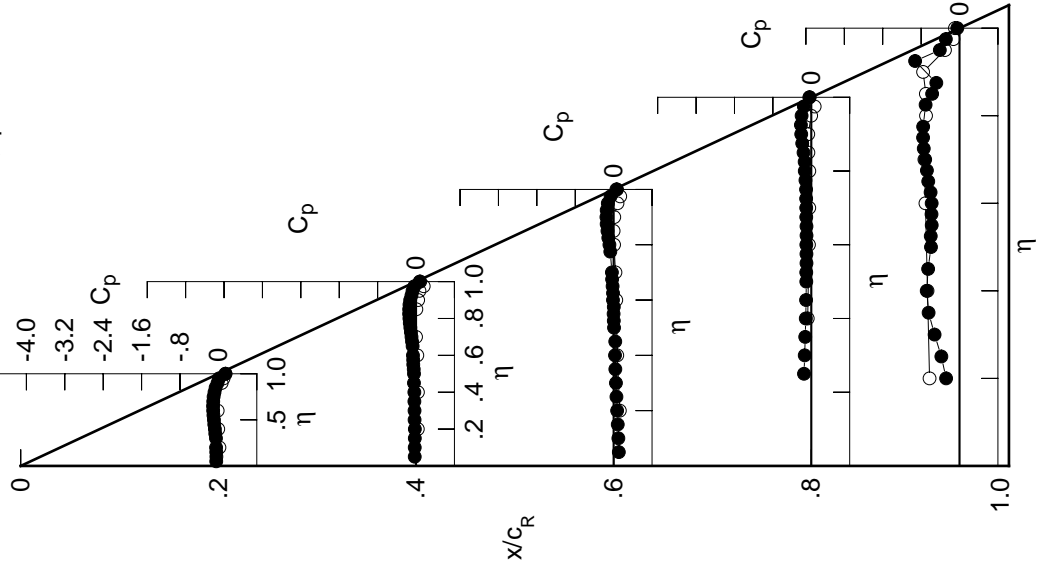


Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0445	-0.0270	0.1082	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0416	-0.0274	0.0982	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0450	-0.0258	0.0855	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0481	-0.0247	0.0728	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0305	0.0583	-0.1516	-0.3783	*****	*****	*****	*****	*****
0.300	-0.0503	-0.0313	0.0480	-0.1371	-0.5192	*****	*****	*****	*****	*****
0.350	-0.0649	-0.0344	0.0354	-0.1267	-0.6437	*****	*****	*****	*****	*****
0.400	-0.0728	-0.0354	0.0289	-0.1149	-0.6832	*****	*****	*****	*****	*****
0.450	-0.0852	-0.0435	0.0340	-0.1087	-0.6539	*****	*****	*****	*****	*****
0.500	-0.0928	-0.0424	0.0078	-0.1040	-0.5946	*****	*****	*****	*****	*****
0.525	*****	-0.0480	0.0033	-0.1044	-0.5991	*****	*****	*****	*****	*****
0.550	-0.1031	-0.0572	-0.0010	-0.0997	-0.5795	*****	*****	*****	*****	*****
0.575	*****	-0.0594	0.0031	-0.1008	-0.5833	*****	*****	*****	*****	*****
0.600	-0.1086	-0.0639	-0.0136	-0.1032	-0.5802	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0129	-0.0994	-0.6020	*****	*****	*****	*****	*****
0.650	-0.1112	-0.0709	-0.0216	-0.1002	-0.6511	*****	*****	*****	*****	*****
0.675	*****	-0.0829	-0.0317	-0.1052	-0.6789	*****	*****	*****	*****	*****
0.700	-0.1073	-0.0943	-0.0356	-0.1054	-0.7153	*****	*****	*****	*****	*****
0.725	*****	-0.1064	*****	-0.1069	-0.7445	*****	*****	*****	*****	*****
0.750	-0.1000	-0.1182	*****	-0.1092	-0.7595	*****	*****	*****	*****	*****
0.775	*****	-0.1300	-0.0699	-0.1215	-0.7579	*****	*****	*****	*****	*****
0.800	-0.0806	-0.1381	-0.0880	-0.1356	*****	*****	*****	*****	*****	*****
0.825	*****	-0.1441	-0.1109	-0.1383	-0.7060	*****	*****	*****	*****	*****
0.850	-0.0576	-0.1436	-0.1288	-0.1619	-0.5706	*****	*****	*****	*****	*****
0.875	*****	-0.1367	-0.1458	-0.1886	-0.4833	*****	*****	*****	*****	*****
0.900	-0.0175	-0.1216	-0.1503	-0.2094	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0953	-0.1446	-0.2157	-0.9248	*****	*****	*****	*****	*****
0.950	0.0139	-0.0732	-0.1219	-0.2014	-0.4101	*****	*****	*****	*****	*****
0.975	*****	-0.0340	-0.0631	-0.1543	-0.2845	*****	*****	*****	*****	*****
1.000	0.1469	0.0764	0.0696	-0.0349	-0.0461	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0214	0.0370	0.1291	*****	-0.6243	*****	*****	*****	*****	*****
-0.600	-0.0034	0.0393	0.0750	-0.0744	-0.6668	*****	*****	*****	*****	*****
-0.700	-0.0152	0.0266	0.0541	-0.0488	-0.7097	*****	*****	*****	*****	*****
-0.800	*****	0.0001	0.0380	-0.0421	-0.7313	*****	*****	*****	*****	*****
-0.850	*****	*****	0.0087	-0.0413	-0.6978	*****	*****	*****	*****	*****
-0.900	*****	0.0062	-0.0011	-0.0611	-0.7010	*****	*****	*****	*****	*****
-0.950	0.0683	0.0442	0.0125	-0.0633	-0.7586	*****	*****	*****	*****	*****
-0.975	0.1073	0.0712	0.0798	-0.0028	-0.3029	*****	*****	*****	*****	*****
-1.000	*****	0.1602	0.1367	0.0704	-0.1275	*****	*****	*****	*****	*****
	0.1475	0.0872	0.0570	-0.0385	-0.0953	*****	*****	*****	*****	*****

Surface Pressures

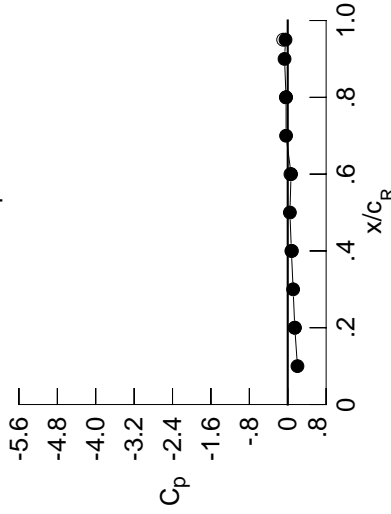
● upper, starboard
○ lower, port



Small Radius L.E.
Run No. = 51, Point No. = 1096
 $C_N = 0.067$, $C_m = -0.0121$
 $\alpha = 1.7^\circ$, $M_\infty = 0.849$
 $R_{mac} = 72.2 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2024	*****
0.20	0.1469	0.1475
0.30	0.1124	*****
0.40	0.0764	0.0872
0.50	0.0451	*****
0.60	0.0696	0.0570
0.70	-0.0343	*****
0.80	-0.0349	-0.0385
0.90	-0.0663	*****
0.95	-0.0461	-0.0953

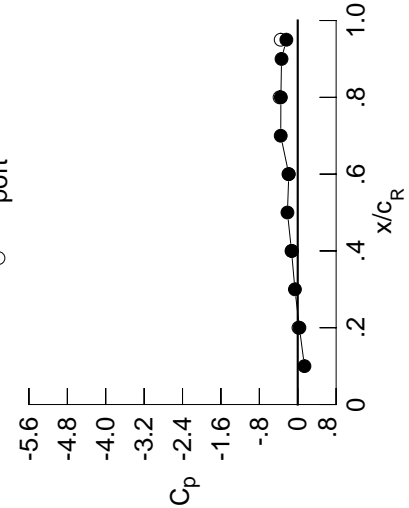
Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0626	-0.0427	0.0977	*****	*****	*****	*****	*****	*****	
0.100	-0.0598	-0.0435	0.0877	*****	*****	*****	*****	*****	*****	
0.150	-0.0633	-0.0426	0.0746	*****	*****	*****	*****	*****	*****	
0.200	-0.0668	-0.0405	0.0615	*****	*****	*****	*****	*****	*****	
0.250	*****	-0.0472	0.0473	-0.1624	-0.3570	*****	*****	*****	*****	
0.300	-0.0688	-0.0479	0.0363	-0.1478	-0.4959	*****	*****	*****	*****	
0.350	-0.0849	-0.0525	0.0233	-0.1375	-0.6586	*****	*****	*****	*****	
0.400	-0.0950	-0.0548	0.0154	-0.1257	-0.7296	*****	*****	*****	*****	
0.450	-0.1082	-0.0618	0.0205	-0.1208	-0.7151	*****	*****	*****	*****	
0.500	-0.1180	-0.0632	-0.0069	-0.1162	-0.6607	*****	*****	*****	*****	
0.525	*****	-0.0676	-0.0118	-0.1169	-0.6546	*****	*****	*****	*****	
0.550	-0.1305	-0.0783	-0.0165	-0.1131	-0.6280	*****	*****	*****	*****	
0.575	*****	-0.0818	-0.0139	-0.1150	-0.6221	*****	*****	*****	*****	
0.600	-0.1385	-0.0881	-0.0313	-0.1172	-0.6133	*****	*****	*****	*****	
0.625	*****	*****	-0.0318	-0.1154	-0.6290	*****	*****	*****	*****	
0.650	-0.1440	-0.0982	-0.0415	-0.1171	-0.6737	*****	*****	*****	*****	
0.675	*****	-0.1123	-0.0530	-0.1227	-0.6986	*****	*****	*****	*****	
0.700	-0.1437	-0.1259	-0.0589	-0.1246	-0.7323	*****	*****	*****	*****	
0.725	*****	-0.1402	*****	-0.1276	-0.7572	*****	*****	*****	*****	
0.750	-0.1402	-0.1549	*****	-0.1319	-0.7711	*****	*****	*****	*****	
0.775	*****	-0.1713	-0.1006	-0.1465	-0.7680	*****	*****	*****	*****	
0.800	-0.1241	-0.1834	-0.1230	-0.1631	*****	*****	*****	*****	*****	
0.825	*****	-0.1933	-0.1503	-0.1691	-0.6414	*****	*****	*****	*****	
0.850	-0.1036	-0.1972	-0.1759	-0.1996	-0.4642	*****	*****	*****	*****	
0.875	*****	-0.1949	-0.1999	-0.2347	-0.4193	*****	*****	*****	*****	
0.900	-0.0673	-0.1848	-0.2140	-0.2659	*****	*****	*****	*****	*****	
0.925	*****	-0.1632	-0.2167	-0.2838	-0.7950	*****	*****	*****	*****	
0.950	-0.0435	-0.1482	-0.2035	-0.2820	-0.4579	*****	*****	*****	*****	
0.975	*****	-0.1209	-0.1592	-0.2526	-0.3574	*****	*****	*****	*****	
1.000	0.0350	-0.1297	-0.1862	-0.3509	-0.2366	*****	*****	*****	*****	
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.400	0.0425	0.0559	0.1437	*****	-0.6456	*****	*****	*****	*****	
-0.600	0.0213	0.0591	0.0905	-0.0610	-0.7450	*****	*****	*****	*****	
-0.700	0.0153	0.0513	0.0733	-0.0337	-0.7518	*****	*****	*****	*****	
-0.800	*****	0.0295	0.0612	-0.0231	-0.7315	*****	*****	*****	*****	
-0.850	*****	*****	0.0389	-0.0174	-0.6840	*****	*****	*****	*****	
-0.900	*****	0.0470	0.0350	-0.0303	-0.6803	*****	*****	*****	*****	
-0.950	0.1045	0.0860	0.0558	-0.0232	-0.7451	*****	*****	*****	*****	
-0.975	0.1419	0.0941	0.1230	0.0432	-0.2756	*****	*****	*****	*****	
-1.000	*****	0.1909	0.1744	0.1106	-0.0954	*****	*****	*****	*****	
	0.0150	-0.1213	-0.1930	-0.3780	-0.3553	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 51, Point No. = 1097
 $C_N = 0.110$, $C_m = -0.0200$
 $\alpha = 2.8^\circ$, $M_\infty = 0.849$
 $R_{mac} = 72.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1401	*****
0.20	0.0350	0.0150
0.30	-0.0587	*****
0.40	-0.1297	-0.1213
0.50	-0.2142	*****
0.60	-0.1862	-0.1930
0.70	-0.3540	*****
0.80	-0.3509	-0.3780
0.90	-0.3373	*****
0.95	-0.2366	-0.3553

Surface Pressures
 ● upper, starboard
 ○ lower, port

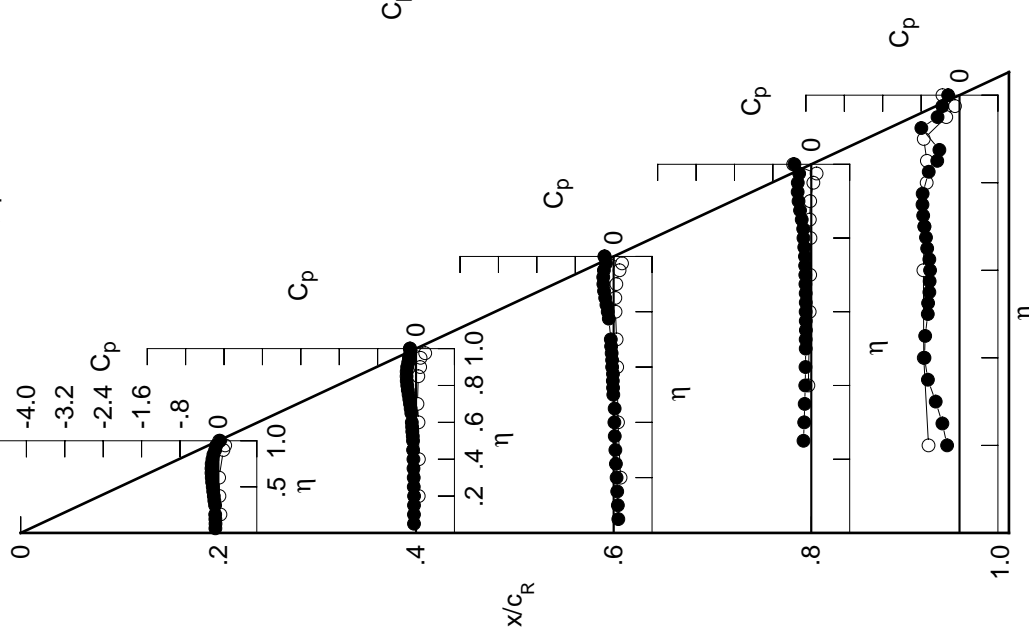


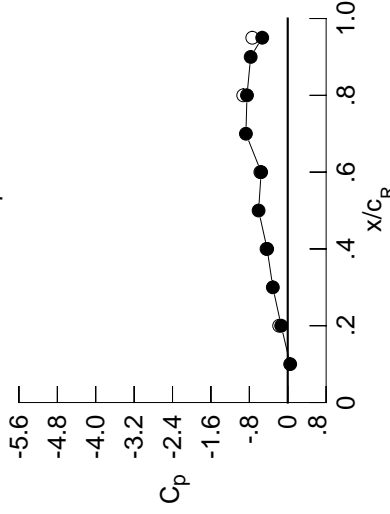
Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0806	-0.0589	0.0865	0.0865	0.0865	0.0865	0.0865	0.0865	0.0865	0.0865
0.100	-0.0775	-0.0599	0.0771	0.0771	0.0771	0.0771	0.0771	0.0771	0.0771	0.0771
0.150	-0.0814	-0.0591	0.0637	0.0637	0.0637	0.0637	0.0637	0.0637	0.0637	0.0637
0.200	-0.0856	-0.0573	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
0.250	*****	-0.0635	0.0356	-0.1739	-0.3412	0.0356	-0.1739	-0.3412	0.0356	-0.1739
0.300	-0.0876	-0.0650	0.0235	-0.1597	-0.4658	0.0235	-0.1597	-0.4658	0.0235	-0.1597
0.350	-0.1052	-0.0700	0.0103	-0.1490	-0.6306	0.0103	-0.1490	-0.6306	0.0103	-0.1490
0.400	-0.1164	-0.0728	0.0011	-0.1385	-0.7255	0.0011	-0.1385	-0.7255	0.0011	-0.1385
0.450	-0.1318	-0.0809	0.0056	-0.1335	-0.7251	0.0056	-0.1335	-0.7251	0.0056	-0.1335
0.500	-0.1433	-0.0830	-0.0222	-0.1300	-0.6800	-0.0222	-0.1300	-0.6800	-0.0222	-0.1300
0.525	*****	-0.0887	-0.0279	-0.1299	-0.6700	-0.0279	-0.1299	-0.6700	-0.0279	-0.1299
0.550	-0.1587	-0.1011	-0.0334	-0.1279	-0.6392	-0.0334	-0.1279	-0.6392	-0.0334	-0.1279
0.575	*****	-0.1052	-0.0317	-0.1303	-0.6275	-0.0317	-0.1303	-0.6275	-0.0317	-0.1303
0.600	-0.1693	-0.1122	-0.0499	-0.1332	-0.6163	-0.0499	-0.1332	-0.6163	-0.0499	-0.1332
0.625	*****	*****	-0.0506	-0.1323	-0.6309	-0.0506	-0.1323	-0.6309	-0.0506	-0.1323
0.650	-0.1779	-0.1257	-0.0618	-0.1345	-0.6738	-0.0618	-0.1345	-0.6738	-0.0618	-0.1345
0.675	*****	-0.1408	-0.0749	-0.1412	-0.7018	-0.0749	-0.1412	-0.7018	-0.0749	-0.1412
0.700	-0.1812	-0.1575	-0.0826	-0.1445	-0.7368	-0.0826	-0.1445	-0.7368	-0.0826	-0.1445
0.725	*****	-0.1747	*****	-0.1491	-0.7618	-0.1491	-0.7618	-0.7618	-0.1491	-0.7618
0.750	-0.1814	-0.1927	*****	-0.1547	-0.7743	-0.1547	-0.7743	-0.7743	-0.1547	-0.7743
0.775	*****	-0.2126	-0.1325	-0.1727	-0.7572	-0.1325	-0.1727	-0.7572	-0.1325	-0.1727
0.800	-0.1685	-0.2288	-0.1585	-0.1919	*****	-0.1585	-0.1919	*****	-0.1585	-0.1919
0.825	*****	-0.2442	-0.1916	-0.2005	-0.5587	-0.1916	-0.2005	-0.5587	-0.1916	-0.2005
0.850	-0.1529	-0.2537	-0.2234	-0.2378	-0.3953	-0.2234	-0.2378	-0.3953	-0.2234	-0.2378
0.875	*****	-0.2569	-0.2560	-0.2809	-0.3856	-0.2560	-0.2809	-0.3856	-0.2560	-0.2809
0.900	-0.1224	-0.2526	-0.2800	-0.3233	*****	-0.2800	-0.3233	*****	-0.2800	-0.3233
0.925	*****	-0.2371	-0.2929	-0.3556	-0.6131	-0.2371	-0.2929	-0.3556	-0.2371	-0.2929
0.950	-0.1085	-0.2317	-0.2927	-0.3690	-0.5118	-0.2317	-0.2927	-0.3690	-0.2317	-0.2927
0.975	*****	-0.2197	-0.2683	-0.3611	-0.4432	-0.2197	-0.2683	-0.3611	-0.2197	-0.2683
1.000	-0.1363	-0.4289	-0.5536	-0.8487	-0.5316	-0.4289	-0.5536	-0.8487	-0.4289	-0.5316
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0637	0.0740	0.1571	*****	-0.6334	0.0637	0.0740	0.1571	*****	-0.6334
-0.600	0.0450	0.0782	0.1060	-0.0464	-0.7461	0.0450	0.0782	0.1060	-0.0464	-0.7461
-0.700	0.0444	0.0744	0.0913	-0.0174	-0.7417	0.0444	0.0744	0.0913	-0.0174	-0.7417
-0.800	*****	0.0574	0.0824	-0.0058	-0.7170	0.0574	0.0824	-0.0058	-0.7170	-0.7170
-0.850	*****	*****	0.0667	0.0061	-0.6656	0.0667	0.0061	-0.6656	0.0667	0.0061
-0.900	*****	0.0844	0.0675	-0.0022	-0.6573	0.0844	0.0675	-0.0022	-0.6573	-0.6573
-0.950	0.1361	0.1236	0.0927	0.0128	-0.7056	0.1361	0.1236	0.0927	0.0128	-0.7056
-0.975	*****	0.1710	0.1125	0.1565	0.0812	-0.2517	0.1710	0.1125	0.1565	0.0812
-1.000	*****	0.2095	0.1976	0.1392	-0.0710	0.2095	0.1976	0.1392	-0.0710	-0.0710
-1.000	-0.1787	-0.4413	-0.5707	-0.9268	-0.7381	-0.1787	-0.4413	-0.5707	-0.9268	-0.7381

Small Radius L.E.
 Run No. = 51, Point No. = 1098
 $C_N = 0.149$, $C_m = -0.0249$
 $\alpha = 3.8^\circ$, $M_\infty = 0.851$
 $R_{mac} = 72.3 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.0508	*****
0.20	-0.1363	-0.1787
0.30	-0.3101	*****
0.40	-0.4289	-0.4413
0.50	-0.6068	*****
0.60	-0.5536	-0.5707
0.70	-0.8715	*****
0.80	-0.8487	-0.9268
0.90	-0.7722	*****
0.95	-0.5316	-0.7381

Surface Pressures

● upper, starboard
 ○ lower, port

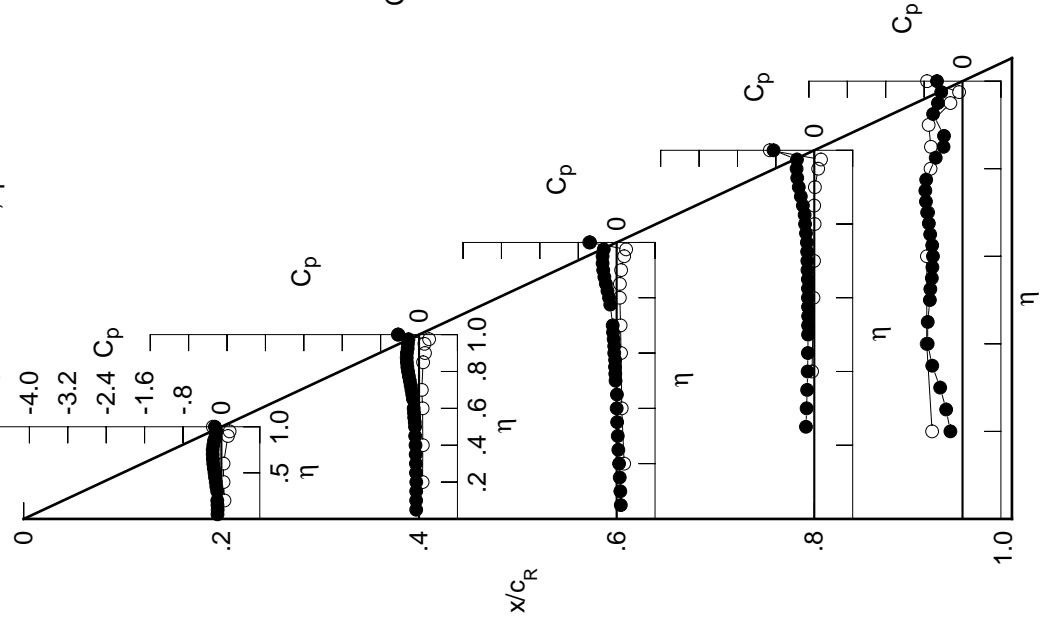


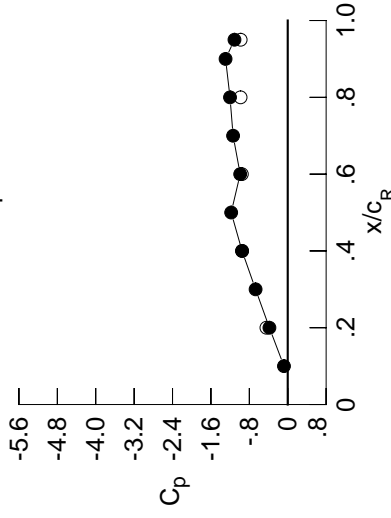
Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0983	-0.0742	0.0757	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0958	-0.0766	0.0654	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0996	-0.0764	0.0518	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1044	-0.0736	0.0385	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0805	0.0231	-0.1843	-0.3291	*****	*****	*****	*****	*****
0.300	-0.1062	-0.0825	0.0110	-0.1701	-0.4219	*****	*****	*****	*****	*****
0.350	-0.1252	-0.0881	-0.0024	-0.1609	-0.5309	*****	*****	*****	*****	*****
0.400	-0.1379	-0.0913	-0.0128	-0.1495	-0.6366	*****	*****	*****	*****	*****
0.450	-0.1552	-0.1005	-0.0084	-0.1458	-0.6610	*****	*****	*****	*****	*****
0.500	-0.1690	-0.1033	-0.0390	-0.1426	-0.6563	*****	*****	*****	*****	*****
0.525	*****	-0.1103	-0.0440	-0.1443	-0.6734	*****	*****	*****	*****	*****
0.550	-0.1868	-0.1240	-0.0512	-0.1417	-0.6589	*****	*****	*****	*****	*****
0.575	*****	-0.1278	-0.0498	-0.1443	-0.6524	*****	*****	*****	*****	*****
0.600	-0.2004	-0.1373	-0.0703	-0.1486	-0.6366	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0712	-0.1482	-0.6480	*****	*****	*****	*****	*****
0.650	-0.2127	-0.1533	-0.0845	-0.1528	-0.6824	*****	*****	*****	*****	*****
0.675	*****	-0.1711	-0.0979	-0.1615	-0.6758	*****	*****	*****	*****	*****
0.700	-0.2202	-0.1886	-0.1071	-0.1679	-0.6918	*****	*****	*****	*****	*****
0.725	*****	-0.2103	*****	-0.1741	-0.7074	*****	*****	*****	*****	*****
0.750	-0.2239	-0.2313	*****	-0.1840	-0.7097	*****	*****	*****	*****	*****
0.775	*****	-0.2555	-0.1665	-0.2046	-0.6623	*****	*****	*****	*****	*****
0.800	-0.2152	-0.2767	-0.1963	-0.2270	*****	*****	*****	*****	*****	*****
0.825	*****	-0.2977	-0.2350	-0.2393	-0.5103	*****	*****	*****	*****	*****
0.850	-0.2058	-0.3118	-0.2737	-0.2766	-0.3948	*****	*****	*****	*****	*****
0.875	*****	-0.3228	-0.3150	-0.3240	-0.3891	*****	*****	*****	*****	*****
0.900	-0.1827	-0.3258	-0.3497	-0.3787	*****	*****	*****	*****	*****	*****
0.925	*****	-0.3205	-0.3764	-0.4248	-0.5643	*****	*****	*****	*****	*****
0.950	-0.1817	-0.3257	-0.3907	-0.4582	-0.5791	*****	*****	*****	*****	*****
0.975	*****	-0.3345	-0.3942	-0.4762	-0.5399	*****	*****	*****	*****	*****
1.000	-0.3819	-0.9514	-0.9900	-1.2025	-1.1096	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0868	0.0938	0.1723	*****	-0.6141	*****	*****	*****	*****	*****
-0.600	0.0705	0.0989	0.1224	-0.0325	-0.7202	*****	*****	*****	*****	*****
-0.700	0.0735	0.0973	0.1109	-0.0004	-0.7269	*****	*****	*****	*****	*****
-0.800	*****	0.0852	0.1042	0.0134	-0.7045	*****	*****	*****	*****	*****
-0.850	*****	*****	0.0939	0.0282	-0.6488	*****	*****	*****	*****	*****
-0.900	*****	0.1190	0.0990	0.0246	-0.6378	*****	*****	*****	*****	*****
-0.950	0.1656	0.1574	0.1269	0.0443	-0.6714	*****	*****	*****	*****	*****
-0.975	0.1974	0.1265	0.1840	0.1101	-0.2347	*****	*****	*****	*****	*****
-1.000	*****	0.2178	0.2100	0.1548	-0.0581	*****	*****	*****	*****	*****
-1.000	-0.4437	-0.9510	-0.9557	-0.9827	-0.9805	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 51, Point No. = 1099
 $C_N = 0.194$, $C_m = -0.0335$
 $\alpha = 4.9^\circ$, $M_\infty = 0.849$
 $R_{mac} = 72.4 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.0785	*****
0.20	-0.3819	-0.4437
0.30	-0.6699	*****
0.40	-0.9514	-0.9510
0.50	-1.1783	*****
0.60	-0.9900	-0.9557
0.70	-1.1380	*****
0.80	-1.2025	-0.9827
0.90	-1.2950	*****
0.95	-1.1096	-0.9805

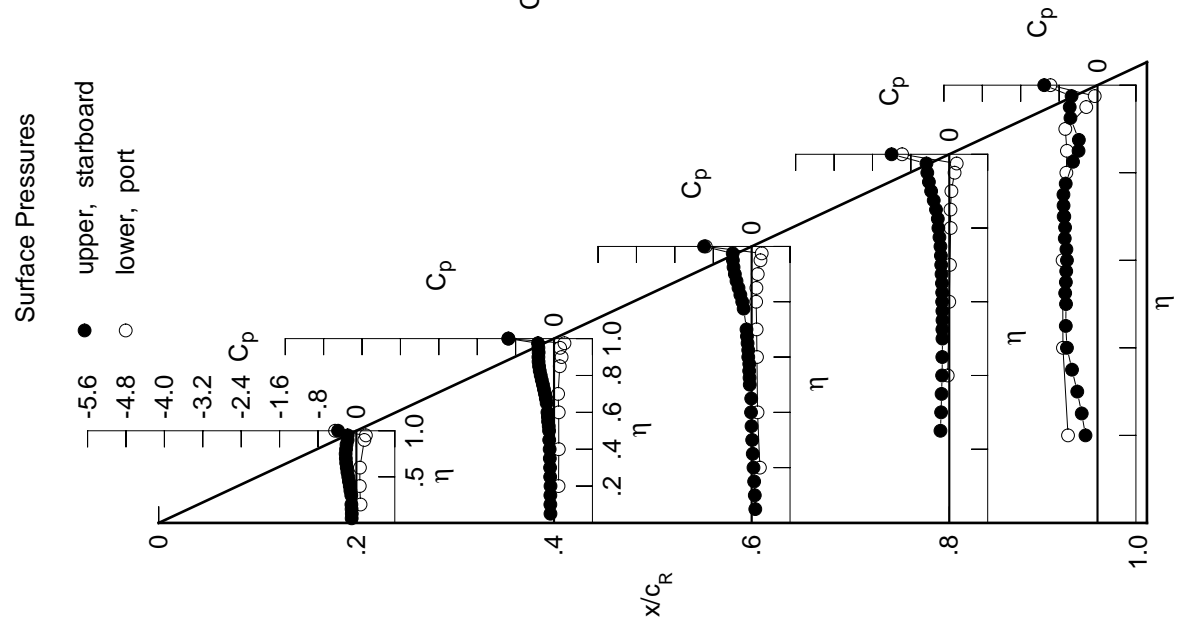
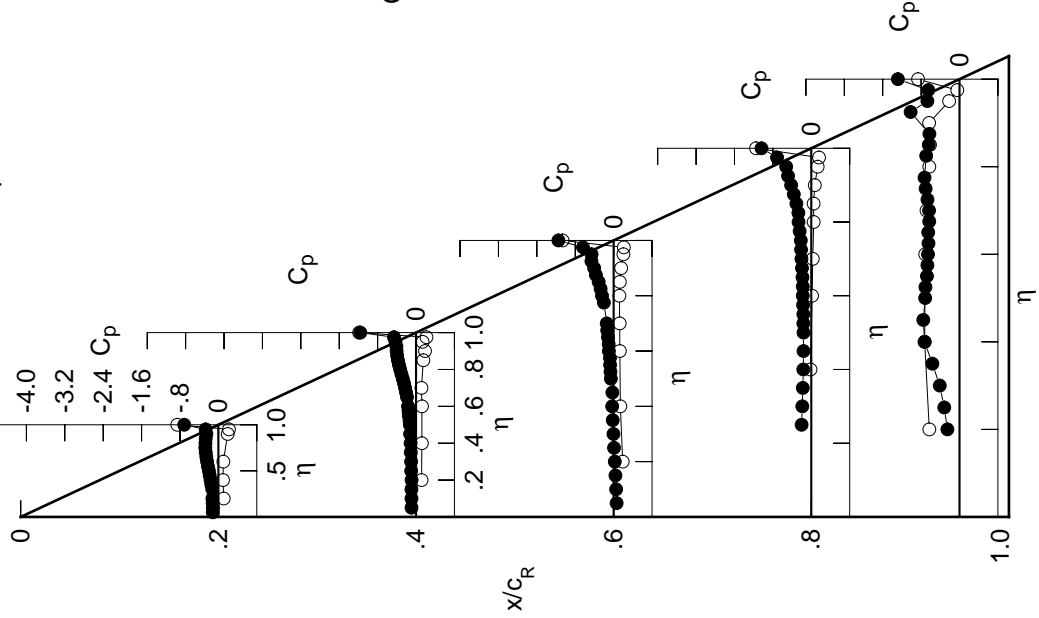


Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1170	-0.0941	0.0624	0.0624	0.0624	0.0624	0.0624	0.0624	0.0624	0.0624
0.100	-0.1144	-0.0953	0.0520	0.0520	0.0520	0.0520	0.0520	0.0520	0.0520	0.0520
0.150	-0.1198	-0.0958	0.0377	0.0377	0.0377	0.0377	0.0377	0.0377	0.0377	0.0377
0.200	-0.1244	-0.0926	0.0237	0.0237	0.0237	0.0237	0.0237	0.0237	0.0237	0.0237
0.250	*****	-0.1004	0.0082	-0.2019	-0.3177	0.0082	-0.2019	-0.3177	0.0082	-0.2520
0.300	-0.1271	-0.1031	-0.0043	-0.1873	-0.4114	-0.1271	-0.1031	-0.1873	-0.4114	-0.1271
0.350	-0.1476	-0.1096	-0.0188	-0.1769	-0.5651	-0.1476	-0.1096	-0.1769	-0.5651	-0.1476
0.400	-0.1626	-0.1135	-0.0301	-0.1663	-0.7277	-0.1626	-0.1135	-0.1663	-0.7277	-0.1626
0.450	-0.1814	-0.1241	-0.0262	-0.1619	-0.7544	-0.1814	-0.1241	-0.1619	-0.7544	-0.1814
0.500	-0.1974	-0.1277	-0.0579	-0.1624	-0.7152	-0.1974	-0.1277	-0.1624	-0.7152	-0.1974
0.525	*****	-0.1358	-0.0656	-0.1656	-0.7094	*****	-0.1358	-0.0656	-0.7094	*****
0.550	-0.2182	-0.1510	-0.0737	-0.1655	-0.6787	-0.2182	-0.1510	-0.0737	-0.1655	-0.6787
0.575	*****	-0.1565	-0.0756	-0.1708	-0.6691	*****	-0.1565	-0.0756	-0.1708	-0.6691
0.600	-0.2352	-0.1665	-0.0992	-0.1774	-0.6560	-0.2352	-0.1665	-0.0992	-0.1774	-0.6560
0.625	*****	*****	-0.1029	-0.1780	-0.6467	*****	*****	-0.1029	-0.1780	-0.6467
0.650	-0.2513	-0.1876	-0.1180	-0.1835	-0.6517	-0.2513	-0.1876	-0.1180	-0.1835	-0.6517
0.675	*****	-0.2076	-0.1336	-0.1936	-0.6301	*****	-0.2076	-0.1336	-0.1936	-0.6301
0.700	-0.2632	-0.2276	-0.1438	-0.2045	-0.6344	-0.2632	-0.2276	-0.1438	-0.2045	-0.6344
0.725	*****	-0.2506	*****	-0.2125	-0.6670	*****	-0.2506	*****	-0.2125	-0.6670
0.750	-0.2726	-0.2766	*****	-0.2188	-0.7055	-0.2726	-0.2766	*****	-0.2188	-0.7055
0.775	*****	-0.3041	-0.2030	-0.2423	-0.7291	*****	-0.3041	-0.2030	-0.2423	-0.7291
0.800	-0.2695	-0.3302	-0.2427	-0.2651	*****	-0.2695	-0.3302	-0.2427	-0.2651	*****
0.825	*****	-0.3562	-0.2715	-0.2687	-0.6932	*****	-0.3562	-0.2715	-0.2687	-0.6932
0.850	-0.2652	-0.3769	-0.3116	-0.3106	-0.6400	-0.2652	-0.3769	-0.3116	-0.3106	-0.6400
0.875	*****	-0.3934	-0.3694	-0.3640	-0.6275	*****	-0.3934	-0.3694	-0.3640	-0.6275
0.900	-0.2505	-0.4045	-0.4055	-0.4204	*****	-0.2505	-0.4045	-0.4055	-0.4204	*****
0.925	*****	-0.4086	-0.4632	-0.4837	-1.0186	*****	-0.4086	-0.4632	-0.4837	-1.0186
0.950	-0.2664	-0.4280	-0.4592	-0.5228	-0.6694	-0.2664	-0.4280	-0.4592	-0.5228	-0.6694
0.975	*****	-0.4598	-0.6385	-0.7127	-0.6501	*****	-0.4598	-0.6385	-0.7127	-0.6501
1.000	-0.7120	-1.1600	-1.1502	-1.0375	-1.2837	-0.7120	-1.1600	-1.1502	-1.0375	-1.2837
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1100	0.1153	0.1886	0.1886	0.1886	0.1100	0.1153	0.1886	0.1886	0.1886
-0.600	0.0960	0.1211	0.1398	-0.0171	-0.7259	0.0960	0.1211	0.1398	-0.0171	-0.7259
-0.700	0.1031	0.1229	0.1298	0.0157	-0.7142	0.1031	0.1229	0.1298	0.0157	-0.7142
-0.800	*****	0.1128	0.1259	0.0311	-0.6874	*****	0.1128	0.1259	0.0311	-0.6874
-0.850	*****	0.1518	0.1286	0.0497	-0.6293	*****	0.1518	0.1286	0.0497	-0.6293
-0.900	0.1936	0.1870	0.1568	0.0728	-0.6327	0.1936	0.1870	0.1568	0.0728	-0.6327
-0.950	0.2202	0.1356	0.2033	0.1320	-0.2169	0.2202	0.1356	0.2033	0.1320	-0.2169
-0.975	*****	0.2164	0.2119	0.1608	-0.0466	*****	0.2164	0.2119	0.1608	-0.0466
-1.000	-0.8559	-1.1858	-1.0634	-1.1507	-0.8642	-0.8559	-1.1858	-1.0634	-1.1507	-0.8642

Surface Pressures

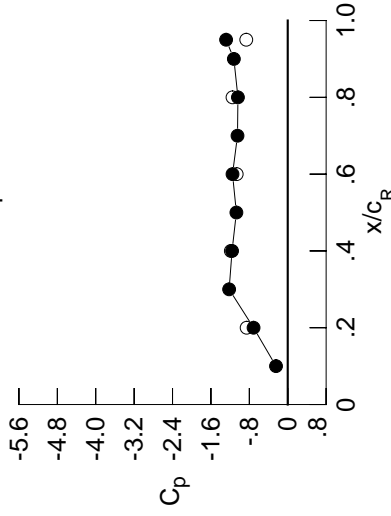
● upper, starboard
○ lower, port



Small Radius L.E.
Run No. = 51, Point No. = 1100
 $C_N = 0.246$, $C_m = -0.0447$
 $\alpha = 5.9^\circ$, $M_\infty = 0.850$
 $R_{mac} = 72.4 \times 10^6$

Leading Edge Pressures

● starboard
○ port

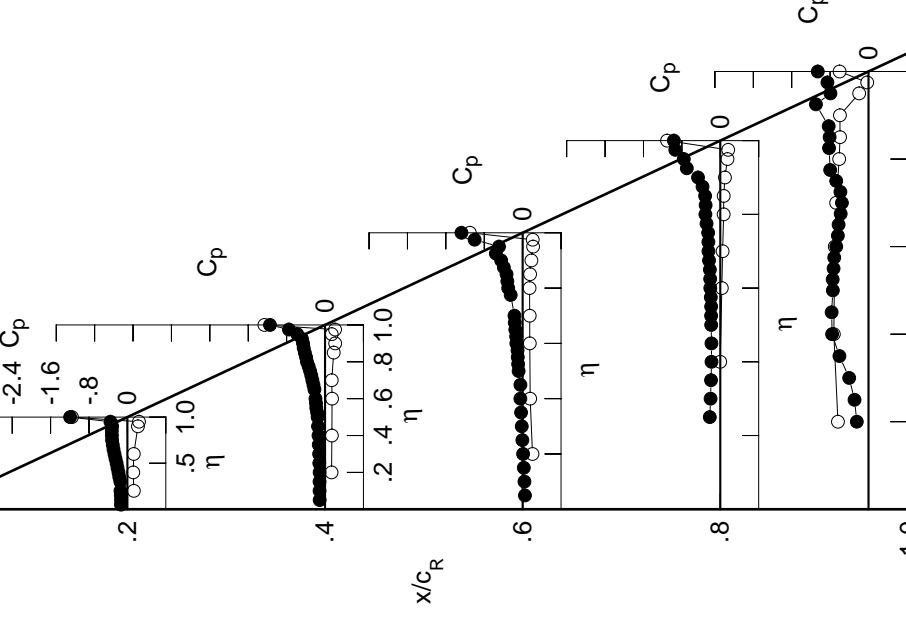
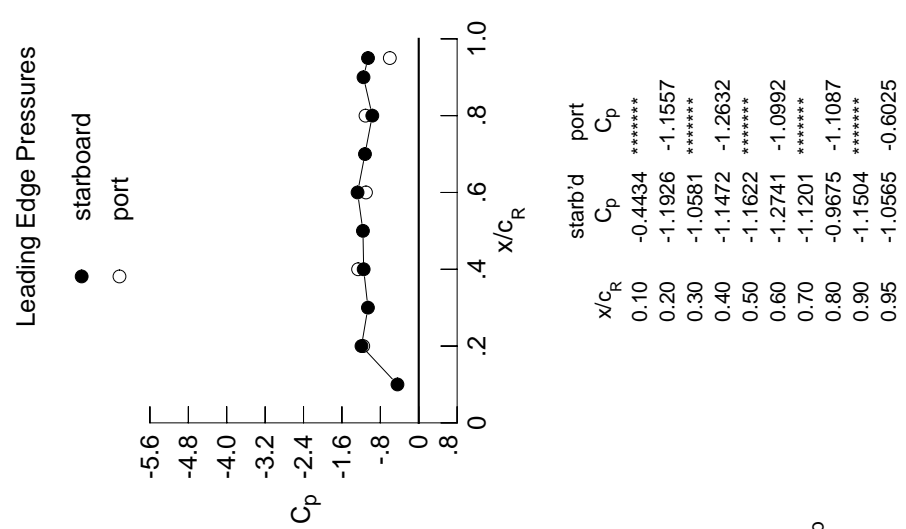


x/c_R	starb'd C_p	port C_p
0.10	-0.2443	*****
0.20	-0.7120	-0.8559
0.30	-1.2207	*****
0.40	-1.1600	-1.1858
0.50	-1.0697	*****
0.60	-1.1502	-1.0634
0.70	-1.0466	*****
0.80	-1.0375	-1.1507
0.90	-1.1221	*****
0.95	-1.2837	-0.8642

Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1346	-0.1121	0.0482	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1329	-0.1142	0.0374	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1386	-0.1147	0.0240	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1436	-0.1130	0.0095	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1200	-0.0058	-0.2181	-0.2910	*****	*****	*****	*****	*****
0.300	-0.1469	-0.1232	-0.0185	-0.2025	-0.4025	*****	*****	*****	*****	*****
0.350	-0.1687	-0.1304	-0.0328	-0.1931	-0.6056	*****	*****	*****	*****	*****
0.400	-0.1853	-0.1358	-0.0471	-0.1829	-0.7584	*****	*****	*****	*****	*****
0.450	-0.2060	-0.1468	-0.0465	-0.1841	-0.7683	*****	*****	*****	*****	*****
0.500	-0.2244	-0.1542	-0.0843	-0.1893	-0.7422	*****	*****	*****	*****	*****
0.525	*****	-0.1638	-0.0938	-0.1908	-0.7465	*****	*****	*****	*****	*****
0.550	-0.2482	-0.1822	-0.1017	-0.1905	-0.7283	*****	*****	*****	*****	*****
0.575	*****	-0.1884	-0.1065	-0.1979	-0.7141	*****	*****	*****	*****	*****
0.600	-0.2686	-0.1992	-0.1313	-0.2079	-0.6725	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1356	-0.2106	-0.6387	*****	*****	*****	*****	*****
0.650	-0.2889	-0.2209	-0.1524	-0.2167	-0.6236	*****	*****	*****	*****	*****
0.675	*****	-0.2416	-0.1640	-0.2351	-0.5801	*****	*****	*****	*****	*****
0.700	-0.3051	-0.2632	-0.1705	-0.2464	-0.5540	*****	*****	*****	*****	*****
0.725	*****	-0.2859	*****	-0.2483	-0.5859	*****	*****	*****	*****	*****
0.750	-0.3194	-0.3114	*****	-0.2532	-0.6730	*****	*****	*****	*****	*****
0.775	*****	-0.3416	-0.2490	-0.2860	-0.7985	*****	*****	*****	*****	*****
0.800	-0.3221	-0.3769	-0.3007	-0.3104	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3952	-0.3182	-0.3056	-0.8223	*****	*****	*****	*****	*****
0.850	-0.3246	-0.4213	-0.3352	-0.3160	-0.8106	*****	*****	*****	*****	*****
0.875	*****	-0.4447	-0.3922	-0.3698	-0.8295	*****	*****	*****	*****	*****
0.900	-0.3175	-0.4582	-0.4469	-0.4638	*****	*****	*****	*****	*****	*****
0.925	*****	-0.4818	-0.5587	-0.6976	-1.0954	*****	*****	*****	*****	*****
0.950	-0.3539	-0.5784	-0.4929	-0.7603	-0.7925	*****	*****	*****	*****	*****
0.975	*****	-0.7519	-1.0000	-0.9365	-0.8561	*****	*****	*****	*****	*****
1.000	-1.1926	-1.1472	-1.2741	-0.9675	-1.0565	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1341	0.1363	0.2052	*****	*****	*****	*****	*****	*****	*****
-0.600	0.1225	0.1426	0.1571	-0.0013	-0.7222	*****	*****	*****	*****	*****
-0.700	0.1329	0.1467	0.1489	0.0321	-0.7035	*****	*****	*****	*****	*****
-0.800	*****	0.1396	0.1468	0.0484	-0.6745	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1443	0.0700	-0.6110	*****	*****	*****	*****	*****
-0.900	*****	0.1806	0.1548	0.0715	-0.5931	*****	*****	*****	*****	*****
-0.950	0.2197	0.2114	0.1822	0.0970	-0.5955	*****	*****	*****	*****	*****
-0.975	0.2412	0.1403	0.2176	0.1495	-0.1943	*****	*****	*****	*****	*****
-1.000	*****	0.2087	0.2100	0.1647	-0.0268	*****	*****	*****	*****	*****
		-1.1557	-1.2632	-1.0992	-1.1087	-0.6025	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 51, Point No. = 1101
 $C_N = 0.298$, $C_m = -0.0555$
 $\alpha = 7.0^\circ$, $M_\infty = 0.850$
 $R_{mac} = 72.3 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.4434	*****
0.20	-1.1926	-1.1557
0.30	-1.0581	*****
0.40	-1.1472	-1.2632
0.50	-1.1622	*****
0.60	-1.2741	-1.0992
0.70	-1.1201	*****
0.80	-0.9675	-1.1087
0.90	-1.1504	*****
0.95	-1.0565	-0.6025

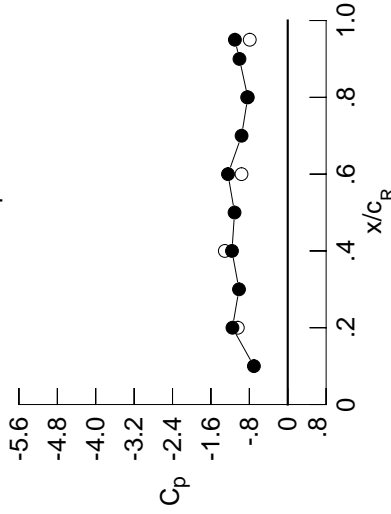
Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1524	-0.1312	0.0316	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1529	-0.1341	0.0192	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1595	-0.1365	0.0081	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1650	-0.1341	-0.0070	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1424	-0.0213	-0.2399	-0.2730	*****	*****	*****	*****	*****
0.300	-0.1688	-0.1443	-0.0374	-0.2277	-0.4077	*****	*****	*****	*****	*****
0.350	-0.1918	-0.1528	-0.0580	-0.2187	-0.5285	*****	*****	*****	*****	*****
0.400	-0.2099	-0.1625	-0.0746	-0.2121	-0.6709	*****	*****	*****	*****	*****
0.450	-0.2323	-0.1808	-0.0724	-0.2106	-0.7248	*****	*****	*****	*****	*****
0.500	-0.2533	-0.1874	-0.1095	-0.2216	-0.6925	*****	*****	*****	*****	*****
0.525	*****	-0.1943	-0.1205	-0.2256	-0.6910	*****	*****	*****	*****	*****
0.550	-0.2800	-0.2146	-0.1287	-0.2229	-0.6544	*****	*****	*****	*****	*****
0.575	*****	-0.2221	-0.1325	-0.2273	-0.6278	*****	*****	*****	*****	*****
0.600	-0.3041	-0.2331	-0.1660	-0.2364	-0.5772	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1774	-0.2462	-0.5308	*****	*****	*****	*****	*****
0.650	-0.3286	-0.2485	-0.1888	-0.2568	-0.5069	*****	*****	*****	*****	*****
0.675	*****	-0.2690	-0.2043	-0.2795	-0.4906	*****	*****	*****	*****	*****
0.700	-0.3490	-0.2945	-0.2127	-0.3100	-0.5032	*****	*****	*****	*****	*****
0.725	*****	-0.3201	*****	-0.3235	-0.5361	*****	*****	*****	*****	*****
0.750	-0.3691	-0.3485	*****	-0.3111	-0.5603	*****	*****	*****	*****	*****
0.775	*****	-0.3886	-0.2807	-0.3101	-0.5934	*****	*****	*****	*****	*****
0.800	-0.3771	-0.4348	-0.3509	-0.3371	*****	*****	*****	*****	*****	*****
0.825	*****	-0.4510	-0.3736	-0.3991	-0.7751	*****	*****	*****	*****	*****
0.850	-0.3858	-0.4460	-0.3663	-0.5330	-0.7701	*****	*****	*****	*****	*****
0.875	*****	-0.4599	-0.4030	-0.6731	-0.5944	*****	*****	*****	*****	*****
0.900	-0.3854	-0.5097	-0.6713	-0.7630	*****	*****	*****	*****	*****	*****
0.925	*****	-0.7347	-0.7809	-0.8475	-0.8473	*****	*****	*****	*****	*****
0.950	-0.4286	-0.7933	-0.6466	-0.8410	-0.9529	*****	*****	*****	*****	*****
0.975	*****	-1.0371	-1.1003	-0.8180	-0.8526	*****	*****	*****	*****	*****
1.000	-1.1518	-1.1619	-1.2451	-0.8322	-1.1008	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1596	0.1577	0.2227	*****	*****	*****	*****	*****	*****	*****
-0.600	0.1492	0.1658	0.1748	0.0155	-0.7107	*****	*****	*****	*****	*****
-0.700	0.1616	0.1706	0.1690	0.0475	-0.6902	*****	*****	*****	*****	*****
-0.800	*****	0.1658	0.1679	0.0667	-0.6617	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1691	0.0884	-0.5967	*****	*****	*****	*****	*****
-0.900	0.2432	0.2320	0.2065	0.1193	-0.5786	*****	*****	*****	*****	*****
-0.950	0.2579	0.1441	0.2311	0.1663	-0.1942	*****	*****	*****	*****	*****
-0.975	*****	0.1986	0.2098	0.1701	-0.0429	*****	*****	*****	*****	*****
-1.000	-1.0404	-1.3101	-0.9633	-0.8457	-0.7909	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 51, Point No. = 1102
 $C_N = 0.357$, $C_m = -0.0678$
 $\alpha = 8.1^\circ$, $M_\infty = 0.851$
 $R_{mac} = 72.3 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.7044	*****
0.20	-1.1518	-1.0404
0.30	-1.0154	*****
0.40	-1.1619	-1.3101
0.50	-1.1079	*****
0.60	-1.2451	-0.9633
0.70	-0.9617	*****
0.80	-0.8322	-0.8457
0.90	-1.0057	*****
0.95	-1.1008	-0.7909

Surface Pressures

● upper, starboard
 ○ lower, port

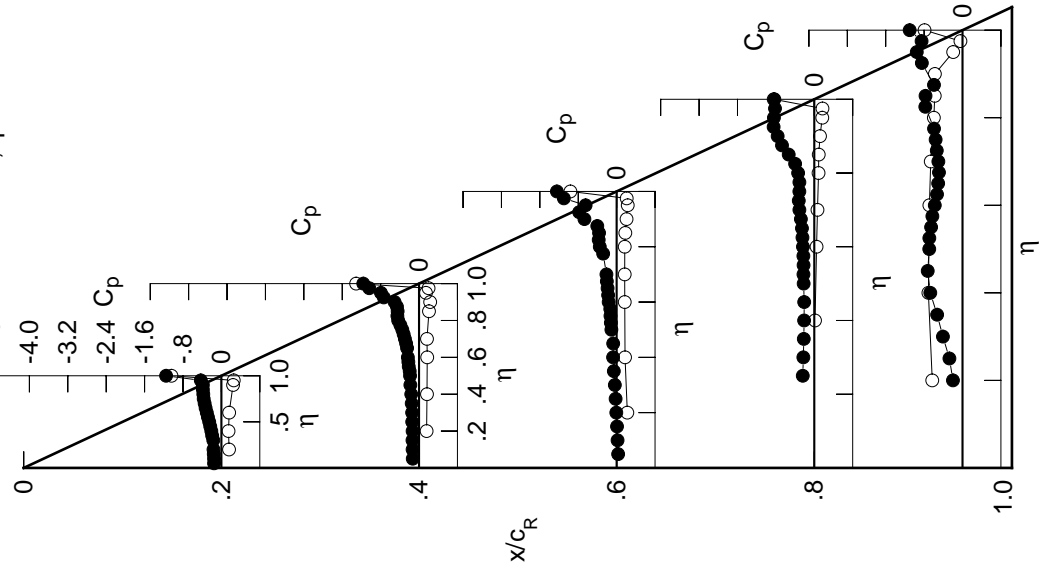


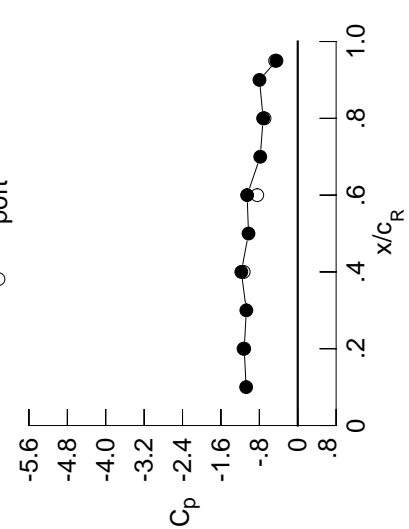
Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1686	-0.1527	0.0105	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1715	-0.1565	-0.0012	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1789	-0.1605	-0.0135	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1858	-0.1550	-0.0254	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1630	-0.0446	-0.2613	-0.3090	*****	*****	*****	*****	*****
0.300	-0.1903	-0.1678	-0.0668	-0.2530	-0.3982	*****	*****	*****	*****	*****
0.350	-0.2141	-0.1857	-0.0873	-0.2436	-0.4376	*****	*****	*****	*****	*****
0.400	-0.2334	-0.1951	-0.1025	-0.2303	-0.5188	*****	*****	*****	*****	*****
0.450	-0.2585	-0.2138	-0.0963	-0.2259	-0.6054	*****	*****	*****	*****	*****
0.500	-0.2822	-0.2128	-0.1241	-0.2346	-0.5957	*****	*****	*****	*****	*****
0.525	*****	-0.2186	-0.1350	-0.2397	-0.6350	*****	*****	*****	*****	*****
0.550	-0.3112	-0.2373	-0.1501	-0.2366	-0.6685	*****	*****	*****	*****	*****
0.575	*****	-0.2509	-0.1543	-0.2343	-0.7219	*****	*****	*****	*****	*****
0.600	-0.3379	-0.2608	-0.1981	-0.2342	-0.7287	*****	*****	*****	*****	*****
0.625	*****	*****	-0.2152	-0.2278	-0.7204	*****	*****	*****	*****	*****
0.650	-0.3638	-0.2806	-0.2434	-0.2370	-0.7284	*****	*****	*****	*****	*****
0.675	*****	-0.2913	-0.2581	-0.2777	-0.7347	*****	*****	*****	*****	*****
0.700	-0.3893	-0.3112	-0.2665	-0.3645	-0.7845	*****	*****	*****	*****	*****
0.725	*****	-0.3366	*****	-0.4888	-0.8521	*****	*****	*****	*****	*****
0.750	-0.4087	-0.3555	*****	-0.5702	-0.8906	*****	*****	*****	*****	*****
0.775	*****	-0.3922	-0.3929	-0.6442	-0.8761	*****	*****	*****	*****	*****
0.800	-0.4225	-0.5053	-0.5312	-0.7010	*****	*****	*****	*****	*****	*****
0.825	*****	-0.5714	-0.6178	-0.7644	-0.7729	*****	*****	*****	*****	*****
0.850	-0.4652	-0.5608	-0.6705	-0.7842	-0.6961	*****	*****	*****	*****	*****
0.875	*****	-0.6604	-0.7906	-0.7570	-0.5906	*****	*****	*****	*****	*****
0.900	-0.4386	-0.8770	-0.8745	-0.7450	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9585	-0.8741	-0.7521	-0.5709	*****	*****	*****	*****	*****
0.950	-0.4344	-0.8693	-0.8558	-0.7231	-0.6449	*****	*****	*****	*****	*****
0.975	*****	-1.1199	-0.7963	-0.7014	-0.5069	*****	*****	*****	*****	*****
1.000	-1.1151	-1.1755	-1.0545	-0.7206	-0.4432	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1866	0.1827	0.2407	*****	*****	*****	*****	*****	*****	*****
-0.600	0.1786	0.1899	0.1952	0.0308	-0.7008	*****	*****	*****	*****	*****
-0.700	0.1933	0.1976	0.1896	0.0659	-0.6798	*****	*****	*****	*****	*****
-0.800	*****	0.1939	0.1914	0.0839	-0.6501	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1935	0.1085	-0.5816	*****	*****	*****	*****	*****
-0.900	*****	0.2345	0.2053	0.1135	-0.5617	*****	*****	*****	*****	*****
-0.950	0.2662	0.2551	0.2290	0.1396	-0.5509	*****	*****	*****	*****	*****
-0.975	0.2742	0.1444	0.2435	0.1788	-0.1781	*****	*****	*****	*****	*****
-1.000	*****	0.1939	0.2109	0.1733	-0.0254	*****	*****	*****	*****	*****
-1.000	-1.1293	-1.1253	-0.8430	-0.6918	-0.4709	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 51, Point No. = 1103
 $C_N = 0.419$, $C_m = -0.0793$
 $\alpha = 9.1^\circ$, $M_\infty = 0.850$
 $R_{mac} = 72.3 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0747	*****
0.20	-1.1151	-1.1293
0.30	-1.0703	*****
0.40	-1.1755	-1.1253
0.50	-1.0255	*****
0.60	-1.0545	-0.8430
0.70	-0.7805	*****
0.80	-0.7206	-0.6918
0.90	-0.7967	*****
0.95	-0.4432	-0.4709

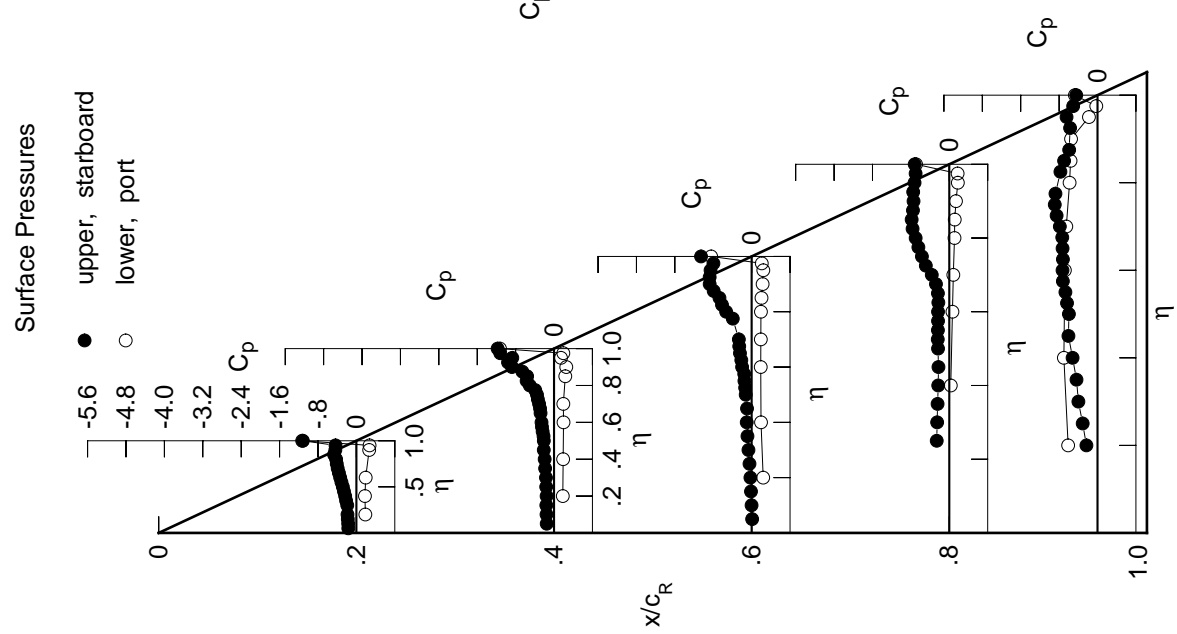


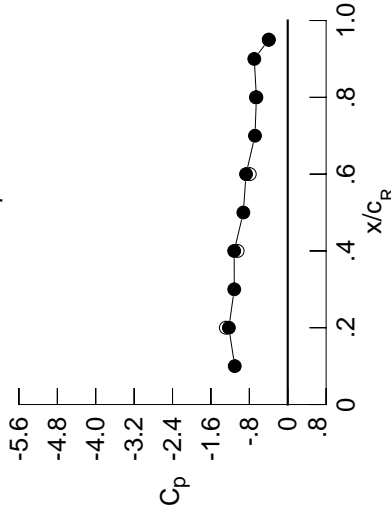
Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2071	-0.2119	-0.0309	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2133	-0.2147	-0.0416	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2256	-0.2131	-0.0555	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2323	-0.2171	-0.0739	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2355	-0.1015	-0.3209	-0.4795	*****	*****	*****	*****	*****
0.300	-0.2486	-0.2473	-0.1218	-0.3126	-0.3296	*****	*****	*****	*****	*****
0.350	-0.2738	-0.2560	-0.1368	-0.2938	-0.2378	*****	*****	*****	*****	*****
0.400	-0.2893	-0.2696	-0.1400	-0.2762	-0.3022	*****	*****	*****	*****	*****
0.450	-0.3102	-0.2806	-0.1257	-0.2631	-0.5273	*****	*****	*****	*****	*****
0.500	-0.3439	-0.2810	-0.1498	-0.2493	-0.7234	*****	*****	*****	*****	*****
0.525	*****	-0.2805	-0.1475	-0.2438	-0.7264	*****	*****	*****	*****	*****
0.550	-0.3731	-0.2928	-0.1400	-0.2325	-0.7098	*****	*****	*****	*****	*****
0.575	*****	-0.2925	-0.1167	-0.2310	-0.7054	*****	*****	*****	*****	*****
0.600	-0.3878	-0.3012	-0.1443	-0.2392	-0.6985	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1704	-0.2762	-0.7300	*****	*****	*****	*****	*****
0.650	-0.4275	-0.3209	-0.3363	-0.3936	-0.8408	*****	*****	*****	*****	*****
0.675	*****	-0.3204	-0.5947	-0.6227	-0.9935	*****	*****	*****	*****	*****
0.700	-0.4679	-0.3158	-0.7845	-0.8754	-1.1562	*****	*****	*****	*****	*****
0.725	*****	-0.4392	*****	-1.0639	-1.2642	*****	*****	*****	*****	*****
0.750	-0.4498	-0.7853	*****	-1.1301	-1.2692	*****	*****	*****	*****	*****
0.775	*****	-0.9796	-1.0153	-1.1321	-0.9518	*****	*****	*****	*****	*****
0.800	-0.4216	-1.0278	-0.9842	-1.0659	*****	*****	*****	*****	*****	*****
0.825	*****	-0.9509	-0.9578	-1.0384	-0.6524	*****	*****	*****	*****	*****
0.850	-0.7023	-0.8966	-0.9292	-0.8793	-0.5721	*****	*****	*****	*****	*****
0.875	*****	-0.9610	-0.9016	-0.7873	-0.5685	*****	*****	*****	*****	*****
0.900	-0.9278	-1.0926	-0.8627	-0.7480	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0768	-0.8215	-0.7031	-0.5894	*****	*****	*****	*****	*****
0.950	-0.8837	-0.9694	-0.7844	-0.6611	-0.5053	*****	*****	*****	*****	*****
0.975	*****	-1.1309	-0.7856	-0.6470	-0.4676	*****	*****	*****	*****	*****
1.000	-1.2262	-1.1157	-0.8691	-0.6527	-0.3962	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2433	0.2315	0.2769	*****	*****	*****	*****	*****	*****	*****
-0.600	0.2378	0.2405	0.2323	0.0621	-0.6790	*****	*****	*****	*****	*****
-0.700	0.2549	0.2494	0.2295	0.0972	-0.6603	*****	*****	*****	*****	*****
-0.800	*****	0.2485	0.2326	0.1151	-0.6298	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2361	0.1423	-0.5581	*****	*****	*****	*****	*****
-0.900	*****	0.2838	0.2476	0.1481	-0.5346	*****	*****	*****	*****	*****
-0.950	0.3090	0.2929	0.2643	0.1718	-0.5120	*****	*****	*****	*****	*****
-0.975	0.3023	0.1477	0.2554	0.1930	-0.1619	*****	*****	*****	*****	*****
-1.000	*****	0.1767	0.1968	0.1635	-0.0255	*****	*****	*****	*****	*****
-1.000	-1.2893	-1.0429	-0.7906	-0.6637	-0.3947	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 51, Point No. = 1104
 $C_N = 0.544$, $C_m = -0.1004$
 $\alpha = 11.3^\circ$, $M_\infty = 0.850$
 $R_{mac} = 72.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1042	*****
0.20	-1.2262	-1.2893
0.30	-1.1145	*****
0.40	-1.1157	-1.0429
0.50	-0.9251	*****
0.60	-0.8691	-0.7906
0.70	-0.6822	*****
0.80	-0.6527	-0.6637
0.90	-0.6970	*****
0.95	-0.3962	-0.3947

Surface Pressures

● upper, starboard
 ○ lower, port

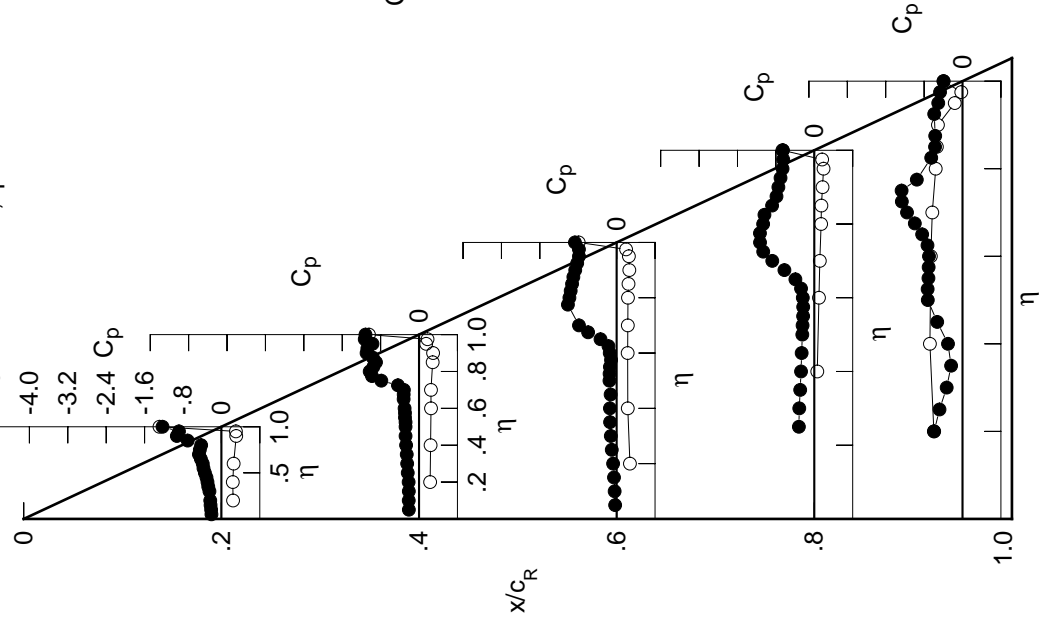


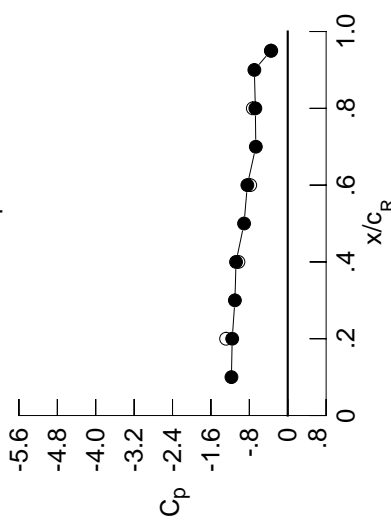
Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2236	-0.2433	-0.0513	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2276	-0.2425	-0.0608	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2428	-0.2417	-0.0768	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2611	-0.2524	-0.1035	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2737	-0.1188	-0.3461	-0.5218	*****	*****	*****	*****	*****
0.300	-0.2705	-0.2734	-0.1253	-0.3303	-0.4237	*****	*****	*****	*****	*****
0.350	-0.2962	-0.2720	-0.1454	-0.3157	-0.3921	*****	*****	*****	*****	*****
0.400	-0.3077	-0.2674	-0.1634	-0.2986	-0.4831	*****	*****	*****	*****	*****
0.450	-0.3322	-0.2884	-0.1502	-0.2836	-0.6843	*****	*****	*****	*****	*****
0.500	-0.3651	-0.3210	-0.1706	-0.2685	-0.7035	*****	*****	*****	*****	*****
0.525	*****	-0.3310	-0.1676	-0.2653	-0.6949	*****	*****	*****	*****	*****
0.550	-0.3937	-0.3432	-0.1656	-0.2624	-0.6795	*****	*****	*****	*****	*****
0.575	*****	-0.3361	-0.1566	-0.2799	-0.6938	*****	*****	*****	*****	*****
0.600	-0.3951	-0.3331	-0.2236	-0.3259	-0.7258	*****	*****	*****	*****	*****
0.625	*****	*****	-0.3123	-0.4283	-0.8144	*****	*****	*****	*****	*****
0.650	-0.4142	-0.3404	-0.5523	-0.6160	-0.9666	*****	*****	*****	*****	*****
0.675	*****	-0.4220	-0.8411	-0.8616	-1.1187	*****	*****	*****	*****	*****
0.700	-0.4367	-0.6931	-1.0337	-1.0747	-1.2604	*****	*****	*****	*****	*****
0.725	*****	-1.0046	*****	-1.2144	-1.0716	*****	*****	*****	*****	*****
0.750	-0.4083	-1.1451	*****	-1.2518	-0.8992	*****	*****	*****	*****	*****
0.775	*****	-1.1614	-1.1559	-1.1995	-0.7967	*****	*****	*****	*****	*****
0.800	-0.8143	-1.1190	-1.0873	-1.0354	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0229	-1.0314	-0.9616	-0.5867	*****	*****	*****	*****	*****
0.850	-1.0191	-0.9780	-0.9653	-0.8479	-0.5423	*****	*****	*****	*****	*****
0.875	*****	-1.0236	-0.9040	-0.8079	-0.5494	*****	*****	*****	*****	*****
0.900	-1.0323	-1.1061	-0.8560	-0.7928	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0661	-0.8130	-0.7147	-0.5561	*****	*****	*****	*****	*****
0.950	-1.0703	-0.9687	-0.7729	-0.6792	-0.4825	*****	*****	*****	*****	*****
0.975	*****	-1.0943	-0.7585	-0.6747	-0.4278	*****	*****	*****	*****	*****
1.000	-1.1570	-1.0771	-0.8415	-0.6747	-0.3522	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.2724	0.2557	0.2947	*****	*****	*****	*****	*****	*****
-0.400		0.2682	0.2649	0.2512	0.0779	-0.6674	*****	*****	*****	*****
-0.600		0.2858	0.2744	0.2485	0.1113	-0.6488	*****	*****	*****	*****
-0.700		*****	0.2745	0.2517	0.1311	-0.6182	*****	*****	*****	*****
-0.800		*****	*****	0.2556	0.1560	-0.5446	*****	*****	*****	*****
-0.850		*****	0.3057	0.2661	0.1630	-0.5185	*****	*****	*****	*****
-0.900		0.3293	0.3092	0.2787	0.1853	-0.4908	*****	*****	*****	*****
-0.950		0.3162	0.1490	0.2586	0.1959	-0.1491	*****	*****	*****	*****
-0.975		*****	0.1667	0.1877	0.1526	-0.0209	*****	*****	*****	*****
-1.000		-1.2838	-1.0276	-0.7816	-0.7268	-0.3434	*****	*****	*****	*****

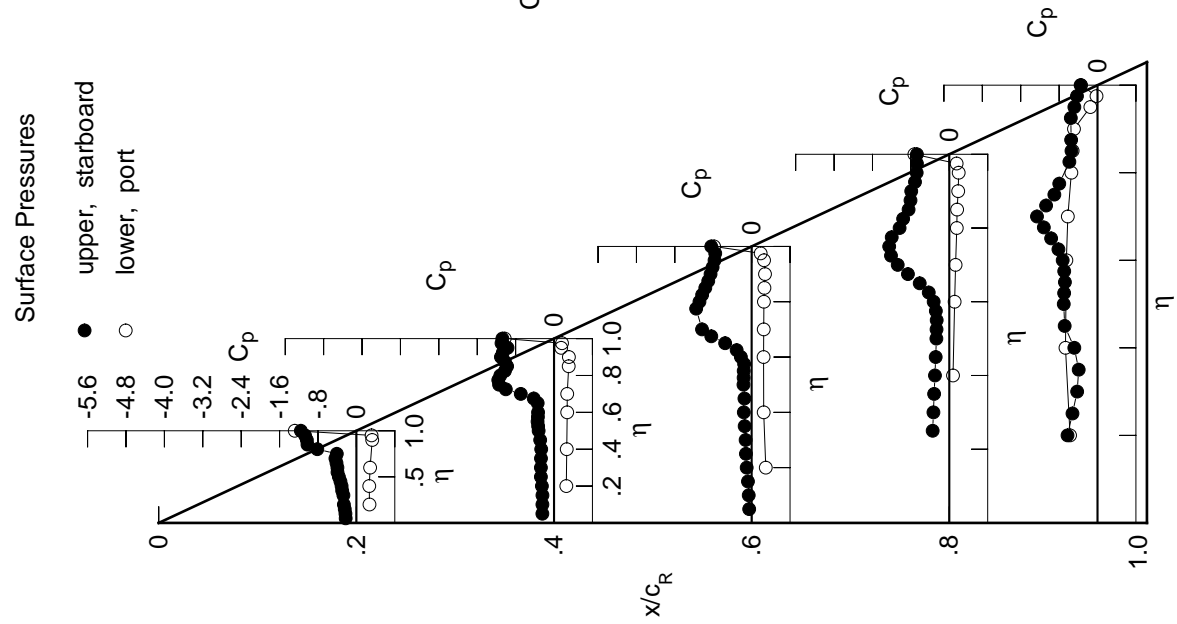
Small Radius L.E.
 Run No. = 51, Point No. = 1105
 $C_N = 0.598$, $C_m = -0.1057$
 $\alpha = 12.3^\circ$, $M_\infty = 0.851$
 $R_{mac} = 72.4 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1731	*****
0.20	-1.1570	-1.2838
0.30	-1.1004	*****
0.40	-1.0771	-1.0276
0.50	-0.9097	*****
0.60	-0.8415	-0.7816
0.70	-0.6649	*****
0.80	-0.6747	-0.7268
0.90	-0.6953	*****
0.95	-0.3522	-0.3434



Surface Pressures
 ● upper, starboard
 ○ lower, port

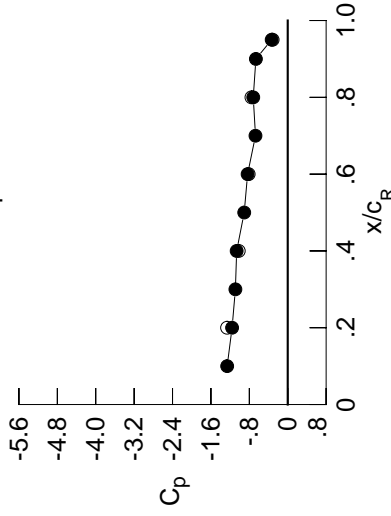
Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2508	-0.2800	-0.0737	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2502	-0.2778	-0.0823	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2703	-0.2802	-0.1034	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2905	-0.2949	-0.1263	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3065	-0.1446	-0.3731	-0.3288	*****	*****	*****	*****	*****
0.300	-0.3043	-0.3079	-0.1486	-0.3515	-0.2649	*****	*****	*****	*****	*****
0.350	-0.3328	-0.3113	-0.1556	-0.3329	-0.3464	*****	*****	*****	*****	*****
0.400	-0.3384	-0.3061	-0.1610	-0.3146	-0.5507	*****	*****	*****	*****	*****
0.450	-0.3533	-0.3018	-0.1385	-0.3000	-0.6846	*****	*****	*****	*****	*****
0.500	-0.3739	-0.2790	-0.1656	-0.2914	-0.6779	*****	*****	*****	*****	*****
0.525	*****	-0.2708	-0.1697	-0.2983	-0.6809	*****	*****	*****	*****	*****
0.550	-0.4158	-0.2914	-0.1935	-0.3187	-0.6907	*****	*****	*****	*****	*****
0.575	*****	-0.3111	-0.2456	-0.3782	-0.7417	*****	*****	*****	*****	*****
0.600	-0.4167	-0.3800	-0.4522	-0.4877	-0.8184	*****	*****	*****	*****	*****
0.625	*****	*****	-0.6759	-0.6602	-0.9425	*****	*****	*****	*****	*****
0.650	-0.4616	-0.8322	-0.9425	-0.8753	-1.1049	*****	*****	*****	*****	*****
0.675	*****	-1.0886	-1.1447	-1.0836	-1.2435	*****	*****	*****	*****	*****
0.700	-0.5463	-1.2081	-1.2417	-1.2388	-0.9837	*****	*****	*****	*****	*****
0.725	*****	-1.2412	*****	-1.3400	-0.8704	*****	*****	*****	*****	*****
0.750	-0.6520	-1.2288	*****	-1.3537	-0.8129	*****	*****	*****	*****	*****
0.775	*****	-1.1799	-1.1710	-1.1151	-0.7129	*****	*****	*****	*****	*****
0.800	-1.0503	-1.1042	-1.1186	-0.9432	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0318	-1.0572	-0.8784	-0.5953	*****	*****	*****	*****	*****
0.850	-1.1659	-1.0073	-0.9686	-0.8478	-0.5660	*****	*****	*****	*****	*****
0.875	*****	-1.0495	-0.8998	-0.8366	-0.5719	*****	*****	*****	*****	*****
0.900	-1.1083	-1.1037	-0.8564	-0.8148	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0466	-0.8217	-0.7358	-0.5393	*****	*****	*****	*****	*****
0.950	-1.1874	-0.9690	-0.7808	-0.7214	-0.4547	*****	*****	*****	*****	*****
0.975	*****	-1.0908	-0.7593	-0.7208	-0.3989	*****	*****	*****	*****	*****
1.000	-1.1594	-1.0638	-0.8362	-0.7181	-0.3347	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3014	0.2792	0.3117	*****	*****	*****	*****	*****	*****	*****
-0.600	0.2981	0.2886	0.2679	0.0921	-0.6607	*****	*****	*****	*****	*****
-0.700	0.3155	0.2976	0.2660	0.1253	-0.6413	*****	*****	*****	*****	*****
-0.800	*****	0.2985	0.2697	0.1450	-0.6094	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2731	0.1697	-0.5335	*****	*****	*****	*****	*****
-0.900	*****	0.3244	0.2821	0.1771	-0.5058	*****	*****	*****	*****	*****
-0.950	0.3478	0.3212	0.2901	0.1967	-0.4735	*****	*****	*****	*****	*****
-0.975	0.3276	0.1453	0.2568	0.1973	-0.1417	*****	*****	*****	*****	*****
-1.000	*****	0.1535	0.1725	0.1419	-0.0214	*****	*****	*****	*****	*****
	-1.2644	-1.0202	-0.8140	-0.7558	-0.3142	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 51, Point No. = 1106
 $C_N = 0.653$, $C_m = -0.1112$
 $\alpha = 13.4^\circ$, $M_\infty = 0.850$
 $R_{mac} = 72.3 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2620	*****
0.20	-1.1594	-1.2644
0.30	-1.0903	*****
0.40	-1.0638	-1.0202
0.50	-0.9064	*****
0.60	-0.8362	-0.8140
0.70	-0.6716	*****
0.80	-0.7181	-0.7558
0.90	-0.6632	*****
0.95	-0.3347	-0.3142

Surface Pressures

● upper, starboard
 ○ lower, port

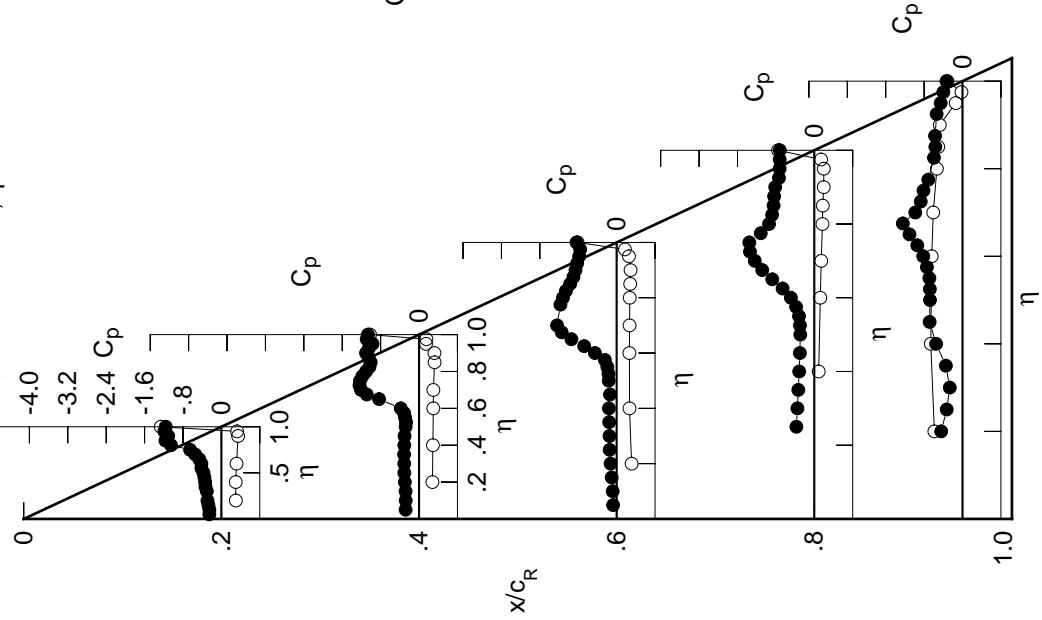


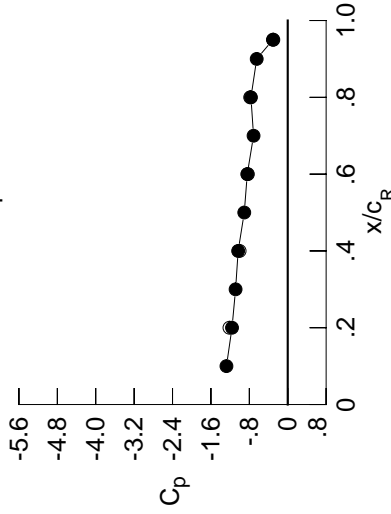
Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2822	-0.3137	-0.0916	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2774	-0.3125	-0.0988	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2996	-0.3189	-0.1222	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3178	-0.3383	-0.1464	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3436	-0.1584	-0.3962	-0.3564	*****	*****	*****	*****	*****
0.300	-0.3347	-0.3387	-0.1607	-0.3738	-0.3247	*****	*****	*****	*****	*****
0.350	-0.3668	-0.3384	-0.1719	-0.3560	-0.4083	*****	*****	*****	*****	*****
0.400	-0.3725	-0.3363	-0.1772	-0.3392	-0.6077	*****	*****	*****	*****	*****
0.450	-0.3775	-0.3358	-0.1576	-0.3310	-0.6851	*****	*****	*****	*****	*****
0.500	-0.3813	-0.3148	-0.2002	-0.3400	-0.6931	*****	*****	*****	*****	*****
0.525	*****	-0.3062	-0.2328	-0.3666	-0.7140	*****	*****	*****	*****	*****
0.550	-0.4100	-0.3281	-0.3045	-0.4160	-0.7516	*****	*****	*****	*****	*****
0.575	*****	-0.3713	-0.4233	-0.5135	-0.8370	*****	*****	*****	*****	*****
0.600	-0.4063	-0.5172	-0.6817	-0.6560	-0.9381	*****	*****	*****	*****	*****
0.625	*****	*****	-0.8999	-0.8362	-1.0701	*****	*****	*****	*****	*****
0.650	-0.4665	-1.1228	-1.1083	-1.0308	-1.1924	*****	*****	*****	*****	*****
0.675	*****	-1.3372	-1.2692	-1.2089	-0.7791	*****	*****	*****	*****	*****
0.700	-0.7997	-1.4111	-1.3519	-1.3420	-0.7396	*****	*****	*****	*****	*****
0.725	*****	-1.3885	*****	-1.1983	-0.6693	*****	*****	*****	*****	*****
0.750	-1.0828	-1.3308	*****	-1.0517	-0.5858	*****	*****	*****	*****	*****
0.775	*****	-1.2898	-1.2564	-1.0409	-0.5416	*****	*****	*****	*****	*****
0.800	-1.2114	-1.2062	-1.1248	-1.0171	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1210	-1.0227	-0.9837	-0.5283	*****	*****	*****	*****	*****
0.850	-1.2243	-1.0826	-0.9649	-0.9655	-0.5058	*****	*****	*****	*****	*****
0.875	*****	-1.0902	-0.9349	-0.9131	-0.5082	*****	*****	*****	*****	*****
0.900	-1.1453	-1.0857	-0.9061	-0.8278	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0227	-0.8568	-0.7666	-0.4968	*****	*****	*****	*****	*****
0.950	-1.1884	-0.9626	-0.8050	-0.7720	-0.4235	*****	*****	*****	*****	*****
0.975	*****	-1.0484	-0.7859	-0.7688	-0.3671	*****	*****	*****	*****	*****
1.000	-1.1610	-1.0328	-0.8431	-0.7662	-0.3080	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3308	0.3034	0.3281	*****	-0.5862	*****	*****	*****	*****	*****
-0.600	0.3293	0.3123	0.2864	0.1059	-0.6542	*****	*****	*****	*****	*****
-0.700	0.3463	0.3221	0.2831	0.1396	-0.6338	*****	*****	*****	*****	*****
-0.800	*****	0.3223	0.2883	0.1576	-0.5988	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2906	0.1840	-0.5219	*****	*****	*****	*****	*****
-0.900	*****	0.3422	0.2978	0.1905	-0.4921	*****	*****	*****	*****	*****
-0.950	0.3668	0.3331	0.3004	0.2070	-0.4555	*****	*****	*****	*****	*****
-0.975	0.3396	0.1424	0.2560	0.1979	-0.1341	*****	*****	*****	*****	*****
-1.000	*****	0.1423	0.1603	0.1307	-0.0222	*****	*****	*****	*****	*****
	-1.2144	-1.0024	-0.8301	-0.7822	-0.2999	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 51, Point No. = 1107
 $C_N = 0.704$, $C_m = -0.1144$
 $\alpha = 14.4^\circ$, $M_\infty = 0.850$
 $R_{mac} = 72.3 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2768	*****
0.20	-1.1610	-1.2144
0.30	-1.0864	*****
0.40	-1.0328	-1.0024
0.50	-0.9053	*****
0.60	-0.8431	-0.8301
0.70	-0.7122	*****
0.80	-0.7662	-0.7822
0.90	-0.6464	*****
0.95	-0.3080	-0.2999

Surface Pressures

● upper, starboard
 ○ lower, port

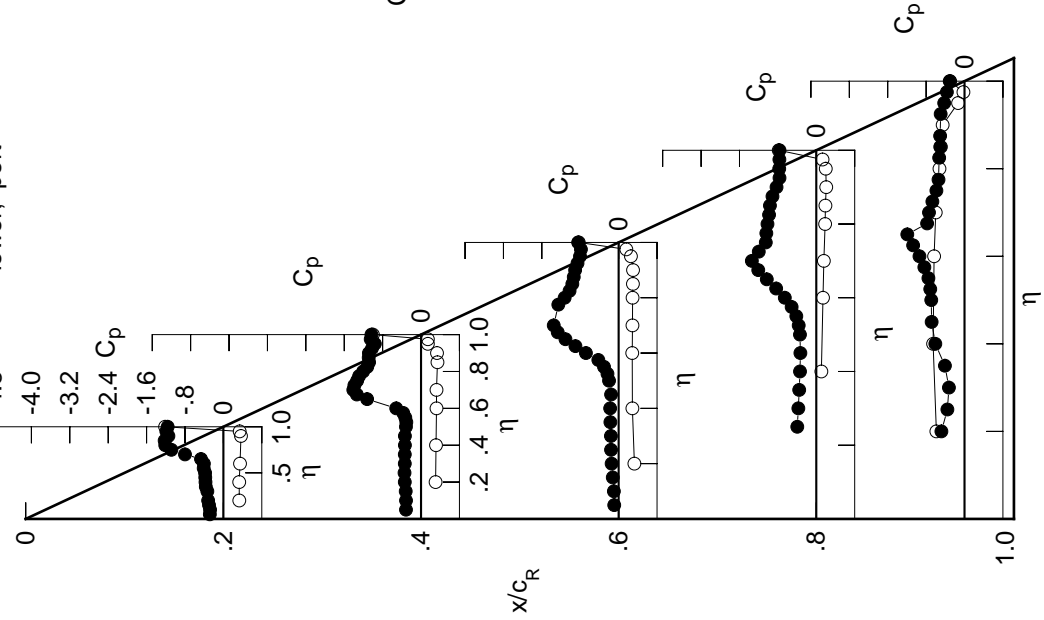


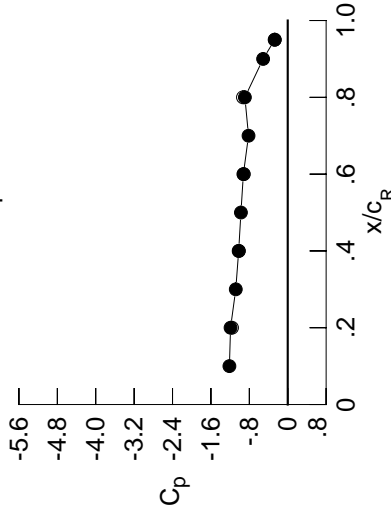
Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3220	-0.3952	-0.1189	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3169	-0.3952	-0.1301	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3425	-0.4055	-0.1538	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3539	-0.4023	-0.1618	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.4047	-0.1823	-0.4584	-0.7005	*****	*****	*****	*****	*****
0.300	-0.3395	-0.4081	-0.1913	-0.4447	-0.7047	*****	*****	*****	*****	*****
0.350	-0.3536	-0.4072	-0.2065	-0.4314	-0.7080	*****	*****	*****	*****	*****
0.400	-0.3854	-0.4010	-0.2262	-0.4287	-0.7381	*****	*****	*****	*****	*****
0.450	-0.4197	-0.4086	-0.2452	-0.4539	-0.7590	*****	*****	*****	*****	*****
0.500	-0.4221	-0.4300	-0.3922	-0.5340	-0.8232	*****	*****	*****	*****	*****
0.525	*****	-0.4826	-0.5119	-0.6137	-0.8814	*****	*****	*****	*****	*****
0.550	-0.4358	-0.6309	-0.6684	-0.7192	-0.9601	*****	*****	*****	*****	*****
0.575	*****	-0.8319	-0.8327	-0.8597	-1.0718	*****	*****	*****	*****	*****
0.600	-0.7300	-1.0758	-1.0564	-1.0075	-1.1773	*****	*****	*****	*****	*****
0.625	*****	*****	-1.2098	-1.1548	-0.8057	*****	*****	*****	*****	*****
0.650	-1.2194	-1.4370	-1.3443	-1.2912	-0.7209	*****	*****	*****	*****	*****
0.675	*****	-1.5587	-1.4596	-1.1170	-0.6092	*****	*****	*****	*****	*****
0.700	-1.3092	-1.6045	-1.4034	-0.9910	-0.5151	*****	*****	*****	*****	*****
0.725	*****	-1.5830	*****	-0.9749	-0.4810	*****	*****	*****	*****	*****
0.750	-1.3105	-1.4453	*****	-0.9657	-0.4684	*****	*****	*****	*****	*****
0.775	*****	-1.3918	-1.1628	-0.9849	-0.4597	*****	*****	*****	*****	*****
0.800	-1.2854	-1.3021	-1.1180	-1.0128	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2159	-1.0922	-1.0089	-0.4555	*****	*****	*****	*****	*****
0.850	-1.2519	-1.1702	-1.0744	-0.9870	-0.4347	*****	*****	*****	*****	*****
0.875	*****	-1.1369	-1.0402	-0.9234	-0.4230	*****	*****	*****	*****	*****
0.900	-1.1709	-1.0950	-0.9764	-0.8874	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0420	-0.9347	-0.8848	-0.3866	*****	*****	*****	*****	*****
0.950	-1.2102	-0.9958	-0.9137	-0.9014	-0.3427	*****	*****	*****	*****	*****
0.975	*****	-1.0332	-0.8994	-0.9007	-0.3121	*****	*****	*****	*****	*****
1.000	-1.1914	-1.0221	-0.9241	-0.8925	-0.2704	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3915	0.3522	0.3652	*****	*****	*****	*****	*****	*****	*****
-0.600	0.3898	0.3615	0.3232	0.1367	-0.6382	*****	*****	*****	*****	*****
-0.700	0.4047	0.3694	0.3202	0.1691	-0.6162	*****	*****	*****	*****	*****
-0.800	*****	0.3691	0.3240	0.1875	-0.5787	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3237	0.2109	-0.4961	*****	*****	*****	*****	*****
-0.900	0.4000	0.3540	0.3184	0.2169	-0.4642	*****	*****	*****	*****	*****
-0.950	0.3592	0.1401	0.2467	0.1944	-0.1192	*****	*****	*****	*****	*****
-0.975	*****	0.1162	0.1251	0.1016	-0.0234	*****	*****	*****	*****	*****
-1.000	-1.1606	-1.0173	-0.9144	-0.9331	-0.2712	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 51, Point No. = 1108
 $C_N = 0.802$, $C_m = -0.1221$
 $\alpha = 16.5^\circ$, $M_\infty = 0.850$
 $R_{mac} = 72.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2150	*****
0.20	-1.1914	-1.1606
0.30	-1.0826	*****
0.40	-1.0221	-1.0173
0.50	-0.9749	*****
0.60	-0.9241	-0.9144
0.70	-0.8167	*****
0.80	-0.8925	-0.9331
0.90	-0.5128	*****
0.95	-0.2704	-0.2712

Surface Pressures

● upper, starboard
 ○ lower, port

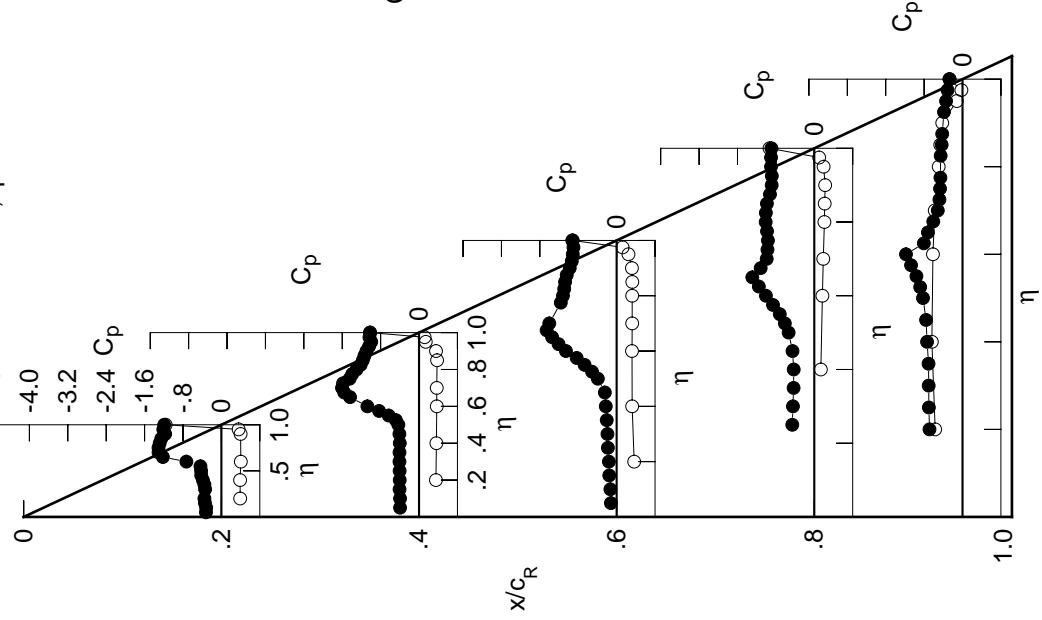


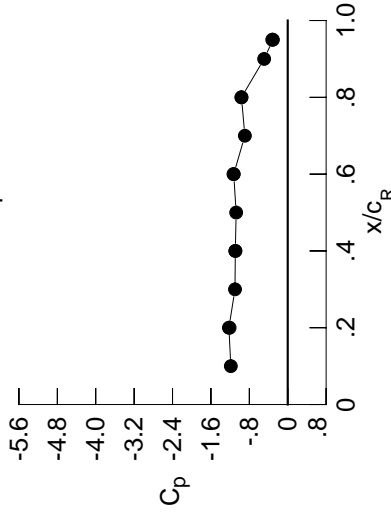
Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3682	-0.4523	-0.1765	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3717	-0.4569	-0.1976	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3845	-0.4624	-0.2270	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3860	-0.4560	-0.2400	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.4621	-0.2665	-0.5116	-0.6419	*****	*****	*****	*****	*****
0.300	-0.3774	-0.4611	-0.2934	-0.5068	-0.6604	*****	*****	*****	*****	*****
0.350	-0.3928	-0.4689	-0.3376	-0.5092	-0.6626	*****	*****	*****	*****	*****
0.400	-0.3887	-0.4822	-0.4038	-0.5405	-0.6987	*****	*****	*****	*****	*****
0.450	-0.4065	-0.5497	-0.4924	-0.6202	-0.7689	*****	*****	*****	*****	*****
0.500	-0.5348	-0.6953	-0.7320	-0.7716	-0.9223	*****	*****	*****	*****	*****
0.525	*****	-0.8293	-0.8865	-0.8787	-1.0204	*****	*****	*****	*****	*****
0.550	-1.0294	-1.0607	-1.0522	-0.9962	-1.1351	*****	*****	*****	*****	*****
0.575	*****	-1.2423	-1.2019	-1.1271	-1.2133	*****	*****	*****	*****	*****
0.600	-1.4296	-1.4050	-1.3598	-1.2487	-0.7958	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4633	-1.3586	-0.7119	*****	*****	*****	*****	*****
0.650	-1.4612	-1.5954	-1.3212	-1.2280	-0.6456	*****	*****	*****	*****	*****
0.675	*****	-1.6868	-1.2250	-1.0952	-0.5940	*****	*****	*****	*****	*****
0.700	-1.4006	-1.6068	-1.2149	-1.0850	-0.5757	*****	*****	*****	*****	*****
0.725	*****	-1.5232	*****	-1.0875	-0.5644	*****	*****	*****	*****	*****
0.750	-1.3679	-1.5224	*****	-1.0806	-0.5455	*****	*****	*****	*****	*****
0.775	*****	-1.4564	-1.2442	-1.0845	-0.5106	*****	*****	*****	*****	*****
0.800	-1.3225	-1.3152	-1.2886	-1.0913	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2249	-1.3051	-1.0659	-0.4673	*****	*****	*****	*****	*****
0.850	-1.2799	-1.1922	-1.2279	-1.0450	-0.4374	*****	*****	*****	*****	*****
0.875	*****	-1.1793	-1.1246	-0.9919	-0.4265	*****	*****	*****	*****	*****
0.900	-1.2313	-1.1547	-1.0883	-0.9603	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1036	-1.1024	-0.9534	-0.4008	*****	*****	*****	*****	*****
0.950	-1.2351	-1.0707	-1.1071	-0.9673	-0.3607	*****	*****	*****	*****	*****
0.975	*****	-1.1085	-1.1131	-0.9707	-0.3408	*****	*****	*****	*****	*****
1.000	-1.2255	-1.0919	-1.1252	-0.9637	-0.3085	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4508	0.4016	0.4027	*****	*****	*****	*****	*****	*****	*****
-0.600	0.4497	0.4097	0.3610	0.1705	0.6142	*****	*****	*****	*****	*****
-0.700	0.4612	0.4157	0.3578	0.2016	0.5924	*****	*****	*****	*****	*****
-0.800	*****	0.4145	0.3606	0.2193	0.5548	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3560	0.2417	-0.4702	*****	*****	*****	*****	*****
-0.900	*****	0.4058	0.3527	0.2446	-0.4373	*****	*****	*****	*****	*****
-0.950	0.4295	0.3697	0.3325	0.2463	-0.3945	*****	*****	*****	*****	*****
-0.975	0.3751	0.1364	0.2326	0.1934	-0.1151	*****	*****	*****	*****	*****
-1.000	*****	0.0858	0.0849	0.0789	-0.0416	*****	*****	*****	*****	*****
-1.000	-1.2102	-1.0893	-1.1294	-0.9643	-0.3230	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 51, Point No. = 1109
 $C_N = 0.920$, $C_m = -0.1417$
 $\alpha = 18.6^\circ$, $M_\infty = 0.850$
 $R_{mac} = 72.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1858	*****
0.20	-1.2255	-1.2102
0.30	-1.0987	*****
0.40	-1.0919	-1.0893
0.50	-1.0744	*****
0.60	-1.1252	-1.1294
0.70	-0.8930	*****
0.80	-0.9637	-0.9643
0.90	-0.4916	*****
0.95	-0.3085	-0.3230

Surface Pressures

● upper, starboard
 ○ lower, port

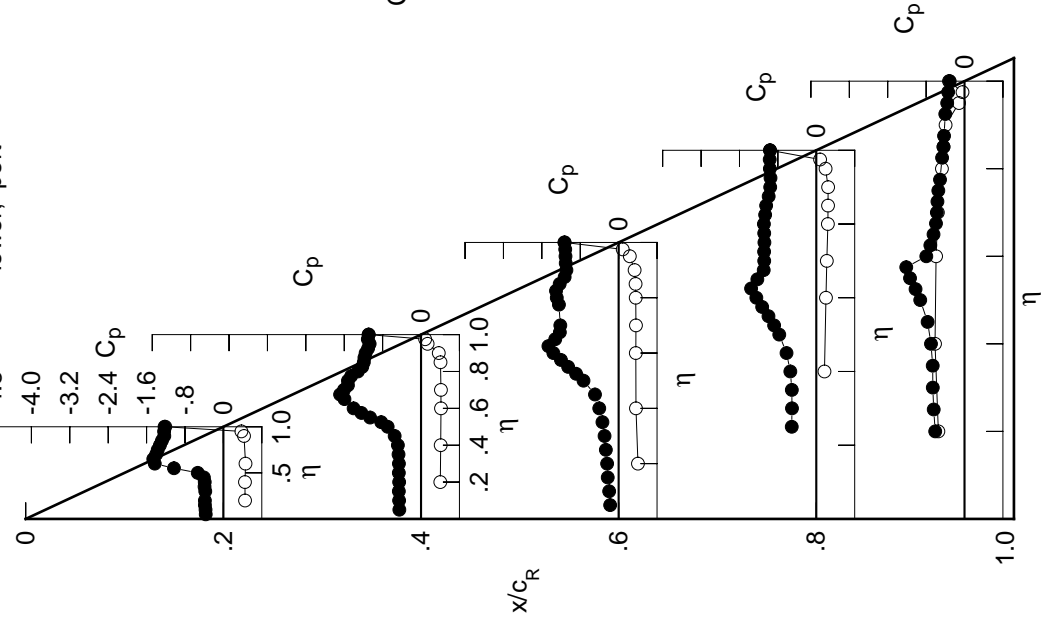


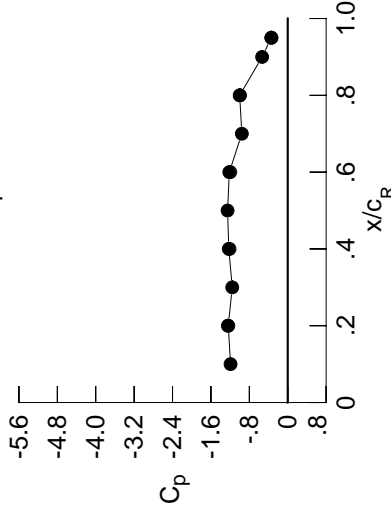
Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4442	-0.5415	-0.5366	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4625	-0.5453	-0.5366	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4677	-0.5517	-0.5405	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4701	-0.5495	-0.5466	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.5598	-0.5615	-0.5711	-0.4441	*****	*****	*****	*****	*****
0.300	-0.4644	-0.5693	-0.5784	-0.5769	-0.5111	*****	*****	*****	*****	*****
0.350	-0.4818	-0.5976	-0.6222	-0.6005	-0.5459	*****	*****	*****	*****	*****
0.400	-0.4958	-0.6538	-0.7037	-0.6694	-0.6178	*****	*****	*****	*****	*****
0.450	-0.5847	-0.7942	-0.8335	-0.8054	-0.7256	*****	*****	*****	*****	*****
0.500	-0.9016	-0.9968	-1.0759	-1.0098	-0.9110	*****	*****	*****	*****	*****
0.525	*****	-1.1185	-1.2008	-1.1270	-1.0172	*****	*****	*****	*****	*****
0.550	-1.3745	-1.3229	-1.3267	-1.2401	-1.1354	*****	*****	*****	*****	*****
0.575	*****	-1.4465	-1.4283	-1.3502	-1.2475	*****	*****	*****	*****	*****
0.600	-1.6385	-1.5550	-1.5306	-1.4418	-0.8632	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4141	-1.5202	-0.7377	*****	*****	*****	*****	*****
0.650	-1.7131	-1.5232	-1.3208	-1.3045	-0.7222	*****	*****	*****	*****	*****
0.675	*****	-1.4636	-1.3238	-1.2434	-0.7130	*****	*****	*****	*****	*****
0.700	-1.5166	-1.4605	-1.3239	-1.2180	-0.7045	*****	*****	*****	*****	*****
0.725	*****	-1.4674	*****	-1.2047	-0.6936	*****	*****	*****	*****	*****
0.750	-1.4650	-1.4899	*****	-1.2011	-0.6504	*****	*****	*****	*****	*****
0.775	*****	-1.5362	-1.3651	-1.1881	-0.5817	*****	*****	*****	*****	*****
0.800	-1.4035	-1.5710	-1.3659	-1.1483	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4842	-1.3399	-1.0960	-0.5253	*****	*****	*****	*****	*****
0.850	-1.3284	-1.2984	-1.2936	-1.0785	-0.4892	*****	*****	*****	*****	*****
0.875	*****	-1.2213	-1.2559	-1.0357	-0.4822	*****	*****	*****	*****	*****
0.900	-1.2610	-1.2118	-1.2359	-1.0036	*****	*****	*****	*****	*****	*****
0.925	*****	-1.2040	-1.2306	-0.9957	-0.4574	*****	*****	*****	*****	*****
0.950	-1.2480	-1.1949	-1.2245	-1.0092	-0.3910	*****	*****	*****	*****	*****
0.975	*****	-1.2305	-1.2143	-1.0090	-0.3671	*****	*****	*****	*****	*****
1.000	-1.2385	-1.2277	-1.2165	-1.0010	-0.3415	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5103	0.4518	0.4415	*****	-0.5174	*****	*****	*****	*****	*****
-0.600	0.5097	0.4590	0.4017	0.2058	-0.5871	*****	*****	*****	*****	*****
-0.700	0.5167	0.4639	0.3968	0.2357	-0.5659	*****	*****	*****	*****	*****
-0.800	*****	0.4595	0.3985	0.2522	-0.5255	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3889	0.2705	-0.4403	*****	*****	*****	*****	*****
-0.900	*****	0.4333	0.3792	0.2699	-0.4054	*****	*****	*****	*****	*****
-0.950	0.4559	0.3830	0.3469	0.2625	-0.3622	*****	*****	*****	*****	*****
-0.975	0.3886	0.1287	0.2227	0.1868	-0.1041	*****	*****	*****	*****	*****
-1.000	*****	0.0544	0.0545	0.0518	-0.0505	*****	*****	*****	*****	*****
-1.000	-1.2462	-1.2121	-1.1966	-0.9950	-0.3390	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 51, Point No. = 1110
 $C_N = 1.045$, $C_m = -0.1658$
 $\alpha = 20.7^\circ$, $M_\infty = 0.851$
 $R_{mac} = 72.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1913	*****
0.20	-1.2385	-1.2462
0.30	-1.1559	*****
0.40	-1.2277	-1.2121
0.50	-1.2533	*****
0.60	-1.2165	-1.1966
0.70	-0.9562	*****
0.80	-1.0010	-0.9950
0.90	-0.5335	*****
0.95	-0.3415	-0.3390

Surface Pressures

● upper, starboard
 ○ lower, port

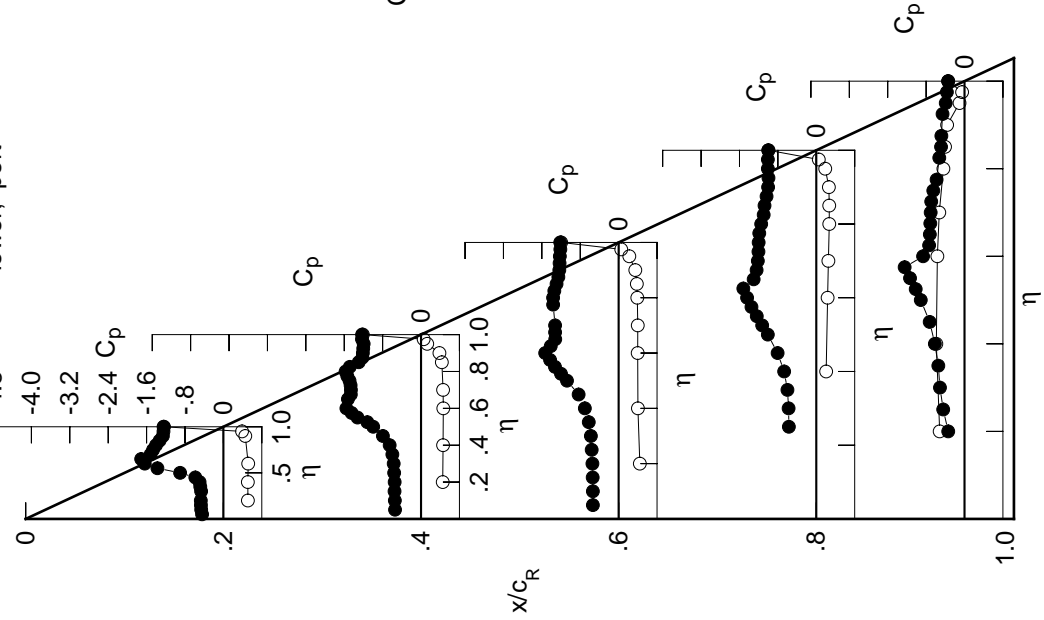
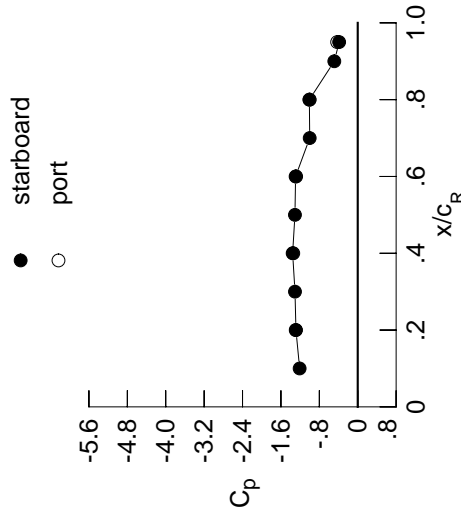


Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.5351	-0.6215	-0.5961	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5491	-0.6237	-0.5993	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5556	-0.6309	-0.6065	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5629	-0.6359	-0.6161	*****	*****	*****	*****	*****	*****	-0.2821
0.250	*****	-0.6536	-0.6401	-0.5296	-0.4144	*****	*****	*****	*****	-0.4144
0.300	-0.5633	-0.6805	-0.6779	-0.5769	-0.5006	*****	*****	*****	*****	-0.5006
0.350	-0.5966	-0.7395	-0.7594	-0.6453	-0.5668	*****	*****	*****	*****	-0.5668
0.400	-0.6718	-0.8421	-0.8935	-0.7637	-0.6749	*****	*****	*****	*****	-0.6749
0.450	-0.8794	-1.0246	-1.0751	-0.9338	-0.8180	*****	*****	*****	*****	-0.8180
0.500	-1.2328	-1.2113	-1.3035	-1.1384	-1.0211	*****	*****	*****	*****	-1.0211
0.525	*****	-1.3046	-1.4053	-1.2433	-1.1233	*****	*****	*****	*****	-1.1233
0.550	-1.5454	-1.4743	-1.5024	-1.3398	-1.1878	*****	*****	*****	*****	-1.1878
0.575	*****	-1.5630	-1.5749	-1.4334	-0.7922	*****	*****	*****	*****	-0.7922
0.600	-1.7248	-1.6220	-1.6457	-1.5116	-0.7185	*****	*****	*****	*****	-0.7185
0.625	*****	*****	-1.4701	-1.5784	-0.6881	*****	*****	*****	*****	-0.6881
0.650	-1.7344	-1.4201	-1.4356	-1.3429	-0.6533	*****	*****	*****	*****	-0.6533
0.675	*****	-1.4176	-1.4363	-1.3131	-0.5897	*****	*****	*****	*****	-0.5897
0.700	-1.6553	-1.4138	-1.4322	-1.2974	-0.5130	*****	*****	*****	*****	-0.5130
0.725	*****	-1.4259	*****	-1.2864	-0.4708	*****	*****	*****	*****	-0.4708
0.750	-1.6104	-1.4514	*****	-1.2707	-0.4653	*****	*****	*****	*****	-0.4653
0.775	*****	-1.4973	-1.4385	-1.2616	-0.5026	*****	*****	*****	*****	-0.5026
0.800	-1.3663	-1.4885	-1.4450	-1.2664	*****	*****	*****	*****	*****	-0.5884
0.825	*****	-1.4248	-1.4298	-1.2523	-0.5884	*****	*****	*****	*****	-0.5884
0.850	-1.3360	-1.3654	-1.3784	-1.2685	-0.5540	*****	*****	*****	*****	-0.5540
0.875	*****	-1.3407	-1.3290	-1.1982	-0.5467	*****	*****	*****	*****	-0.5467
0.900	-1.3185	-1.3440	-1.3027	-1.0942	*****	*****	*****	*****	*****	-0.5429
0.925	*****	-1.3476	-1.2970	-1.0192	-0.5429	*****	*****	*****	*****	-0.4578
0.950	-1.2936	-1.3470	-1.2973	-1.0129	-0.4578	*****	*****	*****	*****	-0.4223
0.975	*****	-1.3570	-1.2865	-1.0199	-0.4223	*****	*****	*****	*****	-0.3868
1.000	-1.2872	-1.3562	-1.2947	-1.0079	-0.3868	*****	*****	*****	*****	-0.4983
-0.200	0.5656	0.4993	0.4788	*****	-0.4983	*****	*****	*****	*****	-0.5635
-0.400	0.5639	0.5051	0.4388	0.2387	-0.5635	*****	*****	*****	*****	-0.5404
-0.600	0.5658	0.5068	0.4330	0.2662	-0.5404	*****	*****	*****	*****	-0.4995
-0.700	*****	0.4997	0.4322	0.2811	-0.4995	*****	*****	*****	*****	-0.4142
-0.800	*****	*****	0.4175	0.2969	-0.4142	*****	*****	*****	*****	-0.3812
-0.850	*****	0.4557	0.4011	0.2930	-0.3812	*****	*****	*****	*****	-0.3409
-0.900	0.4757	0.3916	0.3570	0.2770	-0.3409	*****	*****	*****	*****	-0.1069
-0.950	0.3962	0.1077	0.2100	0.1818	-0.1069	*****	*****	*****	*****	-0.0759
-0.975	*****	0.0215	0.0230	0.0298	-0.0759	*****	*****	*****	*****	-0.4288
-1.000	-1.2918	-1.3429	-1.2831	-1.0006	-0.4288	*****	*****	*****	*****	-0.4288

Small Radius L.E.
 Run No. = 51 , Point No. = 1111
 $C_N = 1.141$, $C_m = -0.1768$
 $\alpha = 22.7^\circ$, $M_\infty = 0.849$
 $R_{mac} = 72.0 \times 10^6$

Leading Edge Pressures



x/c_R	starbd C_p	port C_p
0.10	-1.2100	*****
0.20	-1.2872	-1.2918
0.30	-1.3070	*****
0.40	-1.3562	-1.3429
0.50	-1.3079	*****
0.60	-1.2947	-1.2831
0.70	-1.0004	*****
0.80	-1.0079	-1.0006
0.90	-0.4878	*****
0.95	-0.3868	-0.4288

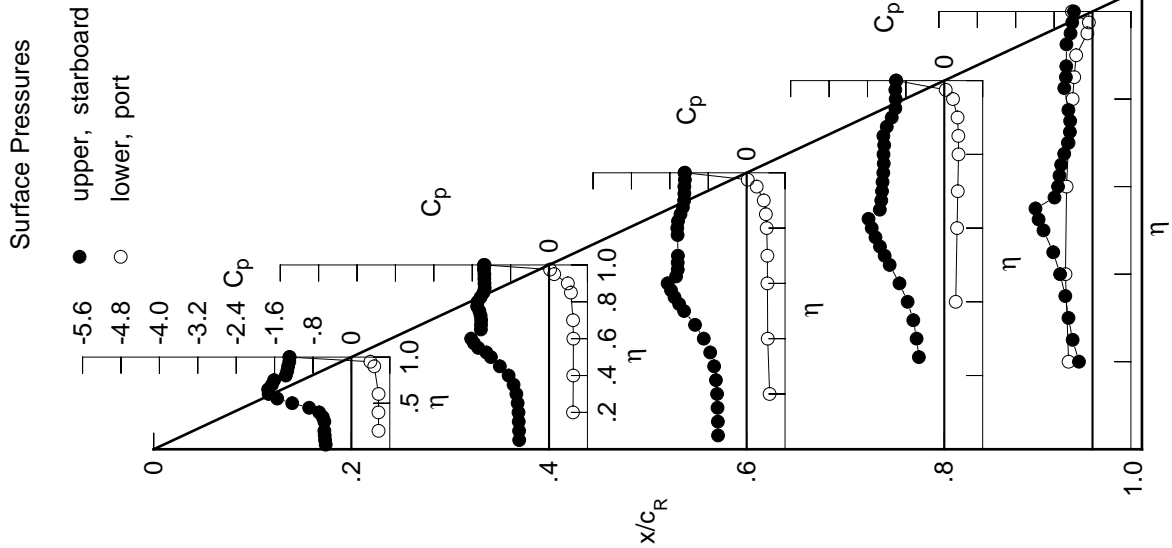


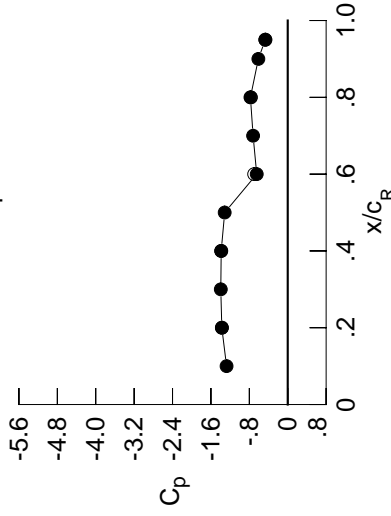
Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6215	-0.6674	0.0366	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6273	-0.6729	0.0226	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6331	-0.6792	0.0076	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6492	-0.6967	-0.0134	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.7297	-0.0575	-0.8539	-0.6721	*****	*****	*****	*****	*****
0.300	-0.6765	-0.7806	-0.1274	-0.8890	-0.7400	*****	*****	*****	*****	*****
0.350	-0.7543	-0.8736	-0.2497	-0.9327	-0.7962	*****	*****	*****	*****	*****
0.400	-0.9004	-1.0180	-0.4439	-0.9585	-0.8465	*****	*****	*****	*****	*****
0.450	-1.1443	-1.2152	-0.6711	-0.9595	-0.8433	*****	*****	*****	*****	*****
0.500	-1.4227	-1.3656	-0.9716	-0.9358	-0.7985	*****	*****	*****	*****	*****
0.525	*****	-1.4333	-1.1047	-0.9264	-0.8057	*****	*****	*****	*****	*****
0.550	-1.6391	-1.5819	-1.2178	-0.9137	-0.7821	*****	*****	*****	*****	*****
0.575	*****	-1.6445	-1.3147	-0.9314	-0.7935	*****	*****	*****	*****	*****
0.600	-1.6124	-1.6874	-1.4023	-0.9467	-0.7860	*****	*****	*****	*****	*****
0.625	*****	*****	-1.3235	-0.9377	-0.7874	*****	*****	*****	*****	*****
0.650	-1.5709	-1.5000	-1.1182	-0.9334	-0.7860	*****	*****	*****	*****	*****
0.675	*****	-1.4981	-1.0378	-0.9316	-0.7720	*****	*****	*****	*****	*****
0.700	-1.5953	-1.4863	-0.9726	-0.9166	-0.7625	*****	*****	*****	*****	*****
0.725	*****	-1.4885	*****	-0.9061	-0.7567	*****	*****	*****	*****	*****
0.750	-1.6660	-1.5029	*****	-0.8728	-0.7393	*****	*****	*****	*****	*****
0.775	*****	-1.5326	-0.8162	-0.8680	-0.7237	*****	*****	*****	*****	*****
0.800	-1.5510	-1.5338	-0.7844	-0.8573	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4852	-0.7871	-0.8563	-0.6838	*****	*****	*****	*****	*****
0.850	-1.3663	-1.4271	-0.7872	-0.8485	-0.6541	*****	*****	*****	*****	*****
0.875	*****	-1.3948	-0.7475	-0.8418	-0.6307	*****	*****	*****	*****	*****
0.900	-1.3736	-1.3871	-0.6888	-0.8336	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3856	-0.6457	-0.8173	-0.6052	*****	*****	*****	*****	*****
0.950	-1.3748	-1.3837	-0.6296	-0.8064	-0.5456	*****	*****	*****	*****	*****
0.975	*****	-1.3897	-0.6170	-0.7933	-0.5085	*****	*****	*****	*****	*****
1.000	-1.3732	-1.3861	-0.6459	-0.7771	-0.4673	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.6214	0.5474	0.5147	*****	-0.4996	*****	*****	*****	*****	*****
-0.600	0.6183	0.5520	0.4768	0.2618	-0.5668	*****	*****	*****	*****	*****
-0.700	0.6151	0.5511	0.4714	0.2869	-0.5416	*****	*****	*****	*****	*****
-0.800	*****	0.5421	0.4708	0.3014	-0.5021	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4555	0.3136	-0.4219	*****	*****	*****	*****	*****
-0.900	*****	0.4819	0.4374	0.3095	-0.3907	*****	*****	*****	*****	*****
-0.950	0.4990	0.4065	0.3910	0.2902	-0.3531	*****	*****	*****	*****	*****
-0.975	0.4079	0.1299	0.2417	0.1911	-0.1312	*****	*****	*****	*****	*****
-1.000	*****	0.0051	0.0603	0.0415	-0.1118	*****	*****	*****	*****	*****
-1.000	-1.3714	-1.3844	-0.7004	-0.7667	-0.4654	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 51, Point No. = 1112
 $C_N = 1.115$, $C_M = -0.1661$
 $\alpha = 24.7^\circ$, $M_\infty = 0.850$
 $R_{mac} = 72.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2743	*****
0.20	-1.3732	-1.3714
0.30	-1.3946	*****
0.40	-1.3861	-1.3844
0.50	-1.3133	*****
0.60	-0.6459	-0.7004
0.70	-0.7215	*****
0.80	-0.7771	-0.7667
0.90	-0.6119	*****
0.95	-0.4673	-0.4654

Surface Pressures

● upper, starboard
 ○ lower, port

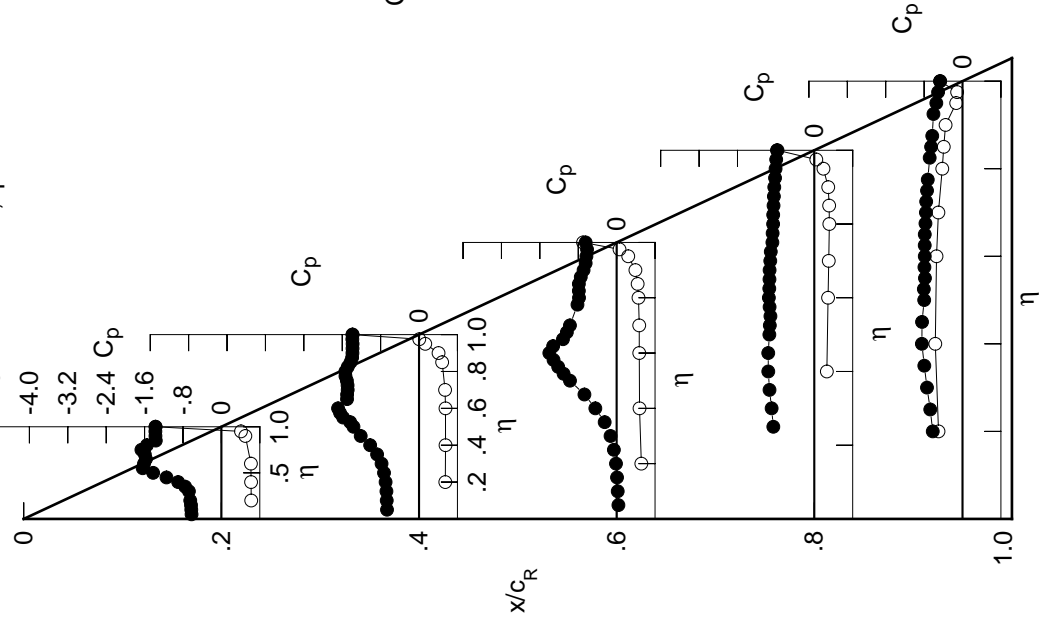


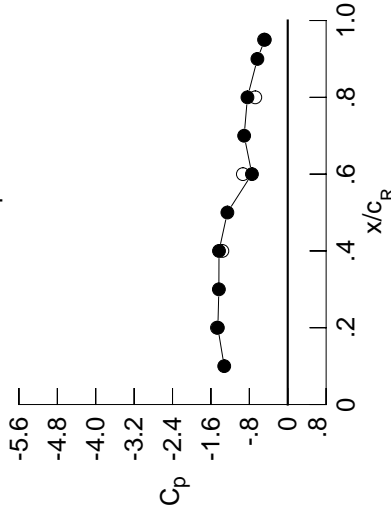
Table C6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.7122	-0.7159	-0.2784	*****	*****	*****	*****	*****	*****	*****
0.100	-0.7002	-0.7233	-0.2659	*****	*****	*****	*****	*****	*****	*****
0.150	-0.7069	-0.7392	-0.2529	*****	*****	*****	*****	*****	*****	*****
0.200	-0.7344	-0.7569	-0.2491	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.8069	-0.2765	-1.0442	-0.7413	*****	*****	*****	*****	*****
0.300	-0.8124	-0.8833	-0.3279	-1.0669	-0.8212	*****	*****	*****	*****	*****
0.350	-0.9340	-1.0024	-0.4357	-1.0838	-0.8525	*****	*****	*****	*****	*****
0.400	-1.1148	-1.1607	-0.6068	-1.0748	-0.8452	*****	*****	*****	*****	*****
0.450	-1.3343	-1.3484	-0.7894	-1.0317	-0.8056	*****	*****	*****	*****	*****
0.500	-1.5426	-1.4665	-1.0478	-0.9757	-0.7731	*****	*****	*****	*****	*****
0.525	*****	-1.5190	-1.1599	-0.9680	-0.7881	*****	*****	*****	*****	*****
0.550	-1.6988	-1.6496	-1.2455	-0.9571	-0.7810	*****	*****	*****	*****	*****
0.575	*****	-1.6989	-1.3209	-0.9756	-0.8034	*****	*****	*****	*****	*****
0.600	-1.5510	-1.6997	-1.3655	-0.9946	-0.8022	*****	*****	*****	*****	*****
0.625	*****	*****	-1.2439	-0.9938	-0.8062	*****	*****	*****	*****	*****
0.650	-1.5600	-1.5513	-1.0693	-0.9984	-0.8004	*****	*****	*****	*****	*****
0.675	*****	-1.5544	-1.0136	-1.0093	-0.7875	*****	*****	*****	*****	*****
0.700	-1.5825	-1.5470	-0.9838	-1.0042	-0.7829	*****	*****	*****	*****	*****
0.725	*****	-1.5487	*****	-1.0030	-0.7759	*****	*****	*****	*****	*****
0.750	-1.6613	-1.5602	*****	-0.9797	-0.7563	*****	*****	*****	*****	*****
0.775	*****	-1.5924	-0.8463	-0.9781	-0.7383	*****	*****	*****	*****	*****
0.800	-1.5344	-1.6133	-0.8153	-0.9650	*****	*****	*****	*****	*****	*****
0.825	*****	-1.5771	-0.8013	-0.9635	-0.6930	*****	*****	*****	*****	*****
0.850	-1.4316	-1.5000	-0.8066	-0.9514	-0.6642	*****	*****	*****	*****	*****
0.875	*****	-1.4409	-0.8030	-0.9347	-0.6379	*****	*****	*****	*****	*****
0.900	-1.4627	-1.4246	-0.7701	-0.9206	*****	*****	*****	*****	*****	*****
0.925	*****	-1.4276	-0.7342	-0.8999	-0.6062	*****	*****	*****	*****	*****
0.950	-1.4586	-1.4312	-0.7194	-0.8826	-0.5562	*****	*****	*****	*****	*****
0.975	*****	-1.4324	-0.7186	-0.8611	-0.5212	*****	*****	*****	*****	*****
1.000	-1.4557	-1.4318	-0.7457	-0.8396	-0.4776	*****	*****	*****	*****	*****
-0.200	0.6741	0.5937	0.5505	*****	-0.4765	*****	*****	*****	*****	*****
-0.400	0.6693	0.5971	0.5132	0.2948	-0.5377	*****	*****	*****	*****	*****
-0.600	0.6595	0.5925	0.5051	0.3189	-0.5133	*****	*****	*****	*****	*****
-0.700	*****	0.5808	0.5021	0.3308	-0.4739	*****	*****	*****	*****	*****
-0.800	*****	*****	0.4798	0.3411	-0.3933	*****	*****	*****	*****	*****
-0.850	*****	0.5023	0.4547	0.3330	-0.3653	*****	*****	*****	*****	*****
-0.900	0.5145	0.4149	0.3952	0.3061	-0.3283	*****	*****	*****	*****	*****
-0.950	0.4129	0.1079	0.2231	0.1918	-0.1240	*****	*****	*****	*****	*****
-0.975	*****	-0.0157	0.0205	0.0320	-0.1205	*****	*****	*****	*****	*****
-1.000	-1.4744	-1.3620	-0.9344	-0.6756	-0.4936	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 51, Point No. = 1113
 $C_N = 1.188$, $C_m = -0.1757$
 $\alpha = 26.7^\circ$, $M_\infty = 0.850$
 $R_{mac} = 72.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.3235	*****
0.20	-1.4557	-1.4744
0.30	-1.4347	*****
0.40	-1.4318	-1.3620
0.50	-1.2578	*****
0.60	-0.7457	-0.9344
0.70	-0.9077	*****
0.80	-0.8396	-0.6756
0.90	-0.6318	*****
0.95	-0.4776	-0.4936

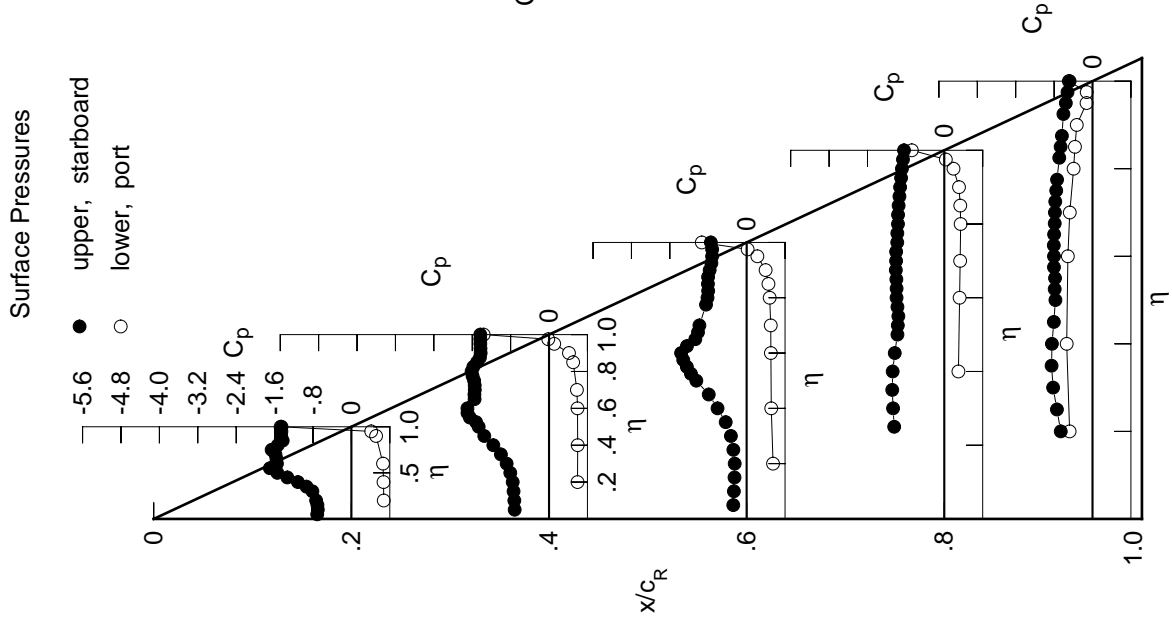


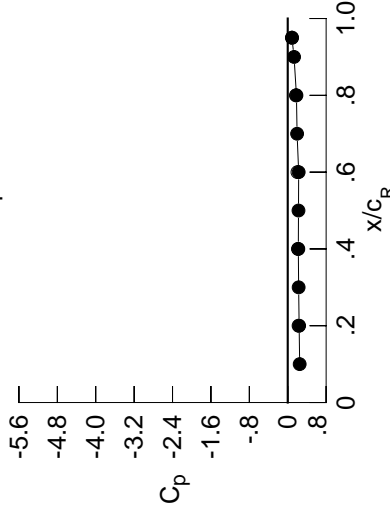
Table C6. Concluded.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0072	0.0078	0.1339	*****	*****	*****	*****	*****	*****	
0.100	-0.0020	0.0090	0.1253	*****	*****	*****	*****	*****	*****	
0.150	-0.0047	0.0078	0.1128	*****	*****	*****	*****	*****	*****	
0.200	-0.0068	0.0125	0.1009	*****	*****	*****	*****	*****	-0.3167	
0.250	*****	0.0076	0.0872	-0.1240	-0.4360	*****	*****	*****	*****	
0.300	-0.0091	0.0080	0.0775	-0.1105	-0.5957	*****	*****	*****	*****	
0.350	-0.0215	0.0043	0.0668	-0.0994	-0.6756	*****	*****	*****	*****	
0.400	-0.0263	0.0050	0.0591	-0.0870	-0.6869	*****	*****	*****	*****	
0.450	-0.0349	-0.0005	0.0677	-0.0802	-0.6484	*****	*****	*****	*****	
0.500	-0.0390	0.0014	0.0413	-0.0742	-0.5976	*****	*****	*****	*****	
0.525	*****	-0.0036	0.0395	-0.0723	-0.6055	*****	*****	*****	*****	
0.550	-0.0455	-0.0112	0.0355	-0.0710	-0.5944	*****	*****	*****	*****	
0.575	*****	-0.0121	0.0410	-0.0696	-0.6057	*****	*****	*****	*****	
0.600	-0.0465	-0.0150	0.0256	-0.0690	-0.6108	*****	*****	*****	*****	
0.625	*****	*****	0.0272	-0.0672	-0.6316	*****	*****	*****	*****	
0.650	-0.0452	-0.0198	0.0211	-0.0653	-0.6760	*****	*****	*****	*****	
0.675	*****	-0.0271	0.0134	-0.0689	-0.6947	*****	*****	*****	*****	
0.700	-0.0385	-0.0335	0.0113	-0.0685	-0.7228	*****	*****	*****	*****	
0.725	*****	-0.0413	*****	-0.0682	-0.7361	*****	*****	*****	*****	
0.750	-0.0264	-0.0489	*****	-0.0667	-0.7373	*****	*****	*****	*****	
0.775	*****	-0.0549	-0.0119	-0.0748	-0.7301	*****	*****	*****	*****	
0.800	-0.0039	-0.0552	-0.0239	-0.0825	*****	*****	*****	*****	*****	
0.825	*****	-0.0557	-0.0361	-0.0800	-0.7134	*****	*****	*****	*****	
0.850	0.0259	-0.0500	-0.0454	-0.0945	-0.6833	*****	*****	*****	*****	
0.875	*****	-0.0365	-0.0491	-0.1072	-0.7400	*****	*****	*****	*****	
0.900	0.0693	-0.0115	-0.0440	-0.1112	*****	*****	*****	*****	*****	
0.925	*****	0.0190	-0.0259	-0.1016	-0.9238	*****	*****	*****	*****	
0.950	0.1078	0.0471	0.0097	-0.0706	-0.3320	*****	*****	*****	*****	
0.975	*****	0.0944	0.0797	-0.0056	-0.1742	*****	*****	*****	*****	
1.000	0.2375	0.2205	0.2280	0.1815	0.0871	*****	*****	*****	*****	
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.400	-0.0154	0.0056	0.1048	*****	-0.5814	*****	*****	*****	*****	
-0.600	-0.0437	0.0037	0.0478	-0.0975	-0.5794	*****	*****	*****	*****	
-0.700	-0.0689	-0.0168	0.0213	-0.0783	-0.6241	*****	*****	*****	*****	
-0.800	*****	-0.0522	-0.0034	-0.0750	-0.6980	*****	*****	*****	*****	
-0.850	*****	*****	-0.0486	-0.0900	-0.7204	*****	*****	*****	*****	
-0.900	*****	-0.0747	-0.0718	-0.1202	-0.7277	*****	*****	*****	*****	
-0.950	-0.0021	-0.0437	-0.0772	-0.1451	-0.5555	*****	*****	*****	*****	
-0.975	0.0367	0.0249	-0.0201	-0.1047	-0.3616	*****	*****	*****	*****	
-1.000	0.2260	0.2139	0.2023	0.1702	0.0901	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 51, Point No. = 1114
 $C_N = -0.010$, $C_m = 0.0005$
 $\alpha = -0.3^\circ$, $M_\infty = 0.849$
 $R_{mac} = 72.5 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2489	*****
0.20	0.2375	0.2260
0.30	0.2273	*****
0.40	0.2205	0.2139
0.50	0.2242	*****
0.60	0.2280	0.2023
0.70	0.1948	*****
0.80	0.1815	0.1702
0.90	0.1318	*****
0.95	0.0871	0.0901

Surface Pressures

● upper, starboard
 ○ lower, port

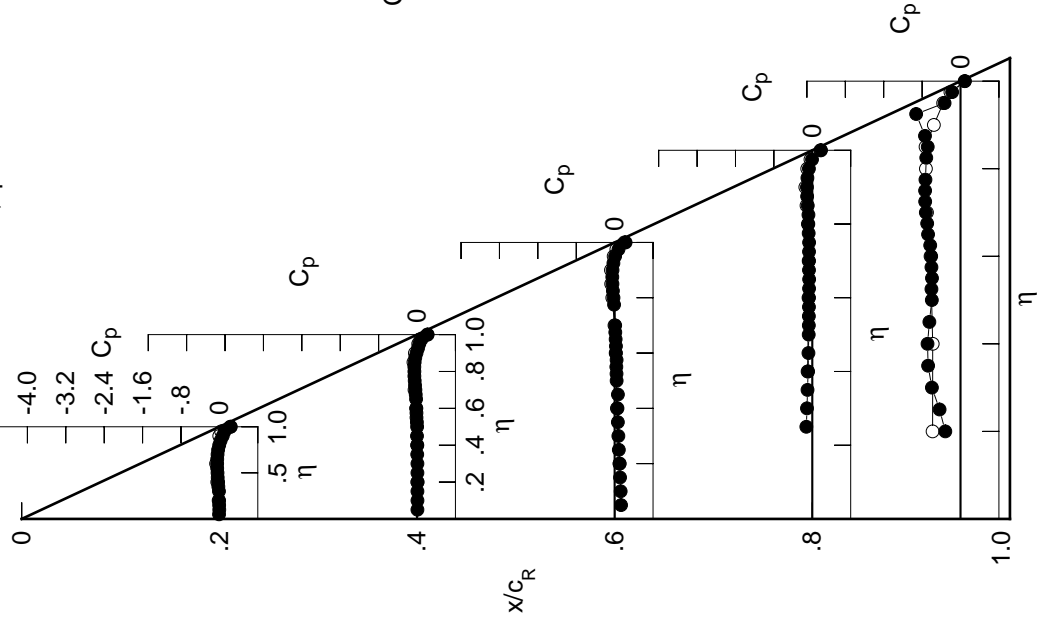


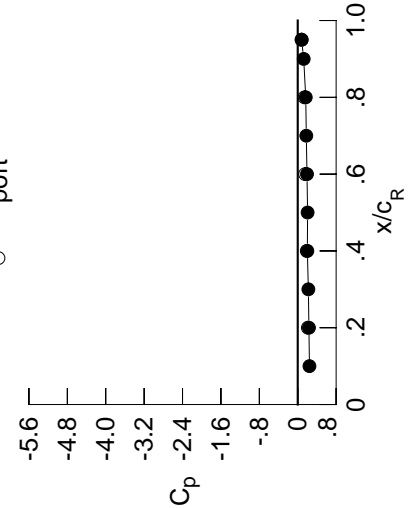
Table C7. Tabulations and Plots of Surface Pressure Coefficients.

η	x/c_R .2	$C_{p,u}$	x/c_R .4	$C_{p,u}$	x/c_R .6	$C_{p,u}$	x/c_R .8	$C_{p,u}$	x/c_R .95	$C_{p,u}$
0.050	0.0072	0.0189	0.1433	0.1433	0.1433	0.1433	0.1433	0.1433	0.1433	0.1433
0.100	0.0109	0.0204	0.1334	0.1334	0.1334	0.1334	0.1334	0.1334	0.1334	0.1334
0.150	0.0070	0.0199	0.1208	0.1208	0.1208	0.1208	0.1208	0.1208	0.1208	0.1208
0.200	0.0050	0.0243	0.1094	0.1094	0.1094	0.1094	0.1094	0.1094	0.1094	0.1094
0.250	0.0189	0.0951	-0.1178	-0.1178	-0.1178	-0.1178	-0.1178	-0.1178	-0.1178	-0.1178
0.300	0.0020	0.0195	0.0865	-0.1047	-0.6606					
0.350	-0.0090	0.0162	0.0751	-0.0926	-0.7192					
0.400	-0.0137	0.0169	0.0685	-0.0797	-0.7235					
0.450	-0.0216	0.0130	0.0766	-0.0726	-0.6836					
0.500	-0.0243	0.0147	0.0516	-0.0675	-0.6379					
0.525	0.0107	0.0488	-0.0666	-0.6416						
0.550	-0.0301	0.0035	0.0450	-0.0615	-0.6324					
0.575	0.0025	0.0516	-0.0619	-0.6455						
0.600	-0.0299	-0.0003	0.0359	-0.0617	-0.6520					
0.625	0.0378	-0.0576	-0.6698							
0.650	-0.0281	-0.0061	0.0317	-0.0560	-0.7036					
0.675	-0.0130	0.0243	-0.0589	-0.7126						
0.700	-0.0196	-0.0191	0.0231	-0.0560	-0.7298					
0.725	0.0254	-0.0561	-0.7360							
0.750	-0.0076	-0.0318	-0.0542	-0.7347						
0.775	0.0368	0.0028	-0.0616	-0.7277						
0.800	0.0154	-0.0356	-0.0071	-0.0675	0.0808					
0.825	0.0343	-0.0191	-0.0653	-0.7047						
0.850	0.0469	-0.0259	-0.0256	-0.0770	-0.6749					
0.875	0.0119	-0.0265	-0.0885	-0.7118						
0.900	0.0911	0.0131	-0.0182	-0.0875	0.0808					
0.925	0.0449	0.0026	-0.0745	-0.9192						
0.950	0.1300	0.0751	0.0403	-0.0409	-0.3144					
0.975	0.1224	0.1107	0.0272	-0.1482						
1.000	0.2332	0.2002	0.1929	0.1671	0.0808					
η	$C_{p,i}$	$C_{p,l}$	$C_{p,i}$	$C_{p,l}$	$C_{p,i}$	$C_{p,l}$	$C_{p,i}$	$C_{p,l}$	$C_{p,i}$	$C_{p,l}$
-0.200	-0.0258	-0.0033	0.0965	0.0965	-0.5917					
-0.400	-0.0567	-0.0049	0.0419	-0.1034	-0.5800					
-0.600	-0.0854	-0.0285	0.0116	-0.0837	-0.6372					
-0.700	0.0682	-0.0129	-0.0833	-0.6966						
-0.800	0.0665	-0.1028	-0.7293							
-0.850	-0.1017	-0.0968	-0.1386	-0.6906						
-0.900	-0.0247	-0.0748	-0.1072	-0.1725	-0.5117					
-0.950	0.0125	0.0099	-0.0555	-0.1424	-0.3841					
-0.975	0.0350	-0.0042	-0.0773	-0.2415						
-1.000	0.2113	0.1890	0.1542	0.1411	0.0818					

Small Radius L.E.
 Run No. = 50 , Point No. = 1070
 $C_N = -0.036$, $C_m = 0.0069$
 $\alpha = -0.9^\circ$, $M_\infty = 0.850$
 $R_{mac} = 83.9 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	0.2442	0.2113
0.20	0.2332	0.1890
0.30	0.2215	0.1542
0.40	0.2002	0.1411
0.50	0.2054	0.1242
0.60	0.1929	0.0808
0.70	0.1786	0.0818
0.80	0.1671	0.0818
0.90	0.1242	0.0818
0.95	0.0808	0.0818

Surface Pressures

- upper, starboard
- lower, port

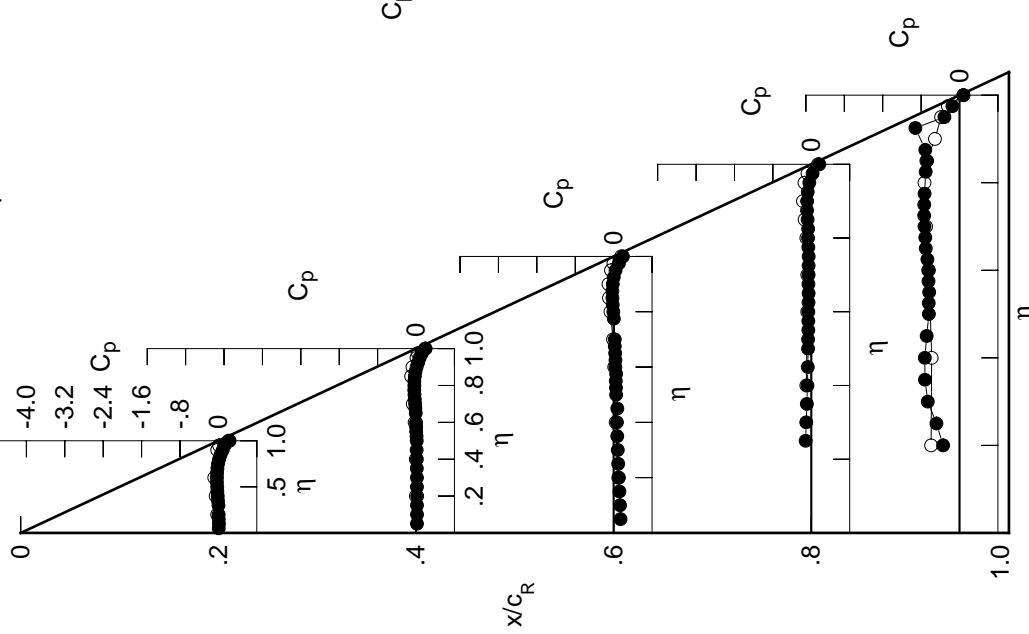


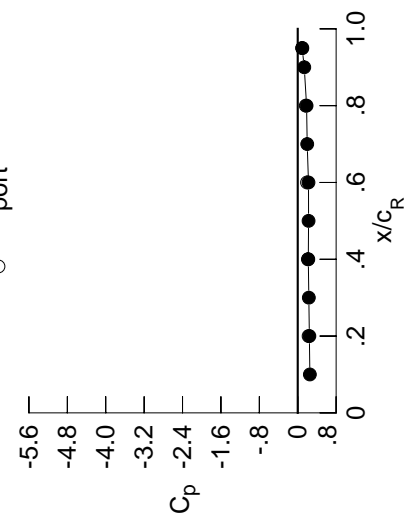
Table C7. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	0.0022	0.0147	0.1403	*****	*****
0.100	0.0058	0.0156	0.1313	*****	*****
0.150	0.0020	0.0148	0.1177	*****	*****
0.200	0.0004	0.0193	0.1065	*****	-0.3213
0.250	*****	0.0140	0.0920	-0.1196	-0.4529
0.300	-0.0024	0.0150	0.0831	-0.1055	-0.6312
0.350	-0.0147	0.0116	0.0725	-0.0947	-0.7218
0.400	-0.0201	0.0118	0.0647	-0.0813	-0.7386
0.450	-0.0282	0.0073	0.0728	-0.0742	-0.7060
0.500	-0.0317	0.0092	0.0477	-0.0692	-0.6508
0.525	*****	0.0056	0.0453	-0.0686	-0.6444
0.550	-0.0382	-0.0028	0.0410	-0.0641	-0.6221
0.575	*****	-0.0042	0.0471	-0.0644	-0.6227
0.600	-0.0390	-0.0066	0.0310	-0.0640	-0.6180
0.625	*****	*****	0.0328	-0.0609	-0.6284
0.650	-0.0380	-0.0137	0.0267	-0.0592	-0.6626
0.675	*****	-0.0209	0.0190	-0.0628	-0.6755
0.700	-0.0303	-0.0279	0.0167	-0.0603	-0.6985
0.725	*****	-0.0349	*****	-0.0608	-0.7185
0.750	-0.0190	-0.0423	*****	-0.0601	-0.7287
0.775	*****	-0.0483	-0.0056	-0.0678	-0.7287
0.800	0.0037	-0.0478	-0.0168	-0.0741	*****
0.825	*****	-0.0483	-0.0298	-0.0740	-0.7055
0.850	0.0347	-0.0406	-0.0383	-0.0876	-0.6764
0.875	*****	-0.0277	-0.0412	-0.1011	-0.6749
0.900	0.0788	-0.0030	-0.0345	-0.1024	*****
0.925	*****	0.0288	-0.0140	-0.0919	-0.9189
0.950	0.1175	0.0580	0.0217	-0.0607	-0.3247
0.975	*****	0.1060	0.0926	0.0068	-0.1631
1.000	0.2424	0.2201	0.2242	0.1844	0.0920
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0165	0.0044	0.1033	*****	-0.6040
-0.400	-0.0463	0.0036	0.0496	-0.0971	-0.6502
-0.600	-0.0721	-0.0181	0.0212	-0.0751	-0.6248
-0.700	*****	-0.0542	-0.0024	-0.0741	-0.6539
-0.800	*****	*****	-0.0525	-0.0908	-0.7139
-0.850	*****	-0.0807	-0.0785	-0.1243	-0.7093
-0.900	-0.0071	-0.0514	-0.0842	-0.1521	-0.5291
-0.950	0.0315	0.0222	-0.0289	-0.1155	-0.3672
-0.975	*****	0.0618	0.0255	-0.0473	-0.2188
-1.000	0.2264	0.2129	0.1940	0.1684	0.0956

Small Radius L.E.
 Run No. = 50, Point No. = 1071
 $C_N = -0.020$, $C_m = 0.0039$
 $\alpha = -0.5^\circ$, $M_\infty = 0.850$
 $R_{mac} = 84.0 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	0.2527	*****
0.20	0.2424	0.2264
0.30	0.2312	*****
0.40	0.2201	0.2129
0.50	0.2259	*****
0.60	0.2242	0.1940
0.70	0.1972	*****
0.80	0.1844	0.1684
0.90	0.1358	*****
0.95	0.0920	0.0956

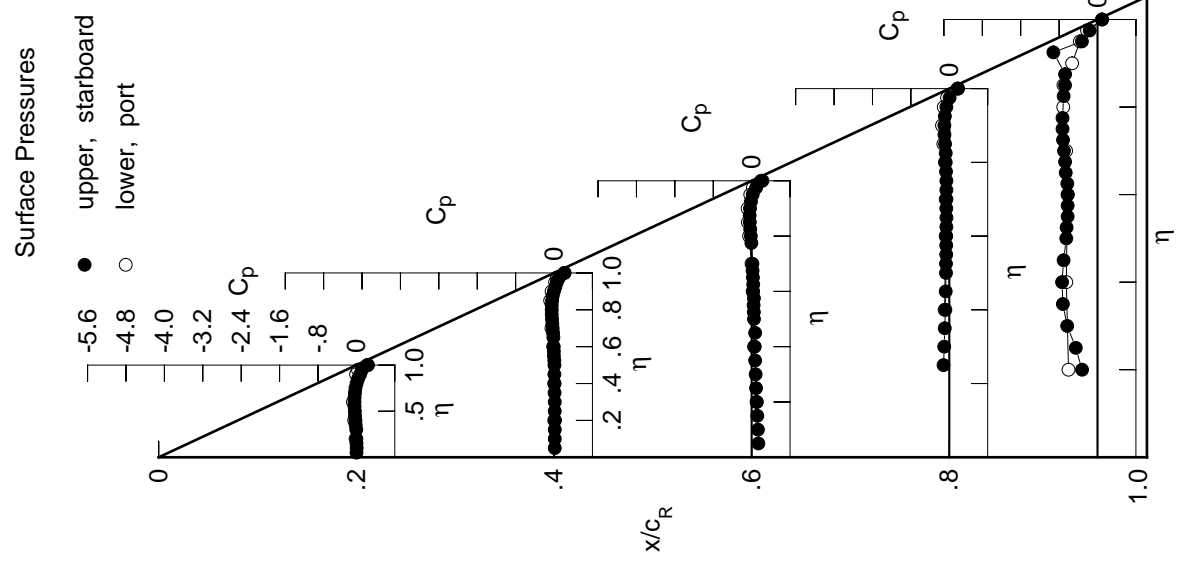


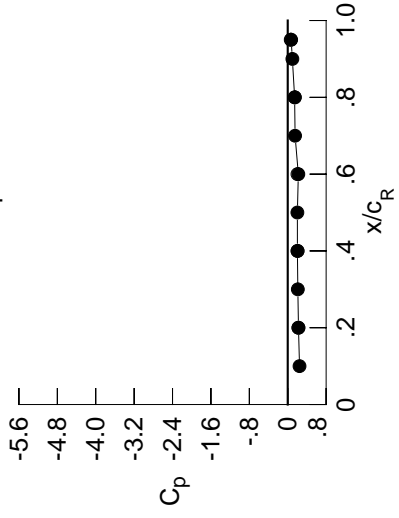
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0183	-0.0037	0.1277	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0150	-0.0032	0.1170	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0184	-0.0036	0.1046	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0207	0.0004	0.0921	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0050	0.0780	-0.1322	-0.4179	*****	*****	*****	*****	*****
0.300	-0.0233	-0.0049	0.0681	-0.1187	-0.5793	*****	*****	*****	*****	*****
0.350	-0.0372	-0.0088	0.0576	-0.1077	-0.6775	*****	*****	*****	*****	*****
0.400	-0.0438	-0.0088	0.0486	-0.0956	-0.6926	*****	*****	*****	*****	*****
0.450	-0.0537	-0.0136	0.0571	-0.0892	-0.6528	*****	*****	*****	*****	*****
0.500	-0.0588	-0.0132	0.0302	-0.0831	-0.5929	*****	*****	*****	*****	*****
0.525	*****	-0.0173	0.0273	-0.0842	-0.5976	*****	*****	*****	*****	*****
0.550	-0.0673	-0.0263	0.0224	-0.0801	-0.5815	*****	*****	*****	*****	*****
0.575	*****	-0.0285	0.0280	-0.0812	-0.5910	*****	*****	*****	*****	*****
0.600	-0.0701	-0.0329	0.0114	-0.0809	-0.5919	*****	*****	*****	*****	*****
0.625	*****	*****	0.0124	-0.0786	-0.6129	*****	*****	*****	*****	*****
0.650	-0.0715	-0.0413	0.0055	-0.0776	-0.6565	*****	*****	*****	*****	*****
0.675	*****	-0.0502	-0.0040	-0.0809	-0.6802	*****	*****	*****	*****	*****
0.700	-0.0657	-0.0583	-0.0074	-0.0797	-0.7102	*****	*****	*****	*****	*****
0.725	*****	-0.0684	*****	-0.0816	-0.7358	*****	*****	*****	*****	*****
0.750	-0.0569	-0.0785	*****	-0.0825	-0.7463	*****	*****	*****	*****	*****
0.775	*****	-0.0870	-0.0361	-0.0917	-0.7465	*****	*****	*****	*****	*****
0.800	-0.0365	-0.0906	-0.0507	-0.1015	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0939	-0.0672	-0.1028	-0.7147	*****	*****	*****	*****	*****
0.850	-0.0069	-0.0887	-0.0815	-0.1222	-0.6422	*****	*****	*****	*****	*****
0.875	*****	-0.0786	-0.0897	-0.1417	-0.5570	*****	*****	*****	*****	*****
0.900	0.0358	-0.0575	-0.0893	-0.1507	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0283	-0.0735	-0.1492	-0.9259	*****	*****	*****	*****	*****
0.950	-0.0726	-0.0009	-0.0429	-0.1242	-0.3620	*****	*****	*****	*****	*****
0.975	*****	0.0450	0.0254	-0.0630	-0.2147	*****	*****	*****	*****	*****
1.000	0.2239	0.2014	0.2207	0.1437	0.0709	*****	*****	*****	*****	*****
-0.200	0.0040	0.0230	0.1163	*****	-0.6184	*****	*****	*****	*****	*****
-0.400	-0.0221	0.0235	0.0646	-0.0834	-0.6305	*****	*****	*****	*****	*****
-0.600	-0.0411	0.0060	0.0406	-0.0602	-0.6589	*****	*****	*****	*****	*****
-0.700	*****	-0.0235	0.0200	-0.0548	-0.7136	*****	*****	*****	*****	*****
-0.800	*****	*****	-0.0188	-0.0634	-0.7106	*****	*****	*****	*****	*****
-0.850	*****	-0.0334	-0.0361	-0.0891	-0.7178	*****	*****	*****	*****	*****
-0.900	0.0343	0.0015	-0.0313	-0.1028	-0.5929	*****	*****	*****	*****	*****
-0.950	0.0743	0.0468	0.0331	-0.0521	-0.3313	*****	*****	*****	*****	*****
-0.975	*****	0.1197	0.0921	0.0203	-0.1675	*****	*****	*****	*****	*****
-1.000	0.2219	0.2075	0.2022	0.1494	0.0620	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 50, Point No. = 1072
 $C_N = 0.021$, $C_m = -0.0028$
 $\alpha = 0.6^\circ$, $M_\infty = 0.848$
 $R_{mac} = 83.9 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	0.2457	*****
0.20	0.2239	0.2219
0.30	0.2106	*****
0.40	0.2014	0.2075
0.50	0.2009	*****
0.60	0.2207	0.2022
0.70	0.1531	*****
0.80	0.1437	0.1494
0.90	0.0966	*****
0.95	0.0709	0.0620

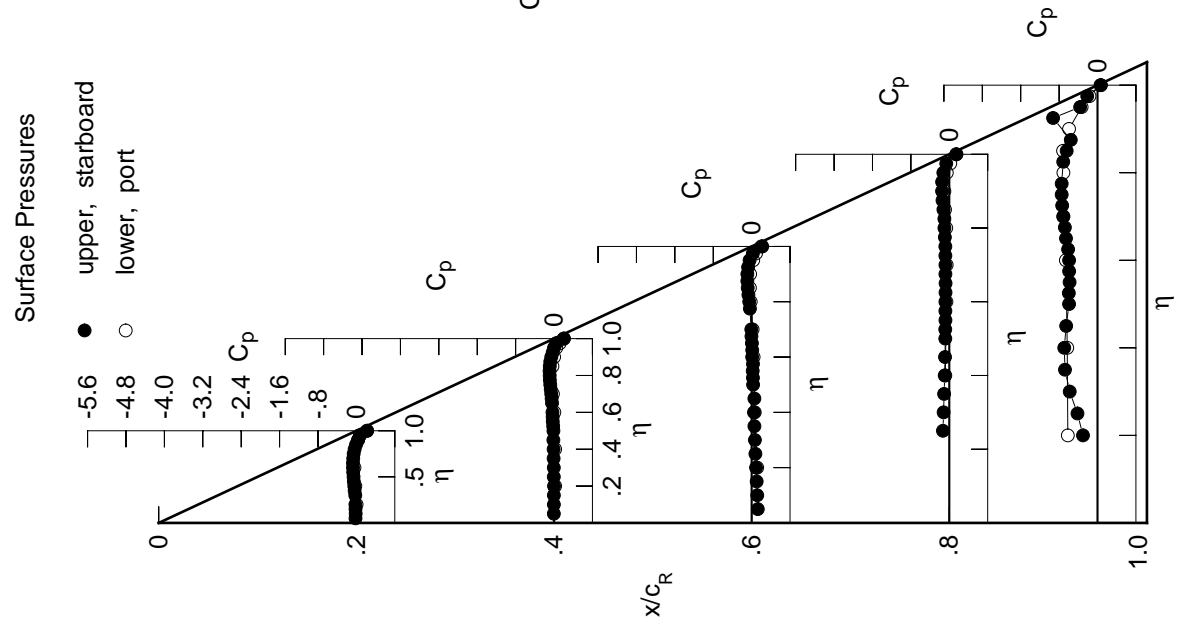


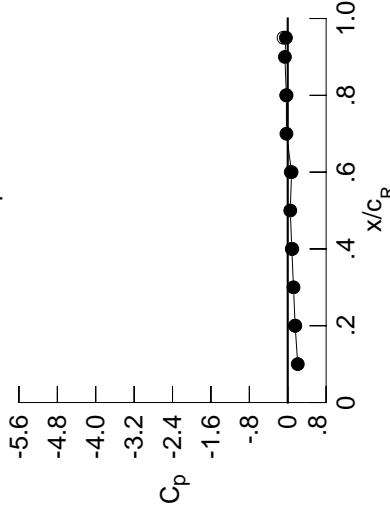
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0401	-0.0238	0.1126	*****	*****	*****	*****	*****	*****	
0.100	-0.0386	-0.0242	0.1031	*****	*****	*****	*****	*****	*****	
0.150	-0.0415	-0.0237	0.0901	*****	*****	*****	*****	*****	*****	
0.200	-0.0448	-0.0205	0.0770	*****	*****	*****	*****	*****	*****	
0.250	*****	-0.0265	0.0624	-0.1501	-0.3905	*****	*****	*****	*****	
0.300	-0.0474	-0.0269	0.0516	-0.1352	-0.5529	*****	*****	*****	*****	
0.350	-0.0622	-0.0311	0.0405	-0.1245	-0.6898	*****	*****	*****	*****	
0.400	-0.0703	-0.0325	0.0314	-0.1115	-0.7284	*****	*****	*****	*****	
0.450	-0.0832	-0.0383	0.0385	-0.1058	-0.6918	*****	*****	*****	*****	
0.500	-0.0901	-0.0385	0.0107	-0.1010	-0.6150	*****	*****	*****	*****	
0.525	*****	-0.0425	0.0064	-0.1020	-0.6069	*****	*****	*****	*****	
0.550	-0.1003	-0.0532	0.0029	-0.0980	-0.5767	*****	*****	*****	*****	
0.575	*****	-0.0558	0.0067	-0.0987	-0.5709	*****	*****	*****	*****	
0.600	-0.1067	-0.0605	-0.0109	-0.1010	-0.5579	*****	*****	*****	*****	
0.625	*****	*****	-0.0102	-0.0982	-0.5693	*****	*****	*****	*****	
0.650	-0.1089	-0.0699	-0.0183	-0.0978	-0.6105	*****	*****	*****	*****	
0.675	*****	-0.0820	-0.0295	-0.1029	-0.6330	*****	*****	*****	*****	
0.700	-0.1063	-0.0930	-0.0339	-0.1031	-0.6647	*****	*****	*****	*****	
0.725	*****	-0.1054	*****	-0.1057	-0.7030	*****	*****	*****	*****	
0.750	-0.0994	-0.1177	*****	-0.1074	-0.7385	*****	*****	*****	*****	
0.775	*****	-0.1304	-0.0688	-0.1194	-0.7580	*****	*****	*****	*****	
0.800	-0.0808	-0.1379	-0.0879	-0.1331	*****	*****	*****	*****	*****	
0.825	*****	-0.1448	-0.1100	-0.1356	-0.6996	*****	*****	*****	*****	
0.850	-0.0562	-0.1436	-0.1299	-0.1617	-0.5420	*****	*****	*****	*****	
0.875	*****	-0.1376	-0.1453	-0.1884	-0.4640	*****	*****	*****	*****	
0.900	-0.0156	-0.1211	-0.1518	-0.2084	*****	*****	*****	*****	*****	
0.925	*****	-0.0944	-0.1432	-0.2164	-0.8845	*****	*****	*****	*****	
0.950	0.0164	-0.0713	-0.1200	-0.2018	-0.4090	*****	*****	*****	*****	
0.975	*****	-0.0324	-0.0605	-0.1526	-0.2827	*****	*****	*****	*****	
1.000	0.1545	0.0849	0.0798	-0.0280	-0.0380	*****	*****	*****	*****	
-0.200	$C_{p,l}$	0.0238	0.0394	0.1305	*****	-0.6411	$C_{p,l}$	0.1305	*****	-0.6411
-0.400	$C_{p,l}$	-0.0003	0.0411	0.0782	-0.0727	-0.7014	$C_{p,l}$	0.0782	-0.0727	-0.7014
-0.600	$C_{p,l}$	-0.0128	0.0287	0.0564	-0.0466	-0.7046	$C_{p,l}$	0.0564	-0.0466	-0.7046
-0.700	$C_{p,l}$	*****	0.0034	0.0419	-0.0387	-0.7245	$C_{p,l}$	0.0419	-0.0387	-0.7245
-0.800	$C_{p,l}$	*****	*****	0.0111	-0.0389	-0.6999	$C_{p,l}$	0.0111	-0.0389	-0.6999
-0.850	$C_{p,l}$	*****	0.0090	0.0016	-0.0593	-0.7025	$C_{p,l}$	0.0016	-0.0593	-0.7025
-0.900	$C_{p,l}$	0.0716	0.0471	0.0154	-0.0610	-0.7097	$C_{p,l}$	0.0154	-0.0610	-0.7097
-0.950	$C_{p,l}$	0.1113	0.0714	0.0833	-0.0002	-0.3015	$C_{p,l}$	0.0833	-0.0002	-0.3015
-0.975	$C_{p,l}$	*****	0.1635	0.1412	0.0730	-0.1261	$C_{p,l}$	0.1412	0.0730	-0.1261
-1.000	$C_{p,l}$	0.1564	0.0943	0.0632	-0.0288	-0.0865	$C_{p,l}$	0.0632	-0.0288	-0.0865

Small Radius L.E.
 Run No. = 50, Point No. = 1073
 $C_N = 0.063$, $C_m = -0.0086$
 $\alpha = 1.7^\circ$, $M_\infty = 0.851$
 $R_{mac} = 84.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2086	*****
0.20	0.1545	0.1564
0.30	0.1200	*****
0.40	0.0849	0.0943
0.50	0.0528	*****
0.60	0.0798	0.0632
0.70	-0.0274	*****
0.80	-0.0280	-0.0288
0.90	-0.0592	*****
0.95	-0.0380	-0.0865

Surface Pressures

● upper, starboard
 ○ lower, port

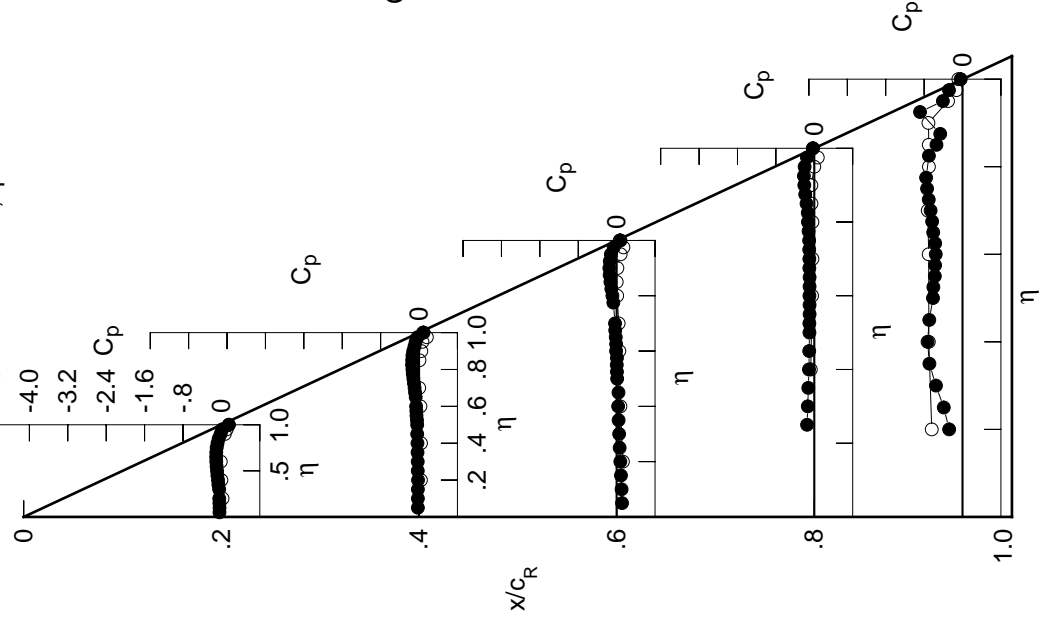


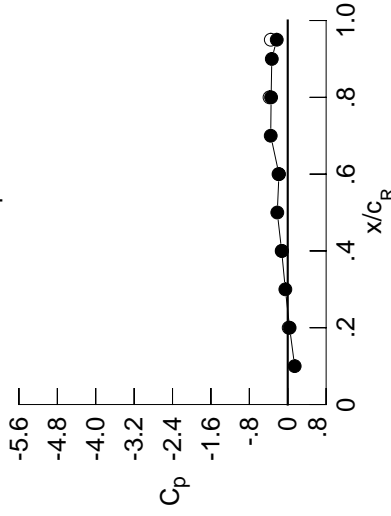
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0611	-0.0420	0.0994	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0592	-0.0431	0.0890	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0625	-0.0424	0.0763	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0663	-0.0397	0.0629	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0454	0.0481	-0.1633	-0.3537	*****	*****	*****	*****	*****
0.300	-0.0674	-0.0465	0.0372	-0.1484	-0.4975	*****	*****	*****	*****	*****
0.350	-0.0841	-0.0519	0.0250	-0.1374	-0.6587	*****	*****	*****	*****	*****
0.400	-0.0944	-0.0536	0.0155	-0.1255	-0.7219	*****	*****	*****	*****	*****
0.450	-0.1086	-0.0604	0.0209	-0.1212	-0.6943	*****	*****	*****	*****	*****
0.500	-0.1176	-0.0616	-0.0072	-0.1164	-0.6233	*****	*****	*****	*****	*****
0.525	*****	-0.0660	-0.0117	-0.1180	-0.6191	*****	*****	*****	*****	*****
0.550	-0.1301	-0.0777	-0.0163	-0.1141	-0.5932	*****	*****	*****	*****	*****
0.575	*****	-0.0823	-0.0137	-0.1162	-0.5915	*****	*****	*****	*****	*****
0.600	-0.1395	-0.0881	-0.0313	-0.1190	-0.5845	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0312	-0.1168	-0.6027	*****	*****	*****	*****	*****
0.650	-0.1443	-0.0978	-0.0410	-0.1176	-0.6514	*****	*****	*****	*****	*****
0.675	*****	-0.1125	-0.0533	-0.1231	-0.6835	*****	*****	*****	*****	*****
0.700	-0.1447	-0.1266	-0.0588	-0.1244	-0.7232	*****	*****	*****	*****	*****
0.725	*****	-0.1418	*****	-0.1288	-0.7574	*****	*****	*****	*****	*****
0.750	-0.1421	-0.1567	*****	-0.1322	-0.7765	*****	*****	*****	*****	*****
0.775	*****	-0.1734	-0.1011	-0.1466	-0.7807	*****	*****	*****	*****	*****
0.800	-0.1268	-0.1850	-0.1247	-0.1634	*****	*****	*****	*****	*****	*****
0.825	*****	-0.1960	-0.1527	-0.1692	-0.6360	*****	*****	*****	*****	*****
0.850	-0.1050	-0.1997	-0.1793	-0.2011	-0.4599	*****	*****	*****	*****	*****
0.875	*****	-0.1983	-0.2027	-0.2362	-0.4268	*****	*****	*****	*****	*****
0.900	-0.0686	-0.1878	-0.2176	-0.2673	*****	*****	*****	*****	*****	*****
0.925	*****	-0.1654	-0.2180	-0.2869	-0.7451	*****	*****	*****	*****	*****
0.950	-0.0437	-0.1500	-0.2050	-0.2852	-0.4622	*****	*****	*****	*****	*****
0.975	*****	-0.1218	-0.1597	-0.2534	-0.3585	*****	*****	*****	*****	*****
1.000	0.0393	-0.1267	-0.1825	-0.3460	-0.2285	*****	*****	*****	*****	*****
-0.200	0.0443	0.0577	0.1433	*****	-0.6497	*****	*****	*****	*****	*****
-0.400	0.0236	0.0611	0.0928	-0.0602	-0.7246	*****	*****	*****	*****	*****
-0.600	0.0171	0.0522	0.0740	-0.0322	-0.7474	*****	*****	*****	*****	*****
-0.700	*****	0.0320	0.0631	-0.0220	-0.7355	*****	*****	*****	*****	*****
-0.800	*****	*****	0.0408	-0.0149	-0.6872	*****	*****	*****	*****	*****
-0.850	*****	0.0496	0.0377	-0.0291	-0.6846	*****	*****	*****	*****	*****
-0.900	0.1072	0.0891	0.0580	-0.0209	-0.7490	*****	*****	*****	*****	*****
-0.950	0.1456	0.0940	0.1262	0.0452	-0.2759	*****	*****	*****	*****	*****
-0.975	*****	0.1947	0.1776	0.1138	-0.0930	*****	*****	*****	*****	*****
-1.000	0.0200	-0.1203	-0.1922	-0.3794	-0.3530	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 50, Point No. = 1074
 $C_N = 0.106$, $C_m = -0.0165$
 $\alpha = 2.7^\circ$, $M_\infty = 0.849$
 $R_{mac} = 84.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1445	*****
0.20	0.0393	0.0200
0.30	-0.0499	*****
0.40	-0.1267	-0.1203
0.50	-0.2178	*****
0.60	-0.1825	-0.1922
0.70	-0.3546	*****
0.80	-0.3460	-0.3794
0.90	-0.3320	*****
0.95	-0.2285	-0.3530

Surface Pressures

● upper, starboard
 ○ lower, port

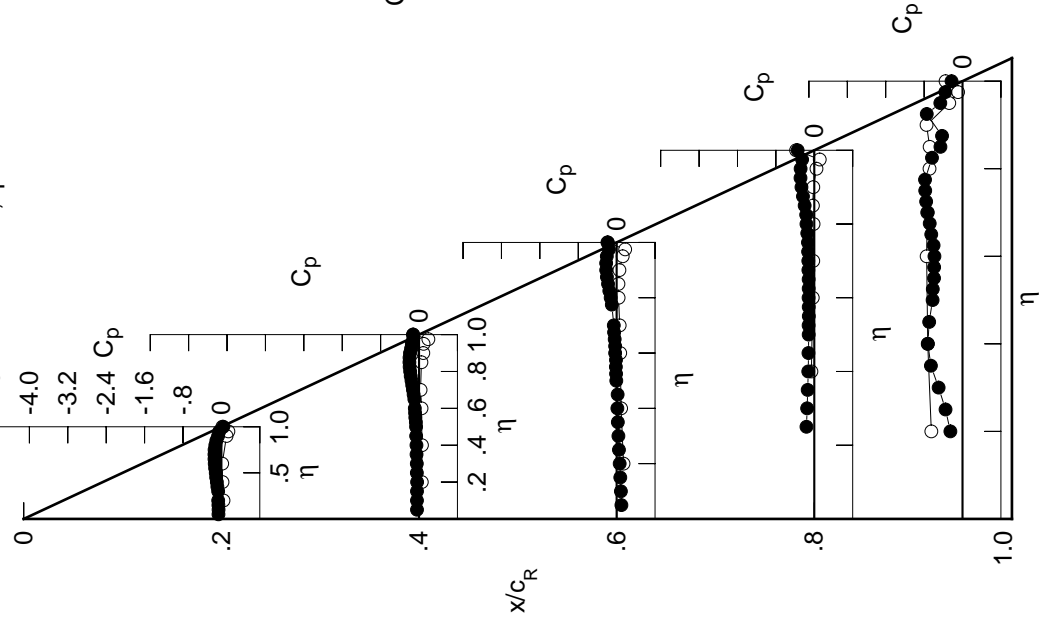


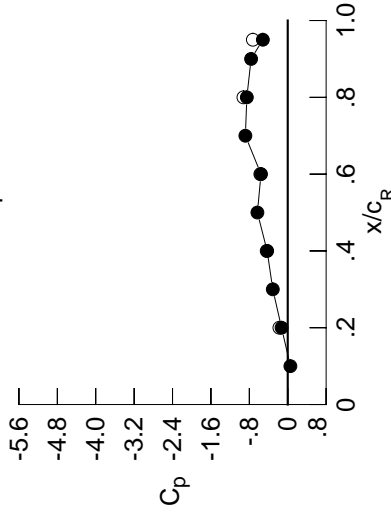
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0741	-0.0542	0.0931	0.0931	0.0931	0.0931	0.0931	0.0931	0.0931	0.0931
0.100	-0.0711	-0.0535	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834
0.150	-0.0755	-0.0541	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.200	-0.0785	-0.0512	0.0567	0.0567	0.0567	0.0567	0.0567	0.0567	0.0567	0.0567
0.250	*****	-0.0575	0.0411	-0.1668	-0.3403	-0.3403	-0.3403	-0.3403	-0.3403	-0.3403
0.300	-0.0803	-0.0581	0.0309	-0.1546	-0.4708	-0.4708	-0.4708	-0.4708	-0.4708	-0.4708
0.350	-0.0993	-0.0645	0.0177	-0.1423	-0.6351	-0.6351	-0.6351	-0.6351	-0.6351	-0.6351
0.400	-0.1108	-0.0661	0.0067	-0.1318	-0.7269	-0.7269	-0.7269	-0.7269	-0.7269	-0.7269
0.450	-0.1260	-0.0736	0.0123	-0.1264	-0.7148	-0.7148	-0.7148	-0.7148	-0.7148	-0.7148
0.500	-0.1366	-0.0753	-0.0174	-0.1235	-0.6585	-0.6585	-0.6585	-0.6585	-0.6585	-0.6585
0.525	*****	-0.0805	-0.0223	-0.1248	-0.6449	-0.6449	-0.6449	-0.6449	-0.6449	-0.6449
0.550	-0.1526	-0.0949	-0.0285	-0.1232	-0.6117	-0.6117	-0.6117	-0.6117	-0.6117	-0.6117
0.575	*****	-0.0993	-0.0255	-0.1254	-0.6009	-0.6009	-0.6009	-0.6009	-0.6009	-0.6009
0.600	-0.1631	-0.1072	-0.0448	-0.1273	-0.5867	-0.5867	-0.5867	-0.5867	-0.5867	-0.5867
0.625	*****	*****	-0.0464	-0.1273	-0.5976	-0.5976	-0.5976	-0.5976	-0.5976	-0.5976
0.650	-0.1731	-0.1244	-0.0559	-0.1286	-0.6365	-0.6365	-0.6365	-0.6365	-0.6365	-0.6365
0.675	*****	-0.1398	-0.0699	-0.1367	-0.6641	-0.6641	-0.6641	-0.6641	-0.6641	-0.6641
0.700	-0.1773	-0.1553	-0.0778	-0.1380	-0.7005	-0.7005	-0.7005	-0.7005	-0.7005	-0.7005
0.725	*****	-0.1733	*****	-0.1457	-0.7329	-0.7329	-0.7329	-0.7329	-0.7329	-0.7329
0.750	-0.1796	-0.1926	*****	-0.1521	-0.7536	-0.7536	-0.7536	-0.7536	-0.7536	-0.7536
0.775	*****	-0.2120	-0.1302	-0.1695	-0.7441	-0.7441	-0.7441	-0.7441	-0.7441	-0.7441
0.800	-0.1689	-0.2287	-0.1577	-0.1865	*****	*****	*****	*****	*****	*****
0.825	*****	-0.2440	-0.1914	-0.1976	-0.5445	-0.5445	-0.5445	-0.5445	-0.5445	-0.5445
0.850	-0.1492	-0.2531	-0.2250	-0.2363	-0.3913	-0.3913	-0.3913	-0.3913	-0.3913	-0.3913
0.875	*****	-0.2572	-0.2574	-0.2803	-0.3877	-0.3877	-0.3877	-0.3877	-0.3877	-0.3877
0.900	-0.1195	-0.2525	-0.2824	-0.3224	*****	*****	*****	*****	*****	*****
0.925	*****	-0.2381	-0.2935	-0.3566	-0.5866	-0.5866	-0.5866	-0.5866	-0.5866	-0.5866
0.950	-0.1049	-0.2316	-0.2932	-0.3707	-0.5099	-0.5099	-0.5099	-0.5099	-0.5099	-0.5099
0.975	*****	-0.2205	-0.2688	-0.3606	-0.4407	-0.4407	-0.4407	-0.4407	-0.4407	-0.4407
1.000	-0.1287	-0.4286	-0.5570	-0.8520	-0.5182	-0.5182	-0.5182	-0.5182	-0.5182	-0.5182
-0.200	0.0688	0.0798	0.1586	*****	-0.6342	-0.6342	-0.6342	-0.6342	-0.6342	-0.6342
-0.400	0.0524	0.0834	0.1118	-0.0430	-0.7263	-0.7263	-0.7263	-0.7263	-0.7263	-0.7263
-0.600	0.0510	0.0794	0.0971	-0.0112	-0.7308	-0.7308	-0.7308	-0.7308	-0.7308	-0.7308
-0.700	*****	0.0646	0.0882	0.0017	-0.7125	-0.7125	-0.7125	-0.7125	-0.7125	-0.7125
-0.800	*****	*****	0.0731	0.0124	-0.6581	-0.6581	-0.6581	-0.6581	-0.6581	-0.6581
-0.850	*****	0.0915	0.0761	0.0043	-0.6504	-0.6504	-0.6504	-0.6504	-0.6504	-0.6504
-0.900	0.1434	0.1316	0.1003	0.0210	-0.6996	-0.6996	-0.6996	-0.6996	-0.6996	-0.6996
-0.950	0.1798	0.1155	0.1651	0.0893	-0.2436	-0.2436	-0.2436	-0.2436	-0.2436	-0.2436
-0.975	*****	0.2158	0.2062	0.1460	-0.0626	-0.0626	-0.0626	-0.0626	-0.0626	-0.0626
-1.000	-0.1733	-0.4378	-0.5706	-0.9231	-0.7267	-0.7267	-0.7267	-0.7267	-0.7267	-0.7267

Small Radius L.E.
 Run No. = 50, Point No. = 1075
 $C_N = 0.148$, $C_m = -0.0232$
 $\alpha = 3.8^\circ$, $M_\infty = 0.850$
 $R_{mac} = 84.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.0551	*****
0.20	-0.1287	-0.1733
0.30	-0.3115	*****
0.40	-0.4286	-0.4378
0.50	-0.6319	*****
0.60	-0.5570	-0.5706
0.70	-0.8823	*****
0.80	-0.8520	-0.9231
0.90	-0.7631	*****
0.95	-0.5182	-0.7267

Surface Pressures

● upper, starboard
 ○ lower, port

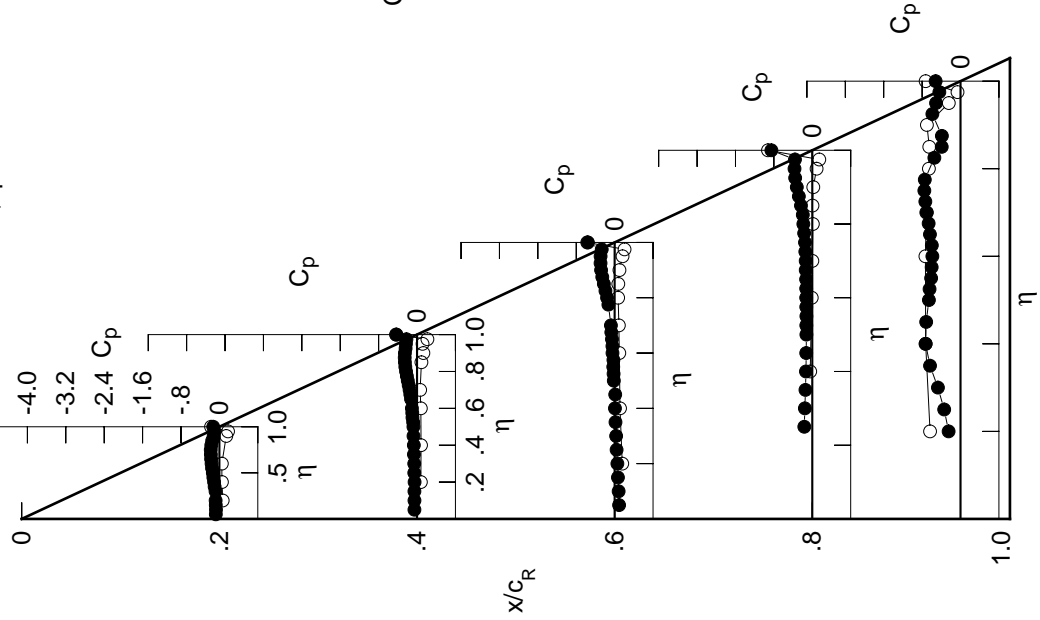
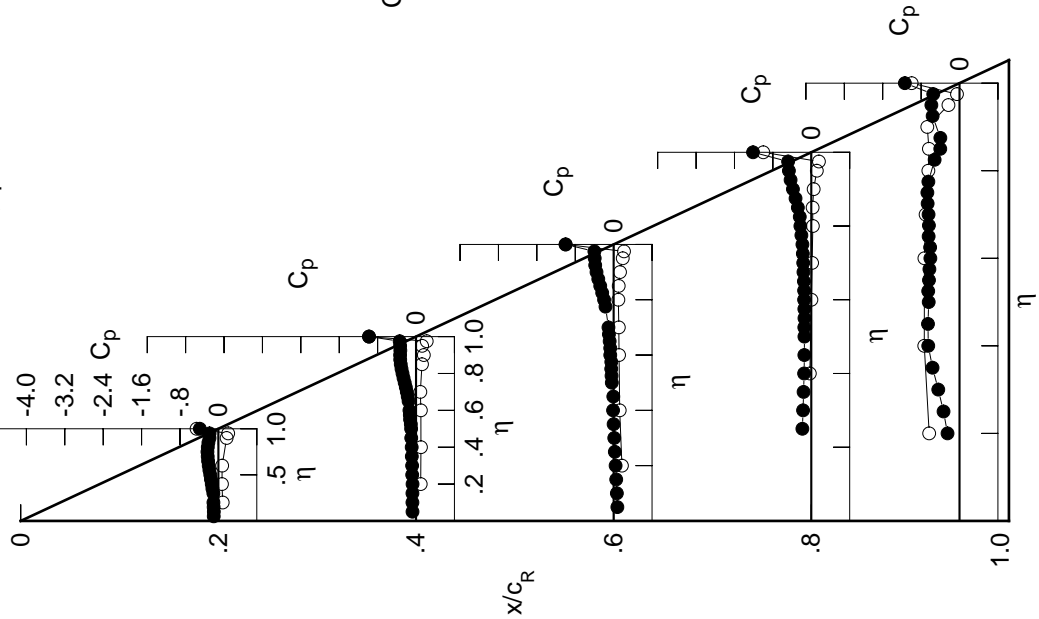


Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0968	-0.0739	0.0774	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0950	-0.0754	0.0674	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0995	-0.0756	0.0536	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1034	-0.0728	0.0405	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0799	0.0247	-0.1852	-0.3330	*****	*****	*****	*****	*****
0.300	-0.1046	-0.0814	0.0126	-0.1713	-0.4422	*****	*****	*****	*****	*****
0.350	-0.1252	-0.0883	-0.0009	-0.1607	-0.5617	*****	*****	*****	*****	*****
0.400	-0.1383	-0.0904	-0.0117	-0.1493	-0.6511	*****	*****	*****	*****	*****
0.450	-0.1555	-0.0996	-0.0072	-0.1449	-0.6565	*****	*****	*****	*****	*****
0.500	-0.1692	-0.1023	-0.0381	-0.1428	-0.6418	*****	*****	*****	*****	*****
0.525	*****	-0.1085	-0.0442	-0.1456	-0.6519	*****	*****	*****	*****	*****
0.550	-0.1871	-0.1236	-0.0502	-0.1423	-0.6364	*****	*****	*****	*****	*****
0.575	*****	-0.1295	-0.0491	-0.1452	-0.6276	*****	*****	*****	*****	*****
0.600	-0.2015	-0.1377	-0.0701	-0.1493	-0.6071	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0713	-0.1495	-0.6120	*****	*****	*****	*****	*****
0.650	-0.2143	-0.1550	-0.0835	-0.1532	-0.6430	*****	*****	*****	*****	*****
0.675	*****	-0.1732	-0.0981	-0.1635	-0.6373	*****	*****	*****	*****	*****
0.700	-0.2221	-0.1920	-0.1080	-0.1680	-0.6450	*****	*****	*****	*****	*****
0.725	*****	-0.2130	*****	-0.1759	-0.6640	*****	*****	*****	*****	*****
0.750	-0.2277	-0.2358	*****	-0.1851	-0.6696	*****	*****	*****	*****	*****
0.775	*****	-0.2603	-0.1694	-0.2068	-0.6486	*****	*****	*****	*****	*****
0.800	-0.2208	-0.2816	-0.1995	-0.2272	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3028	-0.2383	-0.2399	-0.5184	*****	*****	*****	*****	*****
0.850	-0.2082	-0.3185	-0.2792	-0.2799	-0.4006	*****	*****	*****	*****	*****
0.875	*****	-0.3297	-0.3204	-0.3277	-0.3994	*****	*****	*****	*****	*****
0.900	-0.1851	-0.3317	-0.3570	-0.3828	*****	*****	*****	*****	*****	*****
0.925	*****	-0.3275	-0.3837	-0.4314	-0.5598	*****	*****	*****	*****	*****
0.950	-0.1843	-0.3316	-0.3944	-0.4665	-0.5865	*****	*****	*****	*****	*****
0.975	*****	-0.3410	-0.4017	-0.4829	-0.5472	*****	*****	*****	*****	*****
1.000	-0.3865	-0.9781	-1.0025	-1.2136	-1.1383	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.0894	0.0973	0.1729	*****	-0.6316	$C_{p,l}$	0.0894	0.0973	0.1729
-0.400	0.0747	0.1021	0.1261	-0.0306	-0.7340	0.0747	0.1021	0.1261	-0.0306	-0.7340
-0.600	0.0782	0.1009	0.1130	0.0025	-0.7310	0.0782	0.1009	0.1130	0.0025	-0.7310
-0.700	*****	0.0897	0.1076	0.0167	-0.7063	*****	0.0897	0.1076	0.0167	-0.7063
-0.800	*****	*****	0.0983	0.0328	-0.6488	*****	*****	0.0983	0.0328	-0.6488
-0.850	*****	0.1240	0.1058	0.0284	-0.6375	*****	0.1240	0.1058	0.0284	-0.6375
-0.900	0.1714	0.1623	0.1326	0.0493	-0.6713	0.1714	0.1623	0.1326	0.0493	-0.6713
-0.950	0.2040	0.1267	0.1900	0.1150	-0.2307	0.2040	0.1267	0.1900	0.1150	-0.2307
-0.975	*****	0.2225	0.2157	0.1596	-0.0526	*****	0.2225	0.2157	0.1596	-0.0526
-1.000	-0.4543	-0.9805	-0.9989	-1.0002	-0.9970	-0.4543	-0.9805	-0.9989	-1.0002	-0.9970

Surface Pressures

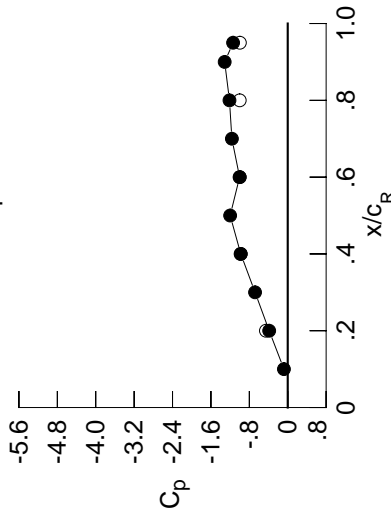
● upper, starboard
○ lower, port



Small Radius L.E.
Run No. = 50, Point No. = 1076
 $C_N = 0.193$, $C_m = -0.0310$
 $\alpha = 4.8^\circ$, $M_\infty = 0.850$
 $R_{mac} = 84.1 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.0792	*****
0.20	-0.3865	-0.4543
0.30	-0.6804	*****
0.40	-0.9781	-0.9805
0.50	-1.1997	*****
0.60	-1.0025	-0.9989
0.70	-1.1635	*****
0.80	-1.2136	-1.0002
0.90	-1.3138	*****
0.95	-1.1383	-0.9970

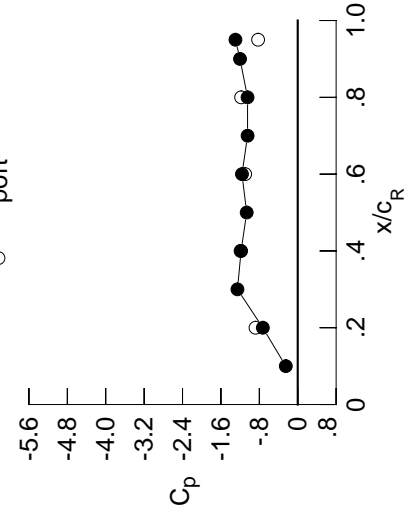
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1136	-0.0903	0.0655	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1117	-0.0922	0.0560	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1170	-0.0926	0.0409	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1210	-0.0901	0.0274	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0968	0.0113	-0.1971	-0.3169	*****	*****	*****	*****	*****
0.300	-0.1222	-0.0990	-0.0007	-0.1843	-0.4114	*****	*****	*****	*****	*****
0.350	-0.1444	-0.1064	-0.0144	-0.1726	-0.5487	*****	*****	*****	*****	*****
0.400	-0.1592	-0.1095	-0.0265	-0.1616	-0.6950	*****	*****	*****	*****	*****
0.450	-0.1784	-0.1192	-0.0222	-0.1587	-0.7337	*****	*****	*****	*****	*****
0.500	-0.1935	-0.1237	-0.0550	-0.1581	-0.7158	*****	*****	*****	*****	*****
0.525	*****	-0.1299	-0.0630	-0.1616	-0.7120	*****	*****	*****	*****	*****
0.550	-0.2152	-0.1469	-0.0723	-0.1626	-0.6777	*****	*****	*****	*****	*****
0.575	*****	-0.1544	-0.0729	-0.1689	-0.6648	*****	*****	*****	*****	*****
0.600	-0.2325	-0.1643	-0.0968	-0.1753	-0.6498	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1005	-0.1773	-0.6402	*****	*****	*****	*****	*****
0.650	-0.2499	-0.1877	-0.1154	-0.1822	-0.6390	*****	*****	*****	*****	*****
0.675	*****	-0.2076	-0.1306	-0.1919	-0.6215	*****	*****	*****	*****	*****
0.700	-0.2625	-0.2279	-0.1409	-0.2006	-0.6239	*****	*****	*****	*****	*****
0.725	*****	-0.2517	*****	-0.2127	-0.6503	*****	*****	*****	*****	*****
0.750	-0.2742	-0.2785	*****	-0.2193	-0.6914	*****	*****	*****	*****	*****
0.775	*****	-0.3062	-0.2033	-0.2410	-0.7306	*****	*****	*****	*****	*****
0.800	-0.2737	-0.3324	-0.2441	-0.2608	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3591	-0.2717	-0.2682	-0.7139	*****	*****	*****	*****	*****
0.850	-0.2654	-0.3810	-0.3141	-0.3206	-0.6610	*****	*****	*****	*****	*****
0.875	*****	-0.3983	-0.3726	-0.3585	-0.6526	*****	*****	*****	*****	*****
0.900	-0.2516	-0.4073	-0.4086	-0.4139	*****	*****	*****	*****	*****	*****
0.925	*****	-0.4147	-0.4659	-0.4855	-0.9791	*****	*****	*****	*****	*****
0.950	-0.2672	-0.4323	-0.4639	-0.5231	-0.6802	*****	*****	*****	*****	*****
0.975	*****	-0.4630	-0.6372	-0.6907	-0.6372	*****	*****	*****	*****	*****
1.000	-0.7271	-1.1799	-1.1614	-1.0455	-1.2974	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1142	0.1194	0.1893	*****	*****	*****	*****	*****	*****	*****
-0.600	0.1031	0.1254	0.1444	-0.0129	-0.7253	*****	*****	*****	*****	*****
-0.700	0.1102	0.1272	0.1349	0.0197	-0.7133	*****	*****	*****	*****	*****
-0.800	*****	0.1205	0.1311	0.0365	-0.6887	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1269	0.0548	-0.6262	*****	*****	*****	*****	*****
-0.900	0.2011	0.1949	0.1363	0.0552	-0.6116	*****	*****	*****	*****	*****
-0.950	0.2293	0.1379	0.1638	0.0803	-0.6291	*****	*****	*****	*****	*****
-0.975	*****	0.2227	0.2111	0.1406	-0.2100	*****	*****	*****	*****	*****
-1.000	-0.8792	-1.1901	-1.0953	-1.1790	-0.0382	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 50, Point No. = 1077
 $C_N = 0.244$, $C_m = -0.0415$
 $\alpha = 6.0^\circ$, $M_\infty = 0.849$
 $R_{mac} = 84.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.2487	*****
0.20	-0.7271	-0.8792
0.30	-1.2557	*****
0.40	-1.1799	-1.1901
0.50	-1.0634	*****
0.60	-1.1614	-1.0953
0.70	-1.0450	*****
0.80	-1.0455	-1.1790
0.90	-1.2025	*****
0.95	-1.2974	-0.8257

Surface Pressures

● upper, starboard
 ○ lower, port

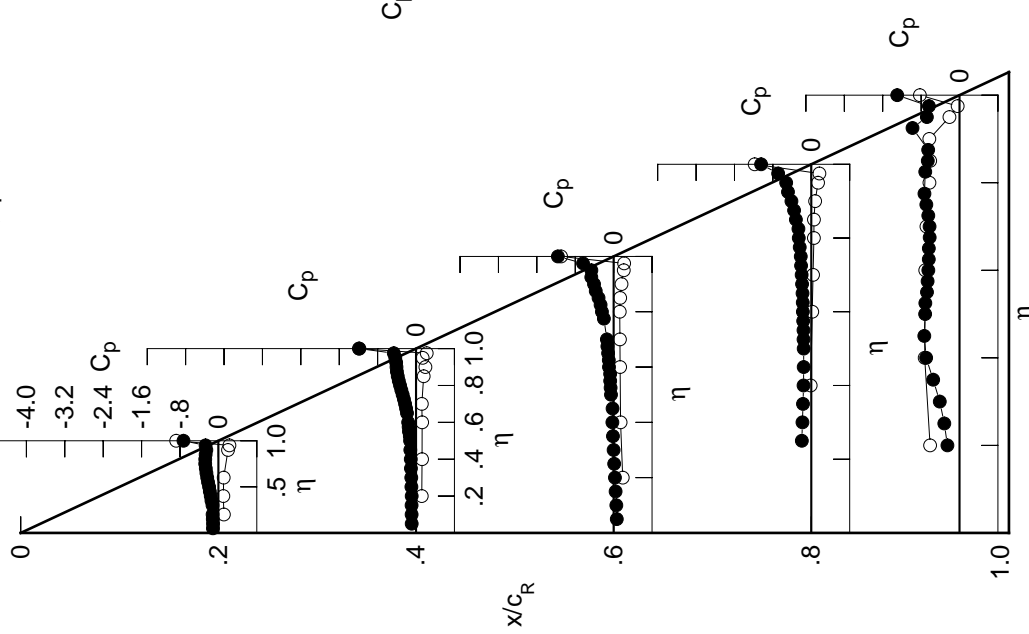


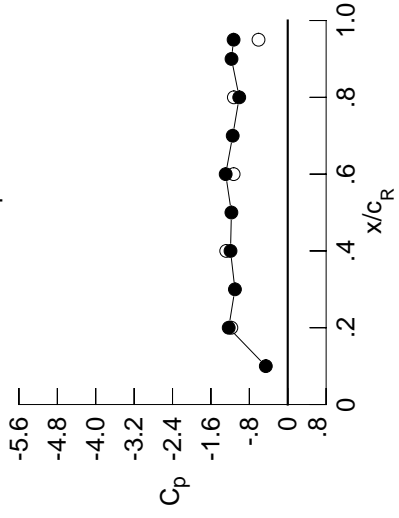
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1353	-0.1128	0.0480	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1352	-0.1149	0.0379	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1405	-0.1147	0.0229	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1447	-0.1136	0.0087	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1206	-0.0070	-0.2188	-0.2876	*****	*****	*****	*****	*****
0.300	-0.1467	-0.1241	-0.0187	-0.2036	-0.4111	*****	*****	*****	*****	*****
0.350	-0.1697	-0.1312	-0.0332	-0.1933	-0.5953	*****	*****	*****	*****	*****
0.400	-0.1865	-0.1360	-0.0492	-0.1834	-0.7469	*****	*****	*****	*****	*****
0.450	-0.2078	-0.1475	-0.0490	-0.1856	-0.7561	*****	*****	*****	*****	*****
0.500	-0.2257	-0.1559	-0.0860	-0.1909	-0.7299	*****	*****	*****	*****	*****
0.525	*****	-0.1645	-0.0957	-0.1921	-0.7381	*****	*****	*****	*****	*****
0.550	-0.2498	-0.1842	-0.1049	-0.1923	-0.7237	*****	*****	*****	*****	*****
0.575	*****	-0.1918	-0.1089	-0.2007	-0.7172	*****	*****	*****	*****	*****
0.600	-0.2717	-0.2016	-0.1353	-0.2102	-0.6860	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1390	-0.2127	-0.6550	*****	*****	*****	*****	*****
0.650	-0.2919	-0.2257	-0.1549	-0.2176	-0.6220	*****	*****	*****	*****	*****
0.675	*****	-0.2469	-0.1665	-0.2367	-0.5764	*****	*****	*****	*****	*****
0.700	-0.3091	-0.2680	-0.1716	-0.2480	-0.5549	*****	*****	*****	*****	*****
0.725	*****	-0.2916	*****	-0.2560	-0.5851	*****	*****	*****	*****	*****
0.750	-0.3254	-0.3174	*****	-0.2680	-0.6550	*****	*****	*****	*****	*****
0.775	*****	-0.3493	-0.2567	-0.2889	-0.7559	*****	*****	*****	*****	*****
0.800	-0.3300	-0.3844	-0.3038	-0.3154	*****	*****	*****	*****	*****	*****
0.825	*****	-0.4038	-0.3242	-0.3023	-0.7790	*****	*****	*****	*****	*****
0.850	-0.3308	-0.4300	-0.3428	-0.3195	-0.7785	*****	*****	*****	*****	*****
0.875	*****	-0.4539	-0.3993	-0.3859	-0.8326	*****	*****	*****	*****	*****
0.900	-0.3233	-0.4672	-0.4573	-0.4501	*****	*****	*****	*****	*****	*****
0.925	*****	-0.5018	-0.5760	-0.6949	-1.1241	*****	*****	*****	*****	*****
0.950	-0.3616	-0.5836	-0.5014	-0.7184	-0.8187	*****	*****	*****	*****	*****
0.975	*****	-0.7329	-1.0206	-0.9684	-0.8630	*****	*****	*****	*****	*****
1.000	-1.2295	-1.1919	-1.2929	-1.0101	-1.1283	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1375	0.1396	0.2048	*****	-0.6376	*****	*****	*****	*****	*****
-0.600	0.1274	0.1457	0.1596	0.0005	-0.7287	*****	*****	*****	*****	*****
-0.700	0.1376	0.1491	0.1506	0.0335	-0.7073	*****	*****	*****	*****	*****
-0.800	*****	0.1443	0.1502	0.0516	-0.6807	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1485	0.0725	-0.6143	*****	*****	*****	*****	*****
-0.900	*****	0.1861	0.1600	0.0756	-0.5966	*****	*****	*****	*****	*****
-0.950	0.2245	0.2169	0.1873	0.1023	-0.5982	*****	*****	*****	*****	*****
-0.975	0.2465	0.1412	0.2230	0.1544	-0.1925	*****	*****	*****	*****	*****
-1.000	*****	0.2120	0.2133	0.1694	-0.0240	*****	*****	*****	*****	*****
	-1.1743	-1.2815	-1.1270	-1.1227	-0.6091	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 50, Point No. = 1078
 $C_N = 0.297$, $C_m = -0.0527$
 $\alpha = 7.0^\circ$, $M_\infty = 0.850$
 $R_{mac} = 84.1 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	-0.4569	*****
0.20	-1.2295	-1.1743
0.30	-1.1002	*****
0.40	-1.1919	-1.2815
0.50	-1.1736	*****
0.60	-1.2929	-1.1270
0.70	-1.1460	*****
0.80	-1.0101	-1.1227
0.90	-1.1714	*****
0.95	-1.1283	-0.6091

Surface Pressures

- upper, starboard
- lower, port

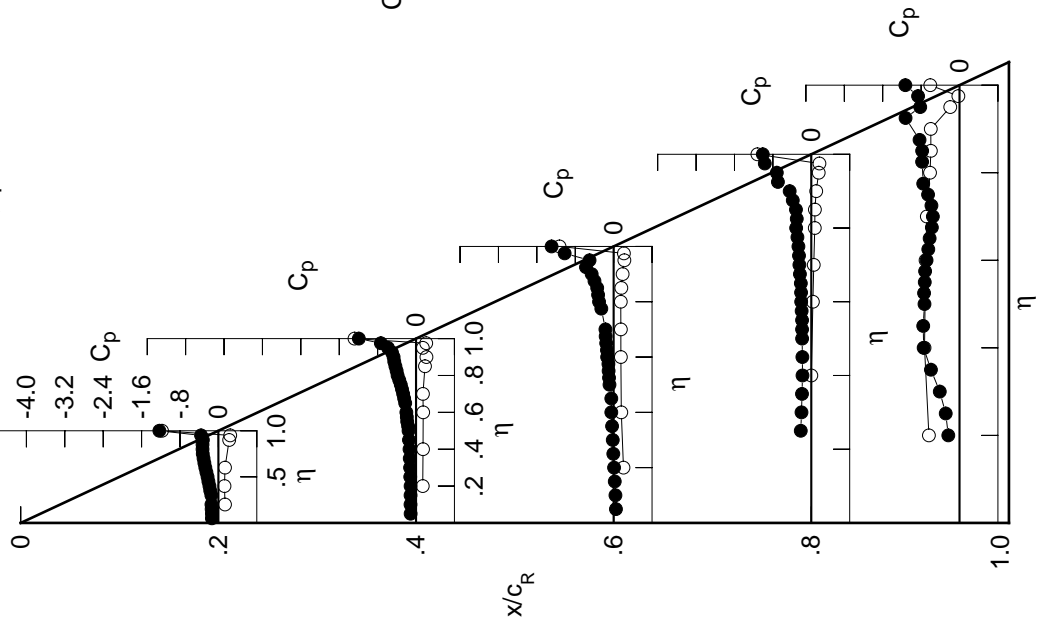


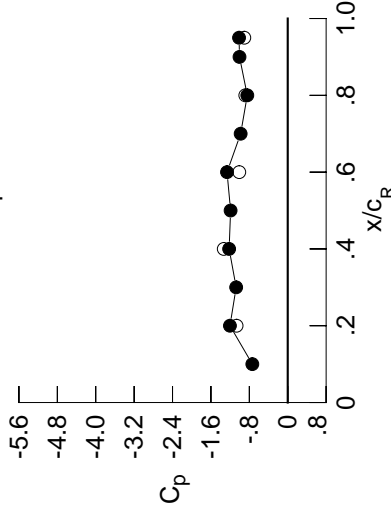
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1555	-0.1348	0.0303	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1579	-0.1378	0.0191	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1626	-0.1387	0.0052	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1695	-0.1372	-0.0078	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1446	-0.0236	-0.2437	-0.2795	*****	*****	*****	*****	*****
0.300	-0.1707	-0.1470	-0.0394	-0.2305	-0.4170	*****	*****	*****	*****	*****
0.350	-0.1946	-0.1573	-0.0598	-0.2236	-0.5373	*****	*****	*****	*****	*****
0.400	-0.2136	-0.1656	-0.0778	-0.2125	-0.6830	*****	*****	*****	*****	*****
0.450	-0.2371	-0.1849	-0.0760	-0.2128	-0.7429	*****	*****	*****	*****	*****
0.500	-0.2582	-0.1909	-0.1108	-0.2261	-0.7140	*****	*****	*****	*****	*****
0.525	*****	-0.1972	-0.1215	-0.2305	-0.7010	*****	*****	*****	*****	*****
0.550	-0.2852	-0.2184	-0.1312	-0.2296	-0.6473	*****	*****	*****	*****	*****
0.575	*****	-0.2275	-0.1377	-0.2416	-0.6158	*****	*****	*****	*****	*****
0.600	-0.3113	-0.2359	-0.1807	-0.2567	-0.5684	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1907	-0.2588	-0.5322	*****	*****	*****	*****	*****
0.650	-0.3355	-0.2562	-0.2056	-0.2594	-0.5085	*****	*****	*****	*****	*****
0.675	*****	-0.2784	-0.2137	-0.2724	-0.4888	*****	*****	*****	*****	*****
0.700	-0.3568	-0.3016	-0.2126	-0.3038	-0.4899	*****	*****	*****	*****	*****
0.725	*****	-0.3233	*****	-0.3461	-0.5175	*****	*****	*****	*****	*****
0.750	-0.3776	-0.3488	*****	-0.3428	-0.5430	*****	*****	*****	*****	*****
0.775	*****	-0.3773	-0.3173	-0.3263	-0.5931	*****	*****	*****	*****	*****
0.800	-0.3881	-0.4209	-0.3452	-0.3446	*****	*****	*****	*****	*****	*****
0.825	*****	-0.4664	-0.3788	-0.4129	-0.7905	*****	*****	*****	*****	*****
0.850	-0.4000	-0.4700	-0.3770	-0.5515	-0.7835	*****	*****	*****	*****	*****
0.875	*****	-0.4901	-0.3916	-0.6805	-0.6139	*****	*****	*****	*****	*****
0.900	-0.3982	-0.6028	-0.6610	-0.7630	*****	*****	*****	*****	*****	*****
0.925	*****	-0.7806	-0.8546	-0.8540	-0.7741	*****	*****	*****	*****	*****
0.950	-0.4369	-0.7736	-0.7495	-0.8483	-0.9142	*****	*****	*****	*****	*****
0.975	*****	-1.0424	-1.0088	-0.8312	-0.8412	*****	*****	*****	*****	*****
1.000	-1.2037	-1.2208	-1.2647	-0.8424	-1.0146	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1649	0.1626	0.2227	*****	*****	*****	*****	*****	*****	*****
-0.600	0.1551	0.1696	0.1787	0.0166	-0.7208	*****	*****	*****	*****	*****
-0.700	0.1682	0.1743	0.1715	0.0501	-0.6987	*****	*****	*****	*****	*****
-0.800	*****	0.1723	0.1726	0.0691	-0.6699	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1741	0.0926	-0.6030	*****	*****	*****	*****	*****
-0.900	0.2508	0.2396	0.2121	0.1243	-0.5807	*****	*****	*****	*****	*****
-0.950	0.2656	0.1459	0.2363	0.1694	-0.1954	*****	*****	*****	*****	*****
-0.975	*****	0.2029	0.2122	0.1737	-0.0444	*****	*****	*****	*****	*****
-1.000	-1.0657	-1.3327	-1.0093	-0.8839	-0.9044	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 50, Point No. = 1079
 $C_N = 0.355$, $C_m = -0.0647$
 $\alpha = 8.1^\circ$, $M_\infty = 0.849$
 $R_{mac} = 84.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.7372	*****
0.20	-1.2037	-1.0657
0.30	-1.0742	*****
0.40	-1.2208	-1.3327
0.50	-1.1903	*****
0.60	-1.2647	-1.0093
0.70	-0.9810	*****
0.80	-0.8424	-0.8839
0.90	-1.0045	*****
0.95	-1.0146	-0.9044

Surface Pressures

● upper, starboard
 ○ lower, port

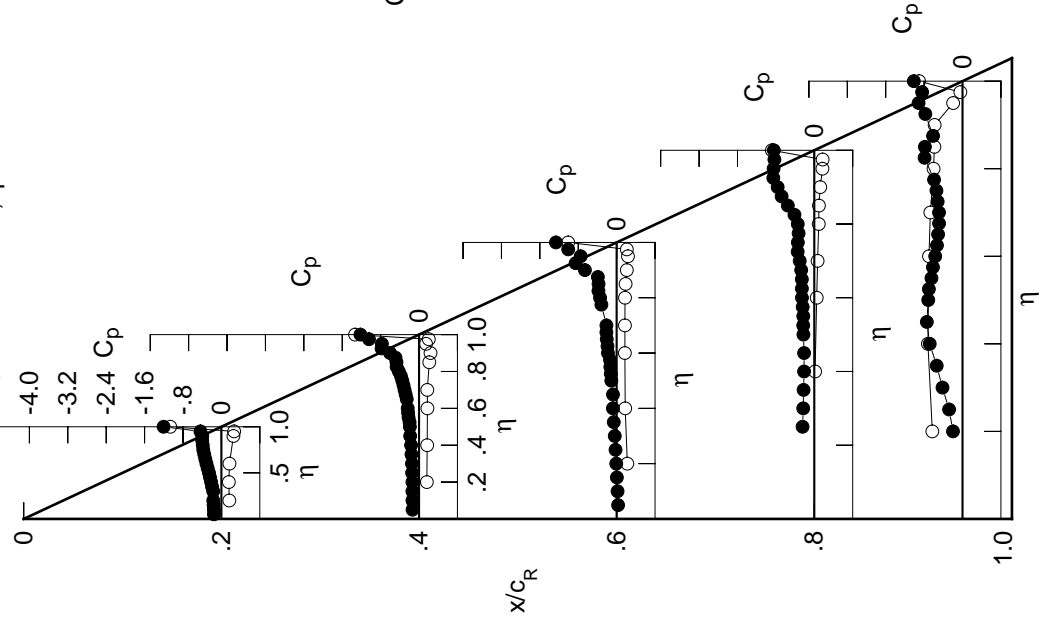


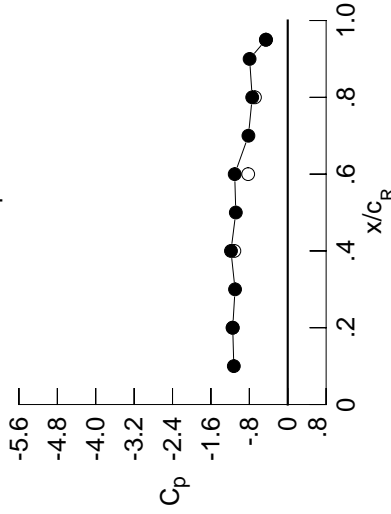
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1702	-0.1548	0.0125	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1735	-0.1570	0.0007	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1796	-0.1616	-0.0124	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1865	-0.1570	-0.0236	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1631	-0.0442	-0.2634	-0.3041	*****	*****	*****	*****	*****
0.300	-0.1887	-0.1693	-0.0642	-0.2553	-0.3995	*****	*****	*****	*****	*****
0.350	-0.2143	-0.1874	-0.0863	-0.2467	-0.4390	*****	*****	*****	*****	*****
0.400	-0.2345	-0.1965	-0.1040	-0.2337	-0.4880	*****	*****	*****	*****	*****
0.450	-0.2599	-0.2142	-0.0977	-0.2347	-0.4923	*****	*****	*****	*****	*****
0.500	-0.2832	-0.2175	-0.1246	-0.2591	-0.4695	*****	*****	*****	*****	*****
0.525	*****	-0.2194	-0.1362	-0.2648	-0.5172	*****	*****	*****	*****	*****
0.550	-0.3122	-0.2412	-0.1537	-0.2498	-0.6125	*****	*****	*****	*****	*****
0.575	*****	-0.2563	-0.1613	-0.2415	-0.7385	*****	*****	*****	*****	*****
0.600	-0.3386	-0.2649	-0.2112	-0.2385	-0.7614	*****	*****	*****	*****	*****
0.625	*****	*****	-0.2367	-0.2254	-0.7466	*****	*****	*****	*****	*****
0.650	-0.3695	-0.2857	-0.2649	-0.2213	-0.7535	*****	*****	*****	*****	*****
0.675	*****	-0.2964	-0.2562	-0.2426	-0.7668	*****	*****	*****	*****	*****
0.700	-0.3924	-0.3164	-0.2369	-0.3154	-0.8261	*****	*****	*****	*****	*****
0.725	*****	-0.3420	*****	-0.4603	-0.9163	*****	*****	*****	*****	*****
0.750	-0.4187	-0.3618	*****	-0.5707	-0.9732	*****	*****	*****	*****	*****
0.775	*****	-0.3950	-0.2894	-0.6425	-0.9638	*****	*****	*****	*****	*****
0.800	-0.4348	-0.5113	-0.5148	-0.6918	*****	*****	*****	*****	*****	*****
0.825	*****	-0.5993	-0.6324	-0.7663	-0.8076	*****	*****	*****	*****	*****
0.850	-0.4726	-0.5912	-0.7213	-0.8092	-0.7472	*****	*****	*****	*****	*****
0.875	*****	-0.6830	-0.8577	-0.7943	-0.6445	*****	*****	*****	*****	*****
0.900	-0.4483	-0.9055	-0.9173	-0.7817	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9739	-0.9266	-0.7804	-0.6244	*****	*****	*****	*****	*****
0.950	-0.4344	-0.8971	-0.9111	-0.7497	-0.6520	*****	*****	*****	*****	*****
0.975	*****	-1.1247	-0.8147	-0.7249	-0.5242	*****	*****	*****	*****	*****
1.000	-1.1458	-1.1825	-1.1048	-0.7400	-0.4518	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1934	0.1901	0.2426	*****	-0.6042	*****	*****	*****	*****	*****
-0.600	0.1870	0.1966	0.2009	0.0356	-0.7020	*****	*****	*****	*****	*****
-0.700	0.2022	0.2043	0.1955	0.0693	-0.6789	*****	*****	*****	*****	*****
-0.800	*****	0.2034	0.1975	0.0893	-0.6505	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2008	0.1133	-0.5804	*****	*****	*****	*****	*****
-0.900	0.2756	0.2649	0.2369	0.1469	-0.5489	*****	*****	*****	*****	*****
-0.950	0.2834	0.1468	0.2525	0.1855	-0.1726	*****	*****	*****	*****	*****
-0.975	*****	0.2000	0.2180	0.1789	-0.0201	*****	*****	*****	*****	*****
-1.000	-1.1493	-1.1118	-0.8237	-0.6833	-0.4563	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 50, Point No. = 1080
 $C_N = 0.421$, $C_m = -0.0778$
 $\alpha = 9.2^\circ$, $M_\infty = 0.850$
 $R_{mac} = 84.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1233	*****
0.20	-1.1458	-1.1493
0.30	-1.0978	*****
0.40	-1.1825	-1.1118
0.50	-1.0817	*****
0.60	-1.1048	-0.8237
0.70	-0.8189	*****
0.80	-0.7400	-0.6833
0.90	-0.7945	*****
0.95	-0.4518	-0.4563

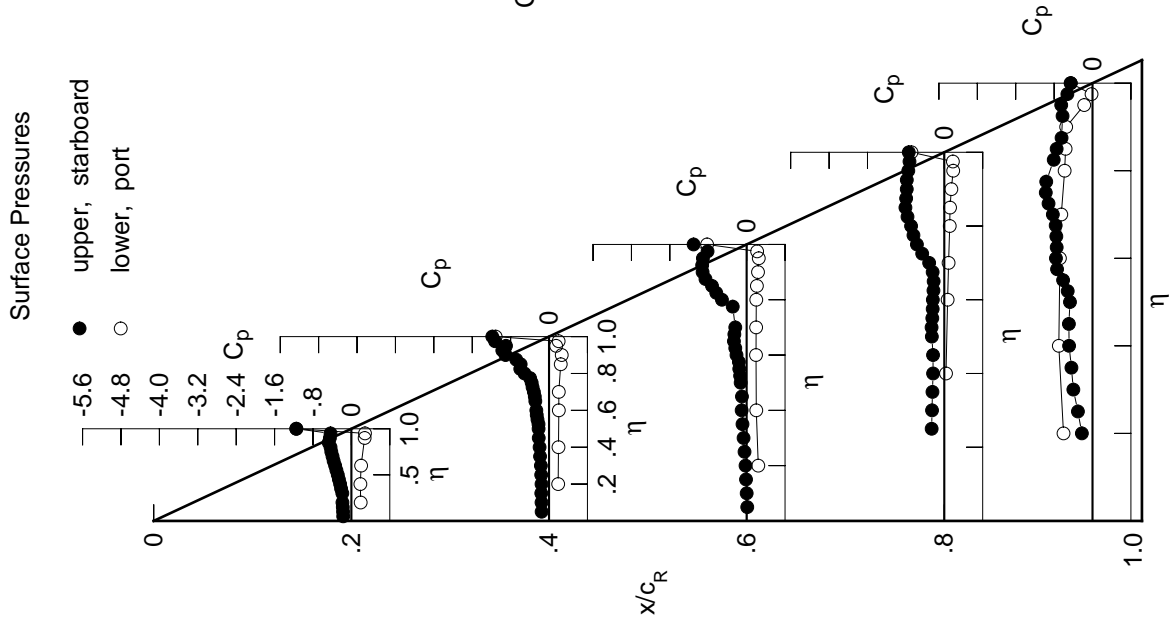


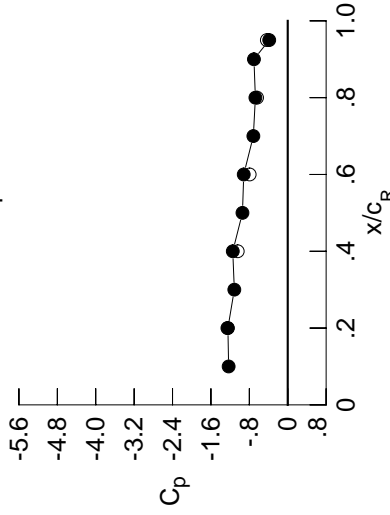
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1863	-0.1809	-0.0060	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1905	-0.1821	-0.0180	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1992	-0.1872	-0.0296	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2043	-0.1792	-0.0443	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1943	-0.0685	-0.2869	-0.2947	*****	*****	*****	*****	*****
0.300	-0.2121	-0.2050	-0.0923	-0.2845	-0.2926	*****	*****	*****	*****	*****
0.350	-0.2424	-0.2172	-0.1131	-0.2658	-0.2032	*****	*****	*****	*****	*****
0.400	-0.2620	-0.2331	-0.1204	-0.2465	-0.2959	*****	*****	*****	*****	*****
0.450	-0.2833	-0.2548	-0.1035	-0.2342	-0.5946	*****	*****	*****	*****	*****
0.500	-0.3046	-0.2510	-0.1254	-0.2195	-0.7537	*****	*****	*****	*****	*****
0.525	*****	-0.2512	-0.1264	-0.2189	-0.7481	*****	*****	*****	*****	*****
0.550	-0.3405	-0.2663	-0.1250	-0.2174	-0.7347	*****	*****	*****	*****	*****
0.575	*****	-0.2714	-0.1103	-0.2259	-0.7328	*****	*****	*****	*****	*****
0.600	-0.3601	-0.2806	-0.1648	-0.2346	-0.7180	*****	*****	*****	*****	*****
0.625	*****	*****	-0.2176	-0.2465	-0.7214	*****	*****	*****	*****	*****
0.650	-0.4025	-0.2944	-0.3066	-0.2971	-0.7888	*****	*****	*****	*****	*****
0.675	*****	-0.3056	-0.3617	-0.4335	-0.9133	*****	*****	*****	*****	*****
0.700	-0.4287	-0.3172	-0.4008	-0.6390	-1.0648	*****	*****	*****	*****	*****
0.725	*****	-0.3324	*****	-0.8381	-1.1551	*****	*****	*****	*****	*****
0.750	-0.4458	-0.4179	*****	-0.9416	-1.1500	*****	*****	*****	*****	*****
0.775	*****	-0.6344	-0.8647	-0.9986	-1.0734	*****	*****	*****	*****	*****
0.800	-0.4479	-0.8291	-0.9185	-0.9262	*****	*****	*****	*****	*****	*****
0.825	*****	-0.8453	-0.9059	-0.9227	-0.7238	*****	*****	*****	*****	*****
0.850	-0.5629	-0.8122	-0.8982	-0.8290	-0.6430	*****	*****	*****	*****	*****
0.875	*****	-0.9127	-0.8923	-0.7564	-0.5669	*****	*****	*****	*****	*****
0.900	-0.5589	-1.0442	-0.8669	-0.7170	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0405	-0.8316	-0.6999	-0.5664	*****	*****	*****	*****	*****
0.950	-0.6023	-0.9271	-0.7833	-0.6765	-0.4940	*****	*****	*****	*****	*****
0.975	*****	-1.1231	-0.7531	-0.6591	-0.4504	*****	*****	*****	*****	*****
1.000	-1.2464	-1.1452	-0.9166	-0.6739	-0.3853	*****	*****	*****	*****	*****
-0.200	0.2252	0.2167	0.2629	*****	-0.5838	*****	*****	*****	*****	*****
-0.400	0.2205	0.2248	0.2225	0.0545	-0.6850	*****	*****	*****	*****	*****
-0.600	0.2369	0.2335	0.2177	0.0880	-0.6618	*****	*****	*****	*****	*****
-0.700	*****	0.2346	0.2207	0.1087	-0.6343	*****	*****	*****	*****	*****
-0.800	*****	*****	0.2246	0.1328	-0.5621	*****	*****	*****	*****	*****
-0.850	*****	0.2723	0.2379	0.1402	-0.5402	*****	*****	*****	*****	*****
-0.900	0.2997	0.2882	0.2577	0.1678	-0.5234	*****	*****	*****	*****	*****
-0.950	0.3001	0.1498	0.2612	0.1978	-0.1613	*****	*****	*****	*****	*****
-0.975	*****	0.1930	0.2136	0.1784	-0.0201	*****	*****	*****	*****	*****
-1.000	-1.2571	-1.0412	-0.7928	-0.6389	-0.4353	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 50, Point No. = 1081
 $C_N = 0.488$, $C_m = -0.0887$
 $\alpha = 10.3^\circ$, $M_\infty = 0.850$
 $R_{mac} = 84.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starboard C_p	port C_p
0.10	-1.2314	*****
0.20	-1.2464	*****
0.30	-1.1126	*****
0.40	-1.1452	-1.0412
0.50	-0.9429	*****
0.60	-0.9166	-0.7928
0.70	-0.7163	*****
0.80	-0.6739	-0.6389
0.90	-0.7039	*****
0.95	-0.3853	-0.4353

Surface Pressures

● upper, starboard
 ○ lower, port

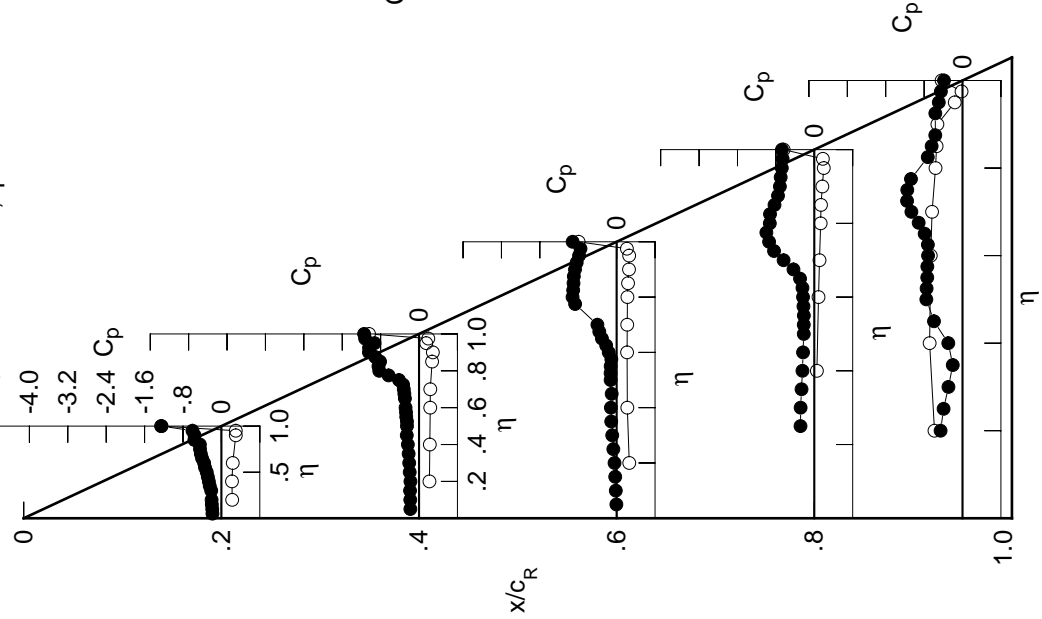


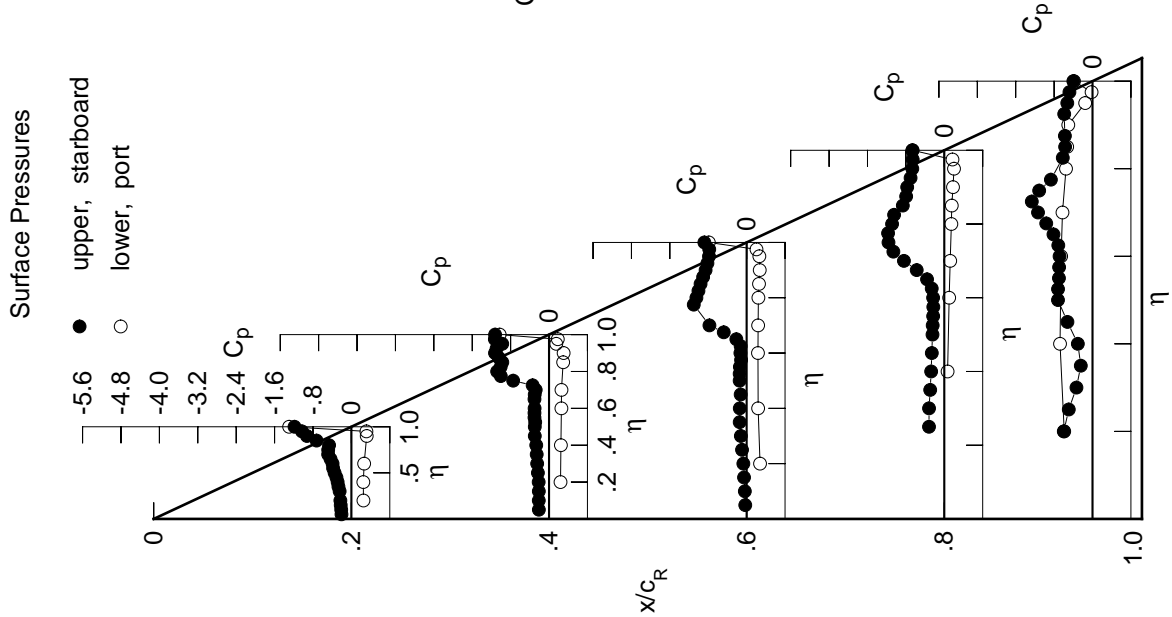
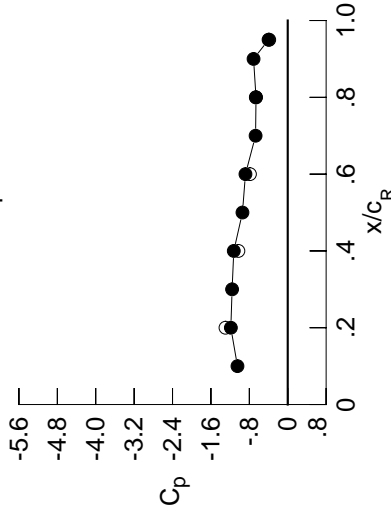
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2063	-0.2123	-0.0285	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2118	-0.2135	-0.0373	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2224	-0.2131	-0.0545	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2295	-0.2163	-0.0691	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2321	-0.0960	-0.3180	-0.4943	*****	*****	*****	*****	*****
0.300	-0.2450	-0.2474	-0.1210	-0.3180	-0.3344	*****	*****	*****	*****	*****
0.350	-0.2692	-0.2566	-0.1445	-0.2936	-0.2437	*****	*****	*****	*****	*****
0.400	-0.2861	-0.2662	-0.1431	-0.2737	-0.3055	*****	*****	*****	*****	*****
0.450	-0.3113	-0.2967	-0.1248	-0.2602	-0.5222	*****	*****	*****	*****	*****
0.500	-0.3500	-0.2967	-0.1455	-0.2458	-0.7196	*****	*****	*****	*****	*****
0.525	*****	-0.2881	-0.1455	-0.2420	-0.7185	*****	*****	*****	*****	*****
0.550	-0.3809	-0.3030	-0.1409	-0.2318	-0.6993	*****	*****	*****	*****	*****
0.575	*****	-0.3035	-0.1160	-0.2287	-0.6956	*****	*****	*****	*****	*****
0.600	-0.3916	-0.3010	-0.1301	-0.2330	-0.6860	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1246	-0.2615	-0.7125	*****	*****	*****	*****	*****
0.650	-0.4348	-0.3033	-0.2140	-0.3592	-0.8135	*****	*****	*****	*****	*****
0.675	*****	-0.2986	-0.4770	-0.5745	-0.9641	*****	*****	*****	*****	*****
0.700	-0.4843	-0.2777	-0.7749	-0.8407	-1.1351	*****	*****	*****	*****	*****
0.725	*****	-0.3417	*****	-1.0610	-1.2650	*****	*****	*****	*****	*****
0.750	-0.4832	-0.7471	*****	-1.1623	-1.1109	*****	*****	*****	*****	*****
0.775	*****	-1.0052	-1.1017	-1.1710	-0.8676	*****	*****	*****	*****	*****
0.800	-0.4647	-1.0807	-1.0466	-1.0877	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0072	-1.0038	-1.0453	-0.6191	*****	*****	*****	*****	*****
0.850	-0.7254	-0.9735	-0.9597	-0.8641	-0.5707	*****	*****	*****	*****	*****
0.875	*****	-1.0471	-0.9066	-0.7945	-0.5756	*****	*****	*****	*****	*****
0.900	-0.9262	-1.1255	-0.8554	-0.7732	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0919	-0.8169	-0.7025	-0.5897	*****	*****	*****	*****	*****
0.950	-1.0297	-0.9753	-0.7838	-0.6666	-0.5257	*****	*****	*****	*****	*****
0.975	*****	-1.1290	-0.7795	-0.6576	-0.4810	*****	*****	*****	*****	*****
1.000	-1.1852	-1.1237	-0.8808	-0.6608	-0.3988	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.2510	0.2395	0.2791	*****	*****	*****	*****	*****	*****
-0.400	*****	0.2486	0.2475	0.2396	0.0688	-0.6766	*****	*****	*****	*****
-0.600	*****	0.2656	0.2574	0.2358	0.1017	-0.6539	*****	*****	*****	*****
-0.700	*****	*****	0.2591	0.2391	0.1233	-0.6258	*****	*****	*****	*****
-0.800	*****	*****	*****	0.2445	0.1474	-0.5518	*****	*****	*****	*****
-0.850	*****	*****	0.2942	0.2575	0.1560	-0.5284	*****	*****	*****	*****
-0.900	0.3189	0.3042	0.2732	0.1818	-0.5047	*****	*****	*****	*****	*****
-0.950	0.3125	0.1501	0.2648	0.2026	-0.1526	*****	*****	*****	*****	*****
-0.975	*****	0.1825	0.2046	0.1705	-0.0193	*****	*****	*****	*****	*****
-1.000	-1.2966	-1.0282	-0.7872	-0.6645	-0.3853	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 50, Point No. = 1082
 $C_N = 0.544$, $C_m = -0.0963$
 $\alpha = 11.3^\circ$, $M_\infty = 0.850$
 $R_{mac} = 84.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0470	*****
0.20	-1.1852	-1.2966
0.30	-1.1590	*****
0.40	-1.1237	-1.0282
0.50	-0.9429	*****
0.60	-0.8808	-0.7872
0.70	-0.6700	*****
0.80	-0.6608	-0.6645
0.90	-0.7121	*****
0.95	-0.3988	-0.3853

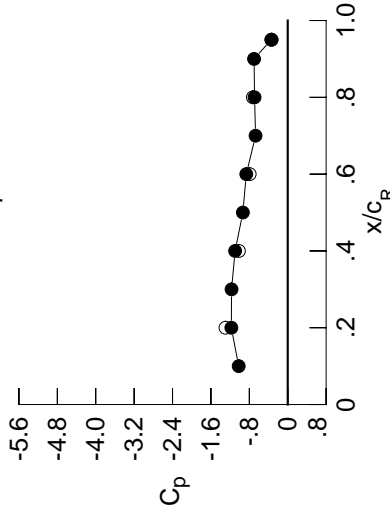
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2243	-0.2434	-0.0481	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2272	-0.2410	-0.0564	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2418	-0.2423	-0.0731	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2594	-0.2481	-0.0932	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2721	-0.1187	-0.3357	-0.6565	*****	*****	*****	*****	*****
0.300	-0.2683	-0.2819	-0.1331	-0.3301	-0.5194	*****	*****	*****	*****	*****
0.350	-0.2868	-0.2847	-0.1637	-0.3201	-0.3903	*****	*****	*****	*****	*****
0.400	-0.3015	-0.2831	-0.1808	-0.2995	-0.3795	*****	*****	*****	*****	*****
0.450	-0.3353	-0.3080	-0.1574	-0.2829	-0.5127	*****	*****	*****	*****	*****
0.500	-0.3814	-0.3541	-0.1728	-0.2686	-0.6575	*****	*****	*****	*****	*****
0.525	*****	-0.3546	-0.1710	-0.2671	-0.6750	*****	*****	*****	*****	*****
0.550	-0.4049	-0.3565	-0.1687	-0.2657	-0.6687	*****	*****	*****	*****	*****
0.575	*****	-0.3471	-0.1533	-0.2800	-0.6866	*****	*****	*****	*****	*****
0.600	-0.4041	-0.3426	-0.1989	-0.3192	-0.7188	*****	*****	*****	*****	*****
0.625	*****	*****	-0.2521	-0.4075	-0.7985	*****	*****	*****	*****	*****
0.650	-0.4226	-0.3234	-0.4404	-0.5751	-0.9435	*****	*****	*****	*****	*****
0.675	*****	-0.3261	-0.7464	-0.8133	-1.0958	*****	*****	*****	*****	*****
0.700	-0.4799	-0.4231	-0.9953	-1.0377	-1.2421	*****	*****	*****	*****	*****
0.725	*****	-0.7833	*****	-1.2054	-0.9638	*****	*****	*****	*****	*****
0.750	-0.4605	-1.1083	*****	-1.2809	-0.8598	*****	*****	*****	*****	*****
0.775	*****	-1.1973	-1.1914	-1.2527	-0.7562	*****	*****	*****	*****	*****
0.800	-0.7185	-1.1957	-1.1313	-1.0039	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1220	-1.0774	-0.9347	-0.5831	*****	*****	*****	*****	*****
0.850	-0.9691	-1.1001	-1.0106	-0.8587	-0.5459	*****	*****	*****	*****	*****
0.875	*****	-1.1370	-0.9317	-0.8236	-0.5509	*****	*****	*****	*****	*****
0.900	-1.0701	-1.1549	-0.8669	-0.7963	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0955	-0.8248	-0.7193	-0.5454	*****	*****	*****	*****	*****
0.950	-1.1238	-1.0028	-0.7869	-0.7007	-0.4795	*****	*****	*****	*****	*****
0.975	*****	-1.0992	-0.7687	-0.6938	-0.4204	*****	*****	*****	*****	*****
1.000	-1.1748	-1.0962	-0.8629	-0.6911	-0.3429	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.2809	0.2653	0.2970	*****	*****	*****	*****	*****	*****
-0.400	*****	0.2802	0.2727	0.2588	0.0845	-0.6656	*****	*****	*****	*****
-0.600	0.2974	0.2830	0.2554	0.1181	-0.6440	*****	*****	*****	*****	*****
-0.700	*****	0.2861	0.2594	0.1385	-0.6156	*****	*****	*****	*****	*****
-0.800	*****	*****	0.2641	0.1632	-0.5389	*****	*****	*****	*****	*****
-0.850	*****	0.3162	0.2756	0.1713	-0.5122	*****	*****	*****	*****	*****
-0.900	0.3395	0.3204	0.2872	0.1947	-0.4845	*****	*****	*****	*****	*****
-0.950	0.3265	0.1507	0.2671	0.2047	-0.1407	*****	*****	*****	*****	*****
-0.975	*****	0.1717	0.1940	0.1589	-0.0143	*****	*****	*****	*****	*****
-1.000	-1.2965	-1.0168	-0.7927	-0.7263	-0.3343	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 50, Point No. = 1083
 $C_N = 0.600$, $C_m = -0.1028$
 $\alpha = 12.4^\circ$, $M_\infty = 0.850$
 $R_{mac} = 84.2 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0218	*****
0.20	-1.1748	-1.2965
0.30	-1.1707	*****
0.40	-1.0962	-1.0168
0.50	-0.9347	*****
0.60	-0.8629	-0.7927
0.70	-0.6701	*****
0.80	-0.6911	-0.7263
0.90	-0.7014	*****
0.95	-0.3429	-0.3343

Surface Pressures

● upper, starboard
 ○ lower, port

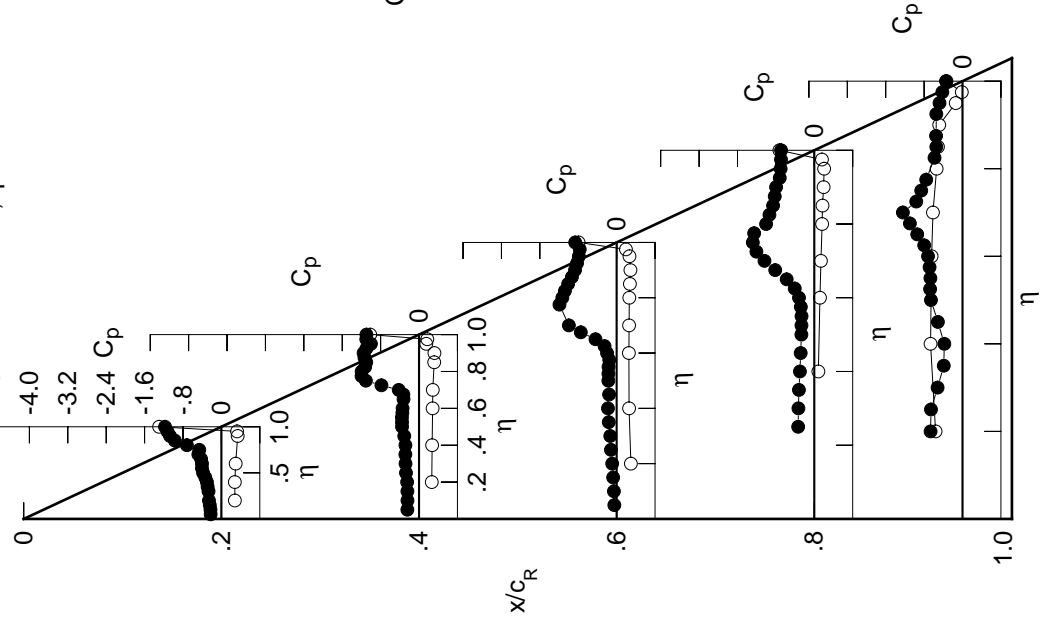


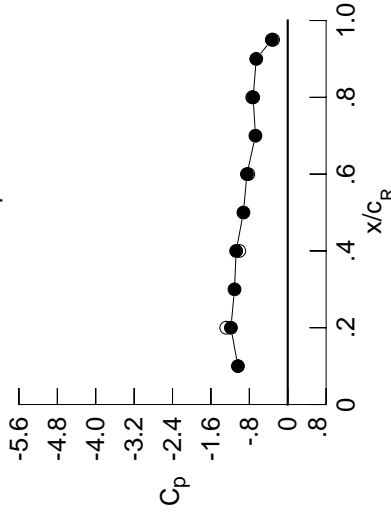
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2488	-0.2805	-0.0690	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2484	-0.2766	-0.0774	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2689	-0.2811	-0.0975	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2903	-0.2925	-0.1261	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3163	-0.1395	-0.3697	-0.3101	*****	*****	*****	*****	*****
0.300	-0.2928	-0.3129	-0.1386	-0.3471	-0.2901	*****	*****	*****	*****	*****
0.350	-0.3131	-0.3095	-0.1488	-0.3276	-0.3750	*****	*****	*****	*****	*****
0.400	-0.3312	-0.3019	-0.1555	-0.3097	-0.6041	*****	*****	*****	*****	*****
0.450	-0.3667	-0.2967	-0.1303	-0.2973	-0.6880	*****	*****	*****	*****	*****
0.500	-0.4216	-0.2729	-0.1579	-0.2894	-0.6794	*****	*****	*****	*****	*****
0.525	*****	-0.2669	-0.1643	-0.3012	-0.6796	*****	*****	*****	*****	*****
0.550	-0.4340	-0.3010	-0.1911	-0.3228	-0.6920	*****	*****	*****	*****	*****
0.575	*****	-0.3287	-0.2487	-0.3844	-0.7477	*****	*****	*****	*****	*****
0.600	-0.4316	-0.4023	-0.4702	-0.4917	-0.8266	*****	*****	*****	*****	*****
0.625	*****	*****	-0.7024	-0.6606	-0.9507	*****	*****	*****	*****	*****
0.650	-0.4346	-0.8554	-0.9645	-0.8743	-1.1131	*****	*****	*****	*****	*****
0.675	*****	-1.1040	-1.1668	-1.0874	-1.2517	*****	*****	*****	*****	*****
0.700	-0.4107	-1.2220	-1.2612	-1.2487	-0.9212	*****	*****	*****	*****	*****
0.725	*****	-1.2529	*****	-1.3597	-0.8479	*****	*****	*****	*****	*****
0.750	-0.5576	-1.2335	*****	-1.3665	-0.7832	*****	*****	*****	*****	*****
0.775	*****	-1.1798	-1.1679	-1.1034	-0.6881	*****	*****	*****	*****	*****
0.800	-1.1409	-1.1043	-1.1218	-0.9472	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0416	-1.0654	-0.8752	-0.5806	*****	*****	*****	*****	*****
0.850	-1.2032	-1.0268	-0.9786	-0.8436	-0.5550	*****	*****	*****	*****	*****
0.875	*****	-1.0725	-0.9025	-0.8296	-0.5633	*****	*****	*****	*****	*****
0.900	-1.1449	-1.1104	-0.8523	-0.8031	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0484	-0.8168	-0.7360	-0.5357	*****	*****	*****	*****	*****
0.950	-1.2069	-0.9786	-0.7792	-0.7257	-0.4523	*****	*****	*****	*****	*****
0.975	*****	-1.1022	-0.7599	-0.7219	-0.3966	*****	*****	*****	*****	*****
1.000	-1.1840	-1.0746	-0.8497	-0.7201	-0.3315	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3123	0.2897	0.3157	*****	-0.5802	*****	*****	*****	*****	*****
-0.600	0.3111	0.2989	0.2772	0.0997	-0.6593	*****	*****	*****	*****	*****
-0.700	0.3284	0.3080	0.2747	0.1328	-0.6358	*****	*****	*****	*****	*****
-0.800	*****	0.3109	0.2781	0.1545	-0.6054	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2823	0.1783	-0.5272	*****	*****	*****	*****	*****
-0.900	*****	0.3357	0.2920	0.1858	-0.4995	*****	*****	*****	*****	*****
-0.950	0.3587	0.3333	0.2991	0.2068	-0.4667	*****	*****	*****	*****	*****
-0.975	0.3385	0.1468	0.2660	0.2071	-0.1327	*****	*****	*****	*****	*****
-1.000	*****	0.1594	0.1799	0.1496	-0.0145	*****	*****	*****	*****	*****
	-1.2802	-1.0108	-0.8213	-0.7393	-0.3050	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 50, Point No. = 1084
 $C_N = 0.656$, $C_m = -0.1086$
 $\alpha = 13.4^\circ$, $M_\infty = 0.851$
 $R_{mac} = 84.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0376	*****
0.20	-1.1840	-1.2802
0.30	-1.1089	*****
0.40	-1.0746	-1.0108
0.50	-0.9234	*****
0.60	-0.8497	-0.8213
0.70	-0.6728	*****
0.80	-0.7201	-0.7393
0.90	-0.6563	*****
0.95	-0.3315	-0.3050

Surface Pressures

● upper, starboard
 ○ lower, port

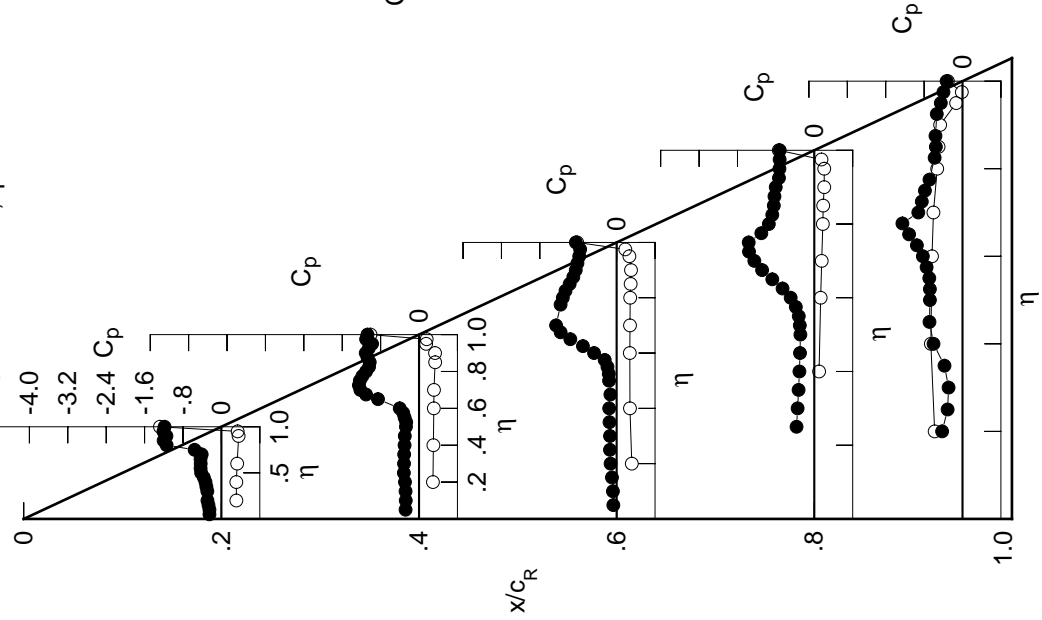


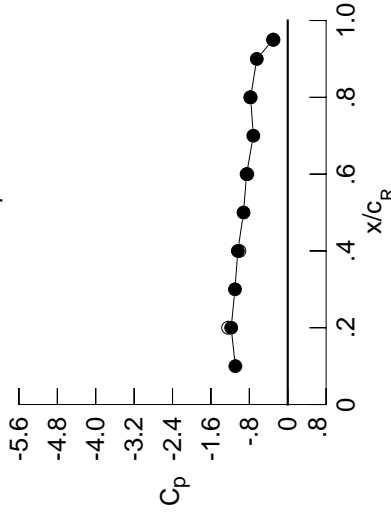
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2821	-0.3231	-0.0887	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2770	-0.3196	-0.0976	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3013	-0.3320	-0.1199	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3187	-0.3357	-0.1366	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3406	-0.1561	-0.3956	-0.5000	*****	*****	*****	*****	*****
0.300	-0.3229	-0.3487	-0.1612	-0.3805	-0.4088	*****	*****	*****	*****	*****
0.350	-0.3370	-0.3537	-0.1700	-0.3593	-0.4901	*****	*****	*****	*****	*****
0.400	-0.3474	-0.3474	-0.1768	-0.3436	-0.6669	*****	*****	*****	*****	*****
0.450	-0.3637	-0.3424	-0.1561	-0.3367	-0.6998	*****	*****	*****	*****	*****
0.500	-0.4055	-0.3235	-0.2065	-0.3485	-0.7083	*****	*****	*****	*****	*****
0.525	*****	-0.3159	-0.2488	-0.3802	-0.7279	*****	*****	*****	*****	*****
0.550	-0.4984	-0.3522	-0.3352	-0.4339	-0.7717	*****	*****	*****	*****	*****
0.575	*****	-0.4184	-0.4696	-0.5377	-0.8634	*****	*****	*****	*****	*****
0.600	-0.5035	-0.5956	-0.7320	-0.6833	-0.9684	*****	*****	*****	*****	*****
0.625	*****	*****	-0.9439	-0.8657	-1.0987	*****	*****	*****	*****	*****
0.650	-0.5509	-1.1792	-1.1341	-1.0598	-1.1651	*****	*****	*****	*****	*****
0.675	*****	-1.3692	-1.2883	-1.2332	-0.7762	*****	*****	*****	*****	*****
0.700	-0.7643	-1.4181	-1.3648	-1.3594	-0.7376	*****	*****	*****	*****	*****
0.725	*****	-1.3853	*****	-1.1695	-0.6566	*****	*****	*****	*****	*****
0.750	-1.0192	-1.3372	*****	-1.0568	-0.5688	*****	*****	*****	*****	*****
0.775	*****	-1.3020	-1.2619	-1.0444	-0.5288	*****	*****	*****	*****	*****
0.800	-1.1726	-1.2260	-1.1189	-1.0207	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1381	-1.0186	-0.9889	-0.5128	*****	*****	*****	*****	*****
0.850	-1.2201	-1.0984	-0.9653	-0.9736	-0.4962	*****	*****	*****	*****	*****
0.875	*****	-1.1003	-0.9369	-0.9198	-0.5013	*****	*****	*****	*****	*****
0.900	-1.1445	-1.0871	-0.9182	-0.8350	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0243	-0.8663	-0.7748	-0.4947	*****	*****	*****	*****	*****
0.950	-1.1965	-0.9705	-0.8118	-0.7795	-0.4223	*****	*****	*****	*****	*****
0.975	*****	-1.0534	-0.7930	-0.7758	-0.3661	*****	*****	*****	*****	*****
1.000	-1.1787	-1.0394	-0.8570	-0.7727	-0.3059	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3420	0.3141	0.3332	*****	-0.5816	*****	*****	*****	*****	*****
-0.600	0.3419	0.3221	0.2949	0.1135	-0.6556	*****	*****	*****	*****	*****
-0.700	0.3586	0.3314	0.2920	0.1454	-0.6312	*****	*****	*****	*****	*****
-0.800	*****	0.3341	0.2958	0.1667	-0.5992	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2991	0.1908	-0.5189	*****	*****	*****	*****	*****
-0.900	*****	0.3532	0.3075	0.1980	-0.4903	*****	*****	*****	*****	*****
-0.950	0.3771	0.3439	0.3100	0.2161	-0.4524	*****	*****	*****	*****	*****
-0.975	0.3497	0.1434	0.2639	0.2054	-0.1285	*****	*****	*****	*****	*****
-1.000	*****	0.1464	0.1652	0.1364	-0.0181	*****	*****	*****	*****	*****
	-1.2428	-1.0070	-0.8414	-0.7803	-0.2971	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 50, Point No. = 1085
 $C_N = 0.707$, $C_m = -0.1117$
 $\alpha = 14.5^\circ$, $M_\infty = 0.849$
 $R_{mac} = 84.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0911	*****
0.20	-1.1787	-1.2428
0.30	-1.0995	*****
0.40	-1.0394	-1.0070
0.50	-0.9212	*****
0.60	-0.8570	-0.8414
0.70	-0.7169	*****
0.80	-0.7727	-0.7803
0.90	-0.6447	*****
0.95	-0.3059	-0.2971

Surface Pressures

● upper, starboard
 ○ lower, port

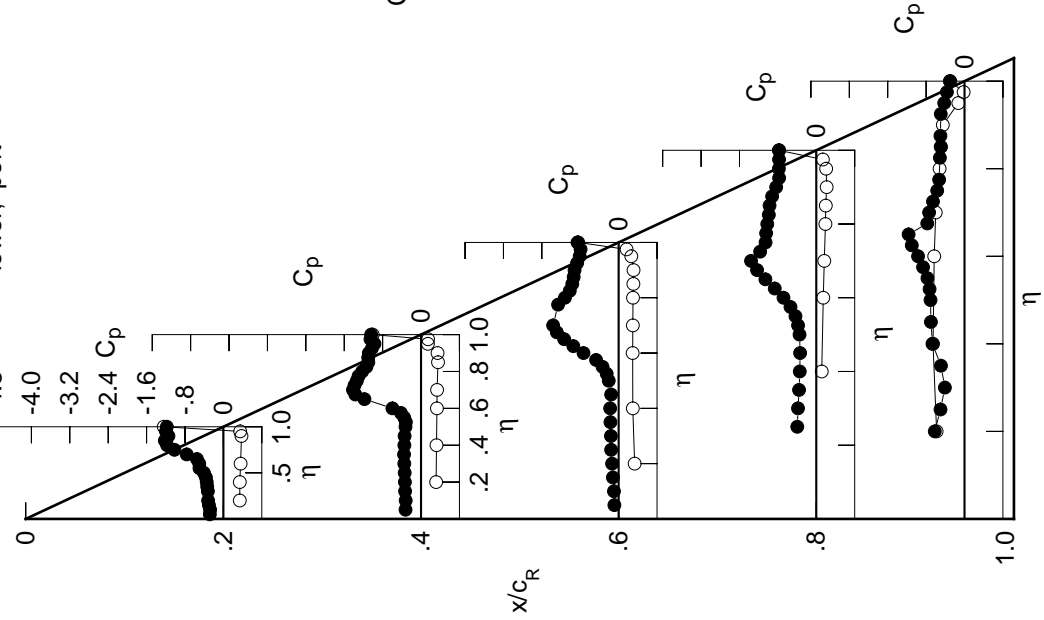


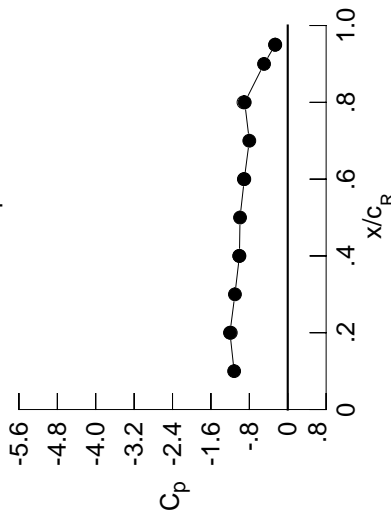
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3159	-0.3923	-0.1166	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3131	-0.3941	-0.1280	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3401	-0.4060	-0.1536	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3497	-0.4016	-0.1605	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.4032	-0.1770	-0.4501	-0.6317	*****	*****	*****	*****	*****
0.300	-0.3383	-0.4003	-0.1853	-0.4383	-0.6495	*****	*****	*****	*****	*****
0.350	-0.3566	-0.4024	-0.2048	-0.4216	-0.7010	*****	*****	*****	*****	*****
0.400	-0.3622	-0.3987	-0.2298	-0.4186	-0.7328	*****	*****	*****	*****	*****
0.450	-0.3560	-0.4110	-0.2553	-0.4422	-0.7472	*****	*****	*****	*****	*****
0.500	-0.3367	-0.4506	-0.4177	-0.5208	-0.8192	*****	*****	*****	*****	*****
0.525	*****	-0.5167	-0.5448	-0.6015	-0.8734	*****	*****	*****	*****	*****
0.550	-0.4987	-0.6949	-0.7064	-0.7097	-0.9523	*****	*****	*****	*****	*****
0.575	*****	-0.9066	-0.8719	-0.8535	-1.0614	*****	*****	*****	*****	*****
0.600	-0.8983	-1.1371	-1.0891	-1.0052	-1.1640	*****	*****	*****	*****	*****
0.625	*****	*****	-1.2383	-1.1559	-0.7835	*****	*****	*****	*****	*****
0.650	-1.2613	-1.4669	-1.3628	-1.2929	-0.6733	*****	*****	*****	*****	*****
0.675	*****	-1.5804	-1.4779	-1.0408	-0.5393	*****	*****	*****	*****	*****
0.700	-1.3115	-1.6206	-1.5029	-0.9580	-0.4671	*****	*****	*****	*****	*****
0.725	*****	-1.5655	*****	-0.9497	-0.4524	*****	*****	*****	*****	*****
0.750	-1.2857	-1.4398	*****	-0.9461	-0.4478	*****	*****	*****	*****	*****
0.775	*****	-1.4155	-1.2122	-0.9730	-0.4503	*****	*****	*****	*****	*****
0.800	-1.2706	-1.3453	-1.1398	-1.0073	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2409	-1.0948	-1.0108	-0.4442	*****	*****	*****	*****	*****
0.850	-1.2475	-1.1772	-1.0674	-0.9919	-0.4285	*****	*****	*****	*****	*****
0.875	*****	-1.1338	-1.0424	-0.9257	-0.4149	*****	*****	*****	*****	*****
0.900	-1.1516	-1.0833	-0.9796	-0.8828	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0211	-0.9162	-0.8804	-0.3749	*****	*****	*****	*****	*****
0.950	-1.1986	-0.9787	-0.8890	-0.9062	-0.3381	*****	*****	*****	*****	*****
0.975	*****	-1.0180	-0.8727	-0.9053	-0.3056	*****	*****	*****	*****	*****
1.000	-1.2036	-1.0062	-0.9047	-0.8962	-0.2597	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4029	0.3636	0.3695	*****	-0.5622	*****	*****	*****	*****	*****
-0.600	0.4030	0.3712	0.3321	0.1448	-0.6362	*****	*****	*****	*****	*****
-0.700	0.4178	0.3797	0.3296	0.1759	-0.6096	*****	*****	*****	*****	*****
-0.800	*****	0.3811	0.3323	0.1969	-0.5751	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3328	0.2193	-0.4885	*****	*****	*****	*****	*****
-0.900	0.4108	0.3647	0.3273	0.2360	-0.4159	*****	*****	*****	*****	*****
-0.950	0.3698	0.1426	0.2548	0.2027	-0.1115	*****	*****	*****	*****	*****
-0.975	*****	0.1199	0.1305	0.1073	-0.0173	*****	*****	*****	*****	*****
-1.000	-1.1866	-1.0116	-0.9139	-0.9213	-0.2640	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 50, Point No. = 1086
 $C_N = 0.802$, $C_m = -0.1159$
 $\alpha = 16.6^\circ$, $M_\infty = 0.850$
 $R_{mac} = 84.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1172	*****
0.20	-1.2036	-1.1866
0.30	-1.1000	*****
0.40	-1.0062	-1.0116
0.50	-0.9937	*****
0.60	-0.9047	-0.9139
0.70	-0.8005	*****
0.80	-0.8962	-0.9213
0.90	-0.4933	*****
0.95	-0.2597	-0.2640

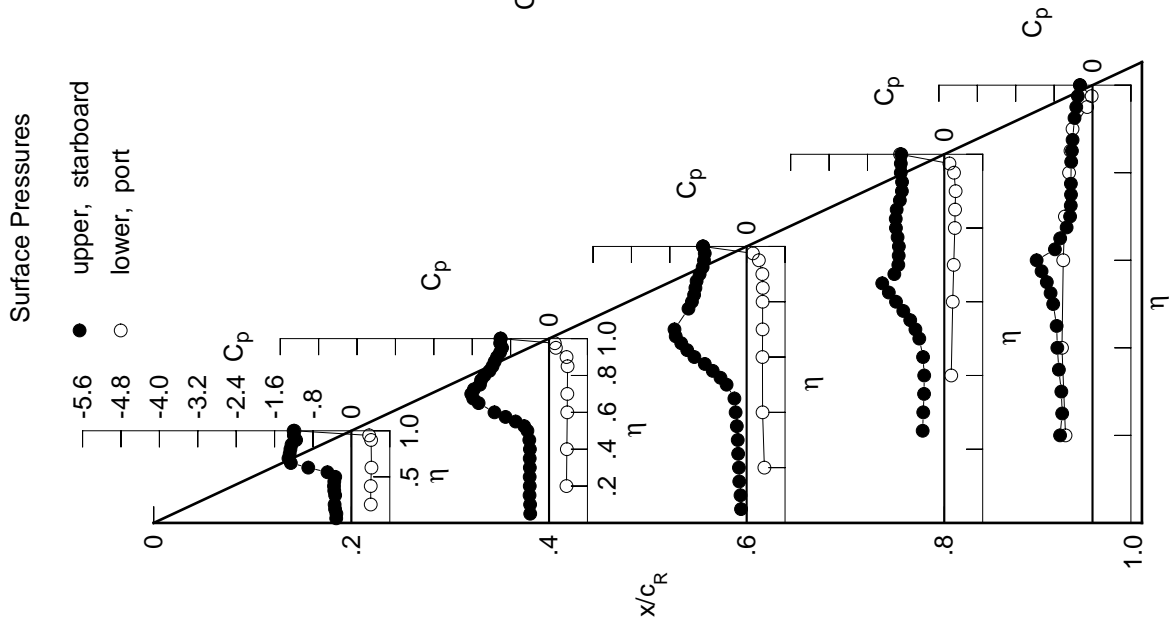


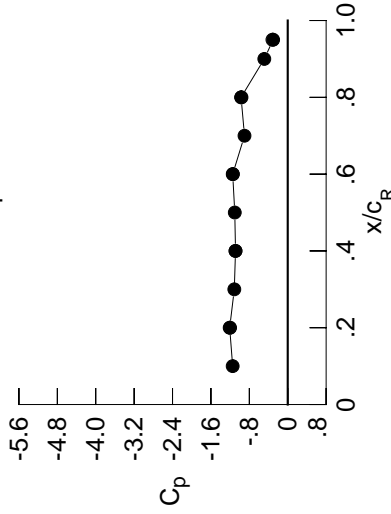
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3874	-0.4430	-0.1888	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3895	-0.4464	-0.2108	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4021	-0.4529	-0.2440	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4030	-0.4482	-0.2587	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.4525	-0.2918	-0.5080	-0.6365	*****	*****	*****	*****	*****
0.300	-0.3935	-0.4523	-0.3212	-0.5039	-0.6565	*****	*****	*****	*****	*****
0.350	-0.4135	-0.4620	-0.3700	-0.5053	-0.6551	*****	*****	*****	*****	*****
0.400	-0.4053	-0.4794	-0.4417	-0.5392	-0.6930	*****	*****	*****	*****	*****
0.450	-0.4012	-0.5560	-0.5313	-0.6234	-0.7572	*****	*****	*****	*****	*****
0.500	-0.5346	-0.7120	-0.7751	-0.7801	-0.9146	*****	*****	*****	*****	*****
0.525	*****	-0.8410	-0.9276	-0.8909	-1.0088	*****	*****	*****	*****	*****
0.550	-1.0705	-1.0771	-1.0886	-1.0112	-1.1228	*****	*****	*****	*****	*****
0.575	*****	-1.2554	-1.2328	-1.1435	-1.2362	*****	*****	*****	*****	*****
0.600	-1.4364	-1.4106	-1.3821	-1.2633	-0.8097	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4815	-1.3724	-0.7021	*****	*****	*****	*****	*****
0.650	-1.5196	-1.6016	-1.3193	-1.1842	-0.6099	*****	*****	*****	*****	*****
0.675	*****	-1.6897	-1.2484	-1.0920	-0.5668	*****	*****	*****	*****	*****
0.700	-1.4437	-1.6073	-1.2433	-1.0844	-0.5530	*****	*****	*****	*****	*****
0.725	*****	-1.5293	*****	-1.0908	-0.5489	*****	*****	*****	*****	*****
0.750	-1.4195	-1.5250	*****	-1.0893	-0.5366	*****	*****	*****	*****	*****
0.775	*****	-1.4837	-1.2920	-1.0931	-0.5127	*****	*****	*****	*****	*****
0.800	-1.3753	-1.3829	-1.3398	-1.0944	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2509	-1.3512	-1.0667	-0.4711	*****	*****	*****	*****	*****
0.850	-1.2870	-1.1750	-1.2729	-1.0470	-0.4419	*****	*****	*****	*****	*****
0.875	*****	-1.1535	-1.1651	-0.9971	-0.4274	*****	*****	*****	*****	*****
0.900	-1.2059	-1.1411	-1.1156	-0.9683	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1064	-1.1190	-0.9631	-0.3988	*****	*****	*****	*****	*****
0.950	-1.2192	-1.0758	-1.1228	-0.9768	-0.3600	*****	*****	*****	*****	*****
0.975	*****	-1.1075	-1.1271	-0.9787	-0.3377	*****	*****	*****	*****	*****
1.000	-1.2093	-1.0878	-1.1465	-0.9719	-0.3041	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4630	0.4134	0.4070	*****	*****	*****	*****	*****	*****	*****
-0.600	0.4633	0.4203	0.3704	0.1784	0.6128	*****	*****	*****	*****	*****
-0.700	0.4745	0.4270	0.3663	0.2087	0.5867	*****	*****	*****	*****	*****
-0.800	*****	0.4260	0.3685	0.2289	0.5505	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3635	0.2491	0.4637	*****	*****	*****	*****	*****
-0.900	*****	0.4153	0.3610	0.2520	0.4325	*****	*****	*****	*****	*****
-0.950	0.4397	0.3793	0.3394	0.2545	0.3890	*****	*****	*****	*****	*****
-0.975	0.3848	0.1380	0.2382	0.1987	0.1086	*****	*****	*****	*****	*****
-1.000	*****	0.0873	0.0869	0.0822	0.0377	*****	*****	*****	*****	*****
-1.000	-1.2010	-1.0877	-1.1428	-0.9633	-0.3194	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 50, Point No. = 1087
 $C_N = 0.924$, $C_m = -0.1375$
 $\alpha = 18.7^\circ$, $M_\infty = 0.851$
 $R_{mac} = 83.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1474	*****
0.20	-1.2093	-1.2010
0.30	-1.1132	*****
0.40	-1.0878	-1.0877
0.50	-1.1031	*****
0.60	-1.1465	-1.1428
0.70	-0.9006	*****
0.80	-0.9719	-0.9633
0.90	-0.4881	*****
0.95	-0.3041	-0.3194

Surface Pressures

● upper, starboard
 ○ lower, port

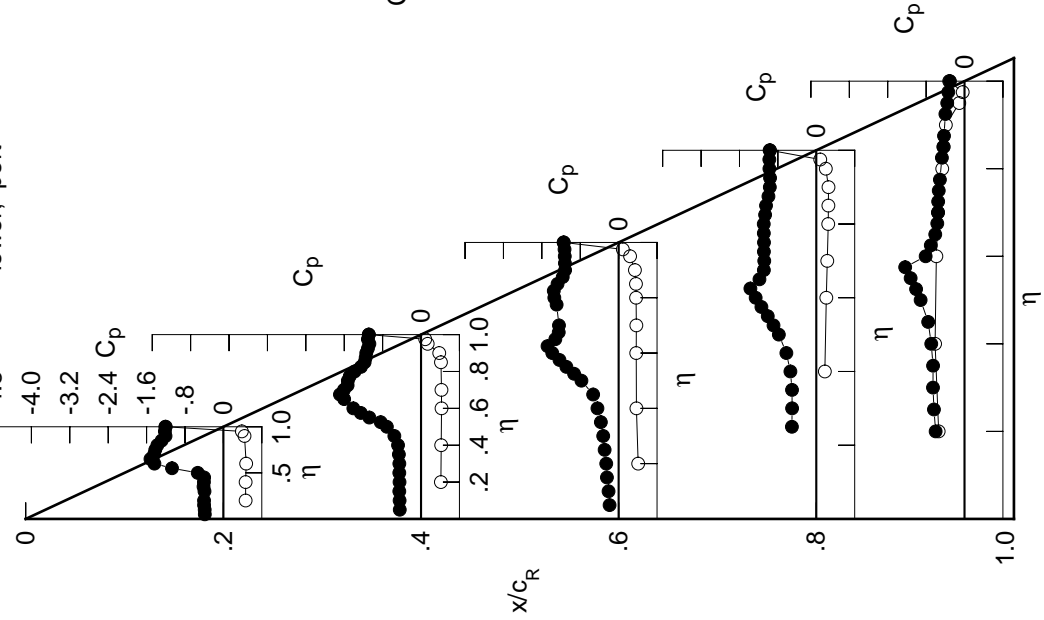


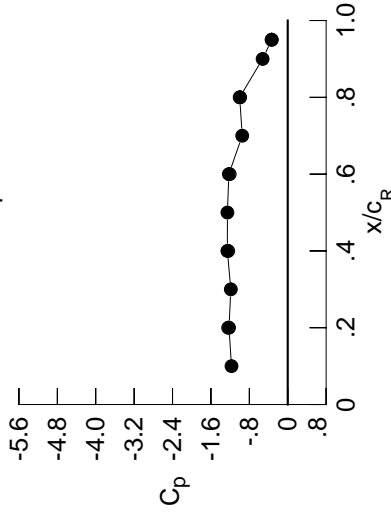
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4644	-0.5444	-0.5409	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4798	-0.5486	-0.5406	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4816	-0.5549	-0.5477	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4822	-0.5521	-0.5506	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.5608	-0.5667	-0.5689	-0.4419	*****	*****	*****	*****	*****
0.300	-0.4709	-0.5720	-0.5827	-0.5818	-0.5091	*****	*****	*****	*****	*****
0.350	-0.4864	-0.6058	-0.6335	-0.6043	-0.5432	*****	*****	*****	*****	*****
0.400	-0.4965	-0.6667	-0.7267	-0.6776	-0.6200	*****	*****	*****	*****	*****
0.450	-0.5932	-0.8159	-0.8687	-0.8151	-0.7240	*****	*****	*****	*****	*****
0.500	-0.9488	-1.0157	-1.1106	-1.0177	-0.9186	*****	*****	*****	*****	*****
0.525	*****	-1.1303	-1.2314	-1.1351	-1.0204	*****	*****	*****	*****	*****
0.550	-1.4056	-1.3395	-1.3518	-1.2479	-1.1390	*****	*****	*****	*****	*****
0.575	*****	-1.4610	-1.4477	-1.3582	-1.2441	*****	*****	*****	*****	*****
0.600	-1.6439	-1.5631	-1.5441	-1.4491	-0.8352	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4497	-1.5270	-0.7160	*****	*****	*****	*****	*****
0.650	-1.7283	-1.4492	-1.3383	-1.2956	-0.6988	*****	*****	*****	*****	*****
0.675	*****	-1.4325	-1.3390	-1.2446	-0.6904	*****	*****	*****	*****	*****
0.700	-1.5668	-1.4298	-1.3353	-1.2190	-0.6740	*****	*****	*****	*****	*****
0.725	*****	-1.4381	*****	-1.2109	-0.6606	*****	*****	*****	*****	*****
0.750	-1.4667	-1.4617	*****	-1.2118	-0.6182	*****	*****	*****	*****	*****
0.775	*****	-1.5089	-1.3683	-1.2028	-0.5553	*****	*****	*****	*****	*****
0.800	-1.4029	-1.5378	-1.3747	-1.1723	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4540	-1.3487	-1.1272	-0.5153	*****	*****	*****	*****	*****
0.850	-1.3211	-1.3096	-1.2994	-1.1126	-0.4898	*****	*****	*****	*****	*****
0.875	*****	-1.2473	-1.2560	-1.0582	-0.4856	*****	*****	*****	*****	*****
0.900	-1.2639	-1.2402	-1.2356	-1.0088	*****	*****	*****	*****	*****	*****
0.925	*****	-1.2348	-1.2305	-0.9927	-0.4637	*****	*****	*****	*****	*****
0.950	-1.2356	-1.2259	-1.2268	-1.0080	-0.3908	*****	*****	*****	*****	*****
0.975	*****	-1.2630	-1.2196	-1.0079	-0.3629	*****	*****	*****	*****	*****
1.000	-1.2234	-1.2579	-1.2266	-1.0009	-0.3339	*****	*****	*****	*****	*****
-0.200	*****	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5221	0.4633	0.4457	*****	-0.5094	*****	*****	*****	*****	*****
-0.600	0.5224	0.4688	0.4099	0.2137	-0.5843	*****	*****	*****	*****	*****
-0.700	0.5292	0.4735	0.4053	0.2416	-0.5577	*****	*****	*****	*****	*****
-0.800	*****	0.4702	0.4047	0.2602	-0.5198	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3961	0.2767	-0.4316	*****	*****	*****	*****	*****
-0.900	0.4643	0.3911	0.3870	0.2771	-0.3983	*****	*****	*****	*****	*****
-0.950	0.3962	0.1286	0.2275	0.1926	-0.3558	*****	*****	*****	*****	*****
-0.975	*****	0.0527	0.0559	0.0551	-0.0472	*****	*****	*****	*****	*****
-1.000	-1.2414	-1.2399	-1.2090	-0.9922	-0.3352	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 50, Point No. = 1088
 $C_N = 1.050$, $C_m = -0.1620$
 $\alpha = 20.8^\circ$, $M_\infty = 0.851$
 $R_{mac} = 84.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1715	*****
0.20	-1.2234	-1.2414
0.30	-1.1860	*****
0.40	-1.2579	-1.2399
0.50	-1.2566	*****
0.60	-1.2266	-1.2090
0.70	-0.9478	*****
0.80	-1.0009	-0.9922
0.90	-0.5232	*****
0.95	-0.3339	-0.3352

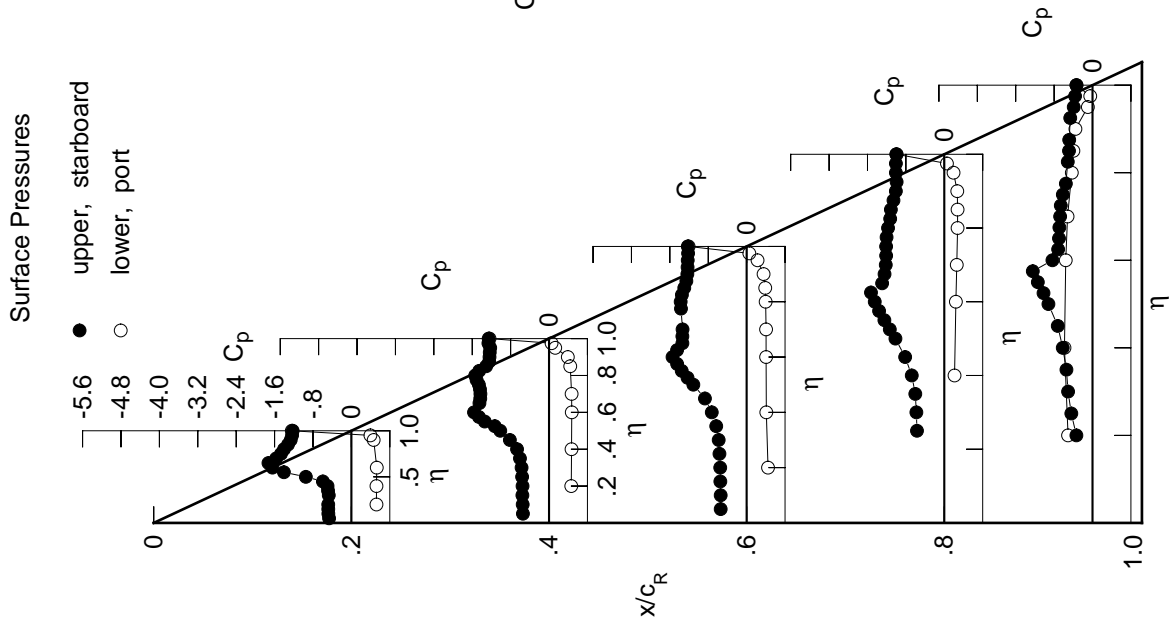


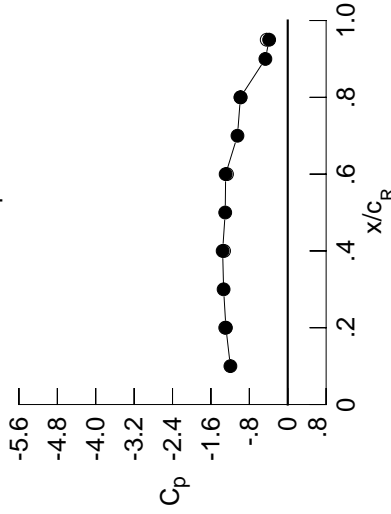
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.5414	-0.6236	-0.6034	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5530	-0.6250	-0.6058	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5559	-0.6336	-0.6151	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5630	-0.6408	-0.6222	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6584	-0.6494	-0.5009	-0.4170	*****	*****	*****	*****	*****
0.300	-0.5645	-0.6898	-0.6844	-0.5520	-0.5010	*****	*****	*****	*****	*****
0.350	-0.6066	-0.7561	-0.7690	-0.6194	-0.5659	*****	*****	*****	*****	*****
0.400	-0.6933	-0.8651	-0.9074	-0.7437	-0.6801	*****	*****	*****	*****	*****
0.450	-0.9150	-1.0516	-1.0913	-0.9210	-0.8184	*****	*****	*****	*****	*****
0.500	-1.2618	-1.2287	-1.3171	-1.1288	-1.0278	*****	*****	*****	*****	*****
0.525	*****	-1.3109	-1.4167	-1.2349	-1.1234	*****	*****	*****	*****	*****
0.550	-1.5559	-1.4856	-1.5114	-1.3322	-1.1683	*****	*****	*****	*****	*****
0.575	*****	-1.5698	-1.5803	-1.4258	-0.7735	*****	*****	*****	*****	*****
0.600	-1.7235	-1.6159	-1.6470	-1.5018	-0.7180	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4609	-1.5681	-0.7016	*****	*****	*****	*****	*****
0.650	-1.6640	-1.4268	-1.4293	-1.3255	-0.6767	*****	*****	*****	*****	*****
0.675	*****	-1.4289	-1.4350	-1.2976	-0.6108	*****	*****	*****	*****	*****
0.700	-1.6445	-1.4226	-1.4329	-1.2843	-0.5098	*****	*****	*****	*****	*****
0.725	*****	-1.4311	*****	-1.2742	-0.4572	*****	*****	*****	*****	*****
0.750	-1.5942	-1.4542	*****	-1.2574	-0.4427	*****	*****	*****	*****	*****
0.775	*****	-1.4928	-1.4556	-1.2491	-0.4847	*****	*****	*****	*****	*****
0.800	-1.4214	-1.4851	-1.4673	-1.2647	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4296	-1.4551	-1.2667	-0.5927	*****	*****	*****	*****	*****
0.850	-1.3324	-1.3770	-1.4009	-1.3045	-0.5639	*****	*****	*****	*****	*****
0.875	*****	-1.3535	-1.3367	-1.2159	-0.5574	*****	*****	*****	*****	*****
0.900	-1.3004	-1.3496	-1.3003	-1.0873	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3501	-1.2927	-1.0050	-0.5556	*****	*****	*****	*****	*****
0.950	-1.2885	-1.3474	-1.2918	-0.9981	-0.4562	*****	*****	*****	*****	*****
0.975	*****	-1.3593	-1.2826	-0.9979	-0.4195	*****	*****	*****	*****	*****
1.000	-1.2877	-1.3563	-1.2932	-0.9859	-0.3873	*****	*****	*****	*****	*****
-0.200	*****	0.5145	0.4868	*****	-0.4854	*****	*****	*****	*****	*****
-0.400	*****	0.5187	0.4510	0.2501	-0.5546	*****	*****	*****	*****	*****
-0.600	*****	0.5206	0.4445	0.2761	-0.5267	*****	*****	*****	*****	*****
-0.700	*****	0.5150	0.4426	0.2928	-0.4884	*****	*****	*****	*****	*****
-0.800	*****	*****	0.4279	0.3067	-0.4008	*****	*****	*****	*****	*****
-0.850	*****	0.4676	0.4124	0.3036	-0.3687	*****	*****	*****	*****	*****
-0.900	0.4879	0.4038	0.3666	0.2885	-0.3300	*****	*****	*****	*****	*****
-0.950	0.4077	0.1075	0.2188	0.1911	-0.0959	*****	*****	*****	*****	*****
-0.975	*****	0.0253	0.0295	0.0364	-0.0698	*****	*****	*****	*****	*****
-1.000	-1.3027	-1.3266	-1.2655	-0.9811	-0.4375	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 50, Point No. = 1089
 $C_N = 1.147$, $C_m = -0.1718$
 $\alpha = 22.9^\circ$, $M_\infty = 0.851$
 $R_{mac} = 84.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1948	*****
0.20	-1.2877	-1.3027
0.30	-1.3360	*****
0.40	-1.3563	-1.3266
0.50	-1.3024	*****
0.60	-1.2932	-1.2655
0.70	-1.0470	*****
0.80	-0.9859	-0.9811
0.90	-0.4660	*****
0.95	-0.3873	-0.4375

Surface Pressures

● upper, starboard
 ○ lower, port

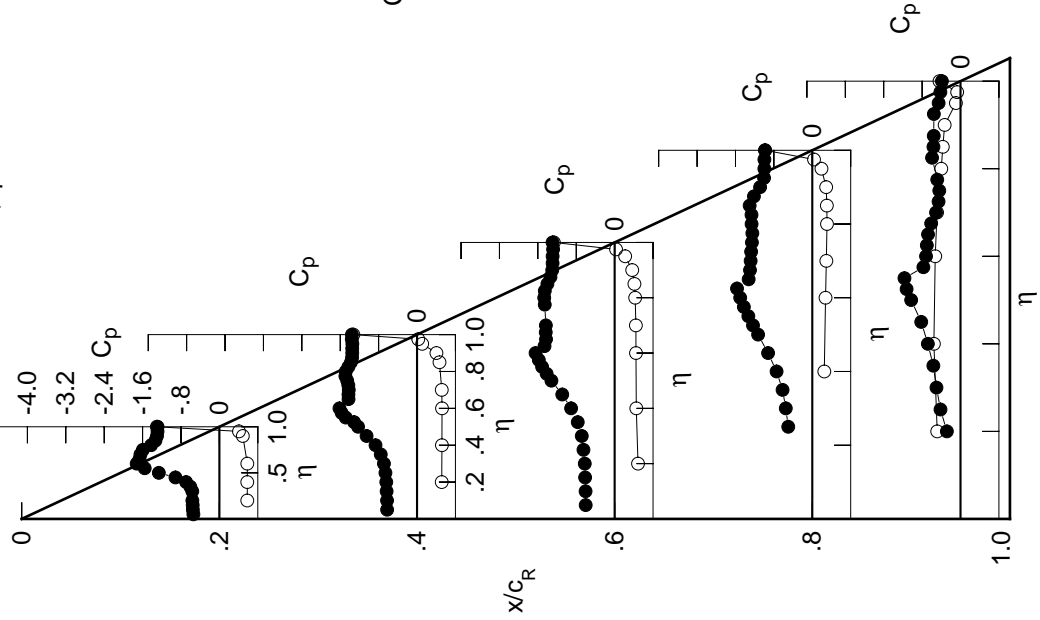


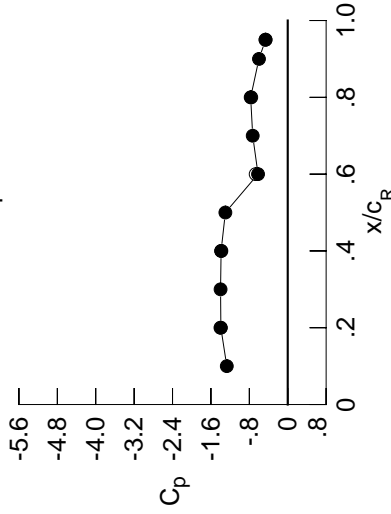
Table C7. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.6286	-0.6640	0.0497	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6280	-0.6682	0.0364	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6304	-0.6760	0.0201	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6441	-0.6935	-0.0005	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.7264	-0.0493	-0.8698	-0.6717	*****	*****	*****	*****	*****
0.300	-0.6854	-0.7829	-0.1181	-0.9036	-0.7446	*****	*****	*****	*****	*****
0.350	-0.7759	-0.8838	-0.2462	-0.9346	-0.7955	*****	*****	*****	*****	*****
0.400	-0.9329	-1.0315	-0.4439	-0.9487	-0.8385	*****	*****	*****	*****	*****
0.450	-1.1763	-1.2324	-0.6713	-0.9408	-0.8202	*****	*****	*****	*****	*****
0.500	-1.4401	-1.3715	-0.9650	-0.9099	-0.7879	*****	*****	*****	*****	*****
0.525	*****	-1.4329	-1.0937	-0.9061	-0.7921	*****	*****	*****	*****	*****
0.550	-1.6439	-1.5890	-1.2052	-0.8995	-0.7721	*****	*****	*****	*****	*****
0.575	*****	-1.6501	-1.2954	-0.9179	-0.7880	*****	*****	*****	*****	*****
0.600	-1.5806	-1.6898	-1.3802	-0.9385	-0.7787	*****	*****	*****	*****	*****
0.625	*****	*****	-1.3219	-0.9355	-0.7774	*****	*****	*****	*****	*****
0.650	-1.5586	-1.5096	-1.1218	-0.9280	-0.7765	*****	*****	*****	*****	*****
0.675	*****	-1.5079	-1.0337	-0.9238	-0.7659	*****	*****	*****	*****	*****
0.700	-1.5803	-1.4948	-0.9679	-0.9125	-0.7564	*****	*****	*****	*****	*****
0.725	*****	-1.4974	*****	-0.9121	-0.7509	*****	*****	*****	*****	*****
0.750	-1.6588	-1.5115	*****	-0.8845	-0.7305	*****	*****	*****	*****	*****
0.775	*****	-1.5399	-0.7901	-0.8742	-0.7188	*****	*****	*****	*****	*****
0.800	-1.5125	-1.5465	-0.7548	-0.8586	*****	*****	*****	*****	*****	*****
0.825	*****	-1.5039	-0.7576	-0.8584	-0.6755	*****	*****	*****	*****	*****
0.850	-1.3780	-1.4414	-0.7672	-0.8493	-0.6519	*****	*****	*****	*****	*****
0.875	*****	-1.4002	-0.7313	-0.8433	-0.6270	*****	*****	*****	*****	*****
0.900	-1.3869	-1.3865	-0.6703	-0.8343	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3852	-0.6237	-0.8166	-0.5950	*****	*****	*****	*****	*****
0.950	-1.3893	-1.3818	-0.6034	-0.8047	-0.5386	*****	*****	*****	*****	*****
0.975	*****	-1.3932	-0.5887	-0.7883	-0.5020	*****	*****	*****	*****	*****
1.000	-1.3930	-1.3883	-0.6188	-0.7724	-0.4611	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.6350	0.5606	0.5227	*****	-0.4900	*****	*****	*****	*****	*****
-0.600	0.6335	0.5643	0.4870	0.2714	-0.5605	*****	*****	*****	*****	*****
-0.700	0.6291	0.5626	0.4812	0.2954	-0.5314	*****	*****	*****	*****	*****
-0.800	*****	0.5554	0.4793	0.3114	-0.4944	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4650	0.3217	-0.4107	*****	*****	*****	*****	*****
-0.900	*****	0.4920	0.4479	0.3175	-0.3812	*****	*****	*****	*****	*****
-0.950	0.5071	0.4161	0.3996	0.2992	-0.3452	*****	*****	*****	*****	*****
-0.975	0.4158	0.1295	0.2515	0.1981	-0.1225	*****	*****	*****	*****	*****
-1.000	*****	0.0058	0.0689	0.0447	-0.1074	*****	*****	*****	*****	*****
-1.000	-1.4019	-1.3823	-0.6681	-0.7596	-0.4639	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 50, Point No. = 1090
 $C_N = 1.119$, $C_M = -0.1624$
 $\alpha = 24.9^\circ$, $M_\infty = 0.850$
 $R_{mac} = 83.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2694	*****
0.20	-1.3930	*****
0.30	-1.3993	*****
0.40	-1.3883	-1.3823
0.50	-1.2990	*****
0.60	-0.6188	-0.6681
0.70	-0.7297	*****
0.80	-0.7724	-0.7596
0.90	-0.5995	*****
0.95	-0.4611	-0.4639

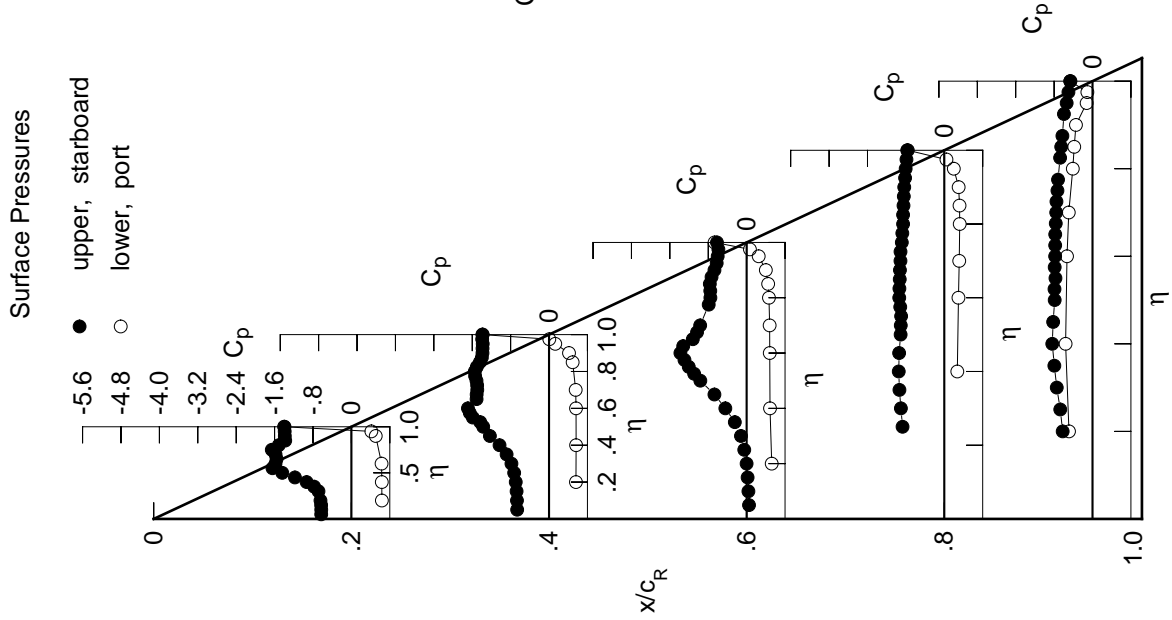


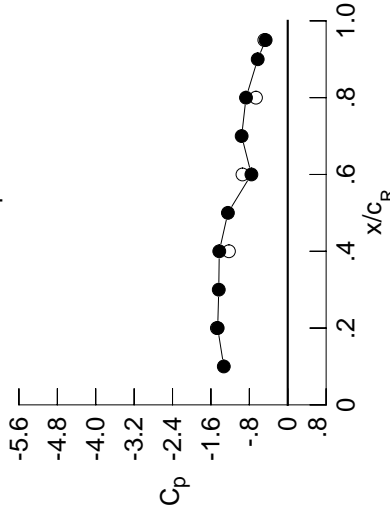
Table C7. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.7232	-0.6590	-0.4135	*****	*****
0.100	-0.7170	-0.6756	-0.3885	*****	*****
0.150	-0.7330	-0.7240	-0.3712	*****	*****
0.200	-0.7526	-0.7271	-0.3537	*****	-0.5966
0.250	*****	-0.7809	-0.3690	-1.0077	-0.6831
0.300	-0.8286	-0.8692	-0.3949	-1.0540	-0.7816
0.350	-0.9544	-0.9965	-0.4871	-1.0863	-0.8457
0.400	-1.1353	-1.1529	-0.6424	-1.1035	-0.8735
0.450	-1.3482	-1.3415	-0.8010	-1.0747	-0.8248
0.500	-1.5455	-1.4530	-1.0615	-1.0150	-0.7766
0.525	*****	-1.5016	-1.1724	-0.9955	-0.7777
0.550	-1.6947	-1.6391	-1.2536	-0.9786	-0.7642
0.575	*****	-1.6882	-1.3286	-0.9951	-0.7872
0.600	-1.5413	-1.6917	-1.3593	-1.0068	-0.7947
0.625	*****	*****	-1.2650	-1.0035	-0.8065
0.650	-1.5492	-1.5490	-1.0927	-1.0095	-0.8053
0.675	*****	-1.5515	-1.0349	-1.0214	-0.7897
0.700	-1.5698	-1.5378	-0.9983	-1.0162	-0.7747
0.725	*****	-1.5388	*****	-1.0210	-0.7668
0.750	-1.6532	-1.5479	*****	-1.0036	-0.7459
0.775	*****	-1.5799	-0.9072	-1.0043	-0.7372
0.800	-1.5286	-1.6170	-0.8961	-0.9951	*****
0.825	*****	-1.5916	-0.9029	-1.0009	-0.6844
0.850	-1.4313	-1.5131	-0.9272	-0.9908	-0.6574
0.875	*****	-1.4437	-0.9153	-0.9835	-0.6261
0.900	-1.4628	-1.4189	-0.8510	-0.9679	*****
0.925	*****	-1.4219	-0.7802	-0.9412	-0.5910
0.950	-1.4588	-1.4254	-0.7480	-0.9181	-0.5408
0.975	*****	-1.4282	-0.7346	-0.8937	-0.5038
1.000	-1.4593	-1.4263	-0.7572	-0.8693	-0.4603
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6881	0.6072	0.5587	*****	-0.4665
-0.400	0.6853	0.6095	0.5233	0.3046	-0.5319
-0.600	0.6746	0.6054	0.5152	0.3261	-0.5023
-0.700	*****	0.5952	0.5100	0.3420	-0.4659
-0.800	*****	*****	0.4880	0.3489	-0.3824
-0.850	*****	0.5149	0.4633	0.3423	-0.3544
-0.900	0.5245	0.4283	0.4017	0.3166	-0.3199
-0.950	0.4227	0.1201	0.2280	0.2007	-0.1147
-0.975	*****	-0.0066	0.0219	0.0386	-0.1135
-1.000	-1.4762	-1.2245	-0.9430	-0.6613	-0.4878

Small Radius L.E.
 Run No. = 50, Point No. = 1091
 $C_N = 1.190$, $C_m = -0.1707$
 $\alpha = 26.9^\circ$, $M_\infty = 0.851$
 $R_{mac} = 83.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starboard C_p	port C_p
0.10	-1.3319	*****
0.20	-1.4593	-1.4762
0.30	-1.4369	*****
0.40	-1.4263	-1.2245
0.50	-1.2484	*****
0.60	-0.7572	-0.9430
0.70	-0.9599	*****
0.80	-0.8693	-0.6613
0.90	-0.6256	*****
0.95	-0.4603	-0.4878

Surface Pressures

● upper, starboard
 ○ lower, port

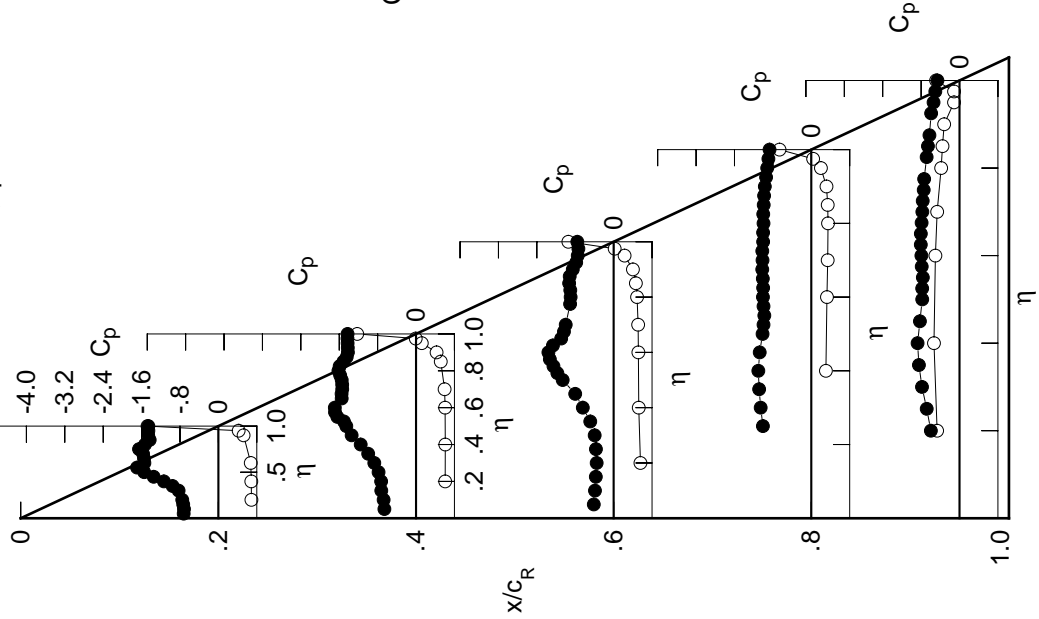


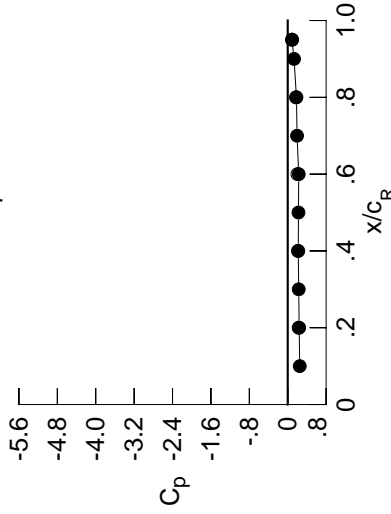
Table C7. Concluded.

η	x/c_R .2	$C_{p,u}$	x/c_R .4	$C_{p,u}$	x/c_R .6	$C_{p,u}$	x/c_R .8	$C_{p,u}$	x/c_R .95	$C_{p,u}$
0.050	-0.0061	0.0084	0.1341	0.1341	0.1341	0.1341	0.1341	0.1341	0.1341	0.1341
0.100	-0.0015	0.0092	0.1248	0.1248	0.1248	0.1248	0.1248	0.1248	0.1248	0.1248
0.150	-0.0050	0.0090	0.1124	0.1124	0.1124	0.1124	0.1124	0.1124	0.1124	0.1124
0.200	-0.0079	0.0126	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
0.250	*****	0.0064	0.0866	-0.1252	-0.4368	-0.3120	-0.3120	-0.3120	-0.3120	-0.3120
0.300	-0.0104	0.0070	0.0765	-0.1105	-0.6106	-0.4368	-0.4368	-0.4368	-0.4368	-0.4368
0.350	-0.0219	0.0046	0.0658	-0.0989	-0.7047	-0.6106	-0.6106	-0.6106	-0.6106	-0.6106
0.400	-0.0268	0.0039	0.0596	-0.0871	-0.7199	-0.7047	-0.7047	-0.7047	-0.7047	-0.7047
0.450	-0.0357	-0.0011	0.0670	-0.0802	-0.6869	-0.7199	-0.7199	-0.7199	-0.7199	-0.7199
0.500	-0.0393	0.0010	0.0416	-0.0742	-0.6394	-0.6869	-0.6869	-0.6869	-0.6869	-0.6869
0.525	*****	-0.0035	0.0387	-0.0735	-0.6423	-0.6394	-0.6394	-0.6394	-0.6394	-0.6394
0.550	-0.0457	-0.0106	0.0353	-0.0688	-0.6290	-0.6423	-0.6423	-0.6423	-0.6423	-0.6423
0.575	*****	-0.0107	0.0410	-0.0690	-0.6395	-0.6290	-0.6290	-0.6290	-0.6290	-0.6290
0.600	-0.0468	-0.0140	0.0255	-0.0690	-0.6446	-0.6395	-0.6395	-0.6395	-0.6395	-0.6395
0.625	*****	*****	0.0269	-0.0664	-0.6632	-0.6446	-0.6446	-0.6446	-0.6446	-0.6446
0.650	-0.0456	-0.0202	0.0199	-0.0659	-0.7034	-0.6632	-0.6632	-0.6632	-0.6632	-0.6632
0.675	*****	-0.0273	0.0125	-0.0687	-0.7158	-0.7034	-0.7034	-0.7034	-0.7034	-0.7034
0.700	-0.0375	-0.0349	0.0108	-0.0671	-0.7358	-0.7158	-0.7158	-0.7158	-0.7158	-0.7158
0.725	*****	-0.0417	*****	-0.0665	-0.7426	-0.7358	-0.7358	-0.7358	-0.7358	-0.7358
0.750	-0.0266	-0.0492	*****	-0.0661	-0.7397	-0.7426	-0.7426	-0.7426	-0.7426	-0.7426
0.775	*****	-0.0552	-0.0127	-0.0743	-0.7304	-0.7397	-0.7397	-0.7397	-0.7397	-0.7397
0.800	-0.0028	-0.0565	-0.0235	-0.0827	*****	-0.7304	-0.7304	-0.7304	-0.7304	-0.7304
0.825	*****	-0.0568	-0.0370	-0.0812	-0.7177	*****	*****	*****	*****	*****
0.850	0.0259	-0.0497	-0.0452	-0.0936	-0.6840	-0.7177	-0.7177	-0.7177	-0.7177	-0.7177
0.875	*****	-0.0369	-0.0495	-0.1081	-0.7283	-0.6840	-0.6840	-0.6840	-0.6840	-0.6840
0.900	0.0699	-0.0134	-0.0433	-0.1117	*****	-0.7283	-0.7283	-0.7283	-0.7283	-0.7283
0.925	*****	0.0191	-0.0259	-0.1018	-0.9226	*****	*****	*****	*****	*****
0.950	0.1078	0.0469	0.0087	-0.0713	-0.3319	-0.9226	-0.9226	-0.9226	-0.9226	-0.9226
0.975	*****	0.0945	0.0792	-0.0074	-0.1748	-0.3319	-0.3319	-0.3319	-0.3319	-0.3319
1.000	0.2382	0.2195	0.2292	0.1818	0.0887	-0.1748	-0.1748	-0.1748	-0.1748	-0.1748
-0.200	$C_{p,l}$	0.0056	0.1045	0.1045	0.1045	0.1045	0.1045	0.1045	0.1045	0.1045
-0.400	-0.0448	0.0047	0.0481	-0.0969	-0.6020	0.1045	0.1045	0.1045	0.1045	0.1045
-0.600	-0.0688	-0.0161	0.0217	-0.0764	-0.6560	-0.0969	-0.0969	-0.0969	-0.0969	-0.0969
-0.700	*****	-0.0521	-0.0017	-0.0737	-0.7149	-0.6560	-0.6560	-0.6560	-0.6560	-0.6560
-0.800	*****	*****	-0.0482	-0.0886	-0.7237	-0.7149	-0.7149	-0.7149	-0.7149	-0.7149
-0.850	*****	-0.0743	-0.0720	-0.1199	-0.7269	-0.7237	-0.7237	-0.7237	-0.7237	-0.7237
-0.900	-0.0017	-0.0442	-0.0769	-0.1454	-0.5444	-0.7269	-0.7269	-0.7269	-0.7269	-0.7269
-0.950	0.0372	0.0249	-0.0201	-0.1049	-0.3603	-0.5444	-0.5444	-0.5444	-0.5444	-0.5444
-0.975	*****	0.0712	0.0351	-0.0364	-0.2078	-0.3603	-0.3603	-0.3603	-0.3603	-0.3603
-1.000	0.2268	0.2137	0.2017	0.1706	0.0910	-0.2078	-0.2078	-0.2078	-0.2078	-0.2078

Small Radius L.E.
 Run No. = 50, Point No. = 1092
 $C_N = -0.012$, $C_m = 0.0022$
 $\alpha = -0.3^\circ$, $M_\infty = 0.849$
 $R_{mac} = 84.7 \times 10^6$

Leading Edge Pressures

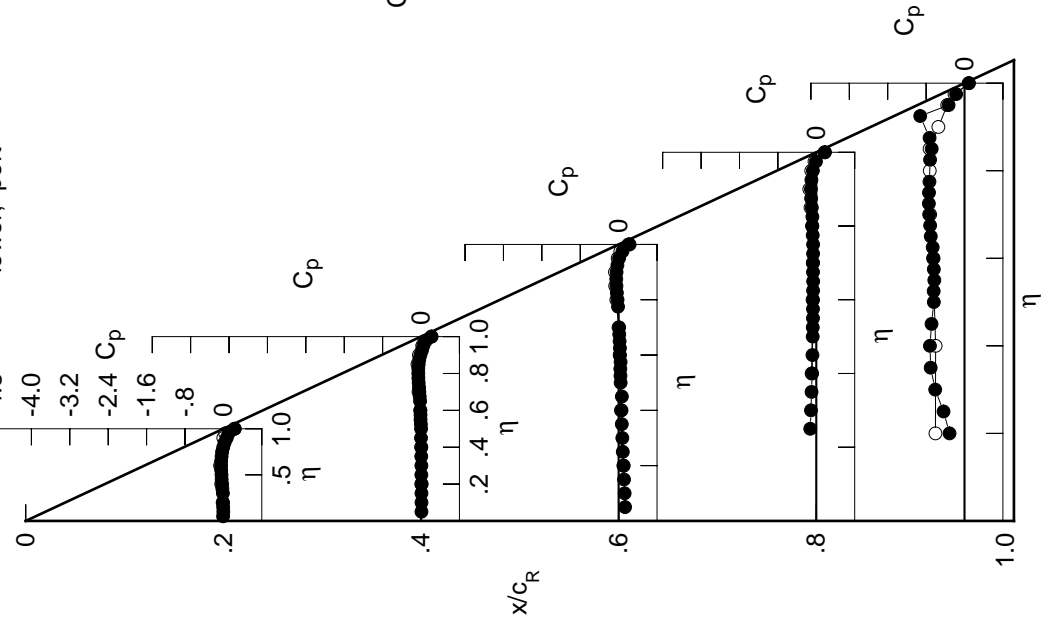
● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2502	*****
0.20	0.2382	0.2268
0.30	0.2285	*****
0.40	0.2195	0.2137
0.50	0.2239	*****
0.60	0.2292	0.2017
0.70	0.1942	*****
0.80	0.1818	0.1706
0.90	0.1314	*****
0.95	0.0887	0.0910

Surface Pressures

● upper, starboard
 ○ lower, port



Appendix D

Experimental Surface Pressure Data for 65° Delta Wing, $R_{\text{mac}} = 6 \times 10^6$

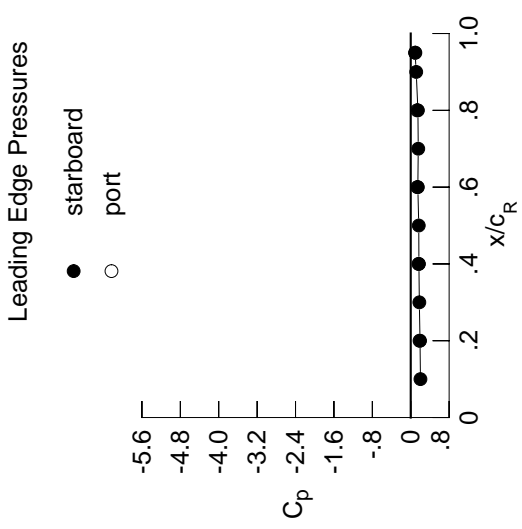
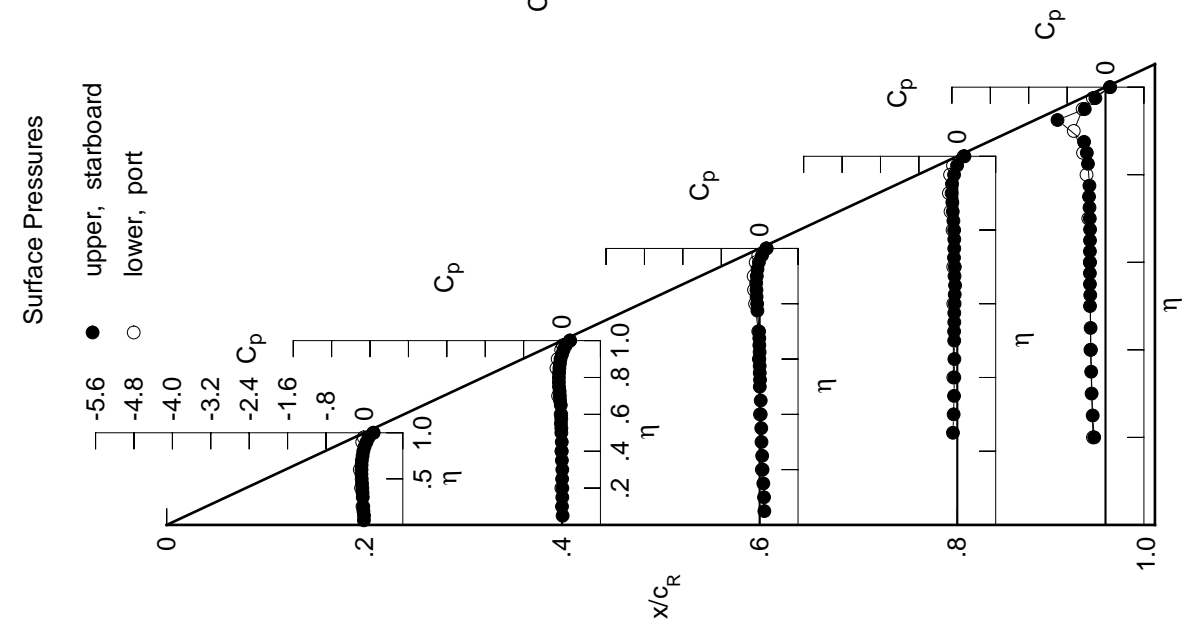
The experimental surface pressure data for the 65° delta wing at constant $R_{\text{mac}} = 6 \times 10^6$ are summarized in tables D1–D6. Because of the extensive data contained in these tables, they have not been included in the printed copy of the paper but are available electronically from the Langley Technical Report Server (LTRS). Open the files with the following Uniform Resource Locator (URL):

<ftp://techreports.larc.nasa.gov/pub/techreports/larc/95/NASA-95-tm4645vol2appD.ps.Z>

Table D1. Tabulations and Plots of Surface Pressure Coefficients.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0105	0.0117	0.0987	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0081	-0.0008	0.0911	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0198	0.0055	0.0770	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0229	0.0065	0.0608	*****	*****	*****	*****	*****	*****	*****
0.250	*****	0.0020	0.0529	-0.0901	-0.2675	*****	*****	*****	*****	*****
0.300	-0.0347	0.0054	0.0387	-0.0763	-0.2893	*****	*****	*****	*****	*****
0.350	-0.0381	-0.0028	0.0333	-0.0679	-0.2987	*****	*****	*****	*****	*****
0.400	-0.0432	-0.0073	0.0222	-0.0628	-0.3140	*****	*****	*****	*****	*****
0.450	-0.0499	-0.0054	0.0221	-0.0610	-0.3104	*****	*****	*****	*****	*****
0.500	-0.0557	-0.0146	0.0030	-0.0637	-0.3230	*****	*****	*****	*****	*****
0.525	*****	-0.0141	0.0077	-0.0665	-0.3177	*****	*****	*****	*****	*****
0.550	-0.0605	-0.0232	0.0020	-0.0624	-0.3248	*****	*****	*****	*****	*****
0.575	*****	-0.0161	0.0011	-0.0625	-0.3257	*****	*****	*****	*****	*****
0.600	-0.0596	-0.0170	-0.0064	-0.0557	-0.3239	*****	*****	*****	*****	*****
0.625	*****	*****	0.0004	-0.0534	-0.3246	*****	*****	*****	*****	*****
0.650	-0.0584	-0.0260	-0.0067	-0.0466	-0.3231	*****	*****	*****	*****	*****
0.675	*****	-0.0413	-0.0071	-0.0578	-0.3219	*****	*****	*****	*****	*****
0.700	-0.0539	-0.0452	-0.0120	-0.0520	-0.3276	*****	*****	*****	*****	*****
0.725	*****	-0.0504	*****	-0.0684	-0.3338	*****	*****	*****	*****	*****
0.750	-0.0373	-0.0634	*****	-0.0636	-0.3439	*****	*****	*****	*****	*****
0.775	*****	-0.0657	-0.0467	-0.0627	-0.3348	*****	*****	*****	*****	*****
0.800	-0.0234	-0.0654	-0.0520	-0.0654	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0628	-0.0634	-0.0809	-0.3653	*****	*****	*****	*****	*****
0.850	0.0049	-0.0549	-0.0662	-0.0940	-0.3894	*****	*****	*****	*****	*****
0.875	*****	-0.0445	-0.0711	-0.1031	-0.4463	*****	*****	*****	*****	*****
0.900	0.0450	-0.0317	-0.0594	-0.1186	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0012	-0.0446	-0.1106	-1.0001	*****	*****	*****	*****	*****
0.950	0.0895	0.0320	-0.0162	-0.0669	-0.4327	*****	*****	*****	*****	*****
0.975	*****	0.0809	0.0499	-0.0051	-0.2115	*****	*****	*****	*****	*****
1.000	0.1935	0.1704	0.1479	0.1495	0.0903	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	-0.0390	-0.0141	0.0455	*****	*****	*****	*****	*****	*****	*****
-0.600	-0.0695	-0.0117	0.0065	-0.0821	-0.3044	*****	*****	*****	*****	*****
-0.700	-0.0961	-0.0286	-0.0153	-0.0823	-0.3264	*****	*****	*****	*****	*****
-0.800	*****	-0.0816	-0.0289	-0.0837	-0.3582	*****	*****	*****	*****	*****
-0.850	*****	*****	-0.0954	-0.0973	-0.3952	*****	*****	*****	*****	*****
-0.900	*****	-0.1162	-0.1171	-0.1401	-0.4680	*****	*****	*****	*****	*****
-0.950	-0.0456	-0.0903	-0.1250	-0.1748	-0.6617	*****	*****	*****	*****	*****
-0.975	-0.0123	-0.0179	-0.0826	-0.1501	-0.4760	*****	*****	*****	*****	*****
-1.000	*****	0.0170	-0.0276	-0.0885	-0.2638	*****	*****	*****	*****	*****
	0.1831	0.1617	0.1350	0.1308	0.0972	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 36 , Point No. = 713
 $C_N = -0.054$, $C_m = 0.0241$
 $\alpha = -0.4^\circ$, $M_\infty = 0.399$
 $R_{mac} = 5.8 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.2026	*****
0.20	0.1935	0.1831
0.30	0.1790	*****
0.40	0.1704	0.1617
0.50	0.1673	*****
0.60	0.1479	0.1350
0.70	0.1567	*****
0.80	0.1495	0.1308
0.90	0.1142	*****
0.95	0.0903	0.0972

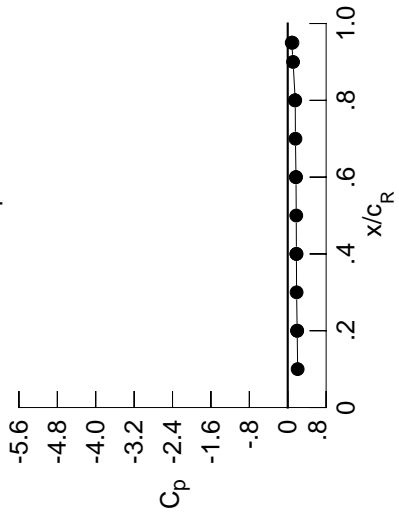
Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0180	0.0008	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919	0.0919
0.100	-0.0164	-0.0043	0.0881	0.0881	0.0881	0.0881	0.0881	0.0881	0.0881	0.0881
0.150	-0.0284	-0.0016	0.0742	0.0742	0.0742	0.0742	0.0742	0.0742	0.0742	0.0742
0.200	-0.0281	-0.0059	0.0592	0.0592	0.0592	0.0592	0.0592	0.0592	0.0592	0.0592
0.250	*****	-0.0038	0.0458	0.0458	0.0458	0.0458	0.0458	0.0458	0.0458	0.0458
0.300	-0.0446	-0.0039	0.0330	0.0330	0.0330	0.0330	0.0330	0.0330	0.0330	0.0330
0.350	-0.0430	-0.0102	0.0250	0.0250	0.0250	0.0250	0.0250	0.0250	0.0250	0.0250
0.400	-0.0543	-0.0142	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213
0.450	-0.0585	-0.0161	0.0152	0.0152	0.0152	0.0152	0.0152	0.0152	0.0152	0.0152
0.500	-0.0675	-0.0196	-0.0021	-0.0021	-0.0021	-0.0021	-0.0021	-0.0021	-0.0021	-0.0021
0.525	*****	-0.0252	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
0.550	-0.0726	-0.0253	-0.0091	-0.0091	-0.0091	-0.0091	-0.0091	-0.0091	-0.0091	-0.0091
0.575	*****	-0.0259	-0.0069	-0.0069	-0.0069	-0.0069	-0.0069	-0.0069	-0.0069	-0.0069
0.600	-0.0727	-0.0256	-0.0102	-0.0102	-0.0102	-0.0102	-0.0102	-0.0102	-0.0102	-0.0102
0.625	*****	*****	-0.0069	-0.0069	-0.0069	-0.0069	-0.0069	-0.0069	-0.0069	-0.0069
0.650	-0.0731	-0.0404	-0.0103	-0.0103	-0.0103	-0.0103	-0.0103	-0.0103	-0.0103	-0.0103
0.675	*****	-0.0520	-0.0166	-0.0166	-0.0166	-0.0166	-0.0166	-0.0166	-0.0166	-0.0166
0.700	-0.0651	-0.0625	-0.0209	-0.0209	-0.0209	-0.0209	-0.0209	-0.0209	-0.0209	-0.0209
0.725	*****	-0.0633	*****	-0.0720	-0.0720	-0.0720	-0.0720	-0.0720	-0.0720	-0.0720
0.750	-0.0579	-0.0753	*****	-0.0651	-0.0651	-0.0651	-0.0651	-0.0651	-0.0651	-0.0651
0.775	*****	-0.0846	-0.0562	-0.0717	-0.0717	-0.0717	-0.0717	-0.0717	-0.0717	-0.0717
0.800	-0.0395	-0.0824	-0.0676	-0.0770	-0.0770	-0.0770	-0.0770	-0.0770	-0.0770	-0.0770
0.825	*****	-0.0820	-0.0808	-0.1033	-0.1033	-0.1033	-0.1033	-0.1033	-0.1033	-0.1033
0.850	-0.0129	-0.0796	-0.0857	-0.1102	-0.1102	-0.1102	-0.1102	-0.1102	-0.1102	-0.1102
0.875	*****	-0.0710	-0.0901	-0.1188	-0.1188	-0.1188	-0.1188	-0.1188	-0.1188	-0.1188
0.900	0.0264	-0.0506	-0.0844	-0.1387	-0.1387	-0.1387	-0.1387	-0.1387	-0.1387	-0.1387
0.925	*****	-0.0214	-0.0708	-0.1317	-0.1317	-0.1317	-0.1317	-0.1317	-0.1317	-0.1317
0.950	0.0688	0.0097	-0.0425	-0.0912	-0.0912	-0.0912	-0.0912	-0.0912	-0.0912	-0.0912
0.975	*****	0.0492	0.0237	-0.0331	-0.2400	-0.2400	-0.2400	-0.2400	-0.2400	-0.2400
1.000	0.1966	0.1807	0.1723	0.1560	0.0829	0.0829	0.0829	0.0829	0.0829	0.0829
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	-0.0281	-0.0025	0.0531	0.0531	0.0531	0.0531	0.0531	0.0531	0.0531	0.0531
-0.600	-0.0571	-0.0037	0.0101	-0.0771	-0.0771	-0.0771	-0.0771	-0.0771	-0.0771	-0.0771
-0.700	-0.0806	-0.0264	-0.0050	-0.0716	-0.0716	-0.0716	-0.0716	-0.0716	-0.0716	-0.0716
-0.800	*****	-0.0663	-0.0215	-0.0707	-0.0707	-0.0707	-0.0707	-0.0707	-0.0707	-0.0707
-0.850	*****	*****	-0.0759	-0.0886	-0.0886	-0.0886	-0.0886	-0.0886	-0.0886	-0.0886
-0.900	*****	-0.0926	-0.0991	-0.1232	-0.1232	-0.1232	-0.1232	-0.1232	-0.1232	-0.1232
-0.950	-0.0226	-0.0633	-0.1010	-0.1538	-0.1538	-0.1538	-0.1538	-0.1538	-0.1538	-0.1538
-0.975	0.0105	0.0021	-0.0526	-0.1193	-0.1193	-0.1193	-0.1193	-0.1193	-0.1193	-0.1193
-1.000	0.1951	0.1808	0.1688	0.1501	0.0984	0.0984	0.0984	0.0984	0.0984	0.0984

Small Radius L.E.
 Run No. = 36 , Point No. = 714
 $C_N = -0.030$, $C_m = 0.0175$
 $\alpha = 0.0^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.8 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2066	*****
0.20	0.1966	0.1951
0.30	0.1845	*****
0.40	0.1807	0.1808
0.50	0.1772	*****
0.60	0.1723	0.1688
0.70	0.1606	*****
0.80	0.1560	0.1501
0.90	0.1116	*****
0.95	0.0829	0.0984

Surface Pressures

● upper, starboard
 ○ lower, port

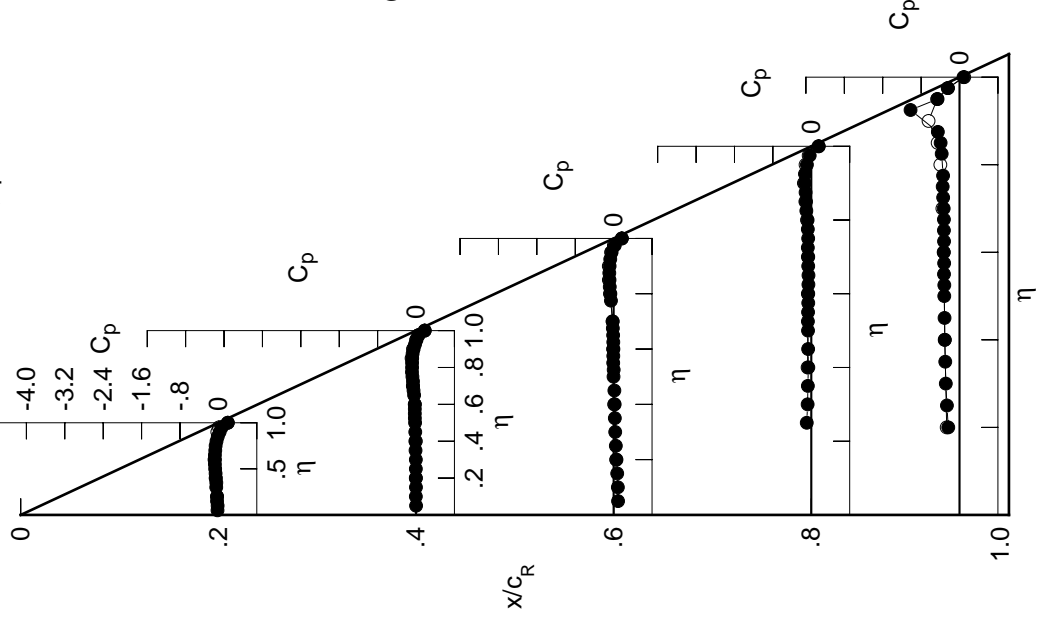


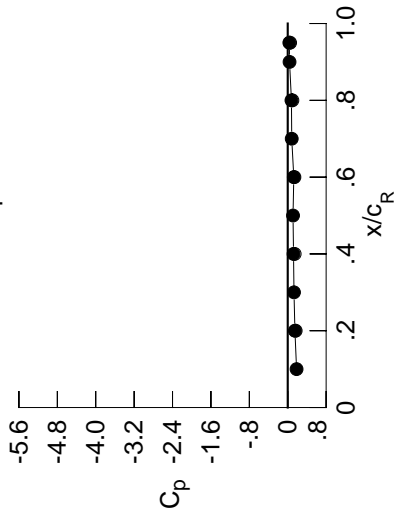
Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0334	-0.0167	0.0829	0.0829	0.0829	0.0829	0.0829	0.0829	0.0829	0.0829
0.100	-0.0353	-0.0208	0.0722	0.0722	0.0722	0.0722	0.0722	0.0722	0.0722	0.0722
0.150	-0.0520	-0.0175	0.0636	0.0636	0.0636	0.0636	0.0636	0.0636	0.0636	0.0636
0.200	-0.0460	-0.0203	0.0426	0.0426	0.0426	0.0426	0.0426	0.0426	0.0426	0.0426
0.250	*****	-0.0237	0.0340	0.0340	-0.1048	-0.1048	-0.2558	-0.2558	-0.2558	-0.2558
0.300	-0.0690	-0.0227	0.0150	0.0839	-0.0839	-0.2820	-0.2820	-0.2820	-0.2820	-0.2820
0.350	-0.0667	-0.0283	0.0137	0.0824	-0.0824	-0.2923	-0.2923	-0.2923	-0.2923	-0.2923
0.400	-0.0781	-0.0316	0.0011	0.0745	-0.3026	-0.3026	-0.3026	-0.3026	-0.3026	-0.3026
0.450	-0.0841	-0.0343	0.0018	0.0749	-0.3068	-0.3068	-0.3068	-0.3068	-0.3068	-0.3068
0.500	-0.0947	-0.0431	-0.0199	0.0758	-0.3130	-0.3130	-0.3130	-0.3130	-0.3130	-0.3130
0.525	*****	-0.0412	-0.0174	0.0828	-0.3120	-0.3120	-0.3120	-0.3120	-0.3120	-0.3120
0.550	-0.1014	-0.0486	-0.0240	0.0807	-0.3165	-0.3165	-0.3165	-0.3165	-0.3165	-0.3165
0.575	*****	-0.0402	-0.0219	0.0834	-0.3176	-0.3176	-0.3176	-0.3176	-0.3176	-0.3176
0.600	-0.1042	-0.0413	-0.0306	0.0705	-0.3233	-0.3233	-0.3233	-0.3233	-0.3233	-0.3233
0.625	*****	*****	-0.0232	0.0729	-0.3258	-0.3258	-0.3258	-0.3258	-0.3258	-0.3258
0.650	-0.1071	-0.0766	-0.0345	0.0702	-0.3226	-0.3226	-0.3226	-0.3226	-0.3226	-0.3226
0.675	*****	-0.0884	-0.0330	0.0792	-0.3229	-0.3229	-0.3229	-0.3229	-0.3229	-0.3229
0.700	-0.1048	-0.0926	-0.0466	0.0766	-0.3286	-0.3286	-0.3286	-0.3286	-0.3286	-0.3286
0.725	*****	-0.0976	*****	-0.0902	-0.3406	-0.3406	-0.3406	-0.3406	-0.3406	-0.3406
0.750	-0.0962	-0.1128	*****	-0.0817	-0.3507	-0.3507	-0.3507	-0.3507	-0.3507	-0.3507
0.775	*****	-0.1195	-0.0996	-0.0893	-0.3449	-0.3449	-0.3449	-0.3449	-0.3449	-0.3449
0.800	-0.0845	-0.1246	-0.1055	-0.1010	*****	*****	*****	*****	*****	*****
0.825	*****	-0.1281	-0.1161	-0.1435	-0.3821	-0.3821	-0.3821	-0.3821	-0.3821	-0.3821
0.850	-0.0589	-0.1224	-0.1257	-0.1444	-0.4172	-0.4172	-0.4172	-0.4172	-0.4172	-0.4172
0.875	*****	-0.1200	-0.1346	-0.1604	-0.4536	-0.4536	-0.4536	-0.4536	-0.4536	-0.4536
0.900	-0.0198	-0.1078	-0.1371	-0.1816	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0826	-0.1270	-0.1842	-1.0591	-1.0591	-1.0591	-1.0591	-1.0591	-1.0591
0.950	0.0159	-0.0564	-0.1075	-0.1489	-0.4848	-0.4848	-0.4848	-0.4848	-0.4848	-0.4848
0.975	*****	-0.0195	-0.0482	-0.1038	-0.2742	-0.2742	-0.2742	-0.2742	-0.2742	-0.2742
1.000	0.1498	0.1209	0.1265	0.0773	0.0339	0.0339	0.0339	0.0339	0.0339	0.0339
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	-0.0032	0.0084	0.0623	*****	-0.2650	-0.2650	-0.2650	-0.2650	-0.2650	-0.2650
-0.600	-0.0361	0.0151	0.0256	-0.0732	-0.3117	-0.3117	-0.3117	-0.3117	-0.3117	-0.3117
-0.700	-0.0509	-0.0016	0.0092	-0.0604	-0.3296	-0.3296	-0.3296	-0.3296	-0.3296	-0.3296
-0.800	*****	-0.0405	-0.0060	-0.0581	-0.3488	-0.3488	-0.3488	-0.3488	-0.3488	-0.3488
-0.850	*****	*****	-0.0467	-0.0729	-0.3649	-0.3649	-0.3649	-0.3649	-0.3649	-0.3649
-0.900	*****	-0.0466	-0.0611	-0.0917	-0.4250	-0.4250	-0.4250	-0.4250	-0.4250	-0.4250
-0.950	0.0195	-0.0174	-0.0540	-0.1134	-0.5690	-0.5690	-0.5690	-0.5690	-0.5690	-0.5690
-0.975	0.0516	0.0356	0.0028	-0.0652	-0.4270	-0.4270	-0.4270	-0.4270	-0.4270	-0.4270
-1.000	*****	0.1027	0.0619	0.0039	-0.2053	-0.2053	-0.2053	-0.2053	-0.2053	-0.2053
	0.1653	0.1447	0.1396	0.0965	0.0492	0.0492	0.0492	0.0492	0.0492	0.0492

Small Radius L.E.
 Run No. = 36 , Point No. = 715
 $C_N = 0.004$, $C_m = 0.0144$
 $\alpha = 1.1^\circ$, $M_\infty = 0.399$
 $R_{mac} = 5.8 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	0.1840	*****
0.20	0.1498	0.1653
0.30	0.1303	*****
0.40	0.1209	0.1447
0.50	0.1102	*****
0.60	0.1265	0.1396
0.70	0.0834	*****
0.80	0.0773	0.0965
0.90	0.0375	*****
0.95	0.0339	0.0492

Surface Pressures

- upper, starboard
- lower, port

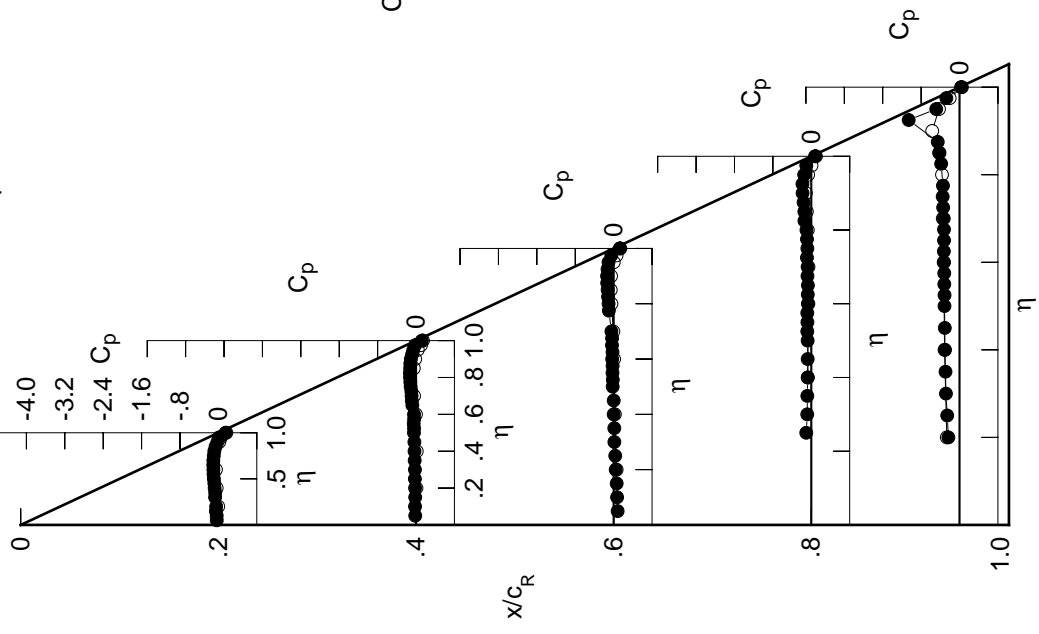


Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0577	-0.0297	0.0700	0.0700	0.0700	0.0700	0.0700	0.0700	0.0700	0.0700
0.100	-0.0575	-0.0336	0.0638	0.0638	0.0638	0.0638	0.0638	0.0638	0.0638	0.0638
0.150	-0.0653	-0.0362	0.0493	0.0493	0.0493	0.0493	0.0493	0.0493	0.0493	0.0493
0.200	-0.0601	-0.0371	0.0336	0.0336	0.0336	0.0336	0.0336	0.0336	0.0336	0.0336
0.250	0.0000	-0.0351	0.0270	0.0270	0.0270	0.0270	0.0270	0.0270	0.0270	0.0270
0.300	-0.0903	-0.0378	0.0059	0.0059	0.0059	0.0059	0.0059	0.0059	0.0059	0.0059
0.350	-0.0887	-0.0434	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010
0.400	-0.1007	-0.0535	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053
0.450	-0.1051	-0.0515	-0.0143	-0.0143	-0.0143	-0.0143	-0.0143	-0.0143	-0.0143	-0.0143
0.500	-0.1215	-0.0579	-0.0327	-0.0327	-0.0327	-0.0327	-0.0327	-0.0327	-0.0327	-0.0327
0.525	0.0000	-0.0645	-0.0309	-0.0309	-0.0309	-0.0309	-0.0309	-0.0309	-0.0309	-0.0309
0.550	-0.1268	-0.0669	-0.0405	-0.0405	-0.0405	-0.0405	-0.0405	-0.0405	-0.0405	-0.0405
0.575	0.0000	-0.0686	-0.0372	-0.0372	-0.0372	-0.0372	-0.0372	-0.0372	-0.0372	-0.0372
0.600	-0.1339	-0.0652	-0.0496	-0.0496	-0.0496	-0.0496	-0.0496	-0.0496	-0.0496	-0.0496
0.625	0.0000	0.0000	-0.0380	-0.0380	-0.0380	-0.0380	-0.0380	-0.0380	-0.0380	-0.0380
0.650	-0.1389	-0.0681	-0.0570	-0.0570	-0.0570	-0.0570	-0.0570	-0.0570	-0.0570	-0.0570
0.675	0.0000	-0.1178	-0.0562	-0.0562	-0.0562	-0.0562	-0.0562	-0.0562	-0.0562	-0.0562
0.700	-0.1374	-0.1347	-0.0613	-0.0613	-0.0613	-0.0613	-0.0613	-0.0613	-0.0613	-0.0613
0.725	0.0000	-0.1231	0.0000	0.0000	-0.0993	-0.0993	-0.0993	-0.0993	-0.0993	-0.0993
0.750	-0.1386	-0.1429	0.0000	0.0000	-0.1090	-0.1090	-0.1090	-0.1090	-0.1090	-0.1090
0.775	0.0000	-0.1559	-0.0818	-0.1141	-0.1141	-0.1141	-0.1141	-0.1141	-0.1141	-0.1141
0.800	-0.1242	-0.1661	-0.1421	-0.1303	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.825	0.0000	-0.1658	-0.1611	-0.1276	-0.1276	-0.1276	-0.1276	-0.1276	-0.1276	-0.1276
0.850	-0.1063	-0.1727	-0.1639	-0.1787	-0.1787	-0.1787	-0.1787	-0.1787	-0.1787	-0.1787
0.875	0.0000	-0.1717	-0.1868	-0.1926	-0.1926	-0.1926	-0.1926	-0.1926	-0.1926	-0.1926
0.900	-0.0711	-0.1650	-0.1882	-0.2238	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.925	0.0000	-0.1381	-0.1883	-0.2386	-1.0012	-1.0012	-1.0012	-1.0012	-1.0012	-1.0012
0.950	-0.0404	-0.1140	-0.1717	-0.2137	-0.4769	-0.4769	-0.4769	-0.4769	-0.4769	-0.4769
0.975	0.0000	-0.0928	-0.1266	-0.1747	-0.3067	-0.3067	-0.3067	-0.3067	-0.3067	-0.3067
1.000	0.0516	-0.0278	-0.0221	-0.1108	-0.0742	-0.0742	-0.0742	-0.0742	-0.0742	-0.0742
-0.200	$C_{p,l}$	0.0133	0.0297	0.0778	0.0778	0.0778	0.0778	0.0778	0.0778	0.0778
-0.400	$C_{p,l}$	-0.0114	0.0266	0.0378	-0.0604	-0.3134	-0.3134	-0.3134	-0.3134	-0.3134
-0.600	$C_{p,l}$	-0.0207	0.0226	0.0241	-0.0529	-0.3301	-0.3301	-0.3301	-0.3301	-0.3301
-0.700	$C_{p,l}$	0.0000	-0.0047	0.0137	-0.0471	-0.3465	-0.3465	-0.3465	-0.3465	-0.3465
-0.800	$C_{p,l}$	0.0000	0.0000	-0.0120	-0.0527	-0.3475	-0.3475	-0.3475	-0.3475	-0.3475
-0.850	$C_{p,l}$	0.0000	-0.0049	-0.0263	-0.0555	-0.3926	-0.3926	-0.3926	-0.3926	-0.3926
-0.900	$C_{p,l}$	0.0580	0.0296	-0.0083	-0.0745	-0.5350	-0.5350	-0.5350	-0.5350	-0.5350
-0.950	$C_{p,l}$	0.0910	0.0664	0.0496	-0.0137	-0.3758	-0.3758	-0.3758	-0.3758	-0.3758
-0.975	$C_{p,l}$	0.0000	0.1453	0.1112	0.0556	-0.1521	-0.1521	-0.1521	-0.1521	-0.1521
-1.000	$C_{p,l}$	0.0700	0.0120	-0.0065	-0.0953	-0.0698	-0.0698	-0.0698	-0.0698	-0.0698

Small Radius L.E.
 Run No. = 36 , Point No. = 716
 $C_N = 0.039$, $C_m = 0.0100$
 $\alpha = 2.1^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.8 \times 10^6$

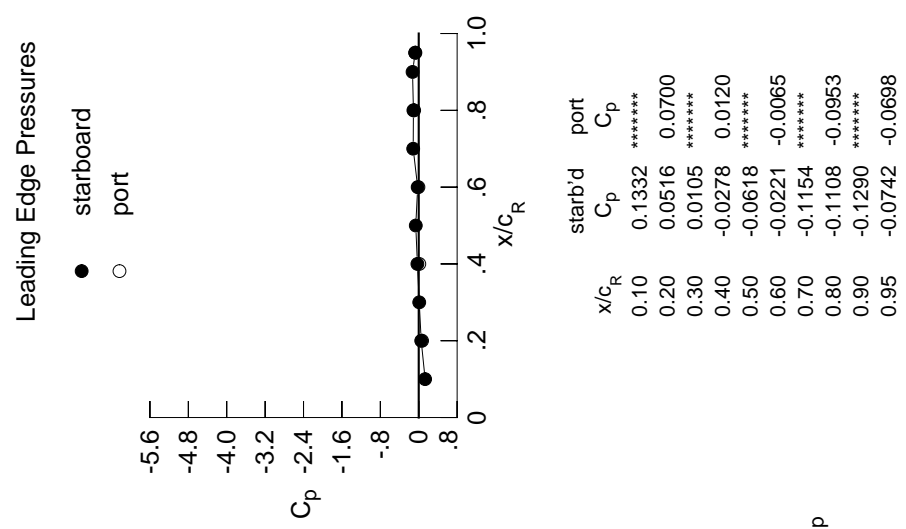


Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0748	-0.0412	0.0650	0.0650	0.0650	0.0650	0.0650	0.0650	0.0650	0.0650
0.100	-0.0777	-0.0537	0.0508	0.0508	0.0508	0.0508	0.0508	0.0508	0.0508	0.0508
0.150	-0.0803	-0.0410	0.0474	0.0474	0.0474	0.0474	0.0474	0.0474	0.0474	0.0474
0.200	-0.0830	-0.0520	0.0249	0.0249	0.0249	0.0249	0.0249	0.0249	0.0249	0.0249
0.250	*****	-0.0477	0.0182	0.0182	0.0182	0.0182	0.0182	0.0182	0.0182	0.0182
0.300	-0.1100	-0.0558	-0.0023	-0.0023	-0.0961	-0.0961	-0.2671	-0.2671	-0.2671	-0.2671
0.350	-0.1123	-0.0581	-0.0097	-0.0097	-0.0922	-0.0922	-0.2767	-0.2767	-0.2767	-0.2767
0.400	-0.1251	-0.0653	-0.0157	-0.0157	-0.0859	-0.0859	-0.2793	-0.2793	-0.2793	-0.2793
0.450	-0.1304	-0.0692	-0.0233	-0.0233	-0.0898	-0.0898	-0.2886	-0.2886	-0.2886	-0.2886
0.500	-0.1450	-0.0798	-0.0465	-0.0465	-0.0953	-0.0953	-0.2923	-0.2923	-0.2923	-0.2923
0.525	*****	-0.0823	-0.0421	-0.0421	-0.0990	-0.0990	-0.2978	-0.2978	-0.2978	-0.2978
0.550	-0.1532	-0.0898	-0.0528	-0.0528	-0.0987	-0.0987	-0.2980	-0.2980	-0.2980	-0.2980
0.575	*****	-0.0855	-0.0545	-0.0545	-0.0943	-0.0943	-0.2982	-0.2982	-0.2982	-0.2982
0.600	-0.1634	-0.0900	-0.0635	-0.0635	-0.0947	-0.0947	-0.2998	-0.2998	-0.2998	-0.2998
0.625	*****	*****	-0.0590	-0.0590	-0.0946	-0.0946	-0.3032	-0.3032	-0.3032	-0.3032
0.650	-0.1749	-0.0872	-0.0675	-0.0675	-0.0937	-0.0937	-0.3014	-0.3014	-0.3014	-0.3014
0.675	*****	-0.1109	-0.0755	-0.0755	-0.1019	-0.1019	-0.3006	-0.3006	-0.3006	-0.3006
0.700	-0.1736	-0.1716	-0.0786	-0.0786	-0.1054	-0.1054	-0.3076	-0.3076	-0.3076	-0.3076
0.725	*****	-0.1679	*****	*****	-0.1187	-0.1187	-0.3280	-0.3280	-0.3280	-0.3280
0.750	-0.1782	-0.1834	*****	*****	-0.1188	-0.1188	-0.3411	-0.3411	-0.3411	-0.3411
0.775	*****	-0.1977	-0.1170	-0.1170	-0.1333	-0.1333	-0.3426	-0.3426	-0.3426	-0.3426
0.800	-0.1697	-0.2064	-0.1449	-0.1449	-0.1531	-0.1531	*****	*****	*****	*****
0.825	*****	-0.2126	-0.2008	-0.2008	-0.1584	-0.1584	-0.3922	-0.3922	-0.3922	-0.3922
0.850	-0.1521	-0.2207	-0.2092	-0.2092	-0.1916	-0.1916	-0.4349	-0.4349	-0.4349	-0.4349
0.875	*****	-0.2258	-0.2261	-0.2261	-0.2322	-0.2322	-0.4920	-0.4920	-0.4920	-0.4920
0.900	-0.1253	-0.2219	-0.2501	-0.2501	-0.2730	-0.2730	*****	*****	*****	*****
0.925	*****	-0.2046	-0.2488	-0.2488	-0.2881	-0.2881	-0.9035	-0.9035	-0.9035	-0.9035
0.950	-0.1041	-0.1898	-0.2478	-0.2478	-0.2783	-0.2783	-0.4944	-0.4944	-0.4944	-0.4944
0.975	*****	-0.1801	-0.2178	-0.2178	-0.2637	-0.2637	-0.3497	-0.3497	-0.3497	-0.3497
1.000	-0.0978	-0.2622	-0.2703	-0.2703	-0.3914	-0.3914	-0.2408	-0.2408	-0.2408	-0.2408
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0323	0.0420	0.0905	0.0905	0.0905	0.0905	-0.2796	-0.2796	-0.2796	-0.2796
-0.600	0.0151	0.0450	0.0490	0.0490	0.0651	0.0651	-0.3191	-0.3191	-0.3191	-0.3191
-0.700	0.0088	0.0394	0.0402	0.0402	0.0423	0.0423	-0.3433	-0.3433	-0.3433	-0.3433
-0.800	*****	0.0194	0.0366	0.0366	0.0366	0.0366	-0.3735	-0.3735	-0.3735	-0.3735
-0.850	*****	*****	0.0138	0.0138	0.0378	0.0378	-0.3943	-0.3943	-0.3943	-0.3943
-0.900	0.0935	0.0676	0.0301	0.0301	0.0362	0.0362	-0.4268	-0.4268	-0.4268	-0.4268
-0.950	0.1259	0.0898	0.0301	0.0301	0.0397	0.0397	-0.5414	-0.5414	-0.5414	-0.5414
-0.975	*****	0.1715	0.1422	0.0902	0.0245	-0.3552	-0.3552	-0.3552	-0.3552	-0.3552
-1.000	-0.0885	-0.2169	-0.2484	-0.2484	-0.3753	-0.3753	-0.2371	-0.2371	-0.2371	-0.2371

Small Radius L.E.

Run No. = 36 , Point No. = 717

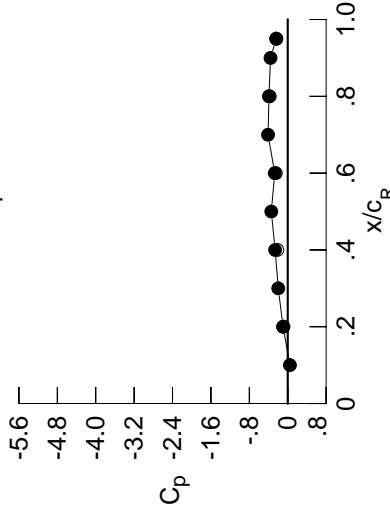
$C_N = 0.070$, $C_m = 0.0089$

$\alpha = 3.1^\circ$, $M_\infty = 0.398$

$R_{mac} = 5.8 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	0.0454	*****
0.20	-0.0978	-0.0885
0.30	-0.1973	*****
0.40	-0.2622	-0.2169
0.50	-0.3424	*****
0.60	-0.2703	-0.2484
0.70	-0.4101	*****
0.80	-0.3914	-0.3753
0.90	-0.3587	*****
0.95	-0.2408	-0.2371

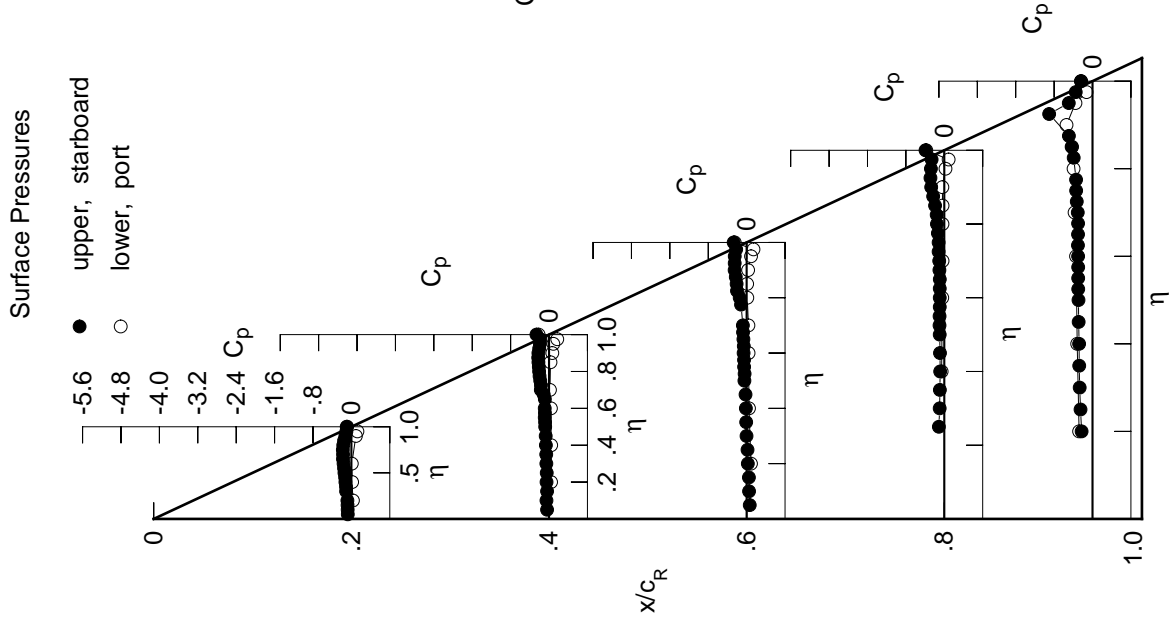


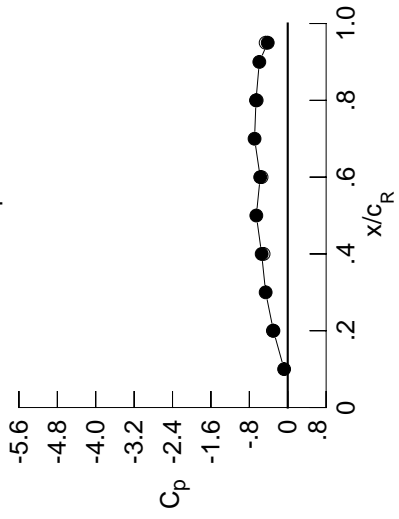
Table D1. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0881	-0.0562	0.0557	*****	0.0557	*****	0.0557	*****	0.0557	*****
0.100	-0.0908	-0.0573	0.0487	*****	0.0487	*****	0.0487	*****	0.0487	*****
0.150	-0.0928	-0.0526	0.0324	*****	0.0324	*****	0.0324	*****	0.0324	*****
0.200	-0.0964	-0.0605	0.0173	*****	0.0173	*****	0.0173	*****	0.0173	*****
0.250	*****	-0.0594	0.0034	-0.1168	-0.1168	-0.2436	-0.2436	-0.2436	-0.2436	-0.2436
0.300	-0.1189	-0.0715	-0.0077	-0.0960	-0.0960	-0.2633	-0.2633	-0.2633	-0.2633	-0.2633
0.350	-0.1376	-0.0716	-0.0246	-0.0967	-0.0967	-0.2784	-0.2784	-0.2784	-0.2784	-0.2784
0.400	-0.1560	-0.0758	-0.0252	-0.0861	-0.0861	-0.2793	-0.2793	-0.2793	-0.2793	-0.2793
0.450	-0.1579	-0.0858	-0.0406	-0.0939	-0.0939	-0.2822	-0.2822	-0.2822	-0.2822	-0.2822
0.500	-0.1744	-0.0909	-0.0554	-0.0973	-0.0973	-0.2741	-0.2741	-0.2741	-0.2741	-0.2741
0.525	*****	-0.1030	-0.0595	-0.1019	-0.1019	-0.2766	-0.2766	-0.2766	-0.2766	-0.2766
0.550	-0.1817	-0.1040	-0.0683	-0.0989	-0.0989	-0.2733	-0.2733	-0.2733	-0.2733	-0.2733
0.575	*****	-0.1116	-0.0717	-0.1040	-0.1040	-0.2658	-0.2658	-0.2658	-0.2658	-0.2658
0.600	-0.1914	-0.1080	-0.0768	-0.0976	-0.0976	-0.2727	-0.2727	-0.2727	-0.2727	-0.2727
0.625	*****	*****	-0.0818	-0.1058	-0.1058	-0.2663	-0.2663	-0.2663	-0.2663	-0.2663
0.650	-0.2050	-0.1210	-0.0871	-0.1081	-0.1081	-0.2684	-0.2684	-0.2684	-0.2684	-0.2684
0.675	*****	-0.1467	-0.0991	-0.1099	-0.1099	-0.2524	-0.2524	-0.2524	-0.2524	-0.2524
0.700	-0.2085	-0.1735	-0.1061	-0.1210	-0.1210	-0.2536	-0.2536	-0.2536	-0.2536	-0.2536
0.725	*****	-0.1716	*****	-0.1308	-0.1308	-0.2547	-0.2547	-0.2547	-0.2547	-0.2547
0.750	-0.2198	-0.2064	*****	-0.1345	-0.1345	-0.2631	-0.2631	-0.2631	-0.2631	-0.2631
0.775	*****	-0.2301	-0.1547	-0.1502	-0.1502	-0.2346	-0.2346	-0.2346	-0.2346	-0.2346
0.800	-0.2131	-0.2402	-0.1811	-0.1763	-0.1763	*****	*****	*****	*****	*****
0.825	*****	-0.2493	-0.2147	-0.1890	-0.1890	-0.2456	-0.2456	-0.2456	-0.2456	-0.2456
0.850	-0.2024	-0.2661	-0.2346	-0.2153	-0.2153	-0.2636	-0.2636	-0.2636	-0.2636	-0.2636
0.875	*****	-0.2748	-0.2691	-0.2510	-0.2510	-0.3381	-0.3381	-0.3381	-0.3381	-0.3381
0.900	-0.1851	-0.2721	-0.2897	-0.3025	-0.3025	*****	*****	*****	*****	*****
0.925	*****	-0.2632	-0.3078	-0.3273	-0.3273	-1.0821	-1.0821	-1.0821	-1.0821	-1.0821
0.950	-0.1759	-0.2571	-0.3159	-0.3292	-0.3292	-0.5672	-0.5672	-0.5672	-0.5672	-0.5672
0.975	*****	-0.2612	-0.2987	-0.3334	-0.3334	-0.4113	-0.4113	-0.4113	-0.4113	-0.4113
1.000	-0.2979	-0.5434	-0.5737	-0.6609	-0.6609	-0.4166	-0.4166	-0.4166	-0.4166	-0.4166
-0.200	$C_{p,l}$	0.0566	0.0606	0.0991	*****	-0.2772	-0.2772	-0.2772	-0.2772	-0.2772
-0.400	$C_{p,l}$	0.0416	0.0650	0.0633	-0.0509	-0.3207	-0.3207	-0.3207	-0.3207	-0.3207
-0.600	$C_{p,l}$	0.0393	0.0639	0.0571	-0.0297	-0.3567	-0.3567	-0.3567	-0.3567	-0.3567
-0.700	$C_{p,l}$	*****	0.0454	0.0546	-0.0271	-0.3920	-0.3920	-0.3920	-0.3920	-0.3920
-0.800	$C_{p,l}$	*****	*****	0.0383	-0.0179	-0.4105	-0.4105	-0.4105	-0.4105	-0.4105
-0.850	$C_{p,l}$	*****	0.0684	0.0415	-0.0130	-0.4491	-0.4491	-0.4491	-0.4491	-0.4491
-0.900	$C_{p,l}$	0.1253	0.1022	0.0642	-0.0111	-0.5465	-0.5465	-0.5465	-0.5465	-0.5465
-0.950	$C_{p,l}$	0.1527	0.1091	0.1206	0.0554	-0.3379	-0.3379	-0.3379	-0.3379	-0.3379
-0.975	$C_{p,l}$	*****	0.1881	0.1628	0.1078	-0.0983	-0.0983	-0.0983	-0.0983	-0.0983
-1.000	$C_{p,l}$	-0.3086	-0.5030	-0.5455	-0.6472	-0.4602	-0.4602	-0.4602	-0.4602	-0.4602

Small Radius L.E.
 Run No. = 36 , Point No. = 718
 $C_N = 0.099$, $C_m = 0.0063$
 $\alpha = 4.2^\circ$, $M_\infty = 0.399$
 $R_{mac} = 5.8 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.0754	*****
0.20	-0.2979	-0.3086
0.30	-0.4599	*****
0.40	-0.5434	-0.5030
0.50	-0.6541	*****
0.60	-0.5737	-0.5455
0.70	-0.6912	*****
0.80	-0.6609	-0.6472
0.90	-0.5917	*****
0.95	-0.4166	-0.4602

Surface Pressures

● upper, starboard
 ○ lower, port

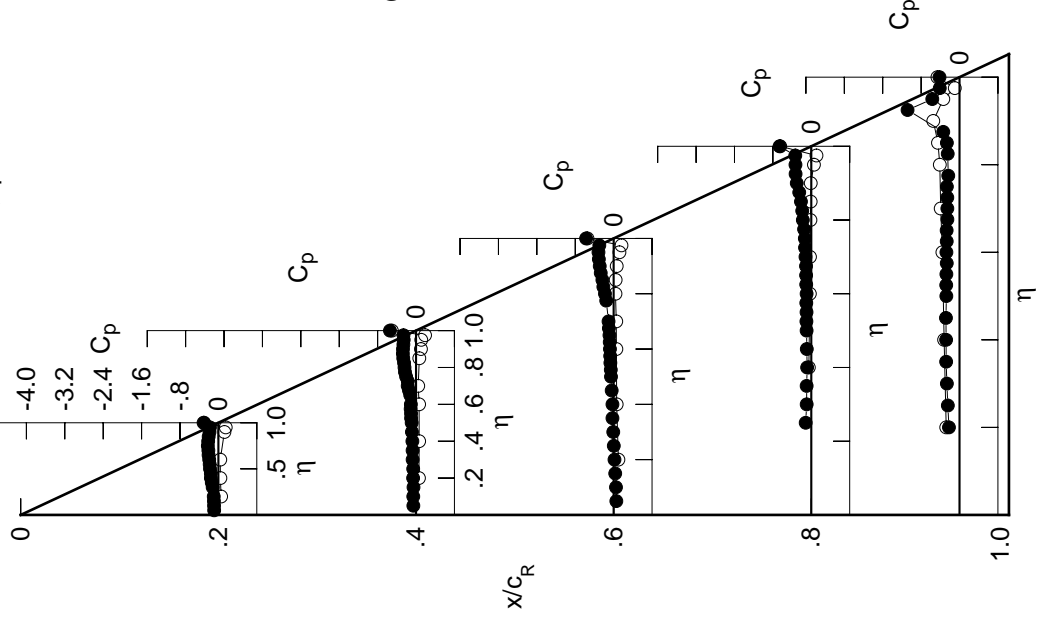
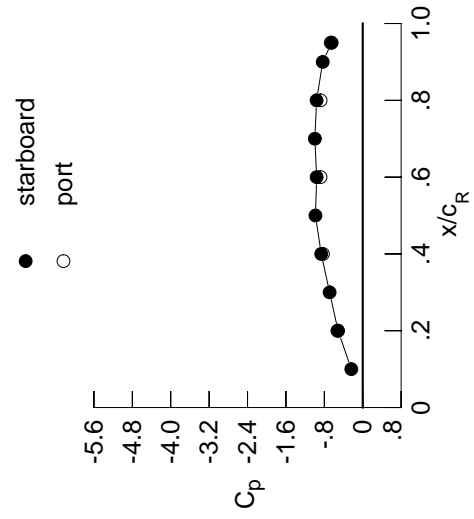


Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0930	-0.0704	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
0.100	-0.1005	-0.0682	0.0368	0.0368	0.0368	0.0368	0.0368	0.0368	0.0368	0.0368
0.150	-0.1173	-0.0747	0.0317	0.0317	0.0317	0.0317	0.0317	0.0317	0.0317	0.0317
0.200	-0.1088	-0.0697	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064
0.250	0.0000	-0.0802	-0.0014	-0.1193	-0.1193	-0.1193	-0.1193	-0.1193	-0.1193	-0.1193
0.300	-0.1170	-0.0812	-0.0280	-0.1028	-0.1028	-0.1028	-0.1028	-0.1028	-0.1028	-0.1028
0.350	-0.1247	-0.0856	-0.0270	-0.1038	-0.1038	-0.1038	-0.1038	-0.1038	-0.1038	-0.1038
0.400	-0.1809	-0.0999	-0.0433	-0.0973	-0.0973	-0.0973	-0.0973	-0.0973	-0.0973	-0.0973
0.450	-0.2015	-0.1091	-0.0419	-0.0956	-0.0956	-0.0956	-0.0956	-0.0956	-0.0956	-0.0956
0.500	-0.2094	-0.1182	-0.0691	-0.1083	-0.1083	-0.1083	-0.1083	-0.1083	-0.1083	-0.1083
0.525	0.0000	-0.1272	-0.0649	-0.1029	-0.1029	-0.1029	-0.1029	-0.1029	-0.1029	-0.1029
0.550	-0.2144	-0.1333	-0.0821	-0.1165	-0.1165	-0.1165	-0.1165	-0.1165	-0.1165	-0.1165
0.575	0.0000	-0.1340	-0.0816	-0.1033	-0.1033	-0.1033	-0.1033	-0.1033	-0.1033	-0.1033
0.600	-0.2262	-0.1385	-0.0986	-0.1113	-0.1113	-0.1113	-0.1113	-0.1113	-0.1113	-0.1113
0.625	0.0000	0.0000	-0.0954	-0.1070	-0.1070	-0.1070	-0.1070	-0.1070	-0.1070	-0.1070
0.650	-0.2407	-0.1555	-0.1121	-0.1109	-0.1109	-0.1109	-0.1109	-0.1109	-0.1109	-0.1109
0.675	0.0000	-0.1842	-0.1154	-0.1338	-0.1338	-0.1338	-0.1338	-0.1338	-0.1338	-0.1338
0.700	-0.2484	-0.1959	-0.1301	-0.1309	-0.1309	-0.1309	-0.1309	-0.1309	-0.1309	-0.1309
0.725	0.0000	-0.2103	0.0000	-0.1542	-0.1542	-0.1542	-0.1542	-0.1542	-0.1542	-0.1542
0.750	-0.2569	-0.2337	0.0000	-0.1467	-0.1467	-0.1467	-0.1467	-0.1467	-0.1467	-0.1467
0.775	0.0000	-0.2593	-0.1872	-0.1779	-0.1779	-0.1779	-0.1779	-0.1779	-0.1779	-0.1779
0.800	-0.2520	-0.2763	-0.2148	-0.1944	-0.1944	-0.1944	-0.1944	-0.1944	-0.1944	-0.1944
0.825	0.0000	-0.3033	-0.2496	-0.2080	-0.2080	-0.2080	-0.2080	-0.2080	-0.2080	-0.2080
0.850	-0.2442	-0.3102	-0.2764	-0.2374	-0.2374	-0.2374	-0.2374	-0.2374	-0.2374	-0.2374
0.875	0.0000	-0.3293	-0.3117	-0.2854	-0.2854	-0.2854	-0.2854	-0.2854	-0.2854	-0.2854
0.900	-0.2275	-0.3322	-0.3548	-0.3475	-0.3475	-0.3475	-0.3475	-0.3475	-0.3475	-0.3475
0.925	0.0000	-0.3416	-0.3727	-0.3810	-0.3810	-0.3810	-0.3810	-0.3810	-0.3810	-0.3810
0.950	-0.2337	-0.3474	-0.4001	-0.4051	-0.4051	-0.4051	-0.4051	-0.4051	-0.4051	-0.4051
0.975	0.0000	-0.3711	-0.4145	-0.4400	-0.4400	-0.4400	-0.4400	-0.4400	-0.4400	-0.4400
1.000	-0.5139	-0.8646	-0.9602	-0.9612	-0.9612	-0.9612	-0.9612	-0.9612	-0.9612	-0.9612
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0785	0.0722	0.1180	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
-0.600	0.0632	0.0866	0.0776	-0.0367	-0.0367	-0.0367	-0.0367	-0.0367	-0.0367	-0.0367
-0.700	0.0688	0.0780	0.0794	-0.0190	-0.0190	-0.0190	-0.0190	-0.0190	-0.0190	-0.0190
-0.800	0.0000	0.0710	0.0712	-0.0108	-0.0108	-0.0108	-0.0108	-0.0108	-0.0108	-0.0108
-0.850	0.0000	0.0977	0.0676	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080
-0.900	0.1567	0.1311	0.0953	0.0210	0.0210	0.0210	0.0210	0.0210	0.0210	0.0210
-0.950	0.1771	0.1210	0.1473	0.0880	0.0880	0.0880	0.0880	0.0880	0.0880	0.0880
-0.975	0.0000	0.1922	0.1737	0.1364	0.1364	0.1364	0.1364	0.1364	0.1364	0.1364
-1.000	-0.5268	-0.8288	-0.8801	-0.8784	-0.8784	-0.8784	-0.8784	-0.8784	-0.8784	-0.8784

Small Radius L.E.
 Run No. = 36 , Point No. = 719
 $C_N = 0.143$, $C_m = -0.0056$
 $\alpha = 5.2^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.8 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.2378	0.0000
0.20	-0.5139	-0.5268
0.30	-0.6893	0.0000
0.40	-0.8646	-0.8288
0.50	-0.9846	0.0000
0.60	-0.9602	-0.8801
0.70	-0.9972	0.0000
0.80	-0.9612	-0.8784
0.90	-0.8335	0.0000
0.95	-0.6474	-0.6666

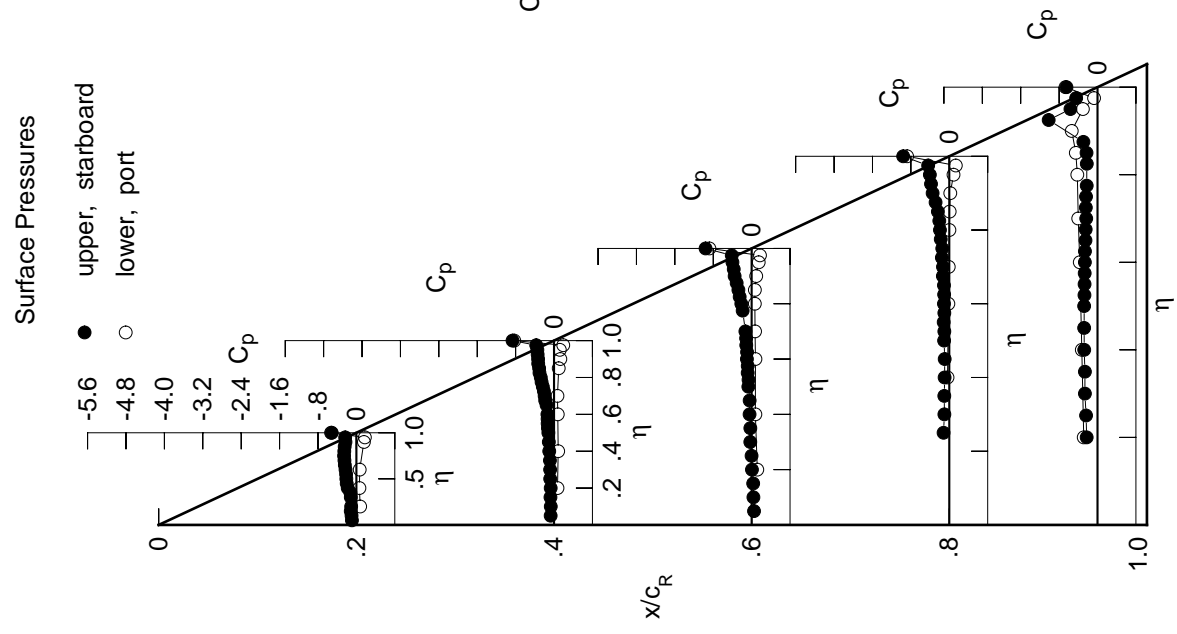


Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1225	-0.0847	0.0359	*****	*****	*****	*****	*****	*****	
0.100	-0.1300	-0.0903	0.0271	*****	*****	*****	*****	*****	*****	
0.150	-0.1368	-0.0891	0.0167	*****	*****	*****	*****	*****	*****	
0.200	-0.1359	-0.0957	-0.0085	*****	*****	*****	*****	*****	-0.2286	
0.250	*****	-0.0982	-0.0192	-0.1285	-0.1285	-0.1285	-0.1285	-0.1285	-0.2455	
0.300	-0.1476	-0.1049	-0.0371	-0.1144	-0.1144	-0.1144	-0.1144	-0.1144	-0.2651	
0.350	-0.1563	-0.1034	-0.0481	-0.1102	-0.1102	-0.1102	-0.1102	-0.1102	-0.2743	
0.400	-0.1788	-0.1224	-0.0535	-0.1051	-0.1051	-0.1051	-0.1051	-0.1051	-0.2792	
0.450	-0.1932	-0.1298	-0.0697	-0.1102	-0.1102	-0.1102	-0.1102	-0.1102	-0.2897	
0.500	-0.2180	-0.1438	-0.0866	-0.1197	-0.1197	-0.1197	-0.1197	-0.1197	-0.2853	
0.525	*****	-0.1522	-0.0945	-0.1227	-0.1227	-0.1227	-0.1227	-0.1227	-0.2877	
0.550	-0.2335	-0.1592	-0.1065	-0.1344	-0.1344	-0.1344	-0.1344	-0.1344	-0.2715	
0.575	*****	-0.1587	-0.1113	-0.1296	-0.1296	-0.1296	-0.1296	-0.1296	-0.2647	
0.600	-0.2517	-0.1658	-0.1264	-0.1384	-0.1384	-0.1384	-0.1384	-0.1384	-0.2595	
0.625	*****	*****	-0.1237	-0.1394	-0.1394	-0.1394	-0.1394	-0.1394	-0.2539	
0.650	-0.2725	-0.1795	-0.1424	-0.1414	-0.1414	-0.1414	-0.1414	-0.1414	-0.2567	
0.675	*****	-0.2116	-0.1529	-0.1520	-0.1520	-0.1520	-0.1520	-0.1520	-0.2460	
0.700	-0.2821	-0.2369	-0.1581	-0.1619	-0.1619	-0.1619	-0.1619	-0.1619	-0.2521	
0.725	*****	-0.2387	*****	-0.1700	-0.1700	-0.1700	-0.1700	-0.1700	-0.2587	
0.750	-0.3023	-0.2773	*****	-0.1857	-0.1857	-0.1857	-0.1857	-0.1857	-0.2704	
0.775	*****	-0.3089	-0.2133	-0.2054	-0.2054	-0.2054	-0.2054	-0.2054	-0.2672	
0.800	-0.3096	-0.3266	-0.2478	-0.2291	-0.2291	-0.2291	-0.2291	-0.2291	*****	
0.825	*****	-0.3475	-0.2887	-0.2415	-0.2415	-0.2415	-0.2415	-0.2415	-0.3136	
0.850	-0.3063	-0.3693	-0.3167	-0.2719	-0.2719	-0.2719	-0.2719	-0.2719	-0.3356	
0.875	*****	-0.3957	-0.3592	-0.3120	-0.3120	-0.3120	-0.3120	-0.3120	-0.4094	
0.900	-0.3004	-0.4131	-0.4000	-0.3729	-0.3729	-0.3729	-0.3729	-0.3729	*****	
0.925	*****	-0.4158	-0.4277	-0.4127	-0.4127	-0.4127	-0.4127	-0.4127	-0.9995	
0.950	-0.3241	-0.4373	-0.4530	-0.4531	-0.4531	-0.4531	-0.4531	-0.4531	-0.6408	
0.975	*****	-0.4801	-0.6838	-0.7132	-0.5366	-0.5366	-0.5366	-0.5366	-0.5366	
1.000	-0.7237	-1.1068	-0.9798	-0.8585	-0.9171	-0.9171	-0.9171	-0.9171	-0.8173	
-0.200	$C_{p,l}$	0.0993	0.1265	*****	*****	*****	*****	*****	-0.2943	
-0.400	0.0895	0.1002	0.0943	-0.0301	-0.3234	-0.3234	-0.3234	-0.3234	-0.3234	
-0.600	0.0945	0.1055	0.0895	-0.0001	-0.3725	-0.3725	-0.3725	-0.3725	-0.3725	
-0.700	*****	0.0945	0.0979	0.0037	-0.3879	-0.3879	-0.3879	-0.3879	-0.3879	
-0.800	*****	*****	0.0901	0.0193	-0.3950	-0.3950	-0.3950	-0.3950	-0.3950	
-0.850	*****	0.1290	0.0947	0.0325	-0.4212	-0.4212	-0.4212	-0.4212	-0.4212	
-0.900	0.1792	0.1578	0.1232	0.0470	-0.4899	-0.4899	-0.4899	-0.4899	-0.4899	
-0.950	0.1986	0.1270	0.1656	0.1097	-0.2609	-0.2609	-0.2609	-0.2609	-0.2609	
-0.975	*****	0.1827	0.1732	0.1468	-0.0424	-0.0424	-0.0424	-0.0424	-0.0424	
-1.000	-0.7514	-1.10089	-0.8655	-0.7714	-0.8173	-0.8173	-0.8173	-0.8173	-0.8173	

Small Radius L.E.
 Run No. = 36 , Point No. = 720
 $C_N = 0.188$, $C_m = -0.0139$
 $\alpha = 6.2^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.8 \times 10^6$

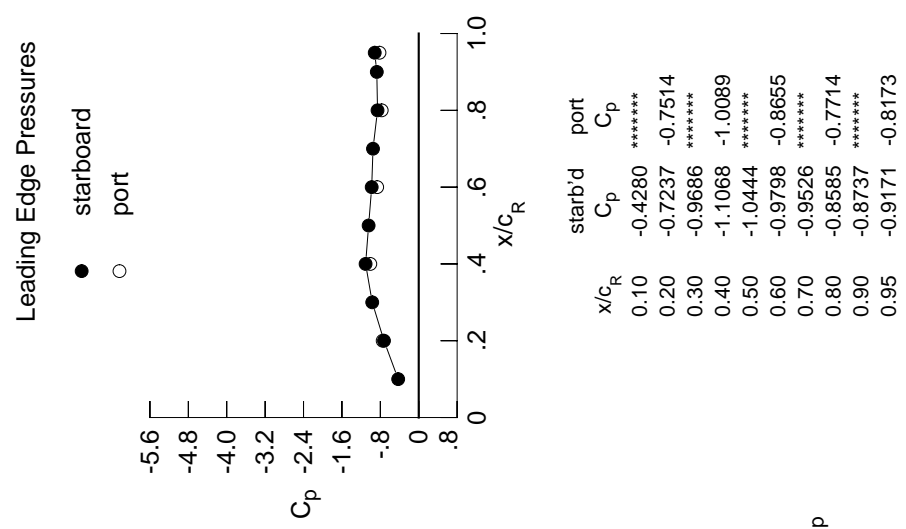


Table D1. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1420	-0.0976	0.0296	*****	*****
0.100	-0.1488	-0.1053	0.0131	*****	*****
0.150	-0.1565	-0.1010	0.0055	*****	*****
0.200	-0.1648	-0.1079	-0.0173	*****	-0.2303
0.250	*****	-0.1099	-0.0222	-0.1371	-0.2456
0.300	-0.1730	-0.1215	-0.0521	-0.1234	-0.2682
0.350	-0.1793	-0.1243	-0.0586	-0.1131	-0.2953
0.400	-0.2024	-0.1433	-0.0698	-0.1151	-0.2960
0.450	-0.2190	-0.1501	-0.0890	-0.1251	-0.2753
0.500	-0.2475	-0.1683	-0.1149	-0.1441	-0.2392
0.525	*****	-0.1807	-0.1175	-0.1431	-0.2424
0.550	-0.2624	-0.1931	-0.1266	-0.1487	-0.2334
0.575	*****	-0.1892	-0.1354	-0.1389	-0.2465
0.600	-0.2831	-0.2016	-0.1434	-0.1447	-0.2557
0.625	*****	*****	-0.1477	-0.1460	-0.2766
0.650	-0.3095	-0.2134	-0.1640	-0.1469	-0.2683
0.675	*****	-0.2427	-0.1670	-0.1622	-0.2701
0.700	-0.3211	-0.2634	-0.1781	-0.1715	-0.2774
0.725	*****	-0.2782	*****	-0.2043	-0.2935
0.750	-0.3463	-0.3105	*****	-0.2113	-0.3059
0.775	*****	-0.3417	-0.2362	-0.2305	-0.3075
0.800	-0.3586	-0.3673	-0.2730	-0.2555	*****
0.825	*****	-0.3889	-0.3098	-0.2677	-0.3889
0.850	-0.3659	-0.4125	-0.3254	-0.2856	-0.4468
0.875	*****	-0.4343	-0.3490	-0.3170	-0.5646
0.900	-0.3719	-0.4386	-0.4229	-0.3990	*****
0.925	*****	-0.4497	-0.6330	-0.5963	-0.8200
0.950	-0.4096	-0.6477	-0.8843	-0.8009	-0.6903
0.975	*****	-0.9403	-0.8745	-0.8277	-0.7083
1.000	-0.9415	-1.0215	-0.9228	-0.8115	-0.7642
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1154	0.1223	0.1412	*****	-0.3005
-0.400	0.1071	0.1245	0.1089	-0.0176	-0.3280
-0.600	0.1226	0.1243	0.1066	0.0126	-0.3611
-0.700	*****	0.1217	0.1162	0.0148	-0.3564
-0.800	*****	*****	0.1143	0.0416	-0.3542
-0.850	*****	0.1542	0.1195	0.0553	-0.3801
-0.900	0.2039	0.1820	0.1488	0.0731	-0.4395
-0.950	0.2127	0.1328	0.1798	0.1302	-0.2231
-0.975	*****	0.1709	0.1721	0.1542	-0.0198
-1.000	-0.9356	-0.9170	-0.8479	-0.7173	-0.5239

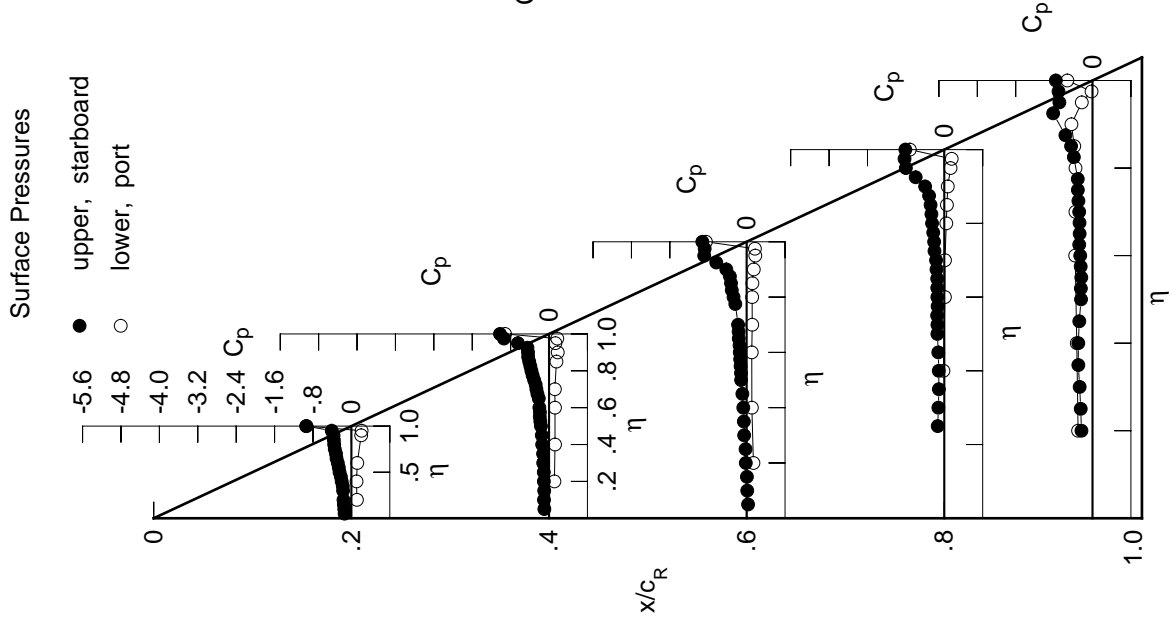
Small Radius L.E.

Run No. = 36, Point No. = 721

$C_N = 0.237$, $C_m = -0.0255$

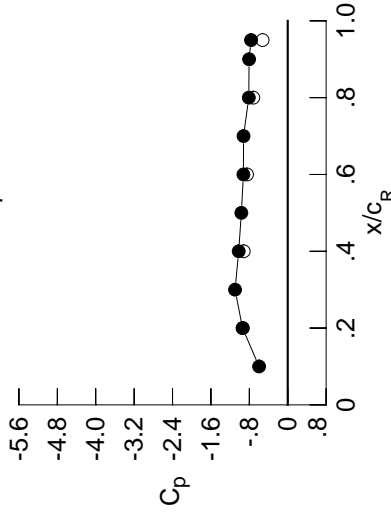
$\alpha = 7.2^\circ$, $M_\infty = 0.398$

$R_{mac} = 5.8 \times 10^6$



Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	-0.5971	*****
0.20	-0.9415	-0.9356
0.30	-1.0973	*****
0.40	-1.0215	-0.9170
0.50	-0.9661	*****
0.60	-0.9228	-0.8479
0.70	-0.9210	*****
0.80	-0.8115	-0.7173
0.90	-0.8050	*****
0.95	-0.7642	-0.5239

Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1596	-0.1132	0.0145	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1714	-0.1206	0.0005	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1811	-0.1188	-0.0071	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1888	-0.1298	-0.0309	*****	*****	*****	*****	*****	*****	-0.2284
0.250	*****	-0.1319	-0.0377	-0.1436	-0.1293	-0.2796	*****	*****	*****	-0.2466
0.300	-0.1979	-0.1384	-0.0669	-0.1293	-0.1411	-0.2711	*****	*****	*****	-0.2796
0.350	-0.2030	-0.1494	-0.0782	-0.1411	-0.2711	*****	*****	*****	*****	-0.2711
0.400	-0.2300	-0.1695	-0.1009	-0.1383	-0.2131	*****	*****	*****	*****	-0.2131
0.450	-0.2473	-0.1838	-0.1125	-0.1339	-0.2160	*****	*****	*****	*****	-0.2160
0.500	-0.2761	-0.1977	-0.1310	-0.1444	-0.2426	*****	*****	*****	*****	-0.2426
0.525	*****	-0.2082	-0.1274	-0.1379	-0.2695	*****	*****	*****	*****	-0.2695
0.550	-0.2954	-0.2125	-0.1385	-0.1476	-0.2889	*****	*****	*****	*****	-0.2889
0.575	*****	-0.2141	-0.1404	-0.1350	-0.3024	*****	*****	*****	*****	-0.3024
0.600	-0.3196	-0.2164	-0.1475	-0.1401	-0.3223	*****	*****	*****	*****	-0.3223
0.625	*****	*****	-0.1473	-0.1431	-0.3338	*****	*****	*****	*****	-0.3338
0.650	-0.3492	-0.2337	-0.1708	-0.1384	-0.3414	*****	*****	*****	*****	-0.3414
0.675	*****	-0.2665	-0.1769	-0.1482	-0.3355	*****	*****	*****	*****	-0.3355
0.700	-0.3658	-0.2880	-0.1816	-0.1511	-0.3392	*****	*****	*****	*****	-0.3392
0.725	*****	-0.2953	*****	-0.1709	-0.3567	*****	*****	*****	*****	-0.3567
0.750	-0.3976	-0.3344	*****	-0.2182	-0.4154	*****	*****	*****	*****	-0.4154
0.775	*****	-0.3637	-0.2221	-0.3089	-0.5021	*****	*****	*****	*****	-0.5021
0.800	-0.4159	-0.3771	-0.2921	-0.4037	*****	*****	*****	*****	*****	-0.5021
0.825	*****	-0.3852	-0.4016	-0.5233	-0.6734	*****	*****	*****	*****	-0.6734
0.850	-0.4293	-0.3801	-0.5454	-0.6249	-0.6583	*****	*****	*****	*****	-0.6583
0.875	*****	-0.4591	-0.7342	-0.6918	-0.6050	*****	*****	*****	*****	-0.6050
0.900	-0.4442	-0.7469	-0.8820	-0.7304	*****	*****	*****	*****	*****	-0.7304
0.925	*****	-0.9649	-0.8923	-0.7115	-0.5434	*****	*****	*****	*****	-0.5434
0.950	-0.5109	-1.0156	-0.8545	-0.6788	-0.4581	*****	*****	*****	*****	-0.4581
0.975	*****	-0.9704	-0.8283	-0.6697	-0.3886	*****	*****	*****	*****	-0.3886
1.000	-1.0949	-1.0041	-0.8661	-0.6543	-0.3792	*****	*****	*****	*****	-0.3792
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1385	0.1341	0.1614	*****	-0.2976	*****	*****	*****	*****	-0.2976
-0.600	0.1314	0.1464	0.1289	-0.0065	-0.3427	*****	*****	*****	*****	-0.3427
-0.700	0.1499	0.1493	0.1265	0.0278	-0.3248	*****	*****	*****	*****	-0.3248
-0.800	*****	0.1477	0.1373	0.0352	-0.3110	*****	*****	*****	*****	-0.3110
-0.850	*****	*****	0.1373	0.0602	-0.3278	*****	*****	*****	*****	-0.3278
-0.900	*****	0.1806	0.1454	0.0786	-0.3689	*****	*****	*****	*****	-0.3689
-0.950	0.2254	0.2015	0.1734	0.0936	-0.4272	*****	*****	*****	*****	-0.4272
-0.975	0.2261	0.1294	0.1896	0.1472	-0.2033	*****	*****	*****	*****	-0.2033
-1.000	*****	0.1558	0.1668	0.1600	-0.0089	*****	*****	*****	*****	-0.0089
	-0.9678	-0.9396	-0.8266	-0.6316	-0.3975	*****	*****	*****	*****	-0.3975

Small Radius L.E.
 Run No. = 36 , Point No. = 722
 $C_N = 0.292$, $C_m = -0.0364$
 $\alpha = 8.3^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.8 \times 10^6$

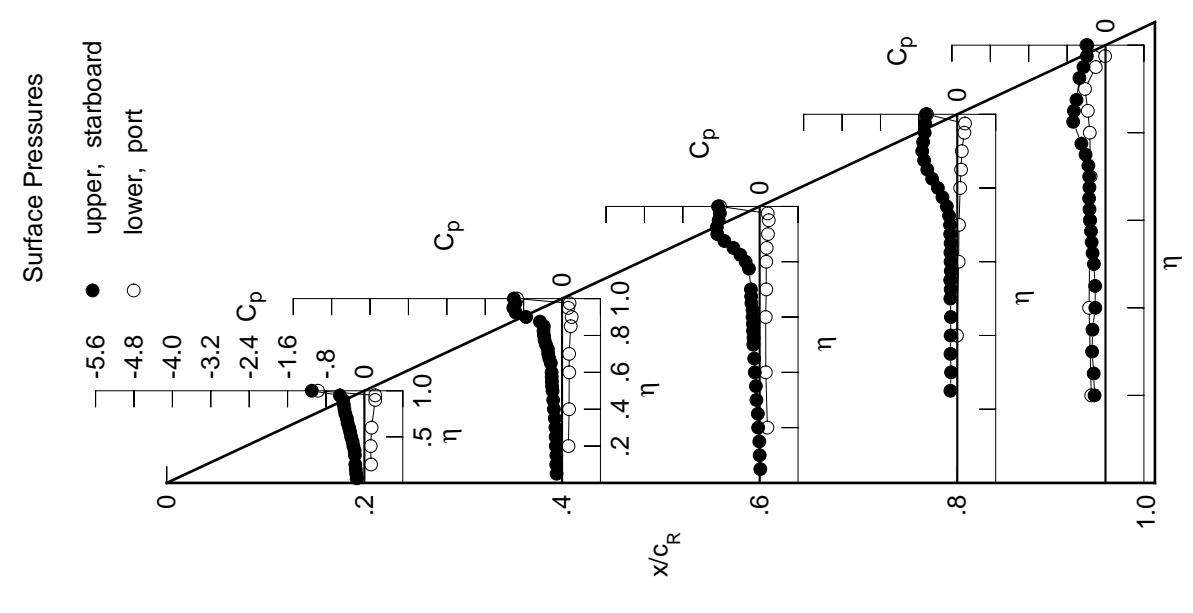
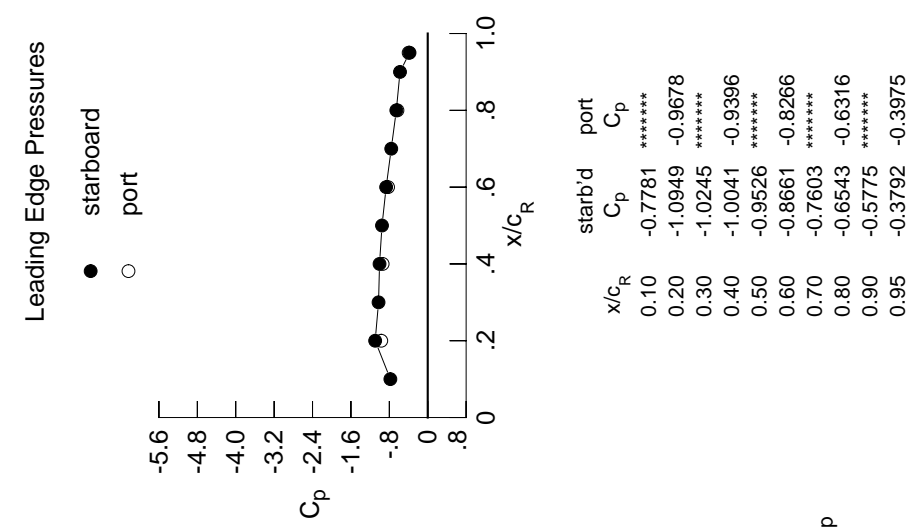


Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1796	-0.1337	-0.0004	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1906	-0.1388	-0.0088	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2080	-0.1389	-0.0234	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2118	-0.1449	-0.0428	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1506	-0.0546	-0.1585	-0.1585	-0.1585	-0.1585	-0.1585	-0.1585	-0.2466
0.300	-0.2263	-0.1637	-0.0953	-0.1486	-0.1486	-0.1486	-0.1486	-0.1486	-0.1486	-0.2612
0.350	-0.2313	-0.1870	-0.1135	-0.1519	-0.1519	-0.1519	-0.1519	-0.1519	-0.1519	-0.2489
0.400	-0.2616	-0.2060	-0.1110	-0.1349	-0.1349	-0.1349	-0.1349	-0.1349	-0.1349	-0.1875
0.450	-0.2791	-0.2074	-0.1170	-0.1302	-0.1302	-0.1302	-0.1302	-0.1302	-0.1302	-0.1936
0.500	-0.3099	-0.2121	-0.1340	-0.1397	-0.1397	-0.1397	-0.1397	-0.1397	-0.1397	-0.2524
0.525	*****	-0.2209	-0.1312	-0.1386	-0.1386	-0.1386	-0.1386	-0.1386	-0.1386	-0.2934
0.550	-0.3306	-0.2271	-0.1441	-0.1414	-0.1414	-0.1414	-0.1414	-0.1414	-0.1414	-0.3169
0.575	*****	-0.2233	-0.1467	-0.1307	-0.1307	-0.1307	-0.1307	-0.1307	-0.1307	-0.3360
0.600	-0.3550	-0.2280	-0.1503	-0.1272	-0.1272	-0.1272	-0.1272	-0.1272	-0.1272	-0.3444
0.625	*****	*****	-0.1492	-0.1201	-0.1201	-0.1201	-0.1201	-0.1201	-0.1201	-0.3566
0.650	-0.3898	-0.2456	-0.1628	-0.1082	-0.1082	-0.1082	-0.1082	-0.1082	-0.1082	-0.3612
0.675	*****	-0.2776	-0.1567	-0.0970	-0.0970	-0.0970	-0.0970	-0.0970	-0.0970	-0.3498
0.700	-0.4068	-0.2978	-0.1499	-0.0868	-0.0868	-0.0868	-0.0868	-0.0868	-0.0868	-0.3256
0.725	*****	-0.3037	*****	-0.1331	-0.1331	-0.1331	-0.1331	-0.1331	-0.1331	-0.3399
0.750	-0.4409	-0.3172	*****	-0.3173	-0.3173	-0.3173	-0.3173	-0.3173	-0.3173	-0.4340
0.775	*****	-0.3221	-0.4001	-0.6433	-0.6433	-0.6433	-0.6433	-0.6433	-0.6433	-0.6601
0.800	-0.4612	-0.3523	-0.7330	-0.8808	-0.8808	-0.8808	-0.8808	-0.8808	-0.8808	-0.8466
0.825	*****	-0.5317	-0.9410	-0.9929	-0.9929	-0.9929	-0.9929	-0.9929	-0.9929	-0.8706
0.850	-0.4671	-0.8261	-0.9845	-0.9509	-0.9509	-0.9509	-0.9509	-0.9509	-0.9509	-0.6452
0.875	*****	-1.0414	-0.9825	-0.8027	-0.8027	-0.8027	-0.8027	-0.8027	-0.8027	-0.5627
0.900	-0.5074	-1.0901	-0.9340	-0.7096	-0.7096	-0.7096	-0.7096	-0.7096	-0.7096	*****
0.925	*****	-1.0639	-0.8613	-0.6637	-0.6637	-0.6637	-0.6637	-0.6637	-0.6637	*****
0.950	-0.9308	-1.0244	-0.8302	-0.6130	-0.6130	-0.6130	-0.6130	-0.6130	-0.6130	-0.5343
0.975	*****	-1.0042	-0.8073	-0.6071	-0.6071	-0.6071	-0.6071	-0.6071	-0.6071	-0.4397
1.000	-1.1067	-1.0290	-0.8349	-0.5990	-0.5990	-0.5990	-0.5990	-0.5990	-0.5990	-0.3827
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1597	0.1537	0.1793	*****	*****	*****	*****	*****	*****	0.3807
-0.400	0.1584	0.1655	0.1464	0.0052	-0.3386	-0.3386	-0.3386	-0.3386	-0.3386	-0.2793
-0.600	0.1781	0.1688	0.1468	0.0436	-0.3134	-0.3134	-0.3134	-0.3134	-0.3134	-0.3386
-0.700	*****	0.1737	0.1580	0.0516	-0.3113	-0.3113	-0.3113	-0.3113	-0.3113	-0.3134
-0.800	*****	*****	0.1595	0.0754	-0.3386	-0.3386	-0.3386	-0.3386	-0.3386	-0.3113
-0.850	*****	0.2023	0.1674	0.0978	-0.3776	-0.3776	-0.3776	-0.3776	-0.3776	-0.3386
-0.900	0.2435	0.2190	0.1963	0.1137	-0.4147	-0.4147	-0.4147	-0.4147	-0.4147	-0.3776
-0.950	0.2365	0.1247	0.1979	0.1622	-0.1869	-0.1869	-0.1869	-0.1869	-0.1869	-0.4147
-0.975	*****	0.1358	0.1578	0.1615	0.0016	0.0016	0.0016	0.0016	0.0016	-0.1869
-1.000	-0.9914	-0.9964	-0.8237	-0.6050	-0.3629	-0.3629	-0.3629	-0.3629	-0.3629	0.0016

Small Radius L.E.

Run No. = 36 , Point No. = 723

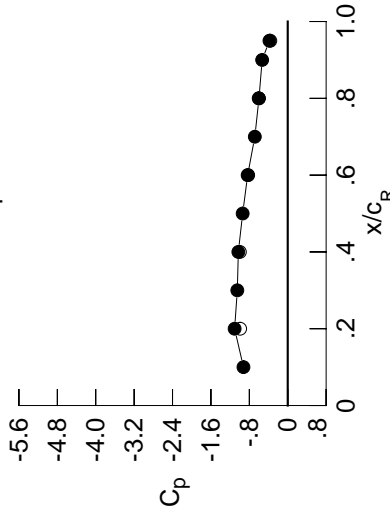
$C_N = 0.344$, $C_m = -0.0428$

$\alpha = 9.3^\circ$, $M_\infty = 0.398$

$R_{mac} = 5.8 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.9222	*****
0.20	-1.1067	-0.9914
0.30	-1.0502	*****
0.40	-1.0290	-0.9964
0.50	-0.9388	*****
0.60	-0.8349	-0.8237
0.70	-0.6853	*****
0.80	-0.5990	-0.6050
0.90	-0.5326	*****
0.95	-0.3807	-0.3629

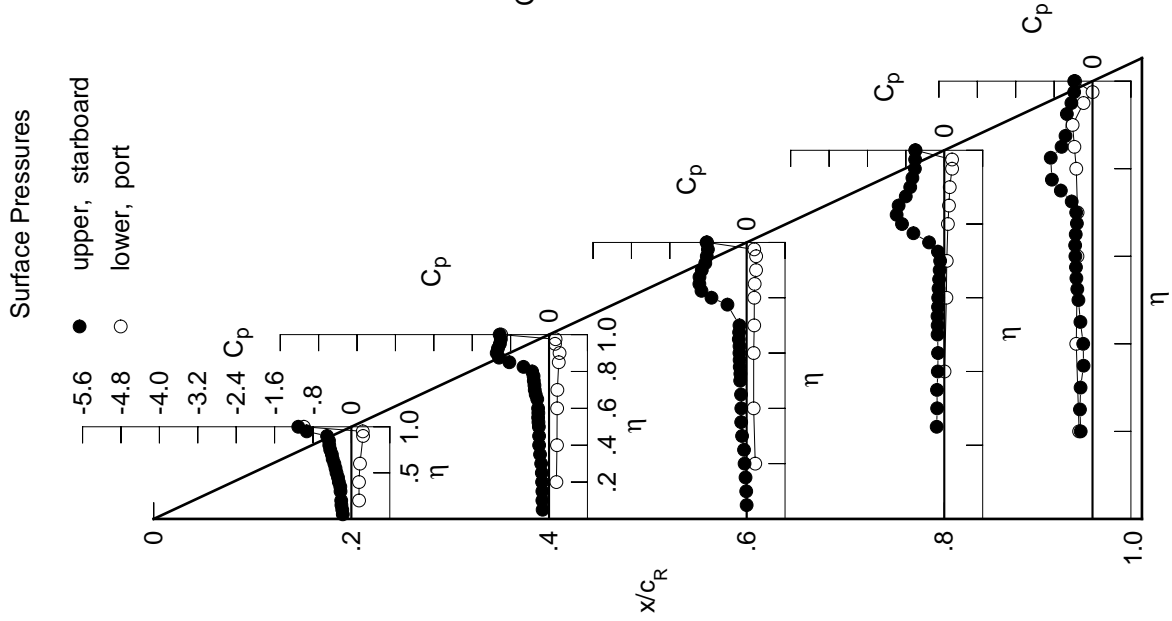
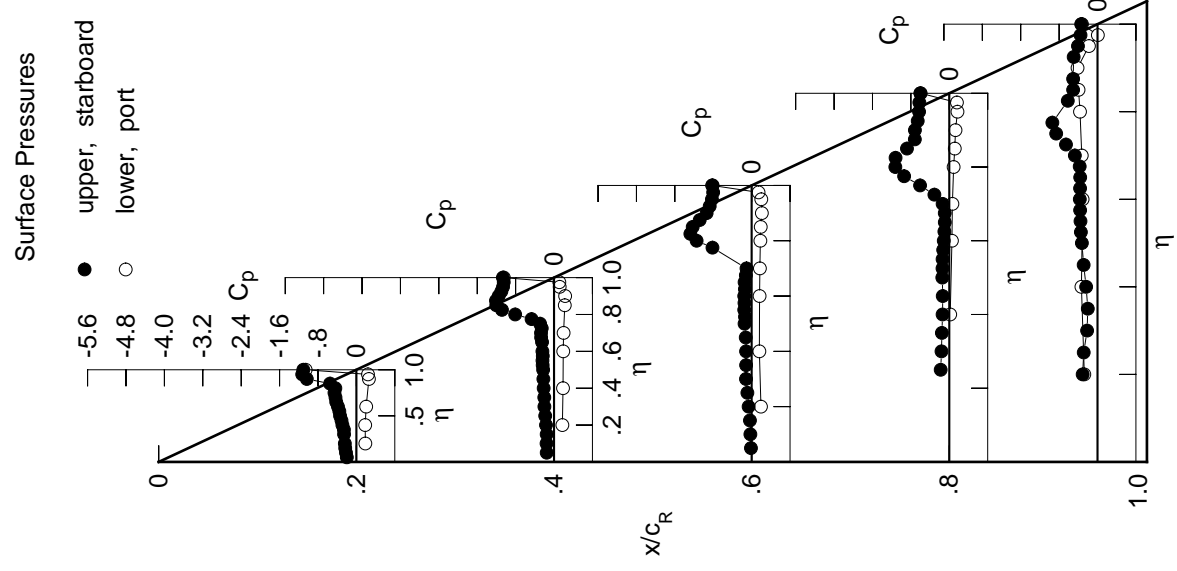
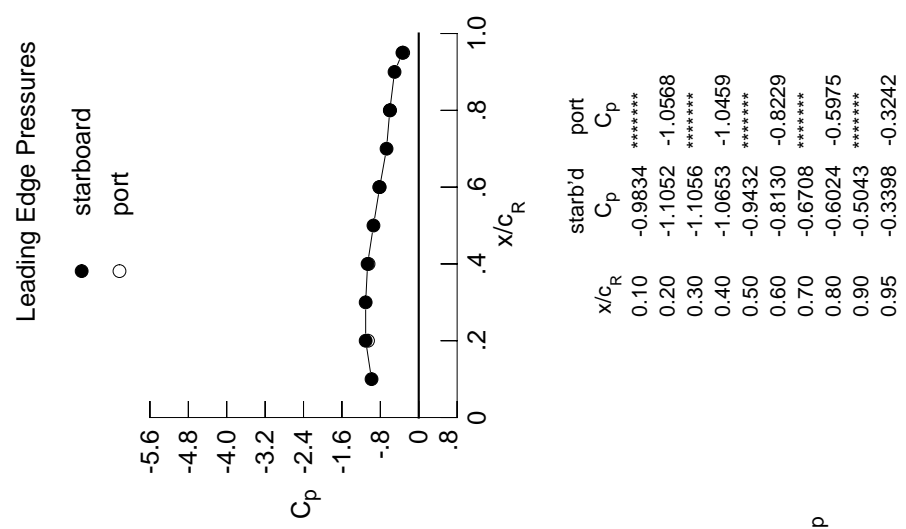


Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1992	-0.1530	-0.0142	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2165	-0.1559	-0.0265	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2330	-0.1535	-0.0356	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2410	-0.1671	-0.0630	*****	*****	*****	*****	*****	*****	-0.3097
0.250	*****	-0.1840	-0.0887	-0.1793	-0.2872	*****	*****	*****	*****	*****
0.300	-0.2566	-0.2006	-0.1180	-0.1621	-0.2170	*****	*****	*****	*****	*****
0.350	-0.2599	-0.2036	-0.1152	-0.1543	-0.2026	*****	*****	*****	*****	*****
0.400	-0.2910	-0.2160	-0.1160	-0.1399	-0.2370	*****	*****	*****	*****	*****
0.450	-0.3108	-0.2222	-0.1233	-0.1370	-0.2886	*****	*****	*****	*****	*****
0.500	-0.3399	-0.2275	-0.1480	-0.1453	-0.3254	*****	*****	*****	*****	*****
0.525	*****	-0.2370	-0.1381	-0.1413	-0.3464	*****	*****	*****	*****	*****
0.550	-0.3554	-0.2409	-0.1544	-0.1401	-0.3548	*****	*****	*****	*****	*****
0.575	*****	-0.2347	-0.1493	-0.1271	-0.3623	*****	*****	*****	*****	*****
0.600	-0.3844	-0.2426	-0.1547	-0.1153	-0.3686	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1402	-0.1021	-0.3636	*****	*****	*****	*****	*****
0.650	-0.4201	-0.2495	-0.1470	-0.0938	-0.3608	*****	*****	*****	*****	*****
0.675	*****	-0.2690	-0.1209	-0.0942	-0.3712	*****	*****	*****	*****	*****
0.700	-0.4348	-0.2708	-0.1074	-0.1393	-0.4723	*****	*****	*****	*****	*****
0.725	*****	-0.2560	*****	-0.3103	-0.6565	*****	*****	*****	*****	*****
0.750	-0.4571	-0.2908	*****	-0.6091	-0.8609	*****	*****	*****	*****	*****
0.775	*****	-0.4682	-0.8158	-0.9404	-0.9405	*****	*****	*****	*****	*****
0.800	-0.4387	-0.8099	-1.1463	-1.1242	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0852	-1.2770	-1.1192	-0.6195	*****	*****	*****	*****	*****
0.850	-0.5489	-1.2034	-1.2281	-0.8819	-0.5080	*****	*****	*****	*****	*****
0.875	*****	-1.2097	-1.0819	-0.7174	-0.5080	*****	*****	*****	*****	*****
0.900	-1.0327	-1.1537	-0.9378	-0.7162	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0974	-0.8737	-0.6575	-0.4967	*****	*****	*****	*****	*****
0.950	-1.1288	-1.0628	-0.8268	-0.6298	-0.4072	*****	*****	*****	*****	*****
0.975	*****	-1.0479	-0.8014	-0.6241	-0.3539	*****	*****	*****	*****	*****
1.000	-1.1052	-1.0653	-0.8130	-0.6024	-0.3398	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1866	0.1740	0.1942	*****	*****	*****	*****	*****	*****	-0.2749
-0.600	0.1832	0.1873	0.1609	0.0195	-0.3348	*****	*****	*****	*****	*****
-0.700	0.2036	0.1917	0.1653	0.0553	-0.3107	*****	*****	*****	*****	*****
-0.800	*****	0.1989	0.1718	0.0647	-0.3277	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1813	0.0906	-0.3646	*****	*****	*****	*****	*****
-0.900	*****	0.2238	0.1894	0.1145	-0.3949	*****	*****	*****	*****	*****
-0.950	0.2606	0.2314	0.2125	0.1293	-0.4160	*****	*****	*****	*****	*****
-0.975	0.2416	0.1178	0.2006	0.1707	-0.1782	*****	*****	*****	*****	*****
-1.000	*****	0.1105	0.1443	0.1593	0.0071	*****	*****	*****	*****	*****
	-1.0568	-1.0459	-0.8229	-0.5975	-0.3242	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 36 , Point No. = 724
 $C_N = 0.404$, $C_m = -0.0568$
 $\alpha = 10.3^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.8 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.9834	*****
0.20	-1.1052	-1.0568
0.30	-1.1056	*****
0.40	-1.0653	-1.0459
0.50	-0.9432	*****
0.60	-0.8130	-0.8229
0.70	-0.6708	*****
0.80	-0.6024	-0.5975
0.90	-0.5043	*****
0.95	-0.3398	-0.3242

Table D1. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2188	-0.1723	-0.0285	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2358	-0.1776	-0.0380	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2588	-0.1783	-0.0494	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2700	-0.1971	-0.0863	*****	*****	*****	*****	*****	*****	-0.2854
0.250	*****	-0.2127	-0.0954	-0.1833	-0.1833	-0.1833	-0.1833	-0.1833	-0.1833	-0.2384
0.300	-0.2788	-0.2085	-0.1182	-0.1577	-0.1577	-0.1577	-0.1577	-0.1577	-0.1577	-0.1992
0.350	-0.2843	-0.2086	-0.1169	-0.1535	-0.1535	-0.1535	-0.1535	-0.1535	-0.1535	-0.2154
0.400	-0.3104	-0.2171	-0.1248	-0.1393	-0.1393	-0.1393	-0.1393	-0.1393	-0.1393	-0.2587
0.450	-0.3337	-0.2380	-0.1329	-0.1417	-0.1417	-0.1417	-0.1417	-0.1417	-0.1417	-0.3116
0.500	-0.3668	-0.2449	-0.1513	-0.1429	-0.1429	-0.1429	-0.1429	-0.1429	-0.1429	-0.3360
0.525	*****	-0.2549	-0.1458	-0.1379	-0.1379	-0.1379	-0.1379	-0.1379	-0.1379	-0.3539
0.550	-0.3813	-0.2530	-0.1565	-0.1342	-0.1342	-0.1342	-0.1342	-0.1342	-0.1342	-0.3584
0.575	*****	-0.2460	-0.1518	-0.1205	-0.1205	-0.1205	-0.1205	-0.1205	-0.1205	-0.3601
0.600	-0.4026	-0.2456	-0.1505	-0.1115	-0.1115	-0.1115	-0.1115	-0.1115	-0.1115	-0.3666
0.625	*****	*****	-0.1296	-0.1126	-0.1126	-0.1126	-0.1126	-0.1126	-0.1126	-0.3739
0.650	-0.4310	-0.2296	-0.1345	-0.1286	-0.1286	-0.1286	-0.1286	-0.1286	-0.1286	-0.4108
0.675	*****	-0.2294	-0.1195	-0.2048	-0.2048	-0.2048	-0.2048	-0.2048	-0.2048	-0.4905
0.700	-0.4184	-0.2210	-0.1661	-0.3694	-0.3694	-0.3694	-0.3694	-0.3694	-0.3694	-0.6620
0.725	*****	-0.2653	*****	-0.6378	-0.6378	-0.6378	-0.6378	-0.6378	-0.6378	-0.8363
0.750	-0.3733	-0.5604	*****	-0.9200	-0.9200	-0.9200	-0.9200	-0.9200	-0.9200	-0.9507
0.775	*****	-0.9957	-1.1511	-1.1249	-1.1249	-1.1249	-1.1249	-1.1249	-1.1249	-0.8840
0.800	-0.5583	-1.2928	-1.4098	-1.1253	-1.1253	-1.1253	-1.1253	-1.1253	-1.1253	*****
0.825	*****	-1.3916	-1.4628	-0.9646	-0.9646	-0.9646	-0.9646	-0.9646	-0.9646	-0.5039
0.850	-1.1757	-1.3714	-1.2711	-0.7819	-0.7819	-0.7819	-0.7819	-0.7819	-0.7819	-0.4602
0.875	*****	-1.2917	-1.0003	-0.7377	-0.7377	-0.7377	-0.7377	-0.7377	-0.7377	-0.4585
0.900	-1.1795	-1.1869	-0.9424	-0.7261	-0.7261	-0.7261	-0.7261	-0.7261	-0.7261	*****
0.925	*****	-1.1234	-0.8921	-0.6657	-0.6657	-0.6657	-0.6657	-0.6657	-0.6657	-0.4634
0.950	-1.1683	-1.0915	-0.8406	-0.6416	-0.6416	-0.6416	-0.6416	-0.6416	-0.6416	-0.3722
0.975	*****	-1.0734	-0.8056	-0.6316	-0.6316	-0.6316	-0.6316	-0.6316	-0.6316	-0.3132
1.000	-1.1406	-1.0790	-0.8102	-0.6055	-0.6055	-0.6055	-0.6055	-0.6055	-0.6055	-0.3003
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2111	0.1952	0.2086	*****	*****	*****	*****	*****	*****	-0.2881
-0.600	0.2084	0.2107	0.1765	0.0280	0.0280	0.0280	0.0280	0.0280	0.0280	-0.3361
-0.700	0.2305	0.2145	0.1781	0.0661	0.0661	0.0661	0.0661	0.0661	0.0661	-0.3229
-0.800	*****	0.2174	0.1918	0.0751	0.0751	0.0751	0.0751	0.0751	0.0751	-0.3549
-0.850	*****	*****	0.1989	0.0997	0.0997	0.0997	0.0997	0.0997	0.0997	-0.3928
-0.900	*****	0.2420	0.2183	0.1279	0.1279	0.1279	0.1279	0.1279	0.1279	-0.4159
-0.950	0.2727	0.2421	0.2273	0.1415	0.1415	0.1415	0.1415	0.1415	0.1415	-0.4215
-0.975	0.2464	0.1150	0.2009	0.1769	0.1769	0.1769	0.1769	0.1769	0.1769	-0.1713
-1.000	*****	0.0844	0.1310	0.1465	0.1465	0.1465	0.1465	0.1465	0.1465	0.0107
-1.000	-1.1348	-1.0685	-0.8035	-0.6241	-0.6241	-0.6241	-0.6241	-0.6241	-0.6241	-0.2846

Small Radius L.E.

Run No. = 36 , Point No. = 725

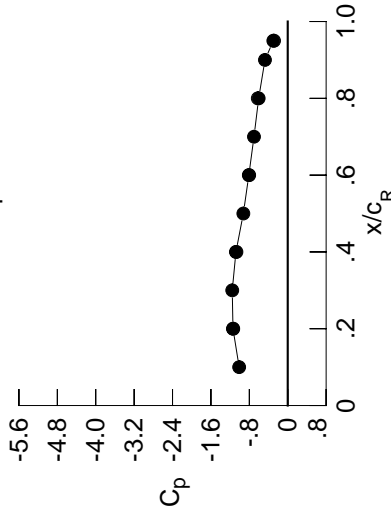
$C_N = 0.438$, $C_m = -0.0532$

$\alpha = 11.3^\circ$, $M_\infty = 0.399$

$R_{mac} = 5.8 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	-1.0119	*****
0.20	-1.1406	-1.1348
0.30	-1.1559	*****
0.40	-1.0790	-1.0685
0.50	-0.9247	*****
0.60	-0.8102	-0.8035
0.70	-0.7028	*****
0.80	-0.6055	-0.6241
0.90	-0.4741	*****
0.95	-0.3003	-0.2846

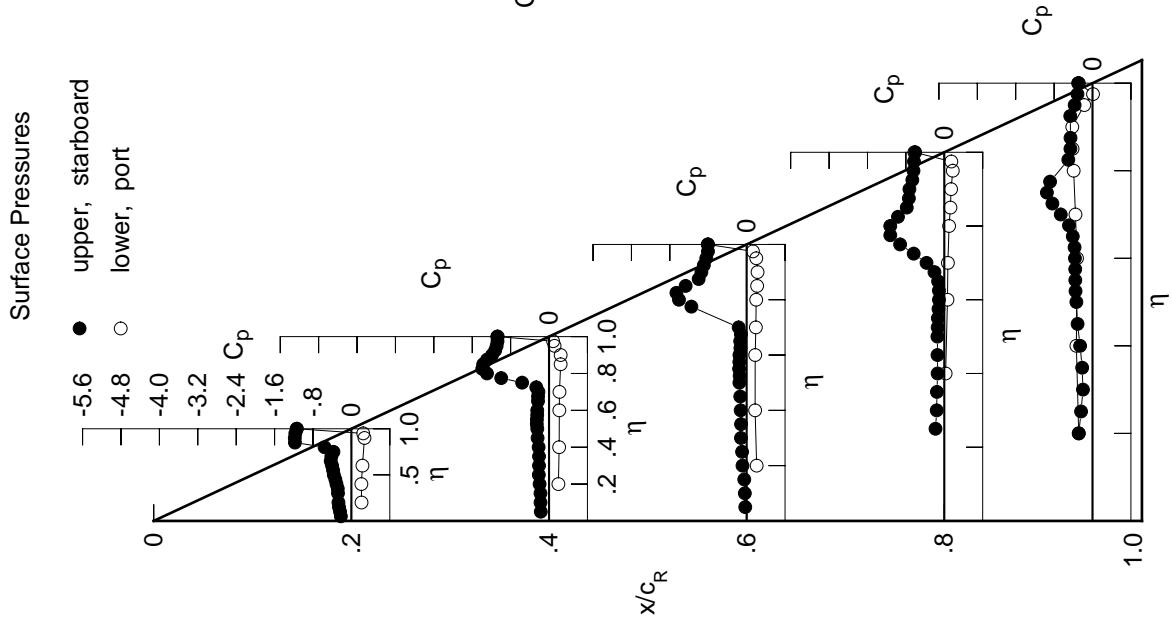
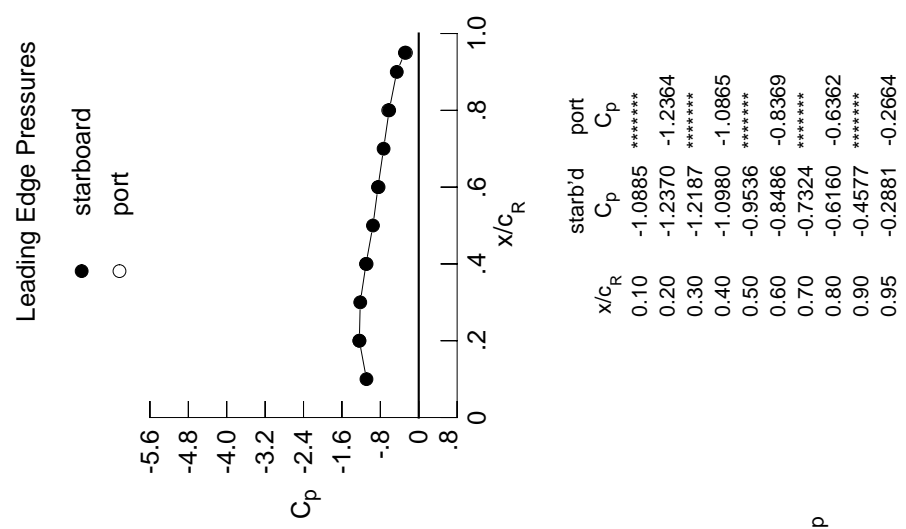


Table D1. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2472	-0.1988	-0.0461	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2660	-0.2013	-0.0592	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3011	-0.2137	-0.0769	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3051	-0.2258	-0.1049	*****	*****	*****	*****	*****	*****	-0.2722
0.250	*****	-0.2325	-0.1106	-0.1939	-0.1939	-0.2209	-0.2209	-0.2209	-0.2209	-0.2209
0.300	-0.3050	-0.2310	-0.1353	-0.1731	-0.1731	-0.2145	-0.2145	-0.2145	-0.2145	-0.2145
0.350	-0.3040	-0.2336	-0.1415	-0.1635	-0.1635	-0.2434	-0.2434	-0.2434	-0.2434	-0.2434
0.400	-0.3379	-0.2431	-0.1427	-0.1524	-0.1524	-0.2855	-0.2855	-0.2855	-0.2855	-0.2855
0.450	-0.3672	-0.2642	-0.1511	-0.1479	-0.1479	-0.3320	-0.3320	-0.3320	-0.3320	-0.3320
0.500	-0.4053	-0.2648	-0.1684	-0.1491	-0.1491	-0.3511	-0.3511	-0.3511	-0.3511	-0.3511
0.525	*****	-0.2757	-0.1633	-0.1424	-0.1424	-0.3640	-0.3640	-0.3640	-0.3640	-0.3640
0.550	-0.4140	-0.2717	-0.1689	-0.1398	-0.1398	-0.3727	-0.3727	-0.3727	-0.3727	-0.3727
0.575	*****	-0.2566	-0.1595	-0.1261	-0.1261	-0.3698	-0.3698	-0.3698	-0.3698	-0.3698
0.600	-0.4278	-0.2495	-0.1622	-0.1293	-0.1293	-0.3887	-0.3887	-0.3887	-0.3887	-0.3887
0.625	*****	*****	-0.1467	-0.1596	-0.1596	-0.4262	-0.4262	-0.4262	-0.4262	-0.4262
0.650	-0.4366	-0.2040	-0.1817	-0.2348	-0.2348	-0.5154	-0.5154	-0.5154	-0.5154	-0.5154
0.675	*****	-0.2085	-0.2354	-0.4008	-0.4008	-0.6305	-0.6305	-0.6305	-0.6305	-0.6305
0.700	-0.3798	-0.2720	-0.4004	-0.6466	-0.6466	-0.8141	-0.8141	-0.8141	-0.8141	-0.8141
0.725	*****	-0.5251	*****	-0.9209	-0.9209	-0.9426	-0.9426	-0.9426	-0.9426	-0.9426
0.750	-0.4248	-1.0232	*****	-1.1352	-0.9725	-0.9725	-0.9725	-0.9725	-0.9725	-0.9725
0.775	*****	-1.4321	-1.4141	-1.2198	-0.7838	-0.7838	-0.7838	-0.7838	-0.7838	-0.7838
0.800	-1.1214	-1.6215	-1.5439	-1.0893	*****	*****	*****	*****	*****	*****
0.825	*****	-1.6332	-1.4333	-0.9123	-0.4562	-0.4562	-0.4562	-0.4562	-0.4562	-0.4562
0.850	-1.4101	-1.5399	-1.0996	-0.8147	-0.4277	-0.4277	-0.4277	-0.4277	-0.4277	-0.4277
0.875	*****	-1.3757	-0.9877	-0.7746	-0.4324	-0.4324	-0.4324	-0.4324	-0.4324	-0.4324
0.900	-1.2604	-1.2370	-0.9801	-0.7483	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1705	-0.9234	-0.6879	-0.4534	-0.4534	-0.4534	-0.4534	-0.4534	-0.4534
0.950	-1.2581	-1.1283	-0.8866	-0.6520	-0.3562	-0.3562	-0.3562	-0.3562	-0.3562	-0.3562
0.975	*****	-1.1018	-0.8570	-0.6425	-0.3089	-0.3089	-0.3089	-0.3089	-0.3089	-0.3089
1.000	-1.2370	-1.0980	-0.8486	-0.6160	-0.2881	-0.2881	-0.2881	-0.2881	-0.2881	-0.2881
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2300	0.2124	0.2195	*****	*****	-0.3023	-0.3023	-0.3023	-0.3023	-0.3023
-0.600	0.2291	0.2258	0.1883	0.0323	-0.3331	-0.3331	-0.3331	-0.3331	-0.3331	-0.3331
-0.700	0.2515	0.2326	0.1915	0.0773	-0.3388	-0.3388	-0.3388	-0.3388	-0.3388	-0.3388
-0.800	*****	0.2341	0.2099	0.0797	-0.3785	-0.3785	-0.3785	-0.3785	-0.3785	-0.3785
-0.850	*****	*****	0.2101	0.1109	-0.4187	-0.4187	-0.4187	-0.4187	-0.4187	-0.4187
-0.900	*****	0.2535	0.2180	0.1381	-0.4338	-0.4338	-0.4338	-0.4338	-0.4338	-0.4338
-0.950	0.2781	0.2444	0.2333	0.1458	-0.4256	-0.4256	-0.4256	-0.4256	-0.4256	-0.4256
-0.975	0.2411	0.1047	0.1938	0.1745	-0.1698	-0.1698	-0.1698	-0.1698	-0.1698	-0.1698
-1.000	*****	0.0541	0.1069	0.1403	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102
-1.000	-1.2364	-1.0865	-0.8369	-0.6362	-0.2664	-0.2664	-0.2664	-0.2664	-0.2664	-0.2664

Small Radius L.E.
 Run No. = 36 , Point No. = 726
 $C_N = 0.480$, $C_m = -0.0520$
 $\alpha = 12.3^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.8 \times 10^6$

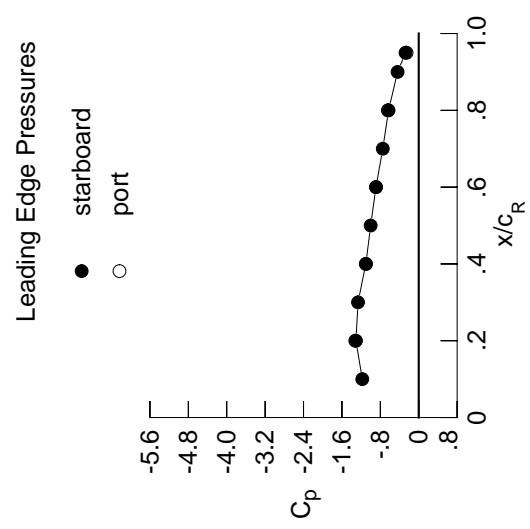


x/c_R	starb'd C_p	port C_p
0.10	-1.0885	*****
0.20	-1.2370	-1.2364
0.30	-1.2187	*****
0.40	-1.0980	-1.0865
0.50	-0.9536	*****
0.60	-0.8486	-0.8369
0.70	-0.7324	*****
0.80	-0.6160	-0.6362
0.90	-0.4577	*****
0.95	-0.2881	-0.2664

Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2723	-0.2241	-0.0614	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2844	-0.2274	-0.0807	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3338	-0.2365	-0.0916	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3266	-0.2460	-0.1147	*****	*****	*****	*****	*****	*****	-0.2347
0.250	*****	-0.2443	-0.1211	-0.1998	-0.1939	*****	*****	*****	*****	-0.1939
0.300	-0.3244	-0.2521	-0.1459	-0.1714	-0.2158	*****	*****	*****	*****	-0.2158
0.350	-0.3239	-0.2472	-0.1584	-0.1703	-0.2598	*****	*****	*****	*****	-0.2598
0.400	-0.3634	-0.2635	-0.1568	-0.1537	-0.2972	*****	*****	*****	*****	-0.2972
0.450	-0.3888	-0.2767	-0.1641	-0.1481	-0.3506	*****	*****	*****	*****	-0.3506
0.500	-0.4262	-0.2697	-0.1852	-0.1496	-0.3571	*****	*****	*****	*****	-0.3571
0.525	*****	-0.2792	-0.1751	-0.1391	-0.3742	*****	*****	*****	*****	-0.3742
0.550	-0.4306	-0.2729	-0.1850	-0.1455	-0.3835	*****	*****	*****	*****	-0.3835
0.575	*****	-0.2505	-0.1767	-0.1408	-0.3905	*****	*****	*****	*****	-0.3905
0.600	-0.4203	-0.2326	-0.1941	-0.1807	-0.4347	*****	*****	*****	*****	-0.4347
0.625	*****	*****	-0.2080	-0.2530	-0.5063	*****	*****	*****	*****	-0.5063
0.650	-0.3930	-0.2039	-0.3032	-0.3924	-0.6257	*****	*****	*****	*****	-0.6257
0.675	*****	-0.2821	-0.4615	-0.6165	-0.7613	*****	*****	*****	*****	-0.7613
0.700	-0.3783	-0.5246	-0.7177	-0.8969	-0.9097	*****	*****	*****	*****	-0.9097
0.725	*****	-0.9634	*****	-1.1438	-0.9891	*****	*****	*****	*****	-0.9891
0.750	-0.9147	-1.4699	*****	-1.2731	-0.9185	*****	*****	*****	*****	-0.9185
0.775	*****	-1.7833	-1.5680	-1.2518	-0.6384	*****	*****	*****	*****	-0.6384
0.800	-1.5090	-1.8885	-1.5311	-1.0098	*****	*****	*****	*****	*****	-0.6384
0.825	*****	-1.8247	-1.2454	-0.8620	-0.4225	*****	*****	*****	*****	-0.4225
0.850	-1.5235	-1.6216	-1.0400	-0.8261	-0.3964	*****	*****	*****	*****	-0.3964
0.875	*****	-1.3782	-1.0192	-0.7895	-0.4086	*****	*****	*****	*****	-0.4086
0.900	-1.3472	-1.2775	-1.0228	-0.7676	*****	*****	*****	*****	*****	-0.4086
0.925	*****	-1.2130	-0.9499	-0.6969	-0.4394	*****	*****	*****	*****	-0.4394
0.950	-1.3389	-1.1529	-0.9293	-0.6639	-0.3406	*****	*****	*****	*****	-0.3406
0.975	*****	-1.1206	-0.9039	-0.6599	-0.2920	*****	*****	*****	*****	-0.2920
1.000	-1.3081	-1.1016	-0.8911	-0.6288	-0.2746	*****	*****	*****	*****	-0.2746
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2541	0.2349	0.2377	*****	-0.3238	*****	*****	*****	*****	-0.3238
-0.600	0.2527	0.2528	0.2014	0.0447	-0.3324	*****	*****	*****	*****	-0.3324
-0.700	0.2772	0.2528	0.2091	0.0942	-0.3485	*****	*****	*****	*****	-0.3485
-0.800	*****	0.2574	0.2238	0.0873	-0.4043	*****	*****	*****	*****	-0.4043
-0.850	*****	*****	0.2285	0.1278	-0.4310	*****	*****	*****	*****	-0.4310
-0.900	0.2899	0.2495	0.2326	0.1499	-0.4392	*****	*****	*****	*****	-0.4392
-0.950	0.2388	0.0976	0.2425	0.1567	-0.4220	*****	*****	*****	*****	-0.4220
-0.975	*****	0.0268	0.1892	0.1770	-0.1574	*****	*****	*****	*****	-0.1574
-1.000	-1.3217	-1.0993	-0.8889	-0.6436	-0.2528	*****	*****	*****	*****	-0.2528

Small Radius L.E.
 Run No. = 36 , Point No. = 727
 $C_N = 0.530$, $C_m = -0.0591$
 $\alpha = 13.3^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.8 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.1758	*****
0.20	-1.3081	-1.3217
0.30	-1.2648	*****
0.40	-1.1016	-1.0993
0.50	-1.0015	*****
0.60	-0.8911	-0.8889
0.70	-0.7488	*****
0.80	-0.6288	-0.6436
0.90	-0.4407	*****
0.95	-0.2746	-0.2528

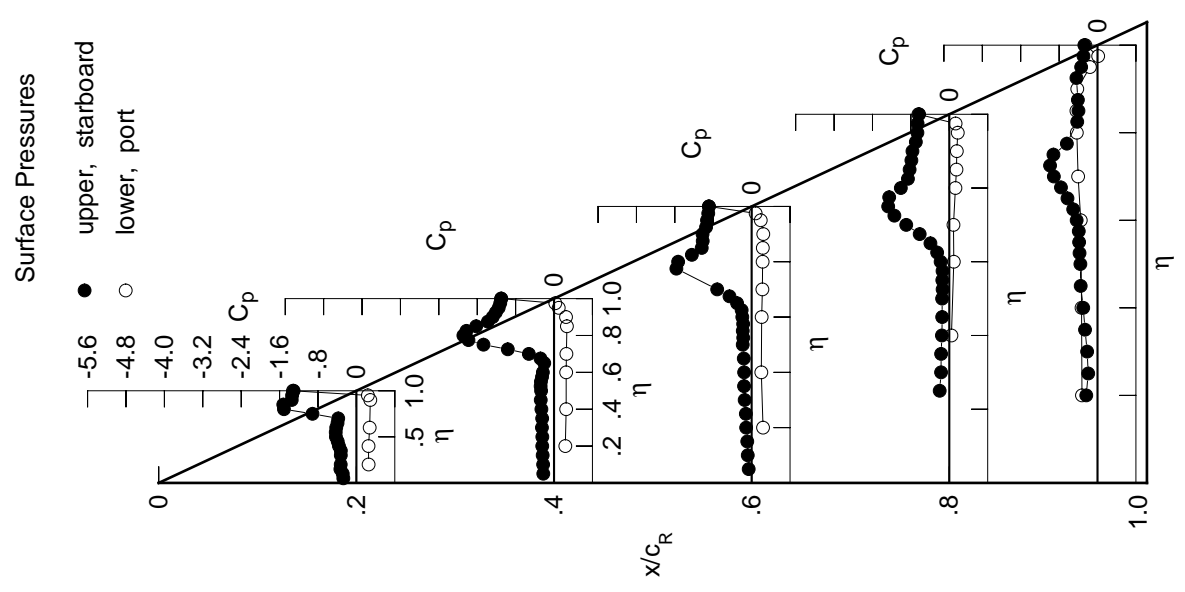


Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2973	-0.2453	-0.0789	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3242	-0.2542	-0.0949	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3556	-0.2606	-0.1090	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3549	-0.2647	-0.1312	*****	*****	*****	*****	*****	*****	-0.2104
0.250	*****	-0.2710	-0.1355	-0.2025	-0.2025	-0.1763	*****	*****	*****	-0.1763
0.300	-0.3467	-0.2726	-0.1647	-0.1780	-0.1780	-0.2165	*****	*****	*****	-0.2165
0.350	-0.3529	-0.2747	-0.1692	-0.1715	-0.1715	-0.2649	*****	*****	*****	-0.2649
0.400	-0.3885	-0.2900	-0.1698	-0.1565	-0.1565	-0.3107	*****	*****	*****	-0.3107
0.450	-0.4112	-0.2948	-0.1761	-0.1513	-0.1513	-0.3562	*****	*****	*****	-0.3562
0.500	-0.4433	-0.2898	-0.1971	-0.1525	-0.1525	-0.3629	*****	*****	*****	-0.3629
0.525	*****	-0.2917	-0.1880	-0.1547	-0.1547	-0.3887	*****	*****	*****	-0.3887
0.550	-0.4362	-0.2848	-0.2044	-0.1648	-0.1648	-0.3961	*****	*****	*****	-0.3961
0.575	*****	-0.2576	-0.2123	-0.1877	-0.1877	-0.4308	*****	*****	*****	-0.4308
0.600	-0.4016	-0.2437	-0.2513	-0.2555	-0.2555	-0.4939	*****	*****	*****	-0.4939
0.625	*****	*****	-0.3207	-0.3802	-0.3802	-0.6004	*****	*****	*****	-0.6004
0.650	-0.3484	-0.2788	-0.5044	-0.5645	-0.5645	-0.7379	*****	*****	*****	-0.7379
0.675	*****	-0.4668	-0.7375	-0.8256	-0.8256	-0.8638	*****	*****	*****	-0.8638
0.700	-0.5845	-0.8377	-1.0356	-1.0947	-1.0947	-0.9803	*****	*****	*****	-0.9803
0.725	*****	-1.3126	*****	-1.3080	-0.9741	*****	*****	*****	*****	-0.9741
0.750	-1.4261	-1.7624	*****	-1.3588	-0.8038	*****	*****	*****	*****	-0.8038
0.775	*****	-2.0215	-1.6424	-1.2374	-0.4874	*****	*****	*****	*****	-0.4874
0.800	-1.7762	-2.0782	-1.4562	-0.9488	*****	*****	*****	*****	*****	-0.9488
0.825	*****	-1.9196	-1.1665	-0.8436	-0.4035	*****	*****	*****	*****	-0.4035
0.850	-1.6616	-1.5751	-1.0674	-0.8231	-0.3813	*****	*****	*****	*****	-0.3813
0.875	*****	-1.3950	-1.0696	-0.8017	-0.3944	*****	*****	*****	*****	-0.3944
0.900	-1.4446	-1.3510	-1.0539	-0.7838	*****	*****	*****	*****	*****	-0.7838
0.925	*****	-1.2772	-0.9888	-0.7156	-0.4344	*****	*****	*****	*****	-0.4344
0.950	-1.4246	-1.2087	-0.9703	-0.6781	-0.3326	*****	*****	*****	*****	-0.3326
0.975	*****	-1.1784	-0.9448	-0.6737	-0.2884	*****	*****	*****	*****	-0.2884
1.000	-1.3825	-1.1513	-0.9250	-0.6464	-0.2687	*****	*****	*****	*****	-0.2687
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2836	0.2482	0.2524	*****	*****	-0.3299	*****	*****	*****	-0.3299
-0.600	0.2783	0.2691	0.2193	0.0530	0.0530	-0.3370	*****	*****	*****	-0.3370
-0.700	0.3023	0.2714	0.2268	0.0976	0.0976	-0.3654	*****	*****	*****	-0.3654
-0.800	*****	0.2777	0.2428	0.1063	0.1063	-0.4225	*****	*****	*****	-0.4225
-0.850	*****	*****	0.2455	0.1366	0.1366	-0.4455	*****	*****	*****	-0.4455
-0.900	*****	0.2797	0.2508	0.1648	0.1648	-0.4443	*****	*****	*****	-0.4443
-0.950	0.2957	0.2530	0.2518	0.1677	0.1677	-0.4136	*****	*****	*****	-0.4136
-0.975	0.2324	0.0868	0.1802	0.1779	0.1779	-0.1478	*****	*****	*****	-0.1478
-1.000	*****	-0.0094	0.0572	0.1113	0.1113	0.0177	*****	*****	*****	0.0177
-1.000	-1.4023	-1.1371	-0.9313	-0.6667	-0.6667	-0.2485	*****	*****	*****	-0.2485

Small Radius L.E.
 Run No. = 36 , Point No. = 728
 $C_N = 0.580$, $C_m = -0.0651$
 $\alpha = 14.3^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.8 \times 10^6$

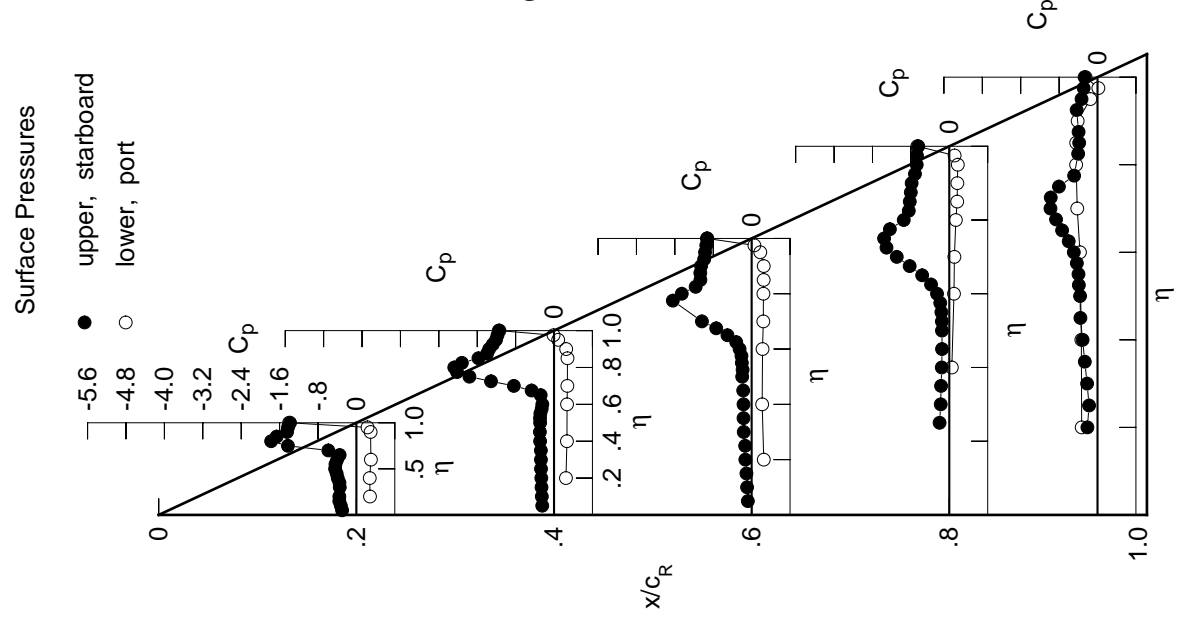
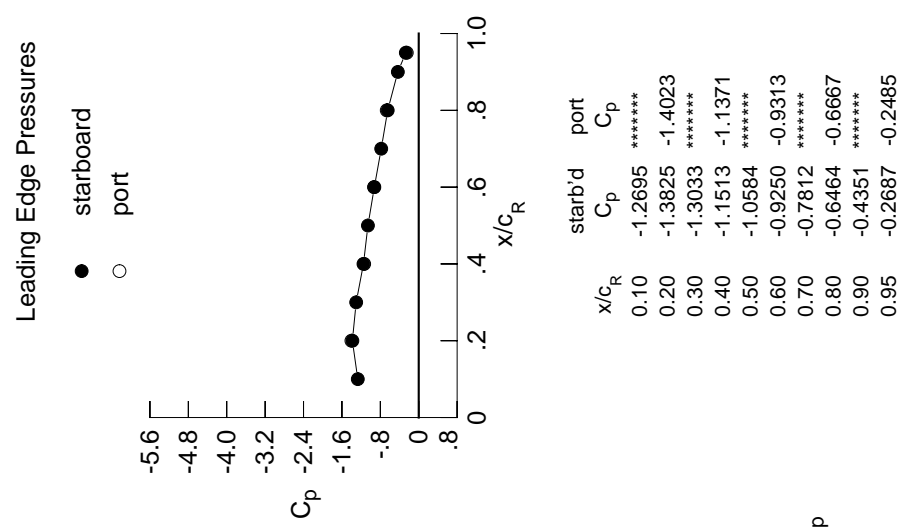
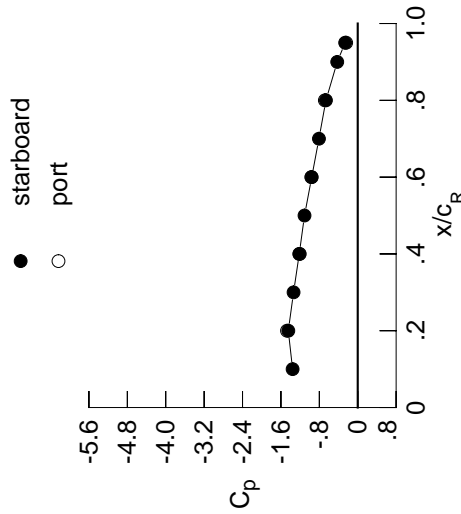


Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3235	-0.2696	-0.0909	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3539	-0.2818	-0.1063	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3786	-0.2806	-0.1233	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3782	-0.2874	-0.1428	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2911	-0.1456	-0.2078	-0.1572	*****	*****	*****	*****	*****
0.300	-0.3724	-0.2968	-0.1788	-0.1783	-0.2079	*****	*****	*****	*****	*****
0.350	-0.3793	-0.2991	-0.1797	-0.1783	-0.2697	*****	*****	*****	*****	*****
0.400	-0.4147	-0.3106	-0.1839	-0.1577	-0.3088	*****	*****	*****	*****	*****
0.450	-0.4325	-0.3183	-0.1842	-0.1589	-0.3613	*****	*****	*****	*****	*****
0.500	-0.4562	-0.3108	-0.2115	-0.1730	-0.3733	*****	*****	*****	*****	*****
0.525	*****	-0.3098	-0.2121	-0.1781	-0.4046	*****	*****	*****	*****	*****
0.550	-0.4362	-0.3037	-0.2376	-0.2093	-0.4297	*****	*****	*****	*****	*****
0.575	*****	-0.2823	-0.2677	-0.2591	-0.4802	*****	*****	*****	*****	*****
0.600	-0.3798	-0.2873	-0.3526	-0.3621	-0.5648	*****	*****	*****	*****	*****
0.625	*****	*****	-0.4640	-0.5241	-0.6946	*****	*****	*****	*****	*****
0.650	-0.3504	-0.4405	-0.7167	-0.7446	-0.8303	*****	*****	*****	*****	*****
0.675	*****	-0.7398	-0.9942	-1.0169	-0.9326	*****	*****	*****	*****	*****
0.700	-0.8764	-1.1745	-1.2933	-1.2626	-0.9870	*****	*****	*****	*****	*****
0.725	*****	-1.6249	*****	-1.4088	-0.8987	*****	*****	*****	*****	*****
0.750	-1.8140	-2.0161	*****	-1.3789	-0.6443	*****	*****	*****	*****	*****
0.775	*****	-2.2037	-1.6608	-1.1724	-0.4139	*****	*****	*****	*****	*****
0.800	-2.0382	-2.1445	-1.3766	-0.8999	*****	*****	*****	*****	*****	*****
0.825	*****	-1.8080	-1.1540	-0.8272	-0.3950	*****	*****	*****	*****	*****
0.850	-1.8340	-1.5044	-1.0959	-0.8151	-0.3737	*****	*****	*****	*****	*****
0.875	*****	-1.4403	-1.1041	-0.8019	-0.3790	*****	*****	*****	*****	*****
0.900	-1.5418	-1.4187	-1.0942	-0.7968	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3316	-1.0221	-0.7307	-0.4296	*****	*****	*****	*****	*****
0.950	-1.5005	-1.2795	-1.0003	-0.6906	-0.3234	*****	*****	*****	*****	*****
0.975	*****	-1.2508	-0.9819	-0.6888	-0.2777	*****	*****	*****	*****	*****
1.000	-1.4464	-1.2182	-0.9583	-0.6625	-0.2620	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3069	0.2729	0.2714	*****	*****	-0.3313	*****	*****	*****	*****
-0.600	0.3047	0.2902	0.2346	0.0672	-0.3410	*****	*****	*****	*****	*****
-0.700	0.3243	0.2942	0.2455	0.1124	-0.3883	*****	*****	*****	*****	*****
-0.800	*****	0.2988	0.2586	0.1139	-0.4418	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2610	0.1515	-0.4500	*****	*****	*****	*****	*****
-0.900	*****	0.2903	0.2643	0.1777	-0.4407	*****	*****	*****	*****	*****
-0.950	0.3028	0.2526	0.2603	0.1778	-0.4012	*****	*****	*****	*****	*****
-0.975	0.2272	0.0738	0.1738	0.1788	-0.1359	*****	*****	*****	*****	*****
-1.000	*****	-0.0513	0.0324	0.1047	0.0211	*****	*****	*****	*****	*****
-1.000	-1.4738	-1.2080	-0.9677	-0.6846	-0.2406	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 36 , Point No. = 729
 $C_N = 0.631$, $C_m = -0.0711$
 $\alpha = 15.4^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.8 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.3571	*****
0.20	-1.4464	-1.4738
0.30	-1.3369	*****
0.40	-1.2182	-1.2080
0.50	-1.1090	*****
0.60	-0.9583	-0.9677
0.70	-0.8079	*****
0.80	-0.6625	-0.6846
0.90	-0.4274	*****
0.95	-0.2620	-0.2406

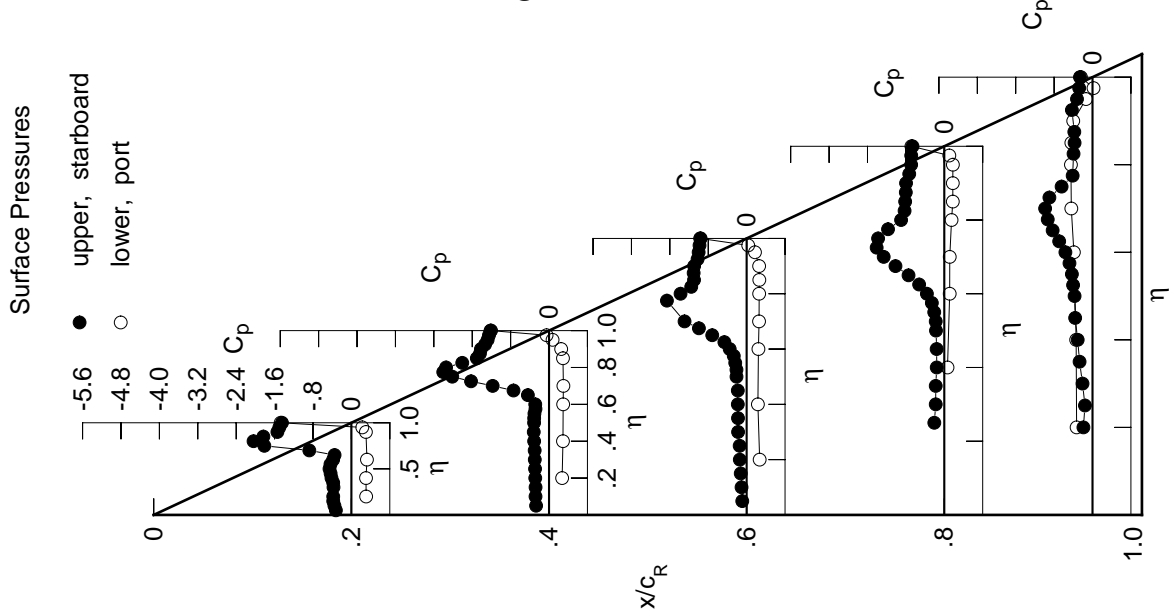


Table D1. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.3509	-0.2962	-0.1082	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3896	-0.3135	-0.1238	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4049	-0.3116	-0.1333	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4027	-0.3128	-0.1571	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3231	-0.1616	-0.2189	-0.1600	*****	*****	*****	*****	*****
0.300	-0.4011	-0.3224	-0.1960	-0.1872	-0.2133	*****	*****	*****	*****	*****
0.350	-0.4073	-0.3243	-0.1980	-0.1863	-0.2731	*****	*****	*****	*****	*****
0.400	-0.4442	-0.3367	-0.2039	-0.1731	-0.3130	*****	*****	*****	*****	*****
0.450	-0.4570	-0.3423	-0.2083	-0.1721	-0.3669	*****	*****	*****	*****	*****
0.500	-0.4742	-0.3326	-0.2406	-0.1999	-0.3909	*****	*****	*****	*****	*****
0.525	*****	-0.3373	-0.2528	-0.2272	-0.4235	*****	*****	*****	*****	*****
0.550	-0.4396	-0.3357	-0.2984	-0.2760	-0.4698	*****	*****	*****	*****	*****
0.575	*****	-0.3299	-0.3556	-0.3536	-0.5417	*****	*****	*****	*****	*****
0.600	-0.3747	-0.3662	-0.4873	-0.4890	-0.6419	*****	*****	*****	*****	*****
0.625	*****	*****	-0.6368	-0.6903	-0.7766	*****	*****	*****	*****	*****
0.650	-0.4392	-0.6821	-0.9353	-0.9304	-0.9093	*****	*****	*****	*****	*****
0.675	*****	-1.0630	-1.2318	-1.1987	-0.9669	*****	*****	*****	*****	*****
0.700	-1.2190	-1.5175	-1.5183	-1.4053	-0.9571	*****	*****	*****	*****	*****
0.725	*****	-1.9253	*****	-1.4794	-0.7839	*****	*****	*****	*****	*****
0.750	-2.1120	-2.2392	*****	-1.3589	-0.5019	*****	*****	*****	*****	*****
0.775	*****	-2.3175	-1.6206	-1.0962	-0.3992	*****	*****	*****	*****	*****
0.800	-2.2682	-2.1031	-1.3005	-0.8799	*****	*****	*****	*****	*****	*****
0.825	*****	-1.6993	-1.1633	-0.8345	-0.3963	*****	*****	*****	*****	*****
0.850	-1.9794	-1.5227	-1.1282	-0.8172	-0.3730	*****	*****	*****	*****	*****
0.875	*****	-1.5096	-1.1415	-0.8103	-0.3714	*****	*****	*****	*****	*****
0.900	-1.6417	-1.4837	-1.1293	-0.8120	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3961	-1.0569	-0.7444	-0.4167	*****	*****	*****	*****	*****
0.950	-1.5800	-1.3461	-1.0459	-0.7032	-0.3155	*****	*****	*****	*****	*****
0.975	*****	-1.3253	-1.0249	-0.7044	-0.2727	*****	*****	*****	*****	*****
1.000	-1.5123	-1.2901	-1.0027	-0.6772	-0.2596	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3347	0.2939	0.2881	*****	-0.3282	*****	*****	*****	*****	*****
-0.600	0.3298	0.3093	0.2530	0.0791	-0.3492	*****	*****	*****	*****	*****
-0.700	0.3494	0.3136	0.2589	0.1233	-0.4022	*****	*****	*****	*****	*****
-0.800	*****	0.3144	0.2739	0.1308	-0.4619	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2780	0.1625	-0.4552	*****	*****	*****	*****	*****
-0.900	0.3050	0.2521	0.2643	0.1873	-0.3922	*****	*****	*****	*****	*****
-0.950	0.2194	0.0584	0.1603	0.1775	-0.1259	*****	*****	*****	*****	*****
-0.975	*****	-0.0961	0.0024	0.0914	0.0238	*****	*****	*****	*****	*****
-1.000	-1.5422	-1.2828	-1.0105	-0.7002	-0.2377	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 36 , Point No. = 730
 $C_N = 0.682$, $C_m = -0.0763$
 $\alpha = 16.3^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.8 \times 10^6$

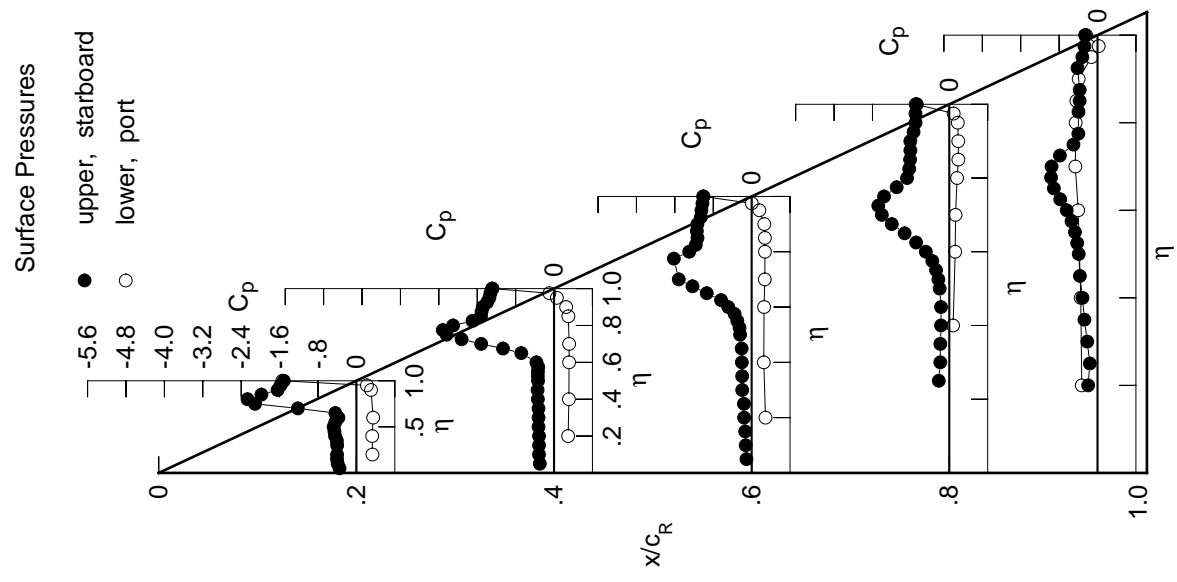
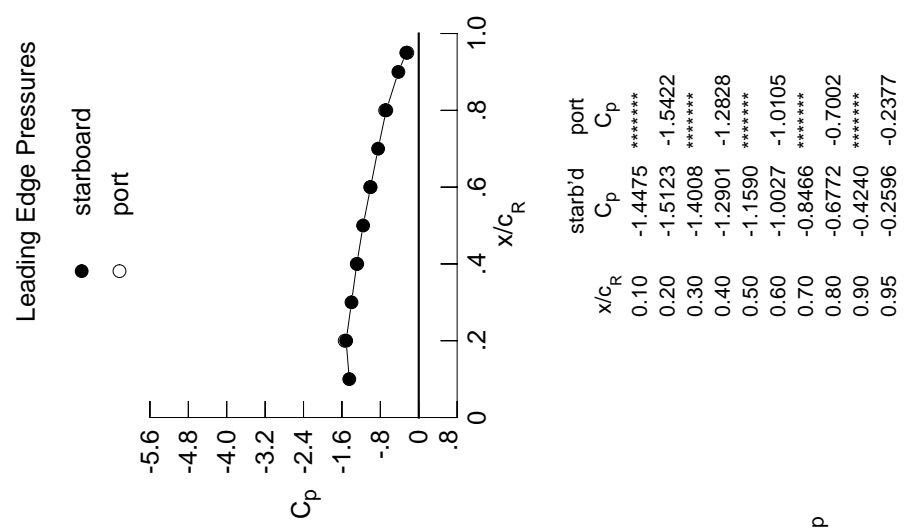
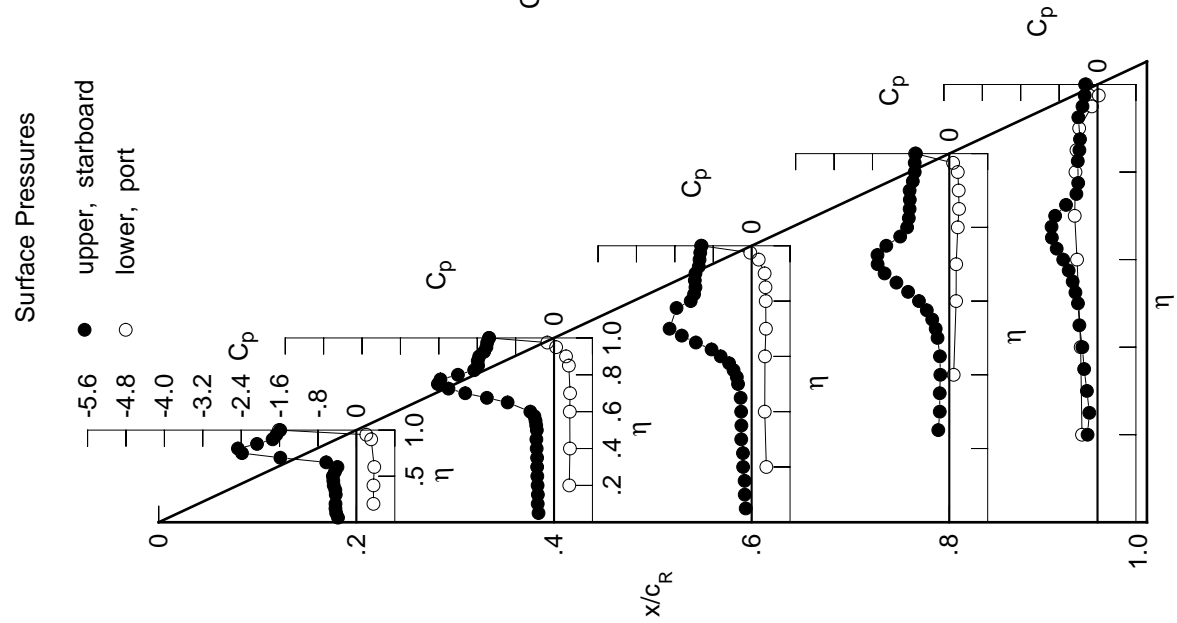


Table D1. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3831	-0.3231	-0.1242	*****	*****
0.100	-0.4219	-0.3398	-0.1439	*****	*****
0.150	-0.4361	-0.3367	-0.1468	*****	*****
0.200	-0.4349	-0.3421	-0.1775	*****	-0.2076
0.250	*****	-0.3490	-0.1807	-0.2291	-0.1702
0.300	-0.4304	-0.3520	-0.2169	-0.1987	-0.2208
0.350	-0.4388	-0.3531	-0.2138	-0.1994	-0.2784
0.400	-0.4730	-0.3619	-0.2181	-0.1863	-0.3159
0.450	-0.4810	-0.3676	-0.2299	-0.1953	-0.3776
0.500	-0.4902	-0.3584	-0.2834	-0.2449	-0.4068
0.525	*****	-0.3715	-0.3091	-0.2833	-0.4602
0.550	-0.4454	-0.3845	-0.3764	-0.3550	-0.5175
0.575	*****	-0.4085	-0.4689	-0.4687	-0.6011
0.600	-0.3947	-0.4939	-0.6449	-0.6324	-0.7147
0.625	*****	*****	-0.8348	-0.8575	-0.8501
0.650	-0.6290	-0.9668	-1.1618	-1.1017	-0.9512
0.675	*****	-1.3995	-1.4549	-1.3477	-0.9573
0.700	-1.5852	-1.8494	-1.7097	-1.4939	-0.8828
0.725	*****	-2.1994	*****	-1.4964	-0.6558
0.750	-2.3835	-2.4202	*****	-1.3116	-0.4402
0.775	-2.4678	-2.0026	-1.2700	-0.8784	*****
0.800	*****	-1.6643	-1.1995	-0.8432	-0.4112
0.825	-2.0707	-1.5827	-1.1704	-0.8265	-0.3779
0.850	*****	-1.5895	-1.1837	-0.8223	-0.3647
0.875	-1.7453	-1.5596	-1.1704	-0.8261	*****
0.900	*****	-1.4571	-1.1008	-0.7597	-0.3997
0.925	-1.6656	-1.4085	-1.0853	-0.7196	-0.3129
0.950	*****	-1.3924	-1.0701	-0.7199	-0.2667
0.975	-1.5863	-1.3530	-1.0421	-0.6932	-0.2587
1.000					
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3553	0.3172	0.3061	*****	-0.3232
-0.400	0.3559	0.3313	0.2731	0.0912	-0.3512
-0.600	0.3721	0.3282	0.2778	0.1424	-0.4263
-0.700	*****	0.3334	0.2974	0.1443	-0.4750
-0.800	*****	*****	0.2937	0.1765	-0.4589
-0.850	*****	0.3087	0.2880	0.2033	-0.4381
-0.900	0.3080	0.2500	0.2705	0.1956	-0.3828
-0.950	0.2071	0.0428	0.1467	0.1771	-0.1167
-0.975	*****	-0.1402	-0.0286	0.0794	0.0257
-1.000	-1.6149	-1.3554	-1.0524	-0.7129	-0.2365

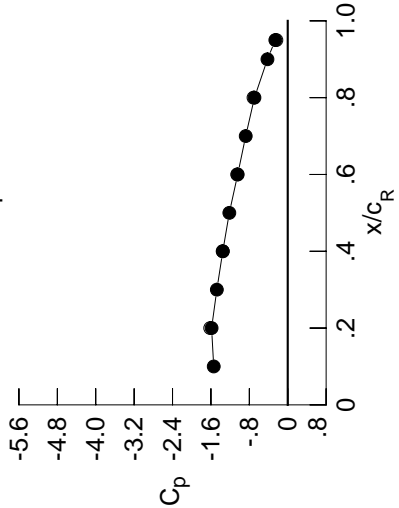
Small Radius L.E.

Run No. = 36, Point No. = 731
 $C_N = 0.732$, $C_m = -0.0805$
 $\alpha = 17.3^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.8 \times 10^6$



Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.5419	*****
0.20	-1.5863	-1.6149
0.30	-1.4768	*****
0.40	-1.3530	-1.3554
0.50	-1.2170	*****
0.60	-1.0421	-1.0524
0.70	-0.8754	*****
0.80	-0.6932	-0.7129
0.90	-0.4225	*****
0.95	-0.2587	-0.2365

Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4195	-0.3547	-0.1383	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4544	-0.3731	-0.1581	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4726	-0.3692	-0.1689	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4736	-0.3710	-0.1938	*****	*****	*****	*****	*****	*****	-0.2311
0.250	*****	-0.3817	-0.2039	-0.2446	-0.2446	-0.1928	*****	*****	*****	*****
0.300	-0.4685	-0.3814	-0.2357	-0.2153	-0.2357	-0.2846	*****	*****	*****	*****
0.350	-0.4747	-0.3851	-0.2406	-0.2165	-0.2406	-0.2846	*****	*****	*****	*****
0.400	-0.5067	-0.3917	-0.2450	-0.2083	-0.2450	-0.3230	*****	*****	*****	*****
0.450	-0.5077	-0.4057	-0.2678	-0.2270	-0.2678	-0.3878	*****	*****	*****	*****
0.500	-0.5091	-0.4060	-0.3396	-0.3044	-0.3044	-0.4346	*****	*****	*****	*****
0.525	*****	-0.4362	-0.3869	-0.3609	-0.3609	-0.5010	*****	*****	*****	*****
0.550	-0.4616	-0.4725	-0.4832	-0.4634	-0.4634	-0.5716	*****	*****	*****	*****
0.575	-0.4687	-0.4778	-0.8302	-0.7936	-0.7936	-0.6640	*****	*****	*****	*****
0.600	*****	*****	-1.0491	-1.0298	-1.0298	-0.8987	*****	*****	*****	*****
0.625	-0.9227	-1.2724	-1.3908	-1.2650	-1.2650	-0.9651	*****	*****	*****	*****
0.650	*****	-1.7236	-1.6767	-1.4753	-1.4753	-0.9171	*****	*****	*****	*****
0.675	-1.9598	-2.1449	-1.8774	-1.5618	-1.5618	-0.7896	*****	*****	*****	*****
0.700	*****	-2.4304	*****	-1.4895	-1.4895	-0.5401	*****	*****	*****	*****
0.725	-2.6395	-2.5316	*****	-1.2394	-1.2394	-0.4326	*****	*****	*****	*****
0.750	*****	-2.3281	-1.5150	-0.9711	-0.9711	-0.4144	*****	*****	*****	*****
0.775	-2.6326	-1.8944	-1.2758	-0.8826	-0.8826	*****	*****	*****	*****	*****
0.800	*****	-1.6836	-1.2413	-0.8572	-0.8572	-0.4199	*****	*****	*****	*****
0.825	-2.1284	-1.6531	-1.2171	-0.8359	-0.8359	-0.3814	*****	*****	*****	*****
0.850	*****	-1.6695	-1.2312	-0.8372	-0.8372	-0.3636	*****	*****	*****	*****
0.875	-1.8626	-1.6268	-1.2202	-0.8423	-0.8423	*****	*****	*****	*****	*****
0.900	*****	-1.5329	-1.1393	-0.7791	-0.7791	-0.3863	*****	*****	*****	*****
0.925	-1.7612	-1.4881	-1.1321	-0.7335	-0.7335	-0.3095	*****	*****	*****	*****
0.950	*****	-1.4707	-1.1166	-0.7348	-0.7348	-0.2677	*****	*****	*****	*****
0.975	-1.6660	-1.4242	-1.0844	-0.7096	-0.7096	-0.2609	*****	*****	*****	*****
1.000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
-0.200	0.3854	0.3435	0.3247	*****	*****	-0.3177	*****	*****	*****	*****
-0.400	0.3813	0.3564	0.2940	0.0991	0.0991	-0.3567	*****	*****	*****	*****
-0.600	0.3949	0.3556	0.2995	0.1553	0.1553	-0.4464	*****	*****	*****	*****
-0.700	*****	0.3528	0.3167	0.1552	0.1552	-0.4821	*****	*****	*****	*****
-0.800	*****	*****	0.3092	0.1876	0.1876	-0.4591	*****	*****	*****	*****
-0.850	*****	0.3141	0.2982	0.2179	0.2179	-0.4348	*****	*****	*****	*****
-0.900	0.3074	0.2445	0.2733	0.2041	0.2041	-0.3726	*****	*****	*****	*****
-0.950	0.1933	0.0238	0.1325	0.1733	0.1733	-0.1056	*****	*****	*****	*****
-0.975	*****	-0.1908	-0.0622	0.0630	0.0630	0.0288	*****	*****	*****	*****
-1.000	-1.6996	-1.4337	-1.0973	-0.7264	-0.7264	-0.2382	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 36 , Point No. = 732
 $C_N = 0.790$, $C_m = -0.0875$
 $\alpha = 18.4^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.8 \times 10^6$

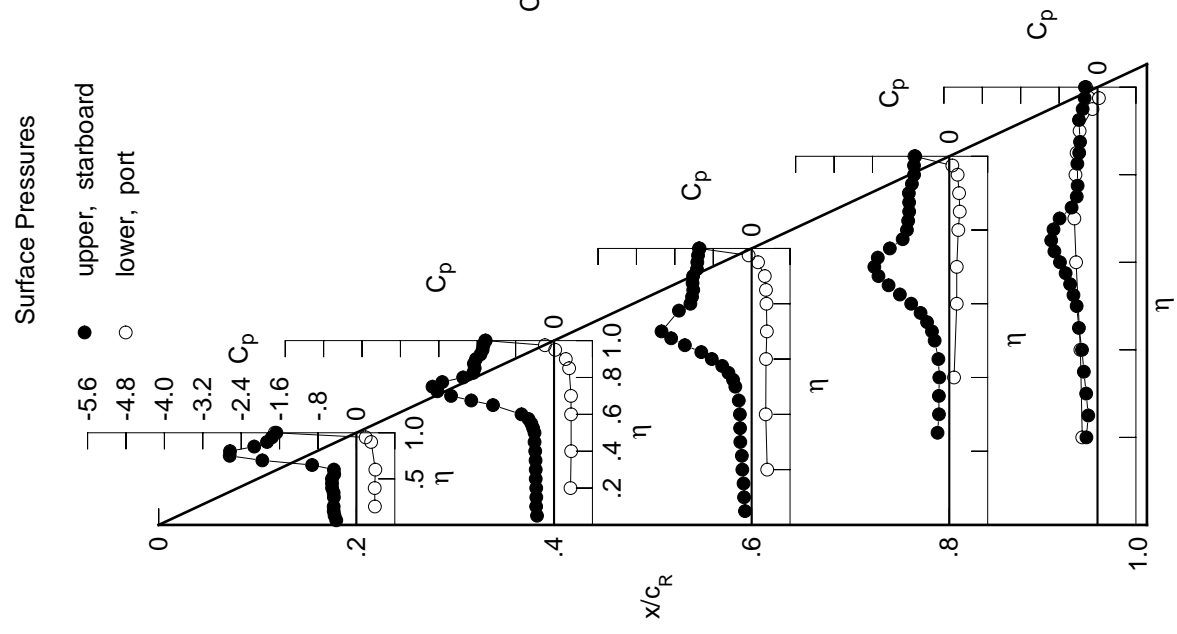
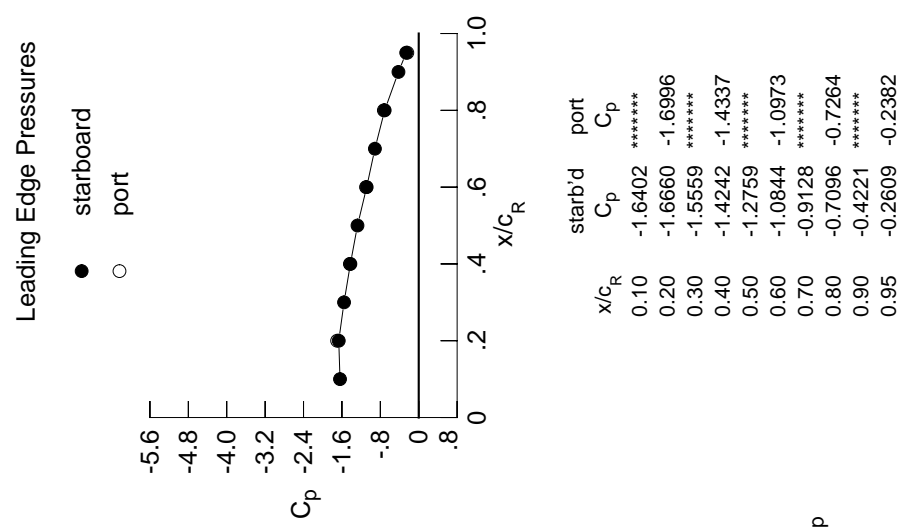
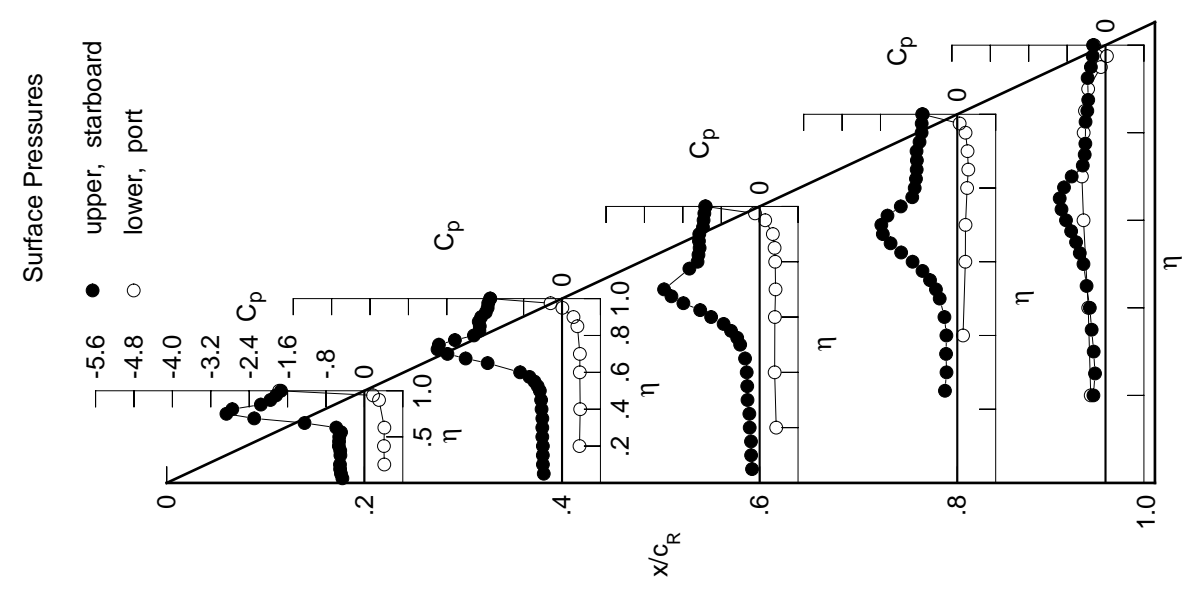
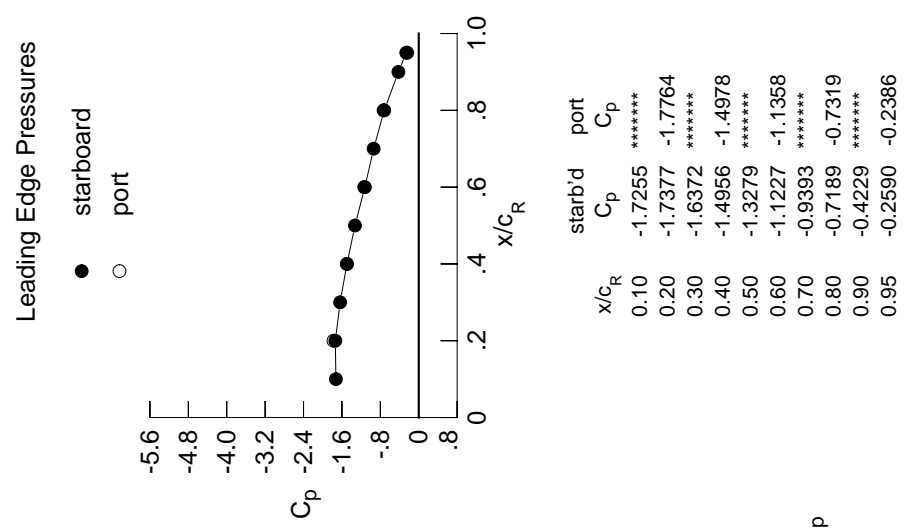


Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4587	-0.3804	-0.1585	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4879	-0.3985	-0.1773	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5053	-0.4004	-0.1798	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5089	-0.3994	-0.2069	*****	*****	*****	*****	*****	*****	-0.2520
0.250	*****	-0.4114	-0.2141	-0.2568	-0.2184	*****	*****	*****	*****	-0.2184
0.300	-0.4997	-0.4116	-0.2531	-0.2250	-0.2468	*****	*****	*****	*****	-0.2468
0.350	-0.5033	-0.4103	-0.2583	-0.2336	-0.2887	*****	*****	*****	*****	-0.2887
0.400	-0.5323	-0.4261	-0.2700	-0.2273	-0.3271	*****	*****	*****	*****	-0.3271
0.450	-0.5280	-0.4356	-0.3037	-0.2676	-0.3948	*****	*****	*****	*****	-0.3948
0.500	-0.5244	-0.4622	-0.4058	-0.3664	-0.4590	*****	*****	*****	*****	-0.4590
0.525	*****	-0.5077	-0.4683	-0.4451	-0.5359	*****	*****	*****	*****	-0.5359
0.550	-0.4862	-0.5745	-0.5962	-0.5678	-0.6138	*****	*****	*****	*****	-0.6138
0.575	-0.6787	-0.7503	-0.7245	-0.7160	*****	*****	*****	*****	*****	-0.7160
0.600	-0.5868	-0.8732	-1.0107	-0.9311	-0.8233	*****	*****	*****	*****	-0.8233
0.625	*****	*****	-1.2382	-1.1698	-0.9172	*****	*****	*****	*****	-0.9172
0.650	-1.2466	-1.5507	-1.5886	-1.3896	-0.9542	*****	*****	*****	*****	-0.9542
0.675	*****	-2.0078	-1.8380	-1.5514	-0.8648	*****	*****	*****	*****	-0.8648
0.700	-2.2958	-2.3873	-1.9913	-1.5827	-0.7049	*****	*****	*****	*****	-0.7049
0.725	*****	-2.5936	*****	-1.4541	-0.4734	*****	*****	*****	*****	-0.4734
0.750	-2.8748	-2.5656	*****	-1.1766	-0.4335	*****	*****	*****	*****	-0.4335
0.775	*****	-2.2322	-1.4638	-0.9382	-0.4203	*****	*****	*****	*****	-0.4203
0.800	-2.7522	-1.8368	-1.2933	-0.8875	*****	*****	*****	*****	*****	-0.8875
0.825	*****	-1.7217	-1.2747	-0.8610	-0.4162	*****	*****	*****	*****	-0.4162
0.850	-2.1569	-1.7135	-1.2507	-0.8455	-0.3793	*****	*****	*****	*****	-0.3793
0.875	*****	-1.7349	-1.2648	-0.8414	-0.3598	*****	*****	*****	*****	-0.3598
0.900	-1.9580	-1.6848	-1.2575	-0.8484	*****	*****	*****	*****	*****	-0.8484
0.925	*****	-1.5897	-1.1811	-0.7862	-0.3727	*****	*****	*****	*****	-0.3727
0.950	-1.8400	-1.5495	-1.1680	-0.7431	-0.3050	*****	*****	*****	*****	-0.3050
0.975	*****	-1.5376	-1.1524	-0.7412	-0.2660	*****	*****	*****	*****	-0.2660
1.000	-1.7377	-1.4956	-1.1227	-0.7189	-0.2590	*****	*****	*****	*****	-0.2590
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4146	0.3639	0.3455	*****	*****	*****	*****	*****	*****	-0.3076
-0.600	0.4069	0.3783	0.3128	0.1197	-0.3603	*****	*****	*****	*****	-0.3603
-0.700	0.4163	0.3702	0.3169	0.1680	-0.4580	*****	*****	*****	*****	-0.4580
-0.800	*****	0.3716	0.3314	0.1708	-0.4920	*****	*****	*****	*****	-0.4920
-0.850	*****	*****	0.3242	0.2047	-0.4548	*****	*****	*****	*****	-0.4548
-0.900	*****	0.3203	0.3115	0.2298	-0.4283	*****	*****	*****	*****	-0.4283
-0.950	0.3050	0.2385	0.2754	0.2134	-0.3613	*****	*****	*****	*****	-0.3613
-0.975	0.1797	0.0062	0.1164	0.1721	-0.0966	*****	*****	*****	*****	-0.0966
-1.000	*****	-0.2393	-0.0968	0.0485	0.0294	*****	*****	*****	*****	0.0294
-1.000	-1.7764	-1.4978	-1.1358	-0.7319	-0.2386	*****	*****	*****	*****	-0.2386

Small Radius L.E.
 Run No. = 36 , Point No. = 733
 $C_N = 0.845$, $C_m = -0.0942$
 $\alpha = 19.4^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.8 \times 10^6$

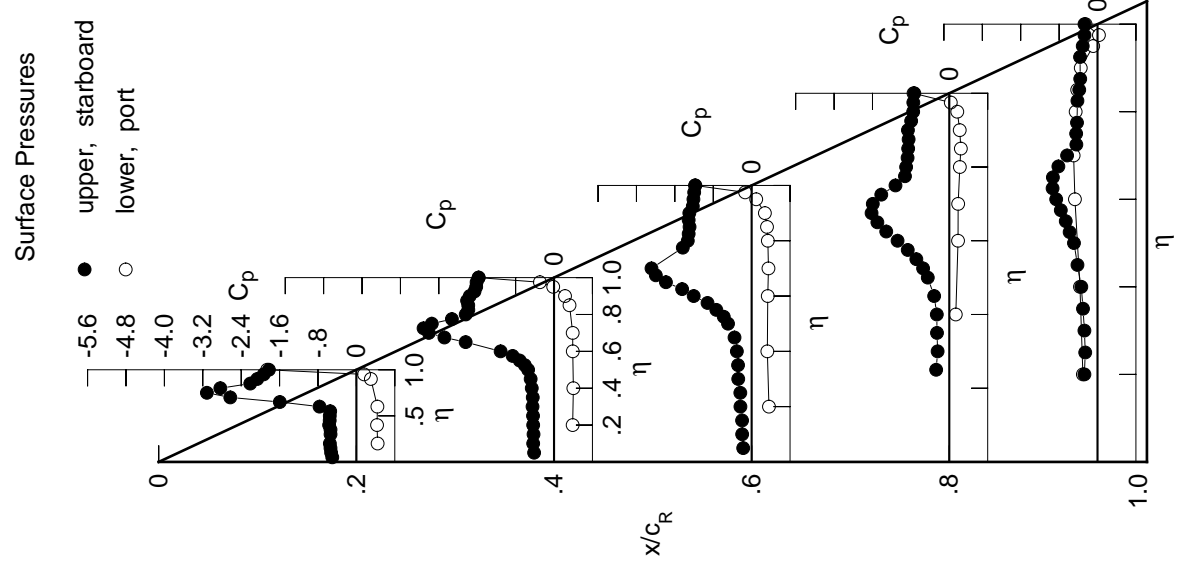
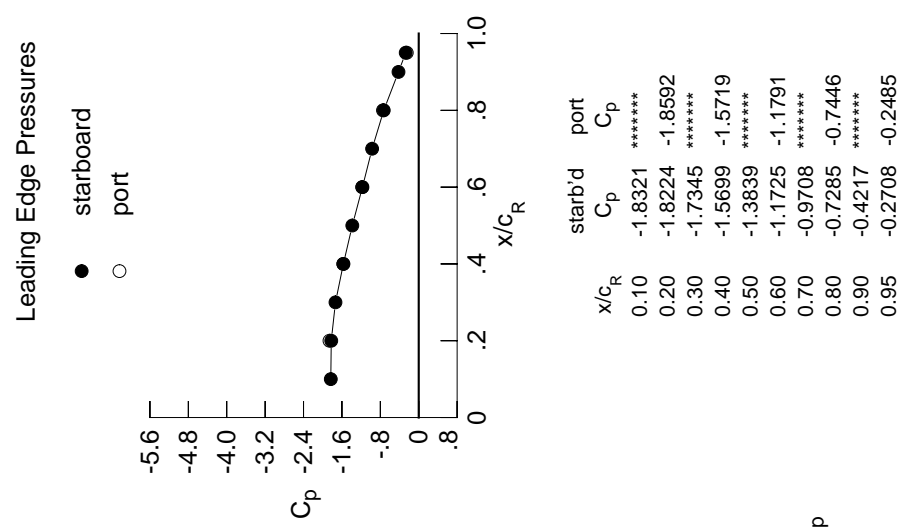


x/c_R	starb'd C_p	port C_p
0.10	-1.7255	*****
0.20	-1.7377	-1.7764
0.30	-1.6372	*****
0.40	-1.4956	-1.4978
0.50	-1.3279	*****
0.60	-1.1227	-1.1358
0.70	-0.9393	*****
0.80	-0.7189	-0.7319
0.90	-0.4229	*****
0.95	-0.2590	-0.2386

Table D1. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5021	-0.4150	-0.1756	*****	*****
0.100	-0.5263	-0.4345	-0.1974	*****	*****
0.150	-0.5392	-0.4268	-0.1995	*****	*****
0.200	-0.5528	-0.4348	-0.2340	*****	-0.2730
0.250	*****	-0.4376	-0.2358	-0.2734	-0.2558
0.300	-0.5383	-0.4481	-0.2790	-0.2428	-0.2724
0.350	-0.5388	-0.4435	-0.2833	-0.2562	-0.3023
0.400	-0.5679	-0.4641	-0.3084	-0.2598	-0.3376
0.450	-0.5562	-0.4875	-0.3566	-0.3150	-0.4172
0.500	-0.5548	-0.5401	-0.4917	-0.4481	-0.4905
0.525	*****	-0.6087	-0.5807	-0.5456	-0.5811
0.550	-0.5458	-0.7153	-0.7361	-0.6864	-0.6613
0.575	*****	-0.8624	-0.9193	-0.8655	-0.7646
0.600	-0.7677	-1.1131	-1.2070	-1.0777	-0.8611
0.625	*****	*****	-1.4483	-1.3136	-0.9364
0.650	-1.5950	-1.8416	-1.7855	-1.4985	-0.9297
0.675	*****	-2.2838	-1.9963	-1.6196	-0.8152
0.700	-2.6270	-2.6092	-2.0866	-1.5939	-0.6333
0.725	*****	-2.7183	*****	-1.4169	-0.4412
0.750	-3.1141	-2.5468	*****	-1.1204	-0.4452
0.775	*****	-2.1278	-1.4341	-0.9233	-0.4272
0.800	-2.8342	-1.8397	-1.3302	-0.8991	*****
0.825	*****	-1.7859	-1.3119	-0.8692	-0.4185
0.850	-2.2113	-1.7868	-1.2940	-0.8569	-0.3809
0.875	*****	-1.8111	-1.3122	-0.8471	-0.3603
0.900	-2.0651	-1.7563	-1.2981	-0.8614	*****
0.925	*****	-1.6565	-1.2256	-0.7943	-0.3637
0.950	-1.9314	-1.6213	-1.2130	-0.7523	-0.3077
0.975	*****	-1.6139	-1.1970	-0.7494	-0.2716
1.000	-1.8224	-1.5699	-1.1725	-0.7285	-0.2708
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4421	0.3879	0.3608	*****	-0.3047
-0.400	0.4302	0.4026	0.3270	0.1356	-0.3658
-0.600	0.4376	0.3900	0.3358	0.1824	-0.4706
-0.700	*****	0.3888	0.3503	0.1844	-0.4978
-0.800	*****	*****	0.3378	0.2197	-0.4556
-0.850	*****	0.3226	0.3199	0.2411	-0.4233
-0.900	0.3013	0.2289	0.2757	0.2176	-0.3489
-0.950	0.1602	-0.0176	0.0955	0.1664	-0.0893
-0.975	*****	-0.2941	-0.1359	0.0314	0.0297
-1.000	-1.8592	-1.5719	-1.1791	-0.7446	-0.2485

Small Radius L.E.
 Run No. = 36 , Point No. = 734
 $C_N = 0.902$, $C_m = -0.1012$
 $\alpha = 20.4^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.8 \times 10^6$

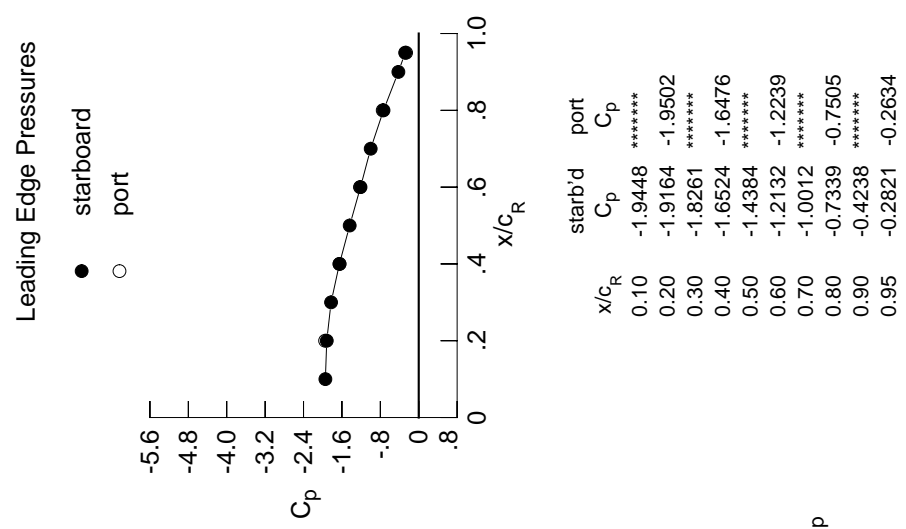


x/c_R	starb'd C_p	port C_p
0.10	-1.8321	*****
0.20	-1.8224	-1.8592
0.30	-1.7345	*****
0.40	-1.5699	-1.5719
0.50	-1.3839	*****
0.60	-1.1725	-1.1791
0.70	-0.9708	*****
0.80	-0.7285	-0.7446
0.90	-0.4217	*****
0.95	-0.2708	-0.2485

Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5430	-0.4476	-0.1940	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5617	-0.4682	-0.2132	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5850	-0.4641	-0.2150	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5946	-0.4637	-0.2507	*****	*****	*****	*****	*****	*****	-0.2884
0.250	*****	-0.4758	-0.2569	-0.2925	-0.2795	*****	*****	*****	*****	-0.2795
0.300	-0.5810	-0.4797	-0.3049	-0.2635	-0.2912	*****	*****	*****	*****	-0.2912
0.350	-0.5791	-0.4831	-0.3160	-0.2837	-0.3187	*****	*****	*****	*****	-0.3187
0.400	-0.6021	-0.5093	-0.3492	-0.2997	-0.3531	*****	*****	*****	*****	-0.3531
0.450	-0.5898	-0.5481	-0.4167	-0.3700	-0.4419	*****	*****	*****	*****	-0.4419
0.500	-0.5974	-0.6329	-0.5891	-0.5394	-0.5325	*****	*****	*****	*****	-0.5325
0.525	*****	-0.7350	-0.7027	-0.6537	-0.6296	*****	*****	*****	*****	-0.6296
0.550	-0.6365	-0.8762	-0.8847	-0.8083	-0.7175	*****	*****	*****	*****	-0.7175
0.575	*****	-1.0679	-1.0935	-1.0061	-0.8134	*****	*****	*****	*****	-0.8134
0.600	-1.0006	-1.3570	-1.3937	-1.2161	-0.8936	*****	*****	*****	*****	-0.8936
0.625	*****	*****	-1.6454	-1.4364	-0.9379	*****	*****	*****	*****	-0.9379
0.650	-1.9573	-2.1130	-1.9569	-1.5887	-0.9077	*****	*****	*****	*****	-0.9077
0.675	*****	-2.5303	-2.1274	-1.6582	-0.7613	*****	*****	*****	*****	-0.7613
0.700	-2.9489	-2.7868	-2.1589	-1.5801	-0.5737	*****	*****	*****	*****	-0.5737
0.725	*****	-2.7836	*****	-1.3638	-0.4256	*****	*****	*****	*****	-0.4256
0.750	-3.3238	-2.4893	*****	-1.0565	-0.4513	*****	*****	*****	*****	-0.4513
0.775	*****	-2.0544	-1.4312	-0.9127	-0.4296	*****	*****	*****	*****	-0.4296
0.800	-2.8219	-1.8786	-1.3635	-0.9024	*****	*****	*****	*****	*****	-0.9024
0.825	*****	-1.8489	-1.3524	-0.8735	-0.4136	*****	*****	*****	*****	-0.4136
0.850	-2.2793	-1.8580	-1.3295	-0.8638	-0.3795	*****	*****	*****	*****	-0.3795
0.875	*****	-1.8790	-1.3497	-0.8522	-0.3617	*****	*****	*****	*****	-0.3617
0.900	-2.1670	-1.8209	-1.3456	-0.8644	*****	*****	*****	*****	*****	-0.8644
0.925	*****	-1.7297	-1.2639	-0.8076	-0.3599	*****	*****	*****	*****	-0.3599
0.950	-2.0248	-1.6969	-1.2553	-0.7570	-0.3115	*****	*****	*****	*****	-0.3115
0.975	*****	-1.6879	-1.2401	-0.7580	-0.2799	*****	*****	*****	*****	-0.2799
1.000	-1.9164	-1.6524	-1.2132	-0.7339	-0.2821	*****	*****	*****	*****	-0.2821
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4668	0.4083	0.3820	*****	-0.3002	*****	*****	*****	*****	-0.3002
-0.600	0.4581	0.4252	0.3485	0.1488	-0.3685	*****	*****	*****	*****	-0.3685
-0.700	0.4585	0.4106	0.3555	0.1969	-0.4755	*****	*****	*****	*****	-0.4755
-0.800	*****	0.4068	0.3649	0.2029	-0.5007	*****	*****	*****	*****	-0.5007
-0.850	*****	*****	0.3520	0.2301	-0.4464	*****	*****	*****	*****	-0.4464
-0.900	*****	0.3259	0.3289	0.2519	-0.4170	*****	*****	*****	*****	-0.4170
-0.950	0.2948	0.2189	0.2742	0.2254	-0.3379	*****	*****	*****	*****	-0.3379
-0.975	0.1412	-0.0413	0.0735	0.1599	-0.0818	*****	*****	*****	*****	-0.0818
-1.000	*****	-0.3500	-0.1753	0.0150	0.0256	*****	*****	*****	*****	0.0256
	-1.9502	-1.6476	-1.2239	-0.7505	-0.2634	*****	*****	*****	*****	-0.2634

Small Radius L.E.
 Run No. = 36 , Point No. = 735
 $C_N = 0.967$, $C_m = -0.1114$
 $\alpha = 21.4^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.8 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.9448	*****
0.20	-1.9164	-1.9502
0.30	-1.8261	*****
0.40	-1.6524	-1.6476
0.50	-1.4384	*****
0.60	-1.2132	-1.2239
0.70	-1.0012	*****
0.80	-0.7339	-0.7505
0.90	-0.4238	*****
0.95	-0.2821	-0.2634

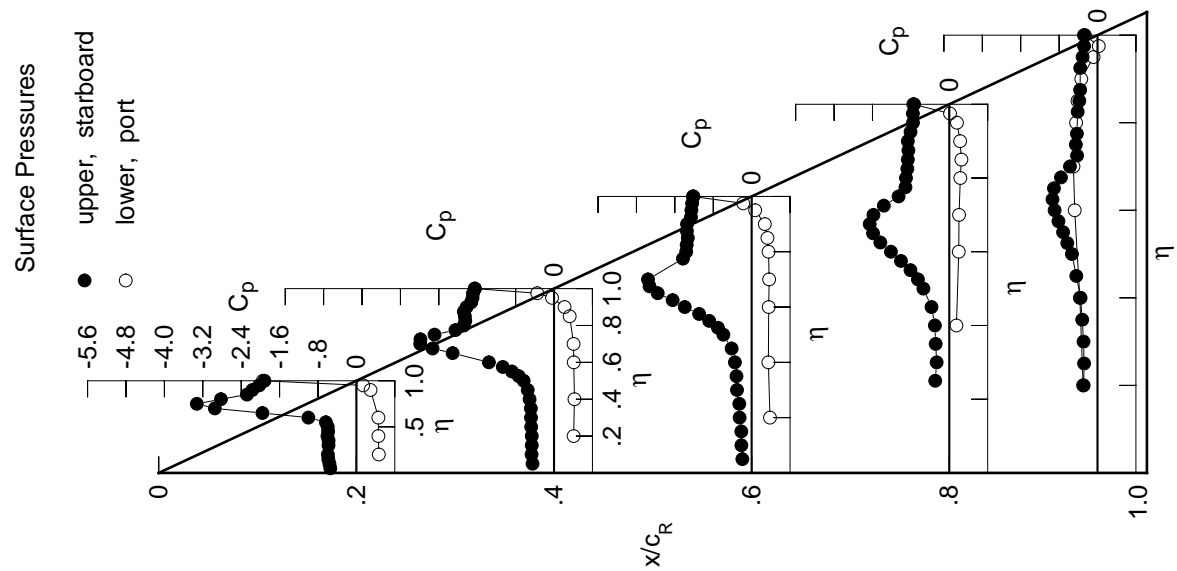


Table D1. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5896	-0.4847	-0.2123	*****	*****
0.100	-0.6082	-0.5008	-0.2368	*****	*****
0.150	-0.6303	-0.5001	-0.2410	*****	*****
0.200	-0.6404	-0.4990	-0.2742	*****	-0.3040
0.250	*****	-0.5120	-0.2827	-0.3094	-0.3061
0.300	-0.6211	-0.5196	-0.3349	-0.2873	-0.3130
0.350	-0.6172	-0.5238	-0.3476	-0.3132	-0.3352
0.400	-0.6401	-0.5608	-0.3982	-0.3412	-0.3748
0.450	-0.6308	-0.6187	-0.4863	-0.4348	-0.4739
0.500	-0.6566	-0.7408	-0.6990	-0.6330	-0.5770
0.525	*****	-0.8774	-0.8339	-0.7646	-0.6815
0.550	-0.7618	-1.0507	-1.0412	-0.9293	-0.7579
0.575	*****	-1.2806	-1.2657	-1.1310	-0.8470
0.600	-1.2698	-1.6045	-1.5805	-1.3395	-0.9034
0.625	*****	*****	-1.8194	-1.5323	-0.9218
0.650	-2.3161	-2.3629	-2.1130	-1.6470	-0.8638
0.675	*****	-2.7371	-2.2242	-1.6656	-0.7045
0.700	-3.2503	-2.9110	-2.1940	-1.5409	-0.5227
0.725	*****	-2.7872	*****	-1.2930	-0.4186
0.750	-3.4726	-2.3969	*****	-0.9947	-0.4532
0.775	*****	-2.0258	-1.4379	-0.9035	-0.4266
0.800	-2.7219	-1.9257	-1.4032	-0.8966	*****
0.825	*****	-1.9104	-1.3964	-0.8711	-0.4101
0.850	-2.3581	-1.9188	-1.3711	-0.8589	-0.3781
0.875	*****	-1.9462	-1.3894	-0.8498	-0.3610
0.900	-2.2578	-1.8811	-1.3813	-0.8627	*****
0.925	*****	-1.7882	-1.3013	-0.8078	-0.3568
0.950	-2.1181	-1.7618	-1.2970	-0.7581	-0.3189
0.975	*****	-1.7514	-1.2791	-0.7583	-0.2937
1.000	-2.0174	-1.7148	-1.2465	-0.7420	-0.3011
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4899	0.4254	0.3933	*****	-0.3026
-0.400	0.4778	0.4450	0.3639	0.1631	-0.3660
-0.600	0.4748	0.4307	0.3692	0.2066	-0.4853
-0.700	*****	0.4185	0.3771	0.2092	-0.5022
-0.800	*****	*****	0.3623	0.2433	-0.4433
-0.850	*****	0.3249	0.3331	0.2619	-0.4116
-0.900	0.2854	0.2054	0.2703	0.2275	-0.3288
-0.950	0.1180	-0.0631	0.0534	0.1520	-0.0770
-0.975	*****	-0.4101	-0.2166	-0.0030	0.0200
-1.000	-2.0421	-1.7136	-1.2649	-0.7556	-0.2833

Small Radius L.E.
 Run No. = 36 , Point No. = 736
 $C_N = 1.036$, $C_m = -0.1296$
 $\alpha = 22.4^\circ$, $M_\infty = 0.399$
 $R_{mac} = 5.7 \times 10^6$

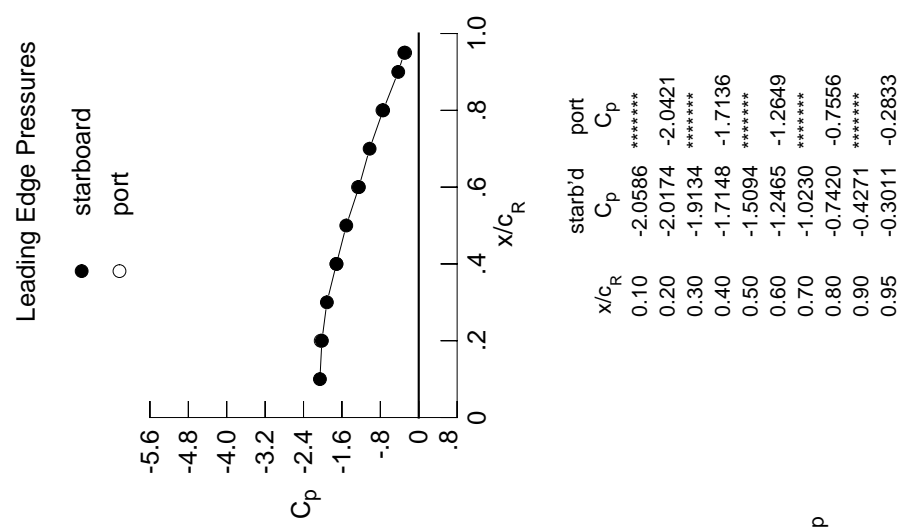


Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6368	-0.5198	-0.2345	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6570	-0.5365	-0.2530	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6759	-0.5374	-0.2584	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6888	-0.5398	-0.2979	*****	*****	*****	*****	*****	*****	-0.3078
0.250	*****	-0.5511	-0.3101	-0.3342	-0.3306	*****	*****	*****	*****	*****
0.300	-0.6691	-0.5609	-0.3688	-0.3130	-0.3334	*****	*****	*****	*****	*****
0.350	-0.6636	-0.5716	-0.3892	-0.3494	-0.3524	*****	*****	*****	*****	*****
0.400	-0.6885	-0.6193	-0.4514	-0.3919	-0.3954	*****	*****	*****	*****	*****
0.450	-0.6864	-0.7068	-0.5713	-0.5119	-0.5068	*****	*****	*****	*****	*****
0.500	-0.7449	-0.8704	-0.8155	-0.7343	-0.6171	*****	*****	*****	*****	*****
0.525	*****	-1.0413	-0.9787	-0.8811	-0.7224	*****	*****	*****	*****	*****
0.550	-0.9400	-1.2475	-1.2038	-1.0626	-0.7965	*****	*****	*****	*****	*****
0.575	*****	-1.5060	-1.4426	-1.2569	-0.8713	*****	*****	*****	*****	*****
0.600	-1.5896	-1.8516	-1.7588	-1.4466	-0.9099	*****	*****	*****	*****	*****
0.625	*****	*****	-1.9896	-1.6178	-0.9027	*****	*****	*****	*****	*****
0.650	-2.6895	-2.5951	-2.2492	-1.6878	-0.8210	*****	*****	*****	*****	*****
0.675	*****	-2.9240	-2.3153	-1.6544	-0.6515	*****	*****	*****	*****	*****
0.700	-3.5555	-2.9935	-2.2273	-1.4879	-0.4842	*****	*****	*****	*****	*****
0.725	*****	-2.7564	*****	-1.2155	-0.4192	*****	*****	*****	*****	*****
0.750	-3.5209	-2.3137	*****	-0.9467	-0.4601	*****	*****	*****	*****	*****
0.775	*****	-2.0459	-1.4628	-0.9000	-0.4225	*****	*****	*****	*****	*****
0.800	-2.6545	-1.9953	-1.4425	-0.8905	*****	*****	*****	*****	*****	*****
0.825	*****	-1.9785	-1.4354	-0.8627	-0.4092	*****	*****	*****	*****	*****
0.850	-2.4650	-1.9948	-1.4135	-0.8531	-0.3838	*****	*****	*****	*****	*****
0.875	*****	-2.0190	-1.4302	-0.8413	-0.3751	*****	*****	*****	*****	*****
0.900	-2.3595	-1.9568	-1.4293	-0.8644	*****	*****	*****	*****	*****	*****
0.925	*****	-1.8635	-1.3495	-0.8106	-0.3655	*****	*****	*****	*****	*****
0.950	-2.2294	-1.8400	-1.3380	-0.7651	-0.3395	*****	*****	*****	*****	*****
0.975	*****	-1.8335	-1.3235	-0.7644	-0.3168	*****	*****	*****	*****	*****
1.000	-2.1372	-1.8023	-1.2935	-0.7452	-0.3304	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5162	0.4534	0.4220	*****	*****	*****	*****	*****	*****	-0.3016
-0.600	0.5046	0.4707	0.3837	0.1764	-0.3695	*****	*****	*****	*****	*****
-0.700	0.4942	0.4551	0.3858	0.2298	-0.4885	*****	*****	*****	*****	*****
-0.800	*****	0.4371	0.4018	0.2251	-0.4967	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3751	0.2570	-0.4409	*****	*****	*****	*****	*****
-0.900	*****	0.3243	0.3415	0.2740	-0.4074	*****	*****	*****	*****	*****
-0.950	0.2758	0.1916	0.2709	0.2327	-0.3218	*****	*****	*****	*****	*****
-0.975	0.0918	-0.0872	0.0304	0.1448	-0.0730	*****	*****	*****	*****	*****
-1.000	*****	-0.4701	-0.2545	-0.0197	0.0148	*****	*****	*****	*****	*****
	-2.1557	-1.7922	-1.3089	-0.7592	-0.3135	*****	*****	*****	*****	*****

Small Radius L.E.

Run No. = 36 , Point No. = 737

$C_N = 1.084$, $C_m = -0.1287$

$\alpha = 23.4^\circ$, $M_\infty = 0.398$

$R_{mac} = 5.7 \times 10^6$

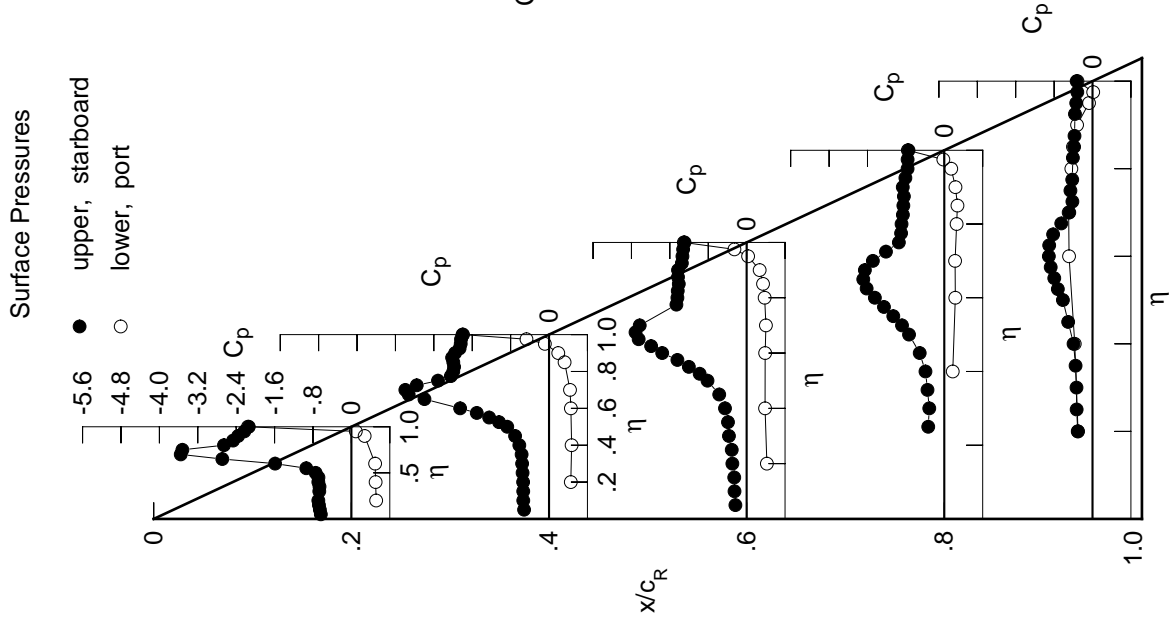


Table D1. Continued.

η	x/c_R .2	$C_{p,u}$	x/c_R .4	$C_{p,u}$	x/c_R .6	$C_{p,u}$	x/c_R .8	$C_{p,u}$	x/c_R .95	$C_{p,u}$
0.050		-0.6839		-0.5556		-0.2554		*****		*****
0.100		-0.7058		-0.5753		-0.2783		*****		*****
0.150		-0.7288		-0.5703		-0.2828		*****		*****
0.200		-0.7418		-0.5738		-0.3267		*****		-0.3145
0.250		*****		-0.5935		-0.3385		-0.3570		-0.3531
0.300		-0.7186		-0.6056		-0.4007		-0.3392		-0.3573
0.350		-0.7140		-0.6217		-0.4397		-0.3901		-0.3832
0.400		-0.7438		-0.6905		-0.5084		-0.4406		-0.4229
0.450		-0.7546		-0.8022		-0.6603		-0.5869		-0.5463
0.500		-0.8560		-1.0139		-0.9406		-0.8358		-0.6565
0.525		*****		-1.2137		-1.1168		-0.9883		-0.7620
0.550		-1.1511		-1.4490		-1.3650		-1.1731		-0.8348
0.575		*****		-1.7392		-1.6080		-1.3654		-0.8929
0.600		-1.9220		-2.0966		-1.9285		-1.5431		-0.9190
0.625		*****		*****		-2.1381		-1.6720		-0.8926
0.650		-3.0485		-2.8025		-2.3548		-1.7081		-0.8047
0.675		*****		-3.0624		-2.3765		-1.6267		-0.6231
0.700		-3.8157		-3.0322		-2.2421		-1.4354		-0.4656
0.725		*****		-2.7078		*****		-1.1408		-0.4329
0.750		-3.4376		-2.2598		*****		-0.9145		-0.4657
0.775		*****		-2.0909		-1.4910		-0.8935		-0.4386
0.800		-2.6505		-2.0536		-1.4816		-0.8830		*****
0.825		*****		-2.0461		-1.4738		-0.8606		-0.4267
0.850		-2.5651		-2.0623		-1.4536		-0.8435		-0.4012
0.875		*****		-2.0868		-1.4671		-0.8326		-0.4031
0.900		-2.4495		-2.0125		-1.4747		-0.8589		*****
0.925		*****		-1.9273		-1.3883		-0.8094		-0.3901
0.950		-2.3367		-1.9043		-1.3787		-0.7668		-0.3749
0.975		*****		-1.9039		-1.3693		-0.7643		-0.3520
1.000		-2.2523		-1.8713		-1.3348		-0.7432		-0.3699
-0.200		$C_{p,l}$		$C_{p,l}$		$C_{p,l}$		$C_{p,l}$		$C_{p,l}$
-0.400		0.5351		0.4759		0.4326		*****		-0.3061
-0.600		0.5225		0.4863		0.3982		0.1893		-0.3633
-0.700		0.5104		0.4662		0.4016		0.2397		-0.4893
-0.800		*****		0.4487		0.4086		0.2322		-0.4951
-0.850		*****		*****		0.3859		0.2705		-0.4346
-0.900		0.2621		0.1737		0.2627		0.2831		-0.4006
-0.950		0.0630		-0.1153		0.0056		0.1358		-0.0709
-0.975		*****		-0.5335		-0.2992		-0.0409		0.0042
-1.000		-2.2748		-1.8654		-1.3496		-0.7624		-0.3572

Small Radius L.E.
 Run No. = 36 , Point No. = 738
 $C_N = 1.147$, $C_m = -0.1387$
 $\alpha = 24.5^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.7 \times 10^6$

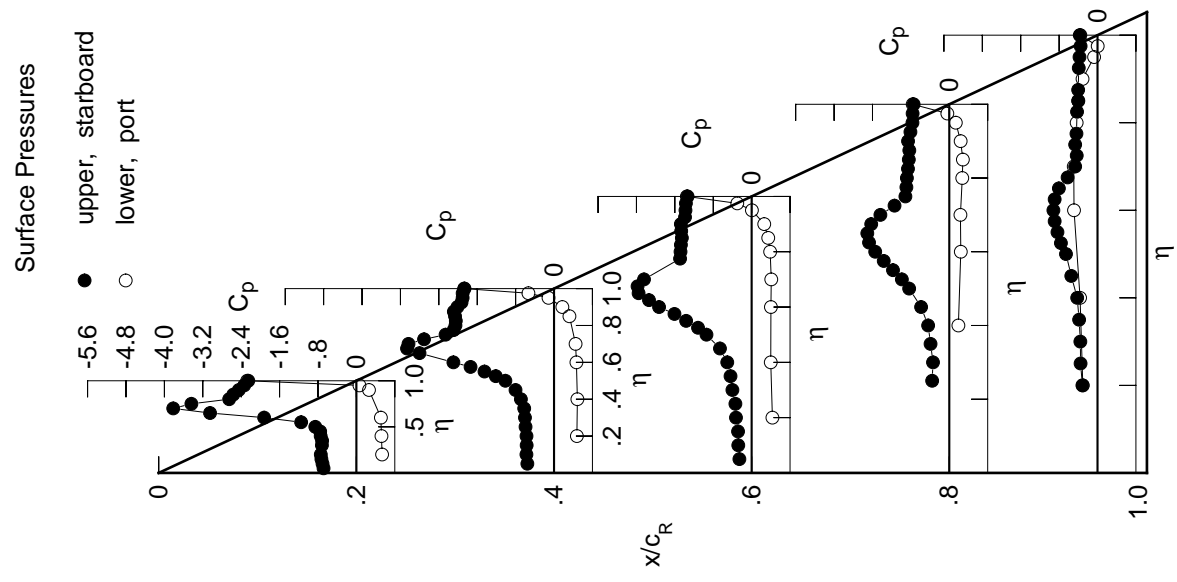
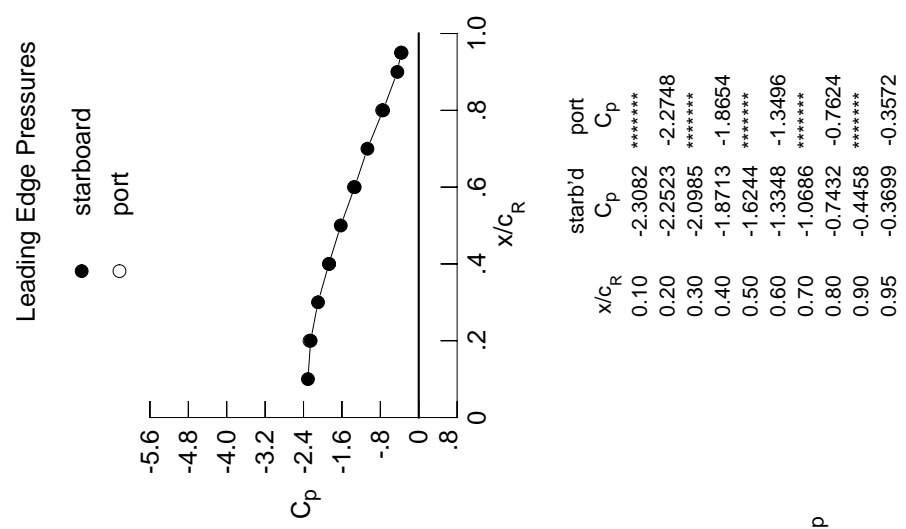
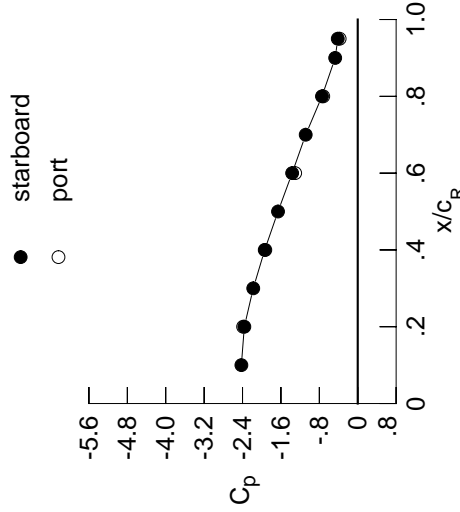


Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.7299	-0.5871	-0.2647	*****	*****	*****	*****	*****	*****	*****
0.100	-0.7583	-0.6077	-0.2889	*****	*****	*****	*****	*****	*****	*****
0.150	-0.7740	-0.6032	-0.2960	*****	*****	*****	*****	*****	*****	*****
0.200	-0.7925	-0.6100	-0.3463	*****	*****	*****	*****	*****	*****	-0.3189
0.250	*****	-0.6277	-0.3584	-0.3880	-0.3746	-0.3858	*****	*****	*****	-0.3755
0.300	-0.7690	-0.6489	-0.4361	-0.3746	-0.3746	-0.3858	*****	*****	*****	-0.3858
0.350	-0.7629	-0.6729	-0.4770	-0.4313	-0.4313	-0.4093	*****	*****	*****	-0.4093
0.400	-0.8010	-0.7597	-0.5730	-0.5050	-0.5050	-0.4523	*****	*****	*****	-0.4523
0.450	-0.8327	-0.8997	-0.7407	-0.6601	-0.6601	-0.5796	*****	*****	*****	-0.5796
0.500	-0.9905	-1.1543	-1.0495	-0.9328	-0.9328	-0.6889	*****	*****	*****	-0.6889
0.525	*****	-1.3758	-1.2462	-1.0864	-1.0864	-0.7899	*****	*****	*****	-0.7899
0.550	-1.3869	-1.6387	-1.5019	-1.2665	-1.2665	-0.8492	*****	*****	*****	-0.8492
0.575	*****	-1.9397	-1.7501	-1.4484	-1.4484	-0.8981	*****	*****	*****	-0.8981
0.600	-2.2564	-2.3098	-2.0579	-1.6002	-1.6002	-0.9056	*****	*****	*****	-0.9056
0.625	*****	*****	-2.2421	-1.6985	-1.6985	-0.8683	*****	*****	*****	-0.8683
0.650	-3.3898	-2.9558	-2.4293	-1.6937	-1.6937	-0.7672	*****	*****	*****	-0.7672
0.675	*****	-3.1549	-2.4040	-1.5857	-1.5857	-0.5928	*****	*****	*****	-0.5928
0.700	-4.0158	-3.0349	-2.2388	-1.3742	-1.3742	-0.4588	*****	*****	*****	-0.4588
0.725	*****	-2.6555	*****	-1.0782	-1.0782	-0.4427	*****	*****	*****	-0.4427
0.750	-3.2916	-2.2397	*****	-0.8929	-0.8929	-0.4837	*****	*****	*****	-0.4837
0.775	*****	-2.1315	-1.5183	-0.8840	-0.8840	-0.4613	*****	*****	*****	-0.4613
0.800	-2.7009	-2.1063	-1.5077	-0.8820	-0.8820	*****	*****	*****	*****	*****
0.825	*****	-2.0986	-1.4971	-0.8571	-0.8571	-0.4648	*****	*****	*****	-0.4648
0.850	-2.6658	-2.1193	-1.4762	-0.8425	-0.8425	-0.4459	*****	*****	*****	-0.4459
0.875	*****	-2.1381	-1.4903	-0.8155	-0.8155	-0.4447	*****	*****	*****	-0.4447
0.900	-2.5369	-2.0698	-1.4988	-0.8479	-0.8479	*****	*****	*****	*****	*****
0.925	*****	-1.9856	-1.4163	-0.8097	-0.8097	-0.4344	*****	*****	*****	-0.4344
0.950	-2.4361	-1.9646	-1.4112	-0.7636	-0.7636	-0.4206	*****	*****	*****	-0.4206
0.975	*****	-1.9658	-1.4013	-0.7623	-0.7623	-0.4033	*****	*****	*****	-0.4033
1.000	-2.3626	-1.9379	-1.3667	-0.7452	-0.7452	-0.4156	*****	*****	*****	-0.4156
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5664	0.4911	0.4526	*****	*****	-0.3236	*****	*****	*****	-0.3236
-0.600	0.5462	0.5081	0.4161	0.1970	0.1970	-0.3978	*****	*****	*****	-0.3978
-0.700	0.5237	0.4826	0.4170	0.2487	0.2487	-0.5082	*****	*****	*****	-0.5082
-0.800	*****	0.4638	0.4274	0.2443	0.2443	-0.5060	*****	*****	*****	-0.5060
-0.850	*****	*****	0.3970	0.2747	0.2747	-0.4401	*****	*****	*****	-0.4401
-0.900	0.2482	0.1595	0.2635	0.2856	0.2856	-0.4045	*****	*****	*****	-0.4045
-0.950	0.0352	-0.1363	-0.0026	0.2358	0.2358	-0.3111	*****	*****	*****	-0.3111
-0.975	*****	-0.5887	-0.3114	-0.0433	-0.0433	-0.0718	*****	*****	*****	-0.0718
-1.000	-2.3879	-1.9254	-1.3035	-0.7182	-0.7182	-0.3766	*****	*****	*****	-0.3766

Small Radius L.E.
 Run No. = 36 , Point No. = 739
 $C_N = 1.178$, $C_m = -0.1350$
 $\alpha = 25.5^\circ$, $M_\infty = 0.398$
 $R_{mac} = 5.7 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-2.4242	*****
0.20	-2.3626	-2.3879
0.30	-2.1769	*****
0.40	-1.9379	-1.9254
0.50	-1.6610	*****
0.60	-1.3667	-1.3035
0.70	-1.0839	*****
0.80	-0.7452	-0.7182
0.90	-0.4693	*****
0.95	-0.4156	-0.3766

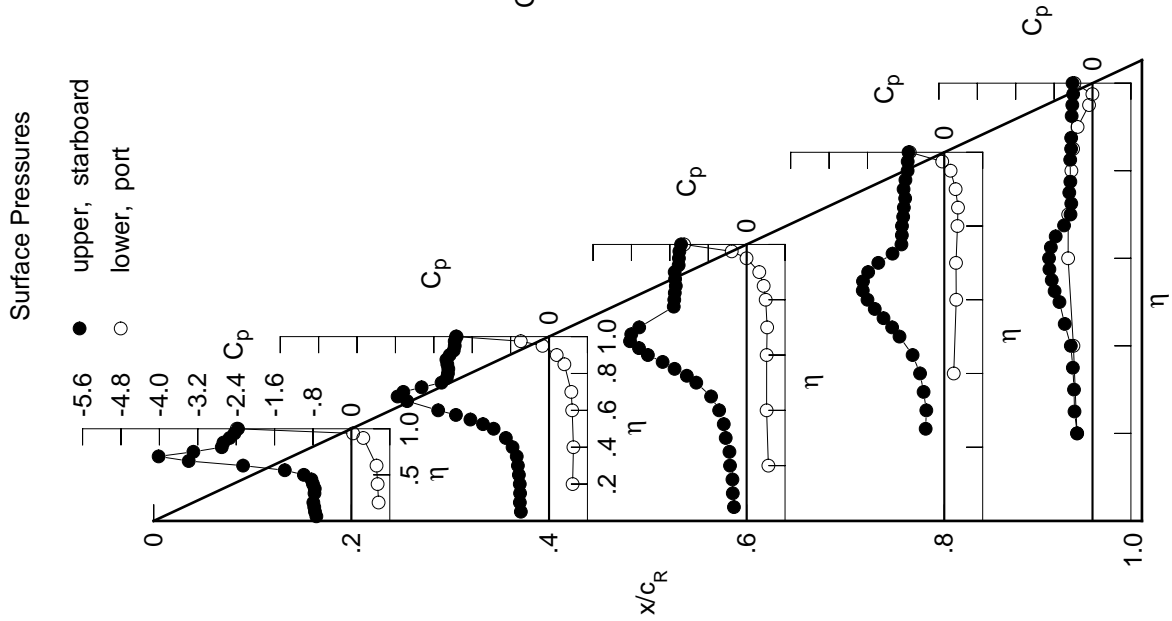
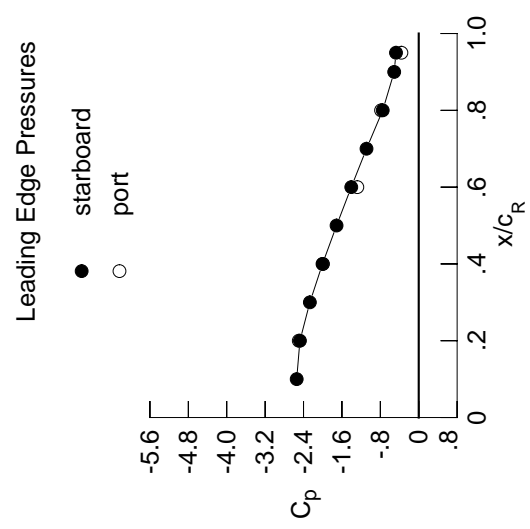


Table D1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,l}$	$C_{p,l}$
0.050	-0.7869	-0.6256	-0.2914	*****	*****	*****	*****	*****	*****	*****
0.100	-0.8127	-0.6425	-0.3127	*****	*****	*****	*****	*****	*****	*****
0.150	-0.8319	-0.6427	-0.3269	*****	*****	*****	*****	*****	*****	*****
0.200	-0.8468	-0.6481	-0.3743	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6789	-0.3957	-0.4199	-0.3906	*****	*****	*****	*****	*****
0.300	-0.8246	-0.6982	-0.4746	-0.4167	-0.4130	*****	*****	*****	*****	*****
0.350	-0.8233	-0.7420	-0.5326	-0.4842	-0.4399	*****	*****	*****	*****	*****
0.400	-0.8743	-0.8399	-0.6437	-0.5709	-0.4891	*****	*****	*****	*****	*****
0.450	-0.9335	-1.0185	-0.8462	-0.7491	-0.6139	*****	*****	*****	*****	*****
0.500	-1.1622	-1.3135	-1.1791	-1.0294	-0.7227	*****	*****	*****	*****	*****
0.525	*****	-1.5660	-1.3924	-1.1911	-0.8163	*****	*****	*****	*****	*****
0.550	-1.6693	-1.8458	-1.6484	-1.3609	-0.8660	*****	*****	*****	*****	*****
0.575	*****	-2.1633	-1.9017	-1.5253	-0.9003	*****	*****	*****	*****	*****
0.600	-2.6247	-2.5293	-2.1944	-1.6520	-0.8986	*****	*****	*****	*****	*****
0.625	*****	*****	-2.3628	-1.7104	-0.8494	*****	*****	*****	*****	*****
0.650	-3.7506	-3.1032	-2.5076	-1.6670	-0.7487	*****	*****	*****	*****	*****
0.675	*****	-3.2217	-2.4443	-1.5283	-0.5800	*****	*****	*****	*****	*****
0.700	-4.1365	-3.0296	-2.2477	-1.2869	-0.4815	*****	*****	*****	*****	*****
0.725	*****	-2.6022	*****	-1.0073	-0.4765	*****	*****	*****	*****	*****
0.750	-3.1453	-2.2457	*****	-0.8822	-0.5273	*****	*****	*****	*****	*****
0.775	*****	-2.1903	-1.5507	-0.8925	-0.5045	*****	*****	*****	*****	*****
0.800	-2.7862	-2.1702	-1.5432	-0.8924	*****	*****	*****	*****	*****	*****
0.825	*****	-2.1628	-1.5387	-0.8596	-0.5292	*****	*****	*****	*****	*****
0.850	-2.7718	-2.1892	-1.5066	-0.8461	-0.5089	*****	*****	*****	*****	*****
0.875	*****	-2.2109	-1.5309	-0.8203	-0.5066	*****	*****	*****	*****	*****
0.900	-2.6314	-2.1394	-1.5338	-0.8458	*****	*****	*****	*****	*****	*****
0.925	*****	-2.0472	-1.4557	-0.8161	-0.4887	*****	*****	*****	*****	*****
0.950	-2.5382	-2.0330	-1.4415	-0.7728	-0.4779	*****	*****	*****	*****	*****
0.975	*****	-2.0350	-1.4396	-0.7725	-0.4643	*****	*****	*****	*****	*****
1.000	-2.4753	-2.0049	-1.4054	-0.7501	-0.4737	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5849	0.5092	0.4639	*****	*****	*****	*****	*****	-0.3345	*****
-0.600	0.5630	0.5229	0.4331	0.2076	-0.4017	*****	*****	*****	*****	*****
-0.700	0.5358	0.5003	0.4256	0.2573	-0.5132	*****	*****	*****	*****	*****
-0.800	*****	0.4752	0.4419	0.2524	-0.5006	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4042	0.2834	-0.4328	*****	*****	*****	*****	*****
-0.900	0.2292	0.1379	0.3558	0.2904	-0.3934	*****	*****	*****	*****	*****
-0.950	-0.0003	-0.1576	0.2609	0.2331	-0.2936	*****	*****	*****	*****	*****
-0.975	*****	-0.6477	-0.0189	0.1109	-0.0610	*****	*****	*****	*****	*****
-1.000	-2.4992	-1.9949	-1.2790	-0.7847	-0.3612	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 36 , Point No. = 740
 $C_N = 1.235$, $C_m = -0.1464$
 $\alpha = 26.5^\circ$, $M_\infty = 0.399$
 $R_{mac} = 5.7 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-2.5426	*****
0.20	-2.4753	-2.4992
0.30	-2.2678	*****
0.40	-2.0049	-1.9949
0.50	-1.7117	*****
0.60	-1.4054	-1.2790
0.70	-1.0879	*****
0.80	-0.7501	-0.7847
0.90	-0.5113	*****
0.95	-0.4737	-0.3612

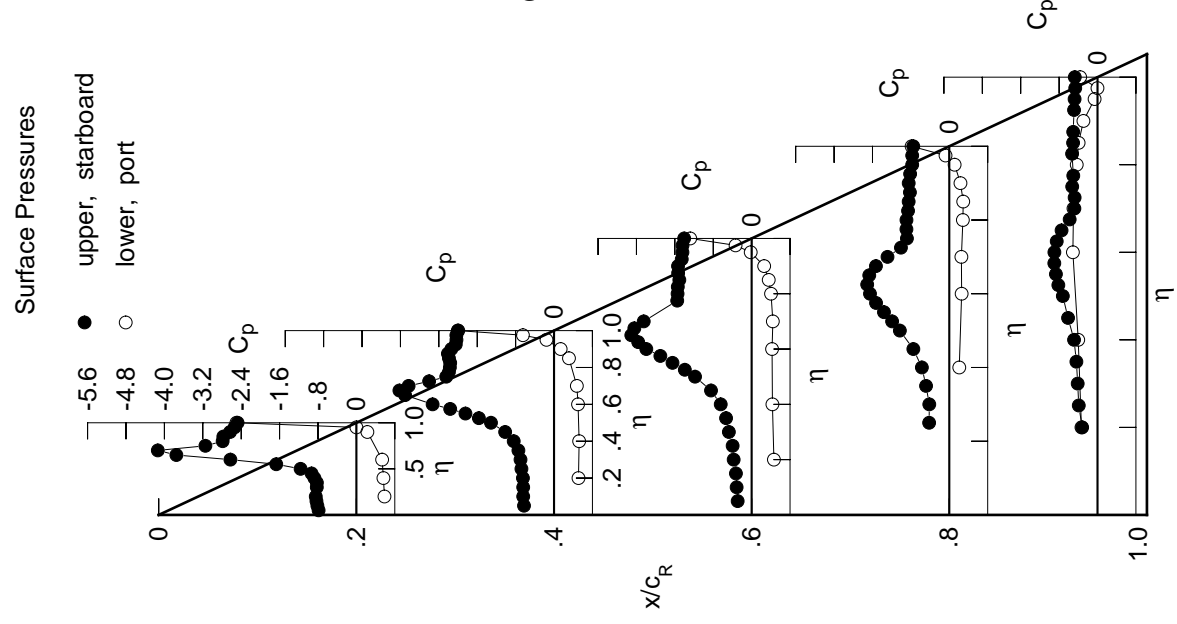


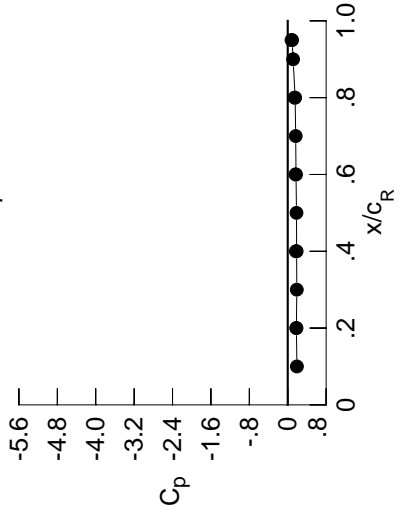
Table D1. Concluded.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0354	-0.0185	0.0859	*****	*****
0.100	-0.0241	-0.0200	0.0739	*****	*****
0.150	-0.0320	-0.0160	0.0534	*****	*****
0.200	-0.0314	-0.0148	0.0477	*****	-0.2402
0.250	*****	-0.0110	0.0310	-0.1017	-0.2657
0.300	-0.0599	-0.0166	0.0273	-0.0927	-0.2843
0.350	-0.0686	-0.0213	0.0127	-0.0823	-0.2909
0.400	-0.0646	-0.0222	0.0014	-0.0800	-0.3117
0.450	-0.0739	-0.0227	0.0032	-0.0800	-0.3049
0.500	-0.0747	-0.0286	-0.0088	-0.0731	-0.3267
0.525	*****	-0.0307	-0.0148	-0.0802	-0.3192
0.550	-0.0828	-0.0298	-0.0078	-0.0688	-0.3238
0.575	*****	-0.0371	-0.0111	-0.0801	-0.3290
0.600	-0.0861	-0.0363	-0.0175	-0.0746	-0.3282
0.625	*****	*****	-0.0197	-0.0725	-0.3263
0.650	-0.0840	-0.0500	-0.0151	-0.0671	-0.3298
0.675	*****	-0.0480	-0.0256	-0.0747	-0.3344
0.700	-0.0834	-0.0623	-0.0359	-0.0759	-0.3424
0.725	*****	-0.0703	*****	-0.0800	-0.3515
0.750	-0.0554	-0.0741	-0.0627	-0.0798	-0.3426
0.775	*****	-0.0765	-0.0624	-0.0763	*****
0.800	-0.0435	-0.0765	-0.0624	-0.0763	*****
0.825	*****	-0.0852	-0.0752	-0.1031	-0.3768
0.850	-0.0249	-0.0784	-0.0893	-0.1185	-0.4033
0.875	*****	-0.0654	-0.0989	-0.1311	-0.4600
0.900	0.0073	-0.0512	-0.0809	-0.1309	*****
0.925	*****	-0.0305	-0.0736	-0.1310	-1.0254
0.950	0.0530	0.0040	-0.0334	-0.1051	-0.4595
0.975	*****	0.0519	0.0219	-0.0320	-0.2423
1.000	0.1809	0.1855	0.1725	0.1543	0.0908
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0363	-0.0066	0.0428	*****	-0.2706
-0.400	-0.0683	-0.0128	0.0020	-0.0723	-0.3197
-0.600	-0.0939	-0.0354	-0.0215	-0.0858	-0.3306
-0.700	*****	-0.0764	-0.0379	-0.0817	-0.3653
-0.800	*****	*****	-0.0881	-0.0890	-0.4022
-0.850	*****	-0.0983	-0.1064	-0.1423	-0.4650
-0.900	-0.0381	-0.0676	-0.1095	-0.1586	-0.6718
-0.950	0.0024	-0.0076	-0.0548	-0.1307	-0.4819
-0.975	*****	0.0449	-0.0016	-0.0619	-0.2636
-1.000	0.1786	0.1689	0.1596	0.1412	0.0787

Small Radius L.E.
 Run No. = 36, Point No. = 741
 $C_N = -0.052$, $C_m = 0.0313$
 $\alpha = 0.1^\circ$, $M_\infty = 0.399$
 $R_{mac} = 5.8 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1913	*****
0.20	0.1809	0.1786
0.30	0.1887	*****
0.40	0.1855	0.1689
0.50	0.1823	*****
0.60	0.1725	0.1596
0.70	0.1658	*****
0.80	0.1543	0.1412
0.90	0.1121	*****
0.95	0.0908	0.0787

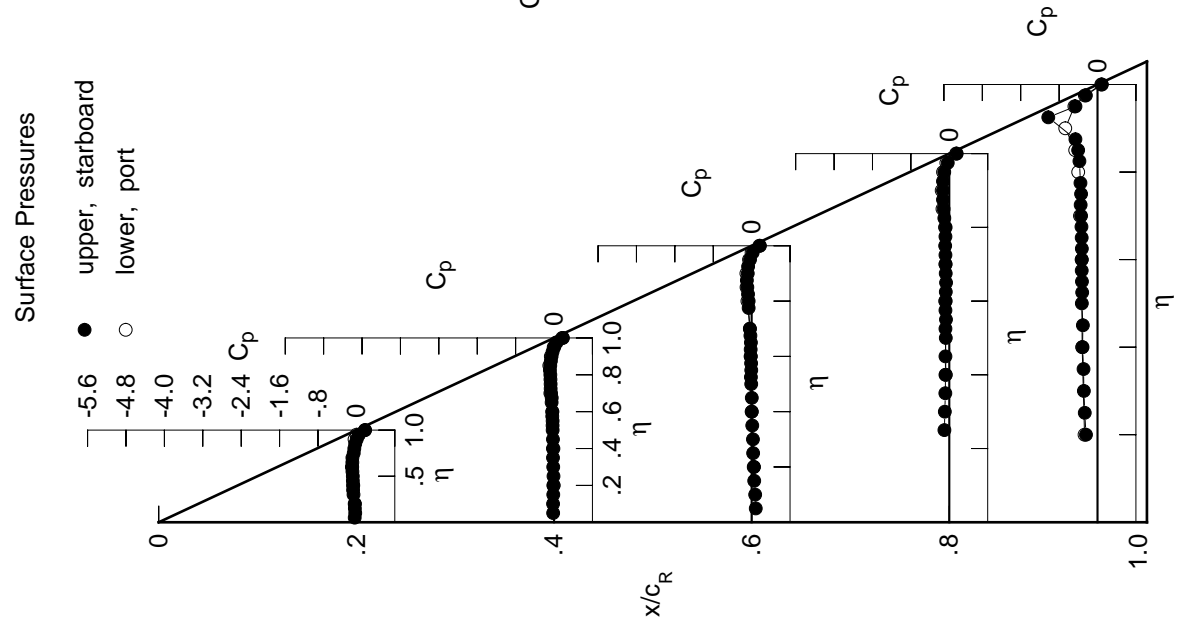
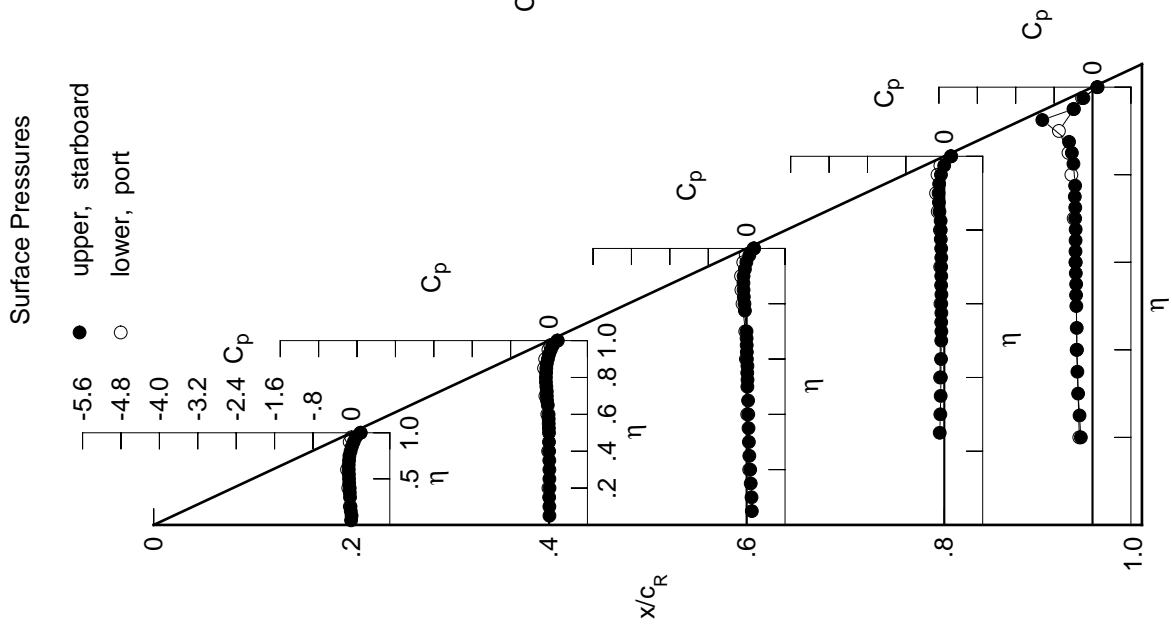


Table D2. Tabulations and Plots of Surface Pressure Coefficients.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0066	0.0084	0.1082	0.1082	0.1082	0.1082	0.1082	0.1082	0.1082	0.1082
0.100	0.0039	0.0074	0.1017	0.1017	0.1017	0.1017	0.1017	0.1017	0.1017	0.1017
0.150	-0.0129	0.0023	0.0848	0.0848	0.0848	0.0848	0.0848	0.0848	0.0848	0.0848
0.200	-0.0188	0.0092	0.0734	0.0734	0.0734	0.0734	0.0734	0.0734	0.0734	0.0734
0.250	0.0000	0.0071	0.0559	0.0559	0.0559	0.0559	0.0559	0.0559	0.0559	0.0559
0.300	-0.0289	0.0076	0.0465	0.0465	0.0465	0.0465	0.0465	0.0465	0.0465	0.0465
0.350	-0.0338	0.0055	0.0390	0.0390	0.0390	0.0390	0.0390	0.0390	0.0390	0.0390
0.400	-0.0355	0.0015	0.0335	0.0335	0.0335	0.0335	0.0335	0.0335	0.0335	0.0335
0.450	-0.0456	-0.0008	0.0301	0.0301	0.0301	0.0301	0.0301	0.0301	0.0301	0.0301
0.500	-0.0495	-0.0006	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153
0.525	0.0000	-0.0044	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188
0.550	-0.0523	-0.0074	0.0126	0.0126	0.0126	0.0126	0.0126	0.0126	0.0126	0.0126
0.575	0.0000	-0.0075	0.0159	0.0159	0.0159	0.0159	0.0159	0.0159	0.0159	0.0159
0.600	-0.0553	-0.0093	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051
0.625	0.0000	0.0000	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044
0.650	-0.0558	-0.0265	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
0.675	0.0000	-0.0422	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008
0.700	-0.0491	-0.0463	-0.0023	-0.0023	-0.0023	-0.0023	-0.0023	-0.0023	-0.0023	-0.0023
0.725	0.0000	-0.0473	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.750	-0.0417	-0.0564	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.775	0.0000	-0.0647	-0.0360	-0.0360	-0.0360	-0.0360	-0.0360	-0.0360	-0.0360	-0.0360
0.800	-0.0166	-0.0659	-0.0454	-0.0454	-0.0454	-0.0454	-0.0454	-0.0454	-0.0454	-0.0454
0.825	0.0000	-0.0613	-0.0591	-0.0591	-0.0591	-0.0591	-0.0591	-0.0591	-0.0591	-0.0591
0.850	0.0097	-0.0569	-0.0640	-0.0640	-0.0640	-0.0640	-0.0640	-0.0640	-0.0640	-0.0640
0.875	0.0000	-0.0469	-0.0661	-0.0661	-0.0661	-0.0661	-0.0661	-0.0661	-0.0661	-0.0661
0.900	0.0472	-0.0242	-0.0639	-0.0639	-0.0639	-0.0639	-0.0639	-0.0639	-0.0639	-0.0639
0.925	0.0000	-0.0003	-0.0361	-0.0361	-0.0361	-0.0361	-0.0361	-0.0361	-0.0361	-0.0361
0.950	0.0898	0.0366	-0.0062	-0.0062	-0.0062	-0.0062	-0.0062	-0.0062	-0.0062	-0.0062
0.975	0.0000	0.0807	0.0552	0.0552	0.0552	0.0552	0.0552	0.0552	0.0552	0.0552
1.000	0.1956	0.1825	0.1578	0.1578	0.1578	0.1578	0.1578	0.1578	0.1578	0.1578
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	-0.0321	-0.0125	0.0526	0.0526	0.0526	0.0526	0.0526	0.0526	0.0526	0.0526
-0.600	-0.0657	-0.0195	0.0117	0.0117	0.0117	0.0117	0.0117	0.0117	0.0117	0.0117
-0.700	-0.0916	-0.0361	-0.0149	-0.0149	-0.0149	-0.0149	-0.0149	-0.0149	-0.0149	-0.0149
-0.800	0.0000	-0.0763	-0.0291	-0.0291	-0.0291	-0.0291	-0.0291	-0.0291	-0.0291	-0.0291
-0.850	0.0000	0.0000	-0.0855	-0.0855	-0.0855	-0.0855	-0.0855	-0.0855	-0.0855	-0.0855
-0.900	-0.0359	-0.0797	-0.1167	-0.1167	-0.1167	-0.1167	-0.1167	-0.1167	-0.1167	-0.1167
-0.950	-0.0035	-0.0128	-0.0705	-0.0705	-0.0705	-0.0705	-0.0705	-0.0705	-0.0705	-0.0705
-0.975	0.0000	0.0255	-0.0188	-0.0188	-0.0188	-0.0188	-0.0188	-0.0188	-0.0188	-0.0188
-1.000	0.1879	0.1703	0.1434	0.1434	0.1434	0.1434	0.1434	0.1434	0.1434	0.1434

Small Radius L.E.
 Run No. = 38 , Point No. = 750
 $C_N = -0.010$, $C_m = -0.0075$
 $\alpha = -0.4^\circ$, $M_\infty = 0.601$
 $R_{mac} = 6.0 \times 10^6$



Leading Edge Pressures
 ● starboard
 ○ port

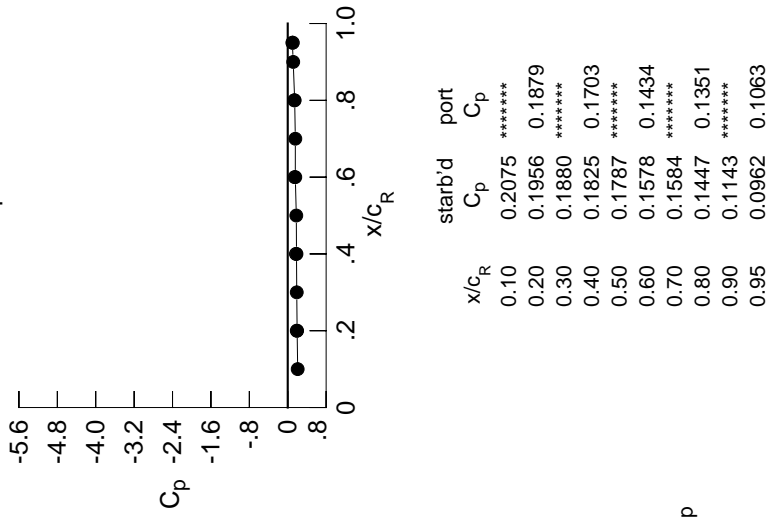
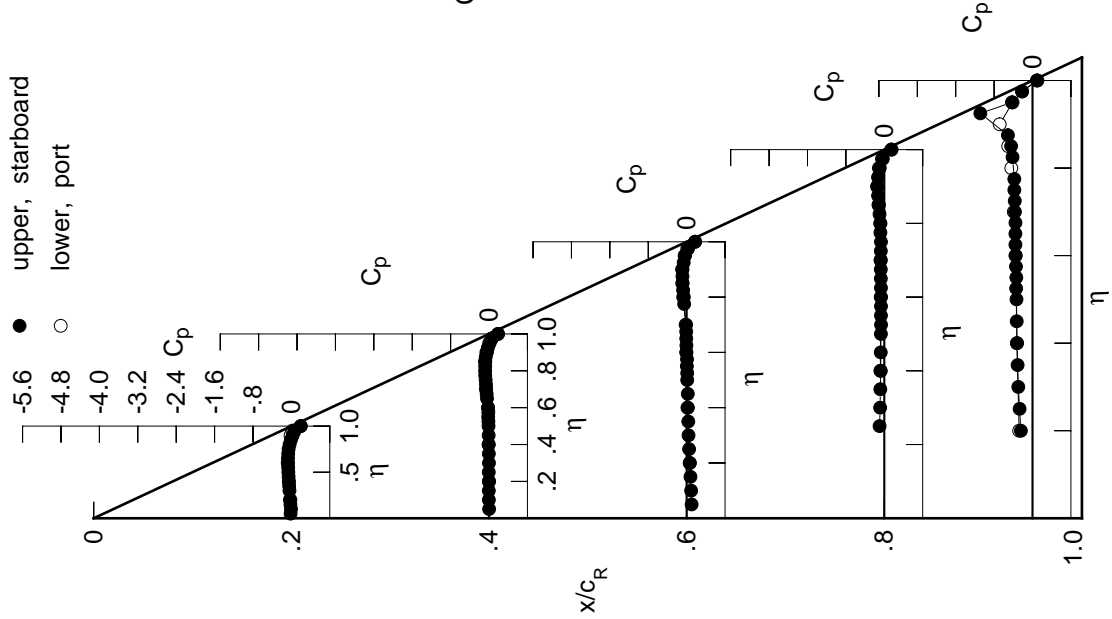


Table D2. Continued.

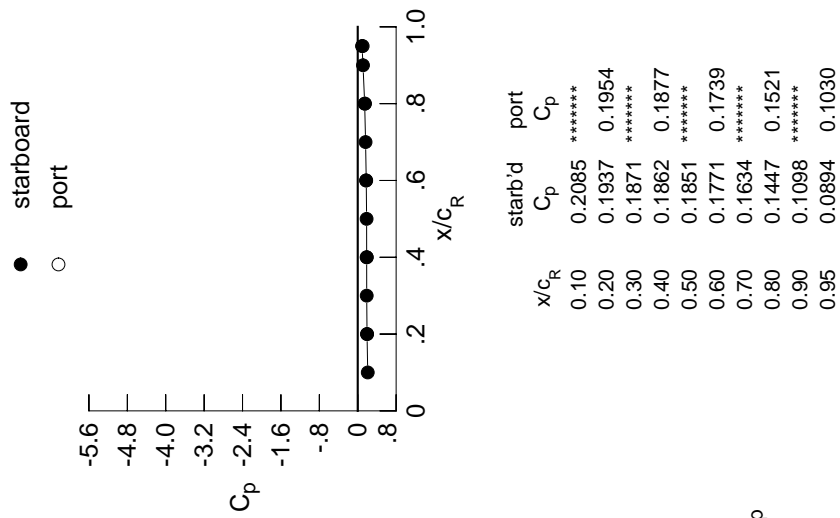
η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0168	0.0017	0.1041	*****	*****
0.100	-0.0081	-0.0036	0.0936	*****	*****
0.150	-0.0198	-0.0046	0.0802	*****	*****
0.200	-0.0286	0.0012	0.0681	*****	-0.2425
0.250	*****	-0.0056	0.0511	-0.0986	-0.2689
0.300	-0.0400	-0.0014	0.0388	-0.0868	-0.2963
0.350	-0.0464	-0.0037	0.0345	-0.0823	-0.3108
0.400	-0.0526	-0.0072	0.0258	-0.0728	-0.3218
0.450	-0.0576	-0.0083	0.0243	-0.0732	-0.3290
0.500	-0.0631	-0.0107	0.0124	-0.0700	-0.3332
0.525	*****	-0.0129	0.0117	-0.0671	-0.3405
0.550	-0.0660	-0.0176	0.0046	-0.0700	-0.3380
0.575	*****	-0.0145	0.0077	-0.0687	-0.3448
0.600	-0.0695	-0.0214	-0.0045	-0.0682	-0.3545
0.625	*****	*****	-0.0048	-0.0695	-0.3560
0.650	-0.0714	-0.0426	-0.0080	-0.0716	-0.3561
0.675	*****	-0.0493	-0.0085	-0.0730	-0.3552
0.700	-0.0654	-0.0599	-0.0116	-0.0722	-0.3661
0.725	*****	-0.0635	*****	-0.0723	-0.3692
0.750	-0.0586	-0.0701	*****	-0.0684	-0.3781
0.775	*****	-0.0792	-0.0508	-0.0811	-0.3789
0.800	-0.0378	-0.0820	-0.0595	-0.0798	*****
0.825	*****	-0.0799	-0.0734	-0.0989	-0.4159
0.850	-0.1013	-0.0773	-0.0833	-0.1129	-0.4465
0.875	*****	-0.0688	-0.0872	-0.1296	-0.5124
0.900	0.0276	-0.0458	-0.0860	-0.1422	*****
0.925	*****	-0.0243	-0.0619	-0.1307	-1.0862
0.950	0.0701	0.0129	-0.0324	-0.0947	-0.4281
0.975	*****	0.0543	0.0283	-0.0308	-0.2178
1.000	0.1937	0.1862	0.1771	0.1447	0.0894
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0216	-0.0050	0.0620	*****	-0.2785
-0.400	-0.0548	-0.0082	0.0171	-0.0816	-0.3259
-0.600	-0.0767	-0.0186	-0.0077	-0.0747	-0.3502
-0.700	*****	-0.0629	-0.0211	-0.0789	-0.3906
-0.800	*****	*****	-0.0723	-0.0849	-0.4414
-0.850	*****	-0.0836	-0.0916	-0.1218	-0.5064
-0.900	-0.0166	-0.0553	-0.0940	-0.1509	-0.6839
-0.950	0.0171	0.0049	-0.0424	-0.1131	-0.4161
-0.975	*****	0.0550	0.0128	-0.0494	-0.2166
-1.000	0.1954	0.1877	0.1739	0.1521	0.1030

Surface Pressures



Small Radius L.E.
 Run No. = 38, Point No. = 751
 $C_N = 0.007$, $C_m = -0.0102$
 $\alpha = 0.1^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2085	*****
0.20	0.1937	0.1954
0.30	0.1871	*****
0.40	0.1862	0.1877
0.50	0.1851	*****
0.60	0.1771	0.1739
0.70	0.1634	*****
0.80	0.1447	0.1521
0.90	0.1098	*****
0.95	0.0894	0.1030

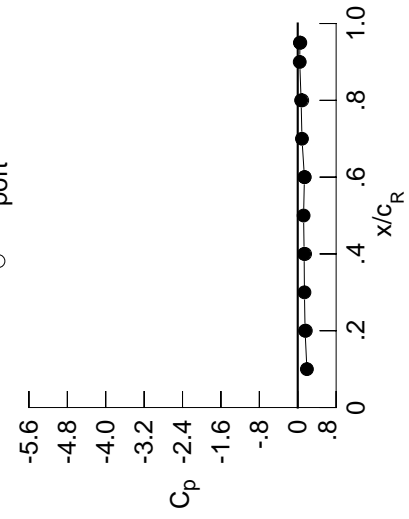
Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0316	-0.0148	0.0916	0.0916	0.0916	0.0916	0.0916	0.0916	0.0916	0.0916
0.100	-0.0204	-0.0175	0.0837	0.0837	0.0837	0.0837	0.0837	0.0837	0.0837	0.0837
0.150	-0.0390	-0.0183	0.0702	0.0702	0.0702	0.0702	0.0702	0.0702	0.0702	0.0702
0.200	-0.0410	-0.0134	0.0561	0.0561	0.0561	0.0561	0.0561	0.0561	0.0561	0.0561
0.250	0.0000	-0.0188	0.0413	0.1040	-0.1040	-0.2600	0.0000	-0.0188	0.0413	0.1040
0.300	-0.0599	-0.0166	0.0284	-0.0941	-0.2886	0.0000	-0.0599	-0.0166	0.0284	-0.0941
0.350	-0.0654	-0.0172	0.0241	-0.0870	-0.3020	0.0000	-0.0654	-0.0172	0.0241	-0.0870
0.400	-0.0725	-0.0225	0.0124	-0.0829	-0.3107	0.0000	-0.0725	-0.0225	0.0124	-0.0829
0.450	-0.0799	-0.0269	0.0135	-0.0777	-0.3234	0.0000	-0.0799	-0.0269	0.0135	-0.0777
0.500	-0.0879	-0.0277	-0.0058	-0.0793	-0.3276	0.0000	-0.0879	-0.0277	-0.0058	-0.0793
0.525	0.0000	-0.0324	-0.0048	-0.0731	-0.3325	0.0000	0.0000	-0.0324	-0.0048	-0.0731
0.550	-0.0930	-0.0327	-0.0089	-0.0806	-0.3316	0.0000	-0.0930	-0.0327	-0.0089	-0.0806
0.575	0.0000	-0.0321	-0.0065	-0.0768	-0.3368	0.0000	0.0000	-0.0321	-0.0065	-0.0768
0.600	-0.0974	-0.0285	-0.0162	-0.0774	-0.3529	0.0000	-0.0974	-0.0285	-0.0162	-0.0774
0.625	0.0000	0.0000	-0.0176	-0.0791	-0.3505	0.0000	0.0000	0.0000	-0.0176	-0.0791
0.650	-0.1017	-0.0771	-0.0237	-0.0819	-0.3583	0.0000	-0.1017	-0.0771	-0.0237	-0.0819
0.675	0.0000	-0.0865	-0.0231	-0.0830	-0.3541	0.0000	0.0000	-0.0865	-0.0231	-0.0830
0.700	-0.0995	-0.0917	-0.0319	-0.0891	-0.3663	0.0000	-0.0995	-0.0917	-0.0319	-0.0891
0.725	0.0000	-0.0911	0.0000	-0.0856	-0.3694	0.0000	0.0000	-0.0911	0.0000	-0.0856
0.750	-0.0953	-0.1031	0.0000	-0.0823	-0.3770	0.0000	-0.0953	-0.1031	0.0000	-0.0823
0.775	0.0000	-0.1188	-0.0938	-0.0994	-0.3756	0.0000	0.0000	-0.1188	-0.0938	-0.0994
0.800	-0.0749	-0.1215	-0.0980	-0.0903	0.0000	0.0000	-0.0749	-0.1215	-0.0980	-0.0903
0.825	0.0000	-0.1194	-0.1094	-0.1367	-0.4108	0.0000	0.0000	-0.1194	-0.1094	-0.1367
0.850	-0.0508	-0.1245	-0.1237	-0.1476	-0.4487	0.0000	-0.0508	-0.1245	-0.1237	-0.1476
0.875	0.0000	-0.1162	-0.1314	-0.1646	-0.4813	0.0000	0.0000	-0.1162	-0.1314	-0.1646
0.900	-0.0168	-0.1004	-0.1369	-0.1873	0.0000	0.0000	-0.0168	-0.1004	-0.1369	-0.1873
0.925	0.0000	-0.0800	-0.1185	-0.1821	-0.8622	0.0000	0.0000	-0.0800	-0.1185	-0.1821
0.950	0.0235	-0.0439	-0.0946	-0.1564	-0.4079	0.0000	0.0235	-0.0439	-0.0946	-0.1564
0.975	0.0000	-0.0093	-0.0399	-0.1015	-0.2371	0.0000	0.0000	-0.0093	-0.0399	-0.1015
1.000	0.1530	0.1333	0.1392	0.0703	0.0459	0.0000	0.1530	0.1333	0.1392	0.0703
-0.200	0.0006	0.0122	0.0732	0.0000	-0.2768	0.0000	0.0006	0.0122	0.0732	0.0000
-0.400	-0.0302	0.0106	0.0346	-0.0717	-0.3321	0.0000	-0.0302	0.0106	0.0346	-0.0717
-0.600	-0.0452	0.0018	0.0141	-0.0588	-0.3511	0.0000	-0.0452	0.0018	0.0141	-0.0588
-0.700	0.0000	-0.0308	0.0001	-0.0618	-0.3698	0.0000	0.0000	-0.0308	0.0001	-0.0618
-0.800	0.0000	0.0000	-0.0359	-0.0673	-0.3997	0.0000	0.0000	0.0000	-0.0359	-0.0673
-0.850	0.0000	-0.0377	-0.0512	-0.0818	-0.4561	0.0000	0.0000	-0.0377	-0.0512	-0.0818
-0.900	0.0246	-0.0050	-0.0447	-0.1059	-0.6231	0.0000	0.0246	-0.0050	-0.0447	-0.1059
-0.950	0.0602	0.0430	0.0159	-0.0534	-0.3928	0.0000	0.0602	0.0430	0.0159	-0.0534
-0.975	0.0000	0.1101	0.0731	0.0138	-0.1776	0.0000	0.0000	0.1101	0.0731	0.0138
-1.000	0.1690	0.1536	0.1459	0.0932	0.0534	0.0000	0.1690	0.1536	0.1459	0.0932

Small Radius L.E.
 Run No. = 38 , Point No. = 752
 $C_N = 0.044$, $C_m = -0.0149$
 $\alpha = 1.1^\circ$, $M_\infty = 0.601$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1909	0.1690
0.20	0.1530	0.1536
0.30	0.1396	0.1536
0.40	0.1333	0.1536
0.50	0.1221	0.1459
0.60	0.1392	0.0883
0.70	0.0883	0.0703
0.80	0.0703	0.0416
0.90	0.0416	0.0459
0.95	0.0459	0.0534

Surface Pressures

● upper, starboard
 ○ lower, port

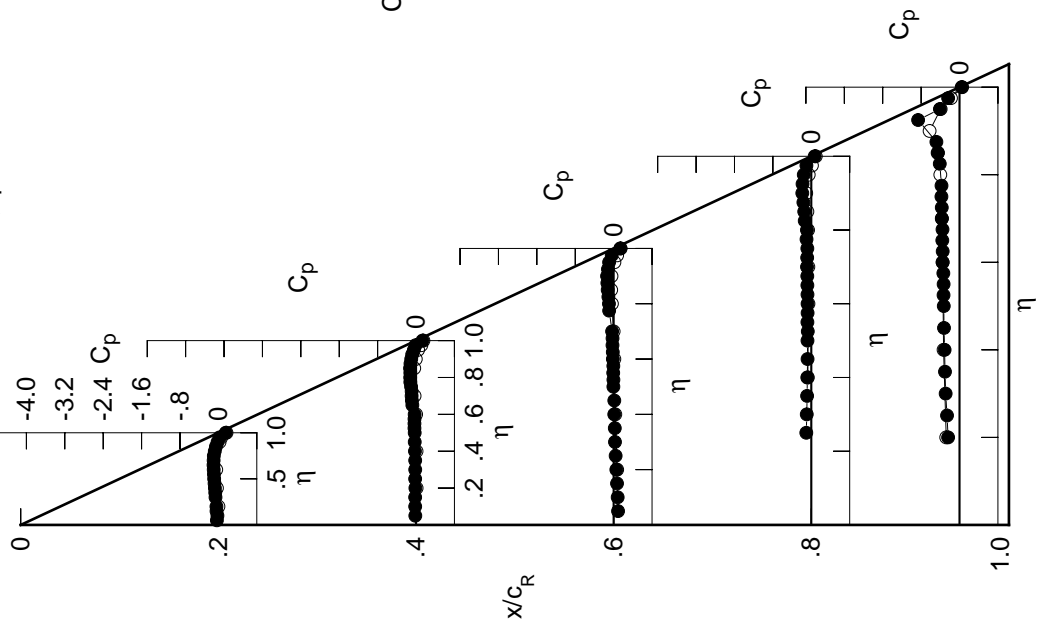


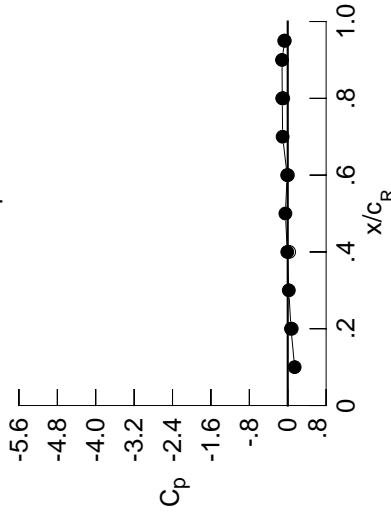
Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0444	-0.0199	0.0905	0.0905	0.0905	0.0905	0.0905	0.0905	0.0905	0.0905
0.100	-0.0333	-0.0216	0.0828	0.0828	0.0828	0.0828	0.0828	0.0828	0.0828	0.0828
0.150	-0.0451	-0.0270	0.0629	0.0629	0.0629	0.0629	0.0629	0.0629	0.0629	0.0629
0.200	-0.0453	-0.0199	0.0519	0.0519	0.0519	0.0519	0.0519	0.0519	0.0519	0.0519
0.250	*****	-0.0285	0.0353	0.0353	-0.1016	-0.1016	-0.2480	-0.2480	-0.2480	-0.2480
0.300	-0.0759	-0.0228	0.0259	0.0259	-0.0964	-0.0964	-0.2730	-0.2730	-0.2730	-0.2730
0.350	-0.0831	-0.0295	0.0199	0.0199	-0.0868	-0.0868	-0.2856	-0.2856	-0.2856	-0.2856
0.400	-0.0881	-0.0286	0.0065	0.0065	-0.0838	-0.0838	-0.2978	-0.2978	-0.2978	-0.2978
0.450	-0.0943	-0.0379	0.0060	0.0060	-0.0778	-0.0778	-0.3052	-0.3052	-0.3052	-0.3052
0.500	-0.1046	-0.0325	-0.0113	-0.0113	-0.0828	-0.0828	-0.3093	-0.3093	-0.3093	-0.3093
0.525	*****	-0.0425	-0.0106	-0.0106	-0.0746	-0.0746	-0.3126	-0.3126	-0.3126	-0.3126
0.550	-0.1130	-0.0453	-0.0180	-0.0180	-0.0873	-0.0873	-0.3147	-0.3147	-0.3147	-0.3147
0.575	*****	-0.0473	-0.0150	-0.0150	-0.0773	-0.0773	-0.3231	-0.3231	-0.3231	-0.3231
0.600	-0.1189	-0.0508	-0.0283	-0.0283	-0.0853	-0.0853	-0.3383	-0.3383	-0.3383	-0.3383
0.625	*****	*****	-0.0294	-0.0294	-0.0832	-0.0832	-0.3380	-0.3380	-0.3380	-0.3380
0.650	-0.1279	-0.0745	-0.0359	-0.0359	-0.0871	-0.0871	-0.3418	-0.3418	-0.3418	-0.3418
0.675	*****	-0.1166	-0.0355	-0.0355	-0.0951	-0.0951	-0.3382	-0.3382	-0.3382	-0.3382
0.700	-0.1287	-0.1234	-0.0439	-0.0439	-0.0960	-0.0960	-0.3575	-0.3575	-0.3575	-0.3575
0.725	*****	-0.1236	*****	*****	-0.0986	-0.0986	-0.3616	-0.3616	-0.3616	-0.3616
0.750	-0.1320	-0.1381	*****	*****	-0.1001	-0.1001	-0.3788	-0.3788	-0.3788	-0.3788
0.775	*****	-0.1477	-0.0700	-0.1154	-0.1154	-0.3800	-0.3800	-0.3800	-0.3800	-0.3800
0.800	-0.1161	-0.1596	-0.1366	-0.1366	-0.1182	-0.1182	*****	*****	*****	*****
0.825	*****	-0.1606	-0.1456	-0.1456	-0.1148	-0.1148	-0.4157	-0.4157	-0.4157	-0.4157
0.850	-0.0895	-0.1668	-0.1600	-0.1600	-0.1831	-0.1831	-0.4638	-0.4638	-0.4638	-0.4638
0.875	*****	-0.1648	-0.1757	-0.1990	-0.1990	-0.4898	-0.4898	-0.4898	-0.4898	-0.4898
0.900	-0.0607	-0.1509	-0.1878	-0.2236	*****	*****	*****	*****	*****	*****
0.925	*****	-0.1364	-0.1760	-0.2354	-0.6063	-0.6063	-0.6063	-0.6063	-0.6063	-0.6063
0.950	-0.0254	-0.1088	-0.1641	-0.2205	-0.3939	-0.3939	-0.3939	-0.3939	-0.3939	-0.3939
0.975	*****	-0.0818	-0.1187	-0.1777	-0.2719	-0.2719	-0.2719	-0.2719	-0.2719	-0.2719
1.000	0.0682	-0.0098	-0.0123	-0.1141	-0.0624	-0.0624	-0.0624	-0.0624	-0.0624	-0.0624
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0176	0.0373	0.0902	*****	-0.2668	-0.2668	-0.2668	-0.2668	-0.2668	-0.2668
-0.600	-0.0013	0.0285	0.0545	-0.0563	-0.3326	-0.3326	-0.3326	-0.3326	-0.3326	-0.3326
-0.700	-0.0098	0.0299	0.0357	-0.0435	-0.3479	-0.3479	-0.3479	-0.3479	-0.3479	-0.3479
-0.800	*****	0.0105	0.0221	-0.0401	-0.3673	-0.3673	-0.3673	-0.3673	-0.3673	-0.3673
-0.850	*****	0.0110	-0.0067	-0.0493	-0.4343	-0.4343	-0.4343	-0.4343	-0.4343	-0.4343
-0.900	0.0677	0.0473	0.0070	-0.0557	-0.5879	-0.5879	-0.5879	-0.5879	-0.5879	-0.5879
-0.950	0.1050	0.0778	0.0715	0.0052	-0.3501	-0.3501	-0.3501	-0.3501	-0.3501	-0.3501
-0.975	*****	0.1552	0.1272	0.0686	-0.1304	-0.1304	-0.1304	-0.1304	-0.1304	-0.1304
-1.000	0.0835	0.0295	0.0036	-0.0938	-0.0728	-0.0728	-0.0728	-0.0728	-0.0728	-0.0728

Small Radius L.E.
 Run No. = 38 , Point No. = 753
 $C_N = 0.078$, $C_m = -0.0181$
 $\alpha = 2.1^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1443	*****
0.20	0.0682	0.0835
0.30	0.0221	*****
0.40	-0.0098	0.0295
0.50	-0.0486	*****
0.60	-0.0123	0.0036
0.70	-0.1063	*****
0.80	-0.1141	-0.0938
0.90	-0.1190	*****
0.95	-0.0624	-0.0728

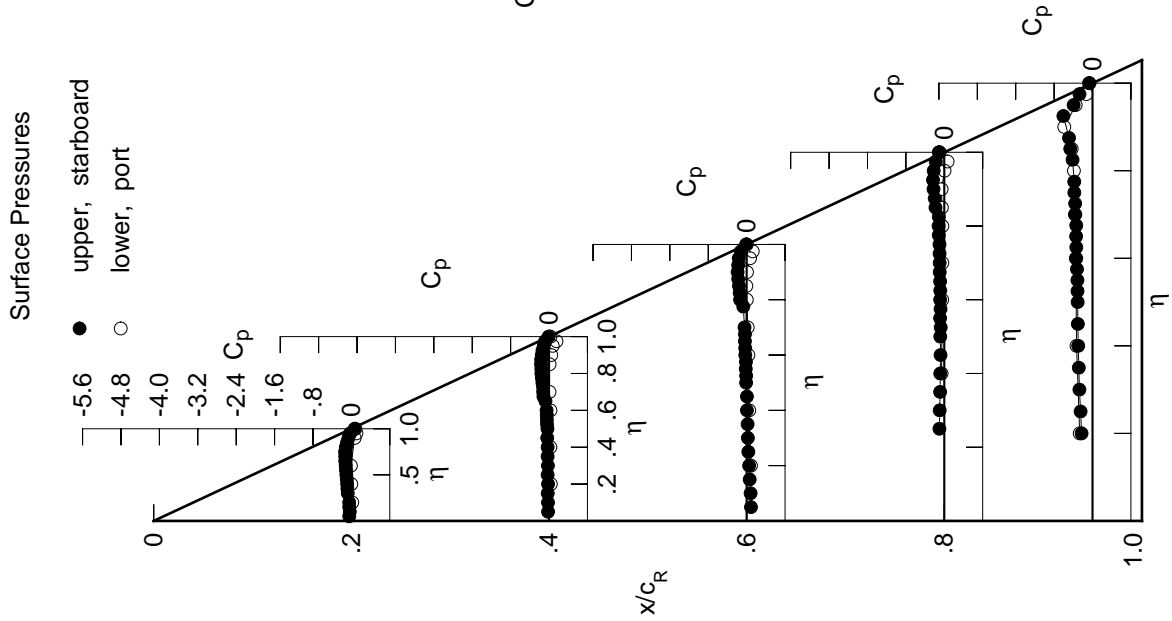
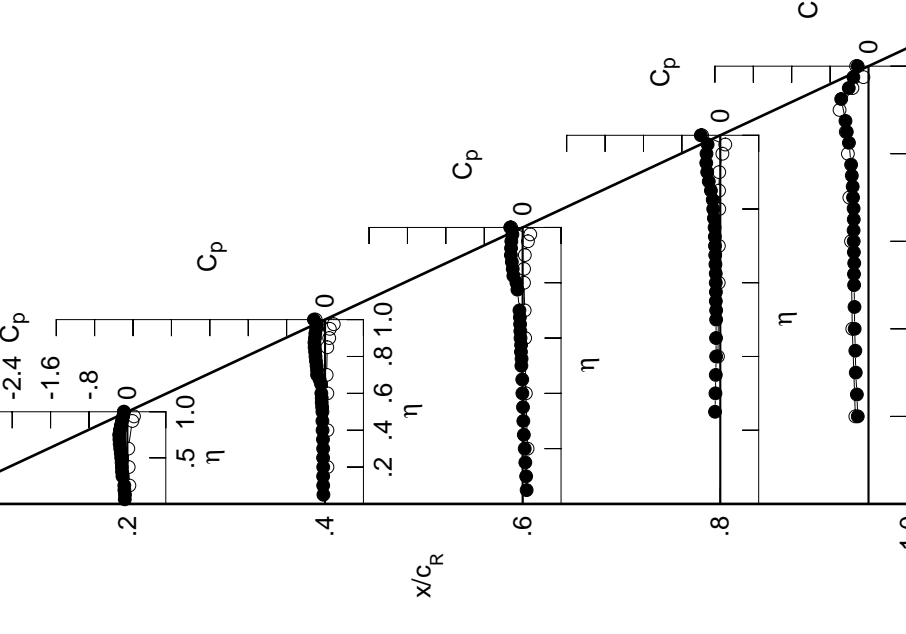
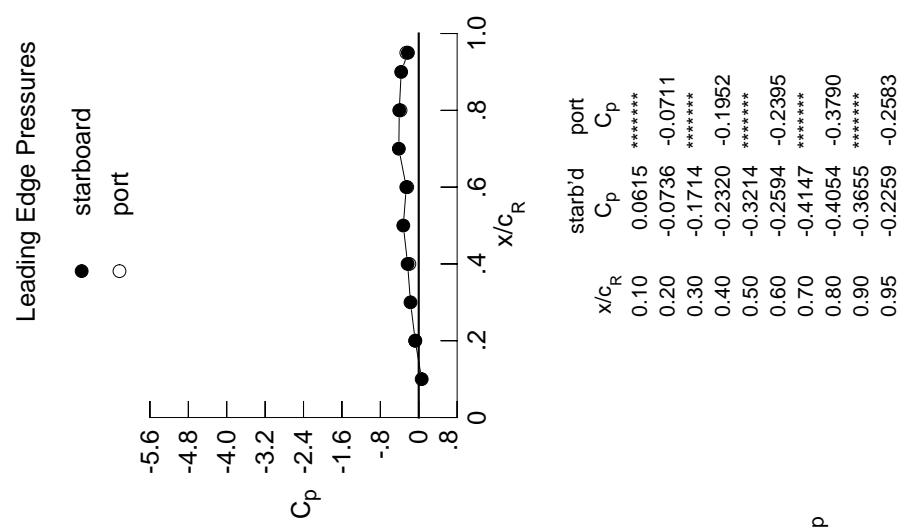


Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0547	-0.0337	0.0829	0.0829	0.0829	0.0829	0.0829	0.0829	0.0829	0.0829
0.100	-0.0505	-0.0381	0.0729	0.0729	0.0729	0.0729	0.0729	0.0729	0.0729	0.0729
0.150	-0.0623	-0.0402	0.0558	0.0558	0.0558	0.0558	0.0558	0.0558	0.0558	0.0558
0.200	-0.0639	-0.0376	0.0434	0.0434	0.0434	0.0434	0.0434	0.0434	0.0434	0.0434
0.250	0.0000	-0.0406	0.0251	0.0251	0.0251	0.0251	0.0251	0.0251	0.0251	0.0251
0.300	-0.1036	-0.0392	0.0147	0.0147	0.0147	0.0147	0.0147	0.0147	0.0147	0.0147
0.350	-0.1118	-0.0434	0.0068	0.0068	0.0068	0.0068	0.0068	0.0068	0.0068	0.0068
0.400	-0.1152	-0.0515	-0.0056	-0.0056	-0.0056	-0.0056	-0.0056	-0.0056	-0.0056	-0.0056
0.450	-0.1207	-0.0544	-0.0082	-0.0082	-0.0082	-0.0082	-0.0082	-0.0082	-0.0082	-0.0082
0.500	-0.1289	-0.0548	-0.0261	-0.0261	-0.0261	-0.0261	-0.0261	-0.0261	-0.0261	-0.0261
0.525	0.0000	-0.0596	-0.0225	-0.0225	-0.0225	-0.0225	-0.0225	-0.0225	-0.0225	-0.0225
0.550	-0.1379	-0.0698	-0.0352	-0.0352	-0.0352	-0.0352	-0.0352	-0.0352	-0.0352	-0.0352
0.575	0.0000	-0.0689	-0.0318	-0.0318	-0.0318	-0.0318	-0.0318	-0.0318	-0.0318	-0.0318
0.600	-0.1492	-0.0770	-0.0437	-0.0437	-0.0437	-0.0437	-0.0437	-0.0437	-0.0437	-0.0437
0.625	0.0000	0.0000	-0.0479	-0.0479	-0.0479	-0.0479	-0.0479	-0.0479	-0.0479	-0.0479
0.650	-0.1611	-0.0831	-0.0527	-0.0527	-0.0527	-0.0527	-0.0527	-0.0527	-0.0527	-0.0527
0.675	0.0000	-0.1139	-0.0573	-0.0573	-0.0573	-0.0573	-0.0573	-0.0573	-0.0573	-0.0573
0.700	-0.1662	-0.1660	-0.0661	-0.1101	-0.3227	0.0000	0.0000	0.0000	0.0000	0.0000
0.725	0.0000	-0.1668	0.0000	-0.1133	-0.3296	0.0000	0.0000	0.0000	0.0000	0.0000
0.750	-0.1711	-0.1766	0.0000	-0.1181	-0.3477	0.0000	0.0000	0.0000	0.0000	0.0000
0.775	0.0000	-0.1885	-0.1085	-0.1340	-0.3623	0.0000	0.0000	0.0000	0.0000	0.0000
0.800	-0.1579	-0.1981	-0.1295	-0.1469	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.825	0.0000	-0.2063	-0.1938	-0.1574	-0.4076	0.0000	0.0000	0.0000	0.0000	0.0000
0.850	-0.1366	-0.2179	-0.2065	-0.1949	-0.4525	0.0000	0.0000	0.0000	0.0000	0.0000
0.875	0.0000	-0.2205	-0.2252	-0.2396	-0.4799	0.0000	0.0000	0.0000	0.0000	0.0000
0.900	-0.1132	-0.2092	-0.2446	-0.2725	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.925	0.0000	-0.2022	-0.2416	-0.2919	-0.5686	0.0000	0.0000	0.0000	0.0000	0.0000
0.950	-0.0890	-0.1846	-0.2364	-0.2873	-0.4112	0.0000	0.0000	0.0000	0.0000	0.0000
0.975	0.0000	-0.1697	-0.2126	-0.2641	-0.3156	0.0000	0.0000	0.0000	0.0000	0.0000
1.000	-0.0736	-0.2320	-0.2594	-0.4054	-0.2259	0.0000	0.0000	0.0000	0.0000	0.0000
-0.200	0.0415	0.0500	0.1028	0.1028	0.1028	0.1028	0.1028	0.1028	0.1028	0.1028
-0.400	0.0275	0.0498	0.0661	0.0487	-0.3383	0.0000	0.0000	0.0000	0.0000	0.0000
-0.600	0.0180	0.0483	0.0521	0.0326	-0.3651	0.0000	0.0000	0.0000	0.0000	0.0000
-0.700	0.0000	0.0334	0.0426	0.0297	-0.3995	0.0000	0.0000	0.0000	0.0000	0.0000
-0.800	0.0000	0.0000	0.0282	0.0218	-0.4298	0.0000	0.0000	0.0000	0.0000	0.0000
-0.850	0.0000	0.0464	0.0294	0.0259	-0.4733	0.0000	0.0000	0.0000	0.0000	0.0000
-0.900	0.1029	0.0874	0.0455	0.0216	-0.6028	0.0000	0.0000	0.0000	0.0000	0.0000
-0.950	0.1367	0.1000	0.1104	0.0439	-0.3350	0.0000	0.0000	0.0000	0.0000	0.0000
-0.975	0.0000	0.1820	0.1592	0.1041	-0.1062	0.0000	0.0000	0.0000	0.0000	0.0000
-1.000	-0.0711	-0.1952	-0.2395	-0.3790	-0.2583	0.0000	0.0000	0.0000	0.0000	0.0000

Small Radius L.E.
 Run No. = 38 , Point No. = 754
 $C_N = 0.119$, $C_m = -0.0281$
 $\alpha = 3.2^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.0615	0.0615
0.20	-0.0736	-0.0711
0.30	-0.1714	0.0000
0.40	-0.2320	-0.1952
0.50	-0.3214	0.0000
0.60	-0.2594	-0.2395
0.70	-0.4147	0.0000
0.80	-0.4054	-0.3790
0.90	-0.3655	0.0000
0.95	-0.2259	-0.2583

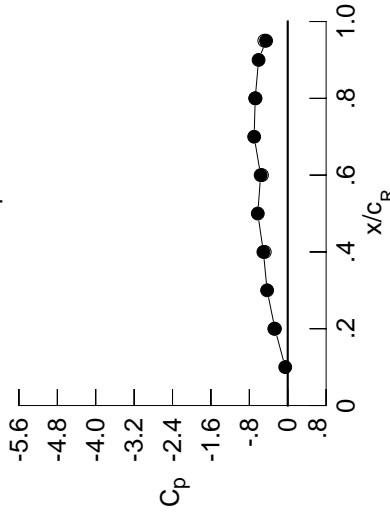
Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0707	-0.0472	0.0743	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0632	-0.0524	0.0633	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0787	-0.0537	0.0457	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0768	-0.0502	0.0333	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0571	0.0137	-0.1133	-0.2374	*****	*****	*****	*****	*****
0.300	-0.1155	-0.0566	0.0040	-0.1042	-0.2649	*****	*****	*****	*****	*****
0.350	-0.1468	-0.0584	-0.0060	-0.0955	-0.2828	*****	*****	*****	*****	*****
0.400	-0.1472	-0.0647	-0.0165	-0.0939	-0.2931	*****	*****	*****	*****	*****
0.450	-0.1519	-0.0712	-0.0232	-0.0932	-0.2913	*****	*****	*****	*****	*****
0.500	-0.1582	-0.0712	-0.0367	-0.0939	-0.2877	*****	*****	*****	*****	*****
0.525	*****	-0.0813	-0.0405	-0.0940	-0.2836	*****	*****	*****	*****	*****
0.550	-0.1664	-0.0910	-0.0501	-0.1002	-0.2782	*****	*****	*****	*****	*****
0.575	*****	-0.0902	-0.0523	-0.1022	-0.2811	*****	*****	*****	*****	*****
0.600	-0.1781	-0.1020	-0.0617	-0.1020	-0.2873	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0704	-0.1070	-0.2829	*****	*****	*****	*****	*****
0.650	-0.1938	-0.1239	-0.0755	-0.1118	-0.2779	*****	*****	*****	*****	*****
0.675	*****	-0.1433	-0.0822	-0.1194	-0.2709	*****	*****	*****	*****	*****
0.700	-0.2015	-0.1615	-0.0955	-0.1236	-0.2759	*****	*****	*****	*****	*****
0.725	*****	-0.1731	*****	-0.1318	-0.2652	*****	*****	*****	*****	*****
0.750	-0.2083	-0.1982	*****	-0.1375	-0.2599	*****	*****	*****	*****	*****
0.775	*****	-0.2218	-0.1487	-0.1638	-0.2361	*****	*****	*****	*****	*****
0.800	-0.2016	-0.2338	-0.1753	-0.1721	*****	*****	*****	*****	*****	*****
0.825	*****	-0.2477	-0.2067	-0.1860	-0.2315	*****	*****	*****	*****	*****
0.850	-0.1867	-0.2641	-0.2385	-0.2231	-0.2644	*****	*****	*****	*****	*****
0.875	*****	-0.2714	-0.2658	-0.2622	-0.3419	*****	*****	*****	*****	*****
0.900	-0.1758	-0.2654	-0.2938	-0.3103	*****	*****	*****	*****	*****	*****
0.925	*****	-0.2647	-0.3028	-0.3367	-1.1473	*****	*****	*****	*****	*****
0.950	-0.1593	-0.2564	-0.3095	-0.3520	-0.5374	*****	*****	*****	*****	*****
0.975	*****	-0.2541	-0.3019	-0.3468	-0.4085	*****	*****	*****	*****	*****
1.000	-0.2670	-0.5074	-0.5646	-0.6775	-0.4515	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0658	0.0663	0.1162	*****	*****	-0.2819	*****	*****	*****	*****
-0.400	0.0515	0.0614	0.0785	-0.0396	-0.3462	*****	*****	*****	*****	*****
-0.600	0.0467	0.0686	0.0662	-0.0212	-0.3810	*****	*****	*****	*****	*****
-0.700	*****	0.0591	0.0634	-0.0153	-0.4198	*****	*****	*****	*****	*****
-0.800	*****	*****	0.0540	-0.0070	-0.4505	*****	*****	*****	*****	*****
-0.850	*****	0.0814	0.0603	-0.0037	-0.4871	*****	*****	*****	*****	*****
-0.900	0.1323	0.1214	0.0901	0.0100	-0.5957	*****	*****	*****	*****	*****
-0.950	0.1660	0.1199	0.1419	0.0771	-0.3089	*****	*****	*****	*****	*****
-0.975	*****	0.1977	0.1813	0.1292	-0.0791	*****	*****	*****	*****	*****
-1.000	-0.2811	-0.4785	-0.5371	-0.6709	-0.4882	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 38 , Point No. = 755
 $C_N = 0.150$, $C_m = -0.0305$
 $\alpha = 4.2^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.0523	*****
0.20	-0.2670	-0.2811
0.30	-0.4297	*****
0.40	-0.5074	-0.4785
0.50	-0.6237	*****
0.60	-0.5646	-0.5371
0.70	-0.6995	*****
0.80	-0.6775	-0.6709
0.90	-0.6072	*****
0.95	-0.4515	-0.4882

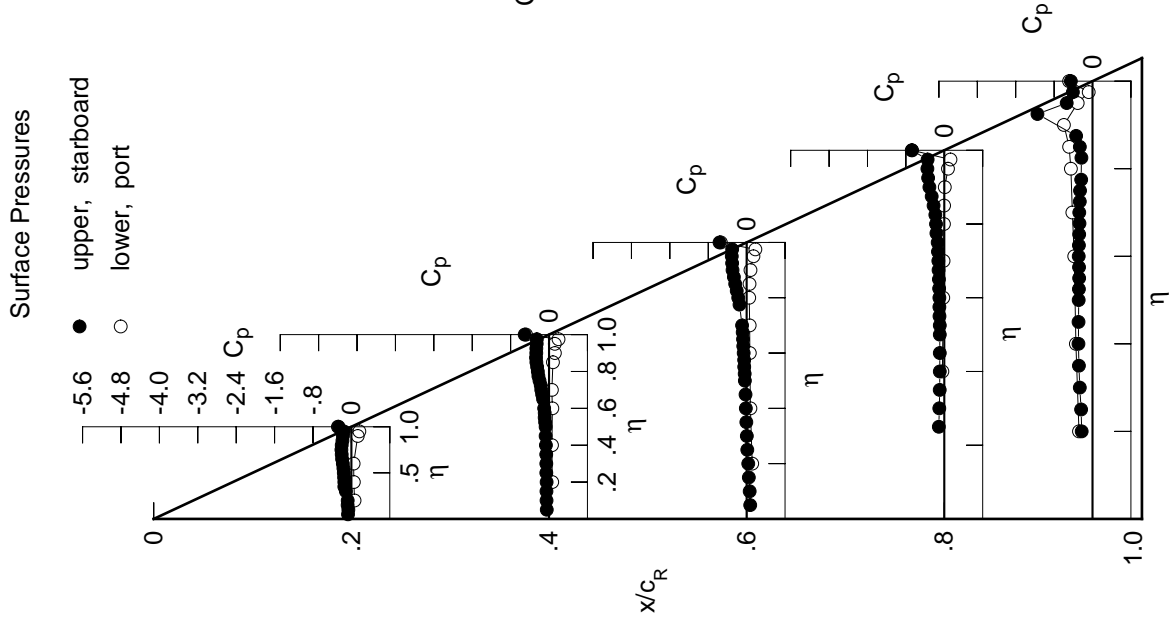


Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0882	-0.0624	0.0642	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0793	-0.0665	0.0516	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0943	-0.0676	0.0381	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0929	-0.0670	0.0219	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0726	0.0041	-0.1187	-0.1187	-0.1187	-0.1187	-0.1187	-0.1187	-0.1187
0.300	-0.0928	-0.0720	-0.0096	-0.1107	-0.1107	-0.1107	-0.1107	-0.1107	-0.1107	-0.1107
0.350	-0.1268	-0.0767	-0.0159	-0.1050	-0.1050	-0.1050	-0.1050	-0.1050	-0.1050	-0.1050
0.400	-0.1815	-0.0862	-0.0304	-0.1006	-0.1006	-0.1006	-0.1006	-0.1006	-0.1006	-0.1006
0.450	-0.1914	-0.0925	-0.0380	-0.1017	-0.1017	-0.1017	-0.1017	-0.1017	-0.1017	-0.1017
0.500	-0.1953	-0.0976	-0.0531	-0.1014	-0.1014	-0.1014	-0.1014	-0.1014	-0.1014	-0.1014
0.525	*****	-0.1074	-0.0581	-0.1042	-0.1042	-0.1042	-0.1042	-0.1042	-0.1042	-0.1042
0.550	-0.2009	-0.1182	-0.0693	-0.1088	-0.1088	-0.1088	-0.1088	-0.1088	-0.1088	-0.1088
0.575	*****	-0.1186	-0.0671	-0.1127	-0.1127	-0.1127	-0.1127	-0.1127	-0.1127	-0.1127
0.600	-0.2117	-0.1315	-0.0809	-0.1132	-0.1132	-0.1132	-0.1132	-0.1132	-0.1132	-0.1132
0.625	*****	*****	-0.0884	-0.1199	-0.1199	-0.1199	-0.1199	-0.1199	-0.1199	-0.1199
0.650	-0.2288	-0.1576	-0.1018	-0.1294	-0.1294	-0.1294	-0.1294	-0.1294	-0.1294	-0.1294
0.675	*****	-0.1764	-0.1063	-0.1383	-0.1383	-0.1383	-0.1383	-0.1383	-0.1383	-0.1383
0.700	-0.2395	-0.1965	-0.1183	-0.1462	-0.1462	-0.1462	-0.1462	-0.1462	-0.1462	-0.1462
0.725	*****	-0.2078	*****	-0.1534	-0.1534	-0.1534	-0.1534	-0.1534	-0.1534	-0.1534
0.750	-0.2507	-0.2325	*****	-0.1655	-0.1655	-0.1655	-0.1655	-0.1655	-0.1655	-0.1655
0.775	*****	-0.2598	-0.1799	-0.1836	-0.1836	-0.1836	-0.1836	-0.1836	-0.1836	-0.1836
0.800	-0.2467	-0.2773	-0.2105	-0.1963	-0.1963	-0.1963	-0.1963	-0.1963	-0.1963	-0.1963
0.825	*****	-0.2956	-0.2449	-0.2164	-0.2164	-0.2164	-0.2164	-0.2164	-0.2164	-0.2164
0.850	-0.2332	-0.3158	-0.2815	-0.2529	-0.2529	-0.2529	-0.2529	-0.2529	-0.2529	-0.2529
0.875	*****	-0.3312	-0.3187	-0.2966	-0.2966	-0.2966	-0.2966	-0.2966	-0.2966	-0.2966
0.900	-0.2199	-0.3326	-0.3542	-0.3493	-0.3493	-0.3493	-0.3493	-0.3493	-0.3493	-0.3493
0.925	*****	-0.3443	-0.3723	-0.3941	-0.3941	-0.3941	-0.3941	-0.3941	-0.3941	-0.3941
0.950	-0.2269	-0.3446	-0.3960	-0.4217	-0.4217	-0.4217	-0.4217	-0.4217	-0.4217	-0.4217
0.975	*****	-0.3596	-0.4131	-0.4499	-0.4499	-0.4499	-0.4499	-0.4499	-0.4499	-0.4499
1.000	-0.4691	-0.8235	-0.9427	-0.9772	-0.9772	-0.9772	-0.9772	-0.9772	-0.9772	-0.9772
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0888	0.0846	0.1300	*****	*****	*****	*****	*****	*****	*****
-0.600	0.0737	0.0882	0.0955	-0.0295	-0.3530	-0.3530	-0.3530	-0.3530	-0.3530	-0.3530
-0.700	0.0757	0.0922	0.0856	-0.0095	-0.3889	-0.3889	-0.3889	-0.3889	-0.3889	-0.3889
-0.800	*****	0.0847	0.0824	-0.0010	-0.4264	-0.4264	-0.4264	-0.4264	-0.4264	-0.4264
-0.850	*****	*****	0.0792	0.0133	-0.4521	-0.4521	-0.4521	-0.4521	-0.4521	-0.4521
-0.900	*****	0.1145	0.0865	0.0197	-0.4839	-0.4839	-0.4839	-0.4839	-0.4839	-0.4839
-0.950	0.1605	0.1516	0.1117	0.0387	-0.5752	-0.5752	-0.5752	-0.5752	-0.5752	-0.5752
-0.975	0.1909	0.1307	0.1672	0.1057	-0.2777	-0.2777	-0.2777	-0.2777	-0.2777	-0.2777
-1.000	*****	0.2016	0.1904	0.1467	-0.0533	-0.0533	-0.0533	-0.0533	-0.0533	-0.0533
-1.000	-0.4835	-0.7919	-0.8538	-0.8542	-0.8542	-0.8542	-0.8542	-0.8542	-0.8542	-0.8542

Small Radius L.E.
 Run No. = 38 , Point No. = 756
 $C_N = 0.183$, $C_m = -0.0323$
 $\alpha = 5.2^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$

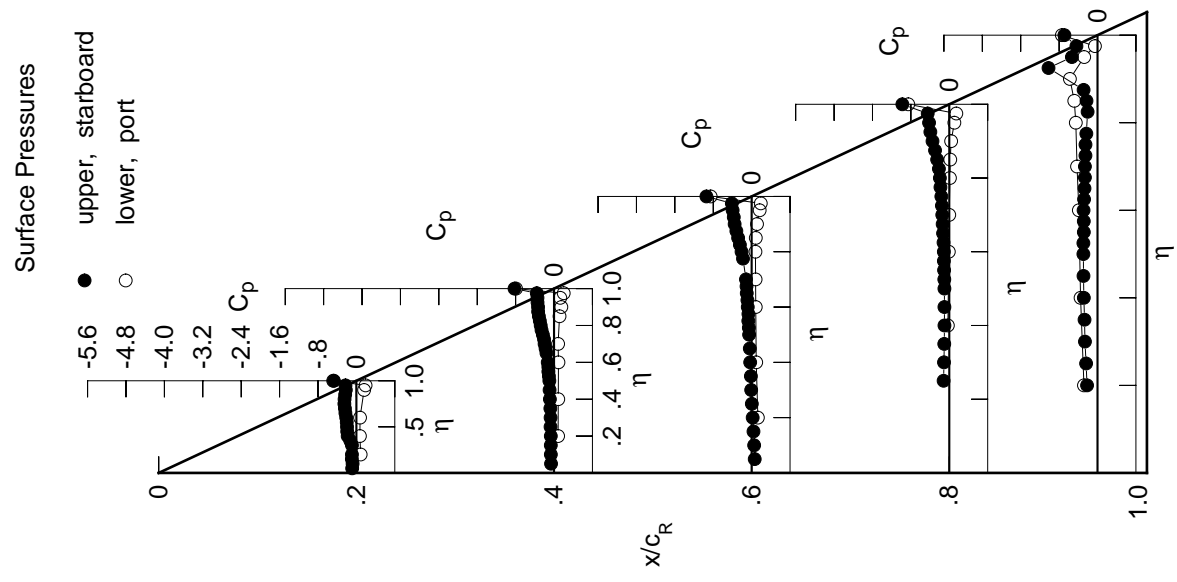
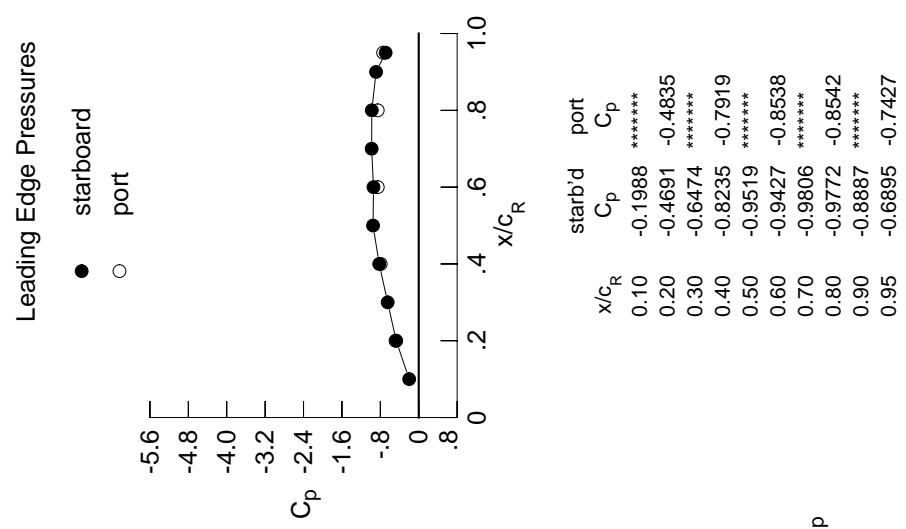


Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1118	-0.0799	0.0504	*****	0.0504	*****	0.0504	*****	0.0504	*****
0.100	-0.1104	-0.0824	0.0420	*****	0.0420	*****	0.0420	*****	0.0420	*****
0.150	-0.1168	-0.0867	0.0242	*****	0.0242	*****	0.0242	*****	0.0242	*****
0.200	-0.1248	-0.0853	0.0100	*****	0.0100	*****	0.0100	*****	0.0100	*****
0.250	*****	-0.0930	-0.0113	-0.1299	-0.1299	-0.2406	-0.2406	-0.2406	-0.2406	-0.2406
0.300	-0.1330	-0.0897	-0.0244	-0.1199	-0.1199	-0.2641	-0.2641	-0.2641	-0.2641	-0.2641
0.350	-0.1546	-0.0983	-0.0333	-0.1158	-0.1158	-0.2770	-0.2770	-0.2770	-0.2770	-0.2770
0.400	-0.1681	-0.1080	-0.0459	-0.1098	-0.1098	-0.2955	-0.2955	-0.2955	-0.2955	-0.2955
0.450	-0.1845	-0.1160	-0.0549	-0.1137	-0.1137	-0.3021	-0.3021	-0.3021	-0.3021	-0.3021
0.500	-0.2012	-0.1255	-0.0729	-0.1155	-0.1155	-0.3052	-0.3052	-0.3052	-0.3052	-0.3052
0.525	*****	-0.1337	-0.0801	-0.1184	-0.1184	-0.2981	-0.2981	-0.2981	-0.2981	-0.2981
0.550	-0.2194	-0.1432	-0.0898	-0.1289	-0.1289	-0.2817	-0.2817	-0.2817	-0.2817	-0.2817
0.575	*****	-0.1478	-0.0935	-0.1371	-0.1371	-0.2742	-0.2742	-0.2742	-0.2742	-0.2742
0.600	-0.2384	-0.1620	-0.1118	-0.1411	-0.1411	-0.2757	-0.2757	-0.2757	-0.2757	-0.2757
0.625	*****	*****	-0.1216	-0.1462	-0.1462	-0.2661	-0.2661	-0.2661	-0.2661	-0.2661
0.650	-0.2604	-0.1891	-0.1310	-0.1526	-0.1526	-0.2627	-0.2627	-0.2627	-0.2627	-0.2627
0.675	*****	-0.2097	-0.1412	-0.1637	-0.1637	-0.2616	-0.2616	-0.2616	-0.2616	-0.2616
0.700	-0.2758	-0.2299	-0.1525	-0.1733	-0.1733	-0.2693	-0.2693	-0.2693	-0.2693	-0.2693
0.725	*****	-0.2458	*****	-0.1802	-0.1802	-0.2699	-0.2699	-0.2699	-0.2699	-0.2699
0.750	-0.2917	-0.2719	*****	-0.1906	-0.1906	-0.2833	-0.2833	-0.2833	-0.2833	-0.2833
0.775	*****	-0.3024	-0.2125	-0.2147	-0.2147	-0.2968	-0.2968	-0.2968	-0.2968	-0.2968
0.800	-0.2945	-0.3276	-0.2427	-0.2249	-0.2249	*****	*****	*****	*****	*****
0.825	*****	-0.3461	-0.2788	-0.2438	-0.2438	-0.3437	-0.3437	-0.3437	-0.3437	-0.3437
0.850	-0.2896	-0.3725	-0.3136	-0.2821	-0.2821	-0.3831	-0.3831	-0.3831	-0.3831	-0.3831
0.875	*****	-0.3955	-0.3566	-0.3252	-0.3252	-0.4497	-0.4497	-0.4497	-0.4497	-0.4497
0.900	-0.2863	-0.4028	-0.3961	-0.3769	-0.3769	*****	*****	*****	*****	*****
0.925	*****	-0.4218	-0.4149	-0.4244	-0.4244	-0.9244	-0.9244	-0.9244	-0.9244	-0.9244
0.950	-0.3018	-0.4351	-0.4805	-0.5324	-0.5324	-0.6148	-0.6148	-0.6148	-0.6148	-0.6148
0.975	*****	-0.4789	-0.7335	-0.7468	-0.7468	-0.5504	-0.5504	-0.5504	-0.5504	-0.5504
1.000	-0.6690	-1.0424	-0.9347	-0.8349	-0.8349	-0.9106	-0.9106	-0.9106	-0.9106	-0.9106
-0.200	$C_{p,l}$	0.1005	0.1011	0.1431	*****	-0.2996	-0.2996	-0.2996	-0.2996	-0.2996
-0.400		0.0973	0.1042	0.1094	-0.0197	-0.3482	-0.3482	-0.3482	-0.3482	-0.3482
-0.600		0.1018	0.1115	0.1013	0.0047	-0.3890	-0.3890	-0.3890	-0.3890	-0.3890
-0.700	*****	0.1078	0.1078	0.1032	0.0116	-0.4173	-0.4173	-0.4173	-0.4173	-0.4173
-0.800	*****	*****	0.1033	0.0311	-0.4245	-0.4245	-0.4245	-0.4245	-0.4245	-0.4245
-0.850	*****	0.1427	0.1141	0.0424	-0.4507	-0.4507	-0.4507	-0.4507	-0.4507	-0.4507
-0.900		0.1862	0.1766	0.1385	0.0669	-0.5338	-0.5338	-0.5338	-0.5338	-0.5338
-0.950		0.2086	0.1370	0.1846	0.1268	-0.2450	-0.2450	-0.2450	-0.2450	-0.2450
-0.975	*****	0.1950	0.1913	0.1543	-0.0377	-0.0377	-0.0377	-0.0377	-0.0377	-0.0377
-1.000		-0.7028	-0.9572	-0.8427	-0.7632	-0.8120	-0.8120	-0.8120	-0.8120	-0.8120

Small Radius L.E.

Run No. = 38 , Point No. = 757

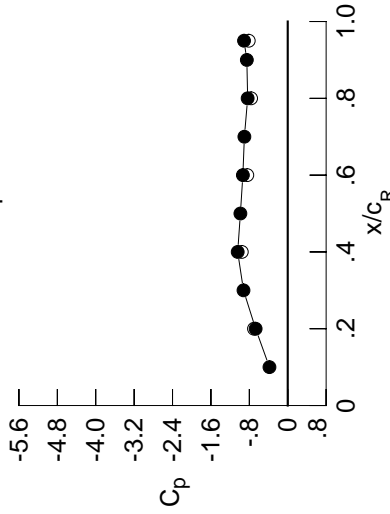
$C_N = 0.229$, $C_m = -0.0413$

$\alpha = 6.3^\circ$, $M_\infty = 0.601$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.3810	*****
0.20	-0.6690	-0.7028
0.30	-0.9216	*****
0.40	-1.0424	-0.9572
0.50	-0.9862	*****
0.60	-0.9347	-0.8427
0.70	-0.9029	*****
0.80	-0.8349	-0.7632
0.90	-0.8519	*****
0.95	-0.9106	-0.8120

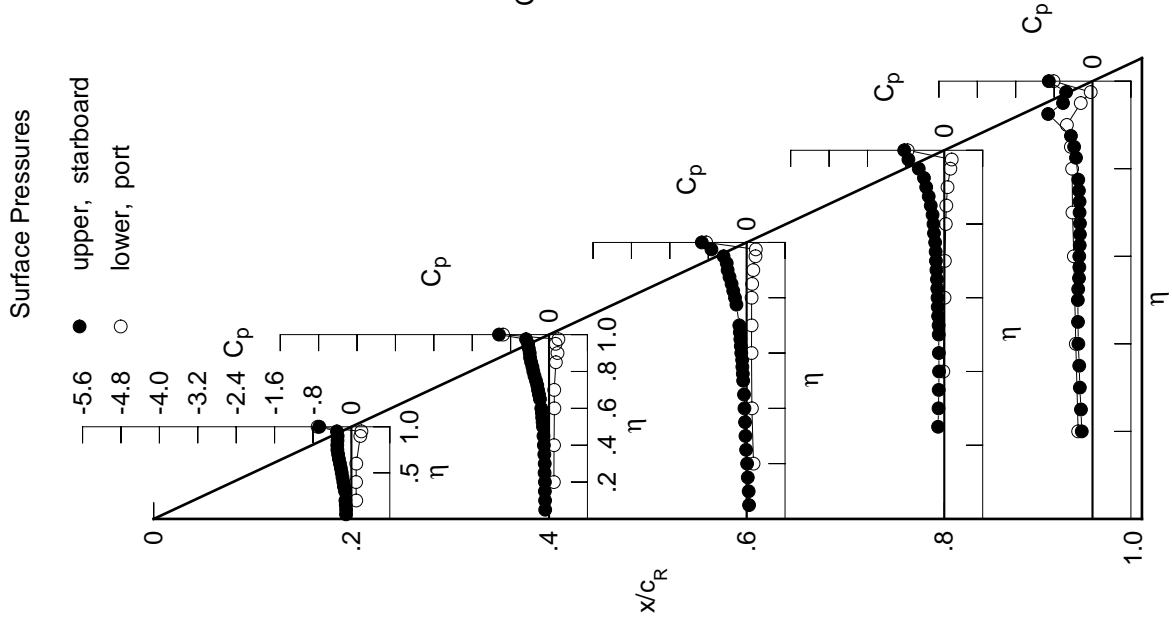


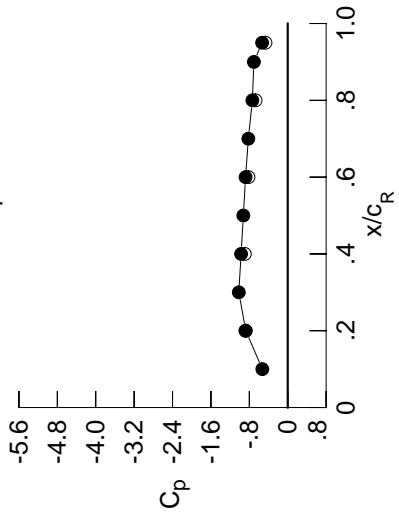
Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1342	-0.0972	0.0372	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1310	-0.0974	0.0308	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1423	-0.1037	0.0089	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1496	-0.1030	-0.0035	*****	*****	*****	*****	*****	*****	-0.2266
0.250	*****	-0.1110	-0.0270	-0.1409	-0.1298	-0.2663	*****	*****	*****	*****
0.300	-0.1612	-0.1114	-0.0365	-0.1298	-0.2663	*****	*****	*****	*****	*****
0.350	-0.1795	-0.1170	-0.0478	-0.1237	-0.2970	*****	*****	*****	*****	*****
0.400	-0.1945	-0.1324	-0.0593	-0.1221	-0.3084	*****	*****	*****	*****	*****
0.450	-0.2117	-0.1425	-0.0784	-0.1371	-0.2709	*****	*****	*****	*****	*****
0.500	-0.2304	-0.1516	-0.1040	-0.1446	-0.2327	*****	*****	*****	*****	*****
0.525	*****	-0.1626	-0.1084	-0.1415	-0.2252	*****	*****	*****	*****	*****
0.550	-0.2496	-0.1758	-0.1203	-0.1477	-0.2198	*****	*****	*****	*****	*****
0.575	*****	-0.1795	-0.1212	-0.1453	-0.2355	*****	*****	*****	*****	*****
0.600	-0.2719	-0.1944	-0.1379	-0.1506	-0.2616	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1460	-0.1533	-0.2829	*****	*****	*****	*****	*****
0.650	-0.3003	-0.2245	-0.1497	-0.1582	-0.2892	*****	*****	*****	*****	*****
0.675	*****	-0.2436	-0.1575	-0.1676	-0.2969	*****	*****	*****	*****	*****
0.700	-0.3160	-0.2601	-0.1686	-0.1726	-0.3181	*****	*****	*****	*****	*****
0.725	*****	-0.2761	*****	-0.1912	-0.3310	*****	*****	*****	*****	*****
0.750	-0.3371	-0.3051	*****	-0.2072	-0.3483	*****	*****	*****	*****	*****
0.775	*****	-0.3359	-0.2273	-0.2294	-0.3577	*****	*****	*****	*****	*****
0.800	-0.3468	-0.3621	-0.2642	-0.2407	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3860	-0.2974	-0.2876	-0.4944	*****	*****	*****	*****	*****
0.850	-0.3492	-0.4140	-0.3197	-0.3519	-0.6104	*****	*****	*****	*****	*****
0.875	*****	-0.4327	-0.3829	-0.4395	-0.6675	*****	*****	*****	*****	*****
0.900	-0.3559	-0.4357	-0.5368	-0.5764	*****	*****	*****	*****	*****	*****
0.925	*****	-0.4890	-0.7302	-0.7064	-0.7045	*****	*****	*****	*****	*****
0.950	-0.3867	-0.6982	-0.8420	-0.7507	-0.6079	*****	*****	*****	*****	*****
0.975	*****	-0.9013	-0.8389	-0.7414	-0.5608	*****	*****	*****	*****	*****
1.000	-0.8740	-0.9714	-0.8785	-0.7366	-0.5336	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1219	0.1204	0.1586	*****	-0.3111	*****	*****	*****	*****	*****
-0.400	0.1153	0.1251	0.1267	-0.0055	-0.3548	*****	*****	*****	*****	*****
-0.600	0.1281	0.1334	0.1201	0.0201	-0.3816	*****	*****	*****	*****	*****
-0.700	*****	0.1331	0.1226	0.0314	-0.3726	*****	*****	*****	*****	*****
-0.800	*****	*****	0.1267	0.0544	-0.3662	*****	*****	*****	*****	*****
-0.850	*****	0.1687	0.1380	0.0647	-0.3973	*****	*****	*****	*****	*****
-0.900	0.2078	0.2001	0.1642	0.0913	-0.4700	*****	*****	*****	*****	*****
-0.950	0.2265	0.1412	0.2000	0.1473	-0.2050	*****	*****	*****	*****	*****
-0.975	*****	0.1853	0.1898	0.1620	-0.0158	*****	*****	*****	*****	*****
-1.000	-0.8825	-0.8936	-0.8182	-0.6705	-0.4632	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 38 , Point No. = 758
 $C_N = 0.286$, $C_m = -0.0563$
 $\alpha = 7.3^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.5285	*****
0.20	-0.8740	-0.8825
0.30	-1.0191	*****
0.40	-0.9714	-0.8936
0.50	-0.9244	*****
0.60	-0.8785	-0.8182
0.70	-0.8209	*****
0.80	-0.7366	-0.6705
0.90	-0.7050	*****
0.95	-0.5336	-0.4632

Surface Pressures

● upper, starboard
 ○ lower, port

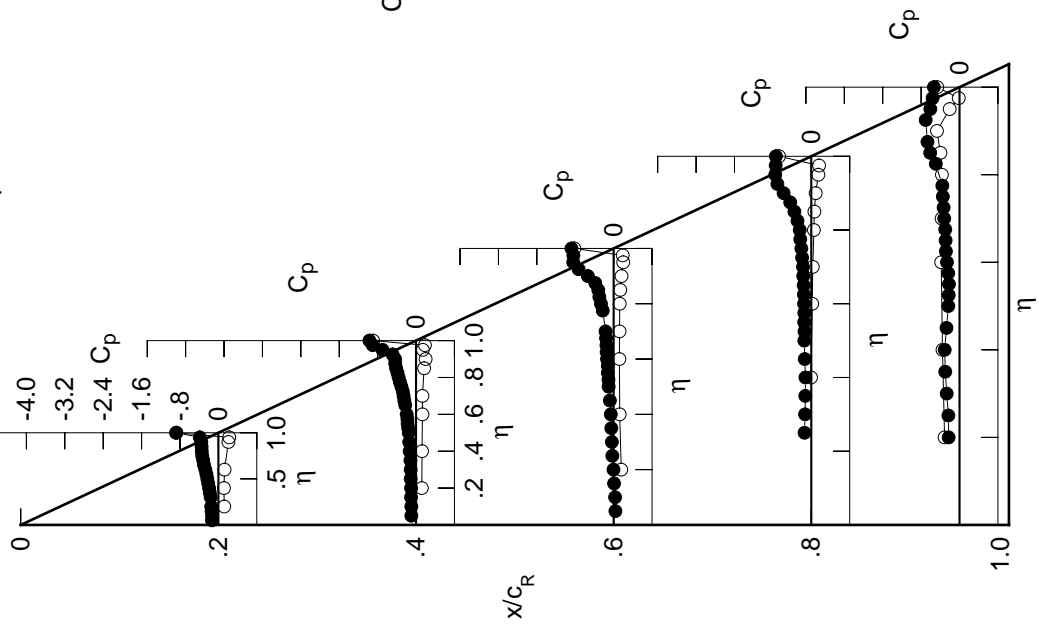


Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1537	-0.1132	0.0236	0.0236	0.0236	0.0236	0.0236	0.0236	0.0236	0.0236
0.100	-0.1557	-0.1168	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121
0.150	-0.1679	-0.1247	-0.0061	-0.0061	-0.0061	-0.0061	-0.0061	-0.0061	-0.0061	-0.0061
0.200	-0.1739	-0.1222	-0.0190	-0.0190	-0.0190	-0.0190	-0.0190	-0.0190	-0.0190	-0.0190
0.250	*****	-0.1328	-0.0374	-0.1488	-0.1488	-0.1488	-0.1488	-0.1488	-0.1488	-0.1488
0.300	-0.1859	-0.1323	-0.0535	-0.1384	-0.1384	-0.1384	-0.1384	-0.1384	-0.1384	-0.1384
0.350	-0.2049	-0.1417	-0.0694	-0.1441	-0.1441	-0.1441	-0.1441	-0.1441	-0.1441	-0.1441
0.400	-0.2216	-0.1584	-0.0958	-0.1502	-0.1502	-0.1502	-0.1502	-0.1502	-0.1502	-0.1502
0.450	-0.2388	-0.1747	-0.1074	-0.1440	-0.1440	-0.1440	-0.1440	-0.1440	-0.1440	-0.1440
0.500	-0.2602	-0.1839	-0.1200	-0.1414	-0.1414	-0.1414	-0.1414	-0.1414	-0.1414	-0.1414
0.525	*****	-0.1949	-0.1187	-0.1392	-0.1392	-0.1392	-0.1392	-0.1392	-0.1392	-0.1392
0.550	-0.2825	-0.2028	-0.1275	-0.1419	-0.1419	-0.1419	-0.1419	-0.1419	-0.1419	-0.1419
0.575	*****	-0.2053	-0.1245	-0.1382	-0.1382	-0.1382	-0.1382	-0.1382	-0.1382	-0.1382
0.600	-0.3062	-0.2171	-0.1388	-0.1389	-0.1389	-0.1389	-0.1389	-0.1389	-0.1389	-0.1389
0.625	*****	*****	-0.1423	-0.1404	-0.1404	-0.1404	-0.1404	-0.1404	-0.1404	-0.1404
0.650	-0.3341	-0.2441	-0.1544	-0.1399	-0.1399	-0.1399	-0.1399	-0.1399	-0.1399	-0.1399
0.675	*****	-0.2682	-0.1593	-0.1389	-0.1389	-0.1389	-0.1389	-0.1389	-0.1389	-0.1389
0.700	-0.3593	-0.2848	-0.1631	-0.1279	-0.1279	-0.1279	-0.1279	-0.1279	-0.1279	-0.1279
0.725	*****	-0.3013	*****	-0.1271	-0.1271	-0.1271	-0.1271	-0.1271	-0.1271	-0.1271
0.750	-0.3870	-0.3278	*****	-0.1966	-0.1966	-0.1966	-0.1966	-0.1966	-0.1966	-0.1966
0.775	*****	-0.3552	-0.2051	-0.4004	-0.4004	-0.4004	-0.4004	-0.4004	-0.4004	-0.4004
0.800	-0.3999	-0.3703	-0.3383	-0.6041	-0.6041	-0.6041	-0.6041	-0.6041	-0.6041	-0.6041
0.825	*****	-0.3820	-0.5444	-0.7323	-0.7323	-0.7323	-0.7323	-0.7323	-0.7323	-0.7323
0.850	-0.4125	-0.4107	-0.7150	-0.7561	-0.7561	-0.7561	-0.7561	-0.7561	-0.7561	-0.7561
0.875	*****	-0.5532	-0.8176	-0.7362	-0.7362	-0.7362	-0.7362	-0.7362	-0.7362	-0.7362
0.900	-0.4274	-0.7836	-0.8598	-0.7036	-0.7036	-0.7036	-0.7036	-0.7036	-0.7036	-0.7036
0.925	*****	-0.9383	-0.8308	-0.6618	-0.6618	-0.6618	-0.6618	-0.6618	-0.6618	-0.6618
0.950	-0.5138	-0.9712	-0.8085	-0.6356	-0.6356	-0.6356	-0.6356	-0.6356	-0.6356	-0.6356
0.975	*****	-0.9389	-0.7835	-0.6232	-0.6232	-0.6232	-0.6232	-0.6232	-0.6232	-0.6232
1.000	-1.0128	-0.9563	-0.8175	-0.6207	-0.6207	-0.6207	-0.6207	-0.6207	-0.6207	-0.6207
$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1463	0.1395	0.1766	0.1766	0.1766	0.1766	0.1766	0.1766	0.1766	0.1766
-0.400	0.1401	0.1462	0.1410	0.0068	-0.3750	-0.3750	-0.3750	-0.3750	-0.3750	-0.3750
-0.600	0.1547	0.1580	0.1403	0.0375	-0.3482	-0.3482	-0.3482	-0.3482	-0.3482	-0.3482
-0.700	*****	0.1580	0.1447	0.0490	-0.3401	-0.3401	-0.3401	-0.3401	-0.3401	-0.3401
-0.800	*****	*****	0.1497	0.0700	-0.3530	-0.3530	-0.3530	-0.3530	-0.3530	-0.3530
-0.850	*****	0.1936	0.1606	0.0857	-0.3920	-0.3920	-0.3920	-0.3920	-0.3920	-0.3920
-0.900	0.2300	0.2206	0.1870	0.1117	-0.4589	-0.4589	-0.4589	-0.4589	-0.4589	-0.4589
-0.950	0.2406	0.1405	0.2110	0.1620	-0.1881	-0.1881	-0.1881	-0.1881	-0.1881	-0.1881
-0.975	*****	0.1735	0.1860	0.1645	-0.0051	-0.0051	-0.0051	-0.0051	-0.0051	-0.0051
-1.000	-0.9214	-0.9079	-0.7824	-0.6026	-0.4110	-0.4110	-0.4110	-0.4110	-0.4110	-0.4110

Small Radius L.E.

Run No. = 38 , Point No. = 759

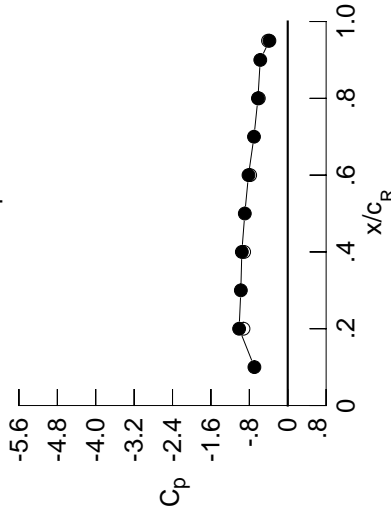
$C_N = 0.334$, $C_m = -0.0599$

$\alpha = 8.3^\circ$, $M_\infty = 0.600$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.6941	*****
0.20	-1.0128	-0.9214
0.30	-0.9771	*****
0.40	-0.9563	-0.9079
0.50	-0.8942	*****
0.60	-0.8175	-0.7824
0.70	-0.7031	*****
0.80	-0.6207	-0.6026
0.90	-0.5724	*****
0.95	-0.3818	-0.4110

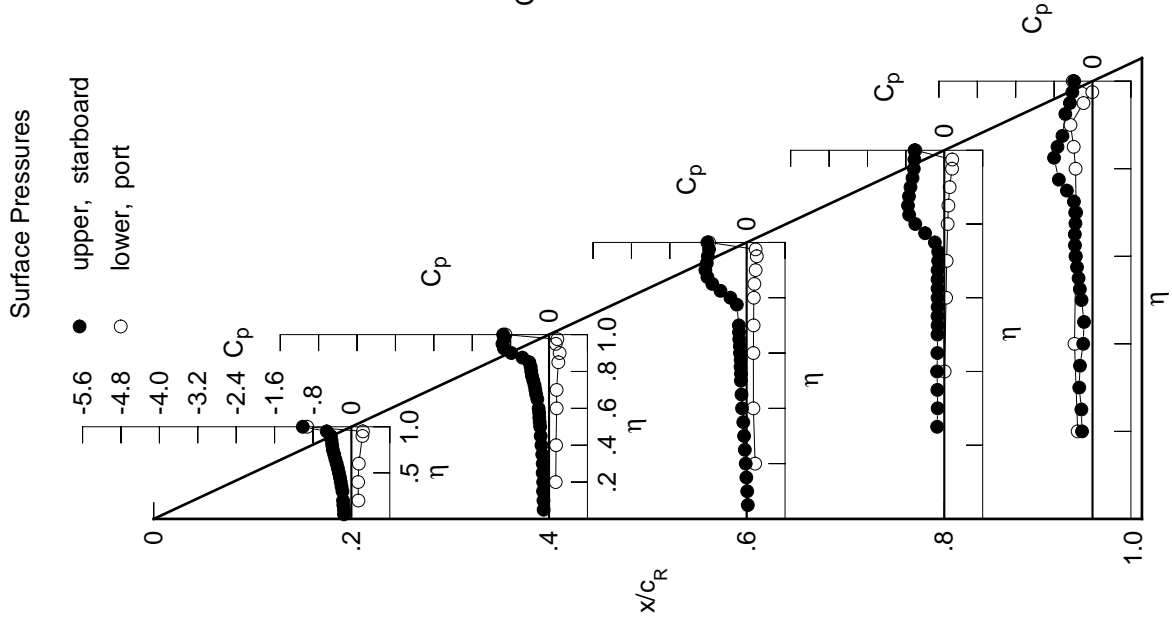
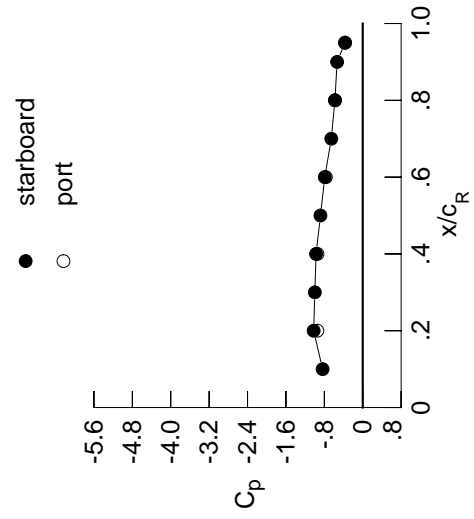


Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1739	-0.1362	0.0067	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1778	-0.1396	-0.0044	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1937	-0.1455	-0.0228	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2033	-0.1437	-0.0349	*****	*****	*****	*****	*****	*****	-0.2535
0.250	*****	-0.1530	-0.0574	-0.1626	-0.1626	-0.1626	-0.1626	-0.1626	-0.1626	-0.2595
0.300	-0.2171	-0.1607	-0.0874	-0.1633	-0.1633	-0.1633	-0.1633	-0.1633	-0.1633	-0.2374
0.350	-0.2349	-0.1816	-0.1065	-0.1654	-0.1654	-0.1654	-0.1654	-0.1654	-0.1654	-0.1512
0.400	-0.2541	-0.1977	-0.1098	-0.1460	-0.1460	-0.1460	-0.1460	-0.1460	-0.1460	-0.1758
0.450	-0.2745	-0.1981	-0.1111	-0.1433	-0.1433	-0.1433	-0.1433	-0.1433	-0.1433	-0.2440
0.500	-0.2960	-0.2012	-0.1235	-0.1399	-0.1399	-0.1399	-0.1399	-0.1399	-0.1399	-0.3066
0.525	*****	-0.2075	-0.1245	-0.1363	-0.1363	-0.1363	-0.1363	-0.1363	-0.1363	-0.3339
0.550	-0.3189	-0.2177	-0.1340	-0.1401	-0.1401	-0.1401	-0.1401	-0.1401	-0.1401	-0.3478
0.575	*****	-0.2172	-0.1294	-0.1353	-0.1353	-0.1353	-0.1353	-0.1353	-0.1353	-0.3672
0.600	-0.3451	-0.2291	-0.1425	-0.1289	-0.1289	-0.1289	-0.1289	-0.1289	-0.1289	-0.3827
0.625	*****	*****	-0.1413	-0.1200	-0.1200	-0.1200	-0.1200	-0.1200	-0.1200	-0.3786
0.650	-0.3738	-0.2530	-0.1430	-0.1090	-0.1090	-0.1090	-0.1090	-0.1090	-0.1090	-0.3689
0.675	*****	-0.2764	-0.1377	-0.0955	-0.0955	-0.0955	-0.0955	-0.0955	-0.0955	-0.3487
0.700	-0.4000	-0.2924	-0.1239	-0.1058	-0.1058	-0.1058	-0.1058	-0.1058	-0.1058	-0.3959
0.725	*****	-0.2959	*****	-0.2153	-0.2153	-0.2153	-0.2153	-0.2153	-0.2153	-0.5542
0.750	-0.4310	-0.2990	*****	-0.4976	-0.4976	-0.4976	-0.4976	-0.4976	-0.4976	-0.7821
0.775	*****	-0.3138	-0.6109	-0.8027	-0.8027	-0.8027	-0.8027	-0.8027	-0.8027	-0.9263
0.800	-0.4403	-0.4377	-0.8831	-0.9411	-0.9411	-0.9411	-0.9411	-0.9411	-0.9411	*****
0.825	*****	-0.6862	-0.9760	-0.9897	-0.9897	-0.9897	-0.9897	-0.9897	-0.9897	-0.7834
0.850	-0.4477	-0.9066	-0.9673	-0.9112	-0.9112	-0.9112	-0.9112	-0.9112	-0.9112	-0.5912
0.875	*****	-1.0156	-0.9304	-0.7498	-0.7498	-0.7498	-0.7498	-0.7498	-0.7498	-0.5521
0.900	-0.5557	-1.0240	-0.8606	-0.6821	-0.6821	-0.6821	-0.6821	-0.6821	-0.6821	*****
0.925	*****	-1.0120	-0.8031	-0.6404	-0.6404	-0.6404	-0.6404	-0.6404	-0.6404	-0.5358
0.950	-0.9025	-0.9754	-0.7815	-0.6034	-0.6034	-0.6034	-0.6034	-0.6034	-0.6034	-0.4484
0.975	*****	-0.9561	-0.7640	-0.5908	-0.5908	-0.5908	-0.5908	-0.5908	-0.5908	-0.3975
1.000	-1.0225	-0.9720	-0.7906	-0.5795	-0.5795	-0.5795	-0.5795	-0.5795	-0.5795	-0.3684
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1697	0.1644	0.1894	*****	*****	*****	*****	*****	*****	-0.2990
-0.400	0.1647	0.1671	0.1615	0.0209	0.0209	0.0209	0.0209	0.0209	0.0209	-0.3748
-0.600	0.1831	0.1783	0.1584	0.0491	0.0491	0.0491	0.0491	0.0491	0.0491	-0.3414
-0.700	*****	0.1816	0.1637	0.0622	0.0622	0.0622	0.0622	0.0622	0.0622	-0.3456
-0.800	*****	*****	0.1704	0.0859	0.0859	0.0859	0.0859	0.0859	0.0859	-0.3745
-0.850	*****	0.2172	0.1819	0.1018	0.1018	0.1018	0.1018	0.1018	0.1018	-0.4102
-0.900	0.2489	0.2378	0.2063	0.1272	0.1272	0.1272	0.1272	0.1272	0.1272	-0.4551
-0.950	0.2519	0.1377	0.2179	0.1707	0.1707	0.1707	0.1707	0.1707	0.1707	-0.1829
-0.975	*****	0.1566	0.1788	0.1633	0.1633	0.1633	0.1633	0.1633	0.1633	-0.0027
-1.000	-0.9457	-0.9431	-0.7683	-0.5767	-0.5767	-0.5767	-0.5767	-0.5767	-0.5767	-0.3687

Small Radius L.E.
 Run No. = 38 , Point No. = 760
 $C_N = 0.389$, $C_m = -0.0691$
 $\alpha = 9.3^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.8361	*****
0.20	-1.0225	-0.9457
0.30	-0.9976	*****
0.40	-0.9720	-0.9431
0.50	-0.8804	*****
0.60	-0.7906	-0.7683
0.70	-0.6545	*****
0.80	-0.5795	-0.5767
0.90	-0.5339	*****
0.95	-0.3684	-0.3687

Surface Pressures

● upper, starboard
 ○ lower, port

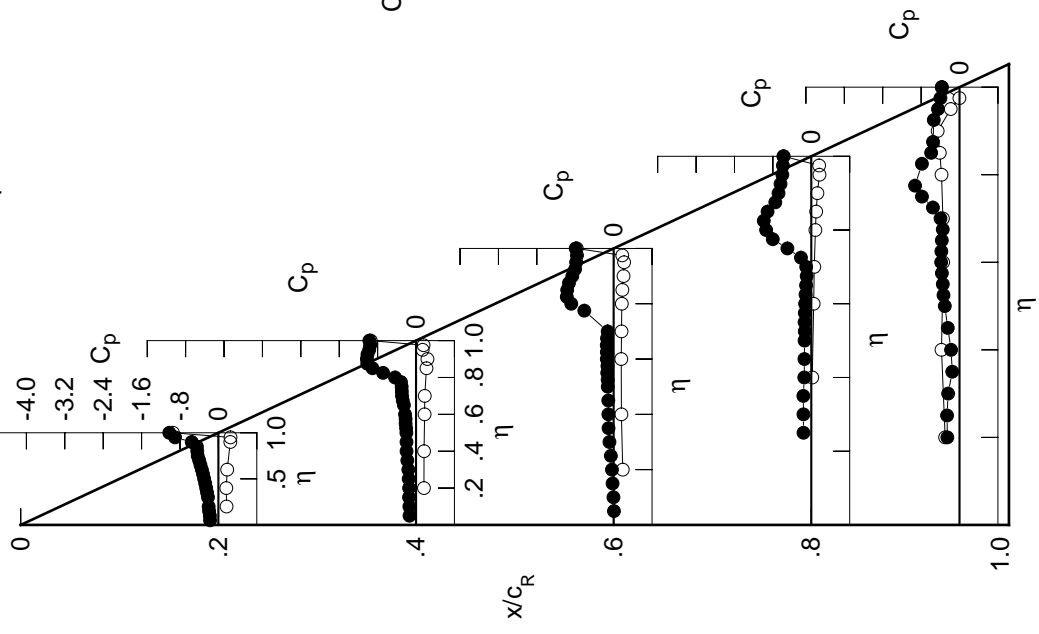
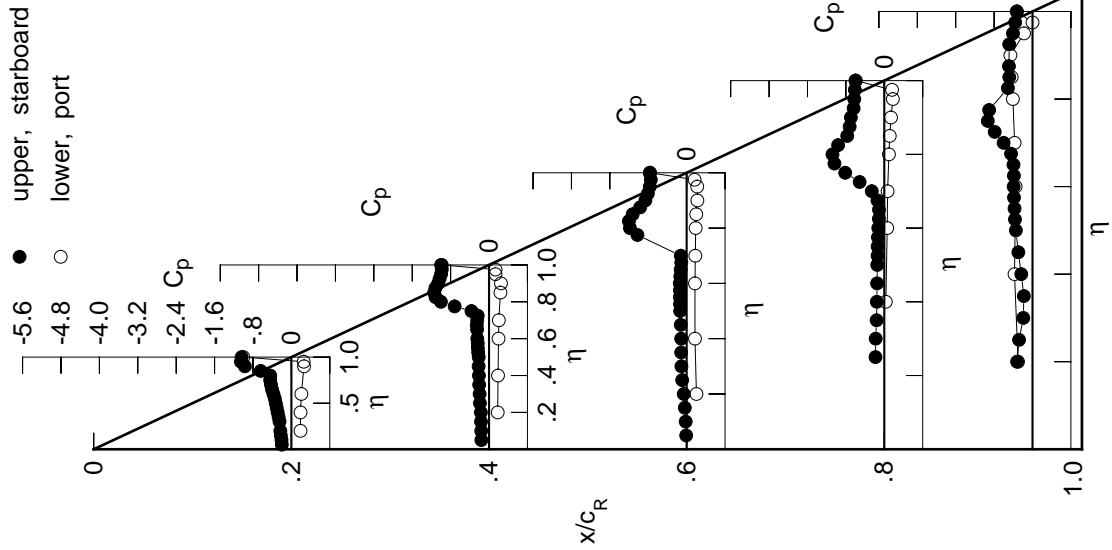


Table D2. Continued.

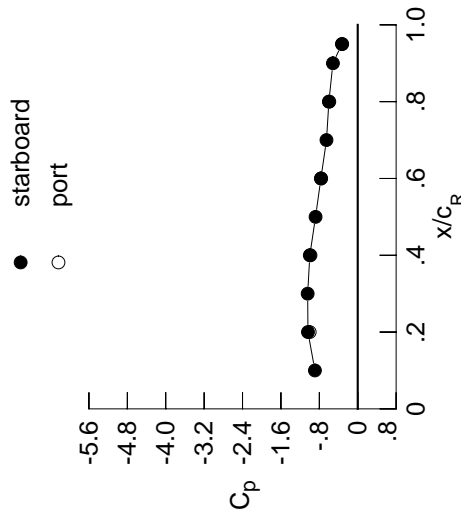
η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1989	-0.1601	-0.0097	*****	*****
0.100	-0.2054	-0.1626	-0.0197	*****	*****
0.150	-0.2203	-0.1668	-0.0384	*****	*****
0.200	-0.2304	-0.1701	-0.0598	*****	-0.3211
0.250	*****	-0.1899	-0.0924	-0.1835	-0.2798
0.300	-0.2475	-0.1962	-0.1089	-0.1795	-0.1908
0.350	-0.2663	-0.2058	-0.1132	-0.1601	-0.1812
0.400	-0.2857	-0.2102	-0.1135	-0.1557	-0.2342
0.450	-0.3061	-0.2170	-0.1228	-0.1496	-0.2954
0.500	-0.3257	-0.2149	-0.1348	-0.1463	-0.3467
0.525	*****	-0.2253	-0.1379	-0.1401	-0.3659
0.550	-0.3458	-0.2331	-0.1415	-0.1390	-0.3741
0.575	*****	-0.2351	-0.1398	-0.1329	-0.3853
0.600	-0.3742	-0.2445	-0.1431	-0.1244	-0.3925
0.625	*****	*****	-0.1316	-0.1130	-0.3881
0.650	-0.4044	-0.2486	-0.1240	-0.1113	-0.3960
0.675	*****	-0.2561	-0.1120	-0.1421	-0.4469
0.700	-0.4254	-0.2466	-0.1220	-0.2605	-0.6025
0.725	*****	-0.2358	*****	-0.5138	-0.7878
0.750	-0.4416	-0.3663	*****	-0.8144	-0.9317
0.775	*****	-0.7166	-1.0245	-1.0387	-0.9035
0.800	-0.4410	-1.0021	-1.1809	-1.0791	*****
0.825	*****	-1.1138	-1.2033	-0.9616	-0.5130
0.850	-0.6388	-1.1423	-1.1244	-0.7724	-0.4844
0.875	*****	-1.1169	-0.9677	-0.7216	-0.4912
0.900	-0.9695	-1.0601	-0.8599	-0.6959	*****
0.925	*****	-1.0294	-0.8082	-0.6383	-0.4853
0.950	-1.0513	-0.9995	-0.7674	-0.6259	-0.4073
0.975	*****	-0.9849	-0.7466	-0.6138	-0.3616
1.000	-1.0370	-0.9981	-0.7674	-0.6008	-0.3292
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1899	0.1805	0.2039	*****	-0.3013
-0.400	0.1902	0.1875	0.1735	0.0318	-0.3742
-0.600	0.2078	0.1985	0.1734	0.0613	-0.3527
-0.700	*****	0.2038	0.1809	0.0689	-0.3726
-0.800	*****	*****	0.1884	0.0965	-0.4088
-0.850	*****	0.2378	0.1998	0.1144	-0.4346
-0.900	0.2634	0.2492	0.2235	0.1397	-0.4611
-0.950	0.2568	0.1346	0.2209	0.1785	-0.1771
-0.975	*****	0.1349	0.1659	0.1613	0.0002
-1.000	-1.0007	-0.9847	-0.7619	-0.5932	-0.3239

Surface Pressures



Small Radius L.E.
 Run No. = 38, Point No. = 761
 $C_N = 0.443$, $C_m = -0.0787$
 $\alpha = 10.4^\circ$, $M_\infty = 0.601$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



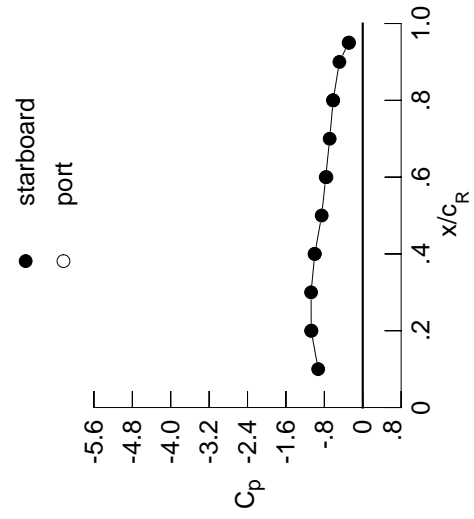
x/c_R	starb'd C_p	port C_p
0.10	-0.8917	*****
0.20	-1.0370	-1.0007
0.30	-1.0429	*****
0.40	-0.9981	-0.9847
0.50	-0.8787	*****
0.60	-0.7674	-0.7619
0.70	-0.6508	*****
0.80	-0.6008	-0.5932
0.90	-0.5171	*****
0.95	-0.3292	-0.3239

Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2196	-0.1804	-0.0239	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2263	-0.1832	-0.0337	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2460	-0.1892	-0.0547	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2598	-0.2029	-0.0842	*****	*****	*****	*****	*****	*****	-0.2743
0.250	*****	-0.2163	-0.0994	-0.1894	-0.1917	*****	*****	*****	*****	-0.1917
0.300	-0.2702	-0.2120	-0.1098	-0.1713	-0.1637	*****	*****	*****	*****	-0.1637
0.350	-0.2819	-0.2103	-0.1148	-0.1645	-0.2010	*****	*****	*****	*****	-0.2010
0.400	-0.3055	-0.2191	-0.1229	-0.1547	-0.2663	*****	*****	*****	*****	-0.2663
0.450	-0.3286	-0.2257	-0.1303	-0.1513	-0.3263	*****	*****	*****	*****	-0.3263
0.500	-0.3491	-0.2300	-0.1460	-0.1451	-0.3653	*****	*****	*****	*****	-0.3653
0.525	*****	-0.2351	-0.1412	-0.1392	-0.3780	*****	*****	*****	*****	-0.3780
0.550	-0.3703	-0.2416	-0.1421	-0.1372	-0.3780	*****	*****	*****	*****	-0.3780
0.575	*****	-0.2381	-0.1324	-0.1329	-0.3876	*****	*****	*****	*****	-0.3876
0.600	-0.3945	-0.2366	-0.1343	-0.1317	-0.3991	*****	*****	*****	*****	-0.3991
0.625	*****	*****	-0.1229	-0.1509	-0.4284	*****	*****	*****	*****	-0.4284
0.650	-0.4145	-0.2120	-0.1268	-0.2103	-0.5056	*****	*****	*****	*****	-0.5056
0.675	*****	-0.1991	-0.1700	-0.3568	-0.6347	*****	*****	*****	*****	-0.6347
0.700	-0.4010	-0.2447	-0.3374	-0.5909	-0.8141	*****	*****	*****	*****	-0.8141
0.725	*****	-0.5344	*****	-0.8521	-0.9371	*****	*****	*****	*****	-0.9371
0.750	-0.3785	-0.9807	*****	-1.0532	-0.9232	*****	*****	*****	*****	-0.9232
0.775	*****	-1.2389	-1.2832	-1.1039	-0.6984	*****	*****	*****	*****	-0.6984
0.800	-0.7504	-1.3102	-1.3630	-0.9188	*****	*****	*****	*****	*****	-0.9188
0.825	*****	-1.2894	-1.2843	-0.7886	-0.4516	*****	*****	*****	*****	-0.4516
0.850	-1.1039	-1.2337	-1.0160	-0.7739	-0.4394	*****	*****	*****	*****	-0.4394
0.875	*****	-1.1520	-0.8933	-0.7442	-0.4511	*****	*****	*****	*****	-0.4511
0.900	-1.1164	-1.0688	-0.8794	-0.6914	*****	*****	*****	*****	*****	-0.6914
0.925	*****	-1.0336	-0.8124	-0.6506	-0.4489	*****	*****	*****	*****	-0.4489
0.950	-1.0833	-1.0073	-0.7793	-0.6460	-0.3661	*****	*****	*****	*****	-0.3661
0.975	*****	-0.9900	-0.7584	-0.6298	-0.3228	*****	*****	*****	*****	-0.3228
1.000	-1.0736	-0.9991	-0.7707	-0.6159	-0.2933	*****	*****	*****	*****	-0.2933
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2169	0.2051	0.2215	*****	*****	*****	*****	*****	*****	-0.3097
-0.600	0.2159	0.2073	0.1927	0.0412	-0.3761	*****	*****	*****	*****	-0.3761
-0.700	0.2351	0.2230	0.1910	0.0716	-0.3640	*****	*****	*****	*****	-0.3640
-0.800	*****	0.2275	0.1987	0.0848	-0.4041	*****	*****	*****	*****	-0.4041
-0.850	*****	*****	0.2086	0.1091	-0.4380	*****	*****	*****	*****	-0.4380
-0.900	0.2797	0.2632	0.2179	0.1298	-0.4527	*****	*****	*****	*****	-0.4527
-0.950	0.2649	0.1332	0.2365	0.1536	-0.4661	*****	*****	*****	*****	-0.4661
-0.975	*****	0.1155	0.2248	0.1854	-0.1712	*****	*****	*****	*****	-0.1712
-1.000	-1.0695	-1.0030	-0.7556	-0.6185	-0.2853	*****	*****	*****	*****	-0.2853

Small Radius L.E.
 Run No. = 38 , Point No. = 762
 $C_N = 0.482$, $C_m = -0.0769$
 $\alpha = 11.4^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.9281	*****
0.20	-1.0736	-1.0695
0.30	-1.0760	*****
0.40	-0.9991	-1.0030
0.50	-0.8550	*****
0.60	-0.7707	-0.7556
0.70	-0.6885	*****
0.80	-0.6159	-0.6185
0.90	-0.4865	*****
0.95	-0.2933	-0.2853

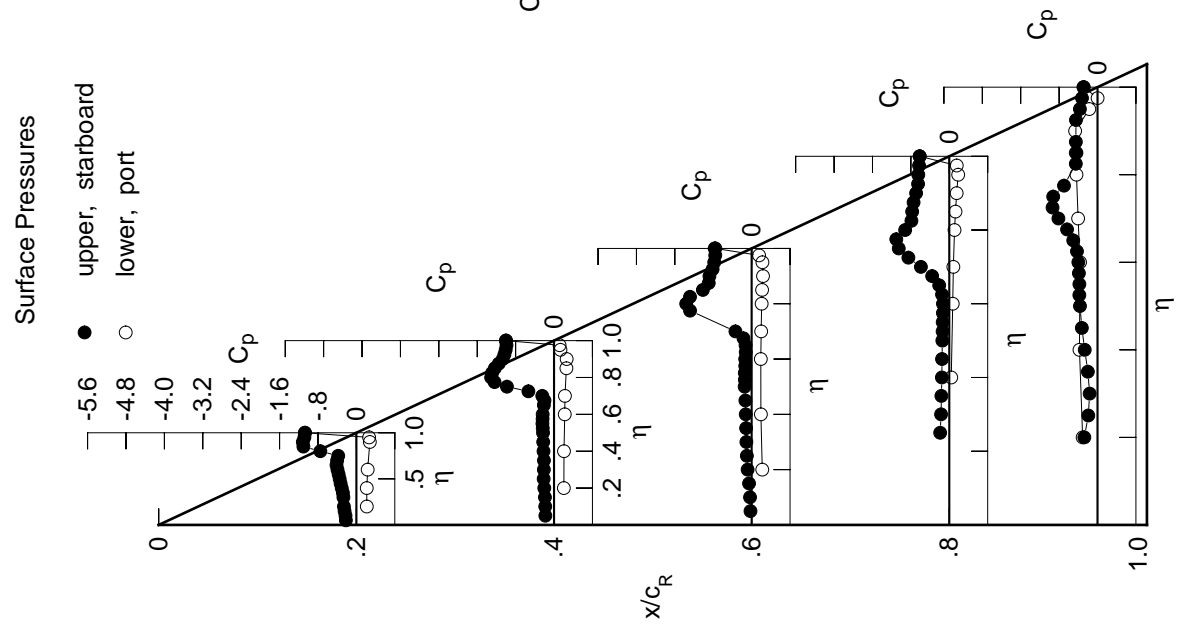


Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2415	-0.2055	-0.0405	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2490	-0.2064	-0.0528	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2779	-0.2206	-0.0785	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2863	-0.2263	-0.0968	*****	*****	*****	*****	*****	*****	-0.2560
0.250	*****	-0.2323	-0.1096	-0.1919	-0.1919	-0.1953	*****	*****	*****	*****
0.300	-0.2878	-0.2293	-0.1231	-0.1800	-0.1800	-0.1971	*****	*****	*****	*****
0.350	-0.3011	-0.2304	-0.1312	-0.1717	-0.1717	-0.2402	*****	*****	*****	*****
0.400	-0.3251	-0.2377	-0.1418	-0.1593	-0.1593	-0.2981	*****	*****	*****	*****
0.450	-0.3542	-0.2459	-0.1429	-0.1573	-0.1573	-0.3437	*****	*****	*****	*****
0.500	-0.3745	-0.2524	-0.1552	-0.1449	-0.1449	-0.3709	*****	*****	*****	*****
0.525	*****	-0.2517	-0.1519	-0.1419	-0.1419	-0.3823	*****	*****	*****	*****
0.550	-0.3881	-0.2559	-0.1516	-0.1417	-0.1417	-0.3839	*****	*****	*****	*****
0.575	*****	-0.2381	-0.1419	-0.1478	-0.1478	-0.4014	*****	*****	*****	*****
0.600	-0.4005	-0.2291	-0.1527	-0.1779	-0.1779	-0.4408	*****	*****	*****	*****
0.625	*****	*****	-0.1658	-0.2492	-0.2492	-0.5190	*****	*****	*****	*****
0.650	-0.3932	-0.2049	-0.2416	-0.3902	-0.3902	-0.6433	*****	*****	*****	*****
0.675	*****	-0.2845	-0.4065	-0.6060	-0.6060	-0.7850	*****	*****	*****	*****
0.700	-0.3366	-0.5902	-0.6794	-0.8546	-0.8546	-0.9302	*****	*****	*****	*****
0.725	*****	-1.0218	*****	-1.0637	-0.9700	*****	*****	*****	*****	*****
0.750	-0.6621	-1.3363	*****	-1.1607	-0.8385	*****	*****	*****	*****	*****
0.775	*****	-1.4707	-1.4081	-1.0891	-0.5490	*****	*****	*****	*****	*****
0.800	-1.2070	-1.4702	-1.3524	-0.8556	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4060	-1.0987	-0.7798	-0.4285	*****	*****	*****	*****	*****
0.850	-1.2541	-1.3072	-0.9460	-0.7784	-0.4150	*****	*****	*****	*****	*****
0.875	*****	-1.1911	-0.9280	-0.7549	-0.4287	*****	*****	*****	*****	*****
0.900	-1.1416	-1.1091	-0.9106	-0.7121	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0725	-0.8484	-0.6725	-0.4382	*****	*****	*****	*****	*****
0.950	-1.1650	-1.0373	-0.8320	-0.6592	-0.3470	*****	*****	*****	*****	*****
0.975	*****	-1.0133	-0.8096	-0.6415	-0.3062	*****	*****	*****	*****	*****
1.000	-1.1414	-1.0085	-0.8103	-0.6258	-0.2722	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2407	0.2239	0.2390	*****	*****	-0.3292	*****	*****	*****	*****
-0.600	0.2433	0.2296	0.2095	0.0527	-0.3705	*****	*****	*****	*****	*****
-0.700	0.2616	0.2449	0.2086	0.0851	-0.3779	*****	*****	*****	*****	*****
-0.800	*****	0.2507	0.2149	0.0982	-0.4272	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2259	0.1258	-0.4553	*****	*****	*****	*****	*****
-0.900	*****	0.2750	0.2350	0.1462	-0.4639	*****	*****	*****	*****	*****
-0.950	0.2934	0.2738	0.2505	0.1686	-0.4638	*****	*****	*****	*****	*****
-0.975	0.2681	0.1307	0.2222	0.1917	-0.1633	*****	*****	*****	*****	*****
-1.000	*****	0.0968	0.1368	0.1494	0.0026	*****	*****	*****	*****	*****
	-1.1434	-1.0072	-0.7933	-0.6254	-0.2665	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 38 , Point No. = 763
 $C_N = 0.537$, $C_m = -0.0860$
 $\alpha = 12.4^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$

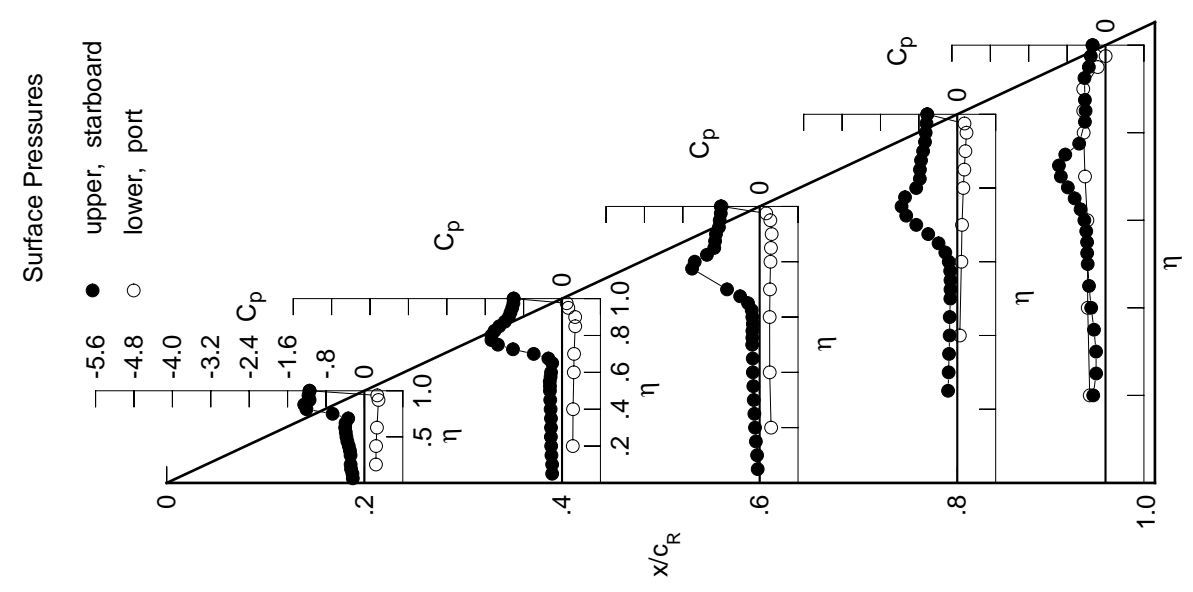
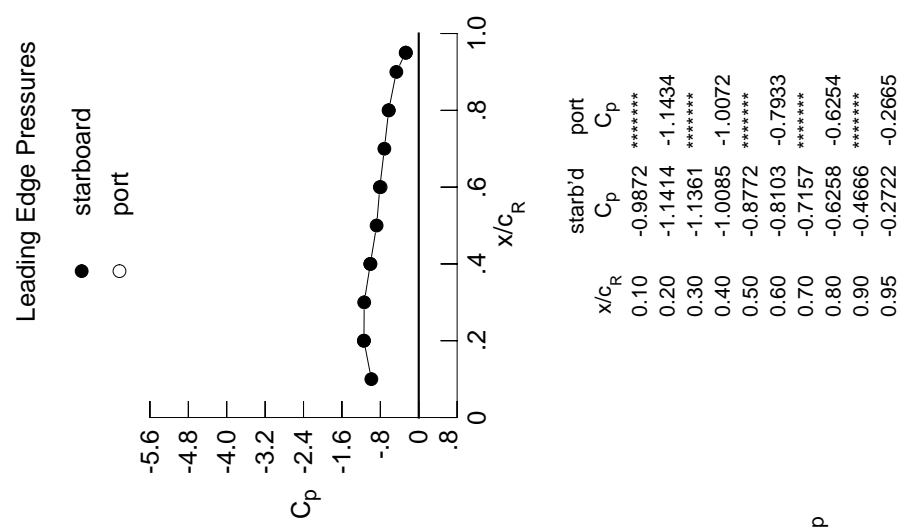
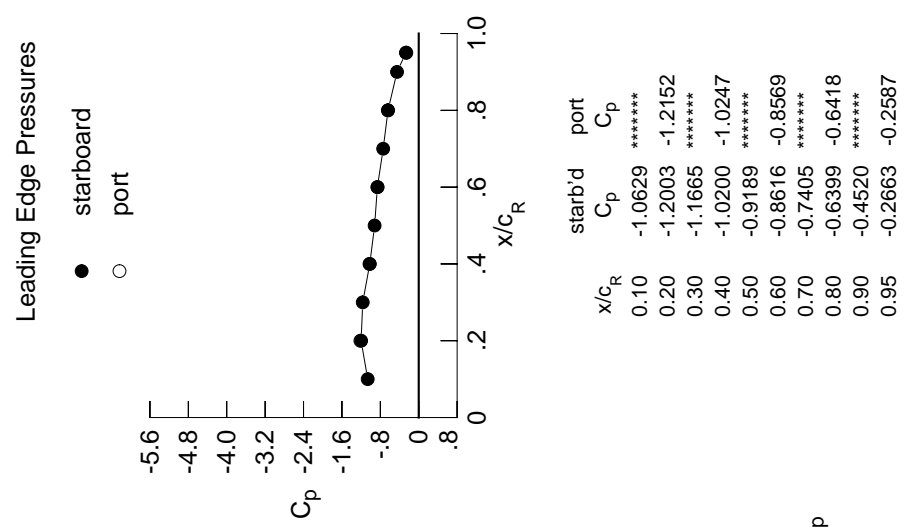


Table D2. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2660	-0.2308	-0.0580	*****	*****
0.100	-0.2747	-0.2327	-0.0727	*****	*****
0.150	-0.3086	-0.2509	-0.0957	*****	*****
0.200	-0.3096	-0.2463	-0.1082	*****	-0.2089
0.250	*****	-0.2541	-0.1229	-0.1978	-0.1506
0.300	-0.3092	-0.2508	-0.1398	-0.1827	-0.1961
0.350	-0.3246	-0.2523	-0.1470	-0.1759	-0.2557
0.400	-0.3474	-0.2585	-0.1571	-0.1641	-0.3144
0.450	-0.3767	-0.2605	-0.1591	-0.1558	-0.3581
0.500	-0.3943	-0.2607	-0.1697	-0.1510	-0.3793
0.525	*****	-0.2576	-0.1716	-0.1489	-0.3961
0.550	-0.3977	-0.2530	-0.1755	-0.1675	-0.4036
0.575	*****	-0.2336	-0.1822	-0.1978	-0.4446
0.600	-0.3732	-0.2212	-0.2231	-0.2731	-0.5201
0.625	*****	*****	-0.2855	-0.4096	-0.6360
0.650	-0.3253	-0.3281	-0.4502	-0.6127	-0.7840
0.675	*****	-0.6237	-0.6941	-0.8568	-0.9118
0.700	-0.5853	-1.0562	-0.9836	-1.0859	-1.0046
0.725	*****	-1.4101	*****	-1.2236	-0.9150
0.750	-1.2028	-1.5987	*****	-1.1986	-0.6413
0.775	*****	-1.6476	-1.3957	-1.0085	-0.4451
0.800	-1.3766	-1.5971	-1.1296	-0.8054	*****
0.825	*****	-1.4854	-0.9595	-0.7737	-0.4162
0.850	-1.3191	-1.3219	-0.9473	-0.7706	-0.4064
0.875	*****	-1.2048	-0.9521	-0.7683	-0.4196
0.900	-1.2099	-1.1445	-0.9223	-0.7254	*****
0.925	*****	-1.1028	-0.8871	-0.6842	-0.4296
0.950	-1.2347	-1.0620	-0.8850	-0.6718	-0.3315
0.975	*****	-1.0320	-0.8597	-0.6561	-0.2951
1.000	-1.2003	-1.0200	-0.8616	-0.6399	-0.2663
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2673	0.2441	0.2541	*****	-0.3497
-0.400	0.2679	0.2531	0.2274	0.0632	-0.3780
-0.600	0.2876	0.2651	0.2253	0.0964	-0.3944
-0.700	*****	0.2713	0.2333	0.1110	-0.4554
-0.800	*****	*****	0.2430	0.1380	-0.4685
-0.850	*****	0.2920	0.2495	0.1590	-0.4700
-0.900	0.3052	0.2841	0.2612	0.1812	-0.4589
-0.950	0.2681	0.1242	0.2202	0.1949	-0.1552
-0.975	*****	0.0748	0.1199	0.1413	0.0042
-1.000	-1.2152	-1.0247	-0.8569	-0.6418	-0.2587

Small Radius L.E.
 Run No. = 38 , Point No. = 764
 $C_N = 0.588$, $C_m = -0.0933$
 $\alpha = 13.4^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.0629	*****
0.20	-1.2003	-1.2152
0.30	-1.1665	*****
0.40	-1.0200	-1.0247
0.50	-0.9189	*****
0.60	-0.8616	-0.8569
0.70	-0.7405	*****
0.80	-0.6399	-0.6418
0.90	-0.4520	*****
0.95	-0.2663	-0.2587

Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2947	-0.2550	-0.0740	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3070	-0.2621	-0.0914	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3324	-0.2737	-0.1111	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3321	-0.2705	-0.1246	*****	*****	*****	*****	*****	*****	-0.1803
0.250	*****	-0.2784	-0.1405	-0.2053	-0.1303	*****	*****	*****	*****	-0.1303
0.300	-0.3331	-0.2721	-0.1557	-0.1900	-0.1863	*****	*****	*****	*****	-0.1863
0.350	-0.3513	-0.2775	-0.1624	-0.1810	-0.2576	*****	*****	*****	*****	-0.2576
0.400	-0.3748	-0.2848	-0.1753	-0.1660	-0.3195	*****	*****	*****	*****	-0.3195
0.450	-0.3968	-0.2842	-0.1740	-0.1631	-0.3614	*****	*****	*****	*****	-0.3614
0.500	-0.4084	-0.2739	-0.1976	-0.1629	-0.3942	*****	*****	*****	*****	-0.3942
0.525	*****	-0.2670	-0.2008	-0.1788	-0.4144	*****	*****	*****	*****	-0.4144
0.550	-0.3967	-0.2652	-0.2227	-0.2119	-0.4398	*****	*****	*****	*****	-0.4398
0.575	*****	-0.2515	-0.2556	-0.2799	-0.5072	*****	*****	*****	*****	-0.5072
0.600	-0.3385	-0.2659	-0.3560	-0.3963	-0.6113	*****	*****	*****	*****	-0.6113
0.625	*****	*****	-0.4827	-0.5787	-0.7519	*****	*****	*****	*****	-0.7519
0.650	-0.3614	-0.5513	-0.7196	-0.8122	-0.8967	*****	*****	*****	*****	-0.8967
0.675	*****	-0.9360	-0.9912	-1.0610	-0.9777	*****	*****	*****	*****	-0.9777
0.700	-1.0529	-1.3530	-1.2467	-1.2567	-0.9654	*****	*****	*****	*****	-0.9654
0.725	*****	-1.6452	*****	-1.3126	-0.7499	*****	*****	*****	*****	-0.7499
0.750	-1.5115	-1.7795	*****	-1.1774	-0.4756	*****	*****	*****	*****	-0.4756
0.775	*****	-1.8099	-1.2640	-0.9257	-0.4239	*****	*****	*****	*****	-0.4239
0.800	-1.5294	-1.7211	-1.0356	-0.8081	*****	*****	*****	*****	*****	*****
0.825	*****	-1.5190	-0.9865	-0.7863	-0.4076	*****	*****	*****	*****	-0.4076
0.850	-1.4178	-1.3142	-0.9925	-0.7833	-0.3973	*****	*****	*****	*****	-0.3973
0.875	*****	-1.2481	-0.9917	-0.7840	-0.4114	*****	*****	*****	*****	-0.4114
0.900	-1.2849	-1.2083	-0.9596	-0.7456	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1488	-0.9252	-0.6937	-0.4250	*****	*****	*****	*****	-0.4250
0.950	-1.3019	-1.0955	-0.9238	-0.6790	-0.3271	*****	*****	*****	*****	-0.3271
0.975	*****	-1.0718	-0.8991	-0.6688	-0.2895	*****	*****	*****	*****	-0.2895
1.000	-1.2651	-1.0430	-0.8991	-0.6578	-0.2639	*****	*****	*****	*****	-0.2639
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2943	0.2670	0.2719	*****	*****	*****	*****	*****	*****	-0.3575
-0.600	0.2961	0.2773	0.2393	0.0764	-0.3891	*****	*****	*****	*****	-0.3891
-0.700	0.3135	0.2865	0.2447	0.1100	-0.4168	*****	*****	*****	*****	-0.4168
-0.800	*****	0.2957	0.2506	0.1245	-0.4773	*****	*****	*****	*****	-0.4773
-0.850	*****	*****	0.2608	0.1519	-0.4791	*****	*****	*****	*****	-0.4791
-0.900	*****	0.3064	0.2657	0.1741	-0.4699	*****	*****	*****	*****	-0.4699
-0.950	0.3156	0.2894	0.2704	0.1936	-0.4502	*****	*****	*****	*****	-0.4502
-0.975	0.2684	0.1178	0.2162	0.1975	-0.1443	*****	*****	*****	*****	-0.1443
-1.000	*****	0.0475	0.0978	0.1310	0.0061	*****	*****	*****	*****	0.0061
-1.000	-1.2798	-1.0466	-0.9024	-0.6539	-0.2567	*****	*****	*****	*****	-0.2567

Small Radius L.E.
 Run No. = 38 , Point No. = 765
 $C_N = 0.637$, $C_m = -0.0974$
 $\alpha = 14.4^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$

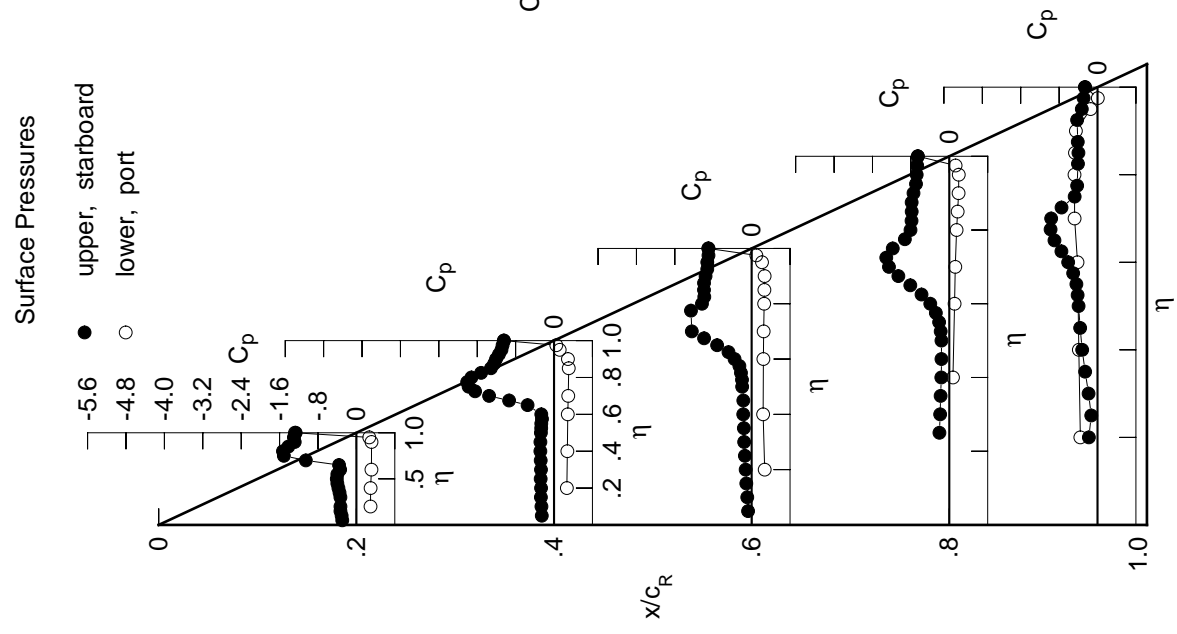
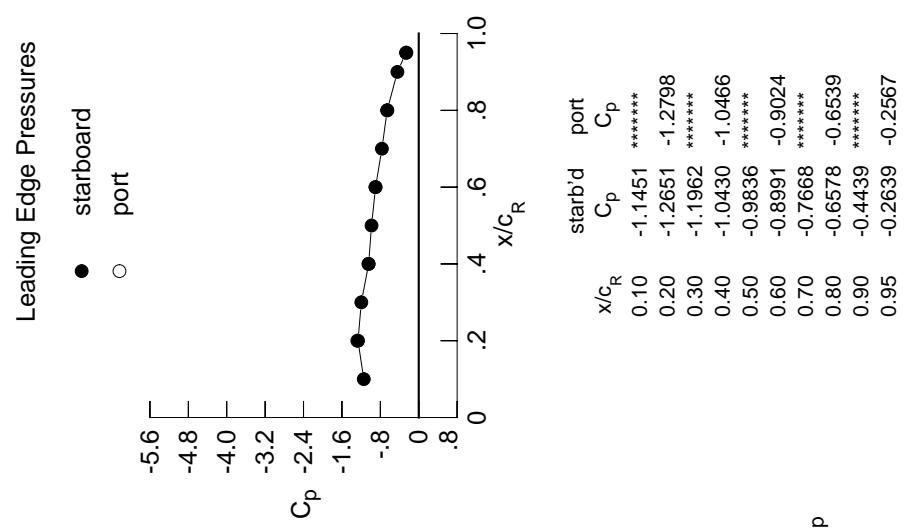
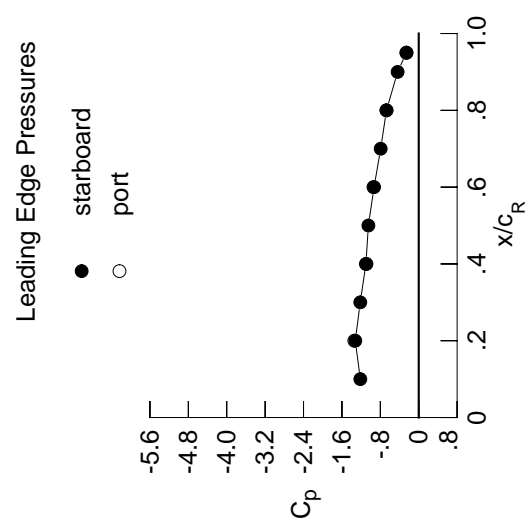


Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.3245	-0.2872	-0.0955	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3418	-0.2957	-0.1105	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3573	-0.3031	-0.1276	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3606	-0.2986	-0.1415	*****	*****	*****	*****	*****	*****	-0.1810
0.250	*****	-0.3059	-0.1598	-0.2135	-0.1262	*****	*****	*****	*****	-0.1262
0.300	-0.3614	-0.3038	-0.1766	-0.1980	-0.1922	*****	*****	*****	*****	-0.1922
0.350	-0.3829	-0.3055	-0.1846	-0.1896	-0.2666	*****	*****	*****	*****	-0.2666
0.400	-0.4038	-0.3118	-0.1934	-0.1784	-0.3293	*****	*****	*****	*****	-0.3293
0.450	-0.4205	-0.3095	-0.1989	-0.1763	-0.3703	*****	*****	*****	*****	-0.3703
0.500	-0.4221	-0.2979	-0.2316	-0.1986	-0.4130	*****	*****	*****	*****	-0.4130
0.525	*****	-0.2988	-0.2565	-0.2266	-0.4487	*****	*****	*****	*****	-0.4487
0.550	-0.3913	-0.3048	-0.3028	-0.2879	-0.4955	*****	*****	*****	*****	-0.4955
0.575	*****	-0.3127	-0.3784	-0.3885	-0.5844	*****	*****	*****	*****	-0.5844
0.600	-0.3291	-0.3705	-0.5400	-0.5420	-0.7091	*****	*****	*****	*****	-0.7091
0.625	*****	*****	-0.7204	-0.7493	-0.8491	*****	*****	*****	*****	-0.8491
0.650	-0.5849	-0.8098	-0.9942	-0.9947	-0.9621	*****	*****	*****	*****	-0.9621
0.675	*****	-1.2108	-1.2546	-1.2268	-0.9562	*****	*****	*****	*****	-0.9562
0.700	-1.4090	-1.5850	-1.4570	-1.3665	-0.8364	*****	*****	*****	*****	-0.8364
0.725	*****	-1.8399	*****	-1.3270	-0.5560	*****	*****	*****	*****	-0.5560
0.750	-1.7257	-1.9524	*****	-1.1026	-0.4332	*****	*****	*****	*****	-0.4332
0.775	*****	-1.9258	-1.1768	-0.8761	-0.4245	*****	*****	*****	*****	-0.4245
0.800	-1.6731	-1.6816	-1.0447	-0.8156	*****	*****	*****	*****	*****	-0.8156
0.825	*****	-1.4014	-1.0347	-0.8003	-0.4123	*****	*****	*****	*****	-0.4123
0.850	-1.5193	-1.3175	-1.0393	-0.8053	-0.3960	*****	*****	*****	*****	-0.3960
0.875	*****	-1.3129	-1.0367	-0.8085	-0.4042	*****	*****	*****	*****	-0.4042
0.900	-1.3599	-1.2753	-0.9977	-0.7666	*****	*****	*****	*****	*****	-0.7666
0.925	*****	-1.1933	-0.9600	-0.7106	-0.4090	*****	*****	*****	*****	-0.4090
0.950	-1.3613	-1.1495	-0.9496	-0.6949	-0.3189	*****	*****	*****	*****	-0.3189
0.975	*****	-1.1310	-0.9356	-0.6871	-0.2825	*****	*****	*****	*****	-0.2825
1.000	-1.3220	-1.1007	-0.9310	-0.6724	-0.2572	*****	*****	*****	*****	-0.2572
-0.200	$C_{p,l}$	0.2912	0.2859	*****	*****	*****	*****	*****	*****	-0.3606
-0.400	$C_{p,l}$	0.3217	0.2941	0.2610	0.0889	-0.3983	*****	*****	*****	-0.3983
-0.600	$C_{p,l}$	0.3396	0.3092	0.2584	0.1196	-0.4433	*****	*****	*****	-0.4433
-0.700	$C_{p,l}$	*****	0.3158	0.2657	0.1360	-0.4966	*****	*****	*****	-0.4966
-0.800	$C_{p,l}$	*****	*****	0.2762	0.1638	-0.4852	*****	*****	*****	-0.4852
-0.850	$C_{p,l}$	0.3176	0.2788	0.1850	-0.4691	*****	*****	*****	*****	-0.4691
-0.900	$C_{p,l}$	0.3249	0.2932	0.2775	0.2013	-0.4423	*****	*****	*****	-0.4423
-0.950	$C_{p,l}$	0.2685	0.1083	0.2096	0.1968	-0.1367	*****	*****	*****	-0.1367
-0.975	$C_{p,l}$	*****	0.0181	0.0742	0.1184	0.0064	*****	*****	*****	0.0064
-1.000	$C_{p,l}$	-1.3420	-1.0886	-0.9433	-0.6710	-0.2536	*****	*****	*****	-0.2536

Small Radius L.E.
 Run No. = 38 , Point No. = 766
 $C_N = 0.689$, $C_m = -0.1034$
 $\alpha = 15.5^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.2170	*****
0.20	-1.3220	-1.3420
0.30	-1.2179	*****
0.40	-1.1007	-1.0886
0.50	-1.0489	*****
0.60	-0.9310	-0.9433
0.70	-0.7925	*****
0.80	-0.6724	-0.6710
0.90	-0.4396	*****
0.95	-0.2572	-0.2536

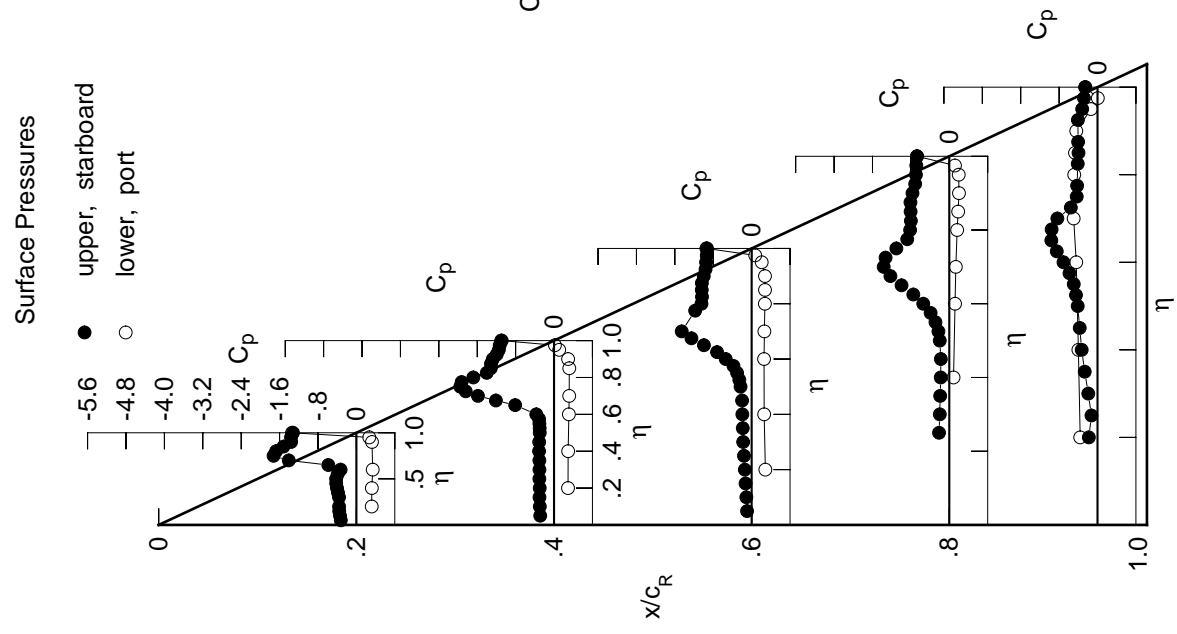
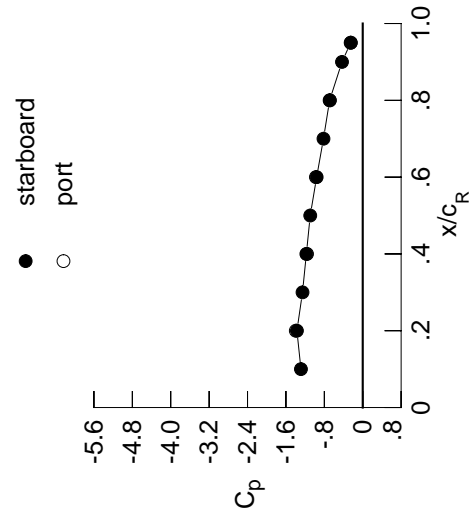


Table D2. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3577	-0.3142	-0.1114	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3760	-0.3283	-0.1297	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3825	-0.3274	-0.1419	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3869	-0.3270	-0.1588	*****	*****	*****	*****	*****	*****	-0.1979
0.250	*****	-0.3345	-0.1755	-0.2244	-0.1498	*****	*****	*****	*****	*****
0.300	-0.3907	-0.3344	-0.1921	-0.2094	-0.2084	*****	*****	*****	*****	*****
0.350	-0.4124	-0.3325	-0.1978	-0.2005	-0.2761	*****	*****	*****	*****	*****
0.400	-0.4305	-0.3419	-0.2154	-0.1919	-0.3351	*****	*****	*****	*****	*****
0.450	-0.4399	-0.3387	-0.2215	-0.2015	-0.3857	*****	*****	*****	*****	*****
0.500	-0.4293	-0.3347	-0.2802	-0.2433	-0.4389	*****	*****	*****	*****	*****
0.525	*****	-0.3455	-0.3212	-0.2967	-0.4921	*****	*****	*****	*****	*****
0.550	-0.3870	-0.3742	-0.4129	-0.3815	-0.5521	*****	*****	*****	*****	*****
0.575	*****	-0.4214	-0.5239	-0.5166	-0.6641	*****	*****	*****	*****	*****
0.600	-0.3809	-0.5465	-0.7414	-0.6939	-0.7892	*****	*****	*****	*****	*****
0.625	*****	*****	-0.9519	-0.9209	-0.9099	*****	*****	*****	*****	*****
0.650	-0.9473	-1.1032	-1.2364	-1.1592	-0.9593	*****	*****	*****	*****	*****
0.675	*****	-1.4822	-1.4707	-1.3551	-0.8744	*****	*****	*****	*****	*****
0.700	-1.6995	-1.7983	-1.6090	-1.4190	-0.6834	*****	*****	*****	*****	*****
0.725	*****	-2.0129	*****	-1.2802	-0.4546	*****	*****	*****	*****	*****
0.750	-1.8924	-2.0418	*****	-1.0119	-0.4362	*****	*****	*****	*****	*****
0.775	*****	-1.7894	-1.1466	-0.8553	-0.4291	*****	*****	*****	*****	*****
0.800	-1.7964	-1.4663	-1.0774	-0.8282	*****	*****	*****	*****	*****	*****
0.825	*****	-1.3683	-1.0721	-0.8174	-0.4163	*****	*****	*****	*****	*****
0.850	-1.6040	-1.3632	-1.0772	-0.8235	-0.3946	*****	*****	*****	*****	*****
0.875	*****	-1.3707	-1.0705	-0.8225	-0.3874	*****	*****	*****	*****	*****
0.900	-1.4377	-1.3090	-1.0343	-0.7813	*****	*****	*****	*****	*****	*****
0.925	*****	-1.2486	-0.9872	-0.7291	-0.3925	*****	*****	*****	*****	*****
0.950	-1.4189	-1.2271	-0.9827	-0.7136	-0.3087	*****	*****	*****	*****	*****
0.975	*****	-1.2127	-0.9658	-0.7023	-0.2751	*****	*****	*****	*****	*****
1.000	-1.3711	-1.1743	-0.9602	-0.6899	-0.2511	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3449	0.3091	0.3043	*****	-0.3542	*****	*****	*****	*****	*****
-0.600	0.3484	0.3147	0.2765	0.1038	-0.4088	*****	*****	*****	*****	*****
-0.700	0.3646	0.3303	0.2788	0.1354	-0.4638	*****	*****	*****	*****	*****
-0.800	*****	0.3338	0.2800	0.1491	-0.5159	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2941	0.1761	-0.4876	*****	*****	*****	*****	*****
-0.900	*****	0.3303	0.2939	0.1993	-0.4653	*****	*****	*****	*****	*****
-0.950	0.3336	0.2960	0.2865	0.2128	-0.4322	*****	*****	*****	*****	*****
-0.975	0.2687	0.0965	0.2017	0.1976	-0.1255	*****	*****	*****	*****	*****
-1.000	*****	-0.0151	0.0531	0.1077	0.0086	*****	*****	*****	*****	*****
-1.000	-1.3948	-1.1608	-0.9753	-0.6837	-0.2478	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 38 , Point No. = 767
 $C_N = 0.742$, $C_m = -0.1093$
 $\alpha = 16.5^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.2872	*****
0.20	-1.3711	-1.3948
0.30	-1.2547	*****
0.40	-1.1743	-1.1608
0.50	-1.0939	*****
0.60	-0.9602	-0.9753
0.70	-0.8179	*****
0.80	-0.6899	-0.6837
0.90	-0.4321	*****
0.95	-0.2511	-0.2478

Surface Pressures

● upper, starboard
 ○ lower, port

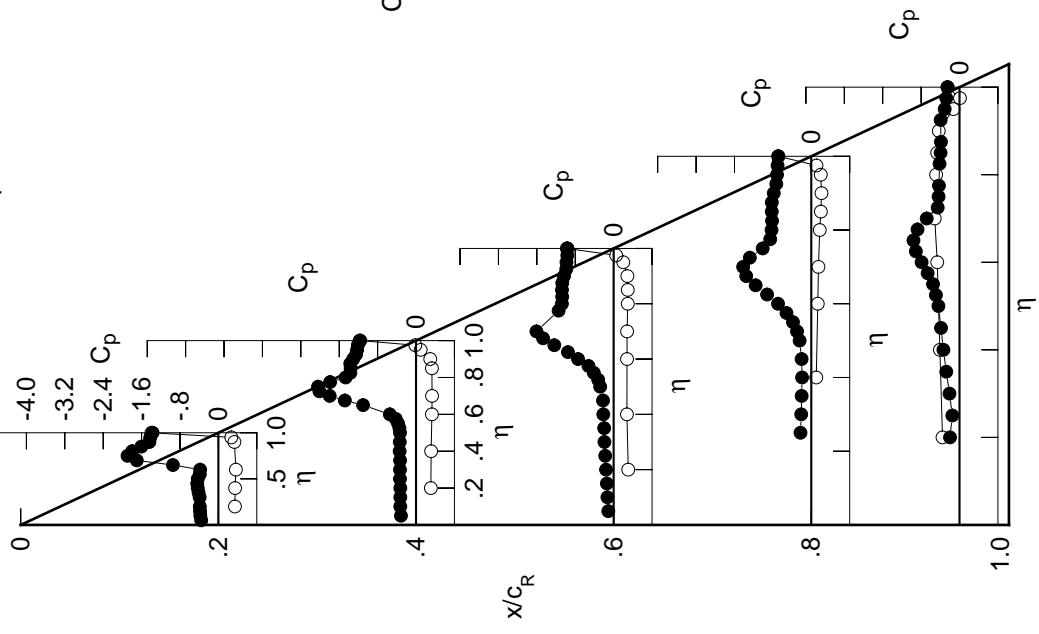


Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3929	-0.3486	-0.1287	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4064	-0.3598	-0.1461	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4168	-0.3634	-0.1596	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4204	-0.3584	-0.1790	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3685	-0.1940	-0.2379	-0.1854	*****	*****	*****	*****	*****
0.300	-0.4238	-0.3638	-0.2118	-0.2240	-0.2305	*****	*****	*****	*****	*****
0.350	-0.4438	-0.3682	-0.2206	-0.2160	-0.2901	*****	*****	*****	*****	*****
0.400	-0.4588	-0.3741	-0.2353	-0.2113	-0.3458	*****	*****	*****	*****	*****
0.450	-0.4602	-0.3766	-0.2578	-0.2360	-0.3983	*****	*****	*****	*****	*****
0.500	-0.4402	-0.3906	-0.3438	-0.3078	-0.4772	*****	*****	*****	*****	*****
0.525	*****	-0.4227	-0.4128	-0.3802	-0.5395	*****	*****	*****	*****	*****
0.550	-0.4018	-0.4866	-0.5328	-0.4932	-0.6158	*****	*****	*****	*****	*****
0.575	*****	-0.5895	-0.6866	-0.6490	-0.7299	*****	*****	*****	*****	*****
0.600	-0.5426	-0.7820	-0.9363	-0.8443	-0.8462	*****	*****	*****	*****	*****
0.625	*****	*****	-1.1655	-1.0777	-0.9302	*****	*****	*****	*****	*****
0.650	-1.3321	-1.3916	-1.4441	-1.2972	-0.9137	*****	*****	*****	*****	*****
0.675	*****	-1.7325	-1.6501	-1.4462	-0.7686	*****	*****	*****	*****	*****
0.700	-1.9363	-1.9886	-1.7165	-1.4180	-0.5557	*****	*****	*****	*****	*****
0.725	*****	-2.1127	*****	-1.2061	-0.4329	*****	*****	*****	*****	*****
0.750	-2.0384	-1.8953	*****	-0.9379	-0.4466	*****	*****	*****	*****	*****
0.775	*****	-1.5765	-1.1477	-0.8572	-0.4389	*****	*****	*****	*****	*****
0.800	-1.9052	-1.4262	-1.1138	-0.8366	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4086	-1.1142	-0.8310	-0.4237	*****	*****	*****	*****	*****
0.850	-1.6708	-1.4183	-1.1199	-0.8403	-0.3878	*****	*****	*****	*****	*****
0.875	*****	-1.4135	-1.1160	-0.8397	-0.3754	*****	*****	*****	*****	*****
0.900	-1.5086	-1.3475	-1.0713	-0.7964	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3145	-1.0214	-0.7451	-0.3742	*****	*****	*****	*****	*****
0.950	-1.4698	-1.3006	-1.0141	-0.7275	-0.3017	*****	*****	*****	*****	*****
0.975	*****	-1.2873	-0.9996	-0.7215	-0.2739	*****	*****	*****	*****	*****
1.000	-1.4165	-1.2508	-0.9887	-0.7036	-0.2525	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3712	0.3320	0.3230	*****	*****	*****	*****	*****	*****	*****
-0.600	0.3754	0.3326	0.2966	0.1154	-0.4193	*****	*****	*****	*****	*****
-0.700	0.3874	0.3476	0.2970	0.1472	-0.4905	*****	*****	*****	*****	*****
-0.800	*****	0.3514	0.3004	0.1602	-0.5291	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3086	0.1895	-0.4906	*****	*****	*****	*****	*****
-0.900	*****	0.3391	0.3057	0.2110	-0.4642	*****	*****	*****	*****	*****
-0.950	0.3395	0.2962	0.2931	0.2214	-0.4226	*****	*****	*****	*****	*****
-0.975	0.2679	0.0856	0.1927	0.1954	-0.1190	*****	*****	*****	*****	*****
-1.000	*****	-0.0521	0.0271	0.0935	0.0074	*****	*****	*****	*****	*****
	-1.4427	-1.2430	-1.0043	-0.6993	-0.2475	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 38 , Point No. = 768
 $C_N = 0.792$, $C_m = -0.1128$
 $\alpha = 17.5^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$

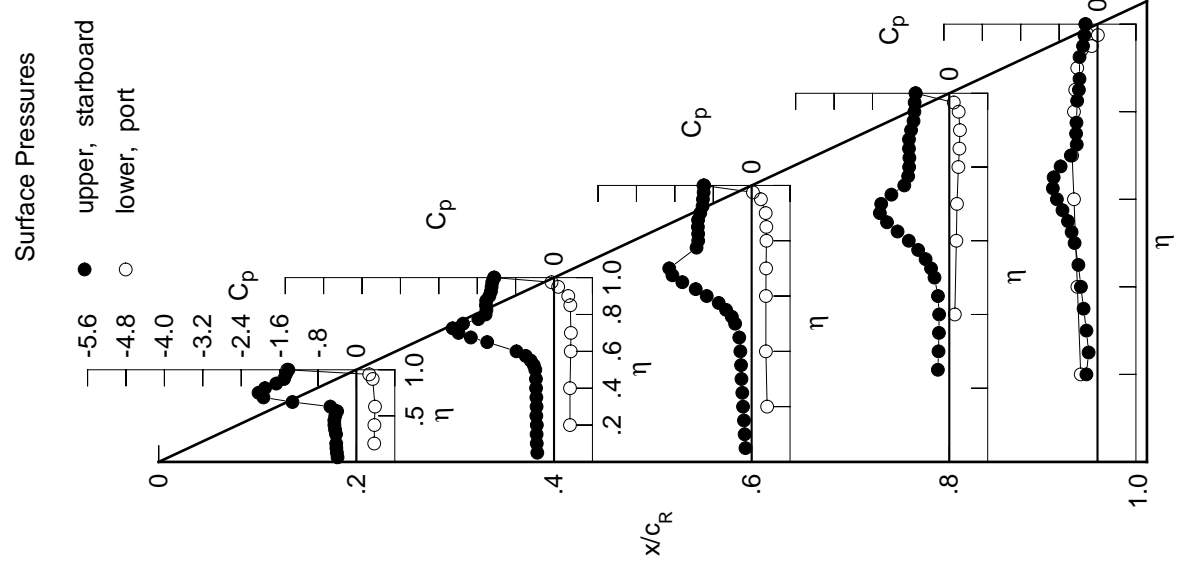
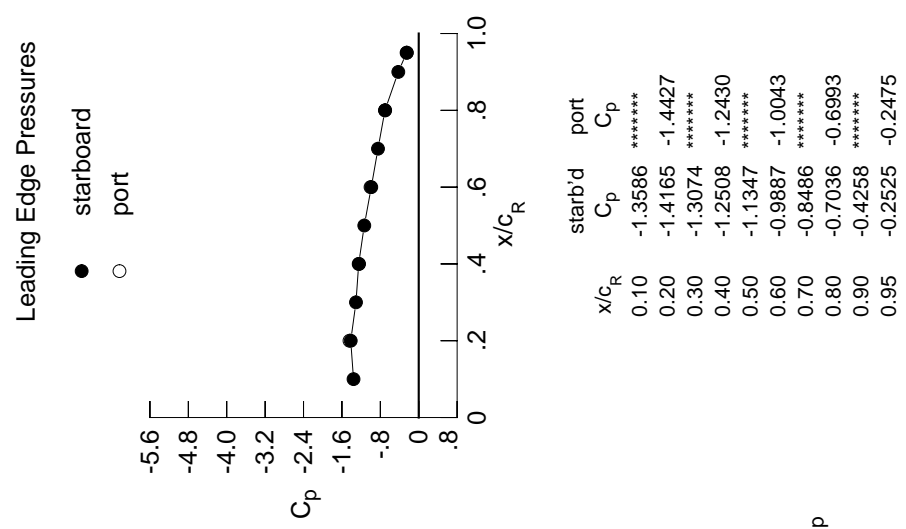


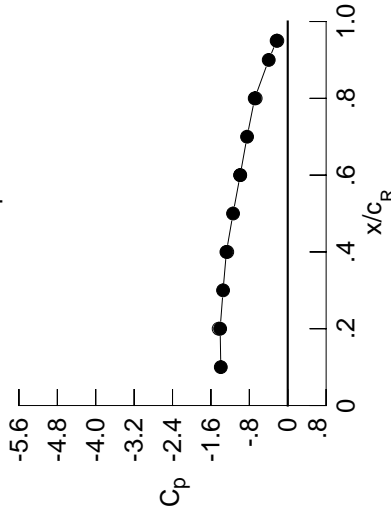
Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3960	-0.3436	-0.1035	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3932	-0.3468	-0.1180	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4079	-0.3615	-0.1404	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4071	-0.3540	-0.1492	*****	*****	*****	*****	*****	*****	-0.2337
0.250	*****	-0.3617	-0.1760	-0.2063	-0.1866	*****	*****	*****	*****	-0.1866
0.300	-0.4135	-0.3551	-0.1846	-0.2042	-0.2258	*****	*****	*****	*****	-0.2258
0.350	-0.4412	-0.3634	-0.1999	-0.1926	-0.2668	*****	*****	*****	*****	-0.2668
0.400	-0.4472	-0.3687	-0.2296	-0.2045	-0.3304	*****	*****	*****	*****	-0.3304
0.450	-0.4379	-0.3793	-0.2616	-0.2380	-0.3799	*****	*****	*****	*****	-0.3799
0.500	-0.4141	-0.4239	-0.3833	-0.3429	-0.4887	*****	*****	*****	*****	-0.4887
0.525	*****	-0.4896	-0.4792	-0.4340	-0.5532	*****	*****	*****	*****	-0.5532
0.550	-0.4233	-0.6075	-0.6378	-0.5790	-0.6331	*****	*****	*****	*****	-0.6331
0.575	*****	-0.7650	-0.8088	-0.7513	-0.7451	*****	*****	*****	*****	-0.7451
0.600	-0.7473	-1.0085	-1.0755	-0.9478	-0.8423	*****	*****	*****	*****	-0.8423
0.625	*****	*****	-1.3116	-1.1812	-0.8719	*****	*****	*****	*****	-0.8719
0.650	-1.6063	-1.6224	-1.5734	-1.3700	-0.8000	*****	*****	*****	*****	-0.8000
0.675	*****	-1.9040	-1.7457	-1.4461	-0.6330	*****	*****	*****	*****	-0.6330
0.700	-2.0886	-2.0837	-1.7097	-1.3254	-0.4583	*****	*****	*****	*****	-0.4583
0.725	*****	-2.0000	*****	-1.0807	-0.4173	*****	*****	*****	*****	-0.4173
0.750	-2.1377	-1.6866	*****	-0.8735	-0.4276	*****	*****	*****	*****	-0.4276
0.775	*****	-1.4853	-1.1364	-0.8342	-0.4151	*****	*****	*****	*****	-0.4151
0.800	-1.9643	-1.4291	-1.1188	-0.8032	*****	*****	*****	*****	*****	-0.8032
0.825	*****	-1.4286	-1.1216	-0.8119	-0.3832	*****	*****	*****	*****	-0.3832
0.850	-1.6508	-1.4448	-1.1302	-0.8224	-0.3619	*****	*****	*****	*****	-0.3619
0.875	*****	-1.4246	-1.1318	-0.8248	-0.3379	*****	*****	*****	*****	-0.3379
0.900	-1.5256	-1.3634	-1.0797	-0.7803	*****	*****	*****	*****	*****	-0.7803
0.925	*****	-1.3401	-1.0306	-0.7359	-0.3380	*****	*****	*****	*****	-0.3380
0.950	-1.4661	-1.3269	-1.0201	-0.7150	-0.2730	*****	*****	*****	*****	-0.2730
0.975	*****	-1.3158	-1.0020	-0.7060	-0.2505	*****	*****	*****	*****	-0.2505
1.000	-1.4082	-1.2778	-0.9905	-0.6879	-0.2314	*****	*****	*****	*****	-0.2314
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4143	0.3736	0.3575	*****	*****	*****	*****	*****	*****	-0.3133
-0.600	0.4274	0.3756	0.3382	0.1543	-0.4023	*****	*****	*****	*****	-0.4023
-0.700	0.4389	0.3919	0.3431	0.1884	-0.4732	*****	*****	*****	*****	-0.4732
-0.800	*****	0.4031	0.3425	0.2020	-0.5127	*****	*****	*****	*****	-0.5127
-0.850	*****	*****	0.3508	0.2234	-0.4571	*****	*****	*****	*****	-0.4571
-0.900	*****	0.3813	0.3506	0.2522	-0.4170	*****	*****	*****	*****	-0.4170
-0.950	0.3725	0.3319	0.3268	0.2660	-0.3832	*****	*****	*****	*****	-0.3832
-0.975	0.3003	0.0993	0.2189	0.2363	-0.0734	*****	*****	*****	*****	-0.0734
-1.000	*****	-0.0565	0.0456	0.1139	0.0339	*****	*****	*****	*****	0.0339
-1.000	-1.4389	-1.2600	-0.9906	-0.6683	-0.2171	*****	*****	*****	*****	-0.2171

Small Radius L.E.
 Run No. = 38 , Point No. = 769
 $C_N = 0.847$, $C_m = -0.1191$
 $\alpha = 18.5^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.3940	*****
0.20	-1.4082	-1.4389
0.30	-1.3470	*****
0.40	-1.2778	-1.2600
0.50	-1.1392	*****
0.60	-0.9905	-0.9906
0.70	-0.8471	*****
0.80	-0.6879	-0.6683
0.90	-0.3963	*****
0.95	-0.2314	-0.2171

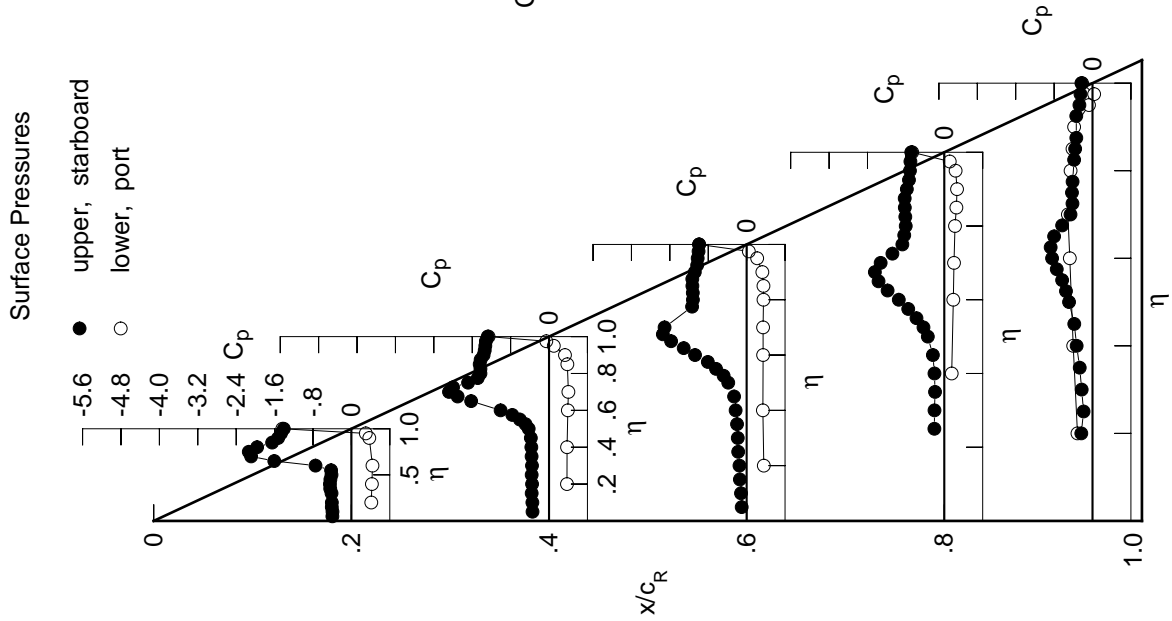
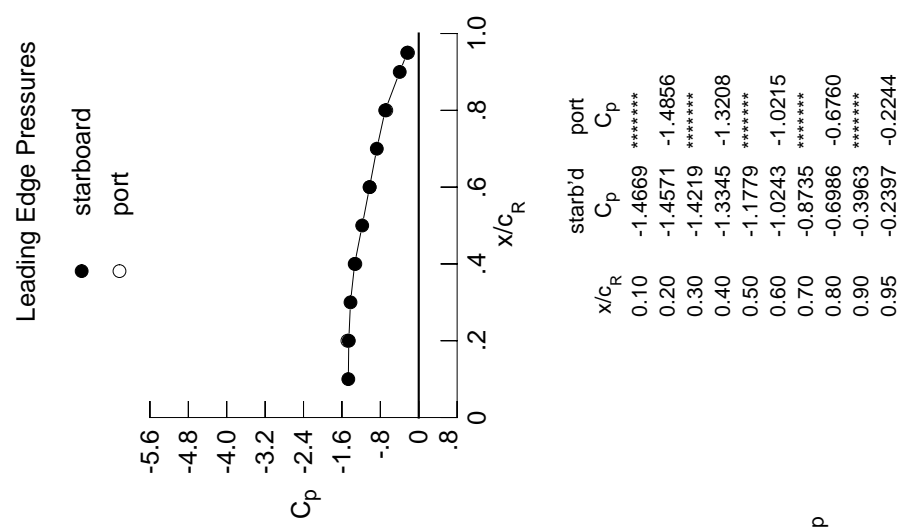


Table D2. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4330	-0.3834	-0.1247	*****	*****
0.100	-0.4274	-0.3828	-0.1361	*****	*****
0.150	-0.4433	-0.3947	-0.1615	*****	*****
0.200	-0.4439	-0.3867	-0.1690	*****	-0.2621
0.250	*****	-0.3959	-0.1951	-0.2199	-0.2335
0.300	-0.4493	-0.3867	-0.2063	-0.2231	-0.2572
0.350	-0.4743	-0.4026	-0.2274	-0.2165	-0.2866
0.400	-0.4775	-0.4119	-0.2691	-0.2387	-0.3496
0.450	-0.4654	-0.4410	-0.3208	-0.2931	-0.4010
0.500	-0.4504	-0.5293	-0.4824	-0.4269	-0.5252
0.525	*****	-0.6350	-0.6031	-0.5390	-0.5970
0.550	-0.5378	-0.7944	-0.7863	-0.7013	-0.6747
0.575	*****	-0.9897	-0.9747	-0.8872	-0.7778
0.600	-1.0388	-1.2527	-1.2492	-1.0843	-0.8435
0.625	*****	*****	-1.4896	-1.3059	-0.8366
0.650	-1.8730	-1.8342	-1.7355	-1.4580	-0.7312
0.675	*****	-2.0771	-1.8621	-1.4551	-0.5564
0.700	-2.2656	-2.1202	-1.6942	-1.2663	-0.4287
0.725	*****	-1.8628	*****	-1.0017	-0.4266
0.750	-2.2653	-1.6014	*****	-0.8638	-0.4405
0.775	*****	-1.5039	-1.1707	-0.8397	-0.4235
0.800	-2.0138	-1.4809	-1.1604	-0.8132	*****
0.825	*****	-1.4879	-1.1599	-0.8220	-0.3805
0.850	-1.6733	-1.5017	-1.1744	-0.8352	-0.3622
0.875	*****	-1.4732	-1.1717	-0.8349	-0.3325
0.900	-1.5899	-1.4184	-1.1210	-0.7888	*****
0.925	*****	-1.3953	-1.0656	-0.7448	-0.3314
0.950	-1.5166	-1.3843	-1.0560	-0.7262	-0.2746
0.975	*****	-1.3762	-1.0369	-0.7129	-0.2563
1.000	-1.4571	-1.3345	-1.0243	-0.6986	-0.2397
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4380	0.3968	0.3712	*****	-0.3106
-0.400	0.4533	0.3968	0.3562	0.1687	-0.4107
-0.600	0.4617	0.4126	0.3603	0.1991	-0.4884
-0.700	*****	0.4203	0.3567	0.2179	-0.5201
-0.800	*****	*****	0.3652	0.2358	-0.4550
-0.850	*****	0.3884	0.3627	0.2638	-0.4102
-0.900	0.3779	0.3317	0.3305	0.2749	-0.3728
-0.950	0.2961	0.0850	0.2099	0.2344	-0.0663
-0.975	*****	-0.0921	0.0214	0.0992	0.0306
-1.000	-1.4856	-1.3208	-1.0215	-0.6760	-0.2244

Small Radius L.E.
 Run No. = 38 , Point No. = 770
 $C_N = 0.902$, $C_m = -0.1259$
 $\alpha = 19.5^\circ$, $M_\infty = 0.601$
 $R_{mac} = 6.0 \times 10^6$

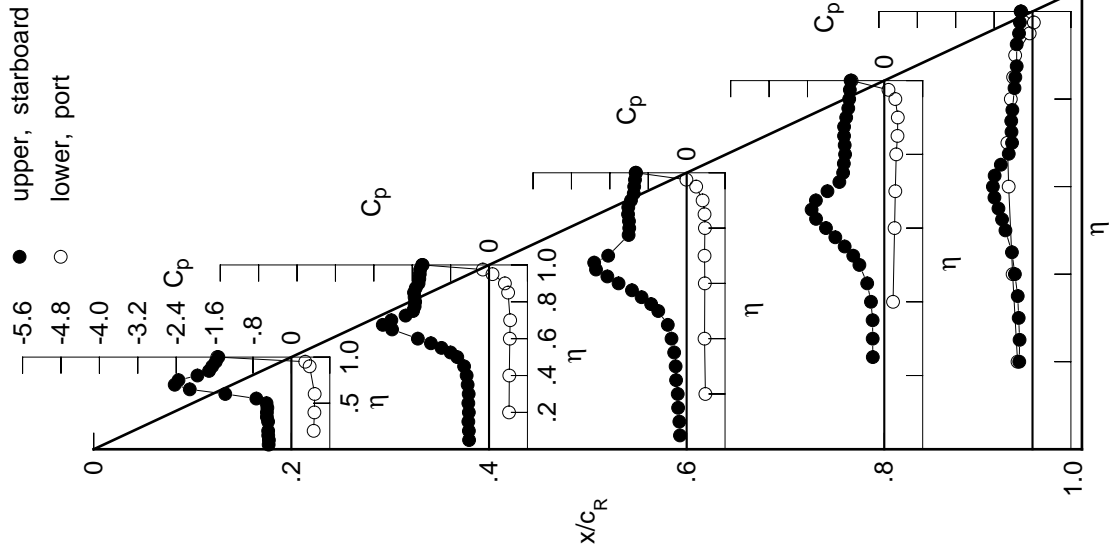


x/c_R	starb'd C_p	port C_p
0.10	-1.4669	*****
0.20	-1.4571	-1.4856
0.30	-1.4219	*****
0.40	-1.3345	-1.3208
0.50	-1.1779	*****
0.60	-1.0243	-1.0215
0.70	-0.8735	*****
0.80	-0.6986	-0.6760
0.90	-0.3963	*****
0.95	-0.2397	-0.2244

Table D2. Continued.

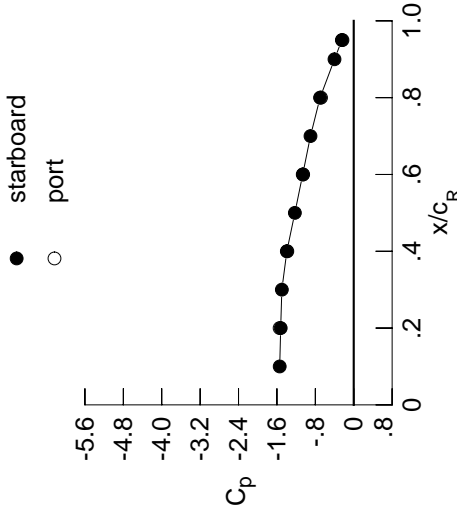
η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4739	-0.4157	-0.1395	*****	*****
0.100	-0.4686	-0.4202	-0.1523	*****	*****
0.150	-0.4825	-0.4314	-0.1772	*****	*****
0.200	-0.4837	-0.4209	-0.1858	*****	-0.2757
0.250	*****	-0.4316	-0.2197	-0.2393	-0.2695
0.300	-0.4854	-0.4238	-0.2294	-0.2414	-0.2878
0.350	-0.5104	-0.4456	-0.2598	-0.2431	-0.3082
0.400	-0.5108	-0.4661	-0.3149	-0.2773	-0.3675
0.450	-0.5007	-0.5200	-0.3930	-0.3556	-0.4287
0.500	-0.5177	-0.6616	-0.5915	-0.5186	-0.5643
0.525	*****	-0.8008	-0.7389	-0.6467	-0.6346
0.550	-0.7306	-0.9902	-0.9383	-0.8256	-0.7098
0.575	*****	-1.2104	-1.1394	-1.0201	-0.7938
0.600	-1.3772	-1.4833	-1.4184	-1.2155	-0.8254
0.625	*****	*****	-1.6519	-1.4214	-0.7885
0.650	-2.1171	-2.0202	-1.8880	-1.5143	-0.6597
0.675	*****	-2.2132	-1.9267	-1.4249	-0.4951
0.700	-2.4312	-2.0354	-1.6347	-1.1839	-0.4265
0.725	*****	-1.7393	*****	-0.9363	-0.4375
0.750	-2.3521	-1.5830	*****	-0.8579	-0.4429
0.775	*****	-1.5494	-1.2086	-0.8423	-0.4204
0.800	-1.9577	-1.5392	-1.1963	-0.8171	*****
0.825	*****	-1.5511	-1.2018	-0.8251	-0.3751
0.850	-1.7163	-1.5636	-1.2205	-0.8387	-0.3579
0.875	*****	-1.5267	-1.2161	-0.8377	-0.3299
0.900	-1.6485	-1.4681	-1.1600	-0.7939	*****
0.925	*****	-1.4527	-1.1016	-0.7503	-0.3299
0.950	-1.5759	-1.4430	-1.0925	-0.7315	-0.2806
0.975	*****	-1.4355	-1.0761	-0.7177	-0.2627
1.000	-1.5218	-1.3934	-1.0628	-0.7013	-0.2475
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4638	0.4171	0.3907	*****	-0.3116
-0.400	0.4792	0.4224	0.3731	0.1826	-0.4147
-0.600	0.4848	0.4327	0.3787	0.2143	-0.4967
-0.700	*****	0.4396	0.3731	0.2297	-0.5232
-0.800	*****	*****	0.3804	0.2487	-0.4517
-0.850	*****	0.3975	0.3727	0.2753	-0.4041
-0.900	0.3800	0.3301	0.3328	0.2813	-0.3618
-0.950	0.2892	0.0722	0.1982	0.2302	-0.0595
-0.975	*****	-0.1288	-0.0050	0.0869	0.0281
-1.000	-1.5442	-1.3843	-1.0533	-0.6819	-0.2352

Surface Pressures



Small Radius L.E.
 Run No. = 38, Point No. = 771
 $C_N = 0.961$, $C_m = -0.1361$
 $\alpha = 20.5^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

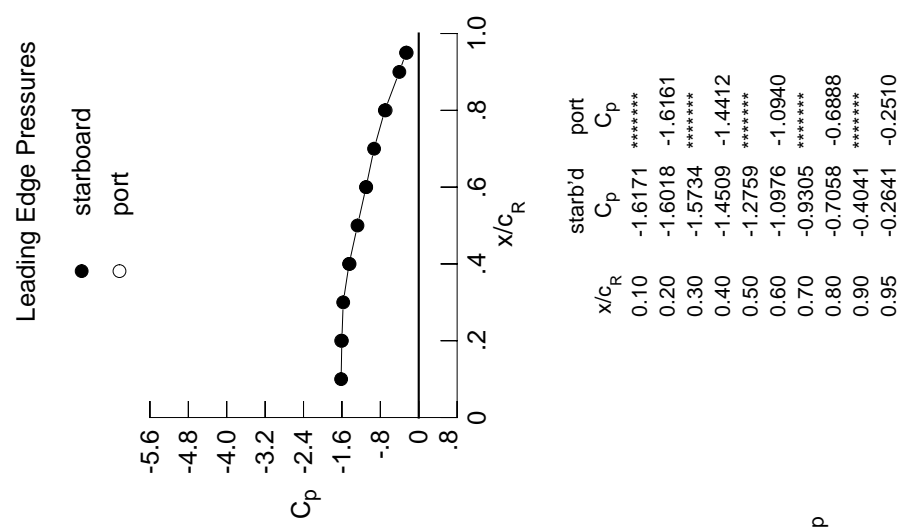


x/c_R	starb'd C_p	port C_p
0.10	-1.5421	*****
0.20	-1.5218	-1.5442
0.30	-1.4977	*****
0.40	-1.3934	-1.3843
0.50	-1.2263	*****
0.60	-1.0628	-1.0533
0.70	-0.9011	*****
0.80	-0.7013	-0.6819
0.90	-0.4008	*****
0.95	-0.2475	-0.2352

Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5205	-0.4536	-0.1599	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5130	-0.4547	-0.1718	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5266	-0.4676	-0.1977	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5290	-0.4601	-0.2108	*****	*****	*****	*****	*****	*****	-0.2832
0.250	*****	-0.4690	-0.2455	-0.2604	-0.2981	*****	*****	*****	*****	*****
0.300	-0.5291	-0.4684	-0.2603	-0.2658	-0.3163	*****	*****	*****	*****	*****
0.350	-0.5523	-0.4925	-0.2986	-0.2777	-0.3323	*****	*****	*****	*****	*****
0.400	-0.5541	-0.5309	-0.3676	-0.3270	-0.3929	*****	*****	*****	*****	*****
0.450	-0.5600	-0.6210	-0.4729	-0.4270	-0.4629	*****	*****	*****	*****	*****
0.500	-0.6414	-0.8069	-0.7129	-0.6212	-0.6059	*****	*****	*****	*****	*****
0.525	*****	-0.9785	-0.8765	-0.7647	-0.6760	*****	*****	*****	*****	*****
0.550	-1.0064	-1.1891	-1.0923	-0.9519	-0.7361	*****	*****	*****	*****	*****
0.575	*****	-1.4215	-1.2965	-1.1526	-0.7979	*****	*****	*****	*****	*****
0.600	-1.7135	-1.6899	-1.5728	-1.3430	-0.8061	*****	*****	*****	*****	*****
0.625	*****	*****	-1.8045	-1.5056	-0.7415	*****	*****	*****	*****	*****
0.650	-2.3335	-2.1844	-2.0239	-1.5102	-0.6021	*****	*****	*****	*****	*****
0.675	*****	-2.2543	-1.9050	-1.3516	-0.4507	*****	*****	*****	*****	*****
0.700	-2.5406	-1.8918	-1.5522	-1.0857	-0.4299	*****	*****	*****	*****	*****
0.725	*****	-1.6780	*****	-0.8931	-0.4437	*****	*****	*****	*****	*****
0.750	-2.2824	-1.6146	*****	-0.8502	-0.4377	*****	*****	*****	*****	*****
0.775	*****	-1.6047	-1.2455	-0.8399	-0.4156	*****	*****	*****	*****	*****
0.800	-1.9061	-1.6026	-1.2420	-0.8126	*****	*****	*****	*****	*****	*****
0.825	*****	-1.6202	-1.2455	-0.8244	-0.3710	*****	*****	*****	*****	*****
0.850	-1.7833	-1.6271	-1.2668	-0.8389	-0.3598	*****	*****	*****	*****	*****
0.875	*****	-1.5826	-1.2654	-0.8361	-0.3343	*****	*****	*****	*****	*****
0.900	-1.7078	-1.5228	-1.2019	-0.7978	*****	*****	*****	*****	*****	*****
0.925	*****	-1.5051	-1.1404	-0.7581	-0.3313	*****	*****	*****	*****	*****
0.950	-1.6477	-1.4976	-1.1274	-0.7370	-0.2885	*****	*****	*****	*****	*****
0.975	*****	-1.4932	-1.1147	-0.7232	-0.2748	*****	*****	*****	*****	*****
1.000	-1.6018	-1.4509	-1.0976	-0.7058	-0.2641	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4898	0.4391	0.4061	*****	*****	-0.3156	*****	*****	*****	*****
-0.400	0.5031	0.4438	0.3925	0.1963	-0.4177	*****	*****	*****	*****	*****
-0.600	0.5051	0.4527	0.3947	0.2301	-0.5021	*****	*****	*****	*****	*****
-0.700	*****	0.4578	0.3921	0.2453	-0.5217	*****	*****	*****	*****	*****
-0.800	*****	*****	0.3913	0.2602	-0.4476	*****	*****	*****	*****	*****
-0.850	*****	0.4024	0.3801	0.2854	-0.3968	*****	*****	*****	*****	*****
-0.900	0.3809	0.3243	0.3308	0.2879	-0.3510	*****	*****	*****	*****	*****
-0.950	0.2806	0.0571	0.1796	0.2267	-0.0547	*****	*****	*****	*****	*****
-0.975	*****	-0.1664	-0.0383	0.0712	0.0228	*****	*****	*****	*****	*****
-1.000	-1.6161	-1.4412	-1.0940	-0.6888	-0.2510	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 38 , Point No. = 772
 $C_N = 1.019$, $C_m = -0.1452$
 $\alpha = 21.6^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.6171	*****
0.20	-1.6018	-1.6161
0.30	-1.5734	*****
0.40	-1.4509	-1.4412
0.50	-1.2759	*****
0.60	-1.0976	-1.0940
0.70	-0.9305	*****
0.80	-0.7058	-0.6888
0.90	-0.4041	*****
0.95	-0.2641	-0.2510

Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5680	-0.4917	-0.1807	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5585	-0.4928	-0.1918	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5757	-0.5059	-0.2197	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5800	-0.5005	-0.2335	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.5127	-0.2712	-0.2795	-0.2795	-0.3236	-0.3236	-0.3236	-0.3236	-0.3236
0.300	-0.5776	-0.5140	-0.2964	-0.2952	-0.2952	-0.3438	-0.3438	-0.3438	-0.3438	-0.3438
0.350	-0.6028	-0.5491	-0.3431	-0.3161	-0.3601	-0.3601	-0.3601	-0.3601	-0.3601	-0.3601
0.400	-0.6161	-0.6069	-0.4307	-0.3836	-0.4257	-0.4257	-0.4257	-0.4257	-0.4257	-0.4257
0.450	-0.6553	-0.7282	-0.5684	-0.5030	-0.5015	-0.5015	-0.5015	-0.5015	-0.5015	-0.5015
0.500	-0.8327	-0.9642	-0.8410	-0.7300	-0.6470	-0.6470	-0.6470	-0.6470	-0.6470	-0.6470
0.525	*****	-1.1546	-1.0196	-0.8804	-0.7112	-0.7112	-0.7112	-0.7112	-0.7112	-0.7112
0.550	-1.3233	-1.3788	-1.2409	-1.0786	-0.7584	-0.7584	-0.7584	-0.7584	-0.7584	-0.7584
0.575	*****	-1.6157	-1.4497	-1.2815	-0.7961	-0.7961	-0.7961	-0.7961	-0.7961	-0.7961
0.600	-2.0033	-1.8775	-1.7170	-1.4618	-0.7795	-0.7795	-0.7795	-0.7795	-0.7795	-0.7795
0.625	*****	*****	-1.9395	-1.5666	-0.6930	-0.6930	-0.6930	-0.6930	-0.6930	-0.6930
0.650	-2.5029	-2.3254	-2.1255	-1.4634	-0.5474	-0.5474	-0.5474	-0.5474	-0.5474	-0.5474
0.675	*****	-2.1257	-1.7829	-1.2400	-0.4285	-0.4285	-0.4285	-0.4285	-0.4285	-0.4285
0.700	-2.4975	-1.7900	-1.4741	-0.9755	-0.4416	-0.4416	-0.4416	-0.4416	-0.4416	-0.4416
0.725	*****	-1.6799	*****	-0.8648	-0.4455	-0.4455	-0.4455	-0.4455	-0.4455	-0.4455
0.750	-2.1190	-1.6627	*****	-0.8391	-0.4372	-0.4372	-0.4372	-0.4372	-0.4372	-0.4372
0.775	*****	-1.6626	-1.2892	-0.8328	-0.4131	-0.4131	-0.4131	-0.4131	-0.4131	-0.4131
0.800	-1.9399	-1.6611	-1.2861	-0.8067	*****	*****	*****	*****	*****	*****
0.825	*****	-1.6870	-1.2915	-0.8150	-0.3754	-0.3754	-0.3754	-0.3754	-0.3754	-0.3754
0.850	-1.8546	-1.6900	-1.3174	-0.8317	-0.3728	-0.3728	-0.3728	-0.3728	-0.3728	-0.3728
0.875	*****	-1.6372	-1.3071	-0.8319	-0.3479	-0.3479	-0.3479	-0.3479	-0.3479	-0.3479
0.900	-1.7721	-1.5767	-1.2451	-0.7990	*****	*****	*****	*****	*****	*****
0.925	*****	-1.5616	-1.1804	-0.7585	-0.3410	-0.3410	-0.3410	-0.3410	-0.3410	-0.3410
0.950	-1.7328	-1.5535	-1.1697	-0.7372	-0.3059	-0.3059	-0.3059	-0.3059	-0.3059	-0.3059
0.975	*****	-1.5499	-1.1576	-0.7256	-0.2965	-0.2965	-0.2965	-0.2965	-0.2965	-0.2965
1.000	-1.6938	-1.5115	-1.1400	-0.7090	-0.2856	-0.2856	-0.2856	-0.2856	-0.2856	-0.2856
-0.200	$C_{p,l}$	0.5162	0.4595	0.4225	*****	*****	*****	*****	*****	*****
-0.400	$C_{p,l}$	0.5265	0.4645	0.4091	0.2090	0.4242	0.4242	0.4242	0.4242	0.4242
-0.600	$C_{p,l}$	0.5254	0.4713	0.4126	0.2417	0.5075	0.5075	0.5075	0.5075	0.5075
-0.700	$C_{p,l}$	*****	0.4744	0.4056	0.2585	0.5220	0.5220	0.5220	0.5220	0.5220
-0.800	$C_{p,l}$	*****	*****	0.4029	0.2699	0.4411	0.4411	0.4411	0.4411	0.4411
-0.850	$C_{p,l}$	0.4055	0.3871	0.2964	0.3917	0.3917	0.3917	0.3917	0.3917	0.3917
-0.900	$C_{p,l}$	0.3800	0.3212	0.3314	0.2912	0.3446	0.3446	0.3446	0.3446	0.3446
-0.950	$C_{p,l}$	0.2683	0.0448	0.1639	0.2188	0.0523	0.0523	0.0523	0.0523	0.0523
-0.975	$C_{p,l}$	*****	-0.2054	-0.0713	0.0547	0.0144	0.0144	0.0144	0.0144	0.0144
-1.000	$C_{p,l}$	-1.7174	-1.4975	-1.1381	-0.6948	-0.2740	-0.2740	-0.2740	-0.2740	-0.2740

Small Radius L.E.

Run No. = 38 , Point No. = 773

$C_N = 1.072$, $C_m = -0.1511$

$\alpha = 22.6^\circ$, $M_\infty = 0.600$

$R_{mac} = 6.0 \times 10^6$

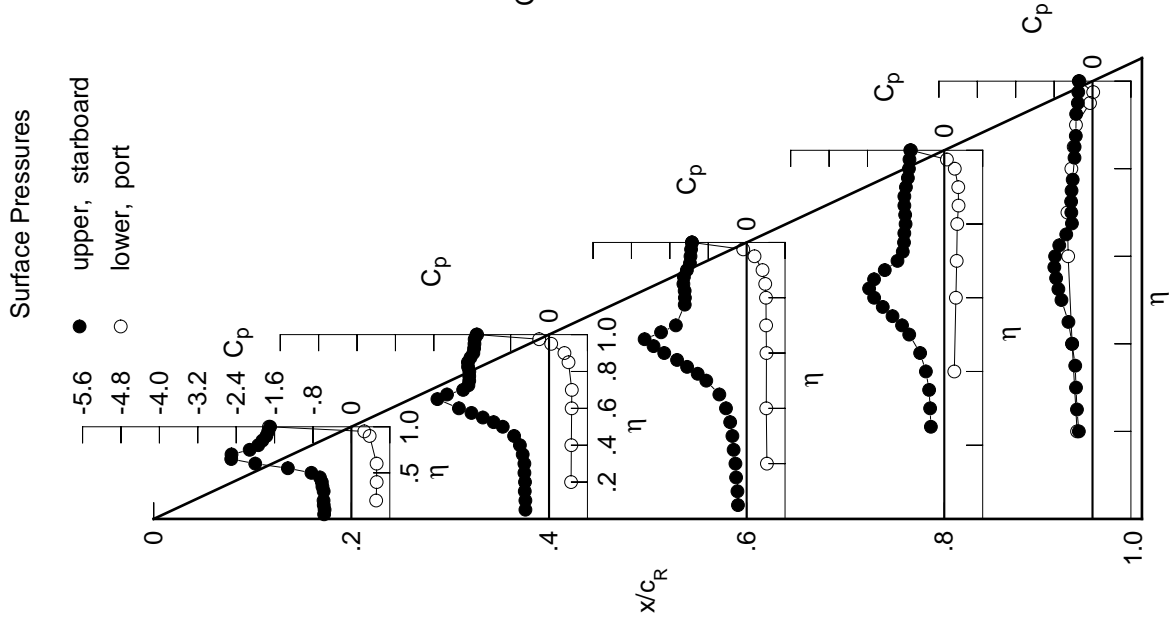
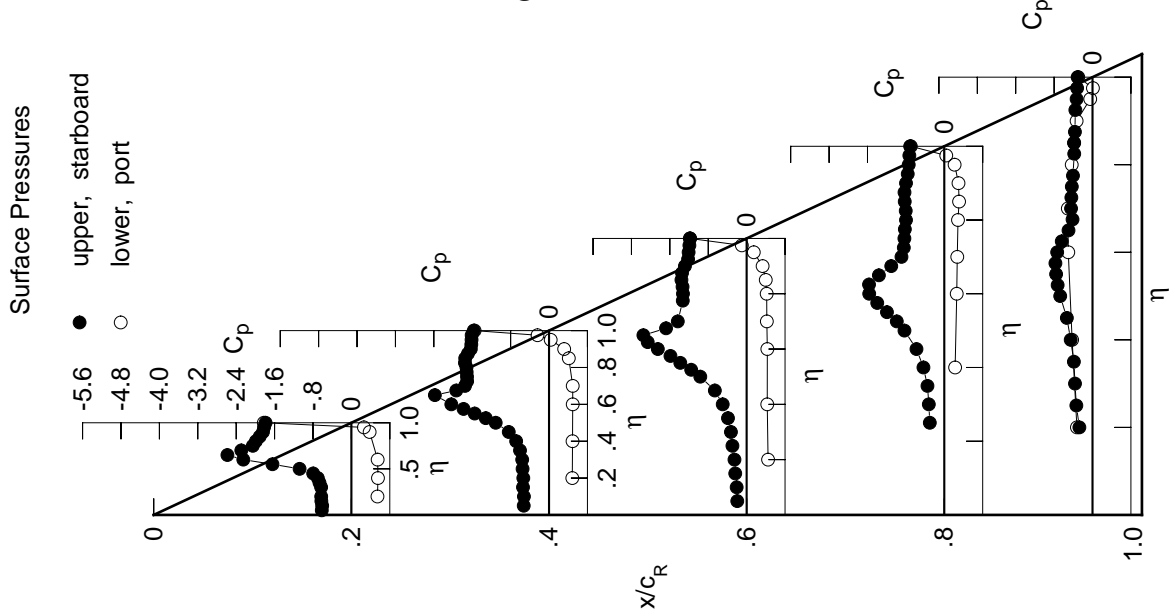


Table D2. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6167	-0.5273	-0.1950	*****	*****
0.100	-0.6086	-0.5236	-0.2082	*****	*****
0.150	-0.6254	-0.5426	-0.2377	*****	*****
0.200	-0.6286	-0.5364	-0.2536	*****	-0.2734
0.250	*****	-0.5512	-0.2956	-0.3016	-0.3368
0.300	-0.6303	-0.5592	-0.3275	-0.3223	-0.3651
0.350	-0.6644	-0.6045	-0.3887	-0.3501	-0.3879
0.400	-0.6992	-0.6847	-0.4984	-0.4342	-0.4548
0.450	-0.7959	-0.8392	-0.6621	-0.5793	-0.5347
0.500	-1.0792	-1.1112	-0.9659	-0.8297	-0.6731
0.525	*****	-1.3185	-1.1553	-0.9895	-0.7265
0.550	-1.6438	-1.5488	-1.3824	-1.1941	-0.7587
0.575	*****	-1.7806	-1.5872	-1.3965	-0.7729
0.600	-2.2524	-2.0362	-1.8501	-1.5637	-0.7362
0.625	*****	*****	-2.0606	-1.5678	-0.6410
0.650	-2.5832	-2.3782	-2.1515	-1.3627	-0.4996
0.675	*****	-1.9326	-1.6793	-1.1044	-0.4164
0.700	-2.2934	-1.7515	-1.4341	-0.8922	-0.4472
0.725	*****	-1.7066	*****	-0.8429	-0.4410
0.750	-2.0536	-1.7089	*****	-0.8314	-0.4313
0.775	*****	-1.7160	-1.3304	-0.8215	-0.4076
0.800	-1.9899	-1.7201	-1.3266	-0.7974	*****
0.825	*****	-1.7518	-1.3352	-0.8033	-0.3804
0.850	-1.9101	-1.7466	-1.3588	-0.8242	-0.3851
0.875	*****	-1.6892	-1.3466	-0.8287	-0.3667
0.900	-1.8427	-1.6296	-1.2853	-0.7972	*****
0.925	*****	-1.6191	-1.2200	-0.7612	-0.3577
0.950	-1.8202	-1.6144	-1.2085	-0.7405	-0.3310
0.975	*****	-1.6116	-1.1925	-0.7279	-0.3206
1.000	-1.7880	-1.5685	-1.1759	-0.7114	-0.3104
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5433	0.4846	0.4464	*****	-0.3247
-0.400	0.5534	0.4894	0.4293	0.2259	-0.4249
-0.600	0.5476	0.4934	0.4308	0.2596	-0.5047
-0.700	*****	0.4939	0.4207	0.2702	-0.5146
-0.800	*****	*****	0.4176	0.2859	-0.4324
-0.850	*****	0.4116	0.3982	0.3084	-0.3817
-0.900	0.3798	0.3151	0.3327	0.2960	-0.3313
-0.950	0.2607	0.0341	0.1487	0.2156	-0.0481
-0.975	*****	-0.2404	-0.1002	0.0408	0.0088
-1.000	-1.8250	-1.5508	-1.1838	-0.6968	-0.2970

Small Radius L.E.
 Run No. = 38 , Point No. = 774
 $C_N = 1.125$, $C_m = -0.1560$
 $\alpha = 23.6^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.7781	*****
0.20	-1.7880	-1.8250
0.30	-1.7001	*****
0.40	-1.5685	-1.5508
0.50	-1.3877	*****
0.60	-1.1759	-1.1838
0.70	-0.9750	*****
0.80	-0.7114	-0.6968
0.90	-0.4196	*****
0.95	-0.3104	-0.2970

Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6712	-0.5692	-0.2158	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6655	-0.5662	-0.2313	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6790	-0.5810	-0.2613	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6863	-0.5805	-0.2809	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6007	-0.3252	-0.3287	-0.3287	-0.3287	-0.3287	-0.3287	-0.3287	-0.2657
0.300	-0.6906	-0.6186	-0.3673	-0.3565	-0.3565	-0.3565	-0.3565	-0.3565	-0.3565	-0.3479
0.350	-0.7354	-0.6784	-0.4418	-0.3989	-0.3989	-0.3989	-0.3989	-0.3989	-0.3989	-0.3938
0.400	-0.8059	-0.7786	-0.5737	-0.4958	-0.4958	-0.4958	-0.4958	-0.4958	-0.4958	-0.4186
0.450	-0.9723	-0.9648	-0.7623	-0.6628	-0.6628	-0.6628	-0.6628	-0.6628	-0.6628	-0.4919
0.500	-1.3518	-1.2629	-1.0891	-0.9286	-0.9286	-0.9286	-0.9286	-0.9286	-0.9286	-0.5680
0.525	*****	-1.4726	-1.2852	-1.0954	-1.0954	-1.0954	-1.0954	-1.0954	-1.0954	-0.6946
0.550	-1.9352	-1.7010	-1.5130	-1.2988	-1.2988	-1.2988	-1.2988	-1.2988	-1.2988	-0.7361
0.575	*****	-1.9271	-1.7148	-1.5005	-1.5005	-1.5005	-1.5005	-1.5005	-1.5005	-0.7509
0.600	-2.4673	-2.1670	-1.9630	-1.6317	-1.6317	-1.6317	-1.6317	-1.6317	-1.6317	-0.7496
0.625	*****	*****	-2.1648	-1.4950	-1.4950	-1.4950	-1.4950	-1.4950	-1.4950	-0.7008
0.650	-2.5974	-2.2267	-2.1109	-1.2451	-1.2451	-1.2451	-1.2451	-1.2451	-1.2451	-0.6005
0.675	*****	-1.8597	-1.6173	-0.9939	-0.9939	-0.9939	-0.9939	-0.9939	-0.9939	-0.4713
0.700	-2.1713	-1.7679	-1.4364	-0.8678	-0.8678	-0.8678	-0.8678	-0.8678	-0.8678	-0.4240
0.725	*****	-1.7476	*****	-0.8452	-0.8452	-0.8452	-0.8452	-0.8452	-0.8452	-0.4594
0.750	-2.0636	-1.7591	*****	-0.8296	-0.8296	-0.8296	-0.8296	-0.8296	-0.8296	-0.4526
0.775	*****	-1.7681	-1.3797	-0.8244	-0.8244	-0.8244	-0.8244	-0.8244	-0.8244	-0.4440
0.800	-2.0296	-1.7809	-1.3756	-0.7985	-0.7985	-0.7985	-0.7985	-0.7985	-0.7985	-0.4243
0.825	*****	-1.8105	-1.3853	-0.8056	-0.8056	-0.8056	-0.8056	-0.8056	-0.8056	*****
0.850	-1.9618	-1.7939	-1.4037	-0.8238	-0.8238	-0.8238	-0.8238	-0.8238	-0.8238	-0.4065
0.875	*****	-1.7378	-1.3936	-0.8314	-0.8314	-0.8314	-0.8314	-0.8314	-0.8314	-0.4165
0.900	-1.9122	-1.6882	-1.3303	-0.8008	-0.8008	-0.8008	-0.8008	-0.8008	-0.8008	-0.4009
0.925	*****	-1.6837	-1.2672	-0.7668	-0.7668	-0.7668	-0.7668	-0.7668	-0.7668	*****
0.950	-1.8990	-1.6811	-1.2531	-0.7480	-0.7480	-0.7480	-0.7480	-0.7480	-0.7480	-0.3919
0.975	*****	-1.6773	-1.2390	-0.7356	-0.7356	-0.7356	-0.7356	-0.7356	-0.7356	-0.3643
1.000	-1.8693	-1.6369	-1.2178	-0.7185	-0.7185	-0.7185	-0.7185	-0.7185	-0.7185	-0.3514
										-0.3437
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5641	0.5046	0.4592	*****	*****	*****	*****	*****	*****	-0.3304
-0.400	0.5751	0.5062	0.4444	0.2384	0.2384	0.2384	0.2384	0.2384	0.2384	-0.4304
-0.600	0.5663	0.5089	0.4445	0.2682	0.2682	0.2682	0.2682	0.2682	0.2682	-0.5057
-0.700	*****	0.5071	0.4369	0.2833	0.2833	0.2833	0.2833	0.2833	0.2833	-0.5132
-0.800	*****	*****	0.4281	0.2949	0.2949	0.2949	0.2949	0.2949	0.2949	-0.4298
-0.850	*****	0.4134	0.4047	0.3167	0.3167	0.3167	0.3167	0.3167	0.3167	-0.3773
-0.900	0.3769	0.3066	0.3307	0.3004	0.3004	0.3004	0.3004	0.3004	0.3004	-0.3256
-0.950	0.2481	0.0151	0.1311	0.2076	0.2076	0.2076	0.2076	0.2076	0.2076	-0.0484
-0.975	*****	-0.2812	-0.1312	0.0218	0.0218	0.0218	0.0218	0.0218	0.0218	-0.0027
-1.000	-1.9129	-1.6148	-1.2223	-0.6994	-0.6994	-0.6994	-0.6994	-0.6994	-0.6994	-0.3289

Small Radius L.E.

Run No. = 38 , Point No. = 775

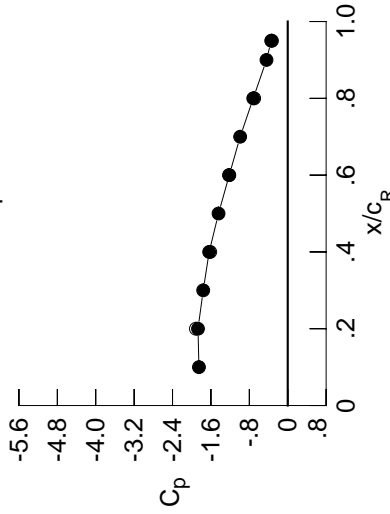
$C_N = 1.177$, $C_m = -0.1624$

$\alpha = 24.6^\circ$, $M_\infty = 0.600$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.8500	*****
0.20	-1.8693	-1.9129
0.30	-1.7607	*****
0.40	-1.6369	-1.6148
0.50	-1.4417	*****
0.60	-1.2178	-1.2223
0.70	-0.9910	*****
0.80	-0.7185	-0.6994
0.90	-0.4424	*****
0.95	-0.3437	-0.3289

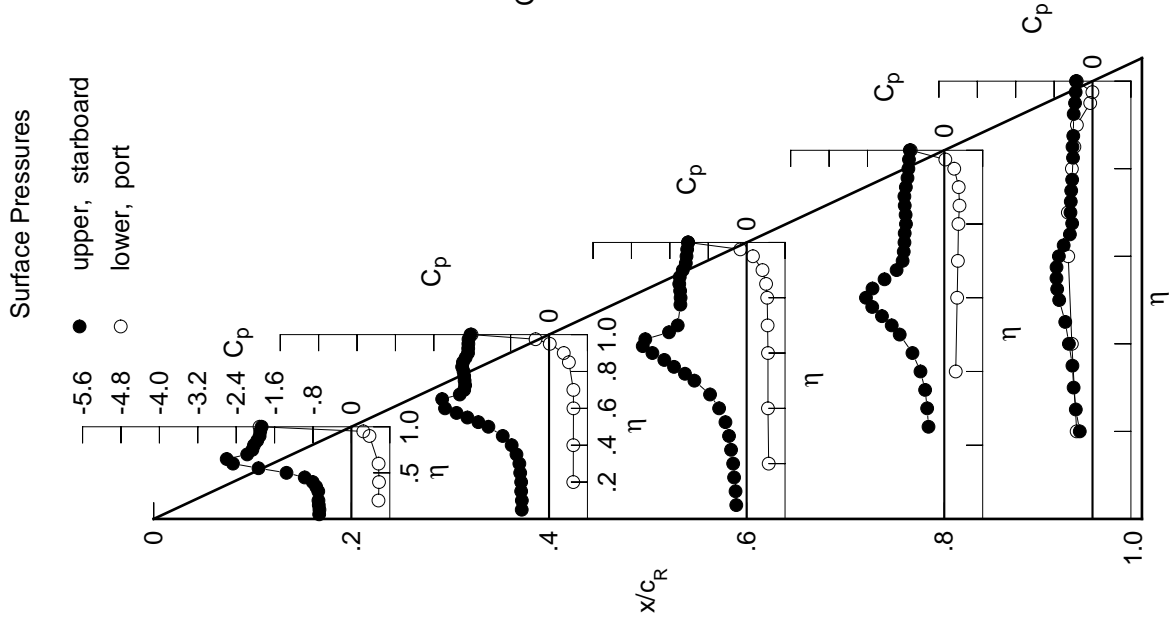
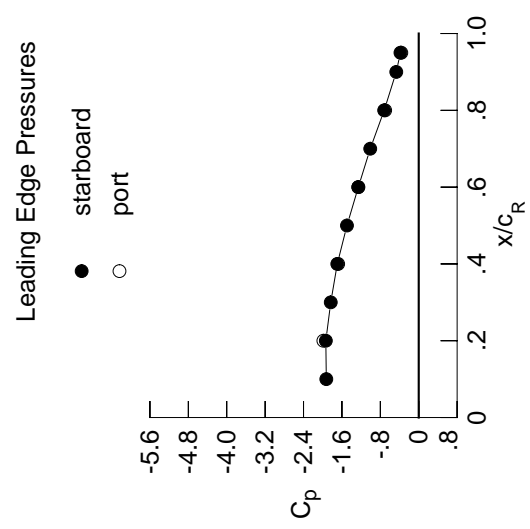


Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.7219	-0.6053	-0.2327	*****	*****	*****	*****	*****	*****	*****
0.100	-0.7130	-0.6030	-0.2490	*****	*****	*****	*****	*****	*****	*****
0.150	-0.7285	-0.6214	-0.2820	*****	*****	*****	*****	*****	*****	*****
0.200	-0.7330	-0.6251	-0.3042	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6473	-0.3558	-0.3544	-0.3491	*****	*****	*****	*****	*****
0.300	-0.7462	-0.6754	-0.4051	-0.3891	-0.4123	*****	*****	*****	*****	*****
0.350	-0.8058	-0.7506	-0.4914	-0.4446	-0.4421	*****	*****	*****	*****	*****
0.400	-0.9137	-0.8783	-0.6430	-0.5589	-0.5224	*****	*****	*****	*****	*****
0.450	-1.1532	-1.0936	-0.8563	-0.7429	-0.5992	*****	*****	*****	*****	*****
0.500	-1.6075	-1.4123	-1.1994	-1.0213	-0.7112	*****	*****	*****	*****	*****
0.525	*****	-1.6233	-1.3943	-1.1908	-0.7359	*****	*****	*****	*****	*****
0.550	-2.1820	-1.8459	-1.6214	-1.3934	-0.7401	*****	*****	*****	*****	*****
0.575	*****	-2.0612	-1.8179	-1.5902	-0.7289	*****	*****	*****	*****	*****
0.600	-2.6562	-2.2878	-2.0567	-1.5969	-0.6756	*****	*****	*****	*****	*****
0.625	*****	*****	-2.2503	-1.3786	-0.5765	*****	*****	*****	*****	*****
0.650	-2.5627	-2.1169	-1.9872	-1.1196	-0.4655	*****	*****	*****	*****	*****
0.675	*****	-1.8690	-1.5762	-0.9196	-0.4451	*****	*****	*****	*****	*****
0.700	-2.1836	-1.8179	-1.4574	-0.8613	-0.4823	*****	*****	*****	*****	*****
0.725	*****	-1.8072	*****	-0.8436	-0.4767	*****	*****	*****	*****	*****
0.750	-2.1075	-1.8194	*****	-0.8330	-0.4699	*****	*****	*****	*****	*****
0.775	*****	-1.8300	-1.4266	-0.8250	-0.4548	*****	*****	*****	*****	*****
0.800	-2.0914	-1.8379	-1.4262	-0.8011	*****	*****	*****	*****	*****	*****
0.825	*****	-1.8694	-1.4368	-0.8087	-0.4426	*****	*****	*****	*****	*****
0.850	-2.0219	-1.8469	-1.4597	-0.8209	-0.4521	*****	*****	*****	*****	*****
0.875	*****	-1.7940	-1.4436	-0.8251	-0.4365	*****	*****	*****	*****	*****
0.900	-1.9740	-1.7456	-1.3748	-0.7967	*****	*****	*****	*****	*****	*****
0.925	*****	-1.7471	-1.3065	-0.7675	-0.4258	*****	*****	*****	*****	*****
0.950	-1.9621	-1.7430	-1.2912	-0.7485	-0.3998	*****	*****	*****	*****	*****
0.975	*****	-1.7402	-1.2789	-0.7376	-0.3930	*****	*****	*****	*****	*****
1.000	-1.9356	-1.6968	-1.2585	-0.7197	-0.3812	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5886	0.5258	0.4787	*****	-0.3323	*****	*****	*****	*****	*****
-0.600	0.5986	0.5284	0.4644	0.2547	-0.4329	*****	*****	*****	*****	*****
-0.700	0.5850	0.5266	0.4629	0.2803	-0.4977	*****	*****	*****	*****	*****
-0.800	*****	0.5229	0.4509	0.2979	-0.5039	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4396	0.3070	-0.4214	*****	*****	*****	*****	*****
-0.900	0.3744	0.2986	0.4154	0.4120	0.3259	-0.3678	*****	*****	*****	*****
-0.950	0.2366	0.0004	0.3304	0.3059	-0.3131	*****	*****	*****	*****	*****
-0.975	*****	-0.3268	0.1142	0.2015	-0.0444	*****	*****	*****	*****	*****
-1.000	-1.9864	-1.6786	-1.2592	-0.6989	-0.3630	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 38 , Point No. = 776
 $C_N = 1.234$, $C_m = -0.1720$
 $\alpha = 25.6^\circ$, $M_\infty = 0.599$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.9255	*****
0.20	-1.9356	-1.9864
0.30	-1.8329	*****
0.40	-1.6968	-1.6786
0.50	-1.4953	*****
0.60	-1.2585	-1.2592
0.70	-1.0101	*****
0.80	-0.7197	-0.6989
0.90	-0.4684	*****
0.95	-0.3812	-0.3630

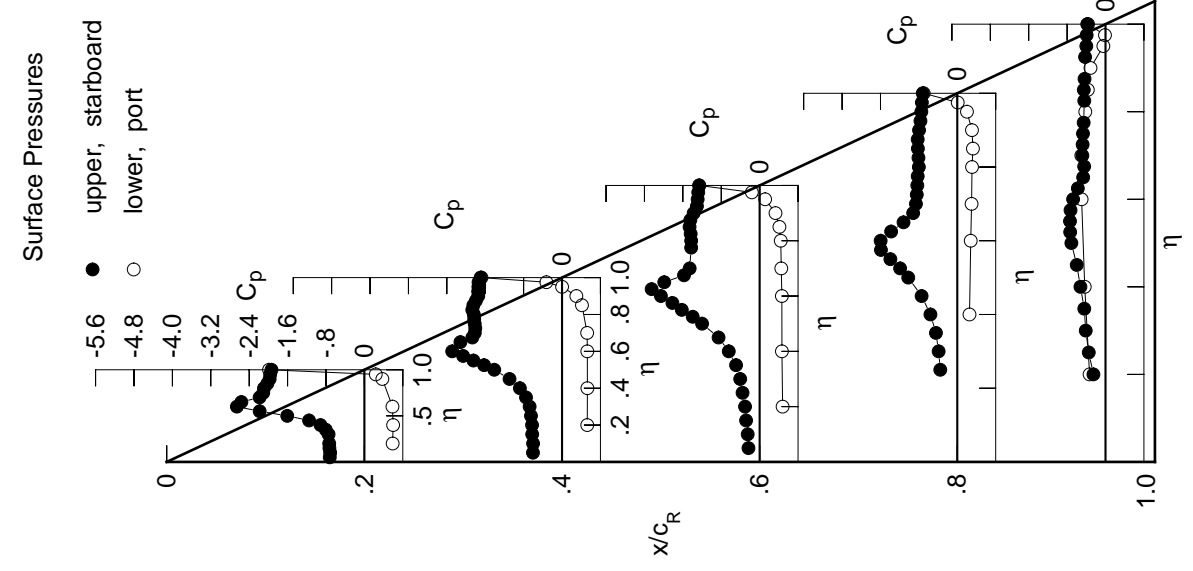
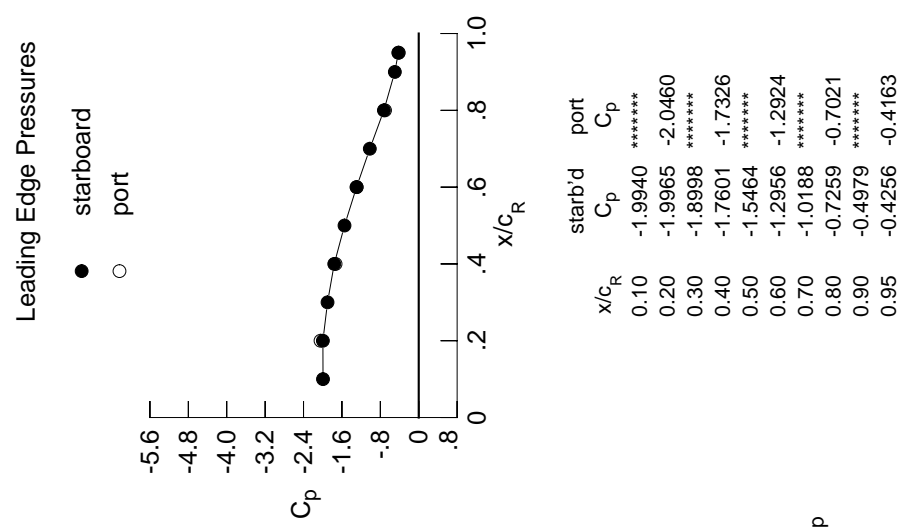


Table D2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.7716	-0.6416	-0.2493	*****	*****	*****	*****	*****	*****	*****
0.100	-0.7599	-0.6398	-0.2665	*****	*****	*****	*****	*****	*****	*****
0.150	-0.7792	-0.6626	-0.2993	*****	*****	*****	*****	*****	*****	*****
0.200	-0.7831	-0.6668	-0.3281	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6989	-0.3847	-0.3824	-0.3506	*****	*****	*****	*****	*****
0.300	-0.8071	-0.7389	-0.4443	-0.4260	-0.4267	*****	*****	*****	*****	*****
0.350	-0.8890	-0.8306	-0.5469	-0.4915	-0.4661	*****	*****	*****	*****	*****
0.400	-1.0382	-0.9763	-0.7155	-0.6201	-0.5490	*****	*****	*****	*****	*****
0.450	-1.3348	-1.2160	-0.9435	-0.8198	-0.6261	*****	*****	*****	*****	*****
0.500	-1.8232	-1.5483	-1.2970	-1.1097	-0.7185	*****	*****	*****	*****	*****
0.525	*****	-1.7576	-1.4943	-1.2798	-0.7347	*****	*****	*****	*****	*****
0.550	-2.3674	-1.9747	-1.7165	-1.4828	-0.7253	*****	*****	*****	*****	*****
0.575	*****	-2.1782	-1.9043	-1.6391	-0.7065	*****	*****	*****	*****	*****
0.600	-2.7878	-2.3921	-2.1319	-1.4828	-0.6520	*****	*****	*****	*****	*****
0.625	*****	*****	-2.3156	-1.2534	-0.5628	*****	*****	*****	*****	*****
0.650	-2.4746	-2.0780	-1.8618	-1.0074	-0.4716	*****	*****	*****	*****	*****
0.675	*****	-1.9118	-1.5558	-0.8889	-0.4719	*****	*****	*****	*****	*****
0.700	-2.2754	-1.8749	-1.4884	-0.8620	-0.5125	*****	*****	*****	*****	*****
0.725	*****	-1.8716	*****	-0.8423	-0.5137	*****	*****	*****	*****	*****
0.750	-2.2076	-1.8815	*****	-0.8357	-0.5081	*****	*****	*****	*****	*****
0.775	*****	-1.8920	-1.4714	-0.8347	-0.4941	*****	*****	*****	*****	*****
0.800	-2.1660	-1.9036	-1.4718	-0.8075	*****	*****	*****	*****	*****	*****
0.825	*****	-1.9320	-1.4882	-0.8147	-0.4835	*****	*****	*****	*****	*****
0.850	-2.0841	-1.9047	-1.5127	-0.8222	-0.4965	*****	*****	*****	*****	*****
0.875	*****	-1.8521	-1.4908	-0.8183	-0.4812	*****	*****	*****	*****	*****
0.900	-2.0311	-1.8032	-1.4169	-0.7941	*****	*****	*****	*****	*****	*****
0.925	*****	-1.8047	-1.3440	-0.7689	-0.4685	*****	*****	*****	*****	*****
0.950	-2.0213	-1.8024	-1.3302	-0.7498	-0.4420	*****	*****	*****	*****	*****
0.975	*****	-1.7975	-1.3174	-0.7405	-0.4340	*****	*****	*****	*****	*****
1.000	-1.9965	-1.7601	-1.2956	-0.7259	-0.4256	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.6154	0.5476	0.4962	0.4510	0.4182	0.3861	0.3561	0.3261	0.2961
-0.400	$C_{p,l}$	0.6231	0.5504	0.4807	0.4265	0.3746	0.3426	0.3126	0.2826	0.2526
-0.600	$C_{p,l}$	0.6035	0.5466	0.4816	0.4276	0.3766	0.3446	0.3146	0.2846	0.2546
-0.700	$C_{p,l}$	*****	0.5403	0.4668	0.4130	0.3610	0.3290	0.2990	0.2690	0.2390
-0.800	$C_{p,l}$	*****	*****	0.4510	0.3187	0.2090	0.1361	0.0641	-0.0079	-0.0800
-0.850	$C_{p,l}$	*****	0.4182	0.4178	0.3361	0.2541	0.1721	0.0901	0.0081	-0.0739
-0.900	$C_{p,l}$	0.3727	0.2906	0.3281	0.3096	0.3009	0.2919	0.2829	0.2739	0.2649
-0.950	$C_{p,l}$	0.2263	-0.0086	0.0976	0.1942	0.0398	-0.0682	-0.1658	-0.2628	-0.3598
-0.975	$C_{p,l}$	*****	-0.3546	-0.1953	-0.0068	-0.0207	-0.1177	-0.2147	-0.3117	-0.4087
-1.000	$C_{p,l}$	-2.0460	-1.7326	-1.2924	-0.7021	-0.4163	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 38 , Point No. = 777
 $C_N = 1.284$, $C_m = -0.1776$
 $\alpha = 26.7^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.9940	*****
0.20	-1.9965	-2.0460
0.30	-1.8998	*****
0.40	-1.7601	-1.7326
0.50	-1.5464	*****
0.60	-1.2956	-1.2924
0.70	-1.0188	*****
0.80	-0.7259	-0.7021
0.90	-0.4979	*****
0.95	-0.4256	-0.4163

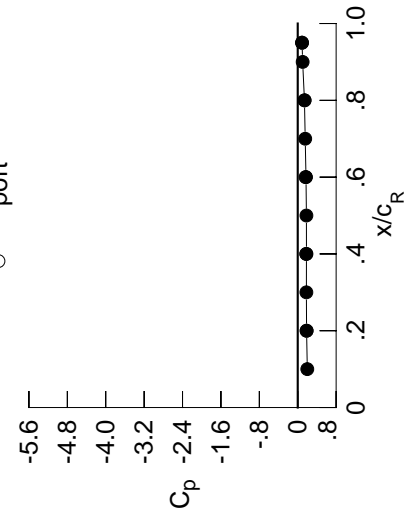
Table D2. Concluded.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0254	-0.0089	0.0996	0.0996	0.0996	0.0996	0.0996	0.0996	0.0996	0.0996
0.100	-0.0200	-0.0070	0.0884	0.0884	0.0884	0.0884	0.0884	0.0884	0.0884	0.0884
0.150	-0.0218	-0.0105	0.0727	0.0727	0.0727	0.0727	0.0727	0.0727	0.0727	0.0727
0.200	-0.0243	-0.0052	0.0599	0.0599	0.0599	0.0599	0.0599	0.0599	0.0599	0.0599
0.250	0.0000	-0.0087	0.0480	0.0480	0.0480	0.0480	0.0480	0.0480	0.0480	0.0480
0.300	-0.0439	-0.0079	0.0392	0.0392	0.0392	0.0392	0.0392	0.0392	0.0392	0.0392
0.350	-0.0539	-0.0128	0.0257	0.0257	0.0257	0.0257	0.0257	0.0257	0.0257	0.0257
0.400	-0.0554	-0.0120	0.0171	0.0171	0.0171	0.0171	0.0171	0.0171	0.0171	0.0171
0.450	-0.0633	-0.0175	0.0164	0.0164	0.0164	0.0164	0.0164	0.0164	0.0164	0.0164
0.500	-0.0646	-0.0197	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056
0.525	0.0000	-0.0220	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
0.550	-0.0717	-0.0217	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001
0.575	0.0000	-0.0252	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018
0.600	-0.0746	-0.0247	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054
0.625	0.0000	0.0000	-0.0102	-0.0102	-0.0102	-0.0102	-0.0102	-0.0102	-0.0102	-0.0102
0.650	-0.0739	-0.0545	-0.0052	-0.0052	-0.0052	-0.0052	-0.0052	-0.0052	-0.0052	-0.0052
0.675	0.0000	-0.0523	-0.0182	-0.0182	-0.0182	-0.0182	-0.0182	-0.0182	-0.0182	-0.0182
0.700	-0.0704	-0.0562	-0.0250	-0.0250	-0.0250	-0.0250	-0.0250	-0.0250	-0.0250	-0.0250
0.725	0.0000	-0.0681	0.0000	0.0000	-0.0751	-0.0751	-0.0751	-0.0751	-0.0751	-0.0751
0.750	-0.0590	-0.0722	0.0000	0.0000	-0.0787	-0.0787	-0.0787	-0.0787	-0.0787	-0.0787
0.775	0.0000	-0.0764	-0.0604	-0.0604	-0.0794	-0.0794	-0.0794	-0.0794	-0.0794	-0.0794
0.800	-0.0408	-0.0861	-0.0638	-0.0638	-0.0765	-0.0765	-0.0765	-0.0765	-0.0765	-0.0765
0.825	0.0000	-0.0871	-0.0718	-0.0718	-0.1035	-0.1035	-0.1035	-0.1035	-0.1035	-0.1035
0.850	-0.0152	-0.0814	-0.0883	-0.0883	-0.1183	-0.1183	-0.1183	-0.1183	-0.1183	-0.1183
0.875	0.0000	-0.0661	-0.0873	-0.0873	-0.1288	-0.1288	-0.1288	-0.1288	-0.1288	-0.1288
0.900	0.0183	-0.0510	-0.0869	-0.0869	-0.1376	-0.1376	-0.1376	-0.1376	-0.1376	-0.1376
0.925	0.0000	-0.0290	-0.0682	-0.0682	-0.1282	-0.1282	-0.1282	-0.1282	-0.1282	-0.1282
0.950	0.0614	0.0012	-0.0345	-0.0345	-0.1025	-0.1025	-0.1025	-0.1025	-0.1025	-0.1025
0.975	0.0000	0.0461	0.0247	0.0247	-0.0404	-0.0404	-0.0404	-0.0404	-0.0404	-0.0404
1.000	0.1842	0.1817	0.1722	0.1722	0.1400	0.1400	0.0899	0.0899	0.0899	0.0899
η	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0200	-0.0035	0.0556	0.0556	0.0556	0.0556	0.0556	0.0556	0.0556	0.0556
-0.400	-0.0558	-0.0093	0.0200	0.0200	0.0798	0.0798	0.3273	0.3273	0.3273	0.3273
-0.600	-0.0789	-0.0168	-0.0094	-0.0094	-0.0802	-0.0802	-0.3484	-0.3484	-0.3484	-0.3484
-0.700	0.0000	-0.0632	-0.0209	-0.0209	-0.0760	-0.0760	-0.3822	-0.3822	-0.3822	-0.3822
-0.800	0.0000	0.0000	-0.0747	-0.0747	-0.0663	-0.0663	-0.4357	-0.4357	-0.4357	-0.4357
-0.850	0.0000	-0.0809	-0.0930	-0.0930	-0.1289	-0.1289	-0.5034	-0.5034	-0.5034	-0.5034
-0.900	-0.0231	-0.0535	-0.0946	-0.0946	-0.1485	-0.1485	-0.6700	-0.6700	-0.6700	-0.6700
-0.950	0.0131	0.0047	-0.0405	-0.0405	-0.1159	-0.1159	-0.4118	-0.4118	-0.4118	-0.4118
-0.975	0.0000	0.0545	0.0128	0.0128	-0.0483	-0.0483	-0.2201	-0.2201	-0.2201	-0.2201
-1.000	0.1853	0.1761	0.1635	0.1635	0.1447	0.1447	0.0897	0.0897	0.0897	0.0897

Small Radius L.E.
 Run No. = 38 , Point No. = 778
 $C_N = 0.001$, $C_m = -0.0069$
 $\alpha = 0.1^\circ$, $M_\infty = 0.600$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1995	0.1853
0.20	0.1842	0.1853
0.30	0.1803	0.1853
0.40	0.1817	0.1761
0.50	0.1809	0.1853
0.60	0.1722	0.1635
0.70	0.1558	0.1447
0.80	0.1400	0.1447
0.90	0.1025	0.1447
0.95	0.0899	0.0897

Surface Pressures

● upper, starboard
 ○ lower, port

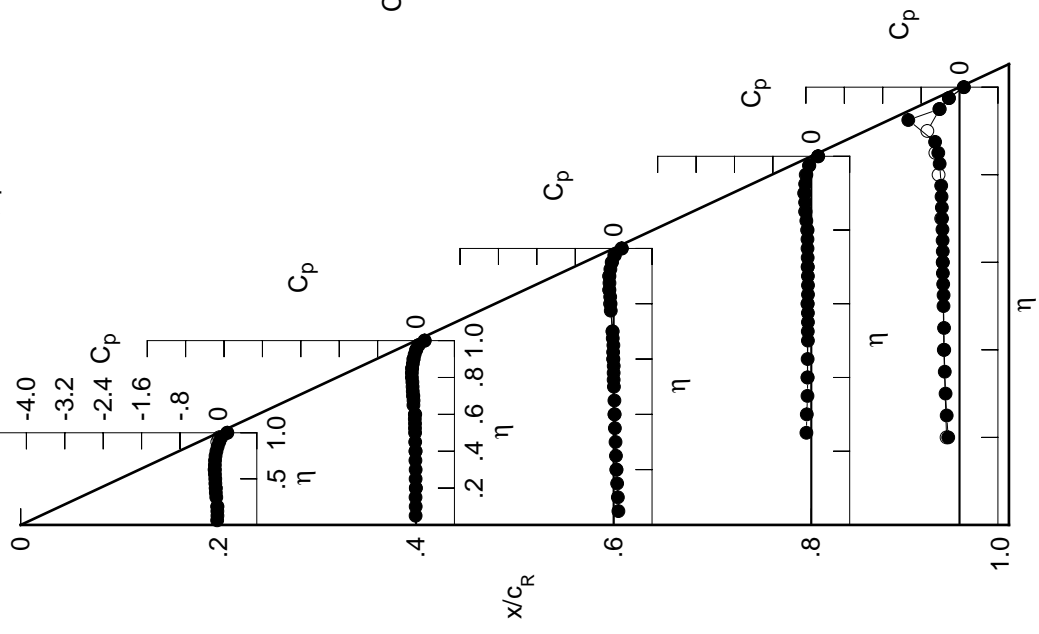
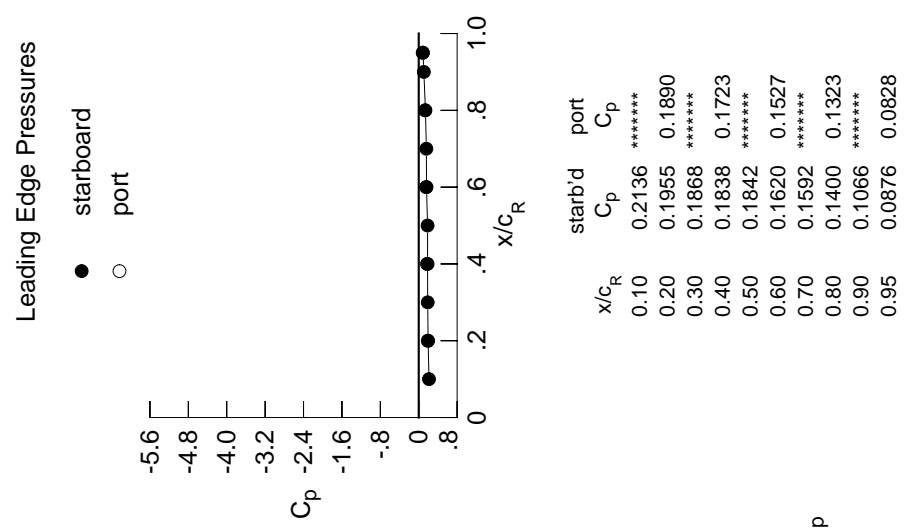


Table D3. Tabulations and Plots of Surface Pressure Coefficients.

η	x/c_R .2	$C_{p,u}$	x/c_R .4	$C_{p,u}$	x/c_R .6	$C_{p,u}$	x/c_R .8	$C_{p,u}$	x/c_R .95	$C_{p,u}$	
0.050	-0.0062	0.0058	0.1235	0.1235	0.1235	0.1235	0.1235	0.1235	0.1235	0.1235	
0.100	-0.0039	0.0054	0.1121	0.1121	0.1121	0.1121	0.1121	0.1121	0.1121	0.1121	
0.150	-0.0089	0.0055	0.0998	0.0998	0.0998	0.0998	0.0998	0.0998	0.0998	0.0998	
0.200	-0.0115	0.0070	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	
0.250	0.0055	0.0055	0.0750	0.0750	0.0750	0.0750	0.0750	0.0750	0.0750	0.0750	
0.300	-0.0261	0.0025	0.0632	0.0632	0.0632	0.0632	0.0632	0.0632	0.0632	0.0632	
0.350	-0.0323	0.0029	0.0520	0.0520	0.0520	0.0520	0.0520	0.0520	0.0520	0.0520	
0.400	-0.0322	-0.0007	0.0453	0.0453	0.0453	0.0453	0.0453	0.0453	0.0453	0.0453	
0.450	-0.0456	-0.0023	0.0404	0.0404	0.0404	0.0404	0.0404	0.0404	0.0404	0.0404	
0.500	-0.0494	-0.0036	0.0290	0.0290	0.0290	0.0290	0.0290	0.0290	0.0290	0.0290	
0.525	0.0000	-0.0047	0.0273	0.0273	0.0273	0.0273	0.0273	0.0273	0.0273	0.0273	
0.550	-0.0531	-0.0095	0.0229	0.0229	0.0229	0.0229	0.0229	0.0229	0.0229	0.0229	
0.575	0.0000	-0.0084	0.0250	0.0250	0.0250	0.0250	0.0250	0.0250	0.0250	0.0250	
0.600	-0.0549	-0.0075	0.0189	0.0189	0.0189	0.0189	0.0189	0.0189	0.0189	0.0189	
0.625	0.0000	0.0000	0.0158	0.0158	0.0158	0.0158	0.0158	0.0158	0.0158	0.0158	
0.650	-0.0541	-0.0175	0.0099	0.0099	0.0099	0.0099	0.0099	0.0099	0.0099	0.0099	
0.675	0.0000	-0.0300	0.0063	0.0063	0.0063	0.0063	0.0063	0.0063	0.0063	0.0063	
0.700	-0.0470	-0.0387	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	
0.725	0.0000	-0.0484	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
0.750	-0.0330	-0.0529	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
0.775	0.0000	-0.0572	-0.0228	-0.0228	-0.0228	-0.0228	-0.0228	-0.0228	-0.0228	-0.0228	
0.800	-0.0161	-0.0591	-0.0386	-0.0386	-0.0386	-0.0386	-0.0386	-0.0386	-0.0386	-0.0386	
0.825	0.0000	-0.0620	-0.0427	-0.0427	-0.0427	-0.0427	-0.0427	-0.0427	-0.0427	-0.0427	
0.850	0.0122	-0.0540	-0.0564	-0.0564	-0.0564	-0.0564	-0.0564	-0.0564	-0.0564	-0.0564	
0.875	0.0000	-0.0408	-0.0553	-0.1083	-0.1083	-0.1083	-0.1083	-0.1083	-0.1083	-0.1083	
0.900	0.0488	-0.0198	-0.0531	-0.1163	-0.1163	-0.1163	-0.1163	-0.1163	-0.1163	-0.1163	
0.925	0.0000	0.0029	-0.0323	-0.1046	-0.1046	-0.1046	-0.1046	-0.1046	-0.1046	-0.1046	
0.950	0.0914	0.0396	0.0068	-0.0686	-0.0686	-0.0686	-0.0686	-0.0686	-0.0686	-0.0686	
0.975	0.0000	0.0839	0.0658	-0.0043	-0.1758	-0.1758	-0.1758	-0.1758	-0.1758	-0.1758	
1.000	0.1955	0.1838	0.1620	0.1400	0.0876	0.0876	0.0876	0.0876	0.0876	0.0876	
η	$C_{p,l}$	x/c_R .2	$C_{p,l}$	x/c_R .4	$C_{p,l}$	x/c_R .6	$C_{p,l}$	x/c_R .8	$C_{p,l}$	x/c_R .95	$C_{p,l}$
-0.200	-0.0286	-0.0090	0.0697	0.0697	0.0697	0.0697	0.0697	0.0697	0.0697	0.0697	0.0697
-0.400	-0.0637	-0.0082	0.0318	-0.0999	-0.3513	-0.3513	-0.3513	-0.3513	-0.3513	-0.3513	-0.3513
-0.600	-0.0866	-0.0310	-0.0013	-0.0893	-0.3990	-0.3990	-0.3990	-0.3990	-0.3990	-0.3990	-0.3990
-0.700	0.0000	-0.0747	-0.0146	-0.0853	-0.4773	-0.4773	-0.4773	-0.4773	-0.4773	-0.4773	-0.4773
-0.800	0.0000	0.0000	-0.0771	-0.0914	-0.5848	-0.5848	-0.5848	-0.5848	-0.5848	-0.5848	-0.5848
-0.850	0.0000	-0.1012	-0.0999	-0.1407	-0.5664	-0.5664	-0.5664	-0.5664	-0.5664	-0.5664	-0.5664
-0.900	-0.0321	-0.0748	-0.1083	-0.1720	-0.5163	-0.5163	-0.5163	-0.5163	-0.5163	-0.5163	-0.5163
-0.950	0.0004	-0.0039	-0.0608	-0.1424	-0.3614	-0.3614	-0.3614	-0.3614	-0.3614	-0.3614	-0.3614
-0.975	0.0000	0.0332	-0.0079	-0.0777	-0.2197	-0.2197	-0.2197	-0.2197	-0.2197	-0.2197	-0.2197
-1.000	0.1890	0.1723	0.1527	0.1323	0.0828	0.0828	0.0828	0.0828	0.0828	0.0828	0.0828

Small Radius L.E.
 Run No. = 39 , Point No. = 779
 $C_N = -0.029$, $C_m = 0.0062$
 $\alpha = -0.4^\circ$, $M_\infty = 0.799$
 $R_{mac} = 6.0 \times 10^6$

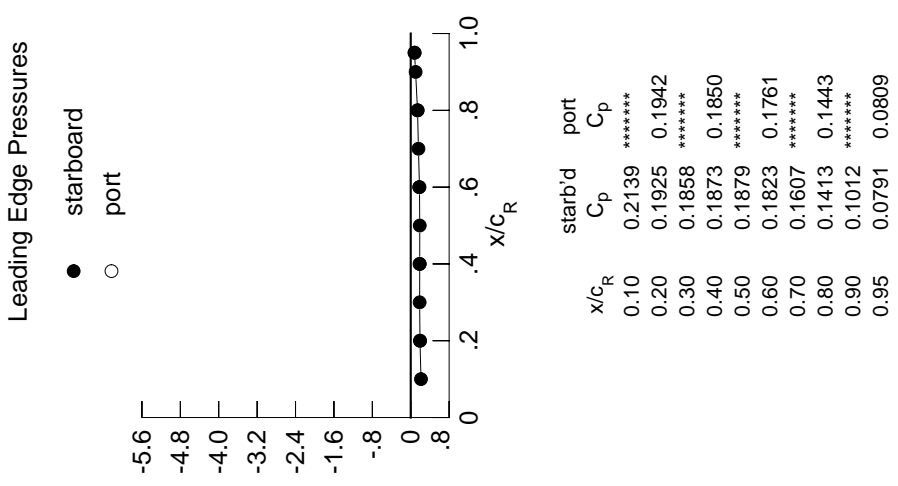
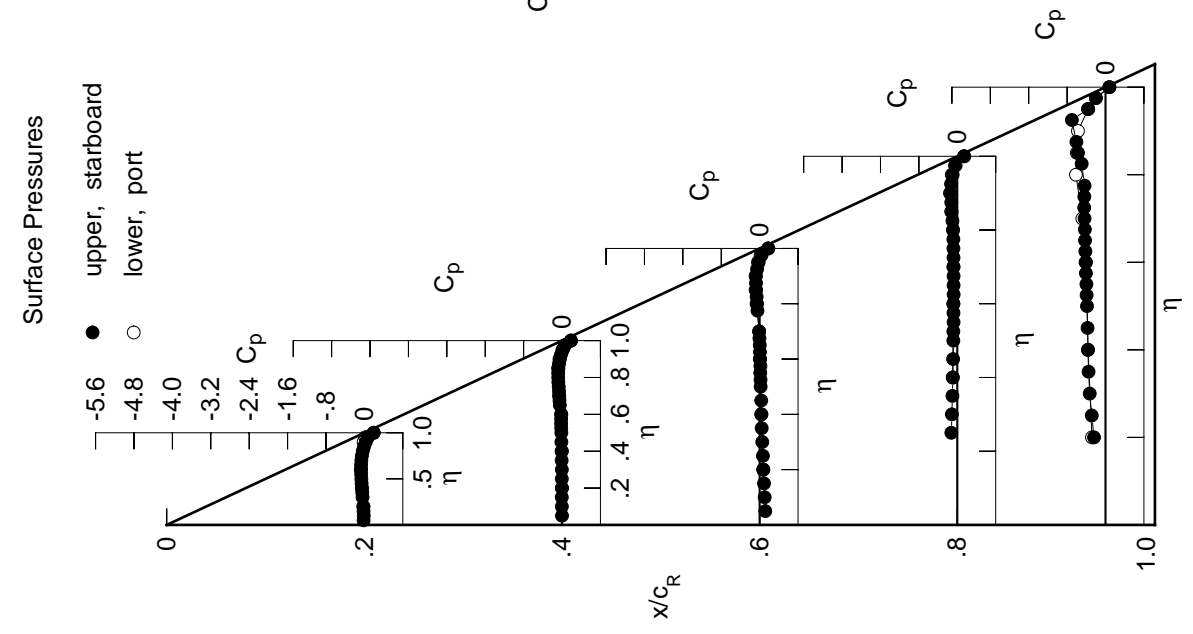


x/c_R	starb'd C_p	port C_p
0.10	0.2136	0.1890
0.20	0.1955	0.1890
0.30	0.1868	0.1890
0.40	0.1838	0.1723
0.50	0.1842	0.1890
0.60	0.1620	0.1527
0.70	0.1592	0.1527
0.80	0.1400	0.1323
0.90	0.1066	0.1066
0.95	0.0876	0.0876

Table D3. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0171	-0.0005	0.1172	*****	*****
0.100	-0.0134	-0.0044	0.1047	*****	*****
0.150	-0.0176	-0.0050	0.0912	*****	*****
0.200	-0.0212	-0.0007	0.0784	*****	-0.2390
0.250	*****	-0.0051	0.0683	-0.1241	-0.2868
0.300	-0.0381	-0.0039	0.0556	-0.1126	-0.3292
0.350	-0.0443	-0.0083	0.0424	-0.1018	-0.3529
0.400	-0.0506	-0.0091	0.0369	-0.0923	-0.3666
0.450	-0.0574	-0.0132	0.0335	-0.0867	-0.3735
0.500	-0.0632	-0.0146	0.0209	-0.0826	-0.3859
0.525	*****	-0.0166	0.0185	-0.0827	-0.3935
0.550	-0.0665	-0.0192	0.0129	-0.0778	-0.3978
0.575	*****	-0.0183	0.0163	-0.0791	-0.4081
0.600	-0.0694	-0.0196	0.0093	-0.0799	-0.4150
0.625	*****	*****	0.0065	-0.0762	-0.4195
0.650	-0.0695	-0.0464	0.0026	-0.0770	-0.4264
0.675	*****	-0.0528	-0.0044	-0.0767	-0.4303
0.700	-0.0631	-0.0572	-0.0097	-0.0801	-0.4368
0.725	*****	-0.0628	*****	-0.0782	-0.4440
0.750	-0.0524	-0.0688	*****	-0.0804	-0.4416
0.775	*****	-0.0766	-0.0449	-0.0817	-0.4365
0.800	-0.0341	-0.0792	-0.0546	-0.0880	*****
0.825	*****	-0.0802	-0.0623	-0.1012	-0.4970
0.850	-0.0071	-0.0748	-0.0734	-0.1202	-0.5735
0.875	*****	-0.0628	-0.0748	-0.1258	-0.6065
0.900	0.0298	-0.0445	-0.0776	-0.1385	*****
0.925	*****	-0.0209	-0.0526	-0.1296	-0.7008
0.950	0.0723	0.0149	-0.0204	-0.0962	-0.3660
0.975	*****	0.0583	0.0377	-0.0343	-0.2013
1.000	0.1925	0.1873	0.1823	0.1413	0.0791
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0202	-0.0030	0.0739	*****	-0.2824
-0.400	-0.0547	-0.0034	0.0342	-0.0955	-0.3629
-0.600	-0.0750	-0.0154	0.0040	-0.0828	-0.4075
-0.700	*****	-0.0611	-0.0112	-0.0790	-0.4828
-0.800	*****	*****	-0.0631	-0.0697	-0.6158
-0.850	*****	-0.0809	-0.0838	-0.1251	-0.5977
-0.900	-0.0157	-0.0535	-0.0857	-0.1524	-0.5744
-0.950	0.0179	0.0116	-0.0343	-0.1146	-0.3595
-0.975	*****	0.0590	0.0209	-0.0477	-0.2018
-1.000	0.1942	0.1850	0.1761	0.1443	0.0809

Small Radius L.E.
 Run No. = 39 , Point No. = 780
 $C_N = -0.011$, $C_m = 0.0026$
 $\alpha = 0.1^\circ$, $M_\infty = 0.799$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.2139	*****
0.20	0.1925	0.1942
0.30	0.1858	*****
0.40	0.1873	0.1850
0.50	0.1879	*****
0.60	0.1823	0.1761
0.70	0.1607	*****
0.80	0.1413	0.1443
0.90	0.1012	*****
0.95	0.0791	0.0809

Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0349	-0.0208	0.1045	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0328	-0.0194	0.0924	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0386	-0.0219	0.0789	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0401	-0.0171	0.0661	*****	*****	*****	*****	*****	*****	-0.2341
0.250	*****	-0.0220	0.0540	-0.1365	-0.2779	*****	*****	*****	*****	*****
0.300	-0.0603	-0.0220	0.0423	-0.1240	-0.3210	*****	*****	*****	*****	*****
0.350	-0.0663	-0.0274	0.0289	-0.1123	-0.3404	*****	*****	*****	*****	*****
0.400	-0.0770	-0.0276	0.0228	-0.1056	-0.3492	*****	*****	*****	*****	*****
0.450	-0.0813	-0.0340	0.0179	-0.0991	-0.3607	*****	*****	*****	*****	*****
0.500	-0.0900	-0.0320	0.0052	-0.0978	-0.3775	*****	*****	*****	*****	*****
0.525	*****	-0.0363	0.0020	-0.0927	-0.3823	*****	*****	*****	*****	*****
0.550	-0.0951	-0.0372	-0.0027	-0.0923	-0.3883	*****	*****	*****	*****	*****
0.575	*****	-0.0379	0.0001	-0.0911	-0.4004	*****	*****	*****	*****	*****
0.600	-0.0997	-0.0404	-0.0083	-0.0937	-0.4074	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0128	-0.0922	-0.4077	*****	*****	*****	*****	*****
0.650	-0.1026	-0.0840	-0.0159	-0.0911	-0.4160	*****	*****	*****	*****	*****
0.675	*****	-0.0867	-0.0244	-0.0886	-0.4174	*****	*****	*****	*****	*****
0.700	-0.0976	-0.0894	-0.0287	-0.0969	-0.4233	*****	*****	*****	*****	*****
0.725	*****	-0.0950	*****	-0.0947	-0.4196	*****	*****	*****	*****	*****
0.750	-0.0888	-0.1057	*****	-0.0981	-0.4085	*****	*****	*****	*****	*****
0.775	*****	-0.1124	-0.0911	-0.1000	-0.3833	*****	*****	*****	*****	*****
0.800	-0.0737	-0.1209	-0.0965	-0.1002	*****	*****	*****	*****	*****	*****
0.825	*****	-0.1238	-0.1021	-0.1460	-0.4336	*****	*****	*****	*****	*****
0.850	-0.0485	-0.1220	-0.1164	-0.1547	-0.5571	*****	*****	*****	*****	*****
0.875	*****	-0.1114	-0.1207	-0.1672	-0.6054	*****	*****	*****	*****	*****
0.900	-0.0129	-0.0977	-0.1297	-0.1867	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0747	-0.1109	-0.1863	-0.7267	*****	*****	*****	*****	*****
0.950	0.0243	-0.0440	-0.0849	-0.1586	-0.4065	*****	*****	*****	*****	*****
0.975	*****	-0.0049	-0.0331	-0.1072	-0.2581	*****	*****	*****	*****	*****
1.000	0.1566	0.1367	0.1421	0.0636	0.0155	*****	*****	*****	*****	*****
η	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0013	0.0142	0.0859	*****	-0.2840	*****	*****	*****	*****	*****
-0.400	-0.0316	0.0159	0.0489	-0.0860	-0.3746	*****	*****	*****	*****	*****
-0.600	-0.0467	0.0029	0.0216	-0.0690	-0.4147	*****	*****	*****	*****	*****
-0.700	*****	-0.0265	0.0118	-0.0645	-0.4605	*****	*****	*****	*****	*****
-0.800	*****	*****	-0.0227	-0.0683	-0.5818	*****	*****	*****	*****	*****
-0.850	*****	-0.0379	-0.0462	-0.0882	-0.6814	*****	*****	*****	*****	*****
-0.900	0.0240	-0.0048	-0.0370	-0.1089	-0.8086	*****	*****	*****	*****	*****
-0.950	0.0579	0.0451	0.0216	-0.0573	-0.3537	*****	*****	*****	*****	*****
-0.975	*****	0.1100	0.0789	0.0113	-0.1712	*****	*****	*****	*****	*****
-1.000	0.1697	0.1517	0.1436	0.0819	0.0216	*****	*****	*****	*****	*****

Small Radius L.E.

Run No. = 39, Point No. = 781

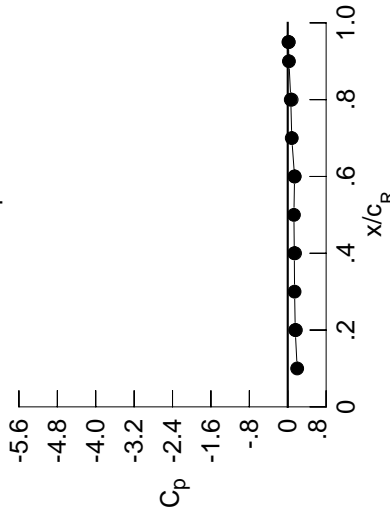
$C_N = 0.029$, $C_m = -0.0027$

$\alpha = 1.1^\circ$, $M_\infty = 0.799$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1968	*****
0.20	0.1566	0.1697
0.30	0.1428	*****
0.40	0.1367	0.1517
0.50	0.1288	*****
0.60	0.1421	0.1436
0.70	0.0840	*****
0.80	0.0636	0.0819
0.90	0.0250	*****
0.95	0.0155	0.0216

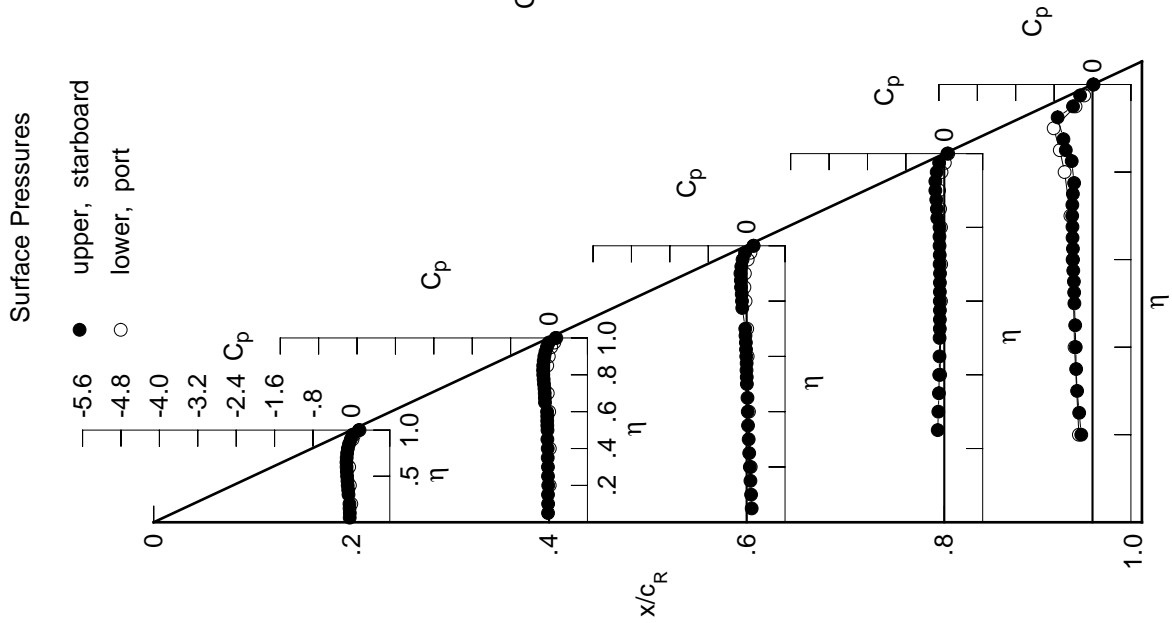


Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0557	-0.0349	0.0946	*****	*****	*****	*****	*****	*****	
0.100	-0.0561	-0.0365	0.0813	*****	*****	*****	*****	*****	*****	
0.150	-0.0621	-0.0384	0.0661	*****	*****	*****	*****	*****	*****	
0.200	-0.0616	-0.0332	0.0550	*****	*****	*****	*****	*****	-0.2320	
0.250	*****	-0.0400	0.0421	-0.1452	-0.1320	-0.3095	*****	*****	-0.2685	
0.300	-0.0867	-0.0389	0.0287	-0.1320	-0.1240	-0.3242	*****	*****	-0.3095	
0.350	-0.0909	-0.0421	0.0173	-0.1240	-0.1149	-0.3346	*****	*****	-0.3242	
0.400	-0.0974	-0.0446	0.0079	-0.1149	-0.1092	-0.3469	*****	*****	-0.3346	
0.450	-0.1041	-0.0484	0.0032	-0.1092	-0.1073	-0.3598	*****	*****	-0.3469	
0.500	-0.1132	-0.0521	-0.0095	-0.1073	-0.1080	-0.3623	*****	*****	-0.3598	
0.525	*****	-0.0530	-0.0122	-0.1080	-0.1045	-0.3706	*****	*****	-0.3623	
0.550	-0.1201	-0.0588	-0.0187	-0.1045	-0.1056	-0.3799	*****	*****	-0.3706	
0.575	*****	-0.0593	-0.0178	-0.1056	-0.1078	-0.3879	*****	*****	-0.3799	
0.600	-0.1291	-0.0574	-0.0248	-0.1078	-0.1055	-0.3949	*****	*****	-0.3879	
0.625	*****	*****	-0.0296	-0.1055	-0.1092	-0.4069	*****	*****	-0.3949	
0.650	-0.1347	-0.1039	-0.0354	-0.1058	-0.1136	-0.4370	*****	*****	-0.4069	
0.675	*****	-0.1255	-0.0425	-0.1092	-0.1138	-0.4528	*****	*****	-0.4370	
0.700	-0.1327	-0.1261	-0.0483	-0.1136	-0.1196	-0.4715	*****	*****	-0.4528	
0.725	*****	-0.1304	*****	-0.1138	-0.1242	-0.4781	*****	*****	-0.4715	
0.750	-0.1287	-0.1380	*****	-0.1196	-0.1242	-0.4781	*****	*****	-0.4781	
0.775	*****	-0.1465	-0.0700	-0.1242	-0.1355	*****	*****	*****	-0.4781	
0.800	-0.1158	-0.1591	-0.1396	-0.1355	-0.1432	-0.5285	*****	*****	-0.4781	
0.825	*****	-0.1677	-0.1417	-0.1432	-0.1568	-0.5348	*****	*****	-0.5285	
0.850	-0.0929	-0.1701	-0.1568	-0.2017	-0.1695	-0.5283	*****	*****	-0.5348	
0.875	*****	-0.1653	-0.1695	-0.2082	-0.2332	*****	*****	*****	-0.5283	
0.900	-0.0615	-0.1547	-0.1849	-0.2332	-0.2444	-0.5083	*****	*****	-0.5283	
0.925	*****	-0.1369	-0.1744	-0.2444	-0.2294	-0.3981	*****	*****	-0.5083	
0.950	-0.0262	-0.1097	-0.1560	-0.2294	-0.1895	-0.2928	*****	*****	-0.3981	
0.975	*****	-0.0779	-0.1127	-0.1895	-0.1268	-0.1048	*****	*****	-0.2928	
1.000	0.0751	0.0060	-0.0045	-0.1268	-0.1048	*****	*****	*****	-0.1048	
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.200	0.0195	0.0302	0.1000	*****	-0.2954	*****	*****	*****	-0.2954	
-0.400	-0.0068	0.0288	0.0636	-0.0728	-0.3857	*****	*****	*****	-0.3857	
-0.600	-0.0168	0.0229	0.0391	-0.0538	-0.4281	*****	*****	*****	-0.4281	
-0.700	*****	0.0018	0.0303	-0.0488	-0.4744	*****	*****	*****	-0.4744	
-0.800	*****	*****	0.0053	-0.0457	-0.5772	*****	*****	*****	-0.5772	
-0.850	*****	0.0036	-0.0064	-0.0600	-0.6763	*****	*****	*****	-0.6763	
-0.900	0.0598	0.0392	0.0069	-0.0649	-0.7669	*****	*****	*****	-0.7669	
-0.950	0.0944	0.0745	0.0688	-0.0082	-0.3214	*****	*****	*****	-0.3214	
-0.975	*****	0.1492	0.1225	0.0595	-0.1295	*****	*****	*****	-0.1295	
-1.000	0.0889	0.0291	-0.0023	-0.1169	-0.1096	*****	*****	*****	-0.1096	

Small Radius L.E.
 Run No. = 39 , Point No. = 782
 $C_N = 0.068$, $C_m = -0.0087$
 $\alpha = 2.2^\circ$, $M_\infty = 0.799$
 $R_{mac} = 6.0 \times 10^6$

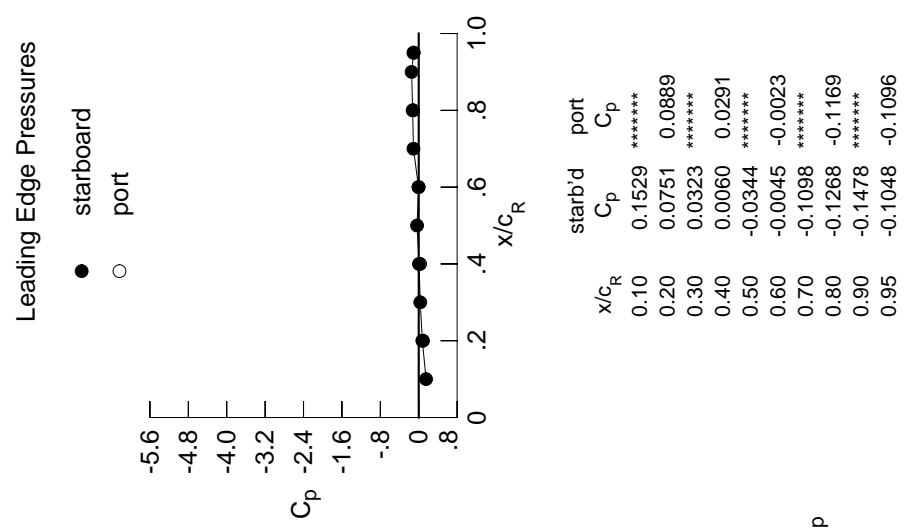


Table D3. Continued.

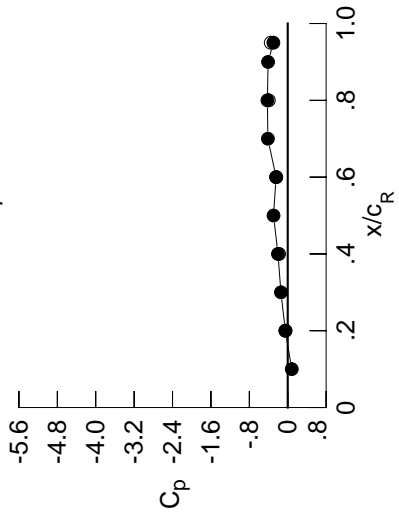
η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0721	-0.0512	0.0826	*****	0.0826	*****	0.0826	*****	0.0826	*****
0.100	-0.0654	-0.0520	0.0709	*****	0.0709	*****	0.0709	*****	0.0709	*****
0.150	-0.0745	-0.0516	0.0564	*****	0.0564	*****	0.0564	*****	0.0564	*****
0.200	-0.0765	-0.0500	0.0424	*****	0.0424	*****	0.0424	*****	0.0424	*****
0.250	*****	-0.0544	0.0314	-0.1548	-0.1548	-0.2626	-0.1548	-0.2626	-0.1548	-0.2626
0.300	-0.1117	-0.0560	0.0165	-0.1419	-0.1419	-0.2988	-0.1419	-0.2988	-0.1419	-0.2988
0.350	-0.1160	-0.0594	0.0036	-0.1333	-0.1333	-0.3151	-0.1333	-0.3151	-0.1333	-0.3151
0.400	-0.1223	-0.0634	-0.0052	-0.1251	-0.1251	-0.3187	-0.1251	-0.3187	-0.1251	-0.3187
0.450	-0.1285	-0.0681	-0.0097	-0.1196	-0.1196	-0.3324	-0.1196	-0.3324	-0.1196	-0.3324
0.500	-0.1382	-0.0729	-0.0268	-0.1183	-0.1183	-0.3452	-0.1183	-0.3452	-0.1183	-0.3452
0.525	*****	-0.0754	-0.0291	-0.1184	-0.1184	-0.3531	-0.1184	-0.3531	-0.1184	-0.3531
0.550	-0.1469	-0.0803	-0.0363	-0.1155	-0.1155	-0.3609	-0.1155	-0.3609	-0.1155	-0.3609
0.575	*****	-0.0818	-0.0353	-0.1179	-0.1179	-0.3689	-0.1179	-0.3689	-0.1179	-0.3689
0.600	-0.1578	-0.0841	-0.0428	-0.1201	-0.1201	-0.3692	-0.1201	-0.3692	-0.1201	-0.3692
0.625	*****	*****	-0.0470	-0.1185	-0.1185	-0.3738	-0.1185	-0.3738	-0.1185	-0.3738
0.650	-0.1661	-0.0859	-0.0565	-0.1213	-0.1213	-0.3802	-0.1213	-0.3802	-0.1213	-0.3802
0.675	*****	-0.1569	-0.0638	-0.1233	-0.1233	-0.3835	-0.1233	-0.3835	-0.1233	-0.3835
0.700	-0.1680	-0.1704	-0.0734	-0.1333	-0.1333	-0.3930	-0.1333	-0.3930	-0.1333	-0.3930
0.725	*****	-0.1734	*****	-0.1351	-0.1351	-0.4078	-0.1351	-0.4078	-0.1351	-0.4078
0.750	-0.1652	-0.1797	*****	-0.1420	-0.1420	-0.4267	-0.1420	-0.4267	-0.1420	-0.4267
0.775	*****	-0.1890	-0.1072	-0.1524	-0.1524	-0.4396	-0.1524	-0.4396	-0.1524	-0.4396
0.800	-0.1559	-0.2002	-0.1374	-0.1672	-0.1672	*****	-0.1672	*****	-0.1672	*****
0.825	*****	-0.2131	-0.1968	-0.1790	-0.1790	-0.4856	-0.1790	-0.4856	-0.1790	-0.4856
0.850	-0.1381	-0.2207	-0.2089	-0.2127	-0.2127	-0.5074	-0.2127	-0.5074	-0.2127	-0.5074
0.875	*****	-0.2196	-0.2201	-0.2541	-0.2541	-0.5313	-0.2541	-0.5313	-0.2541	-0.5313
0.900	-0.1118	-0.2133	-0.2445	-0.2851	-0.2851	*****	-0.2851	*****	-0.2851	*****
0.925	*****	-0.2038	-0.2411	-0.3059	-0.3059	-0.4758	-0.3059	-0.4758	-0.3059	-0.4758
0.950	-0.0852	-0.1847	-0.2361	-0.3036	-0.3036	-0.4161	-0.3036	-0.4161	-0.3036	-0.4161
0.975	*****	-0.1648	-0.2100	-0.2812	-0.2812	-0.3491	-0.2812	-0.3491	-0.2812	-0.3491
1.000	-0.0504	-0.2032	-0.2430	-0.4236	-0.4236	-0.2990	-0.4236	-0.2990	-0.4236	-0.2990

Small Radius L.E.

Run No. = 39 , Point No. = 783
 $C_N = 0.113$, $C_m = -0.0197$
 $\alpha = 3.2^\circ$, $M_\infty = 0.799$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.0842	*****
0.20	-0.0504	-0.0454
0.30	-0.1416	*****
0.40	-0.2032	-0.1797
0.50	-0.2960	*****
0.60	-0.2430	-0.2387
0.70	-0.4138	*****
0.80	-0.4236	-0.3943
0.90	-0.4093	*****
0.95	-0.2990	-0.3539

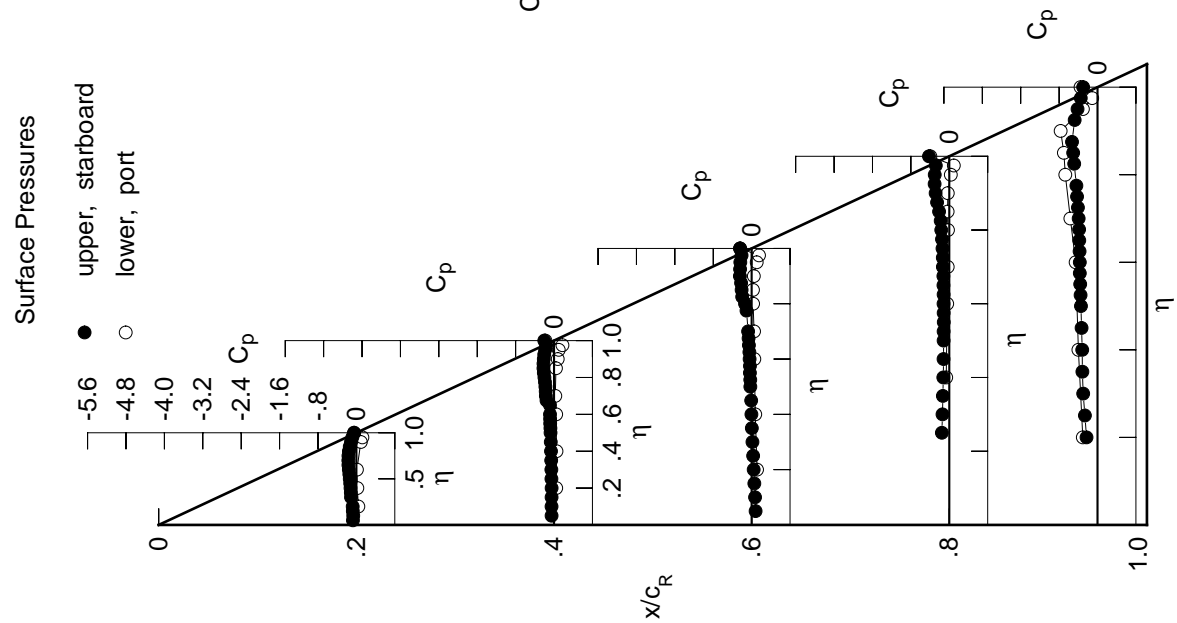


Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0853	-0.0627	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705
0.100	-0.0816	-0.0644	0.0584	0.0584	0.0584	0.0584	0.0584	0.0584	0.0584	0.0584
0.150	-0.0911	-0.0653	0.0451	0.0451	0.0451	0.0451	0.0451	0.0451	0.0451	0.0451
0.200	-0.0948	-0.0658	0.0291	0.0291	0.0291	0.0291	0.0291	0.0291	0.0291	0.0291
0.250	*****	-0.0709	0.0181	0.0181	0.0181	0.0181	0.0181	0.0181	0.0181	0.0181
0.300	-0.1386	-0.0733	0.0029	0.0029	-0.1485	-0.2890	-0.1485	-0.2890	-0.1485	-0.2890
0.350	-0.1459	-0.0761	-0.0084	-0.1404	-0.3224	-0.3224	-0.3224	-0.3224	-0.3224	-0.3224
0.400	-0.1513	-0.0812	-0.0194	-0.1312	-0.3488	-0.3488	-0.3488	-0.3488	-0.3488	-0.3488
0.450	-0.1567	-0.0844	-0.0260	-0.1292	-0.3565	-0.3565	-0.3565	-0.3565	-0.3565	-0.3565
0.500	-0.1657	-0.0927	-0.0406	-0.1303	-0.3521	-0.3521	-0.3521	-0.3521	-0.3521	-0.3521
0.525	*****	-0.0939	-0.0478	-0.1309	-0.3513	-0.3513	-0.3513	-0.3513	-0.3513	-0.3513
0.550	-0.1726	-0.1015	-0.0545	-0.1287	-0.3465	-0.3465	-0.3465	-0.3465	-0.3465	-0.3465
0.575	*****	-0.1058	-0.0565	-0.1335	-0.3461	-0.3461	-0.3461	-0.3461	-0.3461	-0.3461
0.600	-0.1853	-0.1088	-0.0662	-0.1361	-0.3416	-0.3416	-0.3416	-0.3416	-0.3416	-0.3416
0.625	*****	*****	-0.0743	-0.1368	-0.3417	-0.3417	-0.3417	-0.3417	-0.3417	-0.3417
0.650	-0.1974	-0.1268	-0.0835	-0.1406	-0.3390	-0.3390	-0.3390	-0.3390	-0.3390	-0.3390
0.675	*****	-0.1367	-0.0918	-0.1436	-0.3321	-0.3321	-0.3321	-0.3321	-0.3321	-0.3321
0.700	-0.2031	-0.1473	-0.1046	-0.1548	-0.3233	-0.3233	-0.3233	-0.3233	-0.3233	-0.3233
0.725	*****	-0.1784	*****	-0.1548	-0.3051	-0.3051	-0.3051	-0.3051	-0.3051	-0.3051
0.750	-0.2061	-0.2172	*****	-0.1673	-0.2754	-0.2754	-0.2754	-0.2754	-0.2754	-0.2754
0.775	*****	-0.2323	-0.1536	-0.1808	-0.2201	-0.2201	-0.2201	-0.2201	-0.2201	-0.2201
0.800	-0.1994	-0.2471	-0.1768	-0.1997	*****	*****	*****	*****	*****	*****
0.825	*****	-0.2609	-0.2054	-0.2150	-0.1756	-0.1756	-0.1756	-0.1756	-0.1756	-0.1756
0.850	-0.1874	-0.2691	-0.2428	-0.2486	-0.2128	-0.2128	-0.2128	-0.2128	-0.2128	-0.2128
0.875	*****	-0.2758	-0.2718	-0.2821	-0.2974	-0.2974	-0.2974	-0.2974	-0.2974	-0.2974
0.900	-0.1687	-0.2736	-0.3017	-0.3292	*****	*****	*****	*****	*****	*****
0.925	*****	-0.2672	-0.3107	-0.3630	-0.9206	-0.9206	-0.9206	-0.9206	-0.9206	-0.9206
0.950	-0.1525	-0.2571	-0.3162	-0.3778	-0.5354	-0.5354	-0.5354	-0.5354	-0.5354	-0.5354
0.975	*****	-0.2400	-0.3016	-0.3782	-0.4511	-0.4511	-0.4511	-0.4511	-0.4511	-0.4511
1.000	-0.2263	-0.4616	-0.5478	-0.7060	-0.5872	-0.5872	-0.5872	-0.5872	-0.5872	-0.5872
-0.200	$C_{p,l}$	0.0630	0.0646	0.1274	*****	-0.3203	-0.3203	-0.3203	-0.3203	-0.3203
-0.400	$C_{p,l}$	0.0433	0.0695	0.0914	-0.0506	-0.4118	-0.4118	-0.4118	-0.4118	-0.4118
-0.600	$C_{p,l}$	0.0390	0.0646	0.0745	-0.0291	-0.4897	-0.4897	-0.4897	-0.4897	-0.4897
-0.700	$C_{p,l}$	*****	0.0528	0.0714	-0.0165	-0.6191	-0.6191	-0.6191	-0.6191	-0.6191
-0.800	$C_{p,l}$	*****	*****	0.0580	-0.0069	-0.6695	-0.6695	-0.6695	-0.6695	-0.6695
-0.850	$C_{p,l}$	*****	0.0742	0.0600	-0.0094	-0.6825	-0.6825	-0.6825	-0.6825	-0.6825
-0.900	$C_{p,l}$	0.1237	0.1125	0.0807	0.0030	-0.7337	-0.7337	-0.7337	-0.7337	-0.7337
-0.950	$C_{p,l}$	0.1530	0.1168	0.1383	0.0662	-0.2791	-0.2791	-0.2791	-0.2791	-0.2791
-0.975	$C_{p,l}$	*****	0.1928	0.1726	0.1192	-0.0840	-0.0840	-0.0840	-0.0840	-0.0840
-1.000	$C_{p,l}$	-0.2388	-0.4549	-0.5362	-0.7109	-0.6149	-0.6149	-0.6149	-0.6149	-0.6149

Small Radius L.E.

Run No. = 39 , Point No. = 784

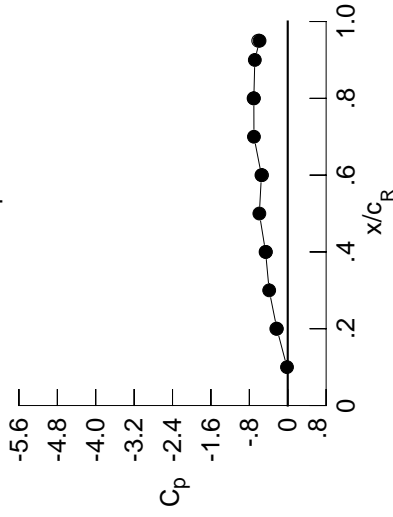
$C_N = 0.147$, $C_m = -0.0210$

$\alpha = 4.2^\circ$, $M_\infty = 0.800$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.0154	*****
0.20	-0.2263	-0.2388
0.30	-0.3868	*****
0.40	-0.4616	-0.4549
0.50	-0.5912	*****
0.60	-0.5478	-0.5362
0.70	-0.7039	*****
0.80	-0.7060	-0.7109
0.90	-0.6857	*****
0.95	-0.5872	-0.6149

Surface Pressures

● upper, starboard
○ lower, port

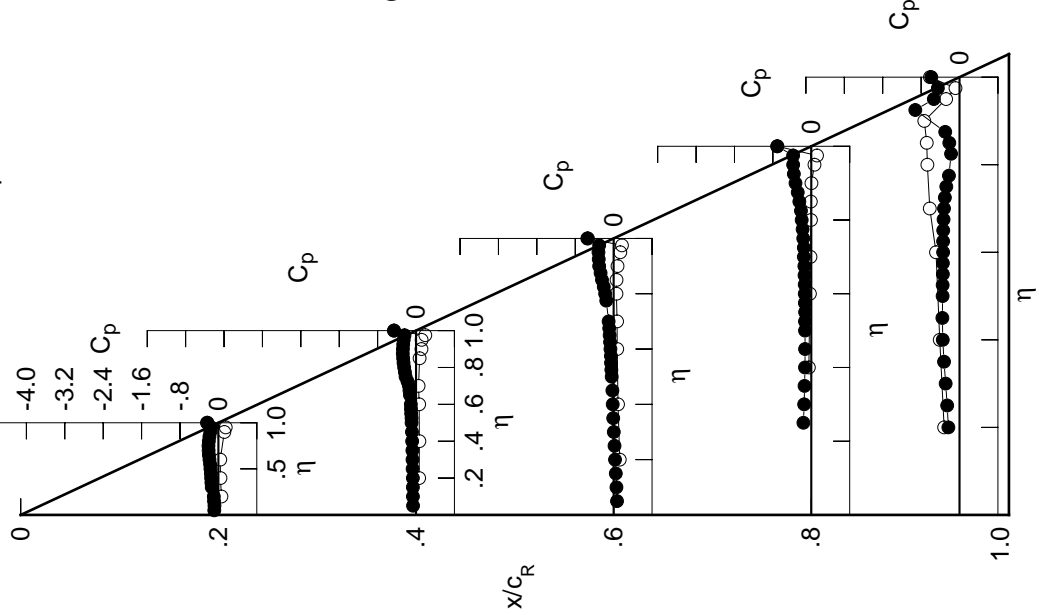
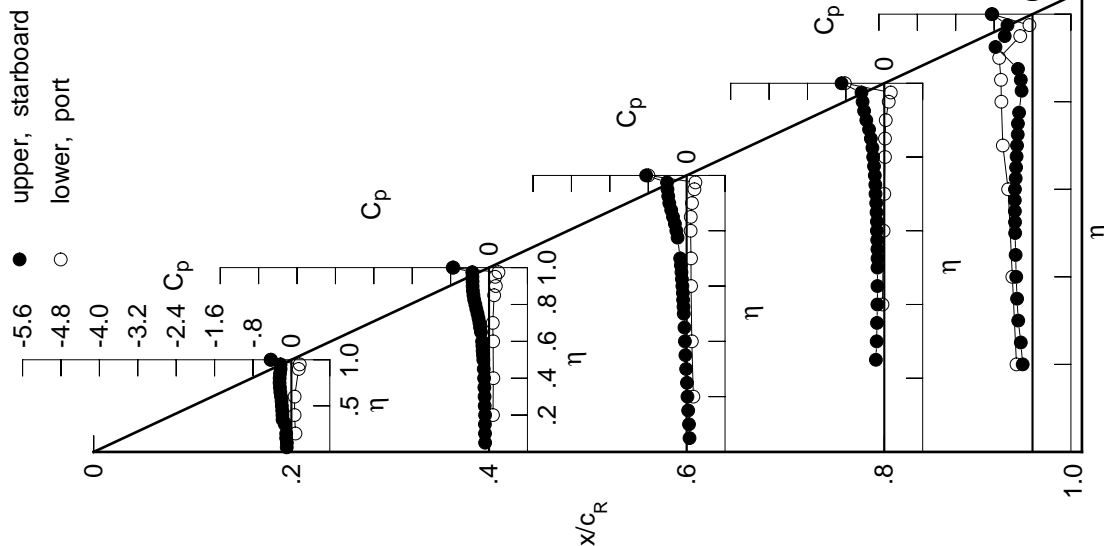


Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0965	-0.0814	0.0597	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0942	-0.0842	0.0487	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1088	-0.0859	0.0316	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1079	-0.0827	0.0167	*****	*****	*****	*****	*****	*****	-0.2048
0.250	*****	-0.0901	0.0062	-0.1751	-0.2440	-0.3338	-0.4197	-0.5076	-0.6187	-0.7489
0.300	-0.1372	-0.0927	-0.0103	-0.1584	-0.2973	-0.3984	-0.5076	-0.6489	-0.8211	-1.0640
0.350	-0.1837	-0.0975	-0.0258	-0.1519	-0.3220	-0.4206	-0.5791	-0.7708	-1.0064	-1.3519
0.400	-0.1865	-0.1029	-0.0356	-0.1438	-0.3393	-0.4519	-0.6187	-0.8503	-1.1351	-1.5064
0.450	-0.1913	-0.1104	-0.0454	-0.1421	-0.3522	-0.4919	-0.6683	-0.9211	-1.2111	-1.6489
0.500	-0.1984	-0.1190	-0.0602	-0.1426	-0.3619	-0.5319	-0.7099	-1.0064	-1.3519	-1.7064
0.525	*****	-0.1253	-0.0655	-0.1406	-0.3638	-0.5791	-0.7708	-1.0064	-1.3519	-1.7064
0.550	-0.2045	-0.1334	-0.0737	-0.1433	-0.3669	-0.6187	-0.8503	-1.1351	-1.5064	-1.8064
0.575	-0.1386	-0.0781	-0.1473	-0.3688	-0.4653	-0.6683	-0.9211	-1.2111	-1.5064	-1.8064
0.600	-0.2157	-0.1449	-0.0885	-0.1543	-0.3653	-0.7099	-0.9211	-1.2111	-1.5064	-1.8064
0.625	*****	*****	-0.0981	-0.1540	-0.3507	-0.7708	-1.0064	-1.3519	-1.7064	-2.0064
0.650	-0.2302	-0.1680	-0.1083	-0.1615	-0.3427	-0.8211	-1.1351	-1.5064	-1.8064	-2.1064
0.675	*****	-0.1866	-0.1198	-0.1680	-0.3313	-0.8503	-1.1351	-1.5064	-1.8064	-2.1064
0.700	-0.2395	-0.2001	-0.1351	-0.1824	-0.3227	-0.8906	-1.1351	-1.5064	-1.8064	-2.1064
0.725	*****	-0.2196	*****	-0.1862	-0.3078	-0.9211	-1.2111	-1.5064	-1.8064	-2.1064
0.750	-0.2467	-0.2401	*****	-0.1973	-0.3038	-0.9519	-1.2111	-1.5064	-1.8064	-2.1064
0.775	*****	-0.2637	-0.1885	-0.2143	-0.2798	-0.9821	-1.2111	-1.5064	-1.8064	-2.1064
0.800	-0.2451	-0.2851	-0.2148	-0.2315	*****	-1.0123	-1.2111	-1.5064	-1.8064	-2.1064
0.825	*****	-0.3086	-0.2448	-0.2473	-0.2278	-1.0425	-1.2111	-1.5064	-1.8064	-2.1064
0.850	-0.2379	-0.3249	-0.2841	-0.2802	-0.2440	-1.0727	-1.2111	-1.5064	-1.8064	-2.1064
0.875	*****	-0.3364	-0.3219	-0.3175	-0.3027	-1.1029	-1.2111	-1.5064	-1.8064	-2.1064
0.900	-0.2252	-0.3421	-0.3618	-0.3744	*****	-1.1331	-1.2111	-1.5064	-1.8064	-2.1064
0.925	*****	-0.3434	-0.3830	-0.4206	-0.7708	-1.1633	-1.2111	-1.5064	-1.8064	-2.1064
0.950	-0.2248	-0.3457	-0.3991	-0.4519	-0.5791	-1.1935	-1.2111	-1.5064	-1.8064	-2.1064
0.975	*****	-0.3495	-0.4089	-0.4753	-0.5215	-1.2237	-1.2111	-1.5064	-1.8064	-2.1064
1.000	-0.4338	-0.7566	-0.8433	-0.8906	-0.8386	-1.2539	-1.2111	-1.5064	-1.8064	-2.1064
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0851	0.0824	0.1400	*****	-0.3338	-0.4197	-0.5076	-0.6187	-0.7489	-0.9211
-0.400	0.0664	0.0894	0.1078	-0.0384	-0.4197	-0.5076	-0.6187	-0.7489	-0.9211	-1.1351
-0.600	0.0673	0.0853	0.0917	-0.0149	-0.5076	-0.6187	-0.7489	-0.9211	-1.1351	-1.3519
-0.700	*****	0.0776	0.0914	-0.0004	-0.6187	-0.7489	-0.9211	-1.1351	-1.3519	-1.5064
-0.800	*****	*****	0.0821	0.0143	-0.6489	-0.7489	-0.9211	-1.1351	-1.3519	-1.5064
-0.850	*****	0.1067	0.0858	0.0144	-0.6569	-0.7489	-0.9211	-1.1351	-1.3519	-1.5064
-0.900	0.1508	0.1416	0.1109	0.0305	-0.6941	-0.7489	-0.9211	-1.1351	-1.3519	-1.5064
-0.950	0.1740	0.1289	0.1616	0.0924	-0.2559	-0.3338	-0.4197	-0.5076	-0.6187	-0.7489
-0.975	*****	0.1964	0.1827	0.1351	-0.0640	-0.1351	-0.2111	-0.2871	-0.3631	-0.4391
-1.000	-0.4232	-0.7409	-0.7974	-0.8211	-0.8503	-0.8806	-0.9109	-0.9412	-0.9715	-1.0018

Small Radius L.E.
 Run No. = 39, Point No. = 785
 $C_N = 0.186$, $C_m = -0.0268$
 $\alpha = 5.2^\circ$, $M_\infty = 0.799$
 $R_{mac} = 6.0 \times 10^6$

Surface Pressures

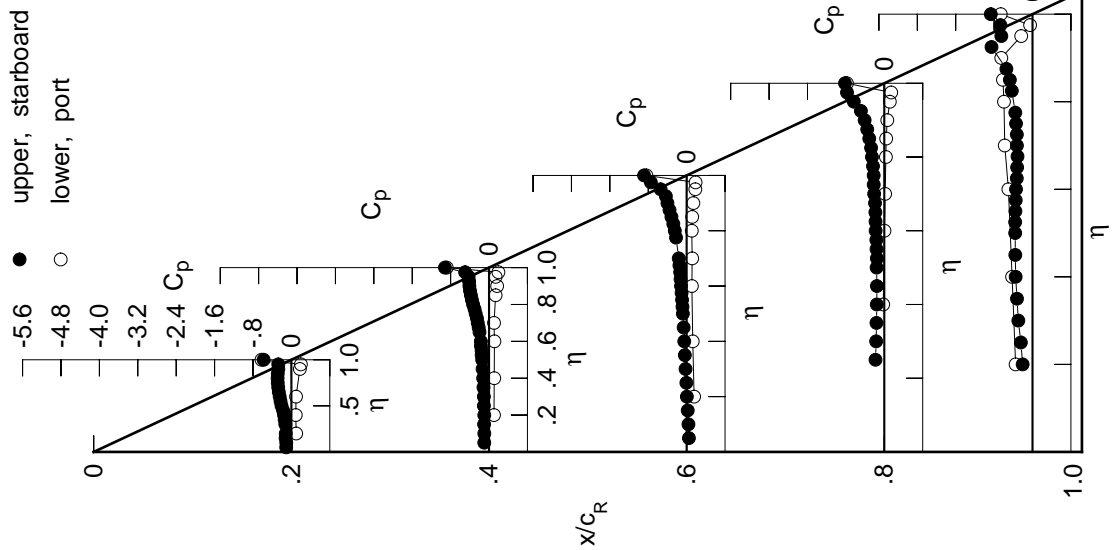


x/c_R	starb'd C_p	port C_p
0.10	-0.1410	*****
0.20	-0.4338	-0.4232
0.30	-0.5861	*****
0.40	-0.7566	-0.7409
0.50	-0.8683	*****
0.60	-0.8433	-0.7974
0.70	-0.8673	*****
0.80	-0.8906	-0.8211
0.90	-0.8966	*****
0.95	-0.8386	-0.8503

Table D3. Continued.

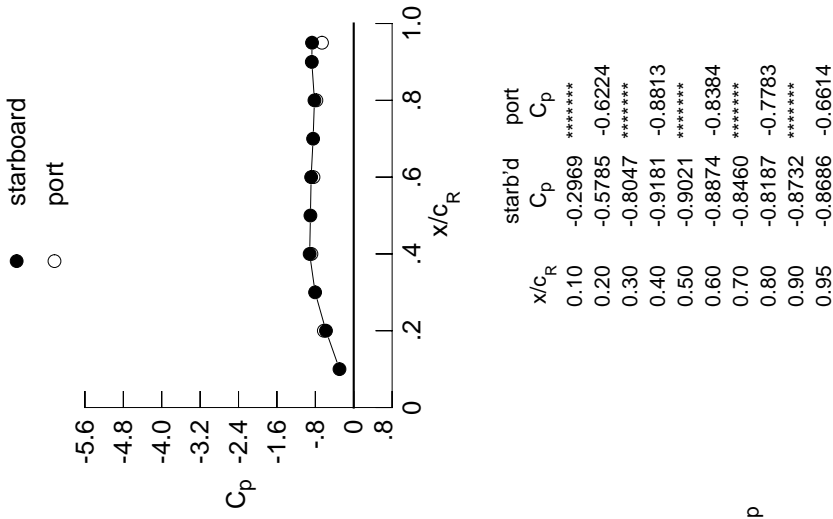
η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1083	-0.0994	0.0471	*****	*****	*****	*****	*****	*****	
0.100	-0.1062	-0.0980	0.0379	*****	*****	*****	*****	*****	*****	
0.150	-0.1210	-0.1031	0.0220	*****	*****	*****	*****	*****	*****	
0.200	-0.1177	-0.0995	0.0051	*****	*****	*****	*****	*****	-0.2054	
0.250	*****	-0.1070	-0.0054	-0.1835	-0.1835	-0.2423	*****	*****	*****	
0.300	-0.1262	-0.1081	-0.0230	-0.1693	-0.1693	-0.2956	*****	*****	*****	
0.350	-0.1404	-0.1160	-0.0378	-0.1633	-0.1633	-0.3230	*****	*****	*****	
0.400	-0.1530	-0.1234	-0.0497	-0.1560	-0.1560	-0.3513	*****	*****	*****	
0.450	-0.1726	-0.1344	-0.0623	-0.1535	-0.1535	-0.3584	*****	*****	*****	
0.500	-0.2057	-0.1432	-0.0788	-0.1601	-0.1601	-0.3611	*****	*****	*****	
0.525	*****	-0.1536	-0.0868	-0.1545	-0.1545	-0.3617	*****	*****	*****	
0.550	-0.2262	-0.1556	-0.0955	-0.1617	-0.1617	-0.3557	*****	*****	*****	
0.575	*****	-0.1684	-0.1053	-0.1655	-0.1655	-0.3496	*****	*****	*****	
0.600	-0.2439	-0.1712	-0.1165	-0.1801	-0.1801	-0.3440	*****	*****	*****	
0.625	*****	*****	-0.1272	-0.1824	-0.1824	-0.3270	*****	*****	*****	
0.650	-0.2626	-0.1983	-0.1355	-0.1857	-0.1857	-0.3208	*****	*****	*****	
0.675	*****	-0.2158	-0.1500	-0.1925	-0.1925	-0.3125	*****	*****	*****	
0.700	-0.2746	-0.2353	-0.1646	-0.2116	-0.2116	-0.3247	*****	*****	*****	
0.725	*****	-0.2521	*****	-0.2204	-0.2204	-0.3262	*****	*****	*****	
0.750	-0.2843	-0.2788	*****	-0.2211	-0.2211	-0.3435	*****	*****	*****	
0.775	*****	-0.3015	-0.2207	-0.2352	-0.2352	-0.3584	*****	*****	*****	
0.800	-0.2873	-0.3324	-0.2468	-0.2572	-0.2572	*****	*****	*****	*****	
0.825	*****	-0.3568	-0.2776	-0.2752	-0.2752	-0.4312	*****	*****	*****	
0.850	-0.2841	-0.3778	-0.3164	-0.3130	-0.3130	-0.4716	*****	*****	*****	
0.875	*****	-0.3965	-0.3572	-0.3549	-0.3549	-0.5438	*****	*****	*****	
0.900	-0.2723	-0.4095	-0.3997	-0.4094	*****	*****	*****	*****	*****	
0.925	*****	-0.4146	-0.4330	-0.4870	-0.4870	-0.8547	*****	*****	*****	
0.950	-0.2728	-0.4248	-0.5420	-0.6352	-0.6497	*****	*****	*****	*****	
0.975	*****	-0.4983	-0.7451	-0.7766	-0.6688	*****	*****	*****	*****	
1.000	-0.5785	-0.9181	-0.8874	-0.8187	-0.8187	-0.8686	*****	*****	*****	
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.400	0.0996	0.1030	0.1558	*****	*****	-0.3521	*****	*****	*****	
-0.600	0.0914	0.1088	0.1274	-0.0221	-0.4254	*****	*****	*****	*****	
-0.700	0.0966	0.1122	0.1091	0.0041	-0.5022	*****	*****	*****	*****	
-0.800	*****	0.1043	0.1151	0.0176	-0.5782	*****	*****	*****	*****	
-0.850	*****	*****	0.1070	0.0336	-0.5947	*****	*****	*****	*****	
-0.900	*****	0.1369	0.1152	0.0389	-0.6163	*****	*****	*****	*****	
-0.950	0.1767	0.1691	0.1401	0.0620	-0.6506	*****	*****	*****	*****	
-0.975	0.1974	0.1377	0.1807	0.1152	-0.2351	*****	*****	*****	*****	
-1.000	*****	0.1955	0.1863	0.1444	-0.0501	*****	*****	*****	*****	
	-0.6224	-0.8813	-0.8384	-0.7783	-0.6614	*****	*****	*****	*****	

Surface Pressures



Small Radius L.E.
 Run No. = 39 , Point No. = 786
 $C_N = 0.237$, $C_m = -0.0375$
 $\alpha = 6.3^\circ$, $M_\infty = 0.799$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.2969	*****
0.20	-0.5785	-0.6224
0.30	-0.8047	*****
0.40	-0.9181	-0.8813
0.50	-0.9021	*****
0.60	-0.8874	-0.8384
0.70	-0.8460	*****
0.80	-0.8187	-0.7783
0.90	-0.8732	*****
0.95	-0.8686	-0.6614

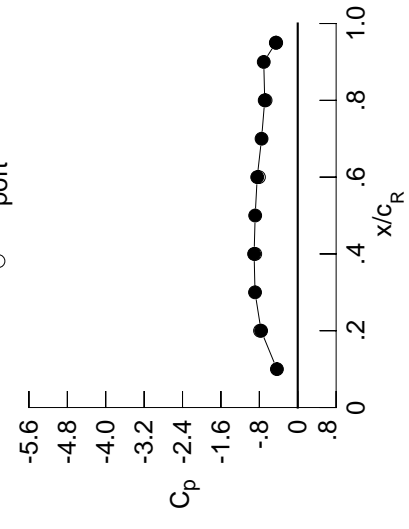
Table D3. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1365	-0.1176	0.0337	*****	*****
0.100	-0.1373	-0.1176	0.0201	*****	*****
0.150	-0.1471	-0.1208	0.0065	*****	*****
0.200	-0.1563	-0.1191	-0.0096	*****	-0.2046
0.250	*****	-0.1288	0.0226	-0.1979	-0.2393
0.300	-0.1659	-0.1304	-0.0403	-0.1844	-0.2964
0.350	-0.1803	-0.1386	-0.0556	-0.1775	-0.3369
0.400	-0.1997	-0.1485	-0.0695	-0.1731	-0.3515
0.450	-0.2162	-0.1607	-0.0832	-0.1793	-0.3125
0.500	-0.2362	-0.1757	-0.1095	-0.1908	-0.2390
0.525	*****	-0.1823	-0.1161	-0.1904	-0.2272
0.550	-0.2550	-0.1940	-0.1279	-0.1825	-0.2266
0.575	*****	-0.1974	-0.1336	-0.1850	-0.2472
0.600	-0.2763	-0.2082	-0.1493	-0.1910	-0.2816
0.625	*****	*****	-0.1543	-0.1922	-0.3229
0.650	-0.2972	-0.2364	-0.1624	-0.1907	-0.3564
0.675	*****	-0.2533	-0.1726	-0.1924	-0.3826
0.700	-0.3135	-0.2673	-0.1803	-0.2014	-0.4085
0.725	*****	-0.2889	*****	-0.2049	-0.4242
0.750	-0.3298	-0.3139	*****	-0.2205	-0.4510
0.775	*****	-0.3415	-0.2310	-0.2314	-0.5269
0.800	-0.3359	-0.3685	-0.2730	-0.2831	*****
0.825	*****	-0.3983	-0.3010	-0.4311	-0.7624
0.850	-0.3405	-0.4196	-0.3496	-0.5614	-0.7864
0.875	*****	-0.4371	-0.4674	-0.6410	-0.7251
0.900	-0.3401	-0.4524	-0.6380	-0.6884	*****
0.925	*****	-0.5259	-0.7531	-0.6976	-0.6878
0.950	-0.3550	-0.7012	-0.8080	-0.6934	-0.5930
0.975	*****	-0.8638	-0.8024	-0.6943	-0.5113
1.000	-0.7631	-0.9089	-0.8438	-0.6878	-0.4559
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1211	0.1226	0.1725	*****	-0.3818
-0.400	0.1157	0.1304	0.1396	-0.0113	-0.4460
-0.600	0.1213	0.1319	0.1297	0.0172	-0.5080
-0.700	*****	0.1296	0.1336	0.0330	-0.5133
-0.800	*****	*****	0.1309	0.0496	-0.5140
-0.850	*****	0.1635	0.1390	0.0596	-0.5486
-0.900	0.1999	0.1930	0.1640	0.0811	-0.5932
-0.950	0.2156	0.1418	0.1968	0.1331	-0.2116
-0.975	*****	0.1902	0.1873	0.1495	-0.0359
-1.000	-0.7854	-0.8853	-0.8083	-0.6696	-0.4489

Small Radius L.E.
 Run No. = 39 , Point No. = 787
 $C_N = 0.296$, $C_m = -0.0524$
 $\alpha = 7.3^\circ$, $M_\infty = 0.800$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.4339	*****
0.20	-0.7631	-0.7854
0.30	-0.8898	*****
0.40	-0.9089	-0.8853
0.50	-0.8866	*****
0.60	-0.8438	-0.8083
0.70	-0.7533	*****
0.80	-0.6878	-0.6696
0.90	-0.7080	*****
0.95	-0.4559	-0.4489

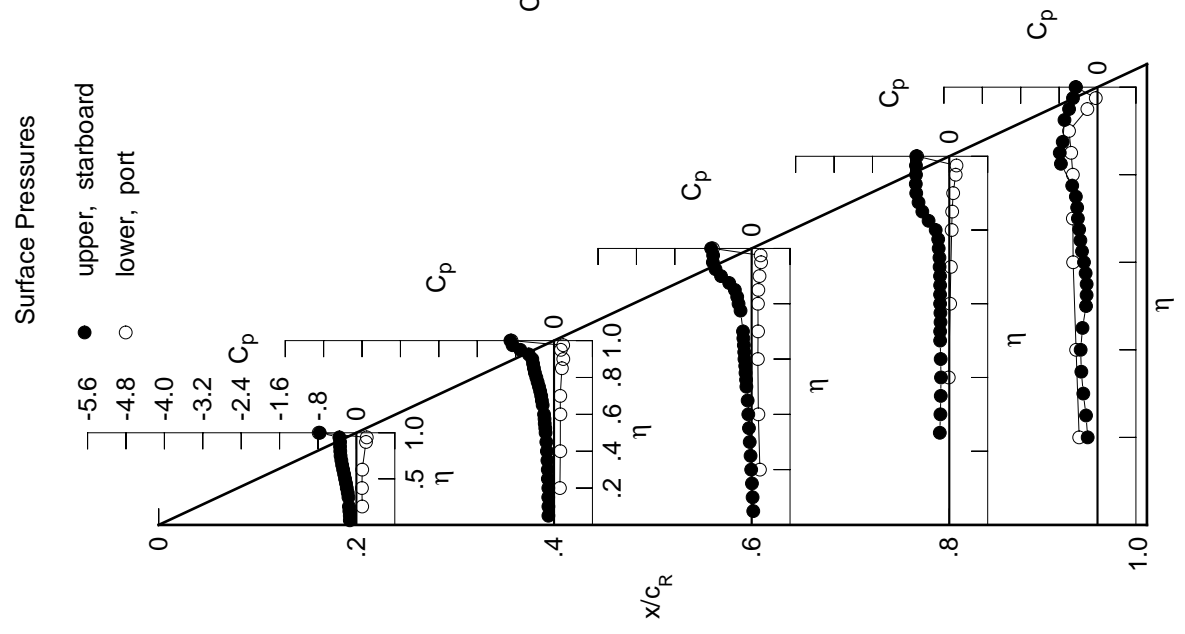
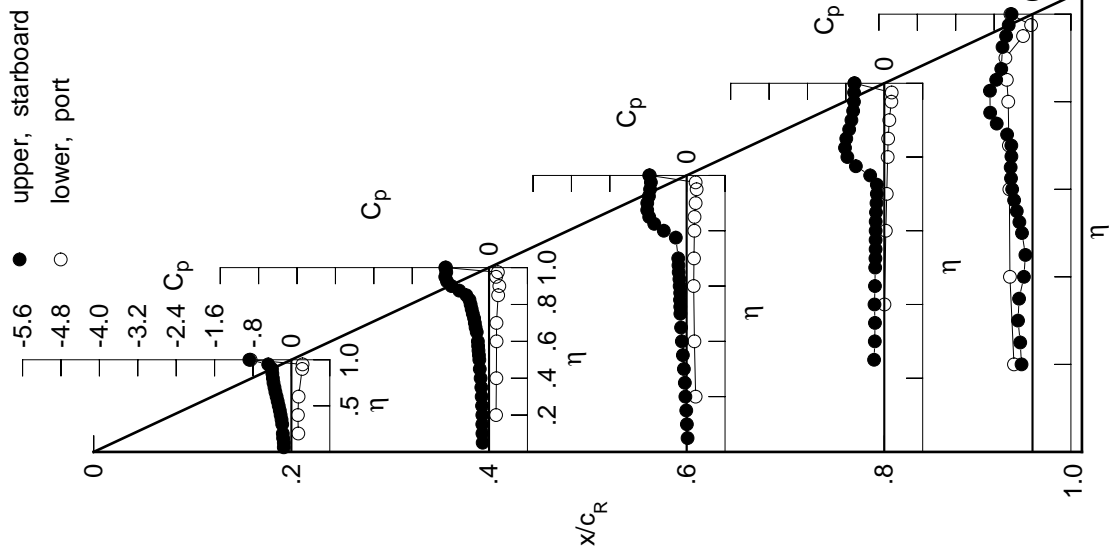


Table D3. Continued.

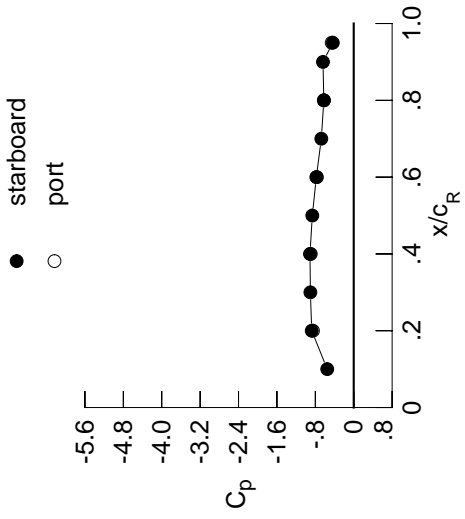
η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1586	-0.1325	0.0189	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1588	-0.1383	0.0047	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1729	-0.1404	-0.0081	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1793	-0.1401	-0.0267	*****	*****	*****	*****	*****	*****	-0.2292
0.250	*****	-0.1458	-0.0377	-0.2130	-0.2559	*****	*****	*****	*****	*****
0.300	-0.1910	-0.1537	-0.0578	-0.1980	-0.3013	*****	*****	*****	*****	*****
0.350	-0.2052	-0.1608	-0.0780	-0.1942	-0.2798	*****	*****	*****	*****	*****
0.400	-0.2243	-0.1755	-0.1002	-0.2041	-0.1794	*****	*****	*****	*****	*****
0.450	-0.2418	-0.1926	-0.1158	-0.1944	-0.1482	*****	*****	*****	*****	*****
0.500	-0.2640	-0.2021	-0.1312	-0.1897	-0.2191	*****	*****	*****	*****	*****
0.525	*****	-0.2102	-0.1339	-0.1848	-0.2739	*****	*****	*****	*****	*****
0.550	-0.2858	-0.2199	-0.1387	-0.1811	-0.3278	*****	*****	*****	*****	*****
0.575	*****	-0.2275	-0.1343	-0.1806	-0.3830	*****	*****	*****	*****	*****
0.600	-0.3081	-0.2324	-0.1452	-0.1802	-0.4243	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1509	-0.1790	-0.4478	*****	*****	*****	*****	*****
0.650	-0.3331	-0.2558	-0.1654	-0.1725	-0.4550	*****	*****	*****	*****	*****
0.675	*****	-0.2803	-0.1705	-0.1624	-0.4403	*****	*****	*****	*****	*****
0.700	-0.3518	-0.2958	-0.1750	-0.1550	-0.4415	*****	*****	*****	*****	*****
0.725	*****	-0.3114	*****	-0.1550	-0.5294	*****	*****	*****	*****	*****
0.750	-0.3729	-0.3383	*****	-0.2948	-0.7460	*****	*****	*****	*****	*****
0.775	*****	-0.3613	-0.2254	-0.5918	-0.8828	*****	*****	*****	*****	*****
0.800	-0.3859	-0.3834	-0.4761	-0.7698	*****	*****	*****	*****	*****	*****
0.825	*****	-0.4073	-0.6754	-0.8183	-0.8871	*****	*****	*****	*****	*****
0.850	-0.3966	-0.4718	-0.7804	-0.7917	-0.7568	*****	*****	*****	*****	*****
0.875	*****	-0.6195	-0.8218	-0.7321	-0.6511	*****	*****	*****	*****	*****
0.900	-0.4047	-0.7828	-0.8208	-0.6847	*****	*****	*****	*****	*****	*****
0.925	*****	-0.8753	-0.7858	-0.6489	-0.6251	*****	*****	*****	*****	*****
0.950	-0.4833	-0.9123	-0.7614	-0.6317	-0.5507	*****	*****	*****	*****	*****
0.975	*****	-0.8910	-0.7448	-0.6293	-0.4959	*****	*****	*****	*****	*****
1.000	-0.8749	-0.9113	-0.7793	-0.6230	-0.4357	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.1436	0.1461	0.1876	*****	-0.3861	$C_{p,l}$	0.1436	0.1461	0.1876
-0.400	$C_{p,l}$	0.1358	0.1525	0.1619	0.0034	-0.4705	$C_{p,l}$	0.1358	0.1525	0.1619
-0.600	$C_{p,l}$	0.1499	0.1568	0.1467	0.0322	-0.4825	$C_{p,l}$	0.1499	0.1568	0.1467
-0.700	$C_{p,l}$	*****	0.1552	0.1528	0.0509	-0.4924	$C_{p,l}$	*****	0.1552	0.1528
-0.800	$C_{p,l}$	*****	*****	0.1611	0.0701	-0.5056	$C_{p,l}$	*****	*****	0.1611
-0.850	$C_{p,l}$	*****	0.1904	0.1643	0.0803	-0.5351	$C_{p,l}$	*****	0.1904	0.1643
-0.900	$C_{p,l}$	0.2243	0.2145	0.1871	0.1045	-0.5649	$C_{p,l}$	0.2243	0.2145	0.1871
-0.950	$C_{p,l}$	0.2332	0.1464	0.2084	0.1474	-0.1964	$C_{p,l}$	0.2332	0.1464	0.2084
-0.975	$C_{p,l}$	*****	0.1842	0.1873	0.1532	-0.0295	$C_{p,l}$	*****	0.1842	0.1873
-1.000	$C_{p,l}$	-0.8492	-0.8962	-0.7682	-0.6200	-0.4594	$C_{p,l}$	-0.8492	-0.8962	-0.7682

Surface Pressures



Small Radius L.E.
 Run No. = 39, Point No. = 788
 $C_N = 0.351$, $C_m = -0.0621$
 $\alpha = 8.3^\circ$, $M_\infty = 0.798$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.5521	*****
0.20	-0.8749	-0.8492
0.30	-0.9032	*****
0.40	-0.9113	-0.8962
0.50	-0.8628	*****
0.60	-0.7793	-0.7682
0.70	-0.6751	*****
0.80	-0.6230	-0.6200
0.90	-0.6404	*****
0.95	-0.4357	-0.4594

Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1794	-0.1563	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
0.100	-0.1859	-0.1593	-0.0146	-0.0146	-0.0146	-0.0146	-0.0146	-0.0146	-0.0146	-0.0146
0.150	-0.1955	-0.1621	-0.0281	-0.0281	-0.0281	-0.0281	-0.0281	-0.0281	-0.0281	-0.0281
0.200	-0.2063	-0.1607	-0.0452	-0.0452	-0.0452	-0.0452	-0.0452	-0.0452	-0.0452	-0.0452
0.250	*****	-0.1708	-0.0591	-0.0591	-0.0591	-0.0591	-0.0591	-0.0591	-0.0591	-0.0591
0.300	-0.2181	-0.1802	-0.0887	-0.0887	-0.0887	-0.0887	-0.0887	-0.0887	-0.0887	-0.0887
0.350	-0.2328	-0.1947	-0.1169	-0.1169	-0.1169	-0.1169	-0.1169	-0.1169	-0.1169	-0.1169
0.400	-0.2528	-0.2156	-0.1200	-0.1200	-0.1200	-0.1200	-0.1200	-0.1200	-0.1200	-0.1200
0.450	-0.2716	-0.2210	-0.1236	-0.1236	-0.1236	-0.1236	-0.1236	-0.1236	-0.1236	-0.1236
0.500	-0.2925	-0.2284	-0.1335	-0.1335	-0.1335	-0.1335	-0.1335	-0.1335	-0.1335	-0.1335
0.525	*****	-0.2300	-0.1350	-0.1350	-0.1350	-0.1350	-0.1350	-0.1350	-0.1350	-0.1350
0.550	-0.3165	-0.2371	-0.1428	-0.1428	-0.1428	-0.1428	-0.1428	-0.1428	-0.1428	-0.1428
0.575	*****	-0.2369	-0.1420	-0.1420	-0.1420	-0.1420	-0.1420	-0.1420	-0.1420	-0.1420
0.600	-0.3420	-0.2419	-0.1502	-0.1502	-0.1502	-0.1502	-0.1502	-0.1502	-0.1502	-0.1502
0.625	*****	*****	-0.1469	-0.1469	-0.1469	-0.1469	-0.1469	-0.1469	-0.1469	-0.1469
0.650	-0.3688	-0.2677	-0.1493	-0.1493	-0.1493	-0.1493	-0.1493	-0.1493	-0.1493	-0.1493
0.675	*****	-0.2839	-0.1476	-0.1476	-0.1476	-0.1476	-0.1476	-0.1476	-0.1476	-0.1476
0.700	-0.3912	-0.3018	-0.1358	-0.1358	-0.1358	-0.1358	-0.1358	-0.1358	-0.1358	-0.1358
0.725	*****	-0.3104	*****	-0.4511	-0.4511	-0.4511	-0.4511	-0.4511	-0.4511	-0.4511
0.750	-0.4154	-0.3118	*****	-0.7393	-0.7393	-0.7393	-0.7393	-0.7393	-0.7393	-0.7393
0.775	*****	-0.3574	-0.8096	-0.9014	-0.9014	-0.9014	-0.9014	-0.9014	-0.9014	-0.9014
0.800	-0.4260	-0.5719	-0.9232	-0.9529	-0.9529	-0.9529	-0.9529	-0.9529	-0.9529	-0.9529
0.825	*****	-0.7714	-0.9214	-0.9305	-0.9305	-0.9305	-0.9305	-0.9305	-0.9305	-0.9305
0.850	-0.4342	-0.8860	-0.9016	-0.8274	-0.8274	-0.8274	-0.8274	-0.8274	-0.8274	-0.8274
0.875	*****	-0.9362	-0.8514	-0.7187	-0.7187	-0.7187	-0.7187	-0.7187	-0.7187	-0.7187
0.900	-0.5502	-0.9445	-0.7978	-0.6802	-0.6802	-0.6802	-0.6802	-0.6802	-0.6802	-0.6802
0.925	*****	-0.9372	-0.7539	-0.6395	-0.6395	-0.6395	-0.6395	-0.6395	-0.6395	-0.6395
0.950	-0.8046	-0.9165	-0.7325	-0.6189	-0.6189	-0.6189	-0.6189	-0.6189	-0.6189	-0.6189
0.975	*****	-0.9007	-0.7218	-0.6127	-0.6127	-0.6127	-0.6127	-0.6127	-0.6127	-0.6127
1.000	-0.9145	-0.9219	-0.7489	-0.6028	-0.6028	-0.6028	-0.6028	-0.6028	-0.6028	-0.6028
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1680	0.1643	0.2059	0.2059	0.2059	0.2059	0.2059	0.2059	0.2059	0.2059
-0.600	0.1602	0.1730	0.1757	0.1665	0.1665	0.1665	0.1665	0.1665	0.1665	0.1665
-0.700	0.1763	0.1774	0.1664	0.1664	0.1664	0.1664	0.1664	0.1664	0.1664	0.1664
-0.800	*****	0.1790	0.1701	0.0625	-0.5001	-0.5001	-0.5001	-0.5001	-0.5001	-0.5001
-0.850	*****	0.2142	0.1831	0.0966	-0.5363	-0.5363	-0.5363	-0.5363	-0.5363	-0.5363
-0.900	0.2437	0.2332	0.2054	0.1191	-0.5433	-0.5433	-0.5433	-0.5433	-0.5433	-0.5433
-0.950	0.2462	0.1469	0.2178	0.1560	-0.1877	-0.1877	-0.1877	-0.1877	-0.1877	-0.1877
-0.975	*****	0.1748	0.1819	0.1509	-0.0247	-0.0247	-0.0247	-0.0247	-0.0247	-0.0247
-1.000	-0.8732	-0.9112	-0.7414	-0.6051	-0.4074	-0.4074	-0.4074	-0.4074	-0.4074	-0.4074

Small Radius L.E.

Run No. = 39 , Point No. = 789

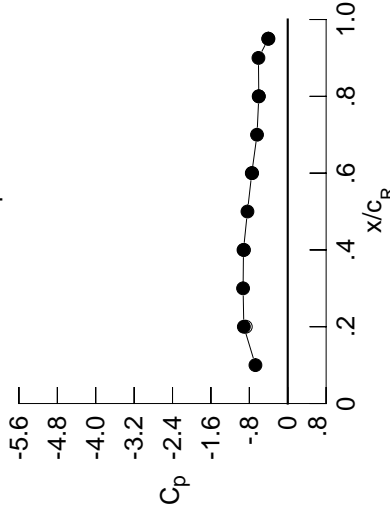
$C_N = 0.405$, $C_m = -0.0705$

$\alpha = 9.3^\circ$, $M_\infty = 0.799$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.6728	*****
0.20	-0.9145	-0.8732
0.30	-0.9300	*****
0.40	-0.9219	-0.9112
0.50	-0.8393	*****
0.60	-0.7489	-0.7414
0.70	-0.6397	*****
0.80	-0.6028	-0.6051
0.90	-0.6104	*****
0.95	-0.4016	-0.4074

Surface Pressures

● upper, starboard
○ lower, port

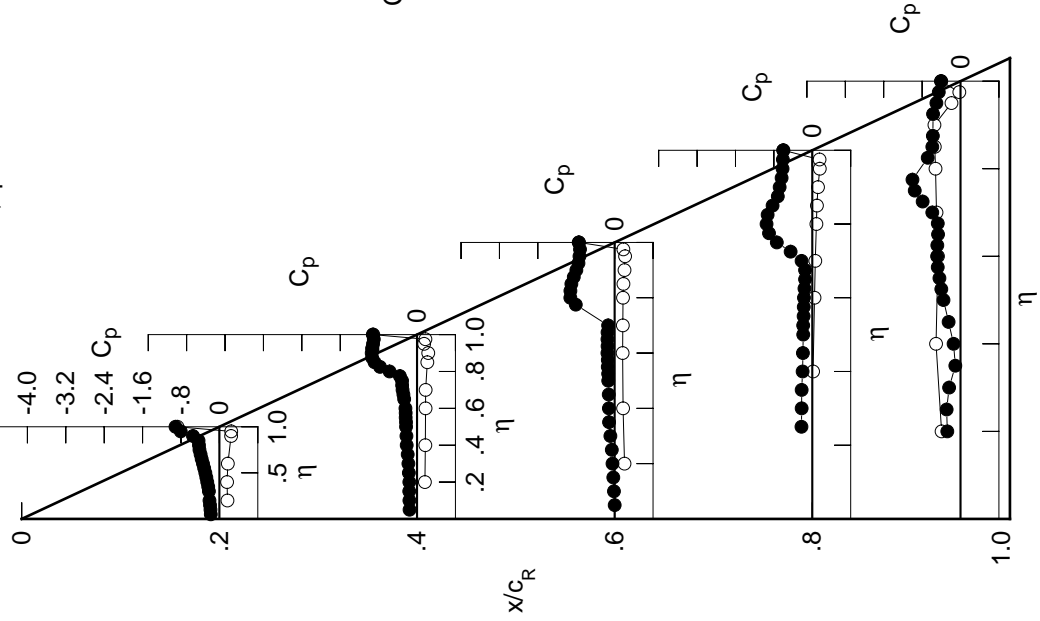
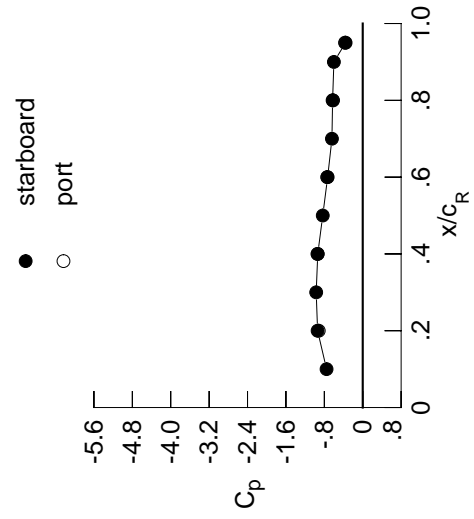


Table D3. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2023	-0.1810	-0.0195	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2078	-0.1820	-0.0340	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2185	-0.1855	-0.0472	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2281	-0.1873	-0.0683	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2027	-0.0889	-0.2464	-0.2807	*****	*****	*****	*****	*****
0.300	-0.2436	-0.2157	-0.1185	-0.2404	-0.1379	*****	*****	*****	*****	*****
0.350	-0.2580	-0.2247	-0.1251	-0.2172	-0.1452	*****	*****	*****	*****	*****
0.400	-0.2810	-0.2335	-0.1277	-0.2087	-0.2114	*****	*****	*****	*****	*****
0.450	-0.3007	-0.2424	-0.1302	-0.2011	-0.3198	*****	*****	*****	*****	*****
0.500	-0.3207	-0.2400	-0.1484	-0.1957	-0.4126	*****	*****	*****	*****	*****
0.525	*****	-0.2444	-0.1507	-0.1912	-0.4490	*****	*****	*****	*****	*****
0.550	-0.3421	-0.2501	-0.1557	-0.1810	-0.4726	*****	*****	*****	*****	*****
0.575	*****	-0.2507	-0.1477	-0.1742	-0.4938	*****	*****	*****	*****	*****
0.600	-0.3691	-0.2572	-0.1504	-0.1717	-0.4972	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1399	-0.1662	-0.5001	*****	*****	*****	*****	*****
0.650	-0.3973	-0.2636	-0.1331	-0.1876	-0.5382	*****	*****	*****	*****	*****
0.675	*****	-0.2578	-0.1434	-0.2804	-0.6279	*****	*****	*****	*****	*****
0.700	-0.4155	-0.2356	-0.2461	-0.5029	-0.7953	*****	*****	*****	*****	*****
0.725	*****	-0.2552	*****	-0.7708	-0.9508	*****	*****	*****	*****	*****
0.750	-0.4246	-0.5538	*****	-0.9721	-1.0210	*****	*****	*****	*****	*****
0.775	*****	-0.8943	-1.0690	-1.0624	-0.7201	*****	*****	*****	*****	*****
0.800	-0.4413	-1.0261	-1.0855	-0.9705	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0417	-1.0493	-0.8436	-0.5191	*****	*****	*****	*****	*****
0.850	-0.6369	-1.0315	-0.9860	-0.7743	-0.5111	*****	*****	*****	*****	*****
0.875	*****	-1.0082	-0.8653	-0.7373	-0.5251	*****	*****	*****	*****	*****
0.900	-0.8626	-0.9721	-0.8058	-0.6975	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9522	-0.7582	-0.6505	-0.5221	*****	*****	*****	*****	*****
0.950	-0.9616	-0.9343	-0.7250	-0.6487	-0.4571	*****	*****	*****	*****	*****
0.975	*****	-0.9189	-0.7086	-0.6393	-0.4045	*****	*****	*****	*****	*****
1.000	-0.9404	-0.9370	-0.7309	-0.6278	-0.3567	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1937	0.1875	0.2212	*****	-0.3897	*****	*****	*****	*****	*****
-0.400	0.1892	0.1958	0.1926	0.0317	-0.5189	*****	*****	*****	*****	*****
-0.600	0.2045	0.2015	0.1831	0.0602	-0.5010	*****	*****	*****	*****	*****
-0.700	*****	0.2036	0.1921	0.0788	-0.5427	*****	*****	*****	*****	*****
-0.800	*****	*****	0.1956	0.1009	-0.5358	*****	*****	*****	*****	*****
-0.850	*****	0.2366	0.2043	0.1144	-0.5389	*****	*****	*****	*****	*****
-0.900	0.2646	0.2503	0.2238	0.1359	-0.5296	*****	*****	*****	*****	*****
-0.950	0.2602	0.1495	0.2239	0.1674	-0.1784	*****	*****	*****	*****	*****
-0.975	*****	0.1630	0.1742	0.1496	-0.0219	*****	*****	*****	*****	*****
-1.000	-0.9163	-0.9431	-0.7407	-0.6183	-0.3688	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 39 , Point No. = 790
 $C_N = 0.459$, $C_m = -0.0790$
 $\alpha = 10.4^\circ$, $M_\infty = 0.799$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.7534	*****
0.20	-0.9404	-0.9163
0.30	-0.9694	*****
0.40	-0.9370	-0.9431
0.50	-0.8330	*****
0.60	-0.7309	-0.7407
0.70	-0.6415	*****
0.80	-0.6278	-0.6183
0.90	-0.6008	*****
0.95	-0.3567	-0.3688

Surface Pressures

● upper, starboard
 ○ lower, port

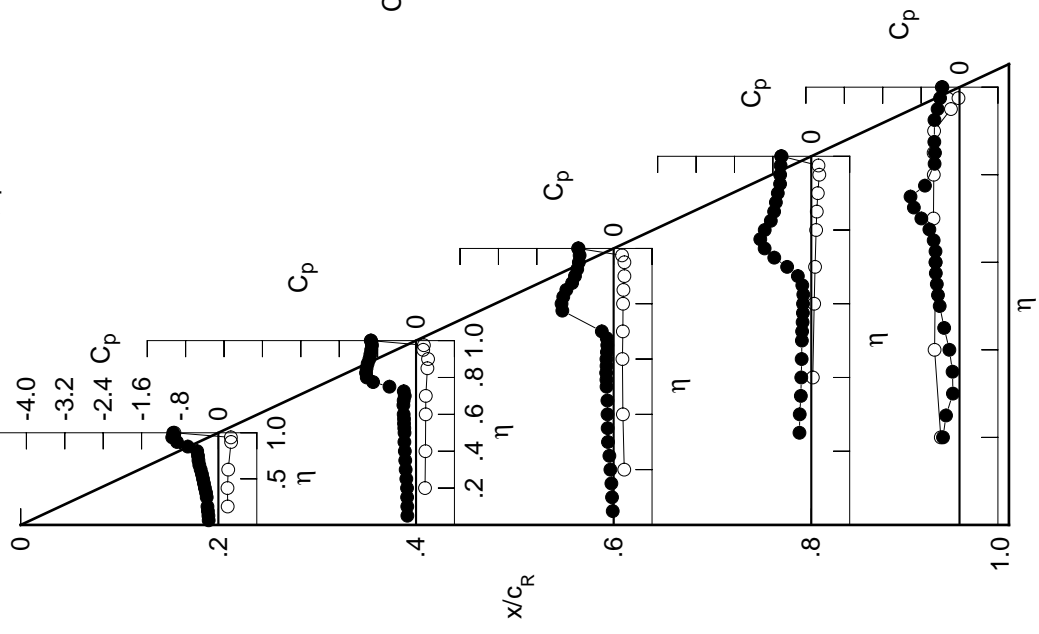
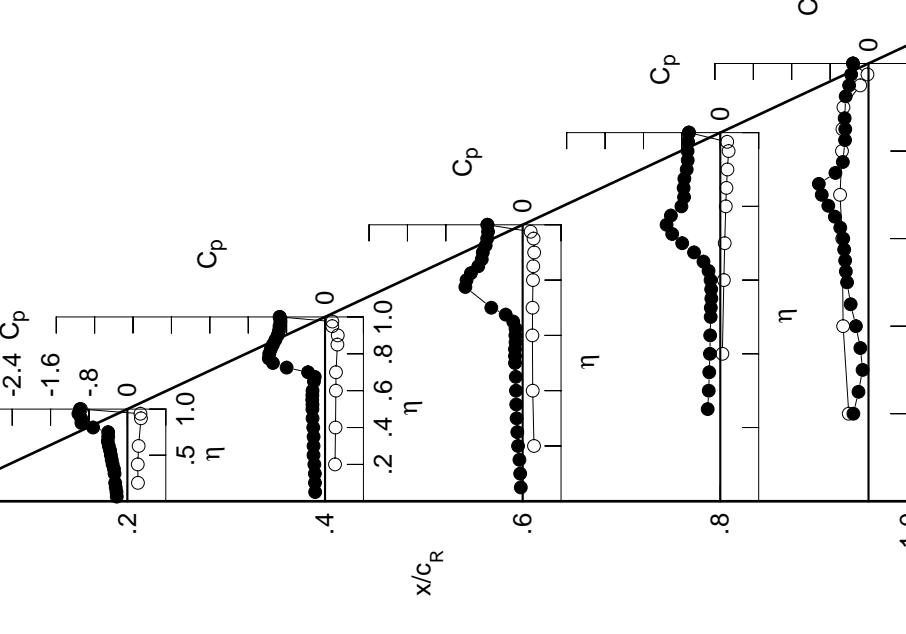
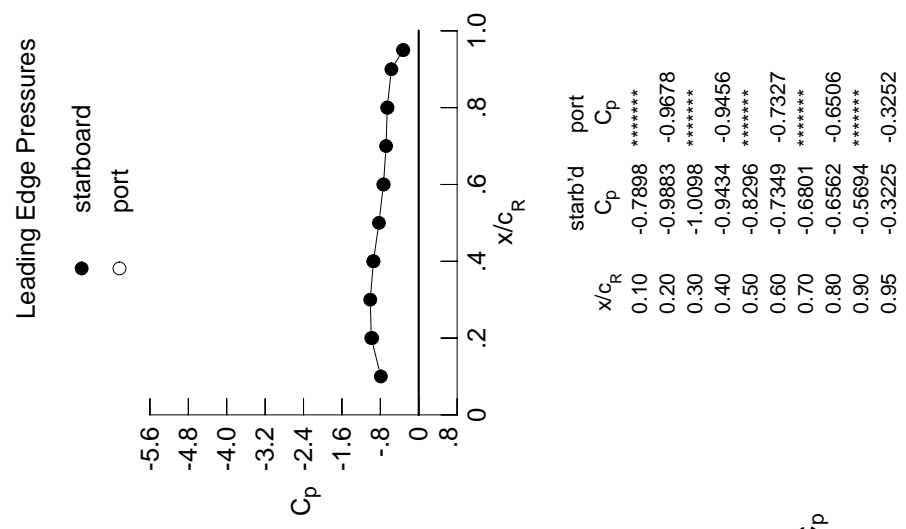


Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,d}$	$C_{p,u}$	$C_{p,d}$	$C_{p,u}$	$C_{p,d}$	$C_{p,u}$	$C_{p,d}$	$C_{p,u}$	$C_{p,d}$
0.050	-0.2216	-0.2053	-0.0384	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2273	-0.2093	-0.0510	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2430	-0.2118	-0.0668	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2545	-0.2221	-0.0958	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2397	-0.1111	-0.2625	-0.2091	*****	*****	*****	*****	*****
0.300	-0.2678	-0.2393	-0.1258	-0.2409	-0.1230	*****	*****	*****	*****	*****
0.350	-0.2801	-0.2386	-0.1337	-0.2295	-0.1696	*****	*****	*****	*****	*****
0.400	-0.3073	-0.2460	-0.1392	-0.2159	-0.2624	*****	*****	*****	*****	*****
0.450	-0.3264	-0.2597	-0.1432	-0.2102	-0.3721	*****	*****	*****	*****	*****
0.500	-0.3440	-0.2636	-0.1592	-0.2001	-0.4467	*****	*****	*****	*****	*****
0.525	*****	-0.2619	-0.1590	-0.1978	-0.4720	*****	*****	*****	*****	*****
0.550	-0.3601	-0.2665	-0.1596	-0.1864	-0.4864	*****	*****	*****	*****	*****
0.575	*****	-0.2641	-0.1482	-0.1897	-0.5069	*****	*****	*****	*****	*****
0.600	-0.3874	-0.2608	-0.1515	-0.2028	-0.5264	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1491	-0.2446	-0.5878	*****	*****	*****	*****	*****
0.650	-0.4087	-0.2313	-0.1967	-0.3504	-0.7007	*****	*****	*****	*****	*****
0.675	*****	-0.2153	-0.3531	-0.5469	-0.8373	*****	*****	*****	*****	*****
0.700	-0.3997	-0.3546	-0.6528	-0.7939	-0.9746	*****	*****	*****	*****	*****
0.725	*****	-0.8002	*****	-1.0016	-1.0350	*****	*****	*****	*****	*****
0.750	-0.4005	-1.0856	*****	-1.1191	-0.6892	*****	*****	*****	*****	*****
0.775	*****	-1.1721	-1.1938	-1.0287	-0.5355	*****	*****	*****	*****	*****
0.800	-0.7145	-1.1624	-1.1690	-0.8093	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1306	-1.0779	-0.7551	-0.4886	*****	*****	*****	*****	*****
0.850	-0.9586	-1.0861	-0.9244	-0.7637	-0.4837	*****	*****	*****	*****	*****
0.875	*****	-1.0352	-0.8517	-0.7489	-0.4967	*****	*****	*****	*****	*****
0.900	-0.9640	-0.9882	-0.8308	-0.6999	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9600	-0.7706	-0.6785	-0.4749	*****	*****	*****	*****	*****
0.950	-1.0208	-0.9485	-0.7394	-0.6813	-0.4042	*****	*****	*****	*****	*****
0.975	*****	-0.9311	-0.7211	-0.6705	-0.3614	*****	*****	*****	*****	*****
1.000	-0.9883	-0.9434	-0.7349	-0.6562	-0.3225	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2204	0.2079	0.2370	0.2370	0.2370	0.2370	0.2370	0.2370	0.2370	0.2370
-0.600	0.2161	0.2181	0.2097	0.0428	-0.5289	0.0428	0.0428	0.0428	0.0428	0.0428
-0.700	0.2341	0.2261	0.2034	0.0743	-0.5466	0.0743	0.0743	0.0743	0.0743	0.0743
-0.800	*****	0.2280	0.2068	0.0923	-0.5927	0.0923	0.0923	0.0923	0.0923	0.0923
-0.850	*****	*****	0.2151	0.1141	-0.5525	0.1141	0.1141	0.1141	0.1141	0.1141
-0.900	*****	0.2580	0.2219	0.1281	-0.5434	0.1281	0.1281	0.1281	0.1281	0.1281
-0.950	0.2826	0.2651	0.2399	0.1488	-0.5224	0.1488	0.1488	0.1488	0.1488	0.1488
-0.975	0.2723	0.1504	0.2277	0.1737	-0.1726	0.1737	0.1737	0.1737	0.1737	0.1737
-1.000	*****	0.1517	0.1664	0.1442	-0.0213	0.1442	0.1442	0.1442	0.1442	0.1442
-1.000	-0.9678	-0.9456	-0.7327	-0.6506	-0.3252	-0.6506	-0.6506	-0.6506	-0.6506	-0.6506

Small Radius L.E.
 Run No. = 39, Point No. = 791
 $C_N = 0.505$, $C_m = -0.0812$
 $\alpha = 11.4^\circ$, $M_\infty = 0.799$
 $R_{mac} = 6.0 \times 10^6$

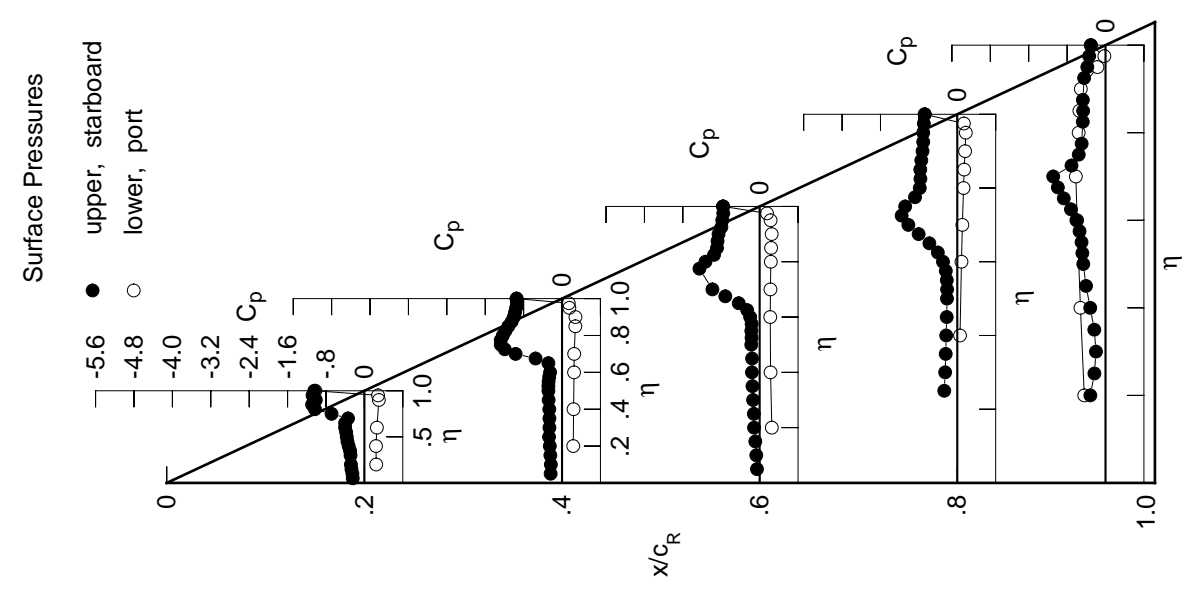
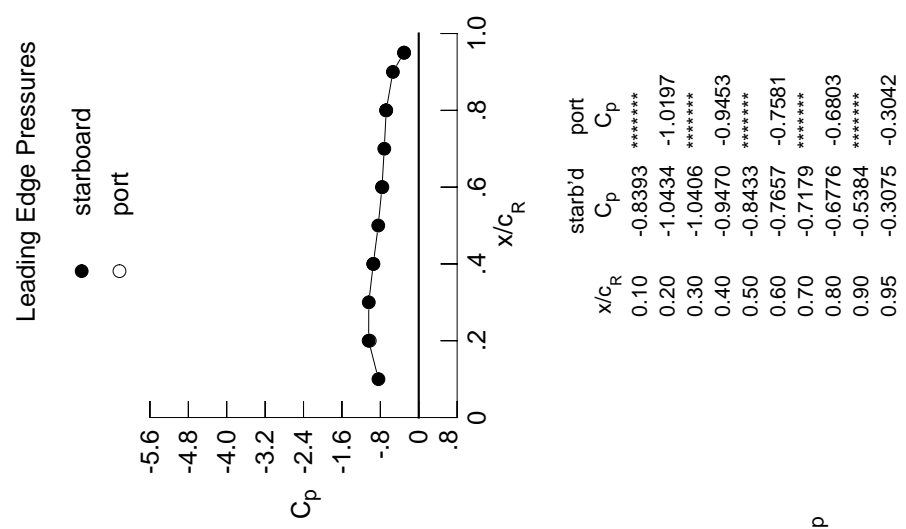


x/c_R	starb'd C_p	port C_p
0.10	-0.7898	*****
0.20	-0.9883	*****
0.30	-1.0098	*****
0.40	-0.9434	-0.9456
0.50	-0.8296	*****
0.60	-0.7349	-0.7327
0.70	-0.6801	*****
0.80	-0.6562	-0.6506
0.90	-0.5694	*****
0.95	-0.3225	-0.3252

Table D3. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2426	-0.2376	-0.0559	*****	*****
0.100	-0.2500	-0.2328	-0.0699	*****	*****
0.150	-0.2692	-0.2432	-0.0907	*****	*****
0.200	-0.2810	-0.2547	-0.1166	*****	-0.3160
0.250	*****	-0.2701	-0.1210	-0.2709	-0.2309
0.300	-0.2886	-0.2624	-0.1368	-0.2528	-0.1986
0.350	-0.2986	-0.2630	-0.1495	-0.2415	-0.2335
0.400	-0.3278	-0.2655	-0.1604	-0.2312	-0.3186
0.450	-0.3527	-0.2789	-0.1574	-0.2201	-0.4058
0.500	-0.3675	-0.2842	-0.1745	-0.2142	-0.4631
0.525	*****	-0.2843	-0.1690	-0.2126	-0.4826
0.550	-0.3792	-0.2796	-0.1734	-0.2181	-0.4995
0.575	*****	-0.2674	-0.1673	-0.2394	-0.5404
0.600	-0.4014	-0.2487	-0.1976	-0.2977	-0.6074
0.625	*****	*****	-0.2591	-0.4055	-0.7200
0.650	-0.4010	-0.2841	-0.4363	-0.5819	-0.8693
0.675	*****	-0.5509	-0.7150	-0.8053	-0.9930
0.700	-0.3404	-0.9672	-0.9841	-1.0195	-1.0897
0.725	*****	-1.1937	*****	-1.1595	-0.7085
0.750	-0.6837	-1.2766	*****	-1.0859	-0.5576
0.775	*****	-1.2771	-1.2545	-0.8807	-0.4965
0.800	-1.0299	-1.2328	-1.1288	-0.7816	*****
0.825	*****	-1.1792	-0.9503	-0.7681	-0.4738
0.850	-1.0896	-1.1182	-0.8884	-0.7709	-0.4664
0.875	*****	-1.0493	-0.8771	-0.7499	-0.4723
0.900	-1.0119	-1.0044	-0.8563	-0.7241	*****
0.925	*****	-0.9795	-0.7976	-0.7097	-0.4458
0.950	-1.0803	-0.9571	-0.7784	-0.7094	-0.3788
0.975	*****	-0.9393	-0.7577	-0.6970	-0.3403
1.000	-1.0434	-0.9470	-0.7657	-0.6776	-0.3075
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2462	0.2336	0.2540	*****	-0.4423
-0.400	0.2424	0.2403	0.2273	0.0568	-0.5224
-0.600	0.2611	0.2504	0.2211	0.0868	-0.5905
-0.700	*****	0.2527	0.2251	0.1059	-0.6175
-0.800	*****	*****	0.2328	0.1303	-0.5594
-0.850	*****	0.2776	0.2382	0.1433	-0.5443
-0.900	0.3013	0.2789	0.2512	0.1621	-0.5144
-0.950	0.2838	0.1516	0.2280	0.1773	-0.1684
-0.975	*****	0.1401	0.1540	0.1372	-0.0239
-1.000	-1.0197	-0.9453	-0.7581	-0.6803	-0.3042

Small Radius L.E.
 Run No. = 39 , Point No. = 792
 $C_N = 0.560$, $C_m = -0.0899$
 $\alpha = 12.4^\circ$, $M_\infty = 0.798$
 $R_{mac} = 6.0 \times 10^6$



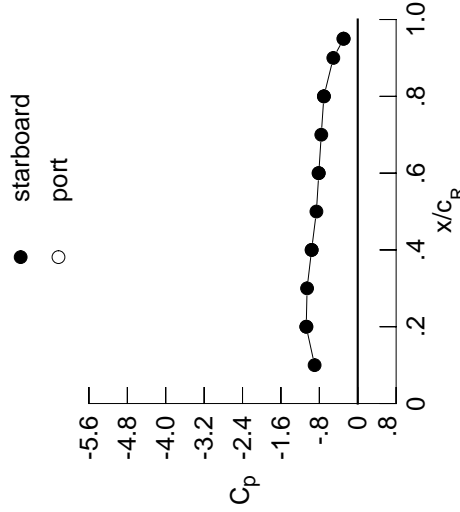
x/c_R	starb'd C_p	port C_p
0.10	-0.8393	*****
0.20	-1.0434	-1.0197
0.30	-1.0406	*****
0.40	-0.9470	-0.9453
0.50	-0.8433	*****
0.60	-0.7657	-0.7581
0.70	-0.7179	*****
0.80	-0.6776	-0.6803
0.90	-0.5384	*****
0.95	-0.3075	-0.3042

Table D3. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2630	-0.2666	-0.0768	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2740	-0.2667	-0.0915	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2979	-0.2808	-0.1143	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3039	-0.2839	-0.1302	*****	*****	*****	*****	*****	*****	-0.2629
0.250	*****	-0.2896	-0.1367	-0.2799	-0.1738	*****	*****	*****	*****	*****
0.300	-0.3046	-0.2862	-0.1500	-0.2607	-0.1888	*****	*****	*****	*****	*****
0.350	-0.3137	-0.2909	-0.1671	-0.2526	-0.2665	*****	*****	*****	*****	*****
0.400	-0.3376	-0.2926	-0.1719	-0.2396	-0.3617	*****	*****	*****	*****	*****
0.450	-0.3704	-0.2957	-0.1730	-0.2331	-0.4443	*****	*****	*****	*****	*****
0.500	-0.3860	-0.2899	-0.1856	-0.2349	-0.4947	*****	*****	*****	*****	*****
0.525	*****	-0.2870	-0.1868	-0.2461	-0.5236	*****	*****	*****	*****	*****
0.550	-0.3853	-0.2828	-0.2016	-0.2751	-0.5619	*****	*****	*****	*****	*****
0.575	*****	-0.2735	-0.2221	-0.3397	-0.6375	*****	*****	*****	*****	*****
0.600	-0.3652	-0.2893	-0.3173	-0.4522	-0.7433	*****	*****	*****	*****	*****
0.625	*****	*****	-0.4645	-0.6163	-0.8840	*****	*****	*****	*****	*****
0.650	-0.3418	-0.7319	-0.7337	-0.8166	-1.0356	*****	*****	*****	*****	*****
0.675	*****	-1.0858	-1.0061	-1.0239	-1.1296	*****	*****	*****	*****	*****
0.700	-0.7578	-1.2718	-1.2161	-1.1890	-0.6777	*****	*****	*****	*****	*****
0.725	*****	-1.3368	*****	-1.0952	-0.5503	*****	*****	*****	*****	*****
0.750	-1.0796	-1.3474	*****	-0.8810	-0.5071	*****	*****	*****	*****	*****
0.775	*****	-1.3225	-1.1101	-0.7988	-0.4866	*****	*****	*****	*****	*****
0.800	-1.1559	-1.2577	-0.9539	-0.7932	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1881	-0.9064	-0.7933	-0.4614	*****	*****	*****	*****	*****
0.850	-1.1318	-1.1136	-0.9109	-0.7964	-0.4472	*****	*****	*****	*****	*****
0.875	*****	-1.0537	-0.9058	-0.7646	-0.4421	*****	*****	*****	*****	*****
0.900	-1.0447	-1.0216	-0.8687	-0.7465	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9948	-0.8277	-0.7375	-0.4148	*****	*****	*****	*****	*****
0.950	-1.1093	-0.9743	-0.8236	-0.7311	-0.3510	*****	*****	*****	*****	*****
0.975	*****	-0.9569	-0.8013	-0.7217	-0.3201	*****	*****	*****	*****	*****
1.000	-1.0732	-0.9611	-0.8109	-0.7054	-0.2914	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2721	0.2540	0.2699	*****	-0.4742	*****	*****	*****	*****	*****
-0.600	0.2695	0.2622	0.2443	0.0704	-0.5786	*****	*****	*****	*****	*****
-0.700	0.2863	0.2699	0.2374	0.1003	-0.6343	*****	*****	*****	*****	*****
-0.800	*****	0.2740	0.2432	0.1198	-0.6302	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2486	0.1429	-0.5579	*****	*****	*****	*****	*****
-0.900	*****	0.2938	0.2528	0.1568	-0.5381	*****	*****	*****	*****	*****
-0.950	0.3157	0.2893	0.2620	0.1737	-0.5034	*****	*****	*****	*****	*****
-0.975	0.2905	0.1476	0.2248	0.1805	-0.1644	*****	*****	*****	*****	*****
-1.000	*****	0.1261	0.1359	0.1281	-0.0279	*****	*****	*****	*****	*****
	-1.0679	-0.9592	-0.8171	-0.7042	-0.3002	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 39, Point No. = 793
 $C_N = 0.606$, $C_m = -0.0929$
 $\alpha = 13.4^\circ$, $M_\infty = 0.798$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.8985	*****
0.20	-1.0732	-1.0679
0.30	-1.0549	*****
0.40	-0.9611	-0.9592
0.50	-0.8608	*****
0.60	-0.8109	-0.8171
0.70	-0.7596	*****
0.80	-0.7054	-0.7042
0.90	-0.5088	*****
0.95	-0.2914	-0.3002

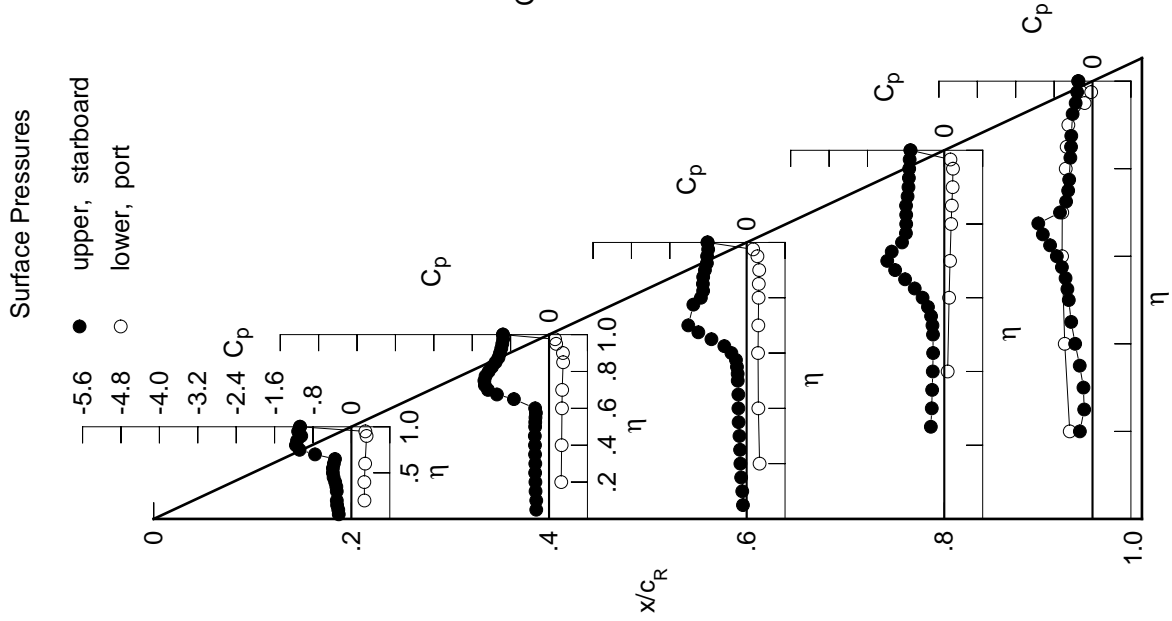
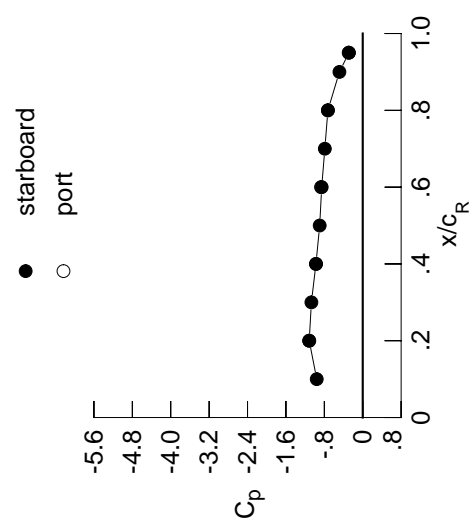


Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2872	-0.2978	-0.0964	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3023	-0.3005	-0.1130	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3219	-0.3149	-0.1319	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3249	-0.3084	-0.1434	*****	*****	*****	*****	*****	*****	-0.2371
0.250	*****	-0.3161	-0.1525	-0.2912	-0.1527	*****	*****	*****	*****	-0.1527
0.300	-0.3232	-0.3161	-0.1687	-0.2754	-0.1928	*****	*****	*****	*****	-0.1928
0.350	-0.3350	-0.3198	-0.1836	-0.2645	-0.2805	*****	*****	*****	*****	-0.2805
0.400	-0.3575	-0.3221	-0.1904	-0.2534	-0.3792	*****	*****	*****	*****	-0.3792
0.450	-0.3832	-0.3205	-0.1927	-0.2513	-0.4584	*****	*****	*****	*****	-0.4584
0.500	-0.3964	-0.3104	-0.2148	-0.2748	-0.5217	*****	*****	*****	*****	-0.5217
0.525	*****	-0.3088	-0.2326	-0.3071	-0.5694	*****	*****	*****	*****	-0.5694
0.550	-0.3757	-0.3148	-0.2779	-0.3671	-0.6368	*****	*****	*****	*****	-0.6368
0.575	*****	-0.3463	-0.3502	-0.4761	-0.7420	*****	*****	*****	*****	-0.7420
0.600	-0.3102	-0.4599	-0.5238	-0.6271	-0.8718	*****	*****	*****	*****	-0.8718
0.625	*****	*****	-0.7274	-0.8105	-1.0221	*****	*****	*****	*****	-1.0221
0.650	-0.6865	-1.0600	-0.9925	-1.0055	-1.1595	*****	*****	*****	*****	-1.1595
0.675	*****	-1.3080	-1.2117	-1.1833	-0.6974	*****	*****	*****	*****	-0.6974
0.700	-1.1371	-1.4189	-1.3649	-1.1909	-0.5893	*****	*****	*****	*****	-0.5893
0.725	*****	-1.4398	*****	-0.9352	-0.5310	*****	*****	*****	*****	-0.5310
0.750	-1.2222	-1.4219	*****	-0.8375	-0.5082	*****	*****	*****	*****	-0.5082
0.775	*****	-1.3891	-1.0038	-0.8164	-0.4863	*****	*****	*****	*****	-0.4863
0.800	-1.2145	-1.3062	-0.9667	-0.8214	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2136	-0.9521	-0.8253	-0.4470	*****	*****	*****	*****	-0.4470
0.850	-1.1739	-1.1315	-0.9624	-0.8252	-0.4302	*****	*****	*****	*****	-0.4302
0.875	*****	-1.0856	-0.9349	-0.7831	-0.4230	*****	*****	*****	*****	-0.4230
0.900	-1.0885	-1.0547	-0.8939	-0.7666	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0219	-0.8697	-0.7585	-0.3935	*****	*****	*****	*****	-0.3935
0.950	-1.1531	-0.9934	-0.8688	-0.7546	-0.3374	*****	*****	*****	*****	-0.3374
0.975	*****	-0.9767	-0.8509	-0.7440	-0.3127	*****	*****	*****	*****	-0.3127
1.000	-1.1147	-0.9746	-0.8549	-0.7259	-0.2872	*****	*****	*****	*****	-0.2872
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2997	0.2782	0.2871	*****	*****	*****	*****	*****	*****	-0.4906
-0.600	0.2964	0.2870	0.2622	0.0844	-0.6180	*****	*****	*****	*****	-0.6180
-0.700	0.3150	0.2943	0.2547	0.1143	-0.6575	*****	*****	*****	*****	-0.6575
-0.800	*****	0.2981	0.2606	0.1317	-0.6308	*****	*****	*****	*****	-0.6308
-0.850	*****	*****	0.2658	0.1574	-0.5562	*****	*****	*****	*****	-0.5562
-0.900	*****	0.3113	0.2691	0.1709	-0.5322	*****	*****	*****	*****	-0.5322
-0.950	0.3319	0.2999	0.2745	0.1844	-0.4917	*****	*****	*****	*****	-0.4917
-0.975	0.2998	0.1454	0.2245	0.1813	-0.1587	*****	*****	*****	*****	-0.1587
-1.000	*****	0.1111	0.1202	0.1182	-0.0297	*****	*****	*****	*****	-0.0297
-1.000	-1.1152	-0.9725	-0.8687	-0.7260	-0.2932	*****	*****	*****	*****	-0.2932

Small Radius L.E.
 Run No. = 39 , Point No. = 794
 $C_N = 0.657$, $C_m = -0.0998$
 $\alpha = 14.5^\circ$, $M_\infty = 0.798$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.9580	*****
0.20	-1.1147	-1.1152
0.30	-1.0693	*****
0.40	-0.9746	-0.9725
0.50	-0.8966	*****
0.60	-0.8549	-0.8687
0.70	-0.7894	*****
0.80	-0.7259	-0.7260
0.90	-0.4859	*****
0.95	-0.2872	-0.2932

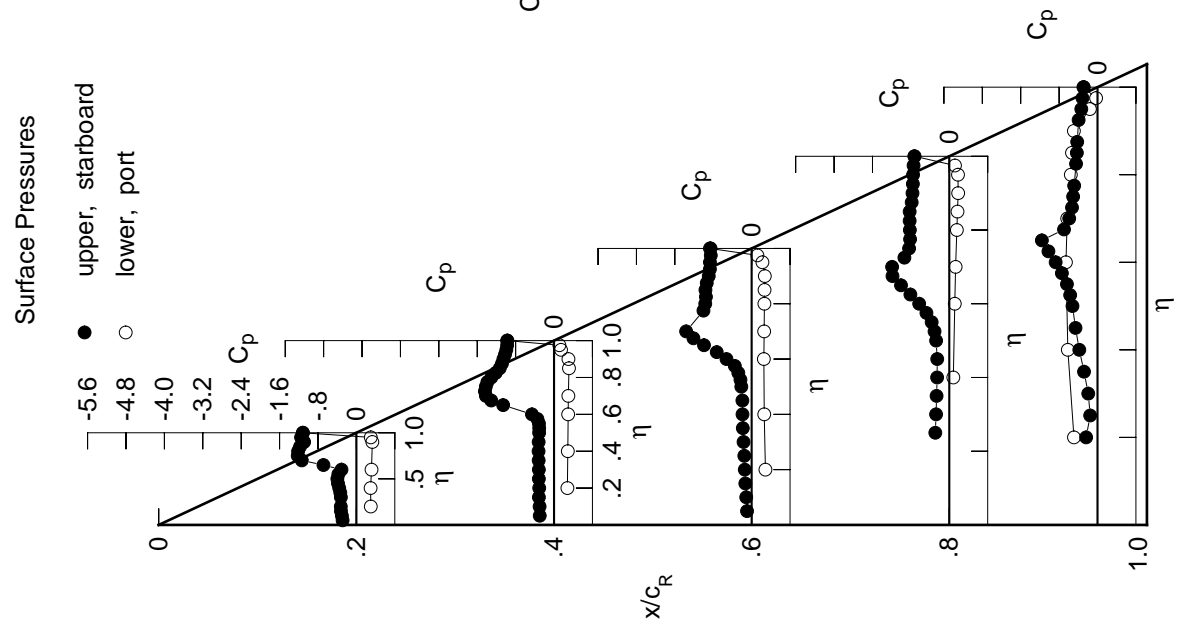


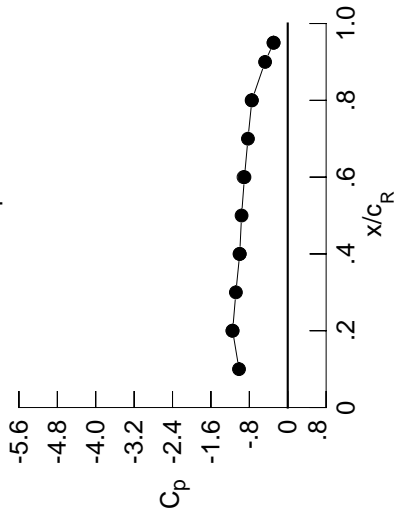
Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3175	-0.3349	-0.1220	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3338	-0.3427	-0.1382	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3481	-0.3470	-0.1526	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3483	-0.3424	-0.1654	*****	*****	*****	*****	*****	*****	-0.2510
0.250	*****	-0.3499	-0.1760	-0.3146	-0.1717	*****	*****	*****	*****	-0.1717
0.300	-0.3483	-0.3491	-0.1933	-0.2971	-0.2208	*****	*****	*****	*****	-0.2208
0.350	-0.3635	-0.3542	-0.2080	-0.2867	-0.3075	*****	*****	*****	*****	-0.3075
0.400	-0.3855	-0.3530	-0.2185	-0.2794	-0.4016	*****	*****	*****	*****	-0.4016
0.450	-0.3984	-0.3493	-0.2284	-0.2902	-0.4837	*****	*****	*****	*****	-0.4837
0.500	-0.3985	-0.3447	-0.2802	-0.3451	-0.5692	*****	*****	*****	*****	-0.5692
0.525	*****	-0.3572	-0.3294	-0.4075	-0.6350	*****	*****	*****	*****	-0.6350
0.550	-0.3589	-0.3956	-0.4184	-0.5024	-0.7277	*****	*****	*****	*****	-0.7277
0.575	*****	-0.4941	-0.5433	-0.6433	-0.8547	*****	*****	*****	*****	-0.8547
0.600	-0.3811	-0.6973	-0.7518	-0.8108	-0.9908	*****	*****	*****	*****	-0.9908
0.625	*****	*****	-0.9607	-0.9910	-1.1400	*****	*****	*****	*****	-1.1400
0.650	-1.0860	-1.2644	-1.1820	-1.1657	-0.7390	*****	*****	*****	*****	-0.7390
0.675	*****	-1.4652	-1.3544	-1.2794	-0.6273	*****	*****	*****	*****	-0.6273
0.700	-1.3254	-1.5579	-1.4188	-1.0346	-0.5898	*****	*****	*****	*****	-0.5898
0.725	*****	-1.5606	*****	-0.8939	-0.5511	*****	*****	*****	*****	-0.5511
0.750	-1.3389	-1.4888	*****	-0.8597	-0.5281	*****	*****	*****	*****	-0.5281
0.775	*****	-1.4286	-1.0205	-0.8546	-0.4960	*****	*****	*****	*****	-0.4960
0.800	-1.2938	-1.2987	-1.0301	-0.8635	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1951	-1.0433	-0.8679	-0.4449	*****	*****	*****	*****	-0.4449
0.850	-1.2212	-1.1526	-1.0378	-0.8577	-0.4207	*****	*****	*****	*****	-0.4207
0.875	*****	-1.1323	-0.9780	-0.8118	-0.4132	*****	*****	*****	*****	-0.4132
0.900	-1.1361	-1.1063	-0.9411	-0.7909	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0564	-0.9198	-0.7799	-0.3920	*****	*****	*****	*****	-0.3920
0.950	-1.1835	-1.0283	-0.9177	-0.7752	-0.3372	*****	*****	*****	*****	-0.3372
0.975	*****	-1.0102	-0.8998	-0.7659	-0.3142	*****	*****	*****	*****	-0.3142
1.000	-1.1479	-1.0001	-0.9014	-0.7471	-0.2941	*****	*****	*****	*****	-0.2941
$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3271	0.2980	0.3029	*****	-0.5012	*****	*****	*****	*****	-0.5012
-0.400	0.3231	0.3070	0.2779	0.0940	-0.6490	*****	*****	*****	*****	-0.6490
-0.600	0.3405	0.3141	0.2698	0.1267	-0.6625	*****	*****	*****	*****	-0.6625
-0.700	*****	0.3146	0.2762	0.1434	-0.6322	*****	*****	*****	*****	-0.6322
-0.800	*****	*****	0.2814	0.1694	-0.5488	*****	*****	*****	*****	-0.5488
-0.850	*****	0.3251	0.2815	0.1809	-0.5253	*****	*****	*****	*****	-0.5253
-0.900	0.3447	0.3064	0.2820	0.1934	-0.4807	*****	*****	*****	*****	-0.4807
-0.950	0.3053	0.1409	0.2176	0.1804	-0.1558	*****	*****	*****	*****	-0.1558
-0.975	*****	0.0916	0.1017	0.1049	-0.0363	*****	*****	*****	*****	-0.0363
-1.000	-1.1525	-1.0035	-0.9207	-0.7522	-0.2956	*****	*****	*****	*****	-0.2956

Small Radius L.E.
 Run No. = 39 , Point No. = 795
 $C_N = 0.708$, $C_m = -0.1051$
 $\alpha = 15.5^\circ$, $M_\infty = 0.798$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	-1.0150	*****
0.20	-1.1479	-1.1525
0.30	-1.0803	*****
0.40	-1.0001	-1.0035
0.50	-0.9618	*****
0.60	-0.9014	-0.9207
0.70	-0.8286	*****
0.80	-0.7471	-0.7522
0.90	-0.4722	*****
0.95	-0.2941	-0.2956

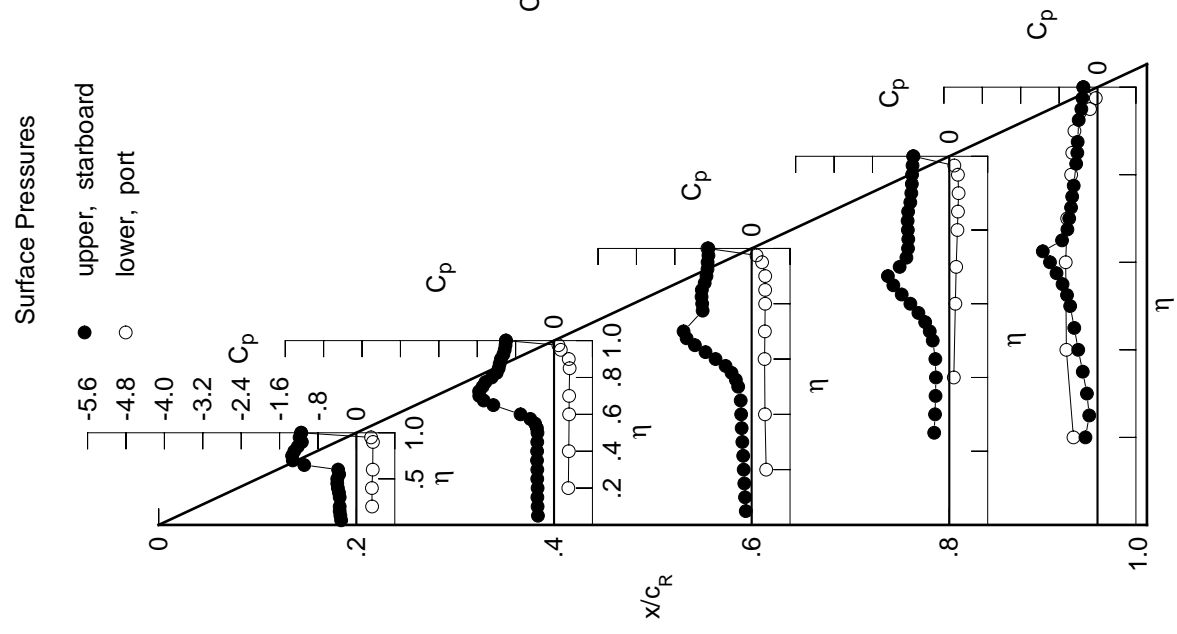


Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3482	-0.3653	-0.1448	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3655	-0.3746	-0.1621	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3700	-0.3791	-0.1720	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3750	-0.3716	-0.1880	*****	*****	*****	*****	*****	*****	-0.2867
0.250	*****	-0.3804	-0.1997	-0.3316	-0.3316	-0.3316	-0.3316	-0.3316	-0.3316	-0.2142
0.300	-0.3731	-0.3809	-0.2193	-0.3152	-0.3152	-0.3152	-0.3152	-0.3152	-0.3152	-0.2530
0.350	-0.3902	-0.3816	-0.2355	-0.3070	-0.3070	-0.3070	-0.3070	-0.3070	-0.3070	-0.3311
0.400	-0.4097	-0.3826	-0.2511	-0.3053	-0.3053	-0.3053	-0.3053	-0.3053	-0.3053	-0.4163
0.450	-0.4143	-0.3840	-0.2760	-0.3357	-0.3357	-0.3357	-0.3357	-0.3357	-0.3357	-0.5055
0.500	-0.3994	-0.4004	-0.3722	-0.4315	-0.4315	-0.4315	-0.4315	-0.4315	-0.4315	-0.6074
0.525	*****	-0.4457	-0.4508	-0.5186	-0.5186	-0.5186	-0.5186	-0.5186	-0.5186	-0.6931
0.550	-0.3645	-0.5373	-0.5824	-0.6417	-0.6417	-0.6417	-0.6417	-0.6417	-0.6417	-0.7969
0.575	*****	-0.7070	-0.7370	-0.7978	-0.7978	-0.7978	-0.7978	-0.7978	-0.7978	-0.9357
0.600	-0.6392	-0.9482	-0.9528	-0.9675	-0.9675	-0.9675	-0.9675	-0.9675	-0.9675	-1.0748
0.625	*****	*****	-1.1419	-1.1328	-0.9016	-0.9016	-0.9016	-0.9016	-0.9016	-0.9016
0.650	-1.3272	-1.4135	-1.3349	-1.2833	-0.6435	-0.6435	-0.6435	-0.6435	-0.6435	-0.6435
0.675	*****	-1.5769	-1.4494	-1.2284	-0.6138	-0.6138	-0.6138	-0.6138	-0.6138	-0.6138
0.700	-1.4587	-1.6542	-1.1430	-0.9844	-0.5974	-0.5974	-0.5974	-0.5974	-0.5974	-0.5974
0.725	*****	-1.6593	*****	-0.9102	-0.5761	-0.5761	-0.5761	-0.5761	-0.5761	-0.5761
0.750	-1.4462	-1.4996	*****	-0.8922	-0.5472	-0.5472	-0.5472	-0.5472	-0.5472	-0.5472
0.775	*****	-1.3464	-1.0451	-0.8877	-0.5017	-0.5017	-0.5017	-0.5017	-0.5017	-0.5017
0.800	-1.3683	-1.2415	-1.0589	-0.8989	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2032	-1.0731	-0.9020	-0.4365	-0.4365	-0.4365	-0.4365	-0.4365	-0.4365
0.850	-1.2745	-1.1937	-1.0493	-0.8958	-0.4099	-0.4099	-0.4099	-0.4099	-0.4099	-0.4099
0.875	*****	-1.1939	-0.9946	-0.8410	-0.4093	-0.4093	-0.4093	-0.4093	-0.4093	-0.4093
0.900	-1.1822	-1.1466	-0.9806	-0.8086	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0863	-0.9689	-0.7938	-0.3967	-0.3967	-0.3967	-0.3967	-0.3967	-0.3967
0.950	-1.2026	-1.0709	-0.9662	-0.7887	-0.3400	-0.3400	-0.3400	-0.3400	-0.3400	-0.3400
0.975	*****	-1.0592	-0.9503	-0.7801	-0.3214	-0.3214	-0.3214	-0.3214	-0.3214	-0.3214
1.000	-1.1718	-1.0479	-0.9439	-0.7622	-0.2995	-0.2995	-0.2995	-0.2995	-0.2995	-0.2995
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3527	0.3220	0.3219	*****	-0.4952	-0.4952	-0.4952	-0.4952	-0.4952	-0.4952
-0.600	0.3511	0.3241	0.2954	0.1127	-0.6517	-0.6517	-0.6517	-0.6517	-0.6517	-0.6517
-0.700	0.3675	0.3362	0.2911	0.1426	-0.6551	-0.6551	-0.6551	-0.6551	-0.6551	-0.6551
-0.800	*****	0.3351	0.2947	0.1600	-0.6230	-0.6230	-0.6230	-0.6230	-0.6230	-0.6230
-0.850	*****	*****	0.2981	0.1832	-0.5403	-0.5403	-0.5403	-0.5403	-0.5403	-0.5403
-0.900	*****	0.3392	0.2956	0.1952	-0.5141	-0.5141	-0.5141	-0.5141	-0.5141	-0.5141
-0.950	0.3580	0.3133	0.2870	0.1996	-0.4666	-0.4666	-0.4666	-0.4666	-0.4666	-0.4666
-0.975	0.3131	0.1374	0.2133	0.1807	-0.1504	-0.1504	-0.1504	-0.1504	-0.1504	-0.1504
-1.000	*****	0.0751	0.0833	0.0950	-0.0389	-0.0389	-0.0389	-0.0389	-0.0389	-0.0389
-1.000	-1.1830	-1.0424	-0.9545	-0.7628	-0.2991	-0.2991	-0.2991	-0.2991	-0.2991	-0.2991

Small Radius L.E.
 Run No. = 39 , Point No. = 796
 $C_N = 0.762$, $C_m = -0.1123$
 $\alpha = 16.5^\circ$, $M_\infty = 0.798$
 $R_{mac} = 6.0 \times 10^6$

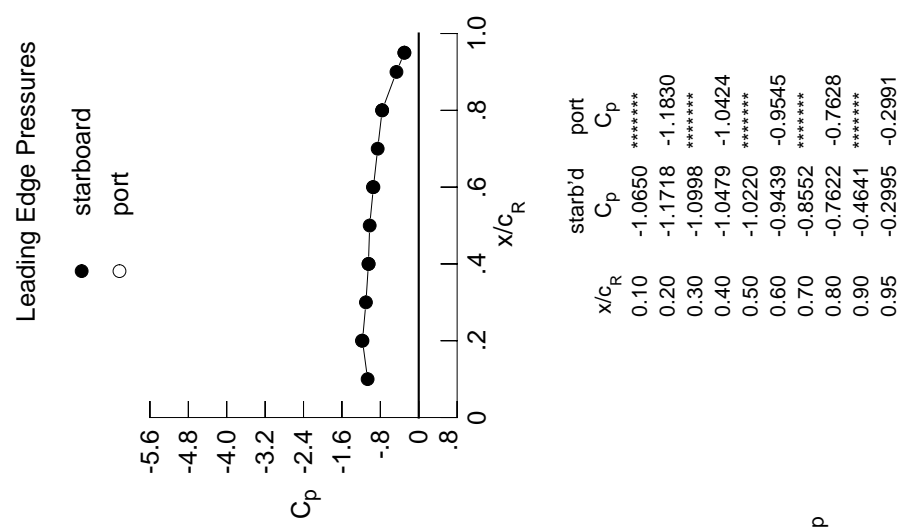
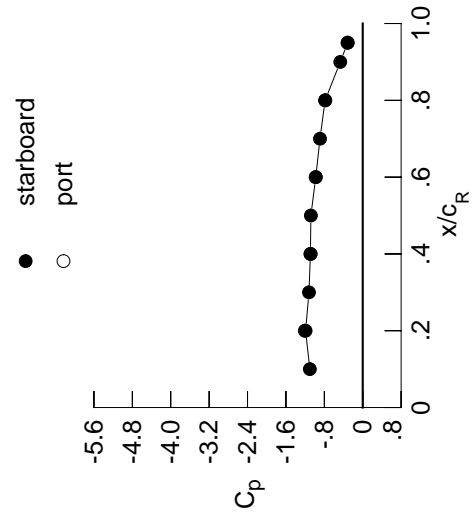


Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3796	-0.4051	-0.1707	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3906	-0.4148	-0.1852	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3965	-0.4157	-0.1967	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4037	-0.4124	-0.2114	*****	*****	*****	*****	*****	*****	-0.3491
0.250	*****	-0.4211	-0.2270	-0.3593	-0.3120	*****	*****	*****	*****	-0.3120
0.300	-0.4017	-0.4195	-0.2471	-0.3418	-0.3324	*****	*****	*****	*****	-0.3324
0.350	-0.4207	-0.4233	-0.2681	-0.3416	-0.3830	*****	*****	*****	*****	-0.3830
0.400	-0.4364	-0.4269	-0.2975	-0.3485	-0.4577	*****	*****	*****	*****	-0.4577
0.450	-0.4337	-0.4414	-0.3443	-0.3991	-0.5484	*****	*****	*****	*****	-0.5484
0.500	-0.4136	-0.5028	-0.4882	-0.5326	-0.6770	*****	*****	*****	*****	-0.6770
0.525	*****	-0.5934	-0.6008	-0.6368	-0.7693	*****	*****	*****	*****	-0.7693
0.550	-0.4498	-0.7369	-0.7598	-0.7736	-0.8823	*****	*****	*****	*****	-0.8823
0.575	*****	-0.9401	-0.9284	-0.9306	-1.0205	*****	*****	*****	*****	-1.0205
0.600	-1.0132	-1.1674	-1.1305	-1.0942	-1.0717	*****	*****	*****	*****	-1.0717
0.625	*****	*****	-1.2915	-1.2418	-0.6579	*****	*****	*****	*****	-0.6579
0.650	-1.4982	-1.5204	-1.4476	-1.3666	-0.6315	*****	*****	*****	*****	-0.6315
0.675	*****	-1.6568	-1.2908	-1.0783	-0.6201	*****	*****	*****	*****	-0.6201
0.700	-1.5386	-1.7010	-1.1073	-0.9711	-0.6191	*****	*****	*****	*****	-0.6191
0.725	*****	-1.5789	*****	-0.9395	-0.5932	*****	*****	*****	*****	-0.5932
0.750	-1.5061	-1.4294	*****	-0.9360	-0.5625	*****	*****	*****	*****	-0.5625
0.775	*****	-1.3548	-1.0886	-0.9382	-0.5075	*****	*****	*****	*****	-0.5075
0.800	-1.4190	-1.3013	-1.1044	-0.9530	*****	*****	*****	*****	*****	-0.9530
0.825	*****	-1.2709	-1.1103	-0.9547	-0.4275	*****	*****	*****	*****	-0.4275
0.850	-1.3146	-1.2602	-1.0800	-0.9417	-0.4018	*****	*****	*****	*****	-0.4018
0.875	*****	-1.2386	-1.0333	-0.8784	-0.4059	*****	*****	*****	*****	-0.4059
0.900	-1.2201	-1.1720	-1.0223	-0.8418	*****	*****	*****	*****	*****	-0.8418
0.925	*****	-1.1220	-1.0086	-0.8206	-0.4130	*****	*****	*****	*****	-0.4130
0.950	-1.2203	-1.1139	-1.0059	-0.8125	-0.3556	*****	*****	*****	*****	-0.3556
0.975	*****	-1.1015	-0.9863	-0.8043	-0.3359	*****	*****	*****	*****	-0.3359
1.000	-1.1905	-1.0898	-0.9786	-0.7838	-0.3130	*****	*****	*****	*****	-0.3130
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3780	0.3408	0.3390	*****	-0.5135	*****	*****	*****	*****	-0.5135
-0.600	0.3781	0.3447	0.3134	0.1220	-0.6549	*****	*****	*****	*****	-0.6549
-0.700	0.3932	0.3531	0.3032	0.1563	-0.6467	*****	*****	*****	*****	-0.6467
-0.800	*****	0.3555	0.3114	0.1722	-0.6141	*****	*****	*****	*****	-0.6141
-0.850	*****	*****	0.3133	0.1961	-0.5319	*****	*****	*****	*****	-0.5319
-0.900	*****	0.3528	0.3087	0.2074	-0.5038	*****	*****	*****	*****	-0.5038
-0.950	0.3720	0.3186	0.2950	0.2102	-0.4537	*****	*****	*****	*****	-0.4537
-0.975	0.3189	0.1330	0.2072	0.1781	-0.1488	*****	*****	*****	*****	-0.1488
-1.000	*****	0.0578	0.0657	0.0811	-0.0483	*****	*****	*****	*****	-0.0483
-1.000	-1.2065	-1.0850	-0.9792	-0.7789	-0.3168	*****	*****	*****	*****	-0.3168

Small Radius L.E.
 Run No. = 39 , Point No. = 797
 $C_N = 0.823$, $C_m = -0.1250$
 $\alpha = 17.5^\circ$, $M_\infty = 0.802$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1018	*****
0.20	-1.1905	-1.2065
0.30	-1.1198	*****
0.40	-1.0898	-1.0850
0.50	-1.0801	*****
0.60	-0.9786	-0.9792
0.70	-0.8907	*****
0.80	-0.7838	-0.7789
0.90	-0.4676	*****
0.95	-0.3130	-0.3168

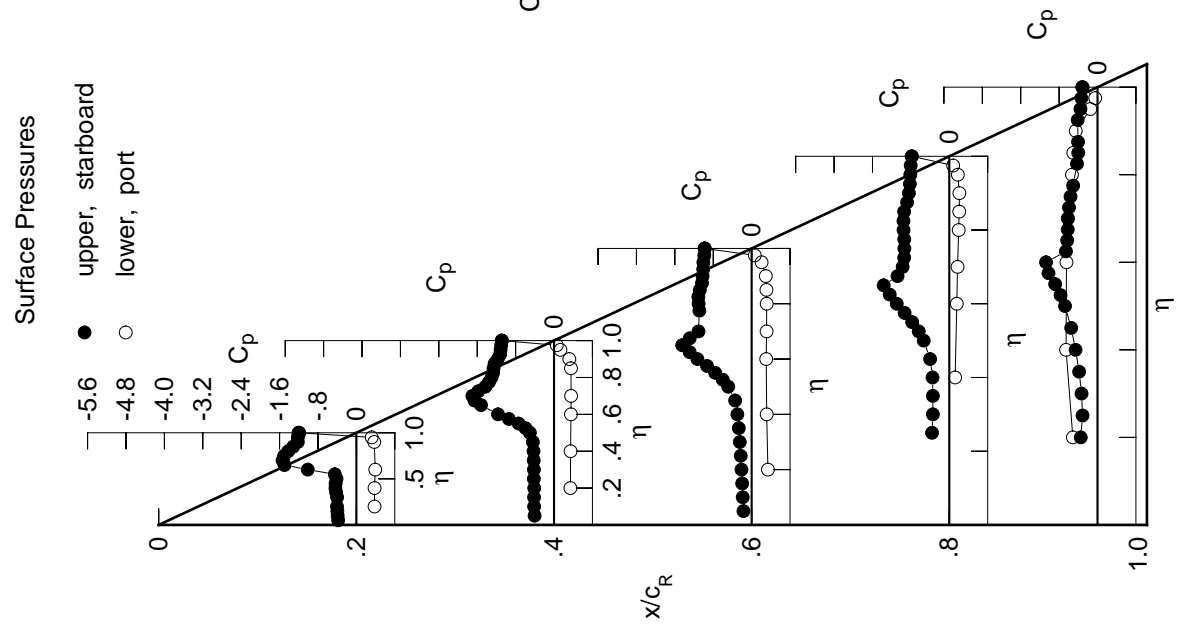


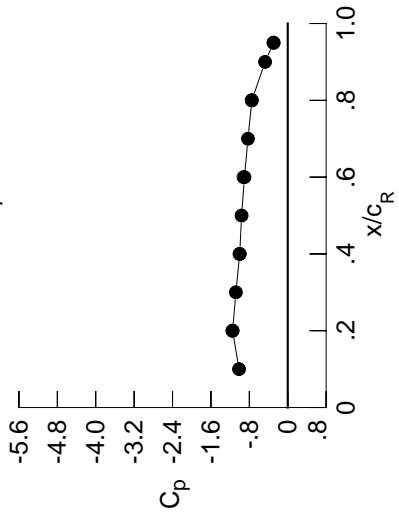
Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3175	-0.3349	-0.1220	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3338	-0.3427	-0.1382	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3481	-0.3470	-0.1526	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3483	-0.3424	-0.1654	*****	*****	*****	*****	*****	*****	-0.2510
0.250	*****	-0.3499	-0.1760	-0.3146	-0.1717	*****	*****	*****	*****	-0.1717
0.300	-0.3483	-0.3491	-0.1933	-0.2971	-0.2208	*****	*****	*****	*****	-0.2208
0.350	-0.3635	-0.3542	-0.2080	-0.2867	-0.3075	*****	*****	*****	*****	-0.3075
0.400	-0.3855	-0.3530	-0.2185	-0.2794	-0.4016	*****	*****	*****	*****	-0.4016
0.450	-0.3984	-0.3493	-0.2284	-0.2902	-0.4837	*****	*****	*****	*****	-0.4837
0.500	-0.3985	-0.3447	-0.2802	-0.3451	-0.5692	*****	*****	*****	*****	-0.5692
0.525	*****	-0.3572	-0.3294	-0.4075	-0.6350	*****	*****	*****	*****	-0.6350
0.550	-0.3589	-0.3956	-0.4184	-0.5024	-0.7277	*****	*****	*****	*****	-0.7277
0.575	*****	-0.4941	-0.5433	-0.6433	-0.8547	*****	*****	*****	*****	-0.8547
0.600	-0.3811	-0.6973	-0.7518	-0.8108	-0.9908	*****	*****	*****	*****	-0.9908
0.625	*****	*****	-0.9607	-0.9910	-1.1400	*****	*****	*****	*****	-1.1400
0.650	-1.0860	-1.2644	-1.1820	-1.1657	-0.7390	*****	*****	*****	*****	-0.7390
0.675	*****	-1.4652	-1.3544	-1.2794	-0.6273	*****	*****	*****	*****	-0.6273
0.700	-1.3254	-1.5579	-1.4188	-1.0346	-0.5898	*****	*****	*****	*****	-0.5898
0.725	*****	-1.5606	*****	-0.8939	-0.5511	*****	*****	*****	*****	-0.5511
0.750	-1.3389	-1.4888	*****	-0.8597	-0.5281	*****	*****	*****	*****	-0.5281
0.775	*****	-1.4286	-1.0205	-0.8546	-0.4960	*****	*****	*****	*****	-0.4960
0.800	-1.2938	-1.2987	-1.0301	-0.8635	*****	*****	*****	*****	*****	-0.8635
0.825	*****	-1.1951	-1.0433	-0.8679	-0.4449	*****	*****	*****	*****	-0.4449
0.850	-1.2212	-1.1526	-1.0378	-0.8577	-0.4207	*****	*****	*****	*****	-0.4207
0.875	*****	-1.1323	-0.9780	-0.8118	-0.4132	*****	*****	*****	*****	-0.4132
0.900	-1.1361	-1.1063	-0.9411	-0.7909	*****	*****	*****	*****	*****	-0.7909
0.925	*****	-1.0564	-0.9198	-0.7799	-0.3920	*****	*****	*****	*****	-0.3920
0.950	-1.1835	-1.0283	-0.9177	-0.7752	-0.3372	*****	*****	*****	*****	-0.3372
0.975	*****	-1.0102	-0.8998	-0.7659	-0.3142	*****	*****	*****	*****	-0.3142
1.000	-1.1479	-1.0001	-0.9014	-0.7471	-0.2941	*****	*****	*****	*****	-0.2941
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3271	0.2980	0.3029	*****	-0.5012	*****	*****	*****	*****	-0.5012
-0.400	0.3231	0.3070	0.2779	0.0940	-0.6490	*****	*****	*****	*****	-0.6490
-0.600	0.3405	0.3141	0.2698	0.1267	-0.6625	*****	*****	*****	*****	-0.6625
-0.700	*****	0.3146	0.2762	0.1434	-0.6322	*****	*****	*****	*****	-0.6322
-0.800	*****	*****	0.2814	0.1694	-0.5488	*****	*****	*****	*****	-0.5488
-0.850	*****	0.3251	0.2815	0.1809	-0.5253	*****	*****	*****	*****	-0.5253
-0.900	0.3447	0.3064	0.2820	0.1934	-0.4807	*****	*****	*****	*****	-0.4807
-0.950	0.3053	0.1409	0.2176	0.1804	-0.1558	*****	*****	*****	*****	-0.1558
-0.975	*****	0.0916	0.1017	0.1049	-0.0363	*****	*****	*****	*****	-0.0363
-1.000	-1.1525	-1.0035	-0.9207	-0.7522	-0.2956	*****	*****	*****	*****	-0.2956

Small Radius L.E.
 Run No. = 39 , Point No. = 795
 $C_N = 0.708$, $C_m = -0.1051$
 $\alpha = 15.5^\circ$, $M_\infty = 0.798$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0150	*****
0.20	-1.1479	-1.1525
0.30	-1.0803	*****
0.40	-1.0001	-1.0035
0.50	-0.9618	*****
0.60	-0.9014	-0.9207
0.70	-0.8286	*****
0.80	-0.7471	-0.7522
0.90	-0.4722	*****
0.95	-0.2941	-0.2956

Surface Pressures

● upper, starboard
 ○ lower, port

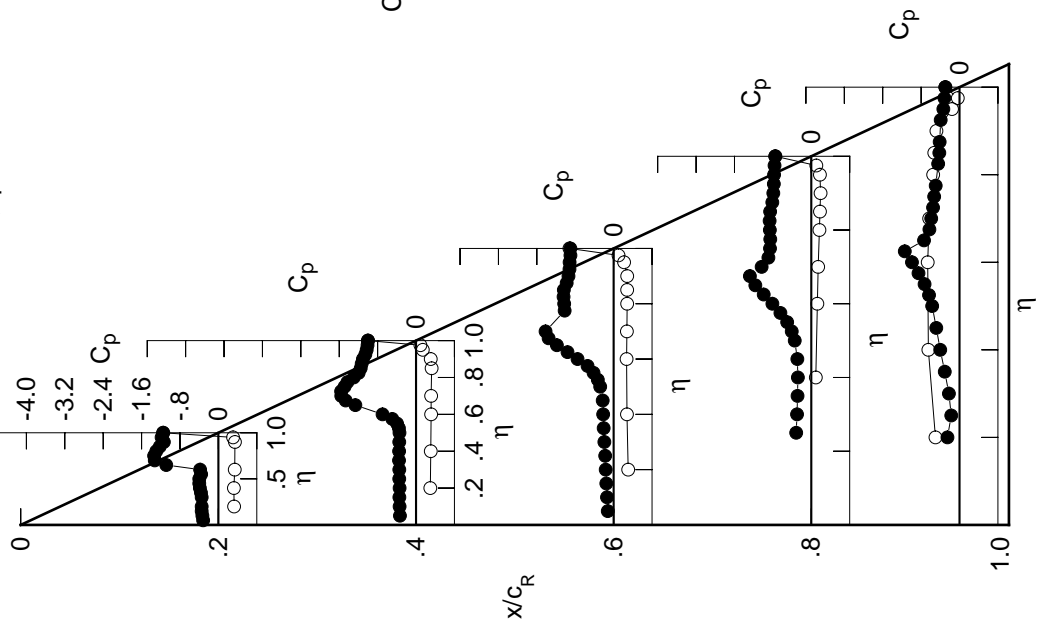


Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4431	-0.4946	-0.2099	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4523	-0.5025	-0.2254	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4591	-0.5011	-0.2349	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4653	-0.5014	-0.2549	*****	*****	*****	*****	*****	*****	-0.3843
0.250	*****	-0.5079	-0.2727	-0.4092	-0.4327	*****	*****	*****	*****	-0.4327
0.300	-0.4668	-0.5115	-0.3008	-0.3974	-0.4542	*****	*****	*****	*****	-0.4542
0.350	-0.4786	-0.5224	-0.3408	-0.4056	-0.4924	*****	*****	*****	*****	-0.4924
0.400	-0.4869	-0.5475	-0.4086	-0.4355	-0.5552	*****	*****	*****	*****	-0.5552
0.450	-0.4886	-0.6169	-0.5317	-0.5240	-0.6554	*****	*****	*****	*****	-0.6554
0.500	-0.5574	-0.7835	-0.7675	-0.7048	-0.7999	*****	*****	*****	*****	-0.7999
0.525	*****	-0.9336	-0.9182	-0.8272	-0.8917	*****	*****	*****	*****	-0.8917
0.550	-0.9552	-1.1076	-1.0800	-0.9674	-0.9904	*****	*****	*****	*****	-0.9904
0.575	*****	-1.2877	-1.2282	-1.1196	-0.9143	*****	*****	*****	*****	-0.9143
0.600	-1.5051	-1.4523	-1.3832	-1.2647	-0.6417	*****	*****	*****	*****	-0.6417
0.625	*****	*****	-1.4972	-1.3940	-0.6396	*****	*****	*****	*****	-0.6396
0.650	-1.7243	-1.6712	-1.4821	-1.1657	-0.6444	*****	*****	*****	*****	-0.6444
0.675	*****	-1.6178	-1.2306	-1.0116	-0.6426	*****	*****	*****	*****	-0.6426
0.700	-1.6825	-1.4701	-1.1978	-0.9960	-0.6335	*****	*****	*****	*****	-0.6335
0.725	*****	-1.4398	*****	-0.9902	-0.6082	*****	*****	*****	*****	-0.6082
0.750	-1.6097	-1.4282	*****	-0.9956	-0.5522	*****	*****	*****	*****	-0.5522
0.775	*****	-1.4339	-1.1840	-1.0138	-0.4667	*****	*****	*****	*****	-0.4667
0.800	-1.5055	-1.4546	-1.1987	-1.0420	*****	*****	*****	*****	*****	-0.4667
0.825	*****	-1.4755	-1.2023	-1.0630	-0.4008	*****	*****	*****	*****	-0.4008
0.850	-1.3512	-1.4229	-1.1724	-1.0426	-0.4003	*****	*****	*****	*****	-0.4003
0.875	*****	-1.3155	-1.1181	-0.9456	-0.4234	*****	*****	*****	*****	-0.4234
0.900	-1.2816	-1.2360	-1.0997	-0.8771	*****	*****	*****	*****	*****	-0.4234
0.925	*****	-1.2124	-1.0786	-0.8370	-0.4561	*****	*****	*****	*****	-0.4561
0.950	-1.2657	-1.2148	-1.0737	-0.8274	-0.3929	*****	*****	*****	*****	-0.3929
0.975	*****	-1.2099	-1.0602	-0.8169	-0.3658	*****	*****	*****	*****	-0.3658
1.000	-1.2343	-1.1999	-1.0468	-0.7913	-0.3400	*****	*****	*****	*****	-0.3400
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4325	0.3877	0.3730	*****	*****	*****	*****	*****	*****	-0.5300
-0.400	0.4332	0.3874	0.3491	0.1577	-0.6387	*****	*****	*****	*****	-0.6387
-0.600	0.4444	0.3951	0.3433	0.1862	-0.6296	*****	*****	*****	*****	-0.6296
-0.700	*****	0.3962	0.3472	0.2006	-0.5935	*****	*****	*****	*****	-0.5935
-0.800	*****	*****	0.3448	0.2222	-0.5112	*****	*****	*****	*****	-0.5112
-0.850	*****	0.3776	0.3325	0.2320	-0.4825	*****	*****	*****	*****	-0.4825
-0.900	0.3949	0.3287	0.3074	0.2266	-0.4274	*****	*****	*****	*****	-0.4274
-0.950	0.3286	0.1216	0.1954	0.1744	-0.1415	*****	*****	*****	*****	-0.1415
-0.975	*****	0.0204	0.0303	0.0566	-0.0617	*****	*****	*****	*****	-0.0617
-1.000	-1.2568	-1.1995	-1.0484	-0.7826	-0.3517	*****	*****	*****	*****	-0.3517

Small Radius L.E.

Run No. = 39 , Point No. = 799

$C_N = 0.934$, $C_m = -0.1422$

$\alpha = 19.6^\circ$, $M_\infty = 0.801$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port

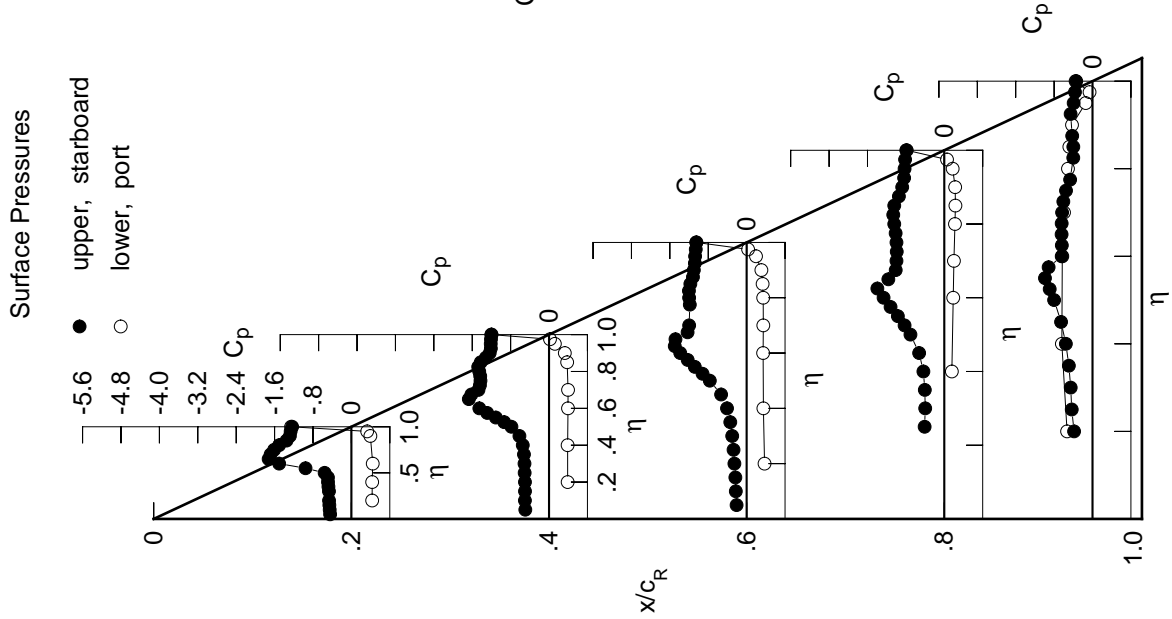
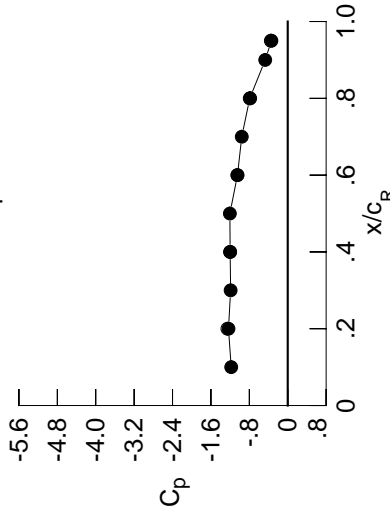


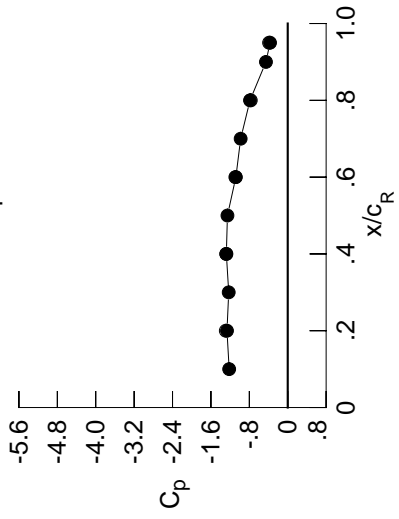
Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4816	-0.5212	-0.2224	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4865	-0.5292	-0.2402	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4901	-0.5294	-0.2488	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4991	-0.5291	-0.2690	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.5415	-0.2905	-0.4365	-0.4675	*****	*****	*****	*****	*****
0.300	-0.4962	-0.5462	-0.3222	-0.4277	-0.5039	*****	*****	*****	*****	*****
0.350	-0.5076	-0.5673	-0.3780	-0.4433	-0.5462	*****	*****	*****	*****	*****
0.400	-0.5208	-0.6117	-0.4669	-0.4867	-0.6161	*****	*****	*****	*****	*****
0.450	-0.5513	-0.7213	-0.6297	-0.5979	-0.7135	*****	*****	*****	*****	*****
0.500	-0.7335	-0.9316	-0.8991	-0.7948	-0.8445	*****	*****	*****	*****	*****
0.525	*****	-1.0896	-1.0516	-0.9203	-0.9204	*****	*****	*****	*****	*****
0.550	-1.2163	-1.2529	-1.2071	-1.0556	-0.9625	*****	*****	*****	*****	*****
0.575	*****	-1.4077	-1.3410	-1.1989	-0.6638	*****	*****	*****	*****	*****
0.600	-1.6374	-1.5461	-1.4753	-1.3319	-0.6206	*****	*****	*****	*****	*****
0.625	*****	*****	-1.5717	-1.4382	-0.6230	*****	*****	*****	*****	*****
0.650	-1.7802	-1.5870	-1.3594	-1.0595	-0.6272	*****	*****	*****	*****	*****
0.675	*****	-1.4374	-1.2493	-1.0103	-0.6214	*****	*****	*****	*****	*****
0.700	-1.7346	-1.4163	-1.2326	-1.0011	-0.6027	*****	*****	*****	*****	*****
0.725	*****	-1.4107	*****	-0.9991	-0.5501	*****	*****	*****	*****	*****
0.750	-1.6280	-1.4186	*****	-1.0066	-0.4895	*****	*****	*****	*****	*****
0.775	*****	-1.4387	-1.2295	-1.0306	-0.4377	*****	*****	*****	*****	*****
0.800	-1.4833	-1.4720	-1.2464	-1.0683	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4656	-1.2504	-1.1030	-0.4425	*****	*****	*****	*****	*****
0.850	-1.3629	-1.4011	-1.2208	-1.0899	-0.4539	*****	*****	*****	*****	*****
0.875	*****	-1.3296	-1.1636	-0.9749	-0.4684	*****	*****	*****	*****	*****
0.900	-1.3084	-1.2939	-1.1388	-0.8812	*****	*****	*****	*****	*****	*****
0.925	*****	-1.2897	-1.1128	-0.8346	-0.4945	*****	*****	*****	*****	*****
0.950	-1.2957	-1.2897	-1.1072	-0.8253	-0.4244	*****	*****	*****	*****	*****
0.975	*****	-1.2829	-1.0940	-0.8147	-0.3968	*****	*****	*****	*****	*****
1.000	-1.2658	-1.2787	-1.0804	-0.7857	-0.3686	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4606	0.4086	0.3931	*****	-0.5421	*****	*****	*****	*****	*****
-0.600	0.4595	0.4112	0.3666	0.1693	-0.6327	*****	*****	*****	*****	*****
-0.700	0.4685	0.4143	0.3599	0.1975	-0.6201	*****	*****	*****	*****	*****
-0.800	*****	0.4158	0.3602	0.2147	-0.5832	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3572	0.2345	-0.5007	*****	*****	*****	*****	*****
-0.900	0.4048	0.3323	0.3121	0.2342	-0.4186	*****	*****	*****	*****	*****
-0.950	0.3318	0.1150	0.1868	0.1718	-0.1425	*****	*****	*****	*****	*****
-0.975	*****	-0.0007	0.0109	0.0439	-0.0749	*****	*****	*****	*****	*****
-1.000	-1.2900	-1.2818	-1.0909	-0.7696	-0.3887	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 39, Point No. = 800
 $C_N = 0.984$, $C_m = -0.1488$
 $\alpha = 20.6^\circ$, $M_\infty = 0.801$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



Surface Pressures
 ● upper, starboard
 ○ lower, port

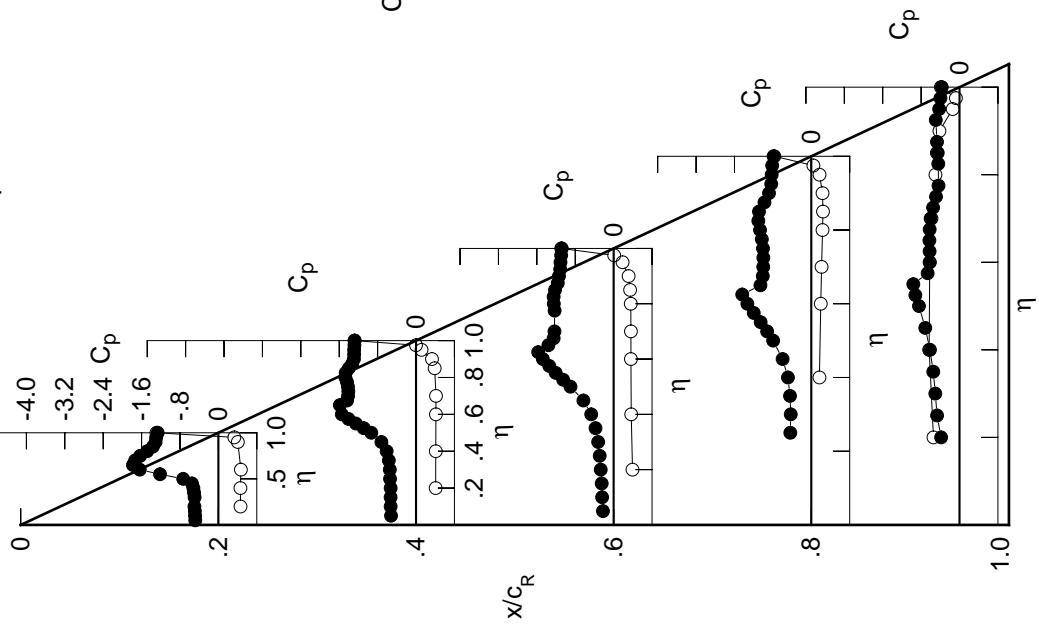
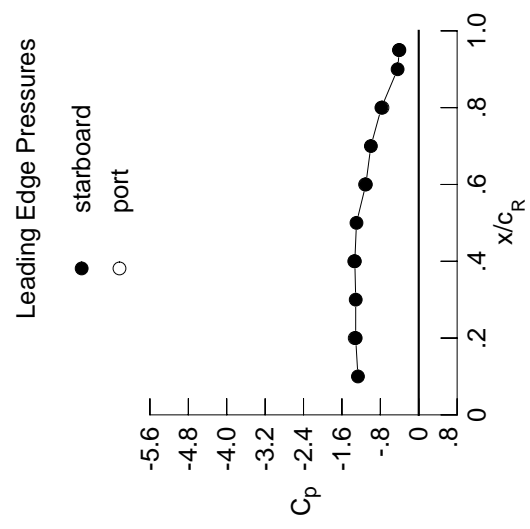


Table D3. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5131	-0.5617	-0.2366	*****	*****
0.100	-0.5191	-0.5683	-0.2498	*****	*****
0.150	-0.5274	-0.5729	-0.2663	*****	*****
0.200	-0.5339	-0.5705	-0.2866	*****	-0.3819
0.250	*****	-0.5847	-0.3103	-0.4603	-0.4905
0.300	-0.5285	-0.5977	-0.3520	-0.4564	-0.5509
0.350	-0.5426	-0.6345	-0.4201	-0.4826	-0.5963
0.400	-0.5726	-0.7072	-0.5386	-0.5446	-0.6774
0.450	-0.6609	-0.8585	-0.7330	-0.6737	-0.7701
0.500	-0.9533	-1.0946	-1.0205	-0.8845	-0.8760
0.525	*****	-1.2451	-1.1762	-1.0083	-0.9268
0.550	-1.4097	-1.3853	-1.3208	-1.1414	-0.7830
0.575	*****	-1.5174	-1.4437	-1.2717	-0.6041
0.600	-1.7250	-1.6266	-1.5574	-1.3955	-0.5961
0.625	*****	*****	-1.6297	-1.3303	-0.5857
0.650	-1.7626	-1.4497	-1.3299	-1.0359	-0.5808
0.675	*****	-1.4149	-1.2825	-1.0072	-0.5609
0.700	-1.7328	-1.4118	-1.2690	-1.0048	-0.5371
0.725	*****	-1.4145	*****	-1.0034	-0.4994
0.750	-1.6254	-1.4279	*****	-1.0126	-0.4811
0.775	*****	-1.4511	-1.2815	-1.0377	-0.4716
0.800	-1.4845	-1.4627	-1.3070	-1.0764	*****
0.825	*****	-1.4349	-1.3190	-1.1176	-0.4953
0.850	-1.3930	-1.3920	-1.2890	-1.1035	-0.4909
0.875	*****	-1.3625	-1.2161	-0.9778	-0.4948
0.900	-1.3434	-1.3541	-1.1719	-0.8818	*****
0.925	*****	-1.3511	-1.1434	-0.8366	-0.5191
0.950	-1.3405	-1.3476	-1.1345	-0.8326	-0.4519
0.975	*****	-1.3387	-1.1161	-0.8153	-0.4278
1.000	-1.3139	-1.3314	-1.1020	-0.7776	-0.4028
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4886	0.4343	0.4105	*****	-0.5433
-0.400	0.4865	0.4348	0.3855	0.1865	-0.6262
-0.600	0.4943	0.4373	0.3751	0.2175	-0.6096
-0.700	*****	0.4358	0.3775	0.2319	-0.5738
-0.800	*****	*****	0.3718	0.2504	-0.4903
-0.850	*****	0.3992	0.3546	0.2558	-0.4635
-0.900	0.4160	0.3359	0.3182	0.2421	-0.4088
-0.950	0.3363	0.1097	0.1801	0.1691	-0.1429
-0.975	*****	-0.0194	-0.0057	0.0346	-0.0847
-1.000	-1.3333	-1.3429	-1.1177	-0.7564	-0.4121

Small Radius L.E.
 Run No. = 39, Point No. = 801
 $C_N = 1.033$, $C_m = -0.1547$
 $\alpha = 21.6^\circ$, $M_\infty = 0.800$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.2662	*****
0.20	-1.3139	-1.3333
0.30	-1.3126	*****
0.40	-1.3314	-1.3429
0.50	-1.2969	*****
0.60	-1.1020	-1.1177
0.70	-0.9971	*****
0.80	-0.7776	-0.7564
0.90	-0.4403	*****
0.95	-0.4028	-0.4121

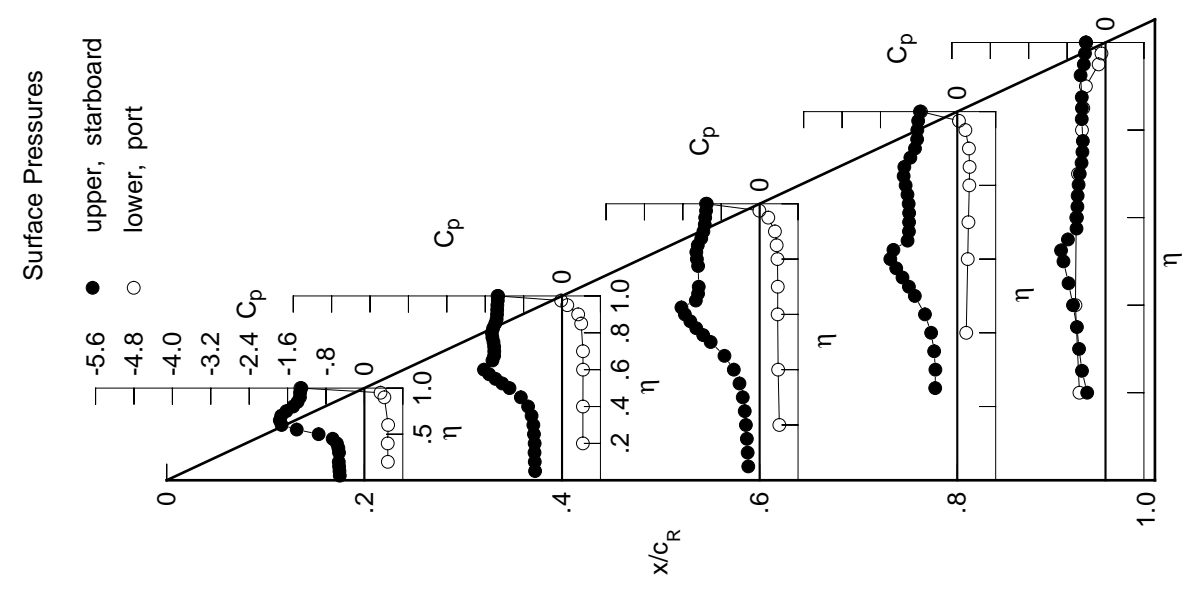


Table D3. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5534	-0.5954	-0.2569	*****	*****
0.100	-0.5589	-0.6032	-0.2760	*****	*****
0.150	-0.5645	-0.6078	-0.2919	*****	*****
0.200	-0.5728	-0.6097	-0.3193	*****	-0.3819
0.250	*****	-0.6272	-0.3504	-0.4833	-0.5181
0.300	-0.5692	-0.6494	-0.4063	-0.4818	-0.6031
0.350	-0.5946	-0.7039	-0.4904	-0.5183	-0.6594
0.400	-0.6570	-0.8142	-0.6315	-0.5942	-0.7504
0.450	-0.8166	-1.0061	-0.8471	-0.7418	-0.8518
0.500	-1.1629	-1.2597	-1.1345	-0.9594	-0.9332
0.525	*****	-1.3985	-1.2776	-1.0813	-0.9276
0.550	-1.5447	-1.5195	-1.4137	-1.2044	-0.6494
0.575	*****	-1.6249	-1.5239	-1.3290	-0.5994
0.600	-1.6615	-1.7140	-1.6287	-1.4433	-0.5848
0.625	*****	*****	-1.5860	-1.1209	-0.5759
0.650	-1.6480	-1.4997	-1.3437	-1.0126	-0.5647
0.675	*****	-1.4797	-1.3192	-0.9958	-0.5464
0.700	-1.6262	-1.4680	-1.3184	-0.9955	-0.5306
0.725	*****	-1.4691	*****	-0.9941	-0.5143
0.750	-1.6281	-1.4795	*****	-1.0051	-0.5140
0.775	*****	-1.5002	-1.3422	-1.0379	-0.5105
0.800	-1.5503	-1.5063	-1.3831	-1.0890	*****
0.825	*****	-1.4811	-1.4032	-1.1137	-0.5203
0.850	-1.4361	-1.4312	-1.3456	-1.0825	-0.5063
0.875	*****	-1.3968	-1.2430	-0.9550	-0.5080
0.900	-1.3952	-1.3834	-1.1968	-0.8713	*****
0.925	*****	-1.3826	-1.1882	-0.8363	-0.5255
0.950	-1.4075	-1.3789	-1.1962	-0.8327	-0.4731
0.975	*****	-1.3724	-1.1755	-0.8140	-0.4555
1.000	-1.3843	-1.3683	-1.1499	-0.7672	-0.4321
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5131	0.4560	0.4284	*****	-0.5415
-0.400	0.5122	0.4576	0.4042	0.1999	-0.6166
-0.600	0.5176	0.4553	0.3906	0.2314	-0.6007
-0.700	*****	0.4545	0.3927	0.2433	-0.5623
-0.800	*****	*****	0.3836	0.2646	-0.4784
-0.850	*****	0.4089	0.3635	0.2644	-0.4539
-0.900	0.4229	0.3390	0.3195	0.2459	-0.4005
-0.950	0.3370	0.1101	0.1716	0.1623	-0.1405
-0.975	*****	-0.0355	-0.0260	0.0184	-0.0929
-1.000	-1.3939	-1.3710	-1.1578	-0.7560	-0.4108

Small Radius L.E.
 Run No. = 39 , Point No. = 802
 $C_N = 1.086$, $C_m = -0.1641$
 $\alpha = 22.6^\circ$, $M_\infty = 0.801$
 $R_{mac} = 6.0 \times 10^6$

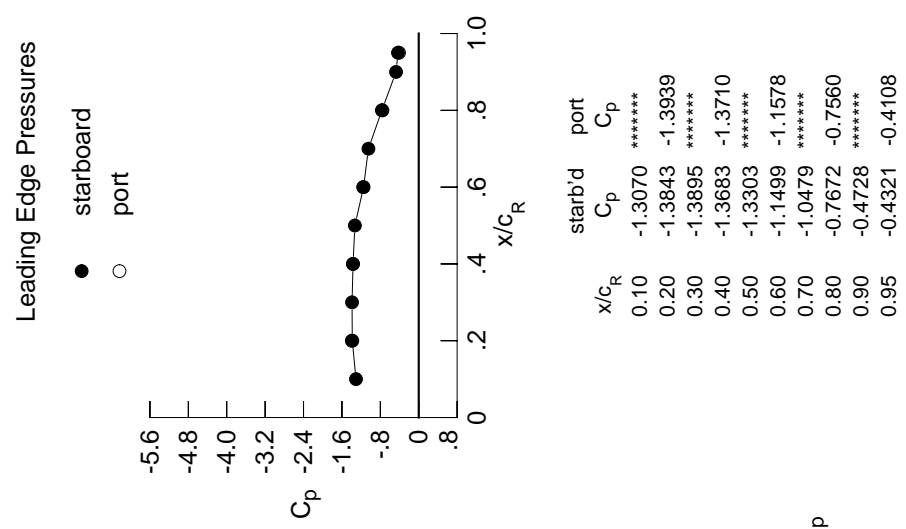


Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5964	-0.6359	-0.2991	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6010	-0.6412	-0.3202	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6071	-0.6489	-0.3399	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6188	-0.6521	-0.3738	*****	*****	*****	*****	*****	*****	-0.3707
0.250	*****	-0.6750	-0.4123	-0.5715	-0.5216	*****	*****	*****	*****	-0.5216
0.300	-0.6245	-0.7075	-0.4805	-0.5546	-0.6245	*****	*****	*****	*****	-0.6245
0.350	-0.6679	-0.7748	-0.5790	-0.5846	-0.6996	*****	*****	*****	*****	-0.6996
0.400	-0.7748	-0.9059	-0.7392	-0.6616	-0.7975	*****	*****	*****	*****	-0.7975
0.450	-0.9950	-1.1117	-0.9631	-0.8127	-0.9156	*****	*****	*****	*****	-0.9156
0.500	-1.3403	-1.3586	-1.2386	-1.0298	-0.9772	*****	*****	*****	*****	-0.9772
0.525	*****	-1.4864	-1.3700	-1.1469	-0.8844	*****	*****	*****	*****	-0.8844
0.550	-1.6425	-1.5950	-1.4935	-1.2631	-0.6472	*****	*****	*****	*****	-0.6472
0.575	*****	-1.6878	-1.5905	-1.3798	-0.6123	*****	*****	*****	*****	-0.6123
0.600	-1.6228	-1.7642	-1.6844	-1.4424	-0.5978	*****	*****	*****	*****	-0.5978
0.625	*****	*****	-1.4903	-1.0512	-0.5846	*****	*****	*****	*****	-0.5846
0.650	-1.5773	-1.5342	-1.3835	-0.9989	-0.5699	*****	*****	*****	*****	-0.5699
0.675	*****	-1.5336	-1.3732	-0.9798	-0.5526	*****	*****	*****	*****	-0.5526
0.700	-1.5648	-1.5136	-1.3794	-0.9815	-0.5432	*****	*****	*****	*****	-0.5432
0.725	*****	-1.5051	*****	-0.9823	-0.5368	*****	*****	*****	*****	-0.5368
0.750	-1.6230	-1.5201	*****	-0.9977	-0.5417	*****	*****	*****	*****	-0.5417
0.775	*****	-1.5483	-1.4131	-1.0407	-0.5404	*****	*****	*****	*****	-0.5404
0.800	-1.5544	-1.5687	-1.4626	-1.0924	*****	*****	*****	*****	*****	-1.0924
0.825	*****	-1.5350	-1.4903	-1.1114	-0.5412	*****	*****	*****	*****	-0.5412
0.850	-1.4723	-1.4683	-1.4238	-1.0784	-0.5215	*****	*****	*****	*****	-0.5215
0.875	*****	-1.4235	-1.3196	-0.9535	-0.5155	*****	*****	*****	*****	-0.5155
0.900	-1.4568	-1.4128	-1.2703	-0.8650	*****	*****	*****	*****	*****	-0.8650
0.925	*****	-1.4113	-1.2546	-0.8251	-0.5267	*****	*****	*****	*****	-0.5267
0.950	-1.4721	-1.4096	-1.2639	-0.8165	-0.4846	*****	*****	*****	*****	-0.4846
0.975	*****	-1.4043	-1.2570	-0.7977	-0.4682	*****	*****	*****	*****	-0.4682
1.000	-1.4500	-1.4016	-1.2362	-0.7500	-0.4395	*****	*****	*****	*****	-0.4395
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5391	0.4799	0.4460	*****	*****	*****	*****	*****	*****	-0.5291
-0.600	0.5384	0.4800	0.4232	0.2188	-0.6032	*****	*****	*****	*****	-0.6032
-0.700	0.5387	0.4779	0.4089	0.2455	-0.5883	*****	*****	*****	*****	-0.5883
-0.800	*****	0.4736	0.4079	0.2535	-0.5491	*****	*****	*****	*****	-0.5491
-0.850	*****	*****	0.3982	0.2759	-0.4689	*****	*****	*****	*****	-0.4689
-0.900	*****	0.4190	0.3733	0.2771	-0.4399	*****	*****	*****	*****	-0.4399
-0.950	0.4314	0.3417	0.3230	0.2530	-0.3821	*****	*****	*****	*****	-0.3821
-0.975	0.3380	0.1069	0.1613	0.1593	-0.1347	*****	*****	*****	*****	-0.1347
-1.000	*****	-0.0513	-0.0457	0.0076	-0.0932	*****	*****	*****	*****	-0.0932
-1.000	-1.4748	-1.4027	-1.2377	-0.7376	-0.4075	*****	*****	*****	*****	-0.4075

Small Radius L.E.
 Run No. = 39 , Point No. = 803
 $C_N = 1.139$, $C_m = -0.1728$
 $\alpha = 23.6^\circ$, $M_\infty = 0.801$
 $R_{mac} = 6.0 \times 10^6$

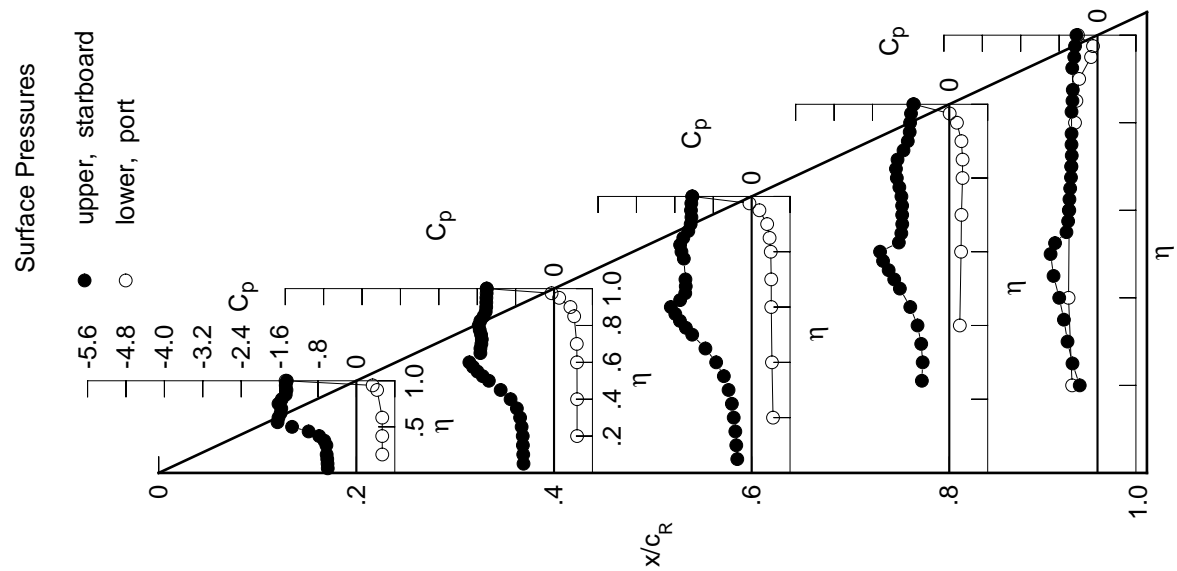
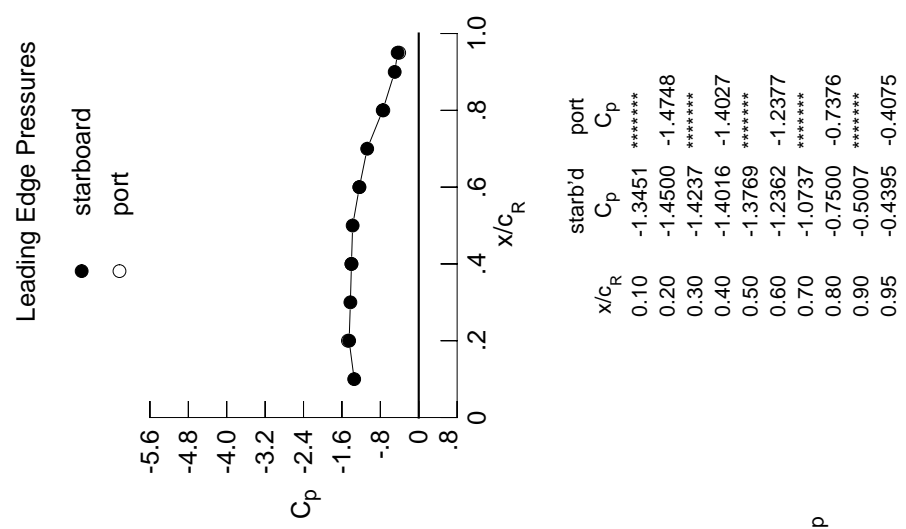


Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6336	-0.6610	-0.1412	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6381	-0.6675	-0.1711	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6477	-0.6753	-0.1973	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6589	-0.6836	-0.2380	*****	*****	*****	*****	*****	*****	-0.3916
0.250	*****	-0.7111	-0.2833	-0.7383	-0.7383	-0.5527	*****	*****	*****	*****
0.300	-0.6791	-0.7539	-0.3572	-0.7455	-0.7455	-0.6634	*****	*****	*****	*****
0.350	-0.7477	-0.8332	-0.4690	-0.7921	-0.7921	-0.7395	*****	*****	*****	*****
0.400	-0.9010	-0.9779	-0.6349	-0.8670	-0.8670	-0.8353	*****	*****	*****	*****
0.450	-1.1565	-1.1850	-0.8622	-0.9929	-0.9929	-0.9318	*****	*****	*****	*****
0.500	-1.4732	-1.4205	-1.1408	-1.1642	-1.1642	-0.9643	*****	*****	*****	*****
0.525	*****	-1.5371	-1.2764	-1.2544	-1.2544	-0.9569	*****	*****	*****	*****
0.550	-1.7160	-1.6364	-1.4029	-1.3484	-1.3484	-0.8727	*****	*****	*****	*****
0.575	*****	-1.7227	-1.5099	-1.4445	-1.4445	-0.6970	*****	*****	*****	*****
0.600	-1.6529	-1.7827	-1.6084	-1.5155	-1.5155	-0.6057	*****	*****	*****	*****
0.625	*****	*****	-1.6348	-1.1703	-1.1703	-0.5848	*****	*****	*****	*****
0.650	-1.5790	-1.5474	-1.3669	-1.1104	-1.1104	-0.5943	*****	*****	*****	*****
0.675	*****	-1.5555	-1.3224	-1.0970	-1.0970	-0.5932	*****	*****	*****	*****
0.700	-1.5842	-1.5332	-1.3115	-1.0975	-1.0975	-0.5909	*****	*****	*****	*****
0.725	*****	-1.5287	*****	-1.0913	-1.0913	-0.5765	*****	*****	*****	*****
0.750	-1.6471	-1.5391	*****	-1.1002	-1.1002	-0.5721	*****	*****	*****	*****
0.775	*****	-1.5759	-1.3061	-1.1205	-1.1205	-0.5603	*****	*****	*****	*****
0.800	-1.5743	-1.5982	-1.3319	-1.1608	-1.1608	*****	*****	*****	*****	*****
0.825	*****	-1.5624	-1.3709	-1.1689	-1.1689	-0.5642	*****	*****	*****	*****
0.850	-1.4978	-1.4944	-1.3579	-1.1174	-1.1174	-0.5518	*****	*****	*****	*****
0.875	*****	-1.4528	-1.2659	-1.0075	-1.0075	-0.5517	*****	*****	*****	*****
0.900	-1.4856	-1.4431	-1.1828	-0.9593	-0.9593	*****	*****	*****	*****	*****
0.925	*****	-1.4502	-1.1275	-0.9493	-0.9493	-0.5558	*****	*****	*****	*****
0.950	-1.5007	-1.4470	-1.1190	-0.9533	-0.9533	-0.4998	*****	*****	*****	*****
0.975	*****	-1.4384	-1.1039	-0.9314	-0.9314	-0.4762	*****	*****	*****	*****
1.000	-1.4769	-1.4377	-1.0923	-0.8793	-0.8793	-0.4475	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5676	0.5030	0.4655	*****	*****	-0.5524	*****	*****	*****	*****
-0.600	0.5652	0.5065	0.4406	0.2257	-0.6185	*****	*****	*****	*****	*****
-0.700	0.5640	0.5000	0.4296	0.2541	-0.6004	*****	*****	*****	*****	*****
-0.800	*****	0.4959	0.4311	0.2623	-0.5632	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4216	0.2777	-0.4802	*****	*****	*****	*****	*****
-0.900	0.4414	0.3494	0.3986	0.2791	-0.4547	*****	*****	*****	*****	*****
-0.950	0.3410	0.1074	0.3518	0.2548	-0.3975	*****	*****	*****	*****	*****
-0.975	*****	-0.0623	0.0130	0.1637	-0.1524	*****	*****	*****	*****	*****
-1.000	-1.5086	-1.4362	-0.7198	-0.7065	-0.4441	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 39 , Point No. = 804
 $C_N = 1.142$, $C_m = -0.1801$
 $\alpha = 24.6^\circ$, $M_\infty = 0.800$
 $R_{mac} = 6.0 \times 10^6$

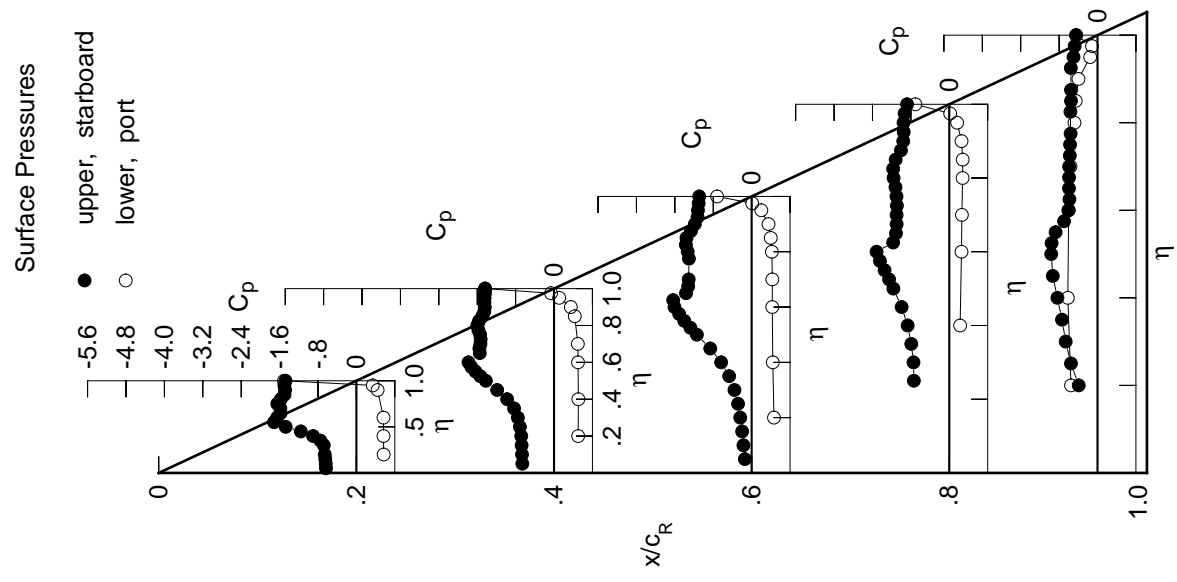
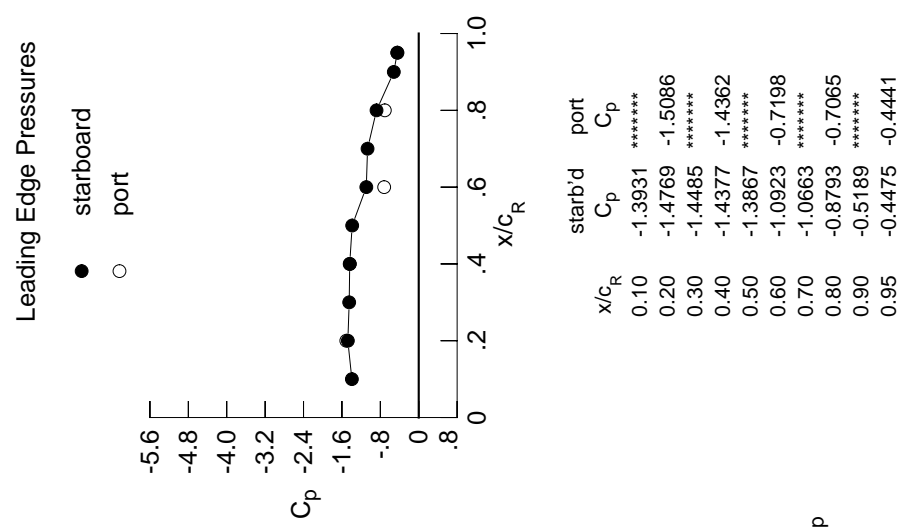


Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6697	-0.6996	-0.1575	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6715	-0.7063	-0.1903	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6858	-0.7171	-0.2162	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6946	-0.7261	-0.2616	*****	*****	*****	*****	*****	*****	-0.3848
0.250	*****	-0.7621	-0.3137	-0.7880	-0.7974	-0.8447	-0.7358	*****	*****	*****
0.300	-0.7385	-0.8166	-0.4048	-0.7974	-0.8447	-0.7358	*****	*****	*****	*****
0.350	-0.8289	-0.9110	-0.5270	-0.8447	-0.7358	*****	*****	*****	*****	*****
0.400	-1.0137	-1.0668	-0.7105	-0.9258	-0.8365	*****	*****	*****	*****	*****
0.450	-1.2792	-1.2737	-0.9371	-1.0504	-0.9442	*****	*****	*****	*****	*****
0.500	-1.5673	-1.4874	-1.2073	-1.2176	-0.9717	*****	*****	*****	*****	*****
0.525	*****	-1.5903	-1.3350	-1.3041	-0.9447	*****	*****	*****	*****	*****
0.550	-1.7753	-1.6786	-1.4489	-1.3934	-0.8525	*****	*****	*****	*****	*****
0.575	*****	-1.7514	-1.5438	-1.4785	-0.7171	*****	*****	*****	*****	*****
0.600	-1.7171	-1.7862	-1.6367	-1.4655	-0.6359	*****	*****	*****	*****	*****
0.625	*****	*****	-1.6497	-1.1641	-0.6092	*****	*****	*****	*****	*****
0.650	-1.6495	-1.5667	-1.4226	-1.1161	-0.6096	*****	*****	*****	*****	*****
0.675	*****	-1.5867	-1.3565	-1.1075	-0.5993	*****	*****	*****	*****	*****
0.700	-1.6098	-1.5658	-1.3459	-1.1086	-0.5983	*****	*****	*****	*****	*****
0.725	*****	-1.5633	*****	-1.1013	-0.5884	*****	*****	*****	*****	*****
0.750	-1.6269	-1.5707	*****	-1.1133	-0.5919	*****	*****	*****	*****	*****
0.775	*****	-1.6053	-1.3280	-1.1352	-0.5856	*****	*****	*****	*****	*****
0.800	-1.5876	-1.6334	-1.3447	-1.1743	*****	*****	*****	*****	*****	*****
0.825	*****	-1.5947	-1.3751	-1.1812	-0.5935	*****	*****	*****	*****	*****
0.850	-1.5114	-1.5245	-1.3755	-1.1299	-0.5837	*****	*****	*****	*****	*****
0.875	*****	-1.4833	-1.2933	-1.0101	-0.5796	*****	*****	*****	*****	*****
0.900	-1.5030	-1.4762	-1.2106	-0.9567	*****	*****	*****	*****	*****	*****
0.925	*****	-1.4849	-1.1511	-0.9406	-0.5838	*****	*****	*****	*****	*****
0.950	-1.5160	-1.4852	-1.1380	-0.9407	-0.5277	*****	*****	*****	*****	*****
0.975	*****	-1.4783	-1.1252	-0.9118	-0.5023	*****	*****	*****	*****	*****
1.000	-1.4935	-1.4794	-1.1164	-0.8569	-0.4722	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5936	0.5207	0.4796	*****	*****	*****	*****	*****	*****	-0.5367
-0.600	0.5885	0.5285	0.4556	0.2402	-0.6044	*****	*****	*****	*****	*****
-0.700	0.5851	0.5197	0.4455	0.2658	-0.5832	*****	*****	*****	*****	*****
-0.800	*****	0.5120	0.4444	0.2757	-0.5479	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4326	0.2867	-0.4684	*****	*****	*****	*****	*****
-0.900	0.4479	0.3503	0.3532	0.2586	-0.3835	*****	*****	*****	*****	*****
-0.950	0.3423	0.1030	0.1903	0.1592	-0.1508	*****	*****	*****	*****	*****
-0.975	*****	-0.0766	-0.0070	0.0045	-0.1251	*****	*****	*****	*****	*****
-1.000	-1.5216	-1.4780	-0.7773	-0.7103	-0.4682	*****	*****	*****	*****	*****

Small Radius L.E.

Run No. = 39 , Point No. = 805

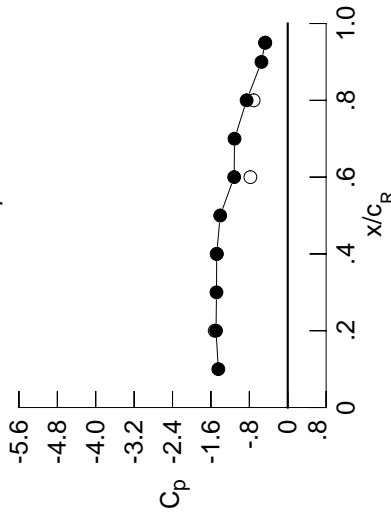
$C_N = 1.140$, $C_m = -0.1824$

$\alpha = 25.6^\circ$, $M_\infty = 0.802$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.4459	*****
0.20	-1.4935	-1.5216
0.30	-1.4845	*****
0.40	-1.4794	-1.4780
0.50	-1.4071	*****
0.60	-1.1164	-0.7773
0.70	-1.1085	*****
0.80	-0.8569	-0.7103
0.90	-0.5469	*****
0.95	-0.4722	-0.4682

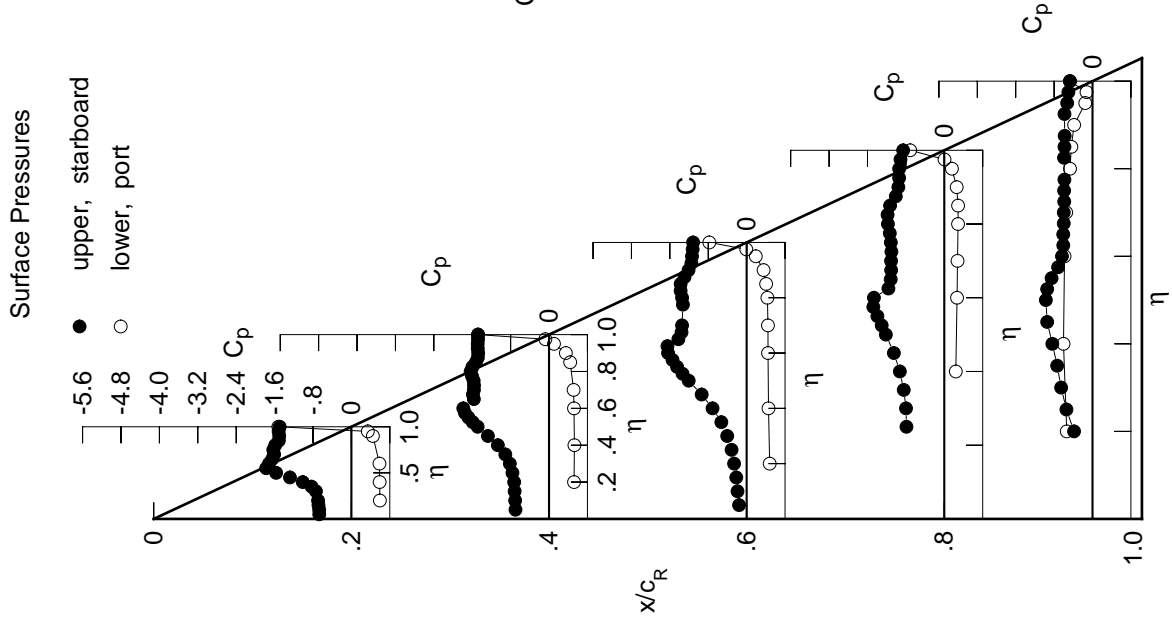


Table D3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.7127	-0.7214	-0.0718	*****	*****	*****	*****	*****	*****	*****
0.100	-0.7175	-0.7319	-0.0903	*****	*****	*****	*****	*****	*****	*****
0.150	-0.7284	-0.7403	-0.1059	*****	*****	*****	*****	*****	*****	*****
0.200	-0.7452	-0.7565	-0.1383	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.7991	-0.1820	-0.9719	-0.9719	-0.9719	-0.9719	-0.9719	-0.9719	-0.9719
0.300	-0.8049	-0.8601	-0.2640	-0.9731	-0.9731	-0.9731	-0.9731	-0.9731	-0.9731	-0.9731
0.350	-0.9157	-0.9667	-0.3895	-0.9964	-0.9964	-0.9964	-0.9964	-0.9964	-0.9964	-0.9964
0.400	-1.1169	-1.1303	-0.5756	-0.9812	-0.9812	-0.9812	-0.9812	-0.9812	-0.9812	-0.9812
0.450	-1.3771	-1.3381	-0.8009	-0.9701	-0.9701	-0.9701	-0.9701	-0.9701	-0.9701	-0.9701
0.500	-1.6375	-1.5395	-1.0822	-0.9669	-0.9669	-0.9669	-0.9669	-0.9669	-0.9669	-0.9669
0.525	*****	-1.6375	-1.2157	-0.9706	-0.9706	-0.9706	-0.9706	-0.9706	-0.9706	-0.9706
0.550	-1.8220	-1.7164	-1.3289	-0.9638	-0.9638	-0.9638	-0.9638	-0.9638	-0.9638	-0.9638
0.575	*****	-1.7840	-1.3689	-0.9805	-0.9805	-0.9805	-0.9805	-0.9805	-0.9805	-0.9805
0.600	-1.7285	-1.8010	-1.1467	-0.9893	-0.9893	-0.9893	-0.9893	-0.9893	-0.9893	-0.9893
0.625	*****	*****	-1.0143	-0.9805	-0.9805	-0.9805	-0.9805	-0.9805	-0.9805	-0.9805
0.650	-1.6861	-1.5921	-0.9877	-0.9698	-0.9698	-0.9698	-0.9698	-0.9698	-0.9698	-0.9698
0.675	*****	-1.6155	-0.9634	-0.9690	-0.9690	-0.9690	-0.9690	-0.9690	-0.9690	-0.9690
0.700	-1.6835	-1.5954	-0.9517	-0.9628	-0.9628	-0.9628	-0.9628	-0.9628	-0.9628	-0.9628
0.725	*****	-1.5948	*****	-0.9452	-0.9452	-0.9452	-0.9452	-0.9452	-0.9452	-0.9452
0.750	-1.7049	-1.6020	*****	-0.9239	-0.9239	-0.9239	-0.9239	-0.9239	-0.9239	-0.9239
0.775	*****	-1.6413	-0.9041	-0.9153	-0.9153	-0.9153	-0.9153	-0.9153	-0.9153	-0.9153
0.800	-1.6432	-1.6717	-0.8958	-0.9085	-0.9085	-0.9085	-0.9085	-0.9085	-0.9085	-0.9085
0.825	*****	-1.6339	-0.8902	-0.9004	-0.9004	-0.9004	-0.9004	-0.9004	-0.9004	-0.9004
0.850	-1.5571	-1.5601	-0.8790	-0.8868	-0.8868	-0.8868	-0.8868	-0.8868	-0.8868	-0.8868
0.875	*****	-1.5144	-0.8450	-0.8629	-0.8629	-0.8629	-0.8629	-0.8629	-0.8629	-0.8629
0.900	-1.5306	-1.5077	-0.8112	-0.8591	-0.8591	-0.8591	-0.8591	-0.8591	-0.8591	-0.8591
0.925	*****	-1.5178	-0.7713	-0.8400	-0.8400	-0.8400	-0.8400	-0.8400	-0.8400	-0.8400
0.950	-1.5447	-1.5189	-0.7704	-0.8257	-0.8257	-0.8257	-0.8257	-0.8257	-0.8257	-0.8257
0.975	*****	-1.5104	-0.7715	-0.8075	-0.8075	-0.8075	-0.8075	-0.8075	-0.8075	-0.8075
1.000	-1.5260	-1.5126	-0.7607	-0.7786	-0.7786	-0.7786	-0.7786	-0.7786	-0.7786	-0.7786
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.6167	0.5445	0.4959	*****	*****	*****	*****	*****	*****	*****
-0.600	0.6128	0.5457	0.4732	0.2516	-0.5980	-0.5980	-0.5980	-0.5980	-0.5980	-0.5980
-0.700	0.6051	0.5383	0.4625	0.2762	-0.5760	-0.5760	-0.5760	-0.5760	-0.5760	-0.5760
-0.800	*****	0.5285	0.4579	0.2876	-0.5415	-0.5415	-0.5415	-0.5415	-0.5415	-0.5415
-0.850	*****	*****	0.4455	0.2953	-0.4600	-0.4600	-0.4600	-0.4600	-0.4600	-0.4600
-0.900	0.4534	0.3490	0.3529	0.2934	-0.4328	-0.4328	-0.4328	-0.4328	-0.4328	-0.4328
-0.950	0.3421	0.1023	0.1807	0.2597	-0.3731	-0.3731	-0.3731	-0.3731	-0.3731	-0.3731
-0.975	*****	-0.0930	-0.0271	-0.0173	-0.1300	-0.1300	-0.1300	-0.1300	-0.1300	-0.1300
-1.000	-1.5505	-1.5172	-0.7961	-0.7636	-0.4770	-0.4770	-0.4770	-0.4770	-0.4770	-0.4770

Small Radius L.E.
 Run No. = 39 , Point No. = 806
 $C_N = 1.174$, $C_m = -0.1814$
 $\alpha = 26.7^\circ$, $M_\infty = 0.800$
 $R_{mac} = 6.0 \times 10^6$

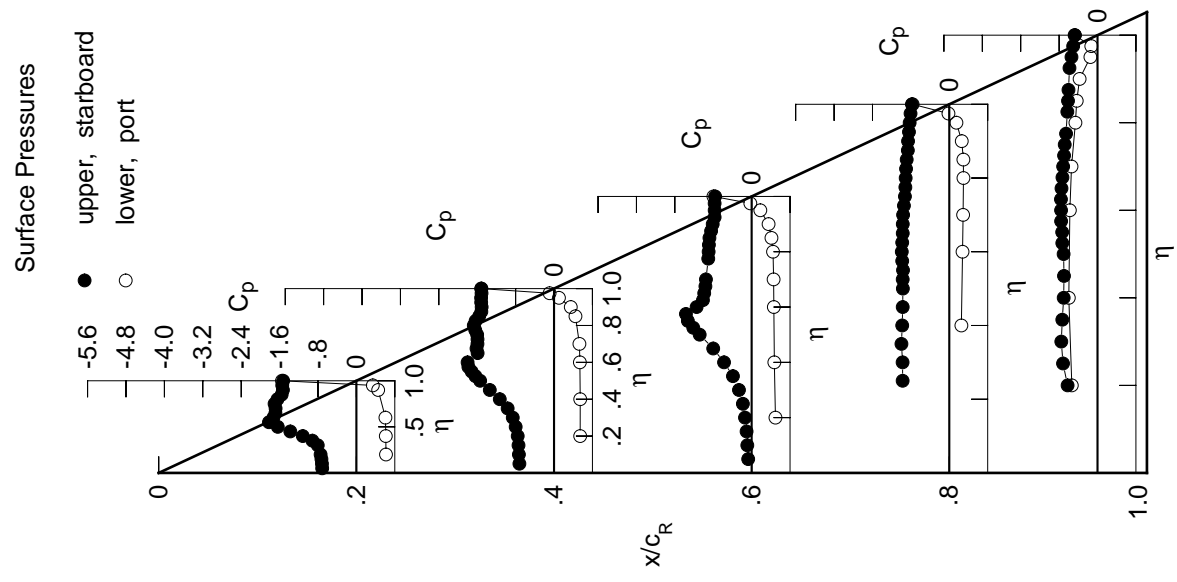
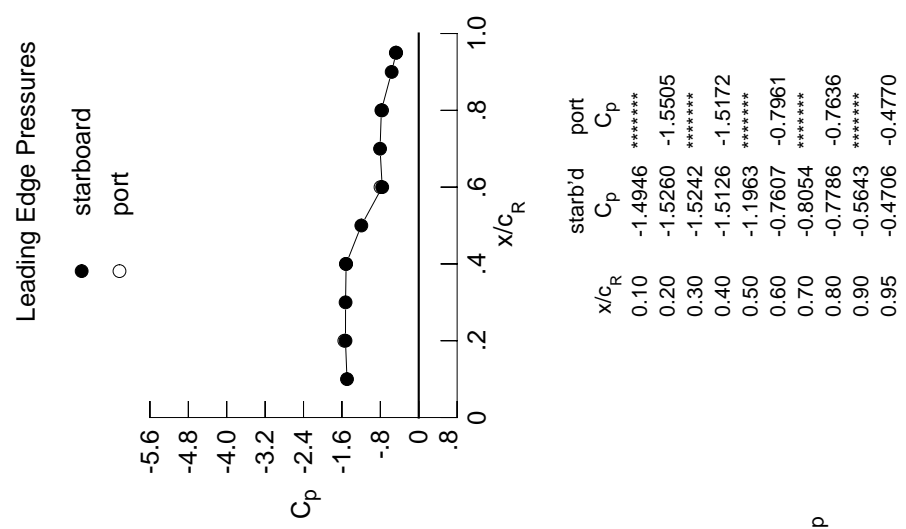


Table D3. Concluded.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0206	-0.0053	0.1129	0.1129	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.100	-0.0148	-0.0030	0.1023	0.1023	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.150	-0.0199	-0.0037	0.0862	0.0862	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.200	-0.0191	-0.0037	0.0796	0.0796	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.250	*****	-0.0037	0.0632	0.1247	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.300	-0.0367	-0.0047	0.0554	-0.1134	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.350	-0.0476	-0.0089	0.0430	-0.1039	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.400	-0.0508	-0.0065	0.0366	-0.0958	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.450	-0.0592	-0.0100	0.0312	-0.0879	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.500	-0.0617	-0.0136	0.0200	-0.0833	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.525	*****	-0.0161	0.0170	-0.0829	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.550	-0.0675	-0.0179	0.0121	-0.0802	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.575	*****	-0.0219	0.0139	-0.0798	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.600	-0.0704	-0.0211	0.0067	-0.0811	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.625	*****	*****	0.0051	-0.0751	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.650	-0.0689	-0.0465	0.0061	-0.0765	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.675	*****	-0.0535	-0.0034	-0.0808	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.700	-0.0637	-0.0546	-0.0053	-0.0756	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.725	*****	-0.0617	*****	-0.0822	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.750	-0.0532	-0.0691	*****	-0.0826	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.775	*****	-0.0735	-0.0435	-0.0835	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.800	-0.0347	-0.0758	-0.0508	-0.0853	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.825	*****	-0.0782	-0.0610	-0.1060	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.850	-0.0066	-0.0789	-0.0700	-0.1187	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.875	*****	-0.0667	-0.0786	-0.1277	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.900	0.0288	-0.0433	-0.0742	-0.1386	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.925	*****	-0.0198	-0.0570	-0.1292	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.950	0.0717	0.0154	-0.0176	-0.1001	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.975	*****	0.0572	0.0399	-0.0325	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
1.000	0.1932	0.1865	0.1834	0.1406	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0263	-0.0042	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
-0.400	-0.0545	-0.0077	0.0332	-0.0945	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
-0.600	-0.0763	-0.0169	0.0042	-0.0772	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
-0.700	*****	-0.0595	-0.0114	-0.0797	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
-0.800	*****	*****	-0.0653	-0.0880	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
-0.850	*****	-0.0798	-0.0851	-0.1272	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
-0.900	-0.0167	-0.0536	-0.0870	-0.1499	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
-0.950	0.0188	0.0101	-0.0320	-0.1143	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
-0.975	*****	0.0584	0.0203	-0.0475	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
-1.000	0.1937	0.1849	0.1739	0.1443	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690

Small Radius L.E.

Run No. = 39 , Point No. = 807

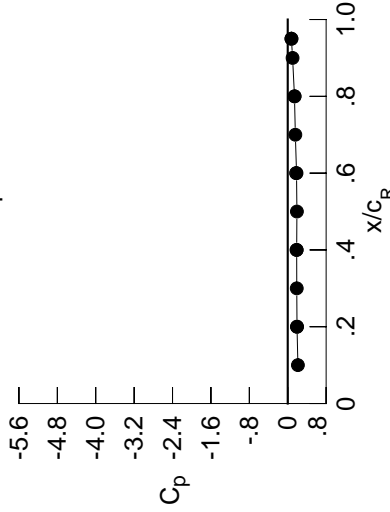
$C_N = -0.012$, $C_m = 0.0039$

$\alpha = 0.1^\circ$, $M_\infty = 0.801$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2121	*****
0.20	0.1932	0.1937
0.30	0.1882	*****
0.40	0.1865	0.1849
0.50	0.1913	*****
0.60	0.1834	0.1739
0.70	0.1588	*****
0.80	0.1406	0.1443
0.90	0.1012	*****
0.95	0.0765	0.0780

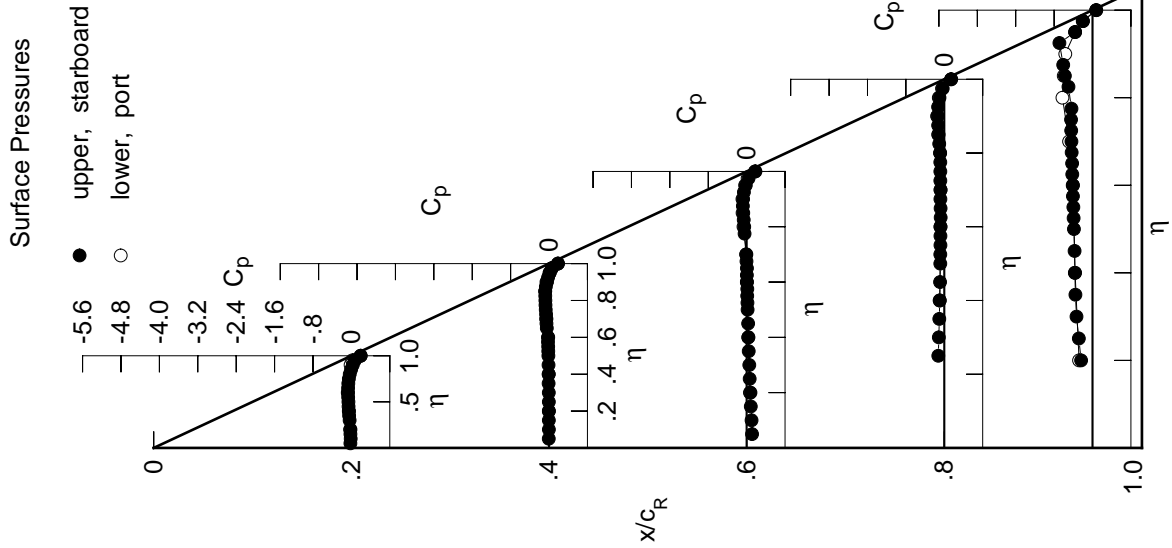
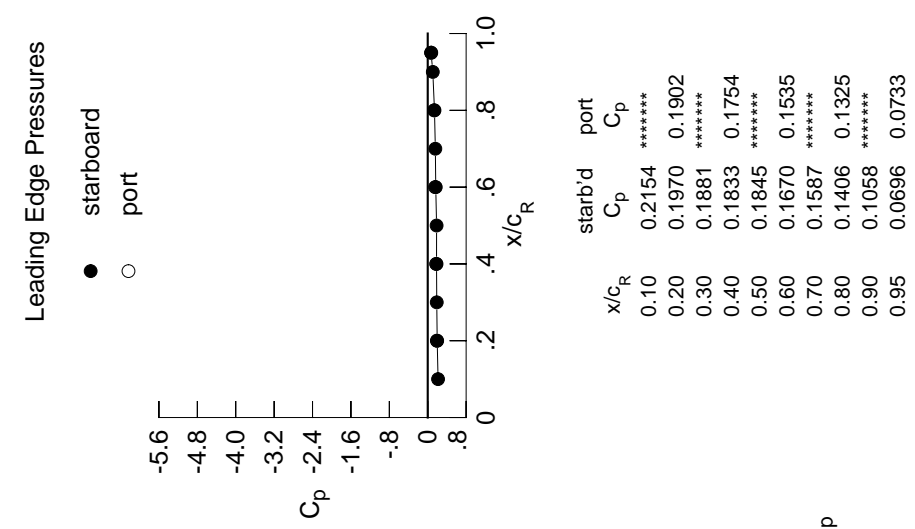
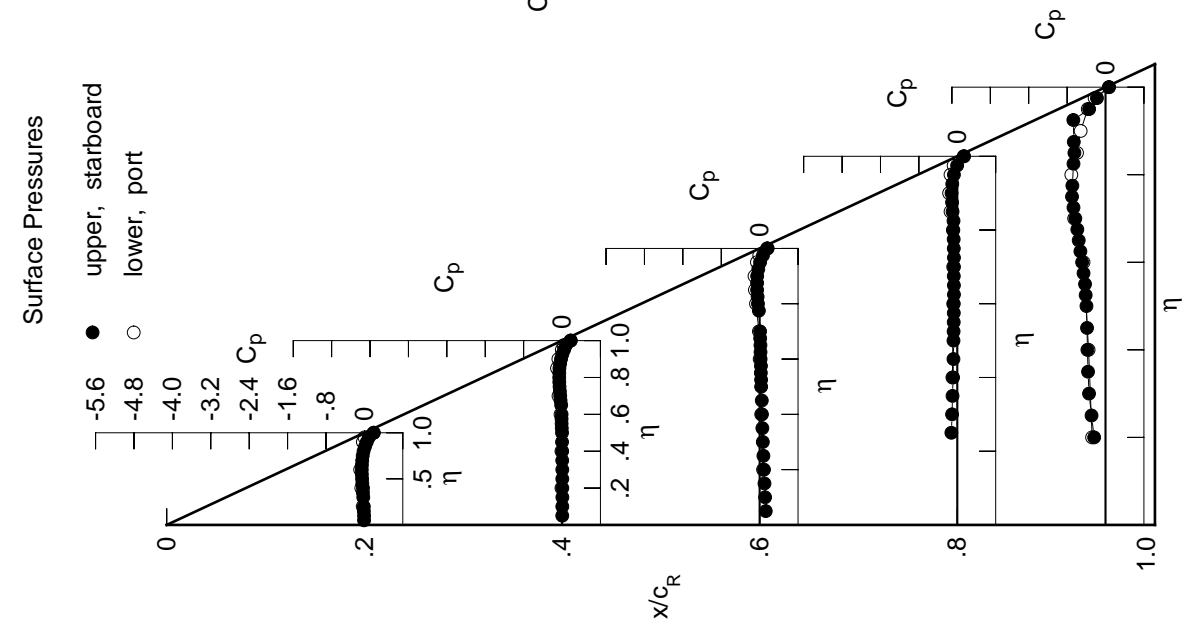


Table D4. Tabulations and Plots of Surface Pressure Coefficients.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0071	0.0044	0.1269	0.1269	0.1269
0.100	-0.0065	0.0056	0.1138	0.1138	0.1138
0.150	-0.0112	0.0070	0.1009	0.1009	0.1009
0.200	-0.0119	0.0059	0.0907	0.0907	0.0907
0.250	0.0056	0.0056	0.0785	0.1234	-0.2370
0.300	-0.0230	0.0054	0.0664	-0.1087	-0.3429
0.350	-0.0301	0.0039	0.0567	-0.0996	-0.3639
0.400	-0.0296	0.0033	0.0479	-0.0884	-0.3770
0.450	-0.0431	0.0002	0.0445	-0.0796	-0.3851
0.500	-0.0481	-0.0004	0.0313	-0.0789	-0.3966
0.525	0.0054	-0.0054	0.0304	-0.0764	-0.4139
0.550	-0.0525	-0.0087	0.0249	-0.0740	-0.4266
0.575	0.0097	-0.0097	0.0271	-0.0730	-0.4574
0.600	-0.0545	-0.0094	0.0201	-0.0739	-0.4870
0.625	0.0181	0.0181	0.0181	-0.0698	-0.5230
0.650	-0.0524	-0.0176	0.0172	-0.0701	-0.5583
0.675	0.0303	-0.0303	0.0112	-0.0728	-0.5875
0.700	-0.0456	-0.0377	0.0091	-0.0696	-0.6288
0.725	0.0447	-0.0447	0.0091	-0.0696	-0.6672
0.750	-0.0354	-0.0524	0.0091	-0.0732	-0.6975
0.775	-0.0570	-0.0570	-0.0162	-0.0748	-0.6900
0.800	-0.0178	-0.0585	-0.0355	-0.0821	0.0000
0.825	0.0573	-0.0573	-0.0422	-0.0783	-0.6673
0.850	-0.0128	-0.0540	-0.0525	-0.0986	-0.6478
0.875	0.0401	-0.0401	-0.0527	-0.1088	-0.6606
0.900	0.0494	-0.0208	-0.0516	-0.1198	0.0000
0.925	0.0052	-0.0052	-0.0279	-0.1044	-0.6703
0.950	0.0936	0.0415	0.0098	-0.0703	-0.3417
0.975	0.0813	0.0813	0.0696	-0.0028	-0.1785
1.000	0.1970	0.1833	0.1670	0.1406	0.0696
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0344	-0.0118	0.0712	0.0712	-0.2789
-0.400	-0.0639	-0.0121	0.0327	-0.1019	-0.3529
-0.600	-0.0879	-0.0309	0.0009	-0.0845	-0.4583
-0.700	0.0727	-0.0727	-0.0149	-0.0848	-0.6537
-0.800	0.0762	0.0762	-0.0919	-0.0919	-0.7120
-0.850	-0.1043	-0.1043	-0.0985	-0.1401	-0.5939
-0.900	-0.0322	-0.0759	-0.1065	-0.1697	-0.5184
-0.950	0.0016	-0.0045	-0.0569	-0.1409	-0.3699
-0.975	0.0327	-0.0071	-0.0761	-0.0761	-0.2268
-1.000	0.1902	0.1754	0.1535	0.1325	0.0733

Small Radius L.E.
 Run No. = 40 , Point No. = 808
 $C_N = -0.031$, $C_m = 0.0075$
 $\alpha = -0.4^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.2154	0.1902
0.20	0.1970	0.1881
0.30	0.1881	0.1833
0.40	0.1833	0.1845
0.50	0.1845	0.1535
0.60	0.1670	0.1587
0.70	0.1587	0.1406
0.80	0.1406	0.1058
0.90	0.1058	0.0696
0.95	0.0696	0.0733

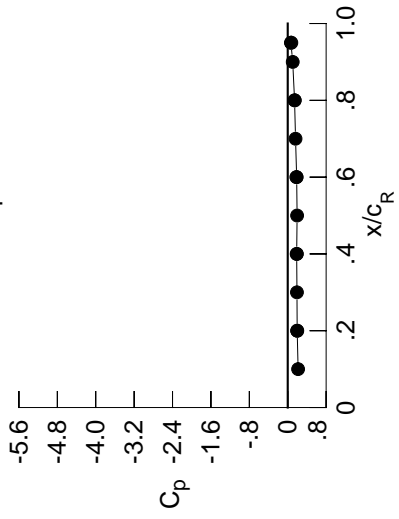
Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0149	-0.0008	0.1194	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0138	0.0007	0.1098	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0188	-0.0011	0.0949	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0185	0.0005	0.0861	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0024	0.0712	-0.1260	-0.1260	-0.1260	-0.1260	-0.1260	-0.1260	-0.1260
0.300	-0.0341	-0.0005	0.0661	-0.1138	-0.1138	-0.1138	-0.1138	-0.1138	-0.1138	-0.1138
0.350	-0.0424	-0.0034	0.0501	-0.1052	-0.1052	-0.1052	-0.1052	-0.1052	-0.1052	-0.1052
0.400	-0.0482	-0.0041	0.0455	-0.0938	-0.0938	-0.0938	-0.0938	-0.0938	-0.0938	-0.0938
0.450	-0.0554	-0.0082	0.0366	-0.0892	-0.0892	-0.0892	-0.0892	-0.0892	-0.0892	-0.0892
0.500	-0.0605	-0.0118	0.0247	-0.0835	-0.0835	-0.0835	-0.0835	-0.0835	-0.0835	-0.0835
0.525	*****	-0.0110	0.0218	-0.0838	-0.0838	-0.0838	-0.0838	-0.0838	-0.0838	-0.0838
0.550	-0.0654	-0.0179	0.0195	-0.0771	-0.0771	-0.0771	-0.0771	-0.0771	-0.0771	-0.0771
0.575	*****	-0.0155	0.0173	-0.0804	-0.0804	-0.0804	-0.0804	-0.0804	-0.0804	-0.0804
0.600	-0.0680	-0.0183	0.0157	-0.0788	-0.0788	-0.0788	-0.0788	-0.0788	-0.0788	-0.0788
0.625	*****	*****	0.0087	-0.0770	-0.0770	-0.0770	-0.0770	-0.0770	-0.0770	-0.0770
0.650	-0.0671	-0.0374	0.0128	-0.0770	-0.0770	-0.0770	-0.0770	-0.0770	-0.0770	-0.0770
0.675	*****	-0.0508	0.0000	-0.0783	-0.0783	-0.0783	-0.0783	-0.0783	-0.0783	-0.0783
0.700	-0.0612	-0.0565	0.0025	-0.0749	-0.0749	-0.0749	-0.0749	-0.0749	-0.0749	-0.0749
0.725	*****	-0.0575	*****	-0.0774	-0.0774	-0.0774	-0.0774	-0.0774	-0.0774	-0.0774
0.750	-0.0526	-0.0710	*****	-0.0800	-0.0800	-0.0800	-0.0800	-0.0800	-0.0800	-0.0800
0.775	*****	-0.0747	-0.0387	-0.0823	-0.0823	-0.0823	-0.0823	-0.0823	-0.0823	-0.0823
0.800	-0.0320	-0.0788	-0.0494	-0.0866	-0.0866	-0.0866	-0.0866	-0.0866	-0.0866	-0.0866
0.825	*****	-0.0767	-0.0568	-0.1003	-0.1003	-0.1003	-0.1003	-0.1003	-0.1003	-0.1003
0.850	-0.0051	-0.0790	-0.0675	-0.1180	-0.1180	-0.1180	-0.1180	-0.1180	-0.1180	-0.1180
0.875	*****	-0.0672	-0.0763	-0.1266	-0.1266	-0.1266	-0.1266	-0.1266	-0.1266	-0.1266
0.900	0.0321	-0.0460	-0.0705	-0.1373	-0.1373	-0.1373	-0.1373	-0.1373	-0.1373	-0.1373
0.925	*****	-0.0169	-0.0492	-0.1284	-0.1284	-0.1284	-0.1284	-0.1284	-0.1284	-0.1284
0.950	0.0750	0.0196	-0.0166	-0.0965	-0.0965	-0.0965	-0.0965	-0.0965	-0.0965	-0.0965
0.975	*****	0.0619	0.0442	-0.0315	-0.0315	-0.0315	-0.0315	-0.0315	-0.0315	-0.0315
1.000	0.1968	0.1863	0.1861	0.1424	0.1424	0.1424	0.1424	0.1424	0.1424	0.1424
$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0236	-0.0072	0.0809	*****	*****	*****	*****	*****	*****	*****
-0.400	-0.0520	-0.0007	0.0380	-0.0968	-0.0968	-0.0968	-0.0968	-0.0968	-0.0968	-0.0968
-0.600	-0.0735	-0.0182	0.0113	-0.0759	-0.0759	-0.0759	-0.0759	-0.0759	-0.0759	-0.0759
-0.700	*****	-0.0555	-0.0049	-0.0755	-0.0755	-0.0755	-0.0755	-0.0755	-0.0755	-0.0755
-0.800	*****	*****	-0.0587	-0.0840	-0.0840	-0.0840	-0.0840	-0.0840	-0.0840	-0.0840
-0.850	*****	-0.0787	-0.0783	-0.1226	-0.1226	-0.1226	-0.1226	-0.1226	-0.1226	-0.1226
-0.900	-0.0120	-0.0522	-0.0815	-0.1469	-0.1469	-0.1469	-0.1469	-0.1469	-0.1469	-0.1469
-0.950	0.0209	0.0143	-0.0280	-0.1100	-0.1100	-0.1100	-0.1100	-0.1100	-0.1100	-0.1100
-0.975	*****	0.0626	0.0256	-0.0438	-0.0438	-0.0438	-0.0438	-0.0438	-0.0438	-0.0438
-1.000	0.1987	0.1894	0.1797	0.1473	0.1473	0.1473	0.1473	0.1473	0.1473	0.1473

Small Radius L.E.
 Run No. = 40 , Point No. = 809
 $C_N = -0.010$, $C_m = 0.0026$
 $\alpha = 0.1^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2163	*****
0.20	0.1968	0.1987
0.30	0.1923	*****
0.40	0.1863	0.1894
0.50	0.1952	*****
0.60	0.1861	0.1797
0.70	0.1627	*****
0.80	0.1424	0.1473
0.90	0.1039	*****
0.95	0.0661	0.0752

Surface Pressures

● upper, starboard
 ○ lower, port

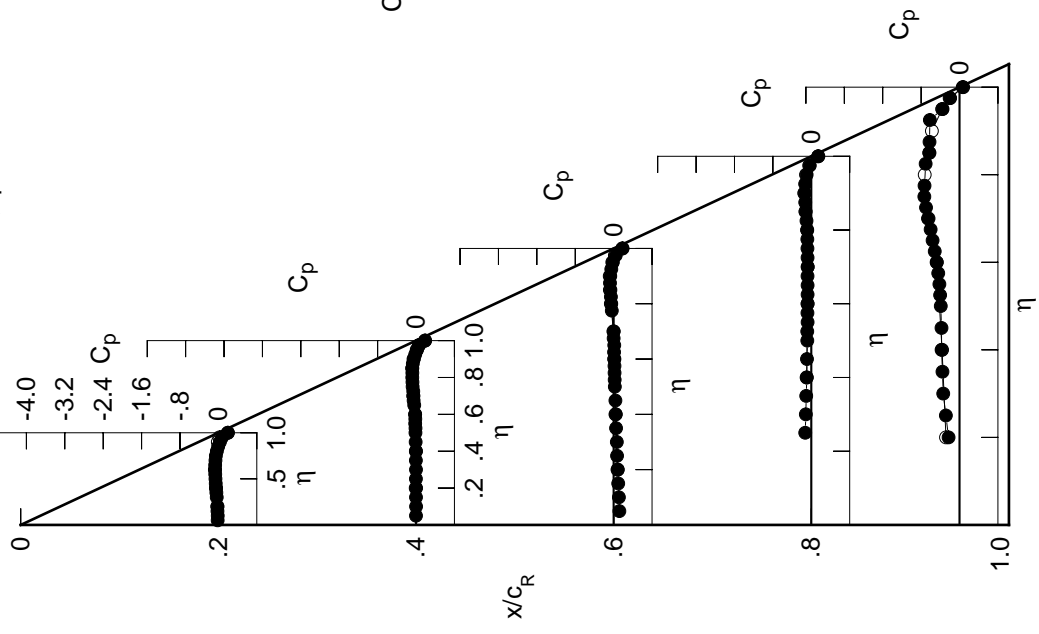


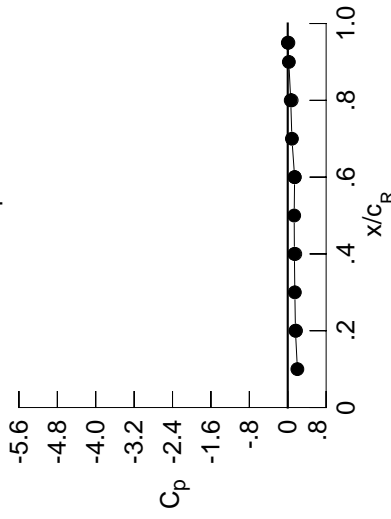
Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0340	-0.0204	0.1101	0.1101	0.0709	0.0709	0.0605	0.0605	0.0605	0.0605
0.100	-0.0318	-0.0139	0.0951	0.0951	0.0843	0.0843	0.0709	0.0709	0.0709	0.0709
0.150	-0.0377	-0.0201	0.0843	0.0843	0.0709	0.0709	0.0605	0.0605	0.0605	0.0605
0.200	-0.0396	-0.0150	0.0709	0.0709	0.0605	0.0605	0.0505	0.0505	0.0505	0.0505
0.250	*****	-0.0206	0.0605	0.0605	0.0505	0.0505	0.0405	0.0405	0.0405	0.0405
0.300	-0.0559	-0.0198	0.0459	0.0459	0.0377	0.0377	0.0300	0.0300	0.0300	0.0300
0.350	-0.0655	-0.0226	0.0377	0.0377	0.0300	0.0300	0.0226	0.0226	0.0226	0.0226
0.400	-0.0715	-0.0233	0.0282	0.0282	0.0226	0.0226	0.0175	0.0175	0.0175	0.0175
0.450	-0.0791	-0.0261	0.0245	0.0245	0.0198	0.0198	0.0150	0.0150	0.0150	0.0150
0.500	-0.0877	-0.0310	0.0088	0.0088	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096
0.525	*****	-0.0301	0.0084	0.0084	0.0084	0.0084	0.0084	0.0084	0.0084	0.0084
0.550	-0.0933	-0.0391	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024
0.575	*****	-0.0349	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
0.600	-0.0971	-0.0412	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
0.625	*****	*****	-0.0101	-0.0101	-0.0094	-0.0094	-0.0094	-0.0094	-0.0094	-0.0094
0.650	-0.0994	-0.0824	0.0098	0.0098	0.0094	0.0094	0.0094	0.0094	0.0094	0.0094
0.675	*****	-0.0897	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188
0.700	-0.0948	-0.0882	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188
0.725	*****	-0.0933	*****	*****	0.0930	0.0930	0.0930	0.0930	0.0930	0.0930
0.750	-0.0898	-0.1061	*****	*****	0.1028	0.1028	0.1028	0.1028	0.1028	0.1028
0.775	*****	-0.1112	0.0899	0.0899	0.1007	0.1007	0.1007	0.1007	0.1007	0.1007
0.800	-0.0730	-0.1179	0.0937	0.0937	0.1050	0.1050	0.1050	0.1050	0.1050	0.1050
0.825	*****	-0.1211	0.0966	0.0966	0.1457	0.1457	0.1457	0.1457	0.1457	0.1457
0.850	-0.0453	-0.1205	0.1120	0.1120	0.1536	0.1536	0.1536	0.1536	0.1536	0.1536
0.875	*****	-0.1136	0.1195	0.1195	0.1663	0.1663	0.1663	0.1663	0.1663	0.1663
0.900	-0.0108	-0.0979	0.1294	0.1294	0.1881	0.1881	0.1881	0.1881	0.1881	0.1881
0.925	*****	-0.0713	0.1086	0.1086	0.1874	0.1874	0.1874	0.1874	0.1874	0.1874
0.950	0.0263	-0.0431	0.0813	0.0813	0.1621	0.1621	0.1621	0.1621	0.1621	0.1621
0.975	*****	-0.0014	0.0257	0.0257	0.1056	0.1056	0.1056	0.1056	0.1056	0.1056
1.000	0.1607	0.1388	0.1435	0.1435	0.0623	0.0623	0.0024	0.0024	0.0024	0.0024
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0039	0.0124	0.0933	0.0933	0.0857	0.0857	0.0857	0.0857	0.0857	0.0857
-0.400	-0.0295	0.0119	0.0537	0.0537	0.0838	0.0838	0.0838	0.0838	0.0838	0.0838
-0.600	-0.0452	0.0031	0.0273	0.0273	0.0636	0.0636	0.0636	0.0636	0.0636	0.0636
-0.700	*****	-0.0217	0.0126	0.0126	0.0585	0.0585	0.0585	0.0585	0.0585	0.0585
-0.800	*****	*****	-0.0186	-0.0186	0.0678	0.0678	0.0678	0.0678	0.0678	0.0678
-0.850	*****	-0.0346	0.0398	0.0398	0.0843	0.0843	0.0843	0.0843	0.0843	0.0843
-0.900	0.0256	-0.0025	0.0314	0.0314	0.1033	0.1033	0.1033	0.1033	0.1033	0.1033
-0.950	0.0615	0.0463	0.0270	0.0270	0.0528	0.0528	0.0528	0.0528	0.0528	0.0528
-0.975	*****	0.1122	0.0835	0.0835	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154
-1.000	0.1719	0.1565	0.1462	0.1462	0.0817	0.0817	0.0138	0.0138	0.0138	0.0138

Small Radius L.E.
 Run No. = 40 , Point No. = 810
 $C_N = 0.032$, $C_m = -0.0050$
 $\alpha = 1.1^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2012	*****
0.20	0.1607	0.1719
0.30	0.1481	*****
0.40	0.1388	0.1565
0.50	0.1343	*****
0.60	0.1435	0.1462
0.70	0.0872	*****
0.80	0.0623	0.0817
0.90	0.0228	*****
0.95	0.0024	0.0138

Surface Pressures

● upper, starboard
 ○ lower, port

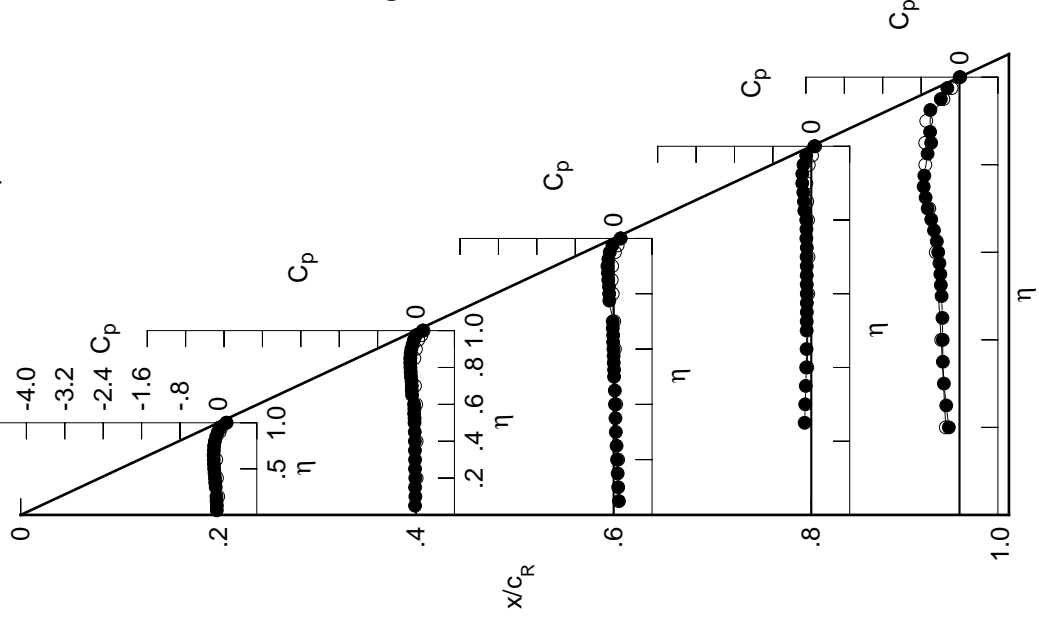
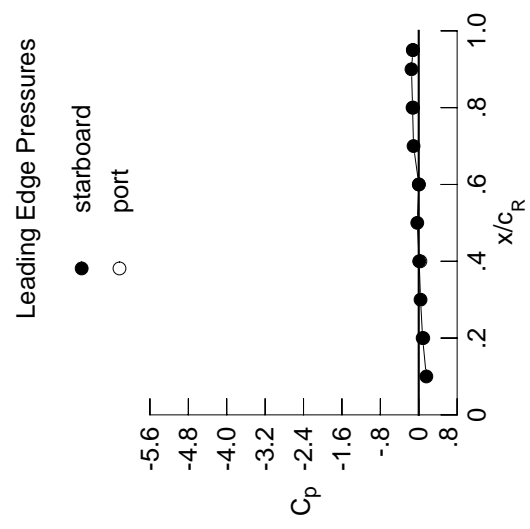


Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0497	-0.0370	0.0959	*****	*****	*****	*****	*****	*****	
0.100	-0.0533	-0.0338	0.0838	*****	*****	*****	*****	*****	*****	
0.150	-0.0598	-0.0344	0.0699	*****	*****	*****	*****	*****	*****	
0.200	-0.0609	-0.0304	0.0598	*****	*****	*****	*****	*****	-0.2214	
0.250	*****	-0.0352	0.0469	-0.1503	-0.2701	*****	*****	*****	*****	
0.300	-0.0795	-0.0358	0.0334	-0.1334	-0.3134	*****	*****	*****	*****	
0.350	-0.0883	-0.0391	0.0236	-0.1289	-0.3267	*****	*****	*****	*****	
0.400	-0.0944	-0.0413	0.0160	-0.1169	-0.3290	*****	*****	*****	*****	
0.450	-0.1019	-0.0460	0.0085	-0.1120	-0.3396	*****	*****	*****	*****	
0.500	-0.1108	-0.0480	-0.0070	-0.1105	-0.3521	*****	*****	*****	*****	
0.525	*****	-0.0521	-0.0085	-0.1075	-0.3618	*****	*****	*****	*****	
0.550	-0.1191	-0.0579	-0.0180	-0.1071	-0.3682	*****	*****	*****	*****	
0.575	*****	-0.0585	-0.0145	-0.1079	-0.3864	*****	*****	*****	*****	
0.600	-0.1269	-0.0565	-0.0231	-0.1117	-0.4018	*****	*****	*****	*****	
0.625	*****	*****	-0.0262	-0.1092	-0.4357	*****	*****	*****	*****	
0.650	-0.1312	-0.1050	-0.0293	-0.1083	-0.4877	*****	*****	*****	*****	
0.675	*****	-0.1272	-0.0345	-0.1127	-0.5458	*****	*****	*****	*****	
0.700	-0.1297	-0.1258	-0.0376	-0.1119	-0.6168	*****	*****	*****	*****	
0.725	*****	-0.1276	*****	-0.1144	-0.6762	*****	*****	*****	*****	
0.750	-0.1261	-0.1373	*****	-0.1232	-0.7025	*****	*****	*****	*****	
0.775	*****	-0.1483	-0.0641	-0.1271	-0.6733	*****	*****	*****	*****	
0.800	-0.1136	-0.1555	-0.1368	-0.1362	*****	*****	*****	*****	*****	
0.825	*****	-0.1631	-0.1393	-0.1469	-0.5736	*****	*****	*****	*****	
0.850	-0.0884	-0.1722	-0.1513	-0.2032	-0.5334	*****	*****	*****	*****	
0.875	*****	-0.1655	-0.1682	-0.2081	-0.5199	*****	*****	*****	*****	
0.900	-0.0561	-0.1506	-0.1820	-0.2354	*****	*****	*****	*****	*****	
0.925	*****	-0.1359	-0.1723	-0.2447	-0.4682	*****	*****	*****	*****	
0.950	-0.0217	-0.1058	-0.1496	-0.2307	-0.3968	*****	*****	*****	*****	
0.975	*****	-0.0775	-0.1099	-0.1879	-0.2980	*****	*****	*****	*****	
1.000	0.0813	0.0093	0.0026	-0.1286	-0.1204	*****	*****	*****	*****	
η	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.200	0.0162	0.0300	0.1028	*****	-0.2979	*****	*****	*****	*****	
-0.400	-0.0037	0.0294	0.0686	-0.0738	-0.3929	*****	*****	*****	*****	
-0.600	-0.0162	0.0231	0.0427	-0.0477	-0.5265	*****	*****	*****	*****	
-0.700	*****	0.0060	0.0350	-0.0453	-0.6596	*****	*****	*****	*****	
-0.800	*****	*****	0.0087	-0.0441	-0.7026	*****	*****	*****	*****	
-0.850	*****	0.0063	-0.0014	-0.0560	-0.7077	*****	*****	*****	*****	
-0.900	0.0612	0.0418	0.0100	-0.0595	-0.7616	*****	*****	*****	*****	
-0.950	0.0967	0.0769	0.0750	-0.0040	-0.3079	*****	*****	*****	*****	
-0.975	*****	0.1507	0.1275	0.0641	-0.1285	*****	*****	*****	*****	
-1.000	0.0947	0.0344	0.0015	-0.1157	-0.1235	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 40, Point No. = 811
 $C_N = 0.071$, $C_m = -0.0108$
 $\alpha = 2.2^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$



Leading Edge Pressures

x/c_R	starb'd C_p	port C_p
0.10	0.1581	*****
0.20	0.0813	0.0947
0.30	0.0373	*****
0.40	0.0093	0.0344
0.50	-0.0304	*****
0.60	0.0026	0.0015
0.70	-0.1083	*****
0.80	-0.1286	-0.1157
0.90	-0.1509	*****
0.95	-0.1204	-0.1235

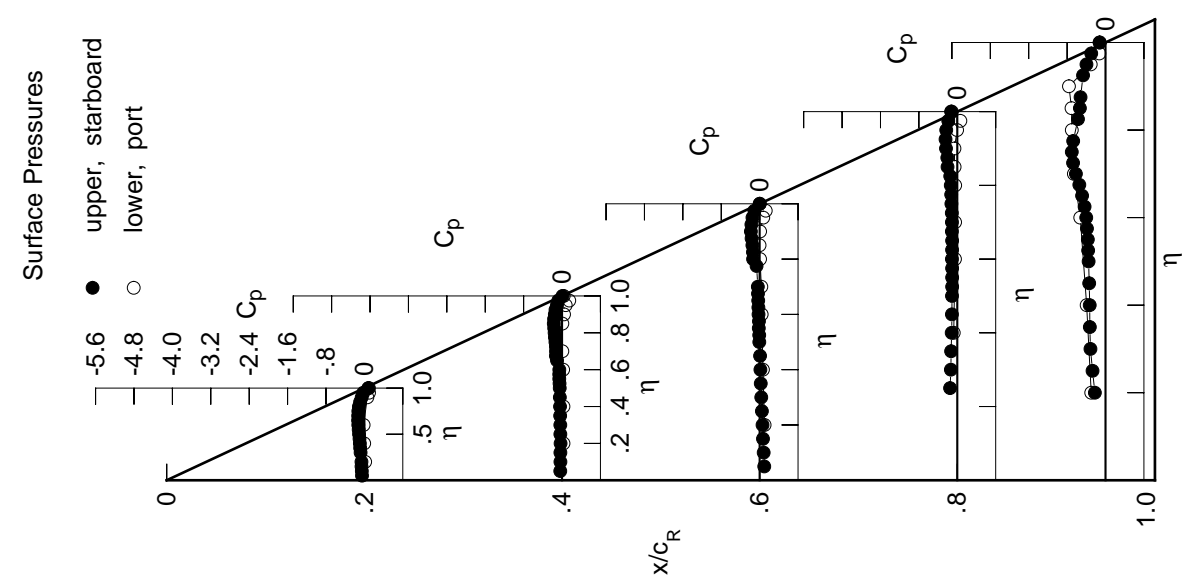


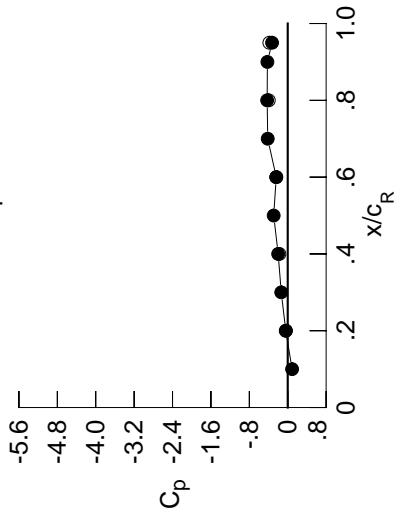
Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0670	-0.0511	0.0872	0.0872	0.0872	0.0872	0.0872	0.0872	0.0872	0.0872
0.100	-0.0622	-0.0455	0.0724	0.0724	0.0724	0.0724	0.0724	0.0724	0.0724	0.0724
0.150	-0.0766	-0.0510	0.0624	0.0624	0.0624	0.0624	0.0624	0.0624	0.0624	0.0624
0.200	-0.0723	-0.0479	0.0478	0.0478	0.0478	0.0478	0.0478	0.0478	0.0478	0.0478
0.250	*****	-0.0543	0.0356	0.0356	0.0356	0.0356	0.0356	0.0356	0.0356	0.0356
0.300	-0.1057	-0.0501	0.0208	0.0208	0.0208	0.0208	0.0208	0.0208	0.0208	0.0208
0.350	-0.1137	-0.0555	0.0126	0.0126	0.0126	0.0126	0.0126	0.0126	0.0126	0.0126
0.400	-0.1181	-0.0571	-0.0013	-0.0013	-0.0013	-0.0013	-0.0013	-0.0013	-0.0013	-0.0013
0.450	-0.1254	-0.0643	-0.0027	-0.0027	-0.0027	-0.0027	-0.0027	-0.0027	-0.0027	-0.0027
0.500	-0.1338	-0.0682	-0.0242	-0.0242	-0.0242	-0.0242	-0.0242	-0.0242	-0.0242	-0.0242
0.525	*****	-0.0720	-0.0221	-0.0221	-0.0221	-0.0221	-0.0221	-0.0221	-0.0221	-0.0221
0.550	-0.1427	-0.0769	-0.0323	-0.0323	-0.0323	-0.0323	-0.0323	-0.0323	-0.0323	-0.0323
0.575	*****	-0.0821	-0.0308	-0.0308	-0.0308	-0.0308	-0.0308	-0.0308	-0.0308	-0.0308
0.600	-0.1551	-0.0822	-0.0397	-0.0397	-0.0397	-0.0397	-0.0397	-0.0397	-0.0397	-0.0397
0.625	*****	*****	-0.0446	-0.0446	-0.0446	-0.0446	-0.0446	-0.0446	-0.0446	-0.0446
0.650	-0.1624	-0.0833	-0.0467	-0.0467	-0.0467	-0.0467	-0.0467	-0.0467	-0.0467	-0.0467
0.675	*****	-0.1596	-0.0579	-0.0579	-0.0579	-0.0579	-0.0579	-0.0579	-0.0579	-0.0579
0.700	-0.1650	-0.1697	-0.0594	-0.0594	-0.0594	-0.0594	-0.0594	-0.0594	-0.0594	-0.0594
0.725	*****	-0.1732	*****	-0.1365	-0.1365	-0.1365	-0.1365	-0.1365	-0.1365	-0.1365
0.750	-0.1663	-0.1782	*****	-0.1439	-0.1439	-0.1439	-0.1439	-0.1439	-0.1439	-0.1439
0.775	*****	-0.1822	-0.1039	-0.1039	-0.1039	-0.1039	-0.1039	-0.1039	-0.1039	-0.1039
0.800	-0.1576	-0.1974	-0.1343	-0.1343	-0.1343	-0.1343	-0.1343	-0.1343	-0.1343	-0.1343
0.825	*****	-0.2099	-0.1936	-0.1936	-0.1936	-0.1936	-0.1936	-0.1936	-0.1936	-0.1936
0.850	-0.1332	-0.2179	-0.2014	-0.2014	-0.2014	-0.2014	-0.2014	-0.2014	-0.2014	-0.2014
0.875	*****	-0.2183	-0.2171	-0.2571	-0.2571	-0.2571	-0.2571	-0.2571	-0.2571	-0.2571
0.900	-0.1071	-0.2110	-0.2410	-0.2410	-0.2410	-0.2410	-0.2410	-0.2410	-0.2410	-0.2410
0.925	*****	-0.1977	-0.2389	-0.3124	-0.3124	-0.3124	-0.3124	-0.3124	-0.3124	-0.3124
0.950	-0.0794	-0.1806	-0.2310	-0.3114	-0.3114	-0.3114	-0.3114	-0.3114	-0.3114	-0.3114
0.975	*****	-0.1643	-0.2070	-0.2848	-0.2848	-0.2848	-0.2848	-0.2848	-0.2848	-0.2848
1.000	-0.0410	-0.1992	-0.2392	-0.2428	-0.2428	-0.2428	-0.2428	-0.2428	-0.2428	-0.2428
$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0350	0.0493	0.1182	0.1182	0.1182	0.1182	0.1182	0.1182	0.1182	0.1182
-0.400	0.0251	0.0476	0.0810	0.0810	0.0810	0.0810	0.0810	0.0810	0.0810	0.0810
-0.600	0.0129	0.0437	0.0628	0.0628	0.0628	0.0628	0.0628	0.0628	0.0628	0.0628
-0.700	*****	0.0326	0.0545	-0.0250	-0.0250	-0.0250	-0.0250	-0.0250	-0.0250	-0.0250
-0.800	*****	*****	0.0359	-0.0241	-0.0241	-0.0241	-0.0241	-0.0241	-0.0241	-0.0241
-0.850	*****	0.0442	0.0353	-0.0284	-0.0284	-0.0284	-0.0284	-0.0284	-0.0284	-0.0284
-0.900	0.0946	0.0804	0.0484	-0.0228	-0.0228	-0.0228	-0.0228	-0.0228	-0.0228	-0.0228
-0.950	0.1298	0.1000	0.1129	0.0382	0.0382	0.0382	0.0382	0.0382	0.0382	0.0382
-0.975	*****	0.1782	0.1600	0.0996	0.0996	0.0996	0.0996	0.0996	0.0996	0.0996
-1.000	-0.0377	-0.1736	-0.2387	-0.3941	-0.3941	-0.3941	-0.3941	-0.3941	-0.3941	-0.3941

Small Radius L.E.
 Run No. = 40 , Point No. = 812
 $C_N = 0.115$, $C_m = -0.0212$
 $\alpha = 3.2^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.0912	*****
0.20	-0.0410	-0.0377
0.30	-0.1348	*****
0.40	-0.1992	-0.1736
0.50	-0.2927	*****
0.60	-0.2392	-0.2387
0.70	-0.4167	*****
0.80	-0.4284	-0.3941
0.90	-0.4241	*****
0.95	-0.3266	-0.3831

Surface Pressures

● upper, starboard
 ○ lower, port

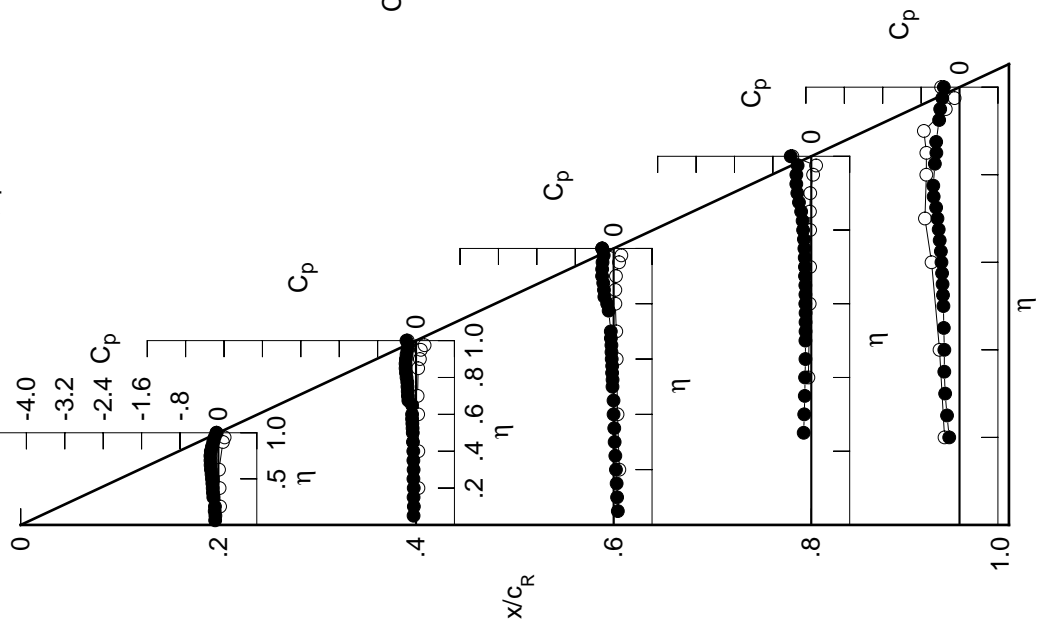


Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0853	-0.0624	0.0718	*****	*****	*****	*****	*****	*****	
0.100	-0.0834	-0.0644	0.0638	*****	*****	*****	*****	*****	*****	
0.150	-0.0881	-0.0639	0.0451	*****	*****	*****	*****	*****	*****	
0.200	-0.0924	-0.0638	0.0376	*****	*****	*****	*****	*****	-0.2191	
0.250	*****	-0.0693	0.0190	-0.1709	-0.2508	*****	*****	*****	*****	
0.300	-0.1328	-0.0693	0.0100	-0.1550	-0.2851	*****	*****	*****	*****	
0.350	-0.1424	-0.0741	-0.0024	-0.1503	-0.3173	*****	*****	*****	*****	
0.400	-0.1469	-0.0753	-0.0143	-0.1381	-0.3454	*****	*****	*****	*****	
0.450	-0.1538	-0.0834	-0.0207	-0.1349	-0.3581	*****	*****	*****	*****	
0.500	-0.1599	-0.0841	-0.0404	-0.1340	-0.3540	*****	*****	*****	*****	
0.525	*****	-0.0951	-0.0407	-0.1343	-0.3549	*****	*****	*****	*****	
0.550	-0.1686	-0.0963	-0.0518	-0.1355	-0.3471	*****	*****	*****	*****	
0.575	*****	-0.1074	-0.0524	-0.1404	-0.3494	*****	*****	*****	*****	
0.600	-0.1827	-0.1075	-0.0655	-0.1414	-0.3442	*****	*****	*****	*****	
0.625	*****	*****	-0.0681	-0.1380	-0.3481	*****	*****	*****	*****	
0.650	-0.1938	-0.1238	-0.0785	-0.1393	-0.3435	*****	*****	*****	*****	
0.675	*****	-0.1350	-0.0849	-0.1550	-0.3459	*****	*****	*****	*****	
0.700	-0.2001	-0.1443	-0.0959	-0.1523	-0.3359	*****	*****	*****	*****	
0.725	*****	-0.1844	*****	-0.1622	-0.3286	*****	*****	*****	*****	
0.750	-0.2013	-0.2213	*****	-0.1693	-0.2964	*****	*****	*****	*****	
0.775	*****	-0.2349	-0.1470	-0.1880	-0.2388	*****	*****	*****	*****	
0.800	-0.1966	-0.2435	-0.1725	-0.2017	*****	*****	*****	*****	*****	
0.825	*****	-0.2617	-0.2073	-0.2191	-0.2178	*****	*****	*****	*****	
0.850	-0.1805	-0.2745	-0.2370	-0.2495	-0.2371	*****	*****	*****	*****	
0.875	*****	-0.2795	-0.2722	-0.2870	-0.3210	*****	*****	*****	*****	
0.900	-0.1613	-0.2685	-0.2977	-0.3344	*****	*****	*****	*****	*****	
0.925	*****	-0.2672	-0.3108	-0.3711	-0.7904	*****	*****	*****	*****	
0.950	-0.1442	-0.2533	-0.3112	-0.3838	-0.5337	*****	*****	*****	*****	
0.975	*****	-0.2376	-0.2995	-0.3796	-0.4619	*****	*****	*****	*****	
1.000	-0.2134	-0.4500	-0.5393	-0.7092	-0.6337	*****	*****	*****	*****	
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.200	0.0586	0.0656	0.1290	*****	-0.3362	*****	*****	*****	*****	
-0.400	0.0463	0.0705	0.1002	-0.0495	-0.4395	*****	*****	*****	*****	
-0.600	0.0423	0.0687	0.0777	-0.0178	-0.6398	*****	*****	*****	*****	
-0.700	*****	0.0584	0.0787	-0.0134	-0.7193	*****	*****	*****	*****	
-0.800	*****	*****	0.0635	0.0008	-0.6760	*****	*****	*****	*****	
-0.850	*****	0.0782	0.0649	-0.0030	-0.6707	*****	*****	*****	*****	
-0.900	0.1264	0.1152	0.0860	0.0096	-0.7120	*****	*****	*****	*****	
-0.950	0.1578	0.1202	0.1456	0.0716	-0.2629	*****	*****	*****	*****	
-0.975	*****	0.1939	0.1797	0.1247	-0.0796	*****	*****	*****	*****	
-1.000	-0.2259	-0.4460	-0.5331	-0.7108	-0.6524	*****	*****	*****	*****	

Small Radius L.E.

Run No. = 40 , Point No. = 813

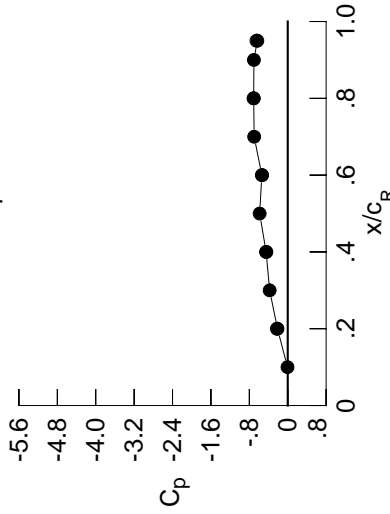
$C_N = 0.152$, $C_m = -0.0240$

$\alpha = 4.2^\circ$, $M_\infty = 0.829$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.0051	*****
0.20	-0.2134	-0.2259
0.30	-0.3770	*****
0.40	-0.4500	-0.4460
0.50	-0.5848	*****
0.60	-0.5393	-0.5331
0.70	-0.6995	*****
0.80	-0.7092	-0.7108
0.90	-0.7050	*****
0.95	-0.6337	-0.6524

Surface Pressures

● upper, starboard
○ lower, port

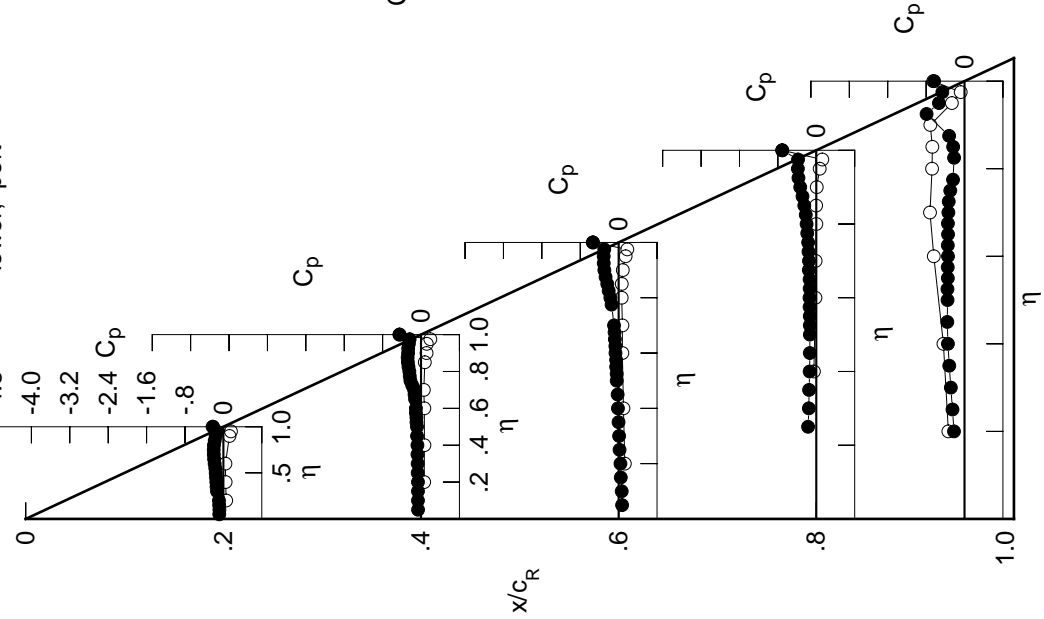


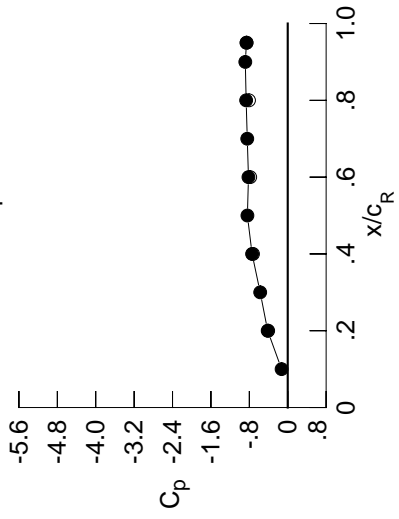
Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0992	-0.0820	0.0610	0.0610	0.0610	0.0610	0.0610	0.0610	0.0610	0.0610
0.100	-0.0963	-0.0829	0.0489	0.0489	0.0489	0.0489	0.0489	0.0489	0.0489	0.0489
0.150	-0.1085	-0.0821	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323
0.200	-0.1072	-0.0838	0.0218	0.0218	0.0218	0.0218	0.0218	0.0218	0.0218	0.0218
0.250	*****	-0.0885	0.0091	-0.1815	-0.1815	-0.1815	-0.1815	-0.1815	-0.1815	-0.1815
0.300	-0.1370	-0.0905	-0.0056	-0.1676	-0.1676	-0.1676	-0.1676	-0.1676	-0.1676	-0.1676
0.350	-0.1787	-0.0955	-0.0205	-0.1598	-0.1598	-0.1598	-0.1598	-0.1598	-0.1598	-0.1598
0.400	-0.1828	-0.0994	-0.0301	-0.1517	-0.1517	-0.1517	-0.1517	-0.1517	-0.1517	-0.1517
0.450	-0.1880	-0.1080	-0.0416	-0.1471	-0.1471	-0.1471	-0.1471	-0.1471	-0.1471	-0.1471
0.500	-0.1942	-0.1159	-0.0584	-0.1499	-0.1499	-0.1499	-0.1499	-0.1499	-0.1499	-0.1499
0.525	*****	-0.1234	-0.0631	-0.1480	-0.1480	-0.1480	-0.1480	-0.1480	-0.1480	-0.1480
0.550	-0.2019	-0.1335	-0.0722	-0.1511	-0.1511	-0.1511	-0.1511	-0.1511	-0.1511	-0.1511
0.575	*****	-0.1378	-0.0773	-0.1535	-0.1535	-0.1535	-0.1535	-0.1535	-0.1535	-0.1535
0.600	-0.2117	-0.1464	-0.0875	-0.1601	-0.1601	-0.1601	-0.1601	-0.1601	-0.1601	-0.1601
0.625	*****	*****	-0.0940	-0.1624	-0.1624	-0.1624	-0.1624	-0.1624	-0.1624	-0.1624
0.650	-0.2264	-0.1681	-0.1045	-0.1677	-0.1677	-0.1677	-0.1677	-0.1677	-0.1677	-0.1677
0.675	*****	-0.1877	-0.1147	-0.1793	-0.1793	-0.1793	-0.1793	-0.1793	-0.1793	-0.1793
0.700	-0.2359	-0.1997	-0.1252	-0.1870	-0.1870	-0.1870	-0.1870	-0.1870	-0.1870	-0.1870
0.725	*****	-0.2199	*****	-0.1927	-0.1927	-0.1927	-0.1927	-0.1927	-0.1927	-0.1927
0.750	-0.2446	-0.2416	*****	-0.2045	-0.2045	-0.2045	-0.2045	-0.2045	-0.2045	-0.2045
0.775	*****	-0.2644	-0.1829	-0.2204	-0.2204	-0.2204	-0.2204	-0.2204	-0.2204	-0.2204
0.800	-0.2451	-0.2856	-0.2116	-0.2386	-0.2386	-0.2386	-0.2386	-0.2386	-0.2386	-0.2386
0.825	*****	-0.3077	-0.2420	-0.2534	-0.2534	-0.2534	-0.2534	-0.2534	-0.2534	-0.2534
0.850	-0.2330	-0.3267	-0.2809	-0.2864	-0.2864	-0.2864	-0.2864	-0.2864	-0.2864	-0.2864
0.875	*****	-0.3375	-0.3198	-0.3237	-0.3237	-0.3237	-0.3237	-0.3237	-0.3237	-0.3237
0.900	-0.2197	-0.3387	-0.3596	-0.3793	-0.3793	-0.3793	-0.3793	-0.3793	-0.3793	-0.3793
0.925	*****	-0.3430	-0.3804	-0.4262	-0.4262	-0.4262	-0.4262	-0.4262	-0.4262	-0.4262
0.950	-0.2176	-0.3431	-0.3941	-0.4548	-0.4548	-0.4548	-0.4548	-0.4548	-0.4548	-0.4548
0.975	*****	-0.3493	-0.4035	-0.4803	-0.4803	-0.4803	-0.4803	-0.4803	-0.4803	-0.4803
1.000	-0.4177	-0.7425	-0.8181	-0.8665	-0.8665	-0.8665	-0.8665	-0.8665	-0.8665	-0.8665
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0788	0.0799	0.1455	*****	*****	0.3552	0.3552	0.3552	0.3552	0.3552
-0.600	0.0679	0.0860	0.1125	-0.0365	-0.4615	-0.4615	-0.4615	-0.4615	-0.4615	-0.4615
-0.700	0.0678	0.0879	0.0965	-0.0037	-0.6624	-0.6624	-0.6624	-0.6624	-0.6624	-0.6624
-0.800	*****	0.0824	0.0953	0.0048	-0.7119	-0.7119	-0.7119	-0.7119	-0.7119	-0.7119
-0.850	*****	*****	0.0875	0.0183	-0.6606	-0.6606	-0.6606	-0.6606	-0.6606	-0.6606
-0.900	*****	0.1094	0.0905	0.0197	-0.6536	-0.6536	-0.6536	-0.6536	-0.6536	-0.6536
-0.950	0.1529	0.1441	0.1155	0.0363	-0.6840	-0.6840	-0.6840	-0.6840	-0.6840	-0.6840
-0.975	0.1767	0.1308	0.1681	0.0988	-0.2453	-0.2453	-0.2453	-0.2453	-0.2453	-0.2453
-1.000	*****	0.1987	0.1875	0.1373	-0.0671	-0.0671	-0.0671	-0.0671	-0.0671	-0.0671
-1.000	-0.4070	-0.7234	-0.7813	-0.8068	-0.8564	-0.8564	-0.8564	-0.8564	-0.8564	-0.8564

Small Radius L.E.
 Run No. = 40 , Point No. = 814
 $C_N = 0.197$, $C_m = -0.0329$
 $\alpha = 5.2^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	-0.1281	*****
0.20	-0.4177	-0.4070
0.30	-0.5739	*****
0.40	-0.7425	-0.7234
0.50	-0.8402	*****
0.60	-0.8181	-0.7813
0.70	-0.8430	*****
0.80	-0.8665	-0.8068
0.90	-0.8838	*****
0.95	-0.8594	-0.8564

Surface Pressures

- upper, starboard
- lower, port

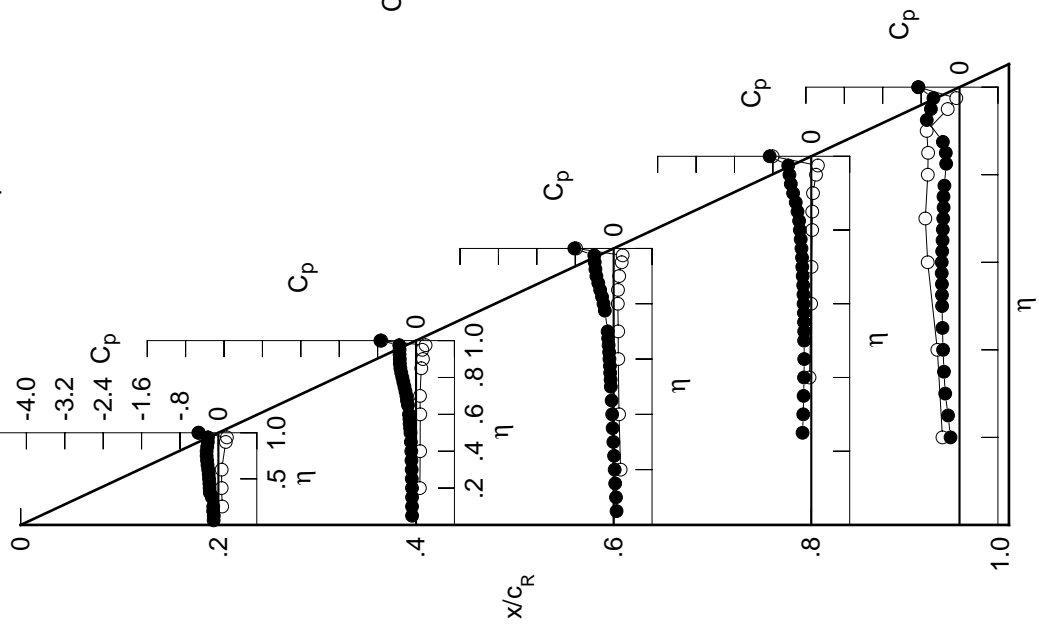
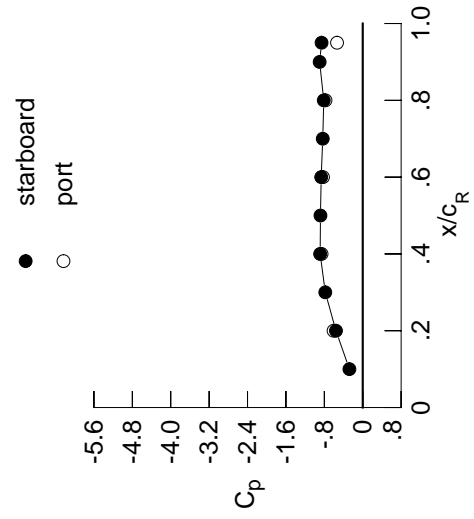


Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1097	-0.0989	0.0526	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1074	-0.0969	0.0360	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1195	-0.1004	0.0236	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1159	-0.1005	0.0109	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1066	-0.0035	-0.1925	-0.2376	*****	*****	*****	*****	*****
0.300	-0.1186	-0.1074	-0.0197	-0.1811	-0.2947	*****	*****	*****	*****	*****
0.350	-0.1339	-0.1148	-0.0313	-0.1730	-0.3266	*****	*****	*****	*****	*****
0.400	-0.1505	-0.1203	-0.0454	-0.1658	-0.3505	*****	*****	*****	*****	*****
0.450	-0.1750	-0.1327	-0.0559	-0.1610	-0.3569	*****	*****	*****	*****	*****
0.500	-0.2126	-0.1414	-0.0796	-0.1689	-0.3614	*****	*****	*****	*****	*****
0.525	*****	-0.1503	-0.0829	-0.1653	-0.3651	*****	*****	*****	*****	*****
0.550	-0.2303	-0.1592	-0.0955	-0.1675	-0.3583	*****	*****	*****	*****	*****
0.575	*****	-0.1646	-0.1004	-0.1742	-0.3508	*****	*****	*****	*****	*****
0.600	-0.2434	-0.1755	-0.1195	-0.1884	-0.3476	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1240	-0.1901	-0.3359	*****	*****	*****	*****	*****
0.650	-0.2597	-0.2013	-0.1308	-0.1905	-0.3246	*****	*****	*****	*****	*****
0.675	*****	-0.2221	-0.1429	-0.2013	-0.3215	*****	*****	*****	*****	*****
0.700	-0.2719	-0.2311	-0.1560	-0.2113	-0.3309	*****	*****	*****	*****	*****
0.725	*****	-0.2542	*****	-0.2282	-0.3368	*****	*****	*****	*****	*****
0.750	-0.2838	-0.2778	*****	-0.2328	-0.3575	*****	*****	*****	*****	*****
0.775	*****	-0.3029	-0.2195	-0.2404	-0.3711	*****	*****	*****	*****	*****
0.800	-0.2870	-0.3269	-0.2485	-0.2680	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3553	-0.2751	-0.2826	-0.4882	*****	*****	*****	*****	*****
0.850	-0.2778	-0.3788	-0.3112	-0.3229	-0.5391	*****	*****	*****	*****	*****
0.875	*****	-0.3965	-0.3536	-0.3594	-0.6204	*****	*****	*****	*****	*****
0.900	-0.2661	-0.4043	-0.3998	-0.4207	*****	*****	*****	*****	*****	*****
0.925	*****	-0.4144	-0.4354	-0.5140	-1.0067	*****	*****	*****	*****	*****
0.950	-0.2622	-0.4212	-0.5626	-0.6642	-0.6962	*****	*****	*****	*****	*****
0.975	*****	-0.5197	-0.7583	-0.7851	-0.7389	*****	*****	*****	*****	*****
1.000	-0.5578	-0.8870	-0.8651	-0.8118	-0.8574	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0949	0.1050	0.1604	*****	*****	-0.3667	*****	*****	*****	*****
-0.600	0.0947	0.1062	0.1304	-0.0203	-0.4824	*****	*****	*****	*****	*****
-0.700	0.0989	0.1123	0.1169	0.0112	-0.6570	*****	*****	*****	*****	*****
-0.800	*****	0.1089	0.1165	0.0250	-0.6937	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1123	0.0379	-0.6390	*****	*****	*****	*****	*****
-0.900	*****	0.1410	0.1205	0.0452	-0.6292	*****	*****	*****	*****	*****
-0.950	0.1799	0.1729	0.1454	0.0677	-0.6485	*****	*****	*****	*****	*****
-0.975	0.2027	0.1409	0.1879	0.1210	-0.2237	*****	*****	*****	*****	*****
-1.000	*****	0.1984	0.1921	0.1490	-0.0478	*****	*****	*****	*****	*****
	-0.6074	-0.8575	-0.8283	-0.7757	-0.5350	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 40 , Point No. = 815
 $C_N = 0.245$, $C_m = -0.0417$
 $\alpha = 6.3^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.2778	*****
0.20	-0.5578	-0.6074
0.30	-0.7800	*****
0.40	-0.8870	-0.8575
0.50	-0.8807	*****
0.60	-0.8651	-0.8283
0.70	-0.8330	*****
0.80	-0.8118	-0.7757
0.90	-0.8979	*****
0.95	-0.8574	-0.5350

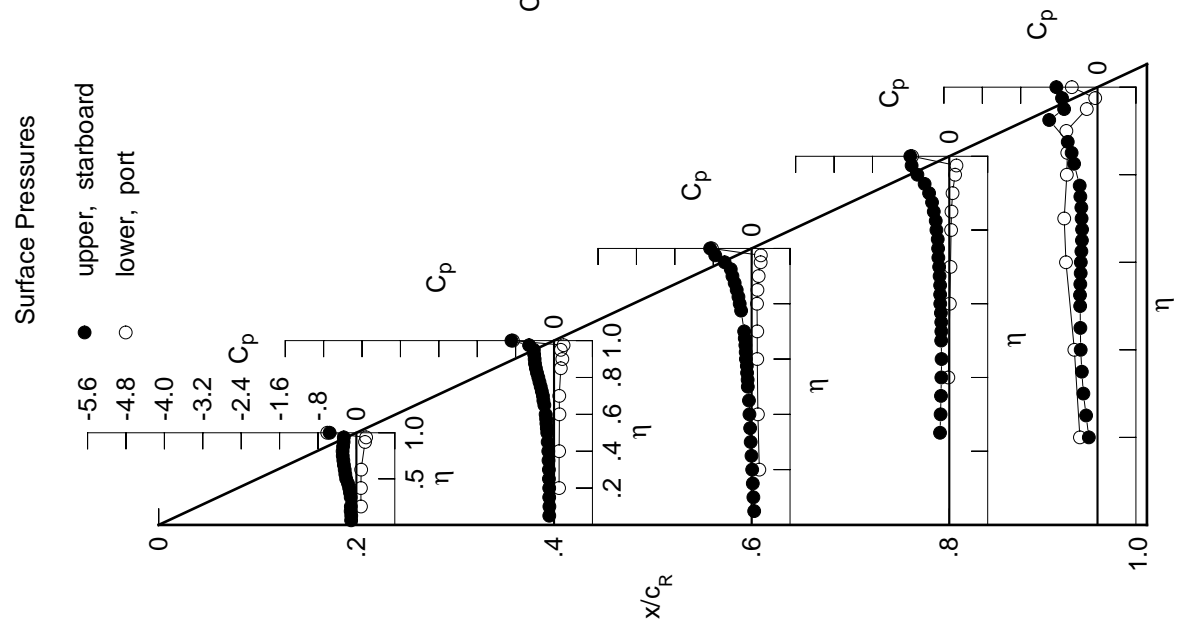
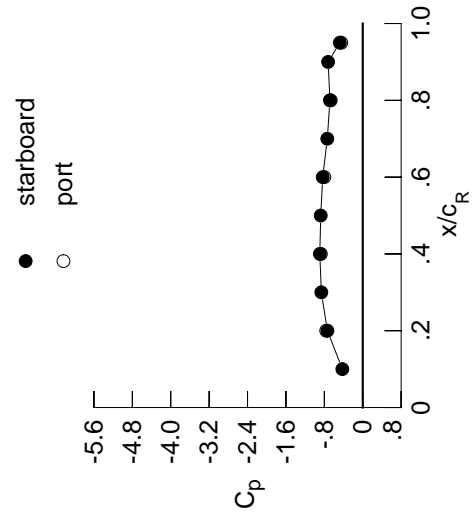


Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1379	-0.1194	0.0361	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1357	-0.1156	0.0216	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1473	-0.1183	0.0076	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1531	-0.1235	-0.0064	*****	*****	*****	*****	*****	*****	-0.1915
0.250	*****	-0.1269	-0.0202	-0.2107	-0.2371	*****	*****	*****	*****	*****
0.300	-0.1609	-0.1286	-0.0357	-0.1946	-0.2982	*****	*****	*****	*****	*****
0.350	-0.1767	-0.1381	-0.0524	-0.1896	-0.3374	*****	*****	*****	*****	*****
0.400	-0.1953	-0.1484	-0.0640	-0.1847	-0.3509	*****	*****	*****	*****	*****
0.450	-0.2120	-0.1595	-0.0827	-0.1872	-0.3033	*****	*****	*****	*****	*****
0.500	-0.2323	-0.1731	-0.1061	-0.1989	-0.2188	*****	*****	*****	*****	*****
0.525	*****	-0.1819	-0.1136	-0.1997	-0.2136	*****	*****	*****	*****	*****
0.550	-0.2515	-0.1926	-0.1248	-0.1918	-0.2167	*****	*****	*****	*****	*****
0.575	*****	-0.1981	-0.1317	-0.1962	-0.2383	*****	*****	*****	*****	*****
0.600	-0.2728	-0.2076	-0.1469	-0.1992	-0.2763	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1538	-0.2003	-0.3241	*****	*****	*****	*****	*****
0.650	-0.2927	-0.2348	-0.1603	-0.1973	-0.3675	*****	*****	*****	*****	*****
0.675	*****	-0.2562	-0.1675	-0.2029	-0.4044	*****	*****	*****	*****	*****
0.700	-0.3094	-0.2684	-0.1727	-0.2016	-0.4454	*****	*****	*****	*****	*****
0.725	*****	-0.2864	*****	-0.2080	-0.4794	*****	*****	*****	*****	*****
0.750	-0.3263	-0.3142	*****	-0.2169	-0.5161	*****	*****	*****	*****	*****
0.775	*****	-0.3426	-0.2292	-0.2302	-0.6089	*****	*****	*****	*****	*****
0.800	-0.3341	-0.3686	-0.2734	-0.3018	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3974	-0.3008	-0.4887	-0.8213	*****	*****	*****	*****	*****
0.850	-0.3342	-0.4239	-0.3576	-0.6131	-0.8188	*****	*****	*****	*****	*****
0.875	*****	-0.4388	-0.4937	-0.6668	-0.7381	*****	*****	*****	*****	*****
0.900	-0.3324	-0.4546	-0.6557	-0.6968	*****	*****	*****	*****	*****	*****
0.925	*****	-0.5392	-0.7546	-0.6946	-0.7179	*****	*****	*****	*****	*****
0.950	-0.3426	-0.7113	-0.7980	-0.6887	-0.6157	*****	*****	*****	*****	*****
0.975	*****	-0.8617	-0.7906	-0.6859	-0.5275	*****	*****	*****	*****	*****
1.000	-0.7359	-0.8939	-0.8334	-0.6834	-0.4778	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1168	0.1230	0.1744	*****	-0.3948	*****	*****	*****	*****	*****
-0.600	0.1182	0.1276	0.1464	-0.0079	-0.5365	*****	*****	*****	*****	*****
-0.700	0.1239	0.1329	0.1352	0.0283	-0.6631	*****	*****	*****	*****	*****
-0.800	*****	0.1343	0.1361	0.0379	-0.6651	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1351	0.0540	-0.6187	*****	*****	*****	*****	*****
-0.900	*****	0.1673	0.1450	0.0651	-0.6039	*****	*****	*****	*****	*****
-0.950	0.2025	0.1950	0.1688	0.0873	-0.6152	*****	*****	*****	*****	*****
-0.975	0.2194	0.1446	0.2021	0.1378	-0.2087	*****	*****	*****	*****	*****
-1.000	*****	0.1932	0.1923	0.1537	-0.0416	*****	*****	*****	*****	*****
	-0.7606	-0.8728	-0.8002	-0.6668	-0.4472	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 40 , Point No. = 816
 $C_N = 0.304$, $C_m = -0.0559$
 $\alpha = 7.3^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.4249	*****
0.20	-0.7359	-0.7606
0.30	-0.8626	*****
0.40	-0.8939	-0.8728
0.50	-0.8754	*****
0.60	-0.8334	-0.8002
0.70	-0.7380	*****
0.80	-0.6834	-0.6668
0.90	-0.7204	*****
0.95	-0.4778	-0.4472

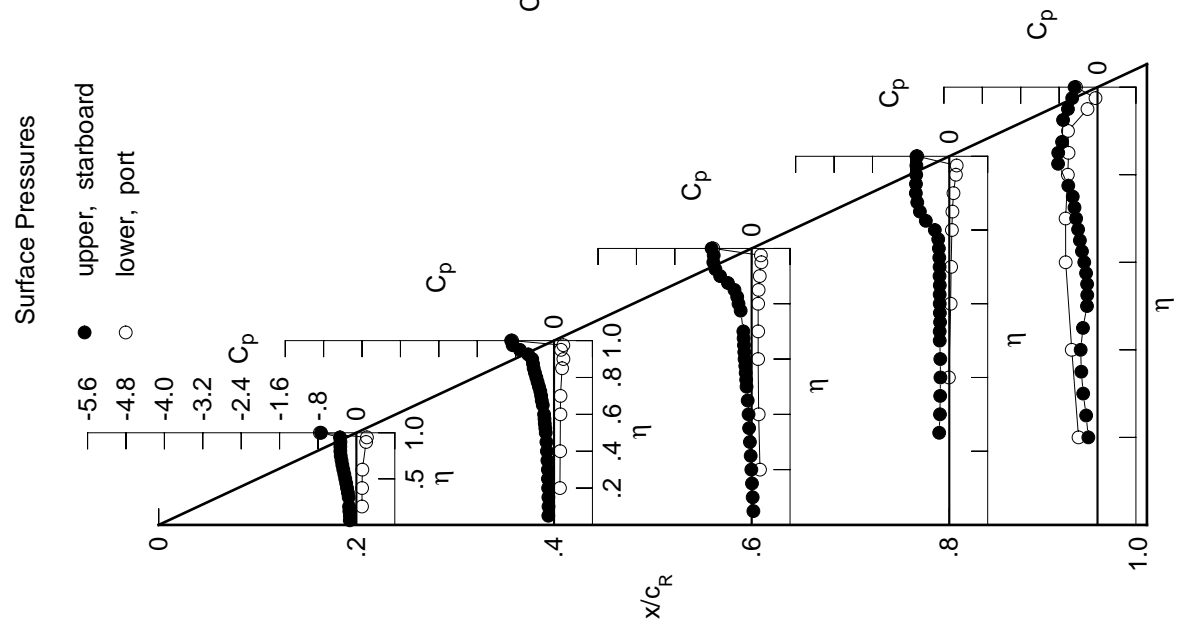


Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1582	-0.1336	0.0207	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1600	-0.1372	0.0104	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1685	-0.1360	-0.0080	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1787	-0.1423	-0.0200	*****	*****	*****	*****	*****	*****	-0.2286
0.250	*****	-0.1435	-0.0357	-0.2271	-0.2599	*****	*****	*****	*****	*****
0.300	-0.1831	-0.1502	-0.0543	-0.2102	-0.3049	*****	*****	*****	*****	*****
0.350	-0.1997	-0.1603	-0.0741	-0.2109	-0.2735	*****	*****	*****	*****	*****
0.400	-0.2184	-0.1727	-0.0898	-0.2116	-0.1584	*****	*****	*****	*****	*****
0.450	-0.2368	-0.1872	-0.1125	-0.2032	-0.1462	*****	*****	*****	*****	*****
0.500	-0.2567	-0.1969	-0.1296	-0.1994	-0.2134	*****	*****	*****	*****	*****
0.525	*****	-0.2089	-0.1301	-0.1963	-0.2742	*****	*****	*****	*****	*****
0.550	-0.2781	-0.2172	-0.1352	-0.1899	-0.3269	*****	*****	*****	*****	*****
0.575	*****	-0.2280	-0.1311	-0.1907	-0.3890	*****	*****	*****	*****	*****
0.600	-0.3035	-0.2311	-0.1415	-0.1925	-0.4430	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1436	-0.1856	-0.5012	*****	*****	*****	*****	*****
0.650	-0.3259	-0.2587	-0.1594	-0.1775	-0.5269	*****	*****	*****	*****	*****
0.675	*****	-0.2802	-0.1631	-0.1763	-0.5234	*****	*****	*****	*****	*****
0.700	-0.3468	-0.2949	-0.1672	-0.1546	-0.5138	*****	*****	*****	*****	*****
0.725	*****	-0.3113	*****	-0.1719	-0.6110	*****	*****	*****	*****	*****
0.750	-0.3668	-0.3349	*****	-0.3278	-0.8049	*****	*****	*****	*****	*****
0.775	*****	-0.3606	-0.2363	-0.6356	-0.9098	*****	*****	*****	*****	*****
0.800	-0.3801	-0.3773	-0.5138	-0.7928	*****	*****	*****	*****	*****	*****
0.825	*****	-0.4069	-0.6924	-0.8264	-0.8973	*****	*****	*****	*****	*****
0.850	-0.3859	-0.4810	-0.7770	-0.7934	-0.7517	*****	*****	*****	*****	*****
0.875	*****	-0.6333	-0.8197	-0.7282	-0.6582	*****	*****	*****	*****	*****
0.900	-0.3937	-0.7821	-0.8104	-0.6833	*****	*****	*****	*****	*****	*****
0.925	*****	-0.8688	-0.7753	-0.6519	-0.6432	*****	*****	*****	*****	*****
0.950	-0.4631	-0.9005	-0.7467	-0.6344	-0.5685	*****	*****	*****	*****	*****
0.975	*****	-0.8825	-0.7345	-0.6279	-0.5092	*****	*****	*****	*****	*****
1.000	-0.8443	-0.9014	-0.7669	-0.6257	-0.4405	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1445	0.1490	0.1951	*****	*****	-0.4055	*****	*****	*****	*****
-0.600	0.1421	0.1515	0.1670	0.0077	-0.5749	*****	*****	*****	*****	*****
-0.700	0.1539	0.1608	0.1567	0.0475	-0.6309	*****	*****	*****	*****	*****
-0.800	*****	0.1626	0.1608	0.0573	-0.6467	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1612	0.0789	-0.6019	*****	*****	*****	*****	*****
-0.900	*****	0.1956	0.1697	0.0861	-0.5860	*****	*****	*****	*****	*****
-0.950	0.2281	0.2197	0.1941	0.1111	-0.5865	*****	*****	*****	*****	*****
-0.975	0.2391	0.1517	0.2172	0.1534	-0.1972	*****	*****	*****	*****	*****
-1.000	*****	0.1901	0.1943	0.1579	-0.0359	*****	*****	*****	*****	*****
	-0.8258	-0.8848	-0.7589	-0.6206	-0.4498	*****	*****	*****	*****	*****

Small Radius L.E.

Run No. = 40 , Point No. = 817

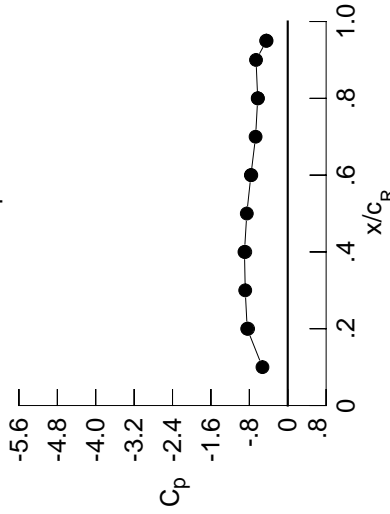
$C_N = 0.358$, $C_m = -0.0650$

$\alpha = 8.3^\circ$, $M_\infty = 0.828$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.5264	*****
0.20	-0.8443	-0.8258
0.30	-0.8853	*****
0.40	-0.9014	-0.8848
0.50	-0.8527	*****
0.60	-0.7669	-0.7589
0.70	-0.6694	*****
0.80	-0.6257	-0.6206
0.90	-0.6604	*****
0.95	-0.4405	-0.4498

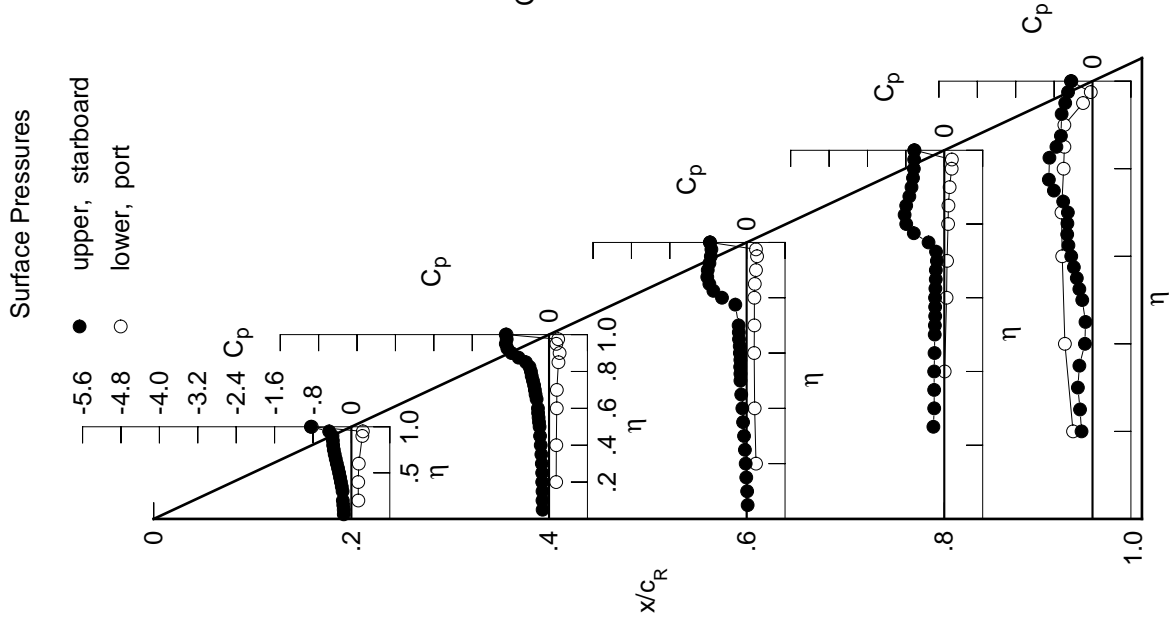
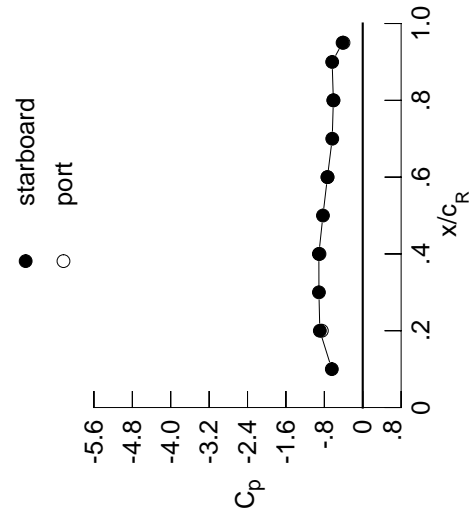


Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,l}$	$C_{p,l}$
0.050	-0.1769	-0.1563	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032
0.100	-0.1818	-0.1579	-0.0113	-0.0113	-0.0113	-0.0113	-0.0113	-0.0113	-0.0113	-0.0113
0.150	-0.1897	-0.1574	-0.0239	-0.0239	-0.0239	-0.0239	-0.0239	-0.0239	-0.0239	-0.0239
0.200	-0.1989	-0.1610	-0.0382	-0.0382	-0.0382	-0.0382	-0.0382	-0.0382	-0.0382	-0.0382
0.250	*****	-0.1662	-0.0564	-0.2397	-0.2397	-0.2397	-0.2397	-0.2397	-0.2397	-0.2397
0.300	-0.2081	-0.1773	-0.0818	-0.2344	-0.2344	-0.2344	-0.2344	-0.2344	-0.2344	-0.2344
0.350	-0.2255	-0.1905	-0.1114	-0.2389	-0.2389	-0.2389	-0.2389	-0.2389	-0.2389	-0.2389
0.400	-0.2460	-0.2092	-0.1118	-0.2146	-0.2146	-0.2146	-0.2146	-0.2146	-0.2146	-0.2146
0.450	-0.2631	-0.2148	-0.1213	-0.2049	-0.2049	-0.2049	-0.2049	-0.2049	-0.2049	-0.2049
0.500	-0.2857	-0.2223	-0.1303	-0.2003	-0.2003	-0.2003	-0.2003	-0.2003	-0.2003	-0.2003
0.525	*****	-0.2243	-0.1306	-0.1996	-0.1996	-0.1996	-0.1996	-0.1996	-0.1996	-0.1996
0.550	-0.3091	-0.2350	-0.1381	-0.1915	-0.1915	-0.1915	-0.1915	-0.1915	-0.1915	-0.1915
0.575	*****	-0.2348	-0.1388	-0.1903	-0.1903	-0.1903	-0.1903	-0.1903	-0.1903	-0.1903
0.600	-0.3339	-0.2418	-0.1440	-0.1838	-0.1838	-0.1838	-0.1838	-0.1838	-0.1838	-0.1838
0.625	*****	*****	-0.1452	-0.1757	-0.1757	-0.1757	-0.1757	-0.1757	-0.1757	-0.1757
0.650	-0.3595	-0.2614	-0.1411	-0.1600	-0.1600	-0.1600	-0.1600	-0.1600	-0.1600	-0.1600
0.675	*****	-0.2816	-0.1360	-0.1662	-0.1662	-0.1662	-0.1662	-0.1662	-0.1662	-0.1662
0.700	-0.3819	-0.3002	-0.1214	-0.2409	-0.2409	-0.2409	-0.2409	-0.2409	-0.2409	-0.2409
0.725	*****	-0.3073	*****	-0.4804	-0.4804	-0.4804	-0.4804	-0.4804	-0.4804	-0.4804
0.750	-0.4062	-0.3118	*****	-0.7627	-0.7627	-0.7627	-0.7627	-0.7627	-0.7627	-0.7627
0.775	*****	-0.3652	-0.8368	-0.9191	-1.0018	-1.0018	-1.0018	-1.0018	-1.0018	-1.0018
0.800	-0.4175	-0.5907	-0.9346	-0.9452	-0.9452	-0.9452	-0.9452	-0.9452	-0.9452	-0.9452
0.825	*****	-0.7732	-0.9257	-0.9287	-0.9287	-0.9287	-0.9287	-0.9287	-0.9287	-0.9287
0.850	-0.4227	-0.8802	-0.9033	-0.8174	-0.5858	-0.5858	-0.5858	-0.5858	-0.5858	-0.5858
0.875	*****	-0.9261	-0.8502	-0.7123	-0.5847	-0.5847	-0.5847	-0.5847	-0.5847	-0.5847
0.900	-0.5505	-0.9309	-0.7874	-0.6845	-0.6845	-0.6845	-0.6845	-0.6845	-0.6845	-0.6845
0.925	*****	-0.9235	-0.7414	-0.6396	-0.5863	-0.5863	-0.5863	-0.5863	-0.5863	-0.5863
0.950	-0.7815	-0.9019	-0.7180	-0.6255	-0.5212	-0.5212	-0.5212	-0.5212	-0.5212	-0.5212
0.975	*****	-0.8878	-0.7047	-0.6197	-0.4766	-0.4766	-0.4766	-0.4766	-0.4766	-0.4766
1.000	-0.8939	-0.9139	-0.7352	-0.6123	-0.4199	-0.4199	-0.4199	-0.4199	-0.4199	-0.4199
-0.200	$C_{p,l}$	0.1678	0.1659	0.2138	0.2138	0.2138	0.2138	0.2138	0.2138	0.2138
-0.400	0.1652	0.1755	0.1827	0.0239	-0.6574	-0.6574	-0.6574	-0.6574	-0.6574	-0.6574
-0.600	0.1811	0.1801	0.1764	0.0584	-0.6188	-0.6188	-0.6188	-0.6188	-0.6188	-0.6188
-0.700	*****	0.1888	0.1768	0.0725	-0.6393	-0.6393	-0.6393	-0.6393	-0.6393	-0.6393
-0.800	*****	*****	0.1826	0.0922	-0.5893	-0.5893	-0.5893	-0.5893	-0.5893	-0.5893
-0.850	*****	0.2202	0.1923	0.1031	-0.5697	-0.5697	-0.5697	-0.5697	-0.5697	-0.5697
-0.900	0.2496	0.2381	0.2133	0.1290	-0.5579	-0.5579	-0.5579	-0.5579	-0.5579	-0.5579
-0.950	0.2537	0.1522	0.2266	0.1641	-0.1855	-0.1855	-0.1855	-0.1855	-0.1855	-0.1855
-0.975	*****	0.1825	0.1898	0.1569	-0.0317	-0.0317	-0.0317	-0.0317	-0.0317	-0.0317
-1.000	-0.8521	-0.9011	-0.7326	-0.6096	-0.4007	-0.4007	-0.4007	-0.4007	-0.4007	-0.4007

Small Radius L.E.
 Run No. = 40 , Point No. = 818
 $C_N = 0.409$, $C_m = -0.0720$
 $\alpha = 9.3^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.6440	*****
0.20	-0.8939	-0.8521
0.30	-0.9125	*****
0.40	-0.9139	-0.9011
0.50	-0.8290	*****
0.60	-0.7352	-0.7326
0.70	-0.6356	*****
0.80	-0.6123	-0.6096
0.90	-0.6371	*****
0.95	-0.4199	-0.4007

Surface Pressures

● upper, starboard
 ○ lower, port

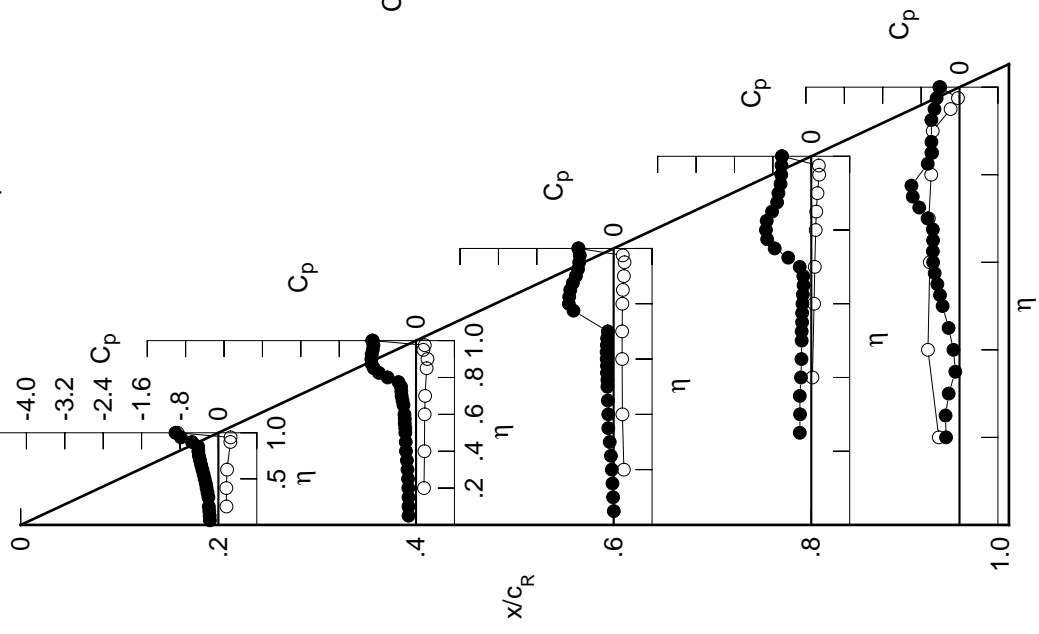
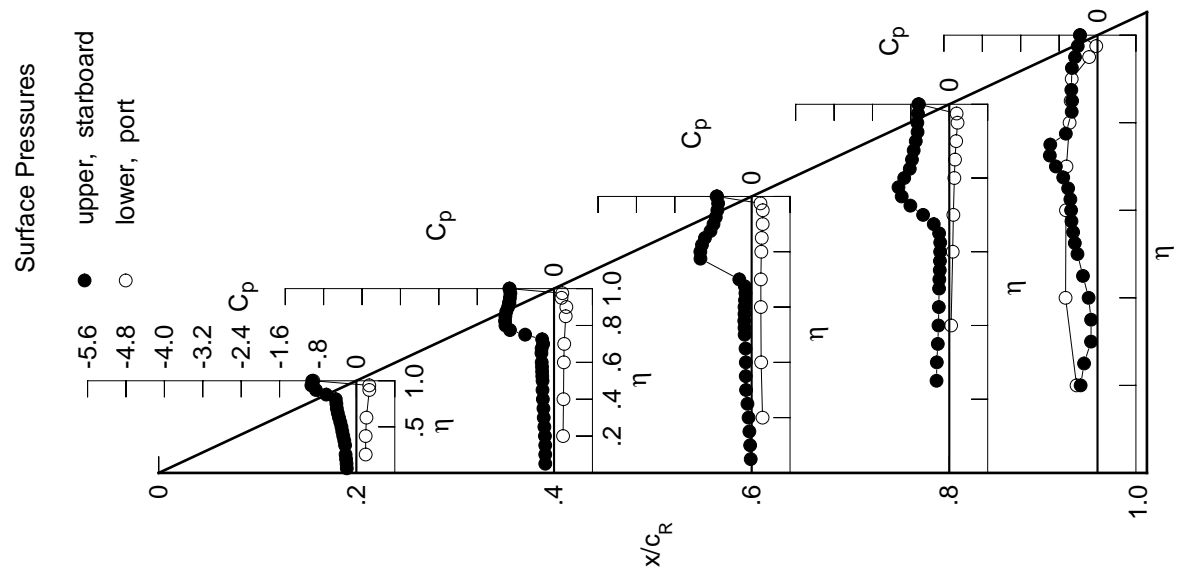
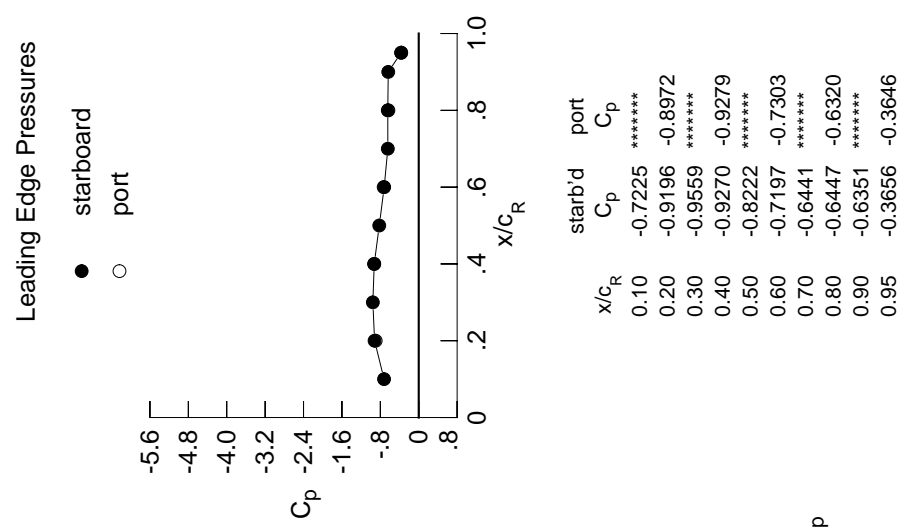


Table D4. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2001	-0.1821	-0.0189	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2049	-0.1830	-0.0315	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2156	-0.1835	-0.0469	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2250	-0.1895	-0.0638	*****	*****	*****	*****	*****	*****	-0.3517
0.250	*****	-0.2015	-0.0870	-0.2654	-0.2797	*****	*****	*****	*****	-0.2797
0.300	-0.2353	-0.2143	-0.1169	-0.2602	-0.1351	*****	*****	*****	*****	-0.1351
0.350	-0.2522	-0.2208	-0.1231	-0.2394	-0.1334	*****	*****	*****	*****	-0.1334
0.400	-0.2739	-0.2326	-0.1219	-0.2254	-0.1852	*****	*****	*****	*****	-0.1852
0.450	-0.2935	-0.2403	-0.1276	-0.2186	-0.3028	*****	*****	*****	*****	-0.3028
0.500	-0.3110	-0.2396	-0.1453	-0.2124	-0.4176	*****	*****	*****	*****	-0.4176
0.525	*****	-0.2451	-0.1490	-0.2075	-0.4730	*****	*****	*****	*****	-0.4730
0.550	-0.3352	-0.2483	-0.1535	-0.1983	-0.5079	*****	*****	*****	*****	-0.5079
0.575	*****	-0.2501	-0.1490	-0.1947	-0.5423	*****	*****	*****	*****	-0.5423
0.600	-0.3627	-0.2565	-0.1492	-0.1902	-0.5501	*****	*****	*****	*****	-0.5501
0.625	*****	*****	-0.1383	-0.1884	-0.5653	*****	*****	*****	*****	-0.5653
0.650	-0.3883	-0.2623	-0.1296	-0.2118	-0.6121	*****	*****	*****	*****	-0.6121
0.675	*****	-0.2585	-0.1427	-0.3242	-0.7140	*****	*****	*****	*****	-0.7140
0.700	-0.4080	-0.2263	-0.2579	-0.5460	-0.8672	*****	*****	*****	*****	-0.8672
0.725	*****	-0.2483	*****	-0.8103	-0.9937	*****	*****	*****	*****	-0.9937
0.750	-0.4169	-0.6012	*****	-0.9911	-0.9837	*****	*****	*****	*****	-0.9837
0.775	*****	-0.9174	-1.0667	-1.0583	-0.6596	*****	*****	*****	*****	-0.6596
0.800	-0.4296	-1.0118	-1.0689	-0.9392	*****	*****	*****	*****	*****	-0.9392
0.825	*****	-1.0210	-1.0347	-0.8230	-0.5377	*****	*****	*****	*****	-0.5377
0.850	-0.6282	-1.0136	-0.9730	-0.7779	-0.5297	*****	*****	*****	*****	-0.5297
0.875	*****	-0.9953	-0.8570	-0.7417	-0.5459	*****	*****	*****	*****	-0.5459
0.900	-0.8433	-0.9566	-0.7941	-0.6984	*****	*****	*****	*****	*****	-0.6984
0.925	*****	-0.9376	-0.7474	-0.6611	-0.5333	*****	*****	*****	*****	-0.5333
0.950	-0.9377	-0.9206	-0.7147	-0.6653	-0.4680	*****	*****	*****	*****	-0.4680
0.975	*****	-0.9095	-0.6986	-0.6518	-0.4117	*****	*****	*****	*****	-0.4117
1.000	-0.9196	-0.9270	-0.7197	-0.6447	-0.3656	*****	*****	*****	*****	-0.3656
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1939	0.1876	0.2271	*****	-0.4357	*****	*****	*****	*****	-0.4357
-0.600	0.1931	0.1969	0.1980	0.0373	-0.6655	*****	*****	*****	*****	-0.6655
-0.700	0.2092	0.2041	0.1919	0.0712	-0.6570	*****	*****	*****	*****	-0.6570
-0.800	*****	0.2118	0.1921	0.0845	-0.6476	*****	*****	*****	*****	-0.6476
-0.850	*****	*****	0.2015	0.1058	-0.5815	*****	*****	*****	*****	-0.5815
-0.900	*****	0.2433	0.2104	0.1193	-0.5594	*****	*****	*****	*****	-0.5594
-0.950	0.2689	0.2566	0.2293	0.1431	-0.5374	*****	*****	*****	*****	-0.5374
-0.975	0.2680	0.1549	0.2311	0.1721	-0.1753	*****	*****	*****	*****	-0.1753
-1.000	*****	0.1724	0.1831	0.1524	-0.0261	*****	*****	*****	*****	-0.0261
	-0.8972	-0.9279	-0.7303	-0.6320	-0.3646	*****	*****	*****	*****	-0.3646

Small Radius L.E.
 Run No. = 40 , Point No. = 819
 $C_N = 0.468$, $C_m = -0.0832$
 $\alpha = 10.4^\circ$, $M_\infty = 0.830$
 $R_{mac} = 6.0 \times 10^6$



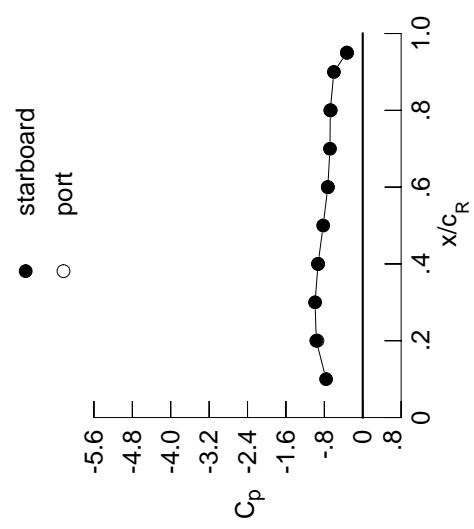
x/c_R	starb'd C_p	port C_p
0.10	-0.7225	*****
0.20	-0.9196	-0.8972
0.30	-0.9559	*****
0.40	-0.9270	-0.9279
0.50	-0.8222	*****
0.60	-0.7197	-0.7303
0.70	-0.6441	*****
0.80	-0.6447	-0.6320
0.90	-0.6351	*****
0.95	-0.3656	-0.3646

Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2193	-0.2102	-0.0373	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2237	-0.2077	-0.0528	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2392	-0.2114	-0.0665	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2480	-0.2250	-0.0937	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2398	-0.1107	-0.2834	-0.2118	*****	*****	*****	*****	*****
0.300	-0.2579	-0.2415	-0.1252	-0.2622	-0.1223	*****	*****	*****	*****	*****
0.350	-0.2748	-0.2390	-0.1282	-0.2517	-0.1623	*****	*****	*****	*****	*****
0.400	-0.3002	-0.2443	-0.1361	-0.2371	-0.2516	*****	*****	*****	*****	*****
0.450	-0.3197	-0.2592	-0.1416	-0.2279	-0.3745	*****	*****	*****	*****	*****
0.500	-0.3344	-0.2581	-0.1592	-0.2227	-0.4693	*****	*****	*****	*****	*****
0.525	*****	-0.2600	-0.1563	-0.2155	-0.5054	*****	*****	*****	*****	*****
0.550	-0.3525	-0.2637	-0.1603	-0.2094	-0.5220	*****	*****	*****	*****	*****
0.575	*****	-0.2653	-0.1477	-0.2118	-0.5468	*****	*****	*****	*****	*****
0.600	-0.3827	-0.2598	-0.1521	-0.2298	-0.5753	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1522	-0.2756	-0.6457	*****	*****	*****	*****	*****
0.650	-0.4024	-0.2265	-0.2082	-0.3889	-0.7634	*****	*****	*****	*****	*****
0.675	*****	-0.2144	-0.3879	-0.5972	-0.9005	*****	*****	*****	*****	*****
0.700	-0.3979	-0.3839	-0.7000	-0.8306	-1.0322	*****	*****	*****	*****	*****
0.725	*****	-0.8537	*****	-1.0284	-1.0342	*****	*****	*****	*****	*****
0.750	-0.4011	-1.1016	*****	-1.1282	-0.6443	*****	*****	*****	*****	*****
0.775	*****	-1.1595	-1.1701	-0.9950	-0.5469	*****	*****	*****	*****	*****
0.800	-0.6924	-1.1389	-1.1431	-0.7967	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1046	-1.0497	-0.7581	-0.5071	*****	*****	*****	*****	*****
0.850	-0.9246	-1.0668	-0.9068	-0.7693	-0.5042	*****	*****	*****	*****	*****
0.875	*****	-1.0180	-0.8453	-0.7504	-0.5127	*****	*****	*****	*****	*****
0.900	-0.9432	-0.9686	-0.8191	-0.7082	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9461	-0.7609	-0.6954	-0.4824	*****	*****	*****	*****	*****
0.950	-1.0065	-0.9303	-0.7313	-0.7007	-0.4155	*****	*****	*****	*****	*****
0.975	*****	-0.9188	-0.7148	-0.6877	-0.3698	*****	*****	*****	*****	*****
1.000	-0.9674	-0.9305	-0.7278	-0.6760	-0.3315	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2178	0.2135	0.2426	*****	-0.4647	*****	*****	*****	*****	*****
-0.600	0.2203	0.2186	0.2169	0.0496	-0.6693	*****	*****	*****	*****	*****
-0.700	0.2378	0.2288	0.2099	0.0848	-0.6637	*****	*****	*****	*****	*****
-0.800	*****	0.2374	0.2144	0.1000	-0.6448	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2206	0.1197	-0.5734	*****	*****	*****	*****	*****
-0.900	0.2885	0.2714	0.2289	0.1353	-0.5485	*****	*****	*****	*****	*****
-0.950	0.2805	0.1564	0.2471	0.1564	-0.5208	*****	*****	*****	*****	*****
-0.975	*****	0.1619	0.2349	0.1783	-0.1671	*****	*****	*****	*****	*****
-1.000	-0.9437	-0.9315	-0.7258	-0.6667	-0.3269	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 40 , Point No. = 820
 $C_N = 0.516$, $C_m = -0.0869$
 $\alpha = 11.4^\circ$, $M_\infty = 0.828$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.7636	*****
0.20	-0.9674	-0.9437
0.30	-0.9928	*****
0.40	-0.9305	-0.9315
0.50	-0.8240	*****
0.60	-0.7278	-0.7258
0.70	-0.6824	*****
0.80	-0.6760	-0.6667
0.90	-0.6012	*****
0.95	-0.3315	-0.3269

Surface Pressures

● upper, starboard
 ○ lower, port

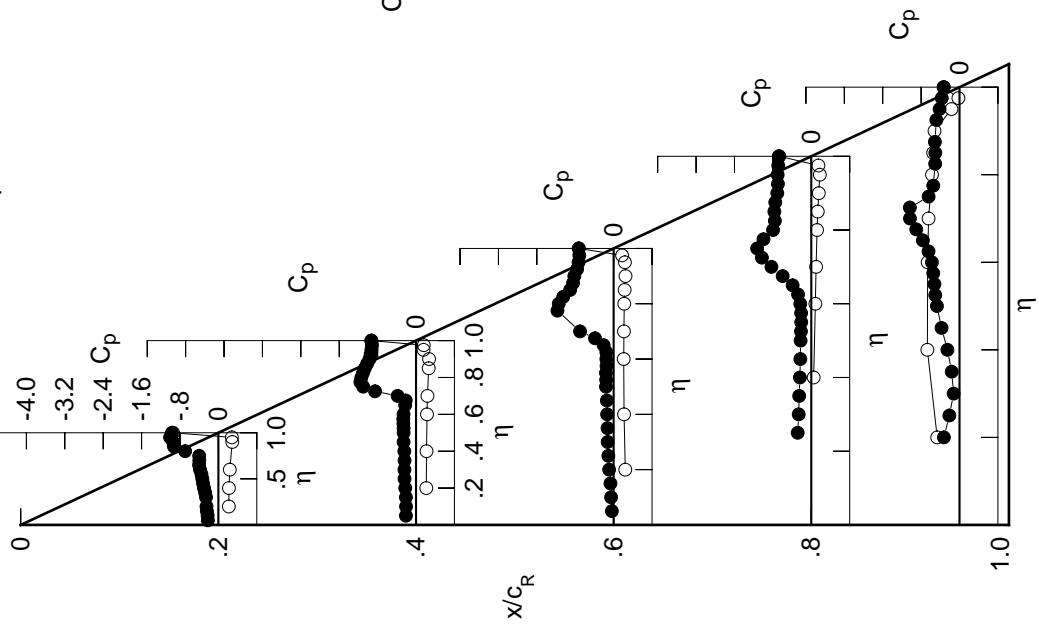
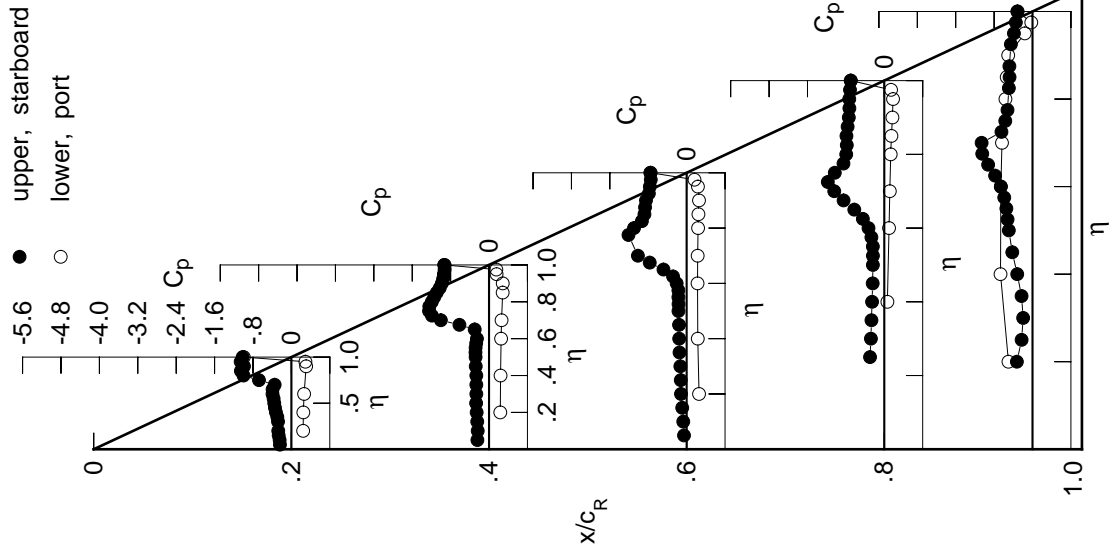


Table D4. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2388	-0.2424	-0.0553	*****	*****
0.100	-0.2445	-0.2357	-0.0707	*****	*****
0.150	-0.2650	-0.2455	-0.0922	*****	*****
0.200	-0.2735	-0.2573	-0.1175	*****	-0.3258
0.250	*****	-0.2688	-0.1224	-0.2966	-0.2272
0.300	-0.2784	-0.2649	-0.1313	-0.2780	-0.1951
0.350	-0.2926	-0.2651	-0.1486	-0.2676	-0.2280
0.400	-0.3219	-0.2647	-0.1548	-0.2548	-0.3186
0.450	-0.3426	-0.2770	-0.1583	-0.2420	-0.4216
0.500	-0.3567	-0.2800	-0.1707	-0.2377	-0.4935
0.525	*****	-0.2822	-0.1690	-0.2368	-0.5201
0.550	-0.3700	-0.2800	-0.1717	-0.2386	-0.5447
0.575	*****	-0.2669	-0.1720	-0.2686	-0.5885
0.600	-0.3936	-0.2519	-0.2077	-0.3289	-0.6608
0.625	*****	*****	-0.2829	-0.4460	-0.7791
0.650	-0.3923	-0.2987	-0.4827	-0.6248	-0.9249
0.675	*****	-0.6167	-0.7691	-0.8482	-1.0472
0.700	-0.3489	-1.0028	-1.0154	-1.0422	-1.0599
0.725	*****	-1.1895	*****	-1.1767	-0.6468
0.750	-0.6751	-1.2493	*****	-1.0314	-0.5669
0.775	*****	-1.2443	-1.2117	-0.8506	-0.5212
0.800	-0.9976	-1.1920	-1.0965	-0.7929	*****
0.825	*****	-1.1421	-0.9332	-0.7811	-0.4930
0.850	-1.0571	-1.0884	-0.8794	-0.7879	-0.4787
0.875	*****	-1.0275	-0.8665	-0.7642	-0.4816
0.900	-0.9881	-0.9828	-0.8471	-0.7396	*****
0.925	*****	-0.9560	-0.7875	-0.7268	-0.4505
0.950	-1.0571	-0.9405	-0.7662	-0.7293	-0.3870
0.975	*****	-0.9262	-0.7476	-0.7143	-0.3470
1.000	-1.0152	-0.9340	-0.7563	-0.6995	-0.3158
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2450	0.2346	0.2584	*****	-0.5012
-0.400	0.2486	0.2403	0.2321	0.0644	-0.6666
-0.600	0.2649	0.2513	0.2269	0.0991	-0.6589
-0.700	*****	0.2606	0.2297	0.1154	-0.6361
-0.800	*****	*****	0.2380	0.1337	-0.5641
-0.850	*****	0.2842	0.2456	0.1491	-0.5373
-0.900	0.3070	0.2854	0.2574	0.1697	-0.5063
-0.950	0.2923	0.1569	0.2353	0.1822	-0.1604
-0.975	*****	0.1518	0.1635	0.1412	-0.0255
-1.000	-0.9913	-0.9262	-0.7499	-0.6972	-0.3101

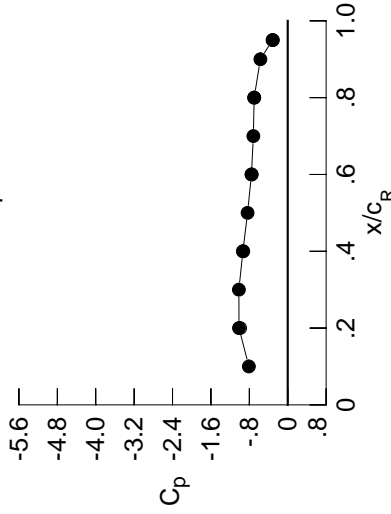
Surface Pressures



Small Radius L.E.
 Run No. = 40, Point No. = 821
 $C_N = 0.569$, $C_m = -0.0936$
 $\alpha = 12.4^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.8096	*****
0.20	-1.0152	-0.9913
0.30	-1.0179	*****
0.40	-0.9340	-0.9262
0.50	-0.8366	*****
0.60	-0.7563	-0.7499
0.70	-0.7158	*****
0.80	-0.6995	-0.6972
0.90	-0.5698	*****
0.95	-0.3158	-0.3101

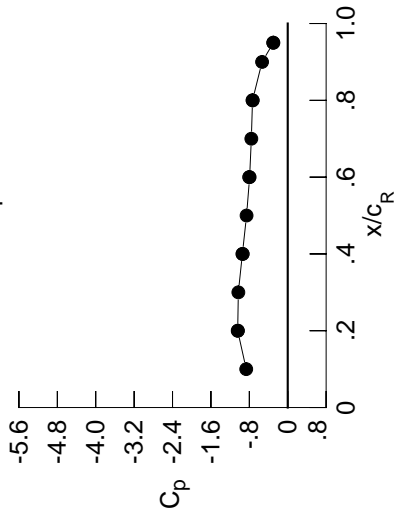
Table D4. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2575	-0.2718	-0.0762	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2696	-0.2692	-0.0907	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2900	-0.2800	-0.1156	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2976	-0.2891	-0.1290	*****	*****	*****	*****	*****	*****	-0.2865
0.250	*****	-0.2921	-0.1358	-0.3118	-0.1923	*****	*****	*****	*****	-0.1923
0.300	-0.2924	-0.2897	-0.1491	-0.2910	-0.1992	*****	*****	*****	*****	-0.1992
0.350	-0.3043	-0.2926	-0.1614	-0.2856	-0.2690	*****	*****	*****	*****	-0.2690
0.400	-0.3276	-0.2945	-0.1705	-0.2674	-0.3721	*****	*****	*****	*****	-0.3721
0.450	-0.3623	-0.2955	-0.1729	-0.2581	-0.4735	*****	*****	*****	*****	-0.4735
0.500	-0.3745	-0.2908	-0.1846	-0.2619	-0.5343	*****	*****	*****	*****	-0.5343
0.525	*****	-0.2876	-0.1861	-0.2737	-0.5728	*****	*****	*****	*****	-0.5728
0.550	-0.3742	-0.2840	-0.2054	-0.3015	-0.6131	*****	*****	*****	*****	-0.6131
0.575	*****	-0.2790	-0.2361	-0.3704	-0.6970	*****	*****	*****	*****	-0.6970
0.600	-0.3576	-0.3007	-0.3498	-0.4830	-0.8015	*****	*****	*****	*****	-0.8015
0.625	*****	*****	-0.5165	-0.6508	-0.9448	*****	*****	*****	*****	-0.9448
0.650	-0.3429	-0.7873	-0.7969	-0.8462	-1.0849	*****	*****	*****	*****	-1.0849
0.675	*****	-1.1102	-1.0481	-1.0492	-0.9710	*****	*****	*****	*****	-0.9710
0.700	-0.7547	-1.2542	-1.2256	-1.1955	-0.6455	*****	*****	*****	*****	-0.6455
0.725	*****	-1.2936	*****	-1.0072	-0.5730	*****	*****	*****	*****	-0.5730
0.750	-1.0438	-1.2989	*****	-0.8409	-0.5310	*****	*****	*****	*****	-0.5310
0.775	*****	-1.2779	-1.0835	-0.8106	-0.5036	*****	*****	*****	*****	-0.5036
0.800	-1.1145	-1.2108	-0.9462	-0.8126	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1492	-0.9020	-0.8210	-0.4718	*****	*****	*****	*****	-0.4718
0.850	-1.0953	-1.0850	-0.9009	-0.8240	-0.4533	*****	*****	*****	*****	-0.4533
0.875	*****	-1.0321	-0.9044	-0.7810	-0.4453	*****	*****	*****	*****	-0.4453
0.900	-1.0127	-0.9959	-0.8604	-0.7674	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9733	-0.8175	-0.7645	-0.4103	*****	*****	*****	*****	-0.4103
0.950	-1.0781	-0.9511	-0.8054	-0.7631	-0.3567	*****	*****	*****	*****	-0.3567
0.975	*****	-0.9412	-0.7884	-0.7497	-0.3272	*****	*****	*****	*****	-0.3272
1.000	-1.0426	-0.9447	-0.7938	-0.7337	-0.2989	*****	*****	*****	*****	-0.2989
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2720	0.2572	0.2763	*****	*****	*****	*****	*****	*****	-0.5505
-0.600	0.2761	0.2624	0.2504	0.0775	-0.6711	*****	*****	*****	*****	-0.6711
-0.700	0.2938	0.2743	0.2433	0.1116	-0.6542	*****	*****	*****	*****	-0.6542
-0.800	*****	0.2826	0.2492	0.1286	-0.6286	*****	*****	*****	*****	-0.6286
-0.850	*****	*****	0.2555	0.1473	-0.5545	*****	*****	*****	*****	-0.5545
-0.900	*****	0.3023	0.2610	0.1641	-0.5247	*****	*****	*****	*****	-0.5247
-0.950	0.3239	0.2976	0.2680	0.1820	-0.4901	*****	*****	*****	*****	-0.4901
-0.975	0.3030	0.1556	0.2351	0.1857	-0.1545	*****	*****	*****	*****	-0.1545
-1.000	*****	0.1395	0.1486	0.1316	-0.0274	*****	*****	*****	*****	-0.0274
-1.000	-1.0373	-0.9371	-0.8041	-0.7295	-0.3024	*****	*****	*****	*****	-0.3024

Small Radius L.E.
 Run No. = 40 , Point No. = 822
 $C_N = 0.619$, $C_m = -0.0998$
 $\alpha = 13.4^\circ$, $M_\infty = 0.830$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.8646	*****
0.20	-1.0426	-1.0373
0.30	-1.0291	*****
0.40	-0.9447	-0.9371
0.50	-0.8577	*****
0.60	-0.7938	-0.8041
0.70	-0.7581	*****
0.80	-0.7337	-0.7295
0.90	-0.5348	*****
0.95	-0.2989	-0.3024

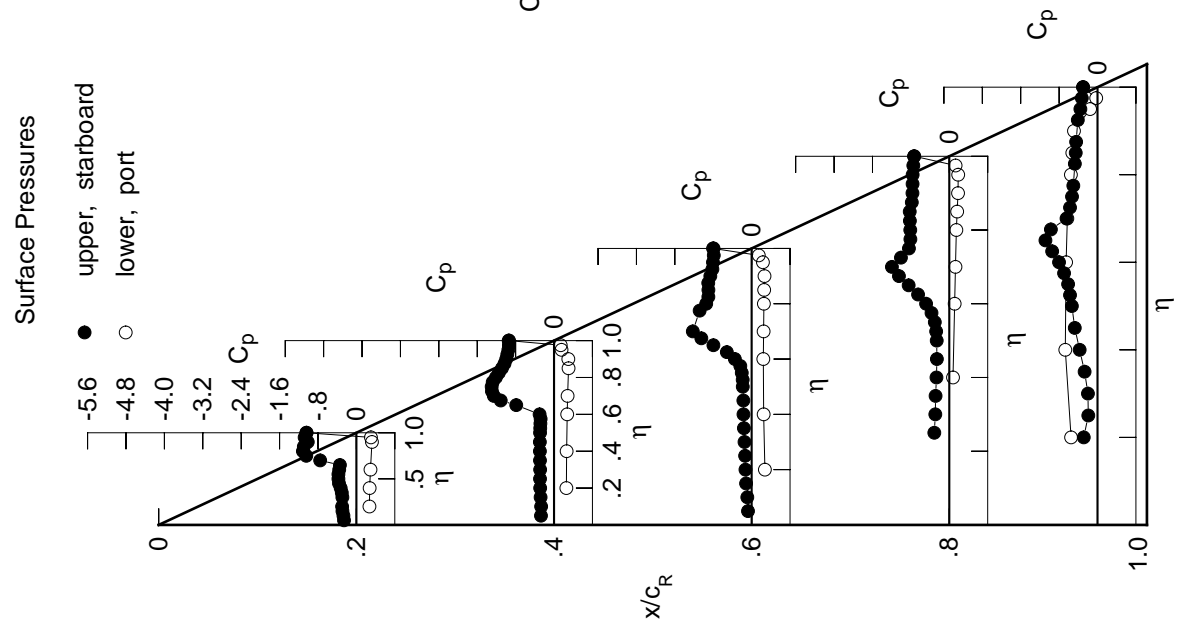
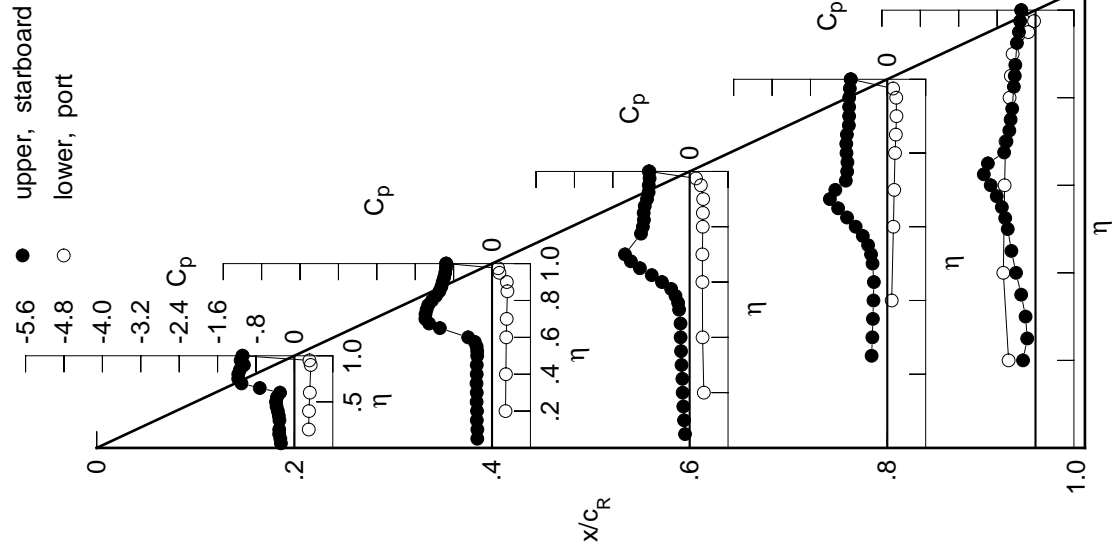


Table D4. Continued.

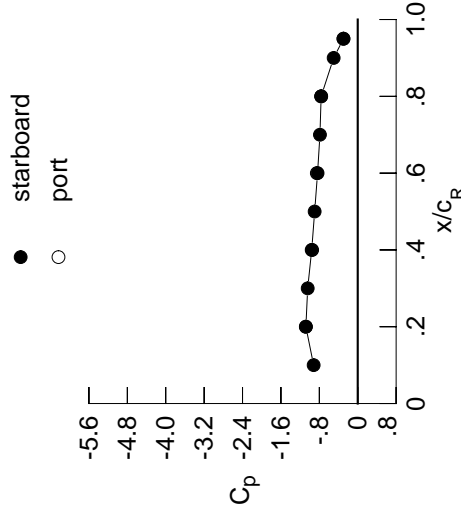
η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2807	-0.3068	-0.0961	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2925	-0.3053	-0.1169	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3169	-0.3178	-0.1322	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3159	-0.3136	-0.1454	*****	*****	*****	*****	*****	*****	-0.2604
0.250	*****	-0.3206	-0.1510	-0.3262	-0.1732	*****	*****	*****	*****	-0.1732
0.300	-0.3110	-0.3182	-0.1690	-0.3114	-0.2075	*****	*****	*****	*****	-0.2075
0.350	-0.3247	-0.3235	-0.1791	-0.2999	-0.2980	*****	*****	*****	*****	-0.2980
0.400	-0.3450	-0.3195	-0.1878	-0.2882	-0.4052	*****	*****	*****	*****	-0.4052
0.450	-0.3718	-0.3186	-0.1896	-0.2800	-0.5026	*****	*****	*****	*****	-0.5026
0.500	-0.3829	-0.3086	-0.2193	-0.3073	-0.5782	*****	*****	*****	*****	-0.5782
0.525	*****	-0.3088	-0.2398	-0.3382	-0.6310	*****	*****	*****	*****	-0.6310
0.550	-0.3629	-0.3207	-0.2956	-0.3988	-0.7018	*****	*****	*****	*****	-0.7018
0.575	*****	-0.3595	-0.3849	-0.5104	-0.8080	*****	*****	*****	*****	-0.8080
0.600	-0.2991	-0.4976	-0.5763	-0.6585	-0.9329	*****	*****	*****	*****	-0.9329
0.625	*****	*****	-0.7895	-0.8387	-1.0770	*****	*****	*****	*****	-1.0770
0.650	-0.7212	-1.0870	-1.0360	-1.0243	-0.9916	*****	*****	*****	*****	-0.9916
0.675	*****	-1.3111	-1.2242	-1.1970	-0.6543	*****	*****	*****	*****	-0.6543
0.700	-1.1017	-1.3892	-1.3471	-1.0822	-0.6049	*****	*****	*****	*****	-0.6049
0.725	*****	-1.3866	*****	-0.8637	-0.5456	*****	*****	*****	*****	-0.5456
0.750	-1.1703	-1.3632	*****	-0.8359	-0.5180	*****	*****	*****	*****	-0.5180
0.775	*****	-1.3284	-1.0139	-0.8306	-0.4860	*****	*****	*****	*****	-0.4860
0.800	-1.1688	-1.2515	-0.9742	-0.8499	*****	*****	*****	*****	*****	-0.8499
0.825	*****	-1.1683	-0.9532	-0.8541	-0.4514	*****	*****	*****	*****	-0.4514
0.850	-1.1332	-1.0966	-0.9575	-0.8417	-0.4316	*****	*****	*****	*****	-0.4316
0.875	*****	-1.0554	-0.9350	-0.8008	-0.4207	*****	*****	*****	*****	-0.4207
0.900	-1.0511	-1.0286	-0.8877	-0.7956	*****	*****	*****	*****	*****	-0.7956
0.925	*****	-0.9987	-0.8543	-0.7955	-0.3869	*****	*****	*****	*****	-0.3869
0.950	-1.1202	-0.9749	-0.8515	-0.7945	-0.3453	*****	*****	*****	*****	-0.3453
0.975	*****	-0.9613	-0.8346	-0.7801	-0.3208	*****	*****	*****	*****	-0.3208
1.000	-1.0803	-0.9588	-0.8371	-0.7624	-0.2963	*****	*****	*****	*****	-0.2963
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2996	0.2812	0.2958	*****	*****	*****	*****	*****	*****	-0.5605
-0.600	0.3038	0.2884	0.2698	0.0917	-0.6701	*****	*****	*****	*****	-0.6701
-0.700	0.3214	0.2963	0.2661	0.1273	-0.6441	*****	*****	*****	*****	-0.6441
-0.800	*****	0.3056	0.2657	0.1438	-0.6237	*****	*****	*****	*****	-0.6237
-0.850	*****	*****	0.2733	0.1613	-0.5407	*****	*****	*****	*****	-0.5407
-0.900	0.3403	0.3079	0.2758	0.1785	-0.5148	*****	*****	*****	*****	-0.5148
-0.950	0.3127	0.1545	0.2338	0.1861	-0.1498	*****	*****	*****	*****	-0.1498
-0.975	*****	0.1260	0.1326	0.1211	-0.0307	*****	*****	*****	*****	-0.0307
-1.000	-1.0820	-0.9492	-0.8517	-0.7605	-0.2985	*****	*****	*****	*****	-0.2985

Surface Pressures



Small Radius L.E.
 Run No. = 40 , Point No. = 823
 $C_N = 0.669$, $C_m = -0.1053$
 $\alpha = 14.5^\circ$, $M_\infty = 0.828$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



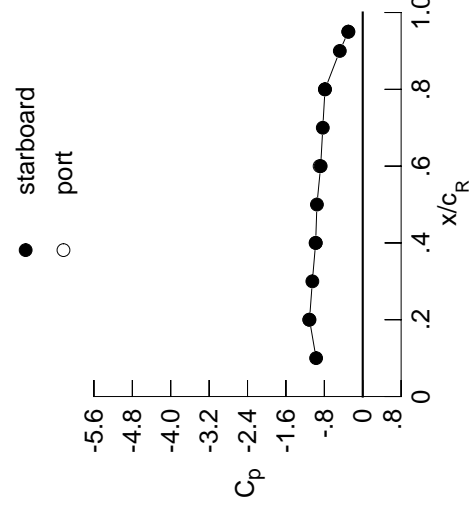
x/c_R	starb'd C_p	port C_p
0.10	-0.9187	*****
0.20	-1.0803	-1.0820
0.30	-1.0427	*****
0.40	-0.9588	-0.9492
0.50	-0.8974	*****
0.60	-0.8371	-0.8517
0.70	-0.7870	*****
0.80	-0.7624	-0.7605
0.90	-0.5014	*****
0.95	-0.2963	-0.2985

Table D4. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.3085	-0.3382	-0.1187	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3234	-0.3377	-0.1381	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3380	-0.3485	-0.1482	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3355	-0.3457	-0.1607	*****	*****	*****	*****	*****	*****	-0.2777
0.250	*****	-0.3498	-0.1703	-0.3576	-0.3576	-0.1959	*****	*****	*****	-0.1959
0.300	-0.3308	-0.3484	-0.1909	-0.3379	-0.2371	*****	*****	*****	*****	-0.2371
0.350	-0.3490	-0.3483	-0.2006	-0.3297	-0.3306	*****	*****	*****	*****	-0.3306
0.400	-0.3683	-0.3503	-0.2142	-0.3219	-0.4308	*****	*****	*****	*****	-0.4308
0.450	-0.3816	-0.3442	-0.2245	-0.3269	-0.5348	*****	*****	*****	*****	-0.5348
0.500	-0.3788	-0.3443	-0.2823	-0.3865	-0.6306	*****	*****	*****	*****	-0.6306
0.525	*****	-0.3630	-0.3399	-0.4439	-0.6988	*****	*****	*****	*****	-0.6988
0.550	-0.3383	-0.4104	-0.4402	-0.5401	-0.7937	*****	*****	*****	*****	-0.7937
0.575	*****	-0.5338	-0.5827	-0.6792	-0.9170	*****	*****	*****	*****	-0.9170
0.600	-0.3949	-0.7532	-0.8015	-0.8392	-1.0494	*****	*****	*****	*****	-1.0494
0.625	*****	*****	-0.9999	-1.0132	-1.0612	*****	*****	*****	*****	-1.0612
0.650	-1.1024	-1.2760	-1.2048	-1.1696	-0.6590	*****	*****	*****	*****	-0.6590
0.675	*****	-1.4421	-1.3505	-1.2161	-0.6348	*****	*****	*****	*****	-0.6348
0.700	-1.2712	-1.5035	-1.3556	-0.9238	-0.5971	*****	*****	*****	*****	-0.5971
0.725	*****	-1.4787	*****	-0.8744	-0.5520	*****	*****	*****	*****	-0.5520
0.750	-1.2731	-1.4099	*****	-0.8653	-0.5217	*****	*****	*****	*****	-0.5217
0.775	*****	-1.3617	-1.0405	-0.8764	-0.4912	*****	*****	*****	*****	-0.4912
0.800	-1.2310	-1.2468	-1.0448	-0.8983	-0.4429	*****	*****	*****	*****	-0.4429
0.825	*****	-1.1541	-1.0554	-0.8916	*****	*****	*****	*****	*****	*****
0.850	-1.1673	-1.1169	-1.0395	-0.8749	-0.4197	*****	*****	*****	*****	-0.4197
0.875	*****	-1.1025	-0.9773	-0.8228	-0.4124	*****	*****	*****	*****	-0.4124
0.900	-1.0905	-1.0747	-0.9270	-0.8209	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0270	-0.9018	-0.8194	-0.3842	*****	*****	*****	*****	-0.3842
0.950	-1.1431	-1.0004	-0.8955	-0.8173	-0.3436	*****	*****	*****	*****	-0.3436
0.975	*****	-0.9899	-0.8818	-0.8047	-0.3249	*****	*****	*****	*****	-0.3249
1.000	-1.1086	-0.9809	-0.8763	-0.7861	-0.3020	*****	*****	*****	*****	-0.3020
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3295	0.3080	0.3122	*****	-0.5681	*****	*****	*****	*****	-0.5681
-0.600	0.3335	0.3086	0.2872	0.1088	-0.6583	*****	*****	*****	*****	-0.6583
-0.700	0.3502	0.3229	0.2823	0.1446	-0.6392	*****	*****	*****	*****	-0.6392
-0.800	*****	0.3253	0.2860	0.1583	-0.6109	*****	*****	*****	*****	-0.6109
-0.850	*****	*****	0.2901	0.1791	-0.5315	*****	*****	*****	*****	-0.5315
-0.900	*****	0.3360	0.2915	0.1915	-0.5010	*****	*****	*****	*****	-0.5010
-0.950	0.3571	0.3174	0.2918	0.1982	-0.4594	*****	*****	*****	*****	-0.4594
-0.975	0.3227	0.1539	0.2315	0.1872	-0.1439	*****	*****	*****	*****	-0.1439
-1.000	*****	0.1117	0.1175	0.1096	-0.0338	*****	*****	*****	*****	-0.0338
-1.000	-1.1153	-0.9794	-0.8988	-0.7878	-0.2981	*****	*****	*****	*****	-0.2981

Small Radius L.E.
 Run No. = 40 , Point No. = 824
 $C_N = 0.722$, $C_m = -0.1125$
 $\alpha = 15.5^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.9715	*****
0.20	-1.1086	-1.1153
0.30	-1.0496	*****
0.40	-0.9809	-0.9794
0.50	-0.9542	*****
0.60	-0.8763	-0.8988
0.70	-0.8320	*****
0.80	-0.7861	-0.7878
0.90	-0.4780	*****
0.95	-0.3020	-0.2981

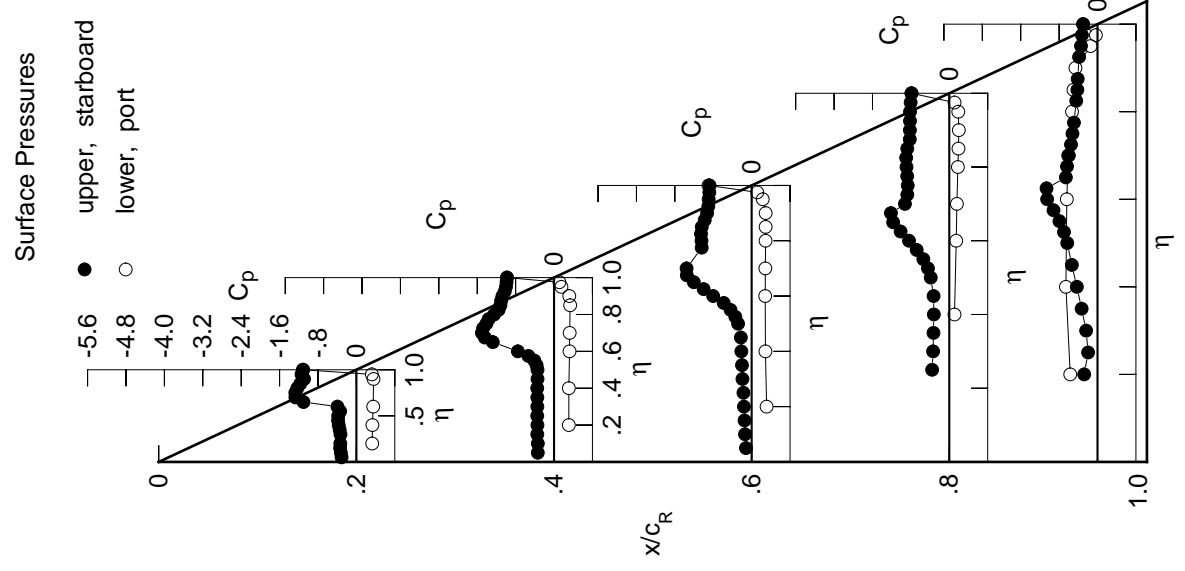


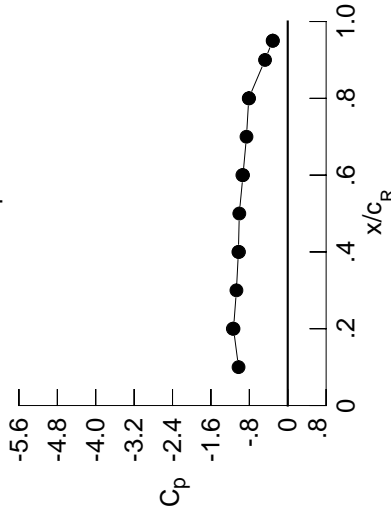
Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3382	-0.3739	-0.1445	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3532	-0.3816	-0.1598	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3590	-0.3804	-0.1711	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3634	-0.3819	-0.1830	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3825	-0.1982	-0.3929	-0.3929	-0.3929	-0.3929	-0.3929	-0.3929	-0.3929
0.300	-0.3542	-0.3843	-0.2138	-0.3726	-0.3726	-0.3726	-0.3726	-0.3726	-0.3726	-0.3726
0.350	-0.3740	-0.3851	-0.2317	-0.3691	-0.3691	-0.3691	-0.3691	-0.3691	-0.3691	-0.3691
0.400	-0.3927	-0.3860	-0.2492	-0.3641	-0.3641	-0.3641	-0.3641	-0.3641	-0.3641	-0.3641
0.450	-0.3975	-0.3892	-0.2772	-0.3948	-0.3948	-0.3948	-0.3948	-0.3948	-0.3948	-0.3948
0.500	-0.3817	-0.4118	-0.3818	-0.4939	-0.4939	-0.4939	-0.4939	-0.4939	-0.4939	-0.4939
0.525	*****	-0.4693	-0.4761	-0.5807	-0.5807	-0.5807	-0.5807	-0.5807	-0.5807	-0.5807
0.550	-0.3491	-0.5768	-0.6163	-0.7003	-0.7003	-0.7003	-0.7003	-0.7003	-0.7003	-0.7003
0.575	*****	-0.7647	-0.7850	-0.8494	-0.8494	-0.8494	-0.8494	-0.8494	-0.8494	-0.8494
0.600	-0.6963	-1.0028	-0.9968	-1.0023	-1.0023	-1.0023	-1.0023	-1.0023	-1.0023	-1.0023
0.625	*****	*****	-1.1711	-1.1552	-1.1552	-1.1552	-1.1552	-1.1552	-1.1552	-1.1552
0.650	-1.3130	-1.4006	-1.3366	-1.2858	-1.2858	-1.2858	-1.2858	-1.2858	-1.2858	-1.2858
0.675	*****	-1.5349	-1.3799	-1.0709	-1.0709	-1.0709	-1.0709	-1.0709	-1.0709	-1.0709
0.700	-1.3915	-1.5876	-1.0996	-0.9370	-0.9370	-0.9370	-0.9370	-0.9370	-0.9370	-0.9370
0.725	*****	-1.5693	*****	-0.9180	-0.9180	-0.9180	-0.9180	-0.9180	-0.9180	-0.9180
0.750	-1.3708	-1.4281	*****	-0.9132	-0.9132	-0.9132	-0.9132	-0.9132	-0.9132	-0.9132
0.775	*****	-1.3020	-1.0543	-0.9207	-0.9207	-0.9207	-0.9207	-0.9207	-0.9207	-0.9207
0.800	-1.3039	-1.2017	-1.0665	-0.9335	-0.9335	-0.9335	-0.9335	-0.9335	-0.9335	-0.9335
0.825	*****	-1.1679	-1.0799	-0.9402	-0.9402	-0.9402	-0.9402	-0.9402	-0.9402	-0.9402
0.850	-1.2190	-1.1631	-1.0518	-0.9179	-0.9179	-0.9179	-0.9179	-0.9179	-0.9179	-0.9179
0.875	*****	-1.1642	-0.9940	-0.8537	-0.8537	-0.8537	-0.8537	-0.8537	-0.8537	-0.8537
0.900	-1.1326	-1.1130	-0.9717	-0.8411	-0.8411	-0.8411	-0.8411	-0.8411	-0.8411	-0.8411
0.925	*****	-1.0576	-0.9623	-0.8399	-0.8399	-0.8399	-0.8399	-0.8399	-0.8399	-0.8399
0.950	-1.1578	-1.0425	-0.9570	-0.8387	-0.8387	-0.8387	-0.8387	-0.8387	-0.8387	-0.8387
0.975	*****	-1.0347	-0.9386	-0.8292	-0.8292	-0.8292	-0.8292	-0.8292	-0.8292	-0.8292
1.000	-1.1294	-1.0278	-0.9323	-0.8121	-0.8121	-0.8121	-0.8121	-0.8121	-0.8121	-0.8121
$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3553	0.3246	0.3291	*****	*****	*****	*****	*****	*****	*****
-0.400	0.3604	0.3288	0.3061	0.1195	0.1195	0.1195	0.1195	0.1195	0.1195	0.1195
-0.600	0.3758	0.3419	0.2957	0.1595	0.1595	0.1595	0.1595	0.1595	0.1595	0.1595
-0.700	*****	0.3464	0.3020	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703	0.1703
-0.800	*****	*****	0.3059	0.1926	0.1926	0.1926	0.1926	0.1926	0.1926	0.1926
-0.850	*****	0.3501	0.3045	0.2038	0.2038	0.2038	0.2038	0.2038	0.2038	0.2038
-0.900	0.3699	0.3243	0.2962	0.2112	0.2112	0.2112	0.2112	0.2112	0.2112	0.2112
-0.950	0.3291	0.1498	0.2258	0.1857	0.1857	0.1857	0.1857	0.1857	0.1857	0.1857
-0.975	*****	0.0958	0.0988	0.0972	0.0972	0.0972	0.0972	0.0972	0.0972	0.0972
-1.000	-1.1430	-1.0158	-0.9452	-0.8063	-0.8063	-0.8063	-0.8063	-0.8063	-0.8063	-0.8063

Small Radius L.E.
 Run No. = 40 , Point No. = 825
 $C_N = 0.776$, $C_m = -0.1192$
 $\alpha = 16.5^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0247	*****
0.20	-1.1294	-1.1430
0.30	-1.0688	*****
0.40	-1.0278	-1.0158
0.50	-1.0090	*****
0.60	-0.9323	-0.9452
0.70	-0.8593	*****
0.80	-0.8121	-0.8063
0.90	-0.4729	*****
0.95	-0.3146	-0.3086

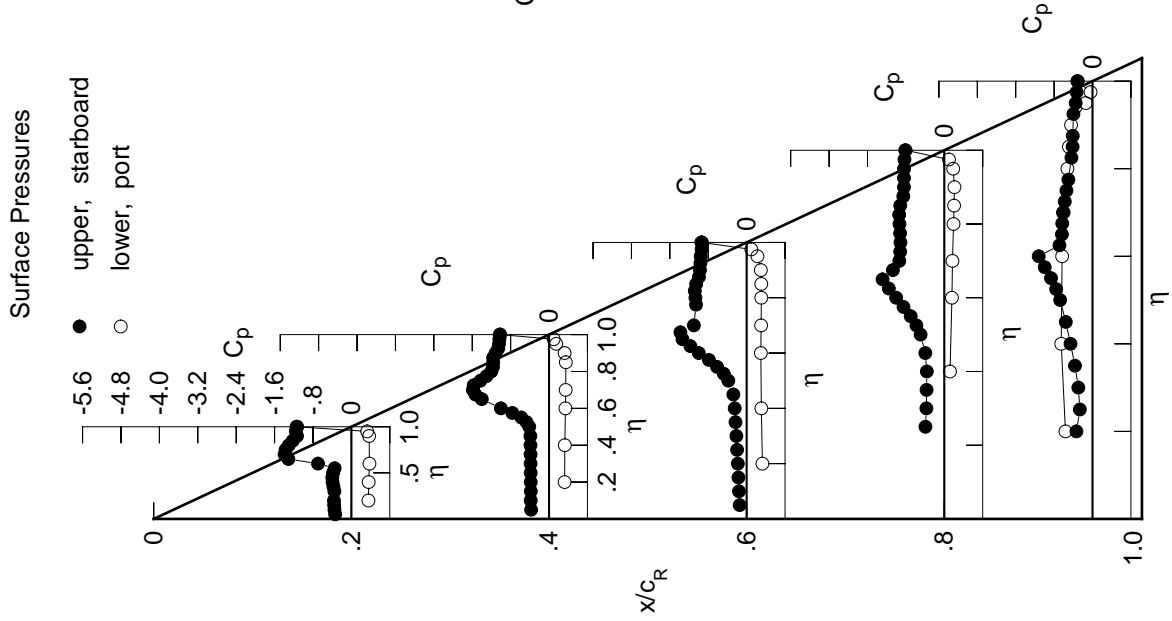


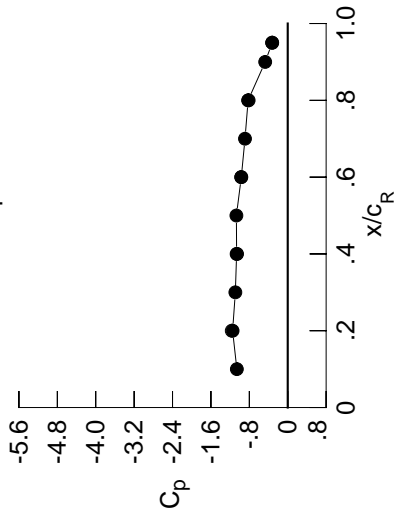
Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3637	-0.4196	-0.1646	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3771	-0.4235	-0.1822	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3834	-0.4256	-0.1897	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3847	-0.4248	-0.2057	*****	*****	*****	*****	*****	*****	-0.3774
0.250	*****	-0.4297	-0.2192	-0.4300	-0.4300	-0.4300	-0.4300	-0.4300	-0.4300	-0.3563
0.300	-0.3803	-0.4279	-0.2368	-0.4103	-0.4103	-0.4103	-0.4103	-0.4103	-0.4103	-0.3780
0.350	-0.4041	-0.4322	-0.2580	-0.4106	-0.4106	-0.4106	-0.4106	-0.4106	-0.4106	-0.4343
0.400	-0.4186	-0.4327	-0.2865	-0.4154	-0.4154	-0.4154	-0.4154	-0.4154	-0.4154	-0.5101
0.450	-0.4169	-0.4509	-0.3429	-0.4653	-0.4653	-0.4653	-0.4653	-0.4653	-0.4653	-0.6089
0.500	-0.3976	-0.5169	-0.4979	-0.5988	-0.5988	-0.5988	-0.5988	-0.5988	-0.5988	-0.7331
0.525	*****	-0.6212	-0.6221	-0.7030	-0.7030	-0.7030	-0.7030	-0.7030	-0.7030	-0.8270
0.550	-0.4558	-0.7727	-0.7880	-0.8314	-0.8314	-0.8314	-0.8314	-0.8314	-0.8314	-0.9341
0.575	*****	-0.9744	-0.9557	-0.9824	-1.0671	-1.0671	-1.0671	-1.0671	-1.0671	-1.0671
0.600	-1.0567	-1.1863	-1.1484	-1.1249	-0.8943	-0.8943	-0.8943	-0.8943	-0.8943	-0.8943
0.625	*****	*****	-1.2910	-1.2606	-0.6543	-0.6543	-0.6543	-0.6543	-0.6543	-0.6543
0.650	-1.4563	-1.4921	-1.4235	-1.3295	-0.6409	-0.6409	-0.6409	-0.6409	-0.6409	-0.6409
0.675	*****	-1.6129	-1.1789	-1.0161	-0.6469	-0.6469	-0.6469	-0.6469	-0.6469	-0.6469
0.700	-1.4668	-1.6273	-1.0854	-0.9676	-0.6387	-0.6387	-0.6387	-0.6387	-0.6387	-0.6387
0.725	*****	-1.4988	*****	-0.9558	-0.6027	-0.6027	-0.6027	-0.6027	-0.6027	-0.6027
0.750	-1.4363	-1.3904	*****	-0.9598	-0.5606	-0.5606	-0.5606	-0.5606	-0.5606	-0.5606
0.775	*****	-1.3296	-1.0847	-0.9651	-0.5028	-0.5028	-0.5028	-0.5028	-0.5028	-0.5028
0.800	-1.3615	-1.2740	-1.1054	-0.9829	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2428	-1.1110	-0.9877	-0.4309	-0.4309	-0.4309	-0.4309	-0.4309	-0.4309
0.850	-1.2553	-1.2258	-1.0720	-0.9609	-0.4097	-0.4097	-0.4097	-0.4097	-0.4097	-0.4097
0.875	*****	-1.2033	-1.0274	-0.8893	-0.4187	-0.4187	-0.4187	-0.4187	-0.4187	-0.4187
0.900	-1.1708	-1.1350	-1.0177	-0.8612	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0880	-1.0060	-0.8543	-0.4177	-0.4177	-0.4177	-0.4177	-0.4177	-0.4177
0.950	-1.1758	-1.0823	-0.9985	-0.8546	-0.3645	-0.3645	-0.3645	-0.3645	-0.3645	-0.3645
0.975	*****	-1.0757	-0.9768	-0.8418	-0.3440	-0.3440	-0.3440	-0.3440	-0.3440	-0.3440
1.000	-1.1484	-1.0650	-0.9672	-0.8254	-0.3240	-0.3240	-0.3240	-0.3240	-0.3240	-0.3240
0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3849	0.3468	0.3478	*****	*****	*****	*****	*****	*****	-0.5588
-0.400	0.3881	0.3492	0.3224	0.1374	-0.6420	-0.6420	-0.6420	-0.6420	-0.6420	-0.6420
-0.600	0.4024	0.3621	0.3186	0.1728	-0.6184	-0.6184	-0.6184	-0.6184	-0.6184	-0.6184
-0.700	*****	0.3674	0.3183	0.1863	-0.5898	-0.5898	-0.5898	-0.5898	-0.5898	-0.5898
-0.800	*****	*****	0.3215	0.2048	-0.5086	-0.5086	-0.5086	-0.5086	-0.5086	-0.5086
-0.850	*****	0.3641	0.3183	0.2177	-0.4786	-0.4786	-0.4786	-0.4786	-0.4786	-0.4786
-0.900	0.3837	0.3313	0.3045	0.2208	-0.4323	-0.4323	-0.4323	-0.4323	-0.4323	-0.4323
-0.950	0.3358	0.1465	0.2200	0.1855	-0.1371	-0.1371	-0.1371	-0.1371	-0.1371	-0.1371
-0.975	*****	0.0796	0.0828	0.0861	-0.0459	-0.0459	-0.0459	-0.0459	-0.0459	-0.0459
-1.000	-1.1661	-1.0561	-0.9700	-0.8146	-0.3238	-0.3238	-0.3238	-0.3238	-0.3238	-0.3238

Small Radius L.E.
 Run No. = 40 , Point No. = 826
 $C_N = 0.836$, $C_m = -0.1313$
 $\alpha = 17.5^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0600	*****
0.20	-1.1484	-1.1661
0.30	-1.0912	*****
0.40	-1.0650	-1.0561
0.50	-1.0695	*****
0.60	-0.9672	-0.9700
0.70	-0.8902	*****
0.80	-0.8254	-0.8146
0.90	-0.4695	*****
0.95	-0.3240	-0.3238

Surface Pressures

● upper, starboard
 ○ lower, port

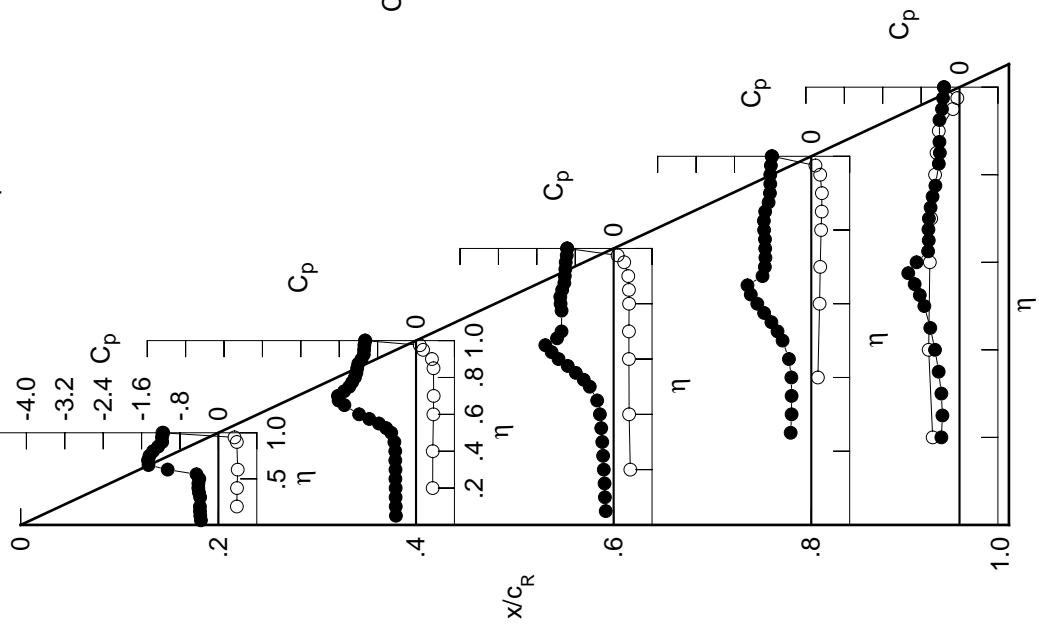
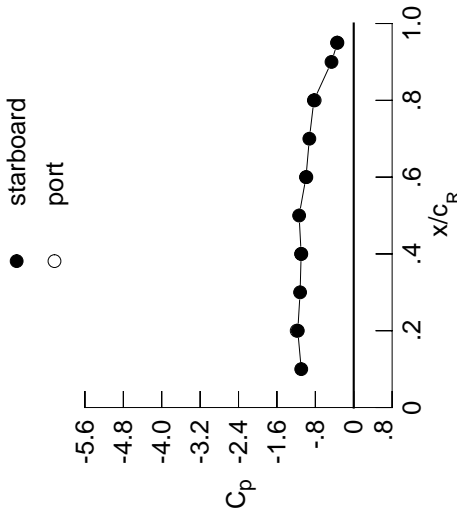


Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3930	-0.4517	-0.1875	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4011	-0.4567	-0.2041	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4088	-0.4601	-0.2110	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4123	-0.4595	-0.2281	*****	*****	*****	*****	*****	*****	-0.4099
0.250	*****	-0.4642	-0.2430	-0.4717	-0.4717	-0.4717	-0.4717	-0.4717	-0.4717	-0.4326
0.300	-0.4109	-0.4629	-0.2670	-0.4544	-0.4544	-0.4544	-0.4544	-0.4544	-0.4544	-0.4605
0.350	-0.4306	-0.4704	-0.2934	-0.4576	-0.4576	-0.4576	-0.4576	-0.4576	-0.4576	-0.5147
0.400	-0.4398	-0.4810	-0.3394	-0.4728	-0.4728	-0.4728	-0.4728	-0.4728	-0.4728	-0.5983
0.450	-0.4339	-0.5242	-0.4286	-0.5422	-0.5422	-0.5422	-0.5422	-0.5422	-0.5422	-0.7020
0.500	-0.4405	-0.6485	-0.6336	-0.7023	-0.7023	-0.7023	-0.7023	-0.7023	-0.7023	-0.8350
0.525	*****	-0.7816	-0.7730	-0.8142	-0.8142	-0.8142	-0.8142	-0.8142	-0.8142	-0.9267
0.550	-0.6981	-0.9527	-0.9402	-0.9468	-0.9468	-0.9468	-0.9468	-0.9468	-0.9468	-1.0254
0.575	*****	-1.1454	-1.0947	-1.0901	-1.0901	-1.0901	-1.0901	-1.0901	-1.0901	-1.0714
0.600	-1.3151	-1.3204	-1.2597	-1.2239	-1.2239	-1.2239	-1.2239	-1.2239	-1.2239	-0.6812
0.625	*****	*****	-1.3803	-1.3472	-1.3472	-1.3472	-1.3472	-1.3472	-1.3472	-0.6557
0.650	-1.5634	-1.5605	-1.4064	-1.1862	-1.1862	-1.1862	-1.1862	-1.1862	-1.1862	-0.6615
0.675	*****	-1.6504	-1.1429	-1.0171	-1.0171	-1.0171	-1.0171	-1.0171	-1.0171	-0.6703
0.700	-1.5331	-1.5448	-1.1108	-0.9966	-0.9966	-0.9966	-0.9966	-0.9966	-0.9966	-0.6574
0.725	*****	-1.4400	*****	-0.9934	-0.9934	-0.9934	-0.9934	-0.9934	-0.9934	-0.6138
0.750	-1.4874	-1.4063	*****	-1.0008	-1.0008	-1.0008	-1.0008	-1.0008	-1.0008	-0.5660
0.775	*****	-1.3837	-1.1250	-1.0182	-1.0182	-1.0182	-1.0182	-1.0182	-1.0182	-0.4891
0.800	-1.4108	-1.3545	-1.1512	-1.0371	-1.0371	-1.0371	-1.0371	-1.0371	-1.0371	*****
0.825	*****	-1.3329	-1.1514	-1.0407	-1.0407	-1.0407	-1.0407	-1.0407	-1.0407	-0.4173
0.850	-1.2811	-1.3029	-1.1078	-1.0093	-1.0093	-1.0093	-1.0093	-1.0093	-1.0093	-0.4057
0.875	*****	-1.2427	-1.0675	-0.9226	-0.9226	-0.9226	-0.9226	-0.9226	-0.9226	-0.4224
0.900	-1.1989	-1.1574	-1.0550	-0.8826	-0.8826	-0.8826	-0.8826	-0.8826	-0.8826	*****
0.925	*****	-1.1153	-1.0373	-0.8661	-0.8661	-0.8661	-0.8661	-0.8661	-0.8661	-0.4424
0.950	-1.1926	-1.1092	-1.0285	-0.8671	-0.8671	-0.8671	-0.8671	-0.8671	-0.8671	-0.3826
0.975	*****	-1.1059	-1.0086	-0.8526	-0.8526	-0.8526	-0.8526	-0.8526	-0.8526	-0.3613
1.000	-1.1657	-1.0953	-0.9943	-0.8301	-0.8301	-0.8301	-0.8301	-0.8301	-0.8301	-0.3404
$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4113	0.3708	0.3658	*****	*****	*****	*****	*****	*****	-0.5571
-0.400	0.4160	0.3721	0.3428	0.1532	0.1532	0.1532	0.1532	0.1532	0.1532	-0.6309
-0.600	0.4295	0.3828	0.3344	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	-0.6072
-0.700	*****	0.3880	0.3386	0.2021	0.2021	0.2021	0.2021	0.2021	0.2021	-0.5779
-0.800	*****	*****	0.3387	0.2195	0.2195	0.2195	0.2195	0.2195	0.2195	-0.4945
-0.850	*****	0.3780	0.3306	0.2303	0.2303	0.2303	0.2303	0.2303	0.2303	-0.4656
-0.900	0.3977	0.3387	0.3118	0.2297	0.2297	0.2297	0.2297	0.2297	0.2297	-0.4178
-0.950	0.3428	0.1430	0.2171	0.1850	0.1850	0.1850	0.1850	0.1850	0.1850	-0.1338
-0.975	*****	0.0642	0.0676	0.0760	0.0760	0.0760	0.0760	0.0760	0.0760	-0.0547
-1.000	-1.1879	-1.0926	-0.9876	-0.8135	-0.8135	-0.8135	-0.8135	-0.8135	-0.8135	-0.3478

Small Radius L.E.
 Run No. = 40 , Point No. = 827
 $C_N = 0.895$, $C_m = -0.1428$
 $\alpha = 18.6^\circ$, $M_\infty = 0.828$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.0935	*****
0.20	-1.1657	-1.1879
0.30	-1.1173	*****
0.40	-1.0953	-1.0926
0.50	-1.1379	*****
0.60	-0.9943	-0.9876
0.70	-0.9244	*****
0.80	-0.8301	-0.8135
0.90	-0.4630	*****
0.95	-0.3404	-0.3478

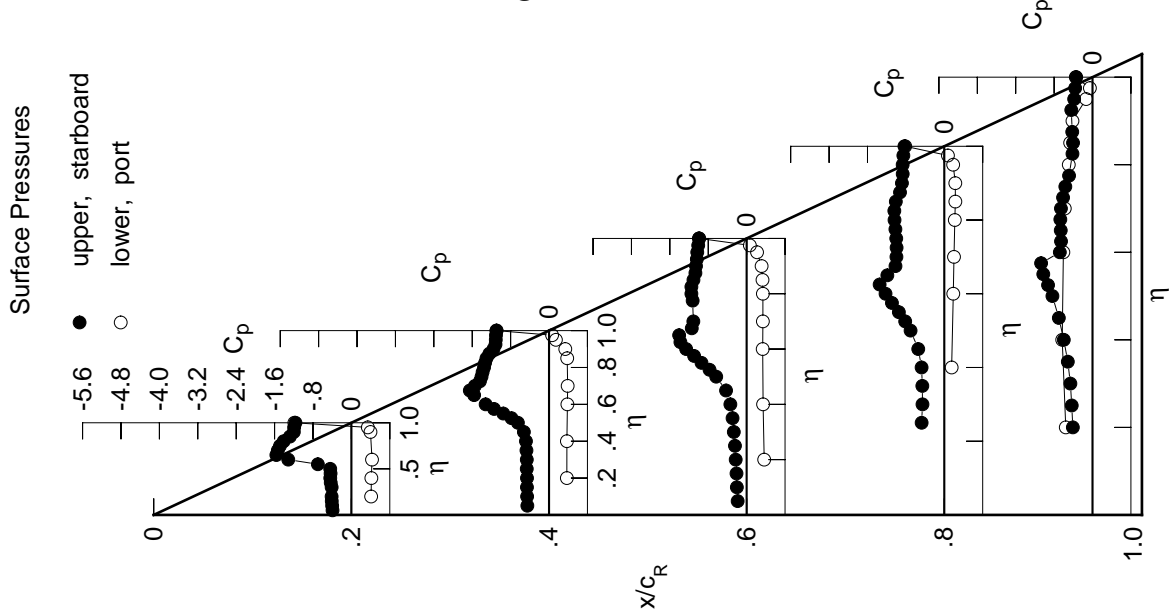


Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4300	-0.4849	-0.2050	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4346	-0.4912	-0.2247	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4413	-0.4889	-0.2339	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4467	-0.4928	-0.2520	*****	*****	*****	*****	*****	*****	-0.4181
0.250	*****	-0.4960	-0.2752	-0.5129	-0.4945	*****	*****	*****	*****	*****
0.300	-0.4436	-0.5008	-0.3055	-0.5022	-0.5478	*****	*****	*****	*****	*****
0.350	-0.4567	-0.5081	-0.3511	-0.5124	-0.6136	*****	*****	*****	*****	*****
0.400	-0.4641	-0.5364	-0.4230	-0.5457	-0.7031	*****	*****	*****	*****	*****
0.450	-0.4677	-0.6118	-0.5603	-0.6373	-0.8046	*****	*****	*****	*****	*****
0.500	-0.5522	-0.7931	-0.7965	-0.8149	-0.9500	*****	*****	*****	*****	*****
0.525	*****	-0.9438	-0.9440	-0.9351	-1.0342	*****	*****	*****	*****	*****
0.550	-0.9793	-1.1104	-1.0937	-1.0604	-1.1265	*****	*****	*****	*****	*****
0.575	*****	-1.2787	-1.2355	-1.1986	-0.8561	*****	*****	*****	*****	*****
0.600	-1.4718	-1.4242	-1.3674	-1.3152	-0.6880	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4685	-1.4250	-0.6828	*****	*****	*****	*****	*****
0.650	-1.6352	-1.5993	-1.2796	-1.1243	-0.6975	*****	*****	*****	*****	*****
0.675	*****	-1.5286	-1.1719	-1.0655	-0.7001	*****	*****	*****	*****	*****
0.700	-1.5895	-1.4182	-1.1554	-1.0532	-0.6749	*****	*****	*****	*****	*****
0.725	*****	-1.3923	*****	-1.0586	-0.6292	*****	*****	*****	*****	*****
0.750	-1.5220	-1.3879	*****	-1.0713	-0.5599	*****	*****	*****	*****	*****
0.775	*****	-1.3950	-1.1707	-1.0961	-0.4774	*****	*****	*****	*****	*****
0.800	-1.4311	-1.4181	-1.1910	-1.1162	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4277	-1.1828	-1.1070	-0.4282	*****	*****	*****	*****	*****
0.850	-1.2916	-1.3671	-1.1436	-1.0717	-0.4270	*****	*****	*****	*****	*****
0.875	*****	-1.2607	-1.1042	-0.9692	-0.4507	*****	*****	*****	*****	*****
0.900	-1.2220	-1.1856	-1.0910	-0.9127	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1661	-1.0800	-0.8837	-0.4806	*****	*****	*****	*****	*****
0.950	-1.2103	-1.1628	-1.0718	-0.8816	-0.4113	*****	*****	*****	*****	*****
0.975	*****	-1.1621	-1.0500	-0.8699	-0.3851	*****	*****	*****	*****	*****
1.000	-1.1822	-1.1576	-1.0375	-0.8467	-0.3675	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4360	0.3895	0.3819	*****	*****	*****	*****	*****	*****	-0.5568
-0.400	0.4408	0.3935	0.3538	0.1661	0.6228	*****	*****	*****	*****	*****
-0.600	0.4524	0.3962	0.3515	0.1960	-0.5998	*****	*****	*****	*****	*****
-0.700	*****	0.4063	0.3513	0.2123	-0.5691	*****	*****	*****	*****	*****
-0.800	*****	*****	0.3514	0.2296	-0.4882	*****	*****	*****	*****	*****
-0.850	*****	0.3887	0.3399	0.2395	-0.4556	*****	*****	*****	*****	*****
-0.900	0.4082	0.3411	0.3160	0.2356	-0.4091	*****	*****	*****	*****	*****
-0.950	0.3456	0.1364	0.2082	0.1792	-0.1342	*****	*****	*****	*****	*****
-0.975	*****	0.0460	0.0482	0.0598	-0.0669	*****	*****	*****	*****	*****
-1.000	-1.2063	-1.1516	-1.0271	-0.8200	-0.3774	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 40 , Point No. = 828
 $C_N = 0.955$, $C_m = -0.1554$
 $\alpha = 19.6^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$

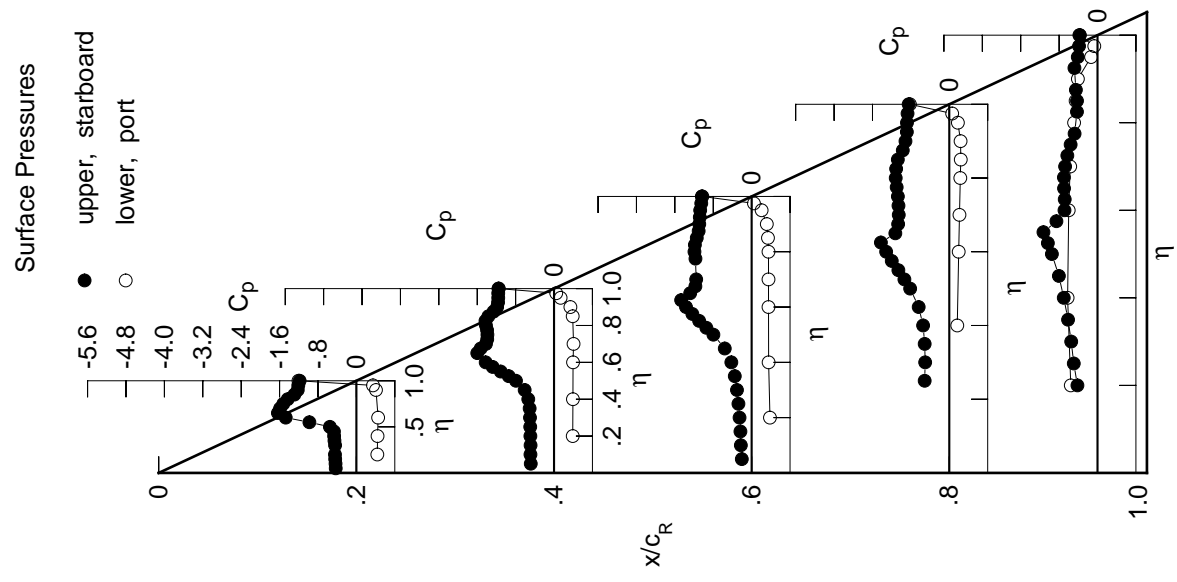
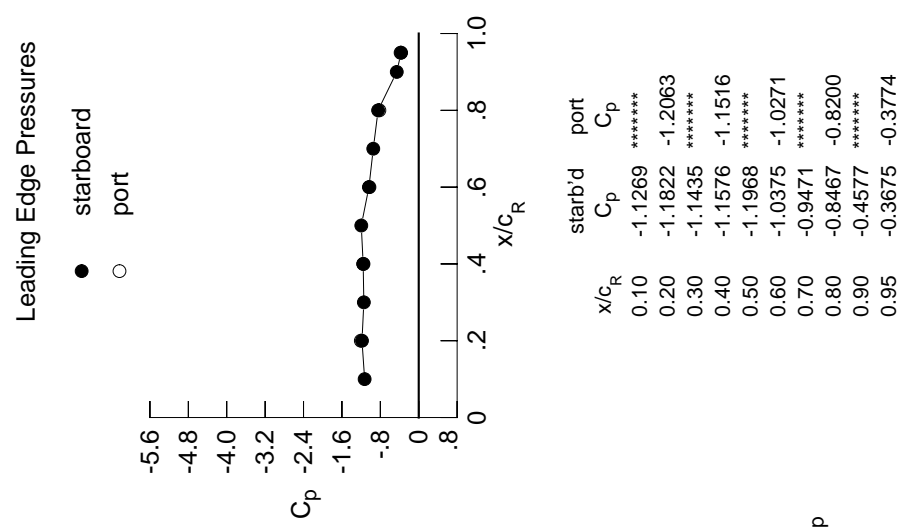
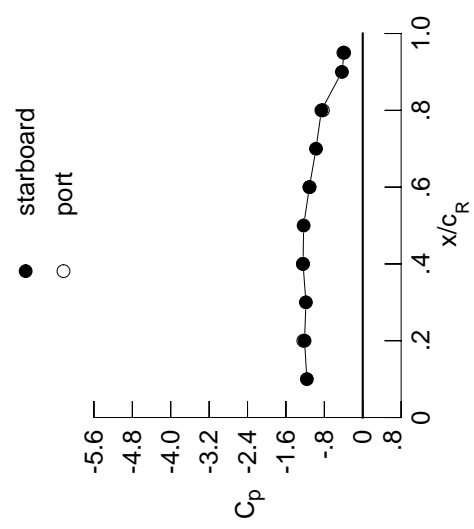


Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.4621	-0.5156	-0.2359	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4658	-0.5193	-0.2573	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4697	-0.5192	-0.2676	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4773	-0.5204	-0.2921	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.5289	-0.3195	-0.5485	-0.5129	*****	*****	*****	*****	*****
0.300	-0.4697	-0.5336	-0.3621	-0.5384	-0.5809	*****	*****	*****	*****	*****
0.350	-0.4826	-0.5562	-0.4237	-0.5611	-0.6422	*****	*****	*****	*****	*****
0.400	-0.4957	-0.6040	-0.5312	-0.6072	-0.7291	*****	*****	*****	*****	*****
0.450	-0.5340	-0.7212	-0.7070	-0.7190	-0.8439	*****	*****	*****	*****	*****
0.500	-0.7376	-0.9390	-0.9718	-0.9118	-1.0009	*****	*****	*****	*****	*****
0.525	*****	-1.0929	-1.1105	-1.0277	-1.0835	*****	*****	*****	*****	*****
0.550	-1.2166	-1.2458	-1.2514	-1.1478	-1.0943	*****	*****	*****	*****	*****
0.575	*****	-1.3876	-1.3697	-1.2707	-0.7062	*****	*****	*****	*****	*****
0.600	-1.5856	-1.5075	-1.4808	-1.3817	-0.6699	*****	*****	*****	*****	*****
0.625	*****	*****	-1.5449	-1.4620	-0.6804	*****	*****	*****	*****	*****
0.650	-1.6846	-1.4777	-1.2805	-1.1198	-0.6886	*****	*****	*****	*****	*****
0.675	*****	-1.3817	-1.2415	-1.0901	-0.6714	*****	*****	*****	*****	*****
0.700	-1.6488	-1.3640	-1.2327	-1.0823	-0.6250	*****	*****	*****	*****	*****
0.725	*****	-1.3624	*****	-1.0855	-0.5605	*****	*****	*****	*****	*****
0.750	-1.5425	-1.3737	*****	-1.1037	-0.5116	*****	*****	*****	*****	*****
0.775	*****	-1.4030	-1.2346	-1.1373	-0.4692	*****	*****	*****	*****	*****
0.800	-1.4174	-1.4329	-1.2504	-1.1670	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4133	-1.2443	-1.1717	-0.4877	*****	*****	*****	*****	*****
0.850	-1.3016	-1.3400	-1.2024	-1.1318	-0.4881	*****	*****	*****	*****	*****
0.875	*****	-1.2734	-1.1539	-1.0139	-0.4994	*****	*****	*****	*****	*****
0.900	-1.2497	-1.2481	-1.1435	-0.9374	*****	*****	*****	*****	*****	*****
0.925	*****	-1.2520	-1.1361	-0.9009	-0.5196	*****	*****	*****	*****	*****
0.950	-1.2372	-1.2516	-1.1382	-0.8977	-0.4358	*****	*****	*****	*****	*****
0.975	*****	-1.2471	-1.1233	-0.8856	-0.4057	*****	*****	*****	*****	*****
1.000	-1.2121	-1.2431	-1.1108	-0.8608	-0.3881	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4665	0.4172	0.4015	*****	*****	*****	*****	*****	*****	*****
-0.600	0.4709	0.4168	0.3769	0.1844	-0.6127	*****	*****	*****	*****	*****
-0.700	0.4789	0.4221	0.3701	0.2179	-0.5870	*****	*****	*****	*****	*****
-0.800	*****	0.4284	0.3704	0.2294	-0.5560	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3657	0.2462	-0.4721	*****	*****	*****	*****	*****
-0.900	*****	0.4003	0.3523	0.2541	-0.4427	*****	*****	*****	*****	*****
-0.950	0.4203	0.3482	0.3234	0.2455	-0.3952	*****	*****	*****	*****	*****
-0.975	0.3528	0.1321	0.2027	0.1773	-0.1325	*****	*****	*****	*****	*****
-1.000	*****	0.0287	0.0312	0.0484	-0.0747	*****	*****	*****	*****	*****
	-1.2378	-1.2484	-1.1069	-0.8305	-0.4029	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 40 , Point No. = 829
 $C_N = 1.005$, $C_m = -0.1619$
 $\alpha = 20.6^\circ$, $M_\infty = 0.828$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1642	*****
0.20	-1.2121	-1.2378
0.30	-1.1839	*****
0.40	-1.2431	-1.2484
0.50	-1.2312	*****
0.60	-1.1108	-1.1069
0.70	-0.9739	*****
0.80	-0.8608	-0.8305
0.90	-0.4335	*****
0.95	-0.3881	-0.4029

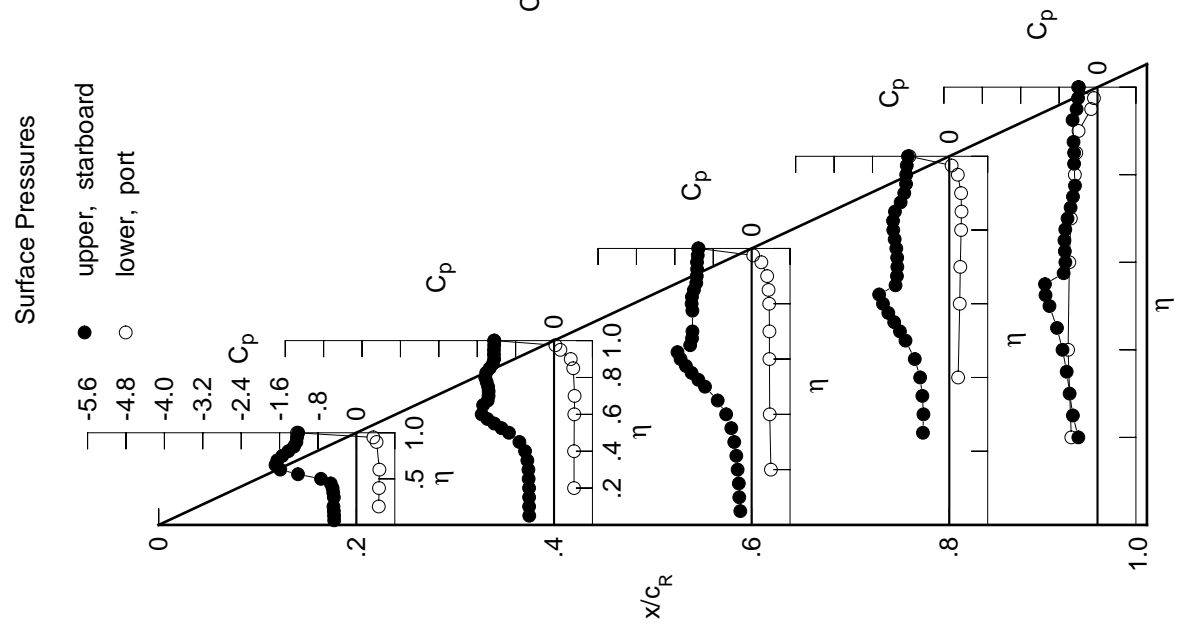
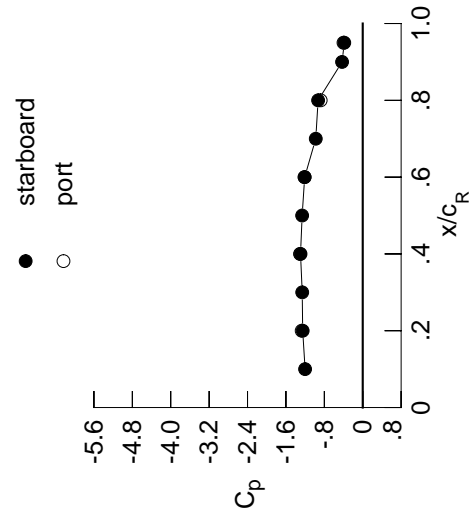


Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4970	-0.5534	-0.3418	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5002	-0.5596	-0.3614	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5071	-0.5596	-0.3845	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5129	-0.5631	-0.4111	*****	*****	*****	*****	*****	*****	-0.3644
0.250	*****	-0.5761	-0.4517	-0.6278	-0.4955	*****	*****	*****	*****	-0.4955
0.300	-0.5041	-0.5916	-0.5015	-0.6203	-0.5807	*****	*****	*****	*****	-0.5807
0.350	-0.5200	-0.6271	-0.5735	-0.6426	-0.6313	*****	*****	*****	*****	-0.6313
0.400	-0.5513	-0.7068	-0.6944	-0.7018	-0.7182	*****	*****	*****	*****	-0.7182
0.450	-0.6497	-0.8577	-0.8897	-0.8263	-0.8507	*****	*****	*****	*****	-0.8507
0.500	-0.9540	-1.0886	-1.1484	-1.0233	-1.0333	*****	*****	*****	*****	-1.0333
0.525	*****	-1.2308	-1.2763	-1.1332	-1.1243	*****	*****	*****	*****	-1.1243
0.550	-1.3821	-1.3590	-1.3936	-1.2429	-1.1409	*****	*****	*****	*****	-1.1409
0.575	*****	-1.4762	-1.4892	-1.3542	-0.7278	*****	*****	*****	*****	-0.7278
0.600	-1.6535	-1.5706	-1.5778	-1.4483	-0.6931	*****	*****	*****	*****	-0.6931
0.625	*****	*****	-1.5413	-1.4959	-0.6906	*****	*****	*****	*****	-0.6906
0.650	-1.6663	-1.3853	-1.3464	-1.1631	-0.6649	*****	*****	*****	*****	-0.6649
0.675	*****	-1.3641	-1.3271	-1.1415	-0.6238	*****	*****	*****	*****	-0.6238
0.700	-1.6504	-1.3575	-1.3236	-1.1285	-0.5804	*****	*****	*****	*****	-0.5804
0.725	*****	-1.3623	*****	-1.1253	-0.5437	*****	*****	*****	*****	-0.5437
0.750	-1.5586	-1.3794	*****	-1.1389	-0.5200	*****	*****	*****	*****	-0.5200
0.775	*****	-1.4089	-1.3450	-1.1712	-0.5058	*****	*****	*****	*****	-0.5058
0.800	-1.4064	-1.4108	-1.3705	-1.2089	*****	*****	*****	*****	*****	*****
0.825	*****	-1.3776	-1.3697	-1.2161	-0.5271	*****	*****	*****	*****	-0.5271
0.850	-1.3204	-1.3396	-1.3244	-1.1744	-0.5099	*****	*****	*****	*****	-0.5099
0.875	*****	-1.3158	-1.2638	-1.0477	-0.5098	*****	*****	*****	*****	-0.5098
0.900	-1.2773	-1.3089	-1.2375	-0.9706	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3107	-1.2208	-0.9522	-0.5061	*****	*****	*****	*****	-0.5061
0.950	-1.2751	-1.3066	-1.2193	-0.9652	-0.4340	*****	*****	*****	*****	-0.4340
0.975	*****	-1.3027	-1.2097	-0.9586	-0.4038	*****	*****	*****	*****	-0.4038
1.000	-1.2508	-1.2960	-1.2094	-0.9296	-0.3847	*****	*****	*****	*****	-0.3847
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4929	0.4371	0.4183	*****	-0.5368	*****	*****	*****	*****	-0.5368
-0.400	0.4966	0.4374	0.3933	0.1955	-0.5989	*****	*****	*****	*****	-0.5989
-0.600	0.5040	0.4416	0.3852	0.2316	-0.5760	*****	*****	*****	*****	-0.5760
-0.700	*****	0.4489	0.3859	0.2434	-0.5431	*****	*****	*****	*****	-0.5431
-0.800	*****	*****	0.3797	0.2557	-0.4610	*****	*****	*****	*****	-0.4610
-0.850	*****	0.4132	0.3638	0.2628	-0.4321	*****	*****	*****	*****	-0.4321
-0.900	0.4317	0.3524	0.3282	0.2487	-0.3826	*****	*****	*****	*****	-0.3826
-0.950	0.3575	0.1276	0.1942	0.1706	-0.1281	*****	*****	*****	*****	-0.1281
-0.975	*****	0.0125	0.0134	0.0300	-0.0799	*****	*****	*****	*****	-0.0799
-1.000	-1.2717	-1.3064	-1.2125	-0.8763	-0.4007	*****	*****	*****	*****	-0.4007

Small Radius L.E.
 Run No. = 40 , Point No. = 830
 $C_N = 1.063$, $C_m = -0.1725$
 $\alpha = 21.6^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.2005	*****
0.20	-1.2508	-1.2717
0.30	-1.2607	*****
0.40	-1.2960	-1.3064
0.50	-1.2622	*****
0.60	-1.2094	-1.2125
0.70	-0.9783	*****
0.80	-0.9296	-0.8763
0.90	-0.4301	*****
0.95	-0.3847	-0.4007

Surface Pressures

● upper, starboard
 ○ lower, port

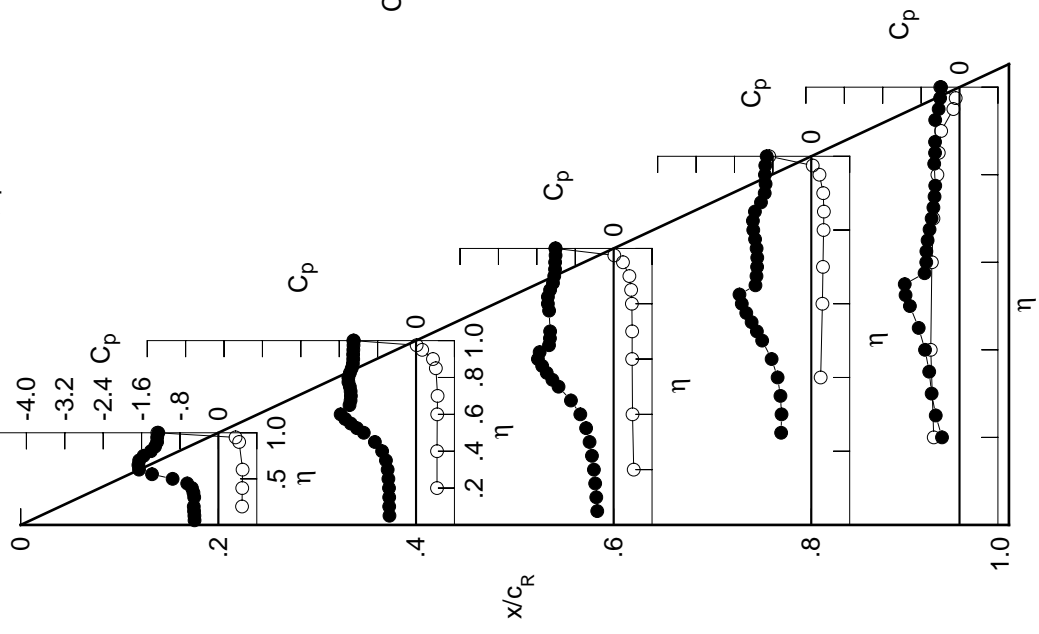


Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.5361	-0.5933	-0.5021	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5394	-0.5967	-0.5148	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5451	-0.6001	-0.5280	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5529	-0.6059	-0.5483	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6215	-0.5786	-0.6478	-0.4654	*****	*****	*****	*****	*****
0.300	-0.5468	-0.6471	-0.6204	-0.6628	-0.5577	*****	*****	*****	*****	*****
0.350	-0.5771	-0.7031	-0.6909	-0.7107	-0.6147	*****	*****	*****	*****	*****
0.400	-0.6392	-0.8143	-0.8147	-0.7884	-0.6996	*****	*****	*****	*****	*****
0.450	-0.8026	-1.0045	-1.0108	-0.9234	-0.8367	*****	*****	*****	*****	*****
0.500	-1.1439	-1.2399	-1.2532	-1.1135	-1.0292	*****	*****	*****	*****	*****
0.525	*****	-1.3635	-1.3673	-1.2170	-1.1229	*****	*****	*****	*****	*****
0.550	-1.4951	-1.4714	-1.4740	-1.3156	-1.1008	*****	*****	*****	*****	*****
0.575	*****	-1.5633	-1.5614	-1.4154	-0.7038	*****	*****	*****	*****	*****
0.600	-1.5841	-1.6369	-1.6358	-1.5006	-0.6711	*****	*****	*****	*****	*****
0.625	*****	*****	-1.5112	-1.4817	-0.6549	*****	*****	*****	*****	*****
0.650	-1.5739	-1.4368	-1.4014	-1.1861	-0.6319	*****	*****	*****	*****	*****
0.675	*****	-1.4288	-1.3919	-1.1729	-0.6029	*****	*****	*****	*****	*****
0.700	-1.5710	-1.4108	-1.3861	-1.1598	-0.5741	*****	*****	*****	*****	*****
0.725	*****	-1.4102	*****	-1.1565	-0.5377	*****	*****	*****	*****	*****
0.750	-1.5851	-1.4223	*****	-1.1581	-0.5309	*****	*****	*****	*****	*****
0.775	*****	-1.4417	-1.4196	-1.1703	-0.5261	*****	*****	*****	*****	*****
0.800	-1.4796	-1.4404	-1.4608	-1.1881	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4085	-1.4660	-1.1910	-0.5491	*****	*****	*****	*****	*****
0.850	-1.3609	-1.3681	-1.4014	-1.1619	-0.5268	*****	*****	*****	*****	*****
0.875	*****	-1.3448	-1.3111	-1.0433	-0.5197	*****	*****	*****	*****	*****
0.900	-1.3237	-1.3318	-1.2711	-0.9710	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3324	-1.2591	-0.9608	-0.5076	*****	*****	*****	*****	*****
0.950	-1.3347	-1.3285	-1.2668	-0.9909	-0.4507	*****	*****	*****	*****	*****
0.975	*****	-1.3257	-1.2564	-0.9958	-0.4249	*****	*****	*****	*****	*****
1.000	-1.3153	-1.3244	-1.2617	-0.9590	-0.4066	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.4611	0.4353	*****	-0.5229	*****	*****	*****	*****	*****
-0.400	0.5231	0.4618	0.4125	0.2158	-0.5850	*****	*****	*****	*****	*****
-0.600	0.5278	0.4666	0.3990	0.2466	-0.5640	*****	*****	*****	*****	*****
-0.700	*****	0.4679	0.4008	0.2581	-0.5298	*****	*****	*****	*****	*****
-0.800	*****	*****	0.3931	0.2714	-0.4486	*****	*****	*****	*****	*****
-0.850	*****	0.4240	0.3754	0.2734	-0.4175	*****	*****	*****	*****	*****
-0.900	0.4410	0.3569	0.3320	0.2536	-0.3679	*****	*****	*****	*****	*****
-0.950	0.3602	0.1299	0.1890	0.1642	-0.1214	*****	*****	*****	*****	*****
-0.975	*****	-0.0027	-0.0018	0.0151	-0.0823	*****	*****	*****	*****	*****
-1.000	-1.3195	-1.3260	-1.2610	-0.9172	-0.3998	*****	*****	*****	*****	*****

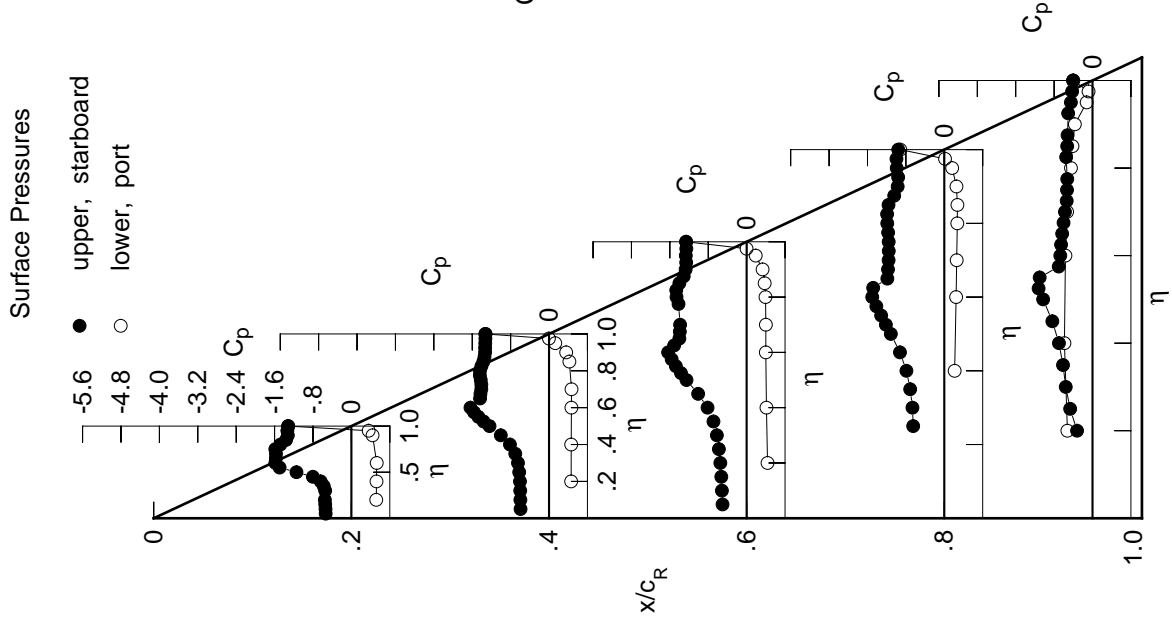
Small Radius L.E.

Run No. = 40, Point No. = 831

$C_N = 1.111$, $C_m = -0.1771$

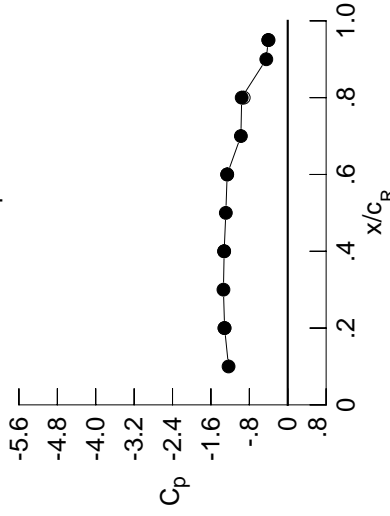
$\alpha = 22.6^\circ$, $M_\infty = 0.829$

$R_{mac} = 6.0 \times 10^6$



Leading Edge Pressures

● starboard
○ port

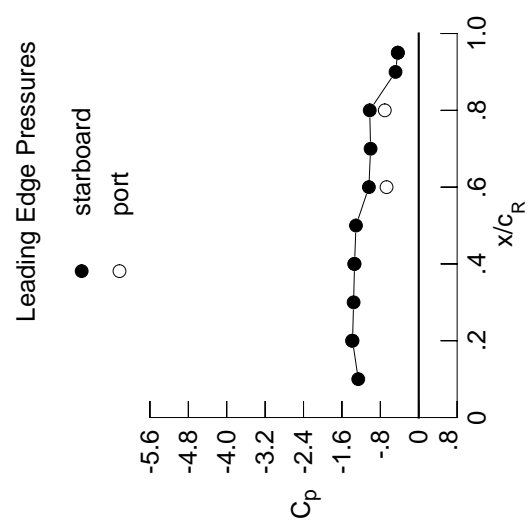


x/c_R	starb'd C_p	port C_p
0.10	-1.2330	*****
0.20	-1.3153	-1.3195
0.30	-1.3394	*****
0.40	-1.3244	-1.3260
0.50	-1.2898	*****
0.60	-1.2617	-1.2610
0.70	-0.9758	*****
0.80	-0.9590	-0.9172
0.90	-0.4466	*****
0.95	-0.4066	-0.3998

Table D4. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5722	-0.6185	-0.1129	*****	*****
0.100	-0.5765	-0.6215	-0.1416	*****	*****
0.150	-0.5824	-0.6259	-0.1660	*****	*****
0.200	-0.5931	-0.6348	-0.2018	*****	-0.3512
0.250	*****	-0.6538	-0.2467	-0.6808	-0.4869
0.300	-0.5970	-0.6881	-0.3148	-0.6821	-0.5878
0.350	-0.6439	-0.7564	-0.4177	-0.7254	-0.6496
0.400	-0.7488	-0.8882	-0.5813	-0.7900	-0.7422
0.450	-0.9618	-1.0884	-0.7999	-0.9145	-0.8588
0.500	-1.2860	-1.3184	-1.0801	-1.0834	-0.9827
0.525	*****	-1.4327	-1.2097	-1.1757	-1.0274
0.550	-1.5545	-1.5279	-1.3303	-1.2664	-0.9474
0.575	*****	-1.6103	-1.4263	-1.3617	-0.7290
0.600	-1.5160	-1.6701	-1.5257	-1.4342	-0.6194
0.625	*****	*****	-1.4541	-1.2273	-0.6127
0.650	-1.4981	-1.4631	-1.2639	-1.1254	-0.6107
0.675	*****	-1.4664	-1.2210	-1.1245	-0.6072
0.700	-1.4977	-1.4450	-1.2129	-1.1255	-0.5999
0.725	*****	-1.4418	*****	-1.1347	-0.5882
0.750	-1.5532	-1.4534	*****	-1.1575	-0.5840
0.775	*****	-1.4821	-1.2315	-1.1935	-0.5700
0.800	-1.4705	-1.4924	-1.2718	-1.2413	*****
0.825	*****	-1.4603	-1.3165	-1.2509	-0.5761
0.850	-1.3956	-1.3992	-1.2726	-1.2050	-0.5556
0.875	*****	-1.3593	-1.1753	-1.0908	-0.5545
0.900	-1.3850	-1.3411	-1.1124	-1.0437	*****
0.925	*****	-1.3462	-1.0878	-1.0372	-0.5486
0.950	-1.3955	-1.3452	-1.0820	-1.0501	-0.4856
0.975	*****	-1.3391	-1.0595	-1.0461	-0.4592
1.000	-1.3789	-1.3371	-1.0382	-1.0211	-0.4372
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5447	0.4823	0.4542	*****	-0.5415
-0.400	0.5489	0.4862	0.4321	0.2220	-0.5965
-0.600	0.5508	0.4853	0.4211	0.2560	-0.5749
-0.700	*****	0.4886	0.4222	0.2596	-0.5423
-0.800	*****	*****	0.4170	0.2783	-0.4612
-0.850	*****	0.4367	0.3988	0.2781	-0.4368
-0.900	0.4501	0.3648	0.3587	0.2597	-0.3901
-0.950	0.3646	0.1342	0.2253	0.1786	-0.1460
-0.975	*****	-0.0103	0.0497	0.0410	-0.1119
-1.000	-1.3896	-1.3439	-0.6705	-0.7069	-0.4339

Small Radius L.E.
 Run No. = 40 , Point No. = 832
 $C_N = 1.107$, $C_m = -0.1839$
 $\alpha = 23.6^\circ$, $M_\infty = 0.830$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.2600	*****
0.20	-1.3789	-1.3896
0.30	-1.3570	*****
0.40	-1.3371	-1.3439
0.50	-1.3076	*****
0.60	-1.0382	-0.6705
0.70	-1.0031	*****
0.80	-1.0211	-0.7069
0.90	-0.4832	*****
0.95	-0.4372	-0.4339

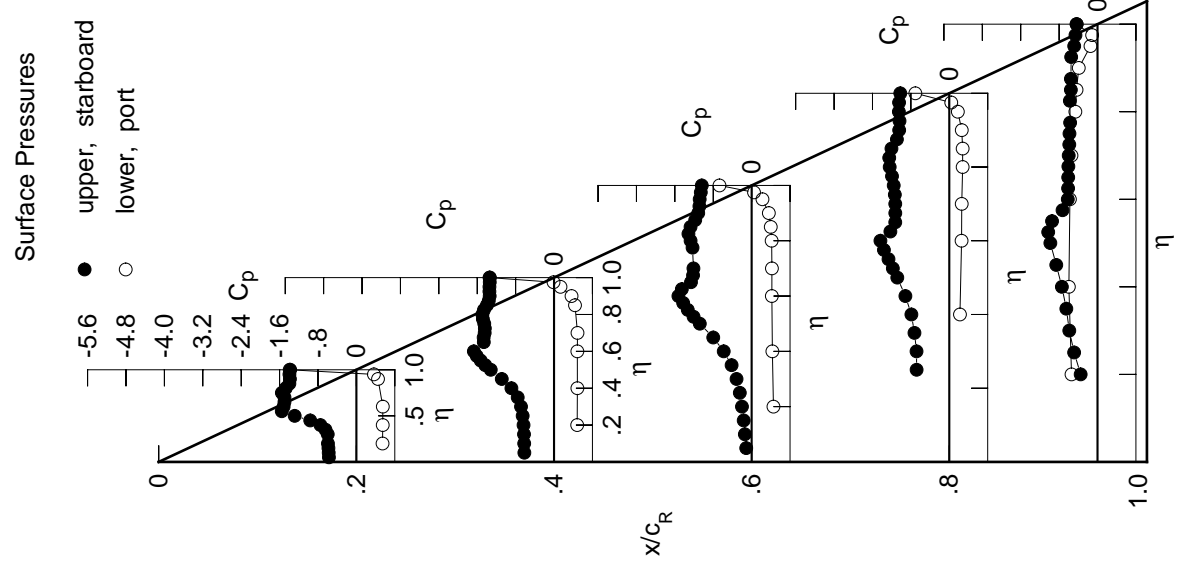
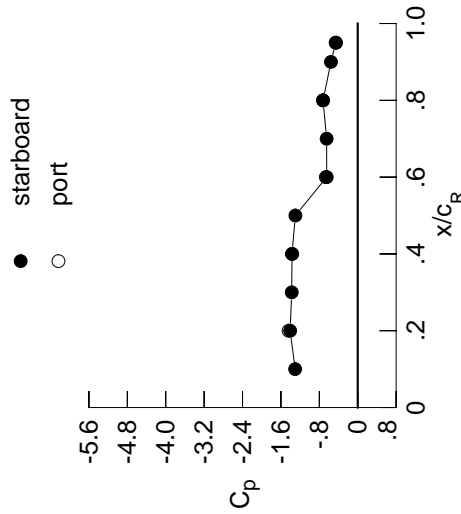


Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6130	-0.6521	-0.0230	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6159	-0.6534	-0.0383	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6259	-0.6586	-0.0529	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6341	-0.6698	-0.0808	*****	*****	*****	*****	*****	*****	-0.5650
0.250	*****	-0.6965	-0.1174	-0.6685	-0.6062	*****	*****	*****	*****	-0.6062
0.300	-0.6546	-0.7393	-0.1895	-0.6921	-0.6591	*****	*****	*****	*****	-0.6591
0.350	-0.7263	-0.8187	-0.2989	-0.7677	-0.7045	*****	*****	*****	*****	-0.7045
0.400	-0.8752	-0.9623	-0.4752	-0.8114	-0.7414	*****	*****	*****	*****	-0.7414
0.450	-1.1146	-1.1635	-0.7131	-0.8694	-0.7516	*****	*****	*****	*****	-0.7516
0.500	-1.4018	-1.3779	-1.0046	-0.9103	-0.7324	*****	*****	*****	*****	-0.7324
0.525	*****	-1.4820	-1.1398	-0.9163	-0.7476	*****	*****	*****	*****	-0.7476
0.550	-1.5982	-1.5697	-1.2626	-0.9069	-0.7366	*****	*****	*****	*****	-0.7366
0.575	*****	-1.6408	-1.3643	-0.9233	-0.7521	*****	*****	*****	*****	-0.7521
0.600	-1.5131	-1.6765	-1.3338	-0.9321	-0.7495	*****	*****	*****	*****	-0.7495
0.625	*****	*****	-1.1071	-0.9192	-0.7524	*****	*****	*****	*****	-0.7524
0.650	-1.4791	-1.4731	-1.0283	-0.9012	-0.7409	*****	*****	*****	*****	-0.7409
0.675	*****	-1.4917	-0.9975	-0.8961	-0.7230	*****	*****	*****	*****	-0.7230
0.700	-1.4988	-1.4720	-0.9775	-0.8791	-0.7110	*****	*****	*****	*****	-0.7110
0.725	*****	-1.4680	*****	-0.8610	-0.6906	*****	*****	*****	*****	-0.6906
0.750	-1.5610	-1.4815	*****	-0.8371	-0.6827	*****	*****	*****	*****	-0.6827
0.775	*****	-1.5175	-0.9015	-0.8234	-0.6551	*****	*****	*****	*****	-0.6551
0.800	-1.4667	-1.5340	-0.8777	-0.8164	*****	*****	*****	*****	*****	-0.8164
0.825	*****	-1.4934	-0.8807	-0.8091	-0.6285	*****	*****	*****	*****	-0.6285
0.850	-1.4274	-1.4211	-0.8687	-0.7960	-0.6090	*****	*****	*****	*****	-0.6090
0.875	*****	-1.3798	-0.8090	-0.7756	-0.5990	*****	*****	*****	*****	-0.5990
0.900	-1.4183	-1.3685	-0.7393	-0.7753	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3744	-0.6902	-0.7623	-0.5734	*****	*****	*****	*****	-0.5734
0.950	-1.4255	-1.3735	-0.6767	-0.7531	-0.5259	*****	*****	*****	*****	-0.5259
0.975	*****	-1.3673	-0.6658	-0.7424	-0.4876	*****	*****	*****	*****	-0.4876
1.000	-1.4080	-1.3694	-0.6467	-0.7226	-0.4596	*****	*****	*****	*****	-0.4596
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5711	0.5058	0.4697	*****	-0.5419	*****	*****	*****	*****	-0.5419
-0.400	0.5762	0.5093	0.4479	0.2336	-0.5930	*****	*****	*****	*****	-0.5930
-0.600	0.5749	0.5057	0.4354	0.2670	-0.5707	*****	*****	*****	*****	-0.5707
-0.700	*****	0.5078	0.4368	0.2723	-0.5354	*****	*****	*****	*****	-0.5354
-0.800	*****	*****	0.4299	0.2861	-0.4563	*****	*****	*****	*****	-0.4563
-0.850	*****	0.4471	0.4087	0.2892	-0.4271	*****	*****	*****	*****	-0.4271
-0.900	0.4610	0.3679	0.3630	0.2647	-0.3777	*****	*****	*****	*****	-0.3777
-0.950	0.3692	0.1310	0.2204	0.1754	-0.1453	*****	*****	*****	*****	-0.1453
-0.975	*****	-0.0219	0.0382	0.0327	-0.1173	*****	*****	*****	*****	-0.1173
-1.000	-1.4404	-1.3648	-0.6652	-0.6652	-0.7235	-0.4514	*****	*****	*****	-0.4514

Small Radius L.E.
 Run No. = 40 , Point No. = 833
 $C_N = 1.088$, $C_m = -0.1762$
 $\alpha = 24.6^\circ$, $M_\infty = 0.830$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.3039	*****
0.20	-1.4080	-1.4404
0.30	-1.3754	*****
0.40	-1.3694	-1.3648
0.50	-1.2987	*****
0.60	-0.6467	-0.6652
0.70	-0.6478	*****
0.80	-0.7226	-0.7235
0.90	-0.5575	*****
0.95	-0.4596	-0.4514

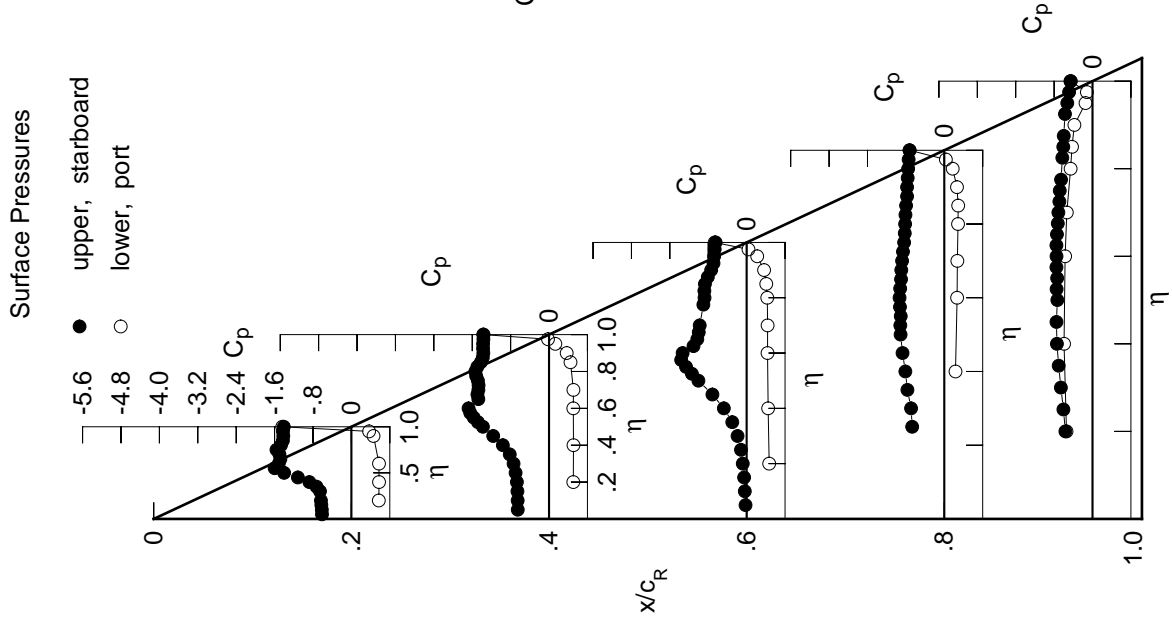


Table D4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6476	-0.6882	-0.0380	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6497	-0.6906	-0.0538	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6625	-0.6983	-0.0670	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6714	-0.7131	-0.0919	*****	*****	*****	*****	*****	*****	-0.6234
0.250	*****	-0.7492	-0.1361	-0.8194	-0.8194	-0.6861	*****	*****	*****	*****
0.300	-0.7148	-0.8021	-0.2121	-0.8271	-0.7368	*****	*****	*****	*****	*****
0.350	-0.8117	-0.8941	-0.3323	-0.8741	-0.7524	*****	*****	*****	*****	*****
0.400	-0.9928	-1.0459	-0.5211	-0.8789	-0.7542	*****	*****	*****	*****	*****
0.450	-1.2388	-1.2414	-0.7538	-0.8971	-0.7414	*****	*****	*****	*****	*****
0.500	-1.4918	-1.4382	-1.0329	-0.9137	-0.7259	*****	*****	*****	*****	*****
0.525	*****	-1.5295	-1.1559	-0.9207	-0.7421	*****	*****	*****	*****	*****
0.550	-1.6674	-1.6080	-1.2626	-0.9114	-0.7410	*****	*****	*****	*****	*****
0.575	-1.6707	-1.3419	-0.9328	-0.7565	*****	*****	*****	*****	*****	*****
0.600	-1.5921	-1.6727	-1.2738	-0.9434	-0.7560	*****	*****	*****	*****	*****
0.625	*****	*****	-1.0685	-0.9345	-0.7599	*****	*****	*****	*****	*****
0.650	-1.5395	-1.4968	-1.0038	-0.9193	-0.7506	*****	*****	*****	*****	*****
0.675	*****	-1.5184	-0.9760	-0.9201	-0.7342	*****	*****	*****	*****	*****
0.700	-1.5125	-1.5013	-0.9576	-0.9064	-0.7219	*****	*****	*****	*****	*****
0.725	*****	-1.4992	*****	-0.8952	-0.7051	*****	*****	*****	*****	*****
0.750	-1.5451	-1.5139	*****	-0.8745	-0.6933	*****	*****	*****	*****	*****
0.775	*****	-1.5532	-0.8795	-0.8618	-0.6678	*****	*****	*****	*****	*****
0.800	-1.4834	-1.5764	-0.8529	-0.8517	*****	*****	*****	*****	*****	*****
0.825	*****	-1.5284	-0.8439	-0.8468	-0.6384	*****	*****	*****	*****	*****
0.850	-1.4441	-1.4522	-0.8349	-0.8320	-0.6229	*****	*****	*****	*****	*****
0.875	*****	-1.4120	-0.8003	-0.8112	-0.6092	*****	*****	*****	*****	*****
0.900	-1.4339	-1.4037	-0.7561	-0.8107	*****	*****	*****	*****	*****	*****
0.925	*****	-1.4138	-0.7154	-0.7945	-0.5840	*****	*****	*****	*****	*****
0.950	-1.4424	-1.4161	-0.7045	-0.7833	-0.5409	*****	*****	*****	*****	*****
0.975	*****	-1.4122	-0.6991	-0.7663	-0.5025	*****	*****	*****	*****	*****
1.000	-1.4237	-1.4146	-0.6818	-0.7429	-0.4710	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5979	0.5282	0.4902	*****	-0.5241	*****	*****	*****	*****	*****
-0.600	0.6020	0.5315	0.4665	0.2512	-0.5767	*****	*****	*****	*****	*****
-0.700	0.5984	0.5269	0.4559	0.2808	-0.5501	*****	*****	*****	*****	*****
-0.800	*****	0.5281	0.4537	0.2882	-0.5199	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4442	0.2966	-0.4413	*****	*****	*****	*****	*****
-0.900	*****	0.4579	0.4188	0.2993	-0.4120	*****	*****	*****	*****	*****
-0.950	0.4703	0.3727	0.3674	0.2715	-0.3624	*****	*****	*****	*****	*****
-0.975	0.3720	0.1273	0.2129	0.1721	-0.1390	*****	*****	*****	*****	*****
-1.000	*****	-0.0361	0.0216	0.0178	-0.1199	*****	*****	*****	*****	*****
	-1.4558	-1.4063	-0.7119	-0.7392	-0.4590	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 40 , Point No. = 834
 $C_N = 1.138$, $C_m = -0.1822$
 $\alpha = 25.6^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$

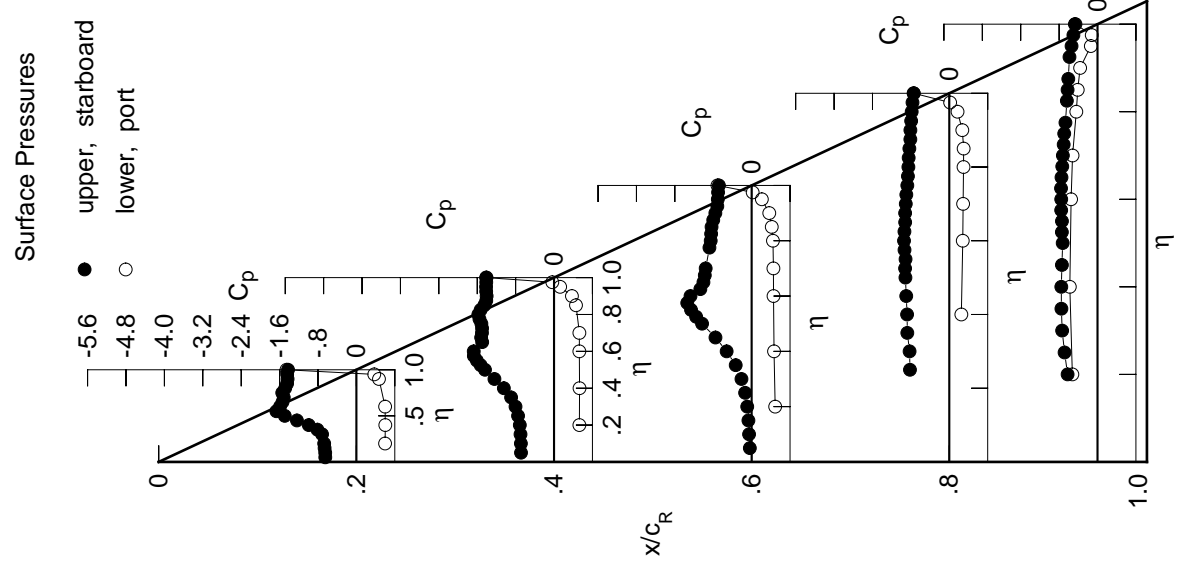
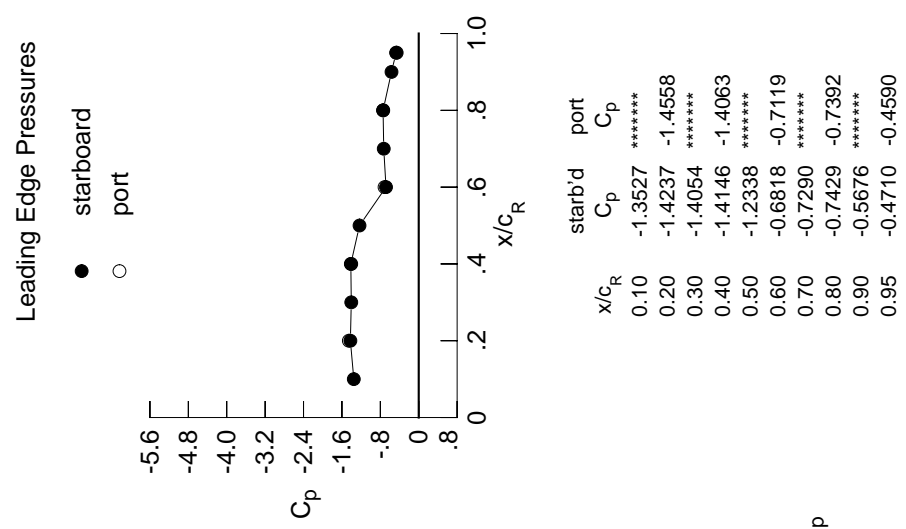
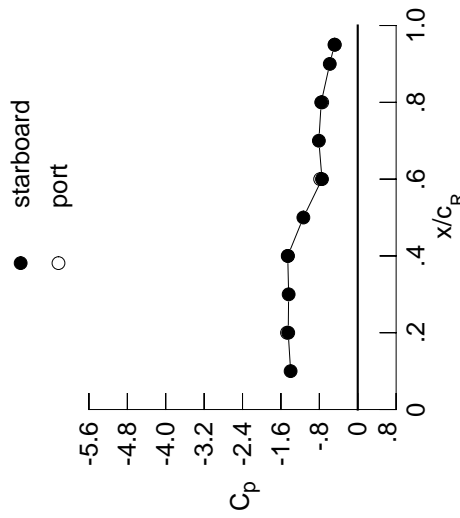


Table D4. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6884	-0.7236	-0.0924	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6909	-0.7278	-0.1065	*****	*****	*****	*****	*****	*****	*****
0.150	-0.7055	-0.7413	-0.1180	*****	*****	*****	*****	*****	*****	*****
0.200	-0.7191	-0.7577	-0.1441	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.8008	-0.1880	-0.9471	-0.7699	*****	*****	*****	*****	*****
0.300	-0.7841	-0.8634	-0.2711	-0.9205	-0.8133	*****	*****	*****	*****	*****
0.350	-0.9028	-0.9672	-0.3994	-0.9189	-0.7894	*****	*****	*****	*****	*****
0.400	-1.0995	-1.1247	-0.5907	-0.8851	-0.7512	*****	*****	*****	*****	*****
0.450	-1.3361	-1.3150	-0.8096	-0.8791	-0.7269	*****	*****	*****	*****	*****
0.500	-1.5580	-1.4909	-1.0658	-0.9016	-0.7221	*****	*****	*****	*****	*****
0.525	*****	-1.5768	-1.1744	-0.9130	-0.7453	*****	*****	*****	*****	*****
0.550	-1.7092	-1.6419	-1.2570	-0.9208	-0.7500	*****	*****	*****	*****	*****
0.575	*****	-1.7007	-1.3099	-0.9420	-0.7707	*****	*****	*****	*****	*****
0.600	-1.6182	-1.6721	-1.2340	-0.9575	-0.7730	*****	*****	*****	*****	*****
0.625	*****	*****	-1.0502	-0.9503	-0.7798	*****	*****	*****	*****	*****
0.650	-1.5843	-1.5194	-0.9870	-0.9434	-0.7715	*****	*****	*****	*****	*****
0.675	*****	-1.5457	-0.9690	-0.9443	-0.7530	*****	*****	*****	*****	*****
0.700	-1.5784	-1.5296	-0.9551	-0.9324	-0.7450	*****	*****	*****	*****	*****
0.725	*****	-1.5309	*****	-0.9220	-0.7265	*****	*****	*****	*****	*****
0.750	-1.5996	-1.5425	*****	-0.9034	-0.7156	*****	*****	*****	*****	*****
0.775	*****	-1.5853	-0.8932	-0.8997	-0.6888	*****	*****	*****	*****	*****
0.800	-1.5337	-1.6086	-0.8716	-0.8892	*****	*****	*****	*****	*****	*****
0.825	*****	-1.5611	-0.8552	-0.8838	-0.6595	*****	*****	*****	*****	*****
0.850	-1.4732	-1.4854	-0.8433	-0.8692	-0.6367	*****	*****	*****	*****	*****
0.875	*****	-1.4467	-0.8246	-0.8428	-0.6245	*****	*****	*****	*****	*****
0.900	-1.4533	-1.4432	-0.7995	-0.8431	*****	*****	*****	*****	*****	*****
0.925	*****	-1.4548	-0.7687	-0.8243	-0.5943	*****	*****	*****	*****	*****
0.950	-1.4626	-1.4549	-0.7620	-0.8087	-0.5530	*****	*****	*****	*****	*****
0.975	*****	-1.4527	-0.7597	-0.7907	-0.5175	*****	*****	*****	*****	*****
1.000	-1.4481	-1.4582	-0.7444	-0.7607	-0.4846	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.6253	0.5519	0.5089	*****	*****	*****	*****	*****	*****	*****
-0.600	0.6282	0.5570	0.4859	0.2681	-0.5610	*****	*****	*****	*****	*****
-0.700	0.6226	0.5489	0.4753	0.2988	-0.5344	*****	*****	*****	*****	*****
-0.800	*****	0.5462	0.4707	0.3038	-0.5061	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4582	0.3113	-0.4274	*****	*****	*****	*****	*****
-0.900	*****	0.4681	0.4285	0.3102	-0.3992	*****	*****	*****	*****	*****
-0.950	0.4796	0.3753	0.3693	0.2769	-0.3483	*****	*****	*****	*****	*****
-0.975	0.3749	0.1311	0.2026	0.1673	-0.1367	*****	*****	*****	*****	*****
-1.000	*****	-0.0509	0.0010	0.0059	-0.1276	*****	*****	*****	*****	*****
	-1.4739	-1.4533	-0.7835	-0.7398	-0.4777	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 40 , Point No. = 835
 $C_N = 1.183$, $C_m = -0.1870$
 $\alpha = 26.7^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.3981	*****
0.20	-1.4481	-1.4739
0.30	-1.4394	*****
0.40	-1.4582	-1.4533
0.50	-1.1327	*****
0.60	-0.7444	-0.7835
0.70	-0.8100	*****
0.80	-0.7607	-0.7398
0.90	-0.5827	*****
0.95	-0.4846	-0.4777

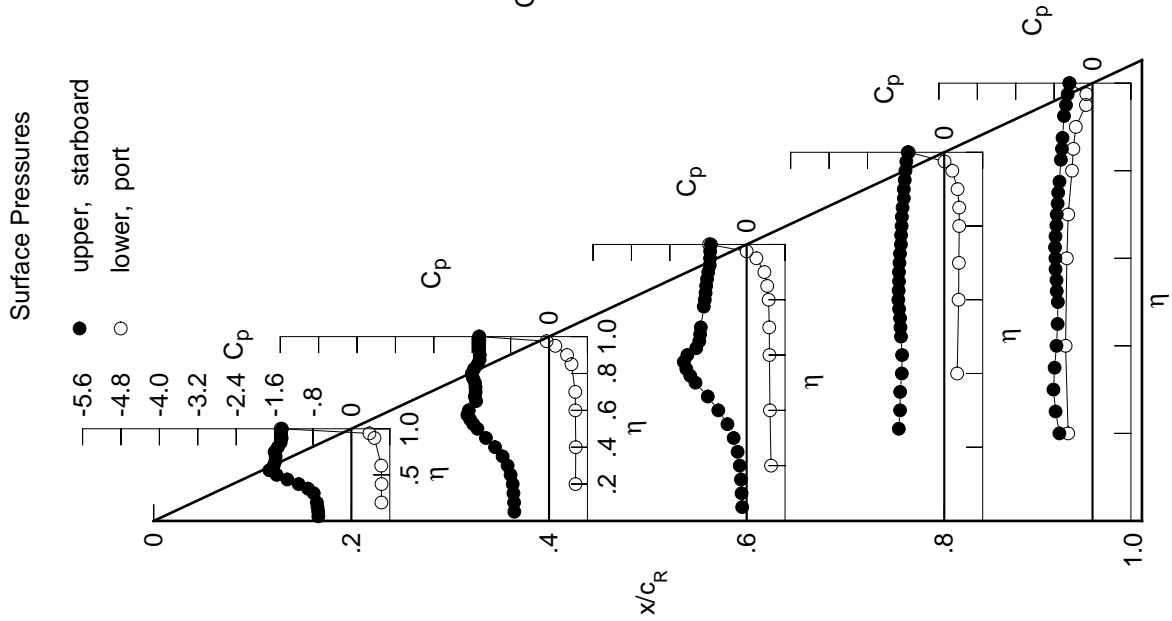


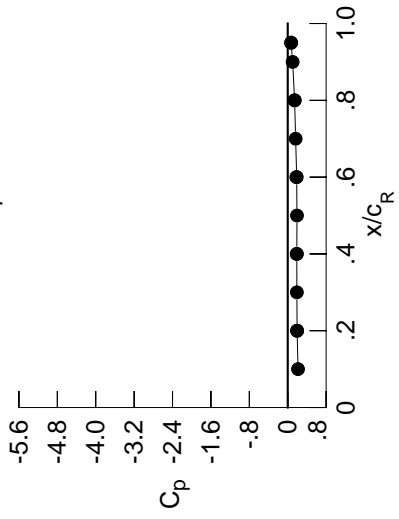
Table D4. Concluded.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0130	-0.0020	0.1200	*****	*****	*****	*****	*****	*****	
0.100	-0.0135	-0.0023	0.1119	*****	*****	*****	*****	*****	*****	
0.150	-0.0151	-0.0021	0.0946	*****	*****	*****	*****	*****	*****	
0.200	-0.0154	-0.0004	0.0870	*****	*****	*****	*****	*****	*****	
0.250	*****	-0.0022	0.0705	-0.1321	-0.2847	*****	*****	*****	*****	
0.300	-0.0365	-0.0030	0.0625	-0.1168	-0.3324	*****	*****	*****	*****	
0.350	-0.0467	-0.0051	0.0486	-0.1046	-0.3567	*****	*****	*****	*****	
0.400	-0.0495	-0.0050	0.0416	-0.0963	-0.3735	*****	*****	*****	*****	
0.450	-0.0569	-0.0104	0.0404	-0.0901	-0.3777	*****	*****	*****	*****	
0.500	-0.0596	-0.0113	0.0261	-0.0837	-0.3932	*****	*****	*****	*****	
0.525	*****	-0.0136	0.0234	-0.0848	-0.4138	*****	*****	*****	*****	
0.550	-0.0658	-0.0174	0.0201	-0.0796	-0.4235	*****	*****	*****	*****	
0.575	*****	-0.0178	0.0195	-0.0801	-0.4551	*****	*****	*****	*****	
0.600	-0.0689	-0.0192	0.0122	-0.0815	-0.4853	*****	*****	*****	*****	
0.625	*****	*****	0.0108	-0.0769	-0.5224	*****	*****	*****	*****	
0.650	-0.0683	-0.0417	0.0092	-0.0786	-0.5639	*****	*****	*****	*****	
0.675	*****	-0.0489	0.0025	-0.0769	-0.6054	*****	*****	*****	*****	
0.700	-0.0632	-0.0547	-0.0032	-0.0777	-0.6554	*****	*****	*****	*****	
0.725	*****	-0.0591	*****	-0.0784	-0.7009	*****	*****	*****	*****	
0.750	-0.0496	-0.0692	*****	-0.0811	-0.7300	*****	*****	*****	*****	
0.775	*****	-0.0714	-0.0370	-0.0847	-0.7313	*****	*****	*****	*****	
0.800	-0.0340	-0.0759	-0.0466	-0.0854	*****	*****	*****	*****	*****	
0.825	*****	-0.0766	-0.0594	-0.1026	-0.7033	*****	*****	*****	*****	
0.850	-0.0055	-0.0739	-0.0699	-0.1121	-0.6287	*****	*****	*****	*****	
0.875	*****	-0.0597	-0.0734	-0.1269	-0.6216	*****	*****	*****	*****	
0.900	0.0294	-0.0395	-0.0699	-0.1372	*****	*****	*****	*****	*****	
0.925	*****	-0.0186	-0.0537	-0.1276	-0.6160	*****	*****	*****	*****	
0.950	0.0742	0.0178	-0.0170	-0.0965	-0.3503	*****	*****	*****	*****	
0.975	*****	0.0620	0.0416	-0.0306	-0.1967	*****	*****	*****	*****	
1.000	0.1954	0.1893	0.1866	0.1434	0.0698	*****	*****	*****	*****	
η	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.200	-0.0218	-0.0009	0.0768	*****	-0.2959	*****	*****	*****	*****	
-0.400	-0.0530	-0.0050	0.0383	-0.0969	-0.3656	*****	*****	*****	*****	
-0.600	-0.0742	-0.0143	0.0086	-0.0804	-0.4784	*****	*****	*****	*****	
-0.700	*****	-0.0579	-0.0041	-0.0777	-0.6530	*****	*****	*****	*****	
-0.800	*****	*****	-0.0595	-0.0668	-0.7241	*****	*****	*****	*****	
-0.850	*****	-0.0789	-0.0792	-0.1242	-0.6251	*****	*****	*****	*****	
-0.900	-0.0146	-0.0508	-0.0802	-0.1467	-0.5741	*****	*****	*****	*****	
-0.950	0.0203	0.0134	-0.0281	-0.1112	-0.3610	*****	*****	*****	*****	
-0.975	*****	0.0621	0.0265	-0.0386	-0.2062	*****	*****	*****	*****	
-1.000	0.1957	0.1872	0.1799	0.1458	0.0722	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 40 , Point No. = 836
 $C_N = -0.011$, $C_m = 0.0032$
 $\alpha = 0.1^\circ$, $M_\infty = 0.829$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2145	*****
0.20	0.1954	0.1957
0.30	0.1905	*****
0.40	0.1893	0.1872
0.50	0.1929	*****
0.60	0.1866	0.1799
0.70	0.1646	*****
0.80	0.1434	0.1458
0.90	0.1025	*****
0.95	0.0698	0.0722

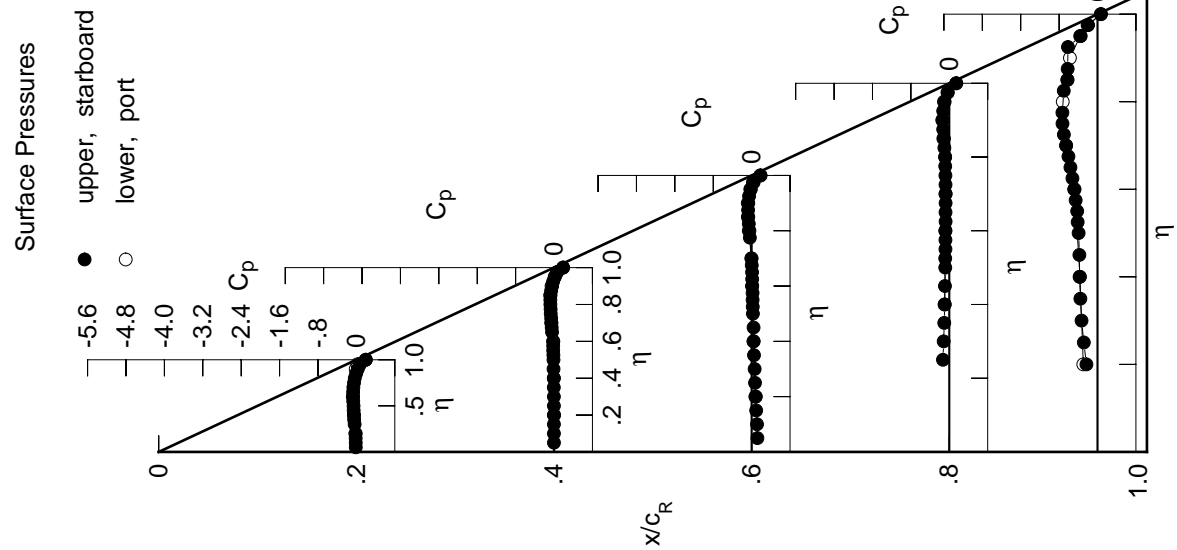


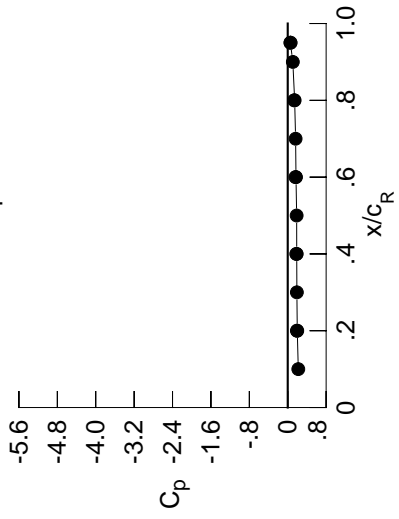
Table D5. Tabulations and Plots of Surface Pressure Coefficients.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0038	0.0101	0.1335	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0041	0.0062	0.1247	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0032	0.0089	0.1099	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0084	0.0097	0.0982	*****	*****	*****	*****	*****	*****	*****
0.250	*****	0.0043	0.0876	-0.1312	-0.3991	*****	*****	*****	*****	*****
0.300	-0.0253	0.0072	0.0764	-0.1139	-0.4289	*****	*****	*****	*****	*****
0.350	-0.0306	0.0016	0.0648	-0.1021	-0.4565	*****	*****	*****	*****	*****
0.400	-0.0298	0.0050	0.0597	-0.0951	-0.4886	*****	*****	*****	*****	*****
0.450	-0.0437	-0.0022	0.0559	-0.0854	-0.5146	*****	*****	*****	*****	*****
0.500	-0.0475	-0.0002	0.0439	-0.0823	-0.5349	*****	*****	*****	*****	*****
0.525	*****	-0.0060	0.0420	-0.0779	-0.5684	*****	*****	*****	*****	*****
0.550	-0.0518	-0.0051	0.0374	-0.0763	-0.5798	*****	*****	*****	*****	*****
0.575	*****	-0.0092	0.0367	-0.0733	-0.6076	*****	*****	*****	*****	*****
0.600	-0.0556	-0.0080	0.0276	-0.0717	-0.6253	*****	*****	*****	*****	*****
0.625	*****	*****	0.0324	-0.0685	-0.6443	*****	*****	*****	*****	*****
0.650	-0.0521	-0.0140	0.0215	-0.0684	-0.6623	*****	*****	*****	*****	*****
0.675	*****	-0.0250	0.0186	-0.0731	-0.6787	*****	*****	*****	*****	*****
0.700	-0.0466	-0.0396	0.0138	-0.0671	-0.6945	*****	*****	*****	*****	*****
0.725	*****	-0.0472	*****	-0.0697	-0.7054	*****	*****	*****	*****	*****
0.750	-0.0305	-0.0524	*****	-0.0654	-0.7085	*****	*****	*****	*****	*****
0.775	*****	-0.0587	-0.0068	-0.0728	-0.6991	*****	*****	*****	*****	*****
0.800	-0.0109	-0.0578	-0.0264	-0.0724	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0572	-0.0403	-0.0749	-0.6930	*****	*****	*****	*****	*****
0.850	0.0143	-0.0534	-0.0448	-0.0952	-0.6372	*****	*****	*****	*****	*****
0.875	*****	-0.0415	-0.0459	-0.1028	-0.6363	*****	*****	*****	*****	*****
0.900	0.0535	-0.0162	-0.0391	-0.1116	*****	*****	*****	*****	*****	*****
0.925	*****	0.0076	-0.0253	-0.1019	-0.6863	*****	*****	*****	*****	*****
0.950	0.0962	0.0438	0.0184	-0.0666	-0.3173	*****	*****	*****	*****	*****
0.975	*****	0.0884	0.0723	-0.0018	-0.1761	*****	*****	*****	*****	*****
1.000	0.1988	0.1873	0.1721	0.1441	0.0555	*****	*****	*****	*****	*****
η	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0266	-0.0114	0.0828	*****	-0.3774	*****	*****	*****	*****	*****
-0.400	-0.0625	-0.0106	0.0429	-0.1075	-0.4338	*****	*****	*****	*****	*****
-0.600	-0.0856	-0.0258	0.0077	-0.0866	-0.5990	*****	*****	*****	*****	*****
-0.700	*****	-0.0724	-0.0067	-0.0882	-0.6923	*****	*****	*****	*****	*****
-0.800	*****	*****	-0.0690	-0.0892	-0.6931	*****	*****	*****	*****	*****
-0.850	*****	-0.0982	-0.0909	-0.1365	-0.5680	*****	*****	*****	*****	*****
-0.900	-0.0300	-0.0742	-0.0985	-0.1681	-0.4674	*****	*****	*****	*****	*****
-0.950	0.0036	-0.0026	-0.0528	-0.1369	-0.3578	*****	*****	*****	*****	*****
-0.975	*****	0.0359	0.0009	-0.0733	-0.2267	*****	*****	*****	*****	*****
-1.000	0.1911	0.1777	0.1605	0.1337	0.0597	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 42, Point No. = 866
 $C_N = -0.029$, $C_m = 0.0061$
 $\alpha = -0.4^\circ$, $M_\infty = 0.870$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2199	*****
0.20	0.1988	0.1911
0.30	0.1906	*****
0.40	0.1873	0.1777
0.50	0.1860	*****
0.60	0.1721	0.1605
0.70	0.1642	*****
0.80	0.1441	0.1337
0.90	0.1062	*****
0.95	0.0555	0.0597

Surface Pressures

● upper, starboard
 ○ lower, port

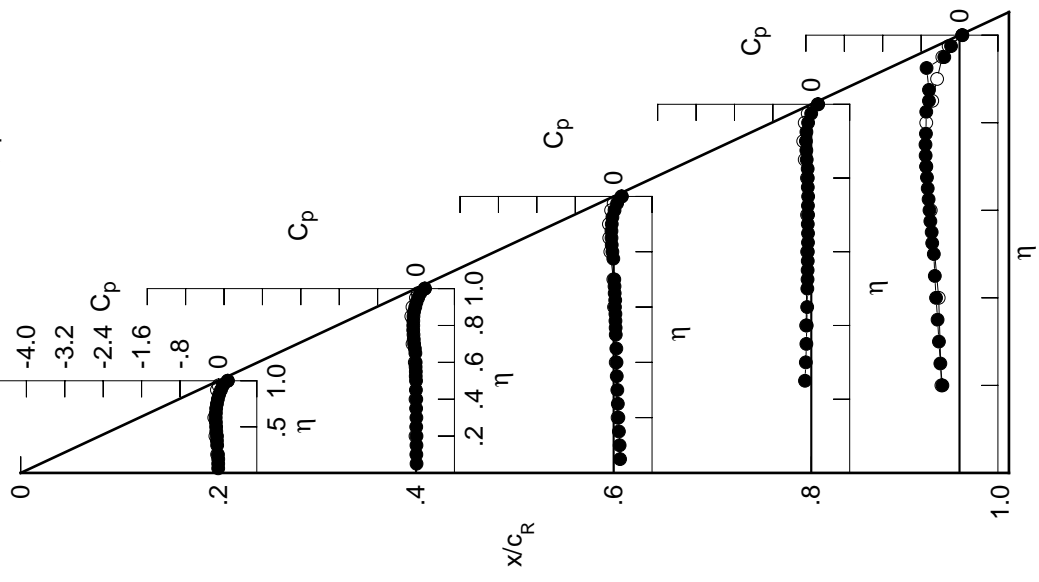


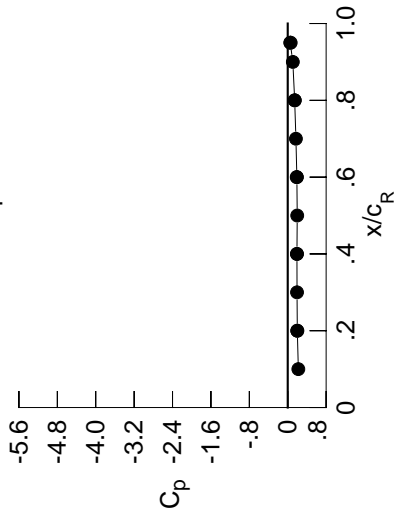
Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0121	0.0021	0.1310	0.1310	0.1310	0.1310	0.1310	0.1310	0.1310	0.1310
0.100	-0.0089	0.0013	0.1211	0.1211	0.1211	0.1211	0.1211	0.1211	0.1211	0.1211
0.150	-0.0126	-0.0007	0.1079	0.1079	0.1079	0.1079	0.1079	0.1079	0.1079	0.1079
0.200	-0.0167	0.0018	0.0962	0.0962	0.0962	0.0962	0.0962	0.0962	0.0962	0.0962
0.250	*****	-0.0037	0.0836	0.0836	0.0836	0.0836	0.0836	0.0836	0.0836	0.0836
0.300	-0.0345	-0.0030	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690	0.0690
0.350	-0.0429	-0.0050	0.0613	0.0613	0.0613	0.0613	0.0613	0.0613	0.0613	0.0613
0.400	-0.0486	-0.0060	0.0518	0.0518	0.0518	0.0518	0.0518	0.0518	0.0518	0.0518
0.450	-0.0547	-0.0094	0.0521	0.0521	0.0521	0.0521	0.0521	0.0521	0.0521	0.0521
0.500	-0.0592	-0.0127	0.0364	0.0364	0.0364	0.0364	0.0364	0.0364	0.0364	0.0364
0.525	*****	-0.0129	0.0356	0.0356	0.0356	0.0356	0.0356	0.0356	0.0356	0.0356
0.550	-0.0642	-0.0161	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303
0.575	*****	-0.0161	0.0295	0.0295	0.0295	0.0295	0.0295	0.0295	0.0295	0.0295
0.600	-0.0673	-0.0144	0.0214	0.0214	0.0214	0.0214	0.0214	0.0214	0.0214	0.0214
0.625	*****	*****	0.0216	0.0216	0.0216	0.0216	0.0216	0.0216	0.0216	0.0216
0.650	-0.0669	-0.0377	0.0158	0.0158	0.0158	0.0158	0.0158	0.0158	0.0158	0.0158
0.675	*****	-0.0459	0.0077	0.0077	0.0077	0.0077	0.0077	0.0077	0.0077	0.0077
0.700	-0.0600	-0.0550	0.0053	0.0053	0.0053	0.0053	0.0053	0.0053	0.0053	0.0053
0.725	*****	-0.0611	*****	0.0766	0.0766	0.0766	0.0766	0.0766	0.0766	0.0766
0.750	-0.0491	-0.0681	*****	0.0791	0.0791	0.0791	0.0791	0.0791	0.0791	0.0791
0.775	*****	-0.0739	-0.0305	0.0786	0.0786	0.0786	0.0786	0.0786	0.0786	0.0786
0.800	-0.0281	-0.0773	0.0394	0.0394	0.0394	0.0394	0.0394	0.0394	0.0394	0.0394
0.825	*****	-0.0757	-0.0518	0.0989	0.0989	0.0989	0.0989	0.0989	0.0989	0.0989
0.850	-0.0029	-0.0705	0.0629	0.0629	0.0629	0.0629	0.0629	0.0629	0.0629	0.0629
0.875	*****	-0.0614	-0.0657	0.1201	0.1201	0.1201	0.1201	0.1201	0.1201	0.1201
0.900	0.0351	-0.0401	-0.0626	-0.1353	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0149	-0.0468	-0.1265	-0.5702	*****	*****	*****	*****	*****
0.950	0.0780	0.0195	-0.0073	-0.0942	-0.3315	*****	*****	*****	*****	*****
0.975	*****	0.0660	0.0473	-0.0320	-0.1958	*****	*****	*****	*****	*****
1.000	0.1996	0.1918	0.1903	0.1447	0.0519	*****	*****	*****	*****	*****
η	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0181	-0.0028	0.0929	0.0929	0.0929	0.0929	0.0929	0.0929	0.0929	0.0929
-0.400	-0.0507	0.0001	0.0489	-0.1022	-0.4537	*****	*****	*****	*****	*****
-0.600	-0.0723	-0.0132	0.0174	-0.0781	-0.6257	*****	*****	*****	*****	*****
-0.700	*****	-0.0566	0.0032	-0.0783	-0.6943	*****	*****	*****	*****	*****
-0.800	*****	*****	-0.0507	-0.0837	-0.6935	*****	*****	*****	*****	*****
-0.850	*****	-0.0773	-0.0715	-0.1181	-0.5809	*****	*****	*****	*****	*****
-0.900	-0.0106	-0.0493	-0.0737	-0.1446	-0.5274	*****	*****	*****	*****	*****
-0.950	0.0234	0.0162	-0.0228	-0.1062	-0.3410	*****	*****	*****	*****	*****
-0.975	*****	0.0647	0.0331	-0.0402	-0.2027	*****	*****	*****	*****	*****
-1.000	0.1992	0.1921	0.1873	0.1474	0.0613	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 42, Point No. = 867
 $C_N = -0.014$, $C_m = 0.0061$
 $\alpha = 0.1^\circ$, $M_\infty = 0.871$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2211	*****
0.20	0.1996	0.1992
0.30	0.1937	*****
0.40	0.1918	0.1921
0.50	0.1978	*****
0.60	0.1903	0.1873
0.70	0.1706	*****
0.80	0.1447	0.1474
0.90	0.1062	*****
0.95	0.0519	0.0613

Surface Pressures

● upper, starboard
 ○ lower, port

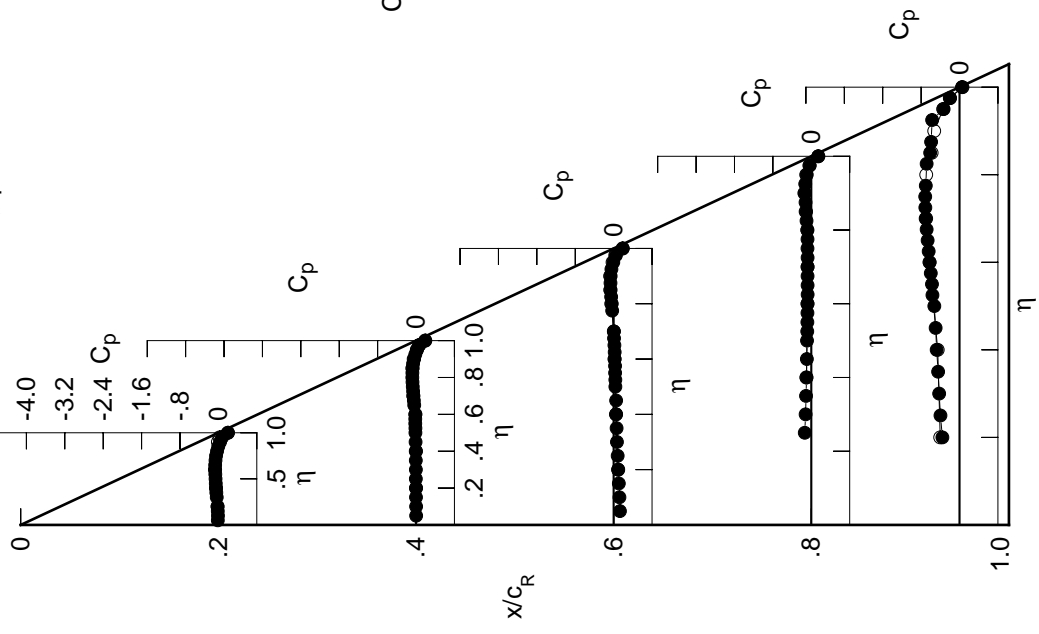


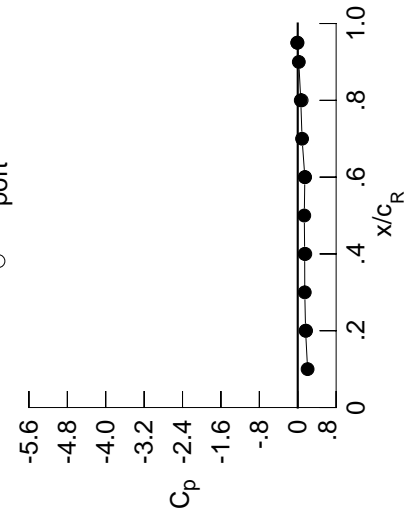
Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0312	-0.0166	0.1164	*****	*****	*****	*****	*****	*****	
0.100	-0.0305	-0.0187	0.1054	*****	*****	*****	*****	*****	*****	
0.150	-0.0344	-0.0181	0.0941	*****	*****	*****	*****	*****	*****	
0.200	-0.0405	-0.0163	0.0791	*****	*****	*****	*****	*****	*****	
0.250	*****	-0.0230	0.0690	-0.1508	-0.3598	*****	*****	*****	*****	
0.300	-0.0604	-0.0207	0.0549	-0.1324	-0.3847	*****	*****	*****	*****	
0.350	-0.0668	-0.0251	0.0460	-0.1222	-0.4120	*****	*****	*****	*****	
0.400	-0.0730	-0.0239	0.0360	-0.1141	-0.4324	*****	*****	*****	*****	
0.450	-0.0805	-0.0295	0.0354	-0.1061	-0.4358	*****	*****	*****	*****	
0.500	-0.0878	-0.0314	0.0187	-0.1025	-0.4999	*****	*****	*****	*****	
0.525	*****	-0.0351	0.0178	-0.1011	-0.5244	*****	*****	*****	*****	
0.550	-0.0936	-0.0368	0.0119	-0.0957	-0.5491	*****	*****	*****	*****	
0.575	*****	-0.0378	0.0117	-0.0972	-0.5732	*****	*****	*****	*****	
0.600	-0.0989	-0.0432	0.0010	-0.0948	-0.5837	*****	*****	*****	*****	
0.625	*****	*****	0.0034	-0.0963	-0.5858	*****	*****	*****	*****	
0.650	-0.0994	-0.0813	-0.0065	-0.0971	-0.6271	*****	*****	*****	*****	
0.675	*****	-0.0838	-0.0110	-0.0985	-0.6758	*****	*****	*****	*****	
0.700	-0.0966	-0.0895	-0.0176	-0.0958	-0.7106	*****	*****	*****	*****	
0.725	*****	-0.0947	*****	-0.0972	-0.7233	*****	*****	*****	*****	
0.750	-0.0861	-0.1035	*****	-0.1006	-0.7245	*****	*****	*****	*****	
0.775	*****	-0.1131	-0.0812	-0.1015	-0.7098	*****	*****	*****	*****	
0.800	-0.0683	-0.1191	-0.0868	-0.0999	*****	*****	*****	*****	*****	
0.825	*****	-0.1217	-0.0960	-0.1453	-0.6275	*****	*****	*****	*****	
0.850	-0.0448	-0.1187	-0.1094	-0.1520	-0.5458	*****	*****	*****	*****	
0.875	*****	-0.1112	-0.1128	-0.1609	-0.5435	*****	*****	*****	*****	
0.900	-0.0087	-0.0928	-0.1171	-0.1831	*****	*****	*****	*****	*****	
0.925	*****	-0.0722	-0.1053	-0.1840	-0.5149	*****	*****	*****	*****	
0.950	0.0298	-0.0401	-0.0764	-0.1586	-0.3655	*****	*****	*****	*****	
0.975	*****	-0.0003	-0.0234	-0.1036	-0.2504	*****	*****	*****	*****	
1.000	0.1634	0.1448	0.1481	0.0632	-0.0107	*****	*****	*****	*****	
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.200	-0.0003	0.0126	0.1016	*****	-0.4261	*****	*****	*****	*****	
-0.400	-0.0307	0.0164	0.0600	-0.0890	-0.4808	*****	*****	*****	*****	
-0.600	-0.0449	0.0012	0.0354	-0.0663	-0.6450	*****	*****	*****	*****	
-0.700	*****	-0.0204	0.0186	-0.0632	-0.6936	*****	*****	*****	*****	
-0.800	*****	*****	-0.0092	-0.0636	-0.6847	*****	*****	*****	*****	
-0.850	*****	-0.0348	-0.0334	-0.0816	-0.6810	*****	*****	*****	*****	
-0.900	0.0251	-0.0014	-0.0261	-0.1007	-0.5887	*****	*****	*****	*****	
-0.950	0.0613	0.0491	0.0327	-0.0496	-0.3099	*****	*****	*****	*****	
-0.975	*****	0.1140	0.0894	0.0185	-0.1590	*****	*****	*****	*****	
-1.000	0.1736	0.1578	0.1519	0.0816	-0.0047	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 42, Point No. = 868
 $C_N = 0.030$, $C_m = -0.0028$
 $\alpha = 1.1^\circ$, $M_\infty = 0.870$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2054	*****
0.20	0.1634	0.1736
0.30	0.1467	*****
0.40	0.1448	0.1578
0.50	0.1364	*****
0.60	0.1481	0.1519
0.70	0.0905	*****
0.80	0.0632	0.0816
0.90	0.0223	*****
0.95	-0.0107	-0.0047

Surface Pressures

● upper, starboard
 ○ lower, port

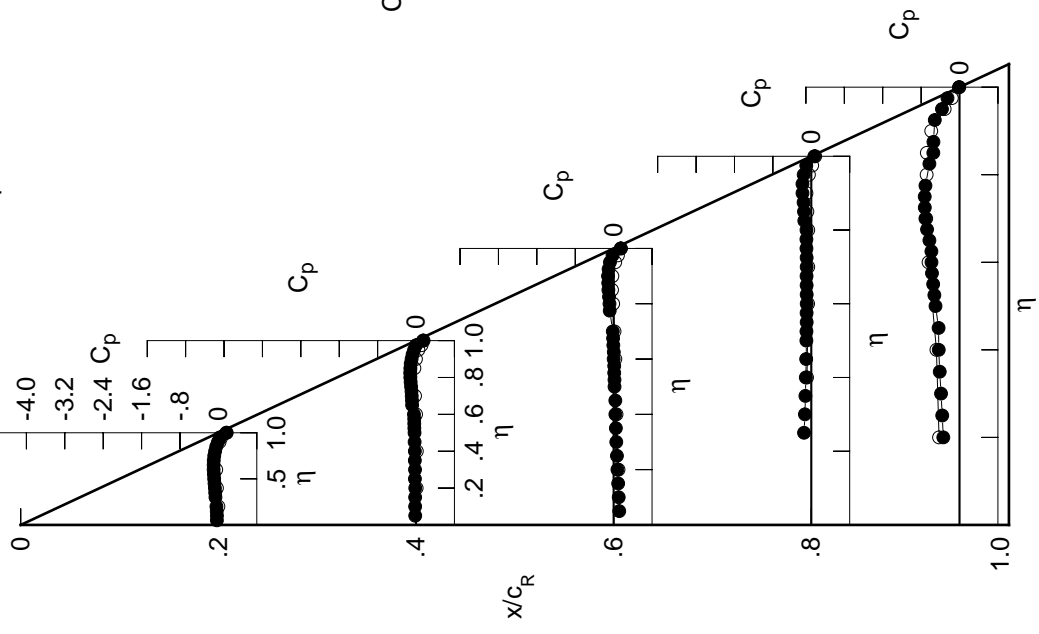


Table D5. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0533	-0.0389	0.1044	*****	*****
0.100	-0.0562	-0.0361	0.0936	*****	*****
0.150	-0.0572	-0.0331	0.0811	*****	*****
0.200	-0.0603	-0.0335	0.0670	*****	-0.3184
0.250	*****	-0.0362	0.0552	0.1670	-0.3274
0.300	-0.0845	-0.0410	0.0412	-0.1429	-0.3559
0.350	-0.0890	-0.0406	0.0317	-0.1382	-0.3747
0.400	-0.0953	-0.0471	0.0230	-0.1252	-0.3908
0.450	-0.1016	-0.0464	0.0186	-0.1222	-0.4215
0.500	-0.1118	-0.0542	0.0054	-0.1170	-0.4448
0.525	*****	-0.0515	0.0007	-0.1168	-0.4742
0.550	-0.1200	-0.0558	-0.0027	-0.1110	-0.4901
0.575	*****	-0.0579	-0.0080	-0.1136	-0.5020
0.600	-0.1272	-0.0563	-0.0136	-0.1093	-0.5075
0.625	*****	*****	-0.0161	-0.1132	-0.5411
0.650	-0.1310	-0.1090	-0.0230	-0.1151	-0.6062
0.675	*****	-0.1241	-0.0328	-0.1139	-0.6638
0.700	-0.1312	-0.1293	-0.0379	-0.1165	-0.7046
0.725	*****	-0.1298	*****	-0.1172	-0.7300
0.750	-0.1234	-0.1390	*****	-0.1226	-0.7307
0.775	*****	-0.1496	-0.0607	-0.1250	-0.6979
0.800	-0.1070	-0.1568	-0.1296	-0.1322	*****
0.825	*****	-0.1642	-0.1334	-0.1577	-0.5427
0.850	-0.0881	-0.1690	-0.1500	-0.2008	-0.4820
0.875	*****	-0.1655	-0.1597	-0.2038	-0.4502
0.900	-0.0547	-0.1519	-0.1725	-0.2303	*****
0.925	*****	-0.1348	-0.1683	-0.2406	-0.4025
0.950	-0.0195	-0.1043	-0.1503	-0.2280	-0.3890
0.975	*****	-0.0701	-0.1045	-0.1877	-0.3102
1.000	0.0851	0.0150	0.0018	-0.1332	-0.1493
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0232	0.0300	0.1176	*****	-0.4432
-0.400	-0.0038	0.0328	0.0735	-0.0730	-0.5138
-0.600	-0.0161	0.0219	0.0561	-0.0517	-0.6610
-0.700	*****	0.0054	0.0372	-0.0425	-0.6930
-0.800	*****	*****	0.0167	-0.0409	-0.6713
-0.850	*****	0.0072	0.0061	-0.0533	-0.6742
-0.900	0.0622	0.0424	0.0186	-0.0550	-0.7029
-0.950	0.0969	0.0787	0.0794	0.0011	-0.2820
-0.975	*****	0.1539	0.1326	0.0649	-0.1236
-1.000	0.0973	0.0370	0.0068	-0.1213	-0.1664

Small Radius L.E.
 Run No. = 42 , Point No. = 869
 $C_N = 0.071$, $C_m = -0.0099$
 $\alpha = 2.2^\circ$, $M_\infty = 0.870$
 $R_{mac} = 6.0 \times 10^6$

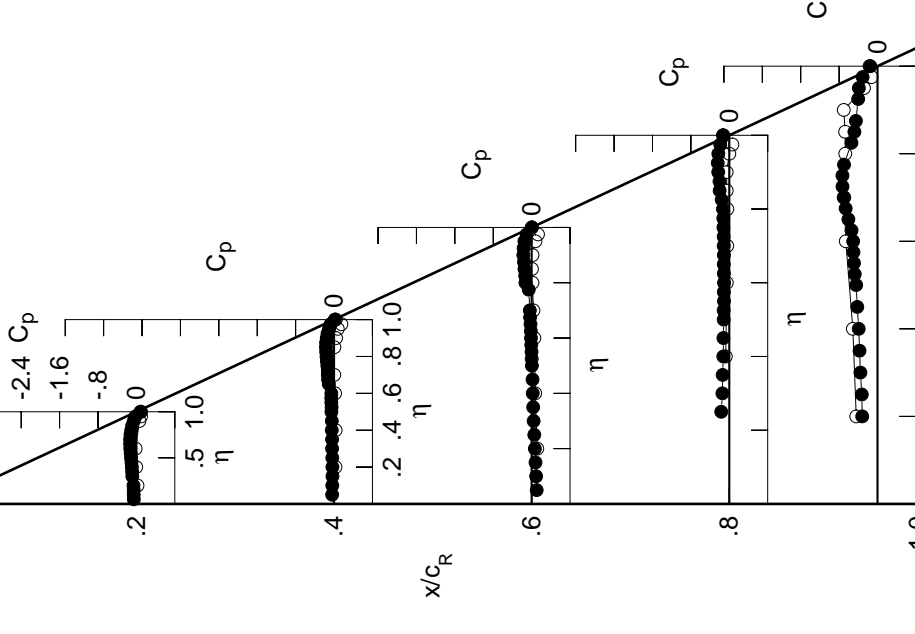
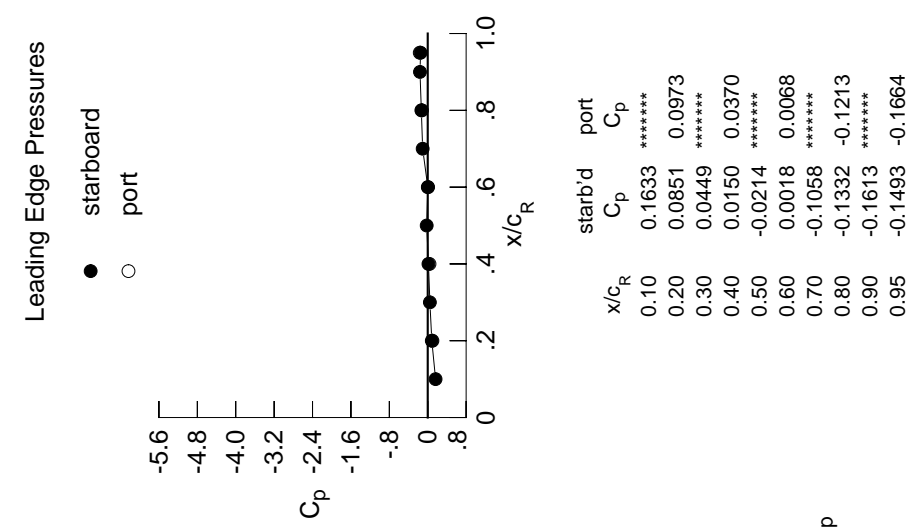


Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0746	-0.0463	0.0910	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0733	-0.0523	0.0819	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0732	-0.0510	0.0676	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0761	-0.0494	0.0571	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0570	0.0431	-0.1759	-0.3120	*****	*****	*****	*****	*****
0.300	-0.1093	-0.0551	0.0275	-0.1591	-0.3278	*****	*****	*****	*****	*****
0.350	-0.1150	-0.0611	0.0185	-0.1480	-0.3493	*****	*****	*****	*****	*****
0.400	-0.1197	-0.0603	0.0074	-0.1411	-0.3650	*****	*****	*****	*****	*****
0.450	-0.1269	-0.0684	0.0053	-0.1331	-0.3960	*****	*****	*****	*****	*****
0.500	-0.1358	-0.0693	-0.0113	-0.1319	-0.4100	*****	*****	*****	*****	*****
0.525	*****	-0.0758	-0.0141	-0.1293	-0.4379	*****	*****	*****	*****	*****
0.550	-0.1457	-0.0768	-0.0220	-0.1306	-0.4521	*****	*****	*****	*****	*****
0.575	*****	-0.0857	-0.0225	-0.1360	-0.4784	*****	*****	*****	*****	*****
0.600	-0.1566	-0.0823	-0.0362	-0.1287	-0.4776	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0322	-0.1282	-0.5166	*****	*****	*****	*****	*****
0.650	-0.1631	-0.0862	-0.0434	-0.1304	-0.5671	*****	*****	*****	*****	*****
0.675	*****	-0.1661	-0.0522	-0.1365	-0.6104	*****	*****	*****	*****	*****
0.700	-0.1659	-0.1730	-0.0618	-0.1375	-0.6176	*****	*****	*****	*****	*****
0.725	*****	-0.1748	*****	-0.1430	-0.6676	*****	*****	*****	*****	*****
0.750	-0.1619	-0.1790	*****	-0.1458	-0.7031	*****	*****	*****	*****	*****
0.775	*****	-0.1850	-0.0916	-0.1568	-0.6597	*****	*****	*****	*****	*****
0.800	-0.1511	-0.1967	-0.1259	-0.1709	*****	*****	*****	*****	*****	*****
0.825	*****	-0.2133	-0.1988	-0.1841	-0.4852	*****	*****	*****	*****	*****
0.850	-0.1325	-0.2163	-0.2002	-0.2137	-0.4321	*****	*****	*****	*****	*****
0.875	*****	-0.2182	-0.2149	-0.2546	-0.4193	*****	*****	*****	*****	*****
0.900	-0.1049	-0.2096	-0.2347	-0.2856	*****	*****	*****	*****	*****	*****
0.925	*****	-0.2004	-0.2408	-0.3122	-0.3598	*****	*****	*****	*****	*****
0.950	-0.0766	-0.1815	-0.2258	-0.3102	-0.3675	*****	*****	*****	*****	*****
0.975	*****	-0.1596	-0.2064	-0.2850	-0.3661	*****	*****	*****	*****	*****
1.000	-0.0345	-0.1879	-0.2349	-0.4338	-0.3654	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0408	0.0506	0.1251	*****	*****	-0.4653	*****	*****	*****	*****
-0.400	0.0233	0.0504	0.0918	-0.0644	-0.5531	*****	*****	*****	*****	*****
-0.600	0.0129	0.0465	0.0670	-0.0344	-0.6805	*****	*****	*****	*****	*****
-0.700	*****	0.0307	0.0625	-0.0283	-0.6966	*****	*****	*****	*****	*****
-0.800	*****	*****	0.0432	-0.0189	-0.6558	*****	*****	*****	*****	*****
-0.850	*****	0.0435	0.0397	-0.0256	-0.6574	*****	*****	*****	*****	*****
-0.900	0.0940	0.0814	0.0572	-0.0214	-0.7007	*****	*****	*****	*****	*****
-0.950	0.1280	0.1016	0.1178	0.0406	-0.2617	*****	*****	*****	*****	*****
-0.975	*****	0.1789	0.1640	0.1009	-0.0970	*****	*****	*****	*****	*****
-1.000	-0.0299	-0.1670	-0.2320	-0.3966	-0.4241	*****	*****	*****	*****	*****

Small Radius L.E.

Run No. = 42, Point No. = 870

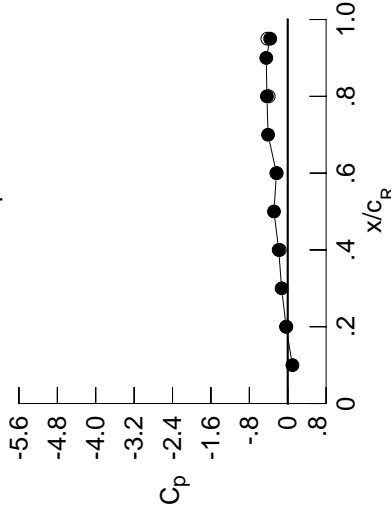
$C_N = 0.117$, $C_m = -0.0200$

$\alpha = 3.2^\circ$, $M_\infty = 0.870$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	0.0979	*****
0.20	-0.0345	-0.0299
0.30	-0.1273	*****
0.40	-0.1879	-0.1670
0.50	-0.2863	*****
0.60	-0.2349	-0.2320
0.70	-0.4097	*****
0.80	-0.4338	-0.3966
0.90	-0.4474	*****
0.95	-0.3654	-0.4241

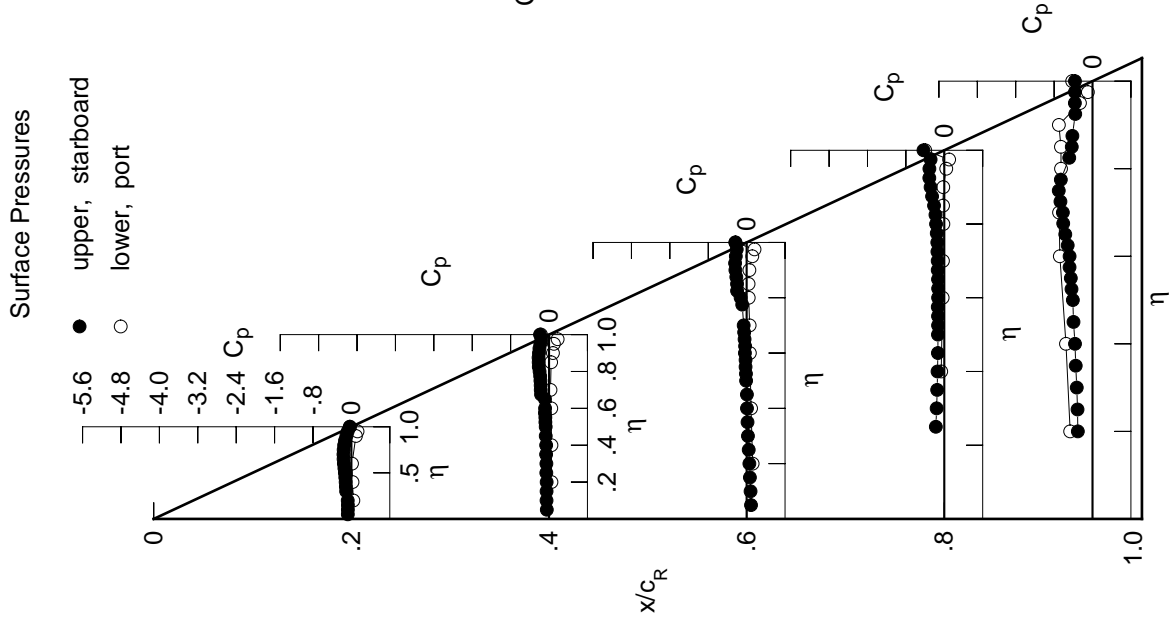


Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,l}$	$C_{p,l}$
0.050	-0.0813	-0.0634	0.0819	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0811	-0.0644	0.0707	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0897	-0.0653	0.0571	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0901	-0.0644	0.0438	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0705	0.0310	-0.1882	-0.1882	-0.1882	-0.1882	-0.1882	-0.1882	-0.1882
0.300	-0.1348	-0.0715	0.0156	-0.1720	-0.1720	-0.1720	-0.1720	-0.1720	-0.1720	-0.1720
0.350	-0.1421	-0.0754	0.0053	-0.1611	-0.1611	-0.1611	-0.1611	-0.1611	-0.1611	-0.1611
0.400	-0.1462	-0.0780	-0.0049	-0.1545	-0.1545	-0.1545	-0.1545	-0.1545	-0.1545	-0.1545
0.450	-0.1519	-0.0826	-0.0118	-0.1466	-0.1466	-0.1466	-0.1466	-0.1466	-0.1466	-0.1466
0.500	-0.1604	-0.0894	-0.0257	-0.1471	-0.1471	-0.1471	-0.1471	-0.1471	-0.1471	-0.1471
0.525	*****	-0.0963	-0.0331	-0.1466	-0.1466	-0.1466	-0.1466	-0.1466	-0.1466	-0.1466
0.550	-0.1697	-0.0990	-0.0384	-0.1460	-0.1460	-0.1460	-0.1460	-0.1460	-0.1460	-0.1460
0.575	*****	-0.1056	-0.0468	-0.1467	-0.1467	-0.1467	-0.1467	-0.1467	-0.1467	-0.1467
0.600	-0.1825	-0.1080	-0.0564	-0.1454	-0.1454	-0.1454	-0.1454	-0.1454	-0.1454	-0.1454
0.625	*****	*****	-0.0608	-0.1517	-0.1517	-0.1517	-0.1517	-0.1517	-0.1517	-0.1517
0.650	-0.1925	-0.1206	-0.0715	-0.1537	-0.1537	-0.1537	-0.1537	-0.1537	-0.1537	-0.1537
0.675	*****	-0.1304	-0.0811	-0.1592	-0.1592	-0.1592	-0.1592	-0.1592	-0.1592	-0.1592
0.700	-0.2003	-0.1512	-0.0933	-0.1633	-0.1633	-0.1633	-0.1633	-0.1633	-0.1633	-0.1633
0.725	*****	-0.2027	*****	-0.1683	-0.1683	-0.1683	-0.1683	-0.1683	-0.1683	-0.1683
0.750	-0.2002	-0.2326	*****	-0.1807	-0.1807	-0.1807	-0.1807	-0.1807	-0.1807	-0.1807
0.775	*****	-0.2399	-0.1439	-0.1914	-0.1914	-0.1914	-0.1914	-0.1914	-0.1914	-0.1914
0.800	-0.1921	-0.2518	-0.1688	-0.2052	-0.2052	-0.2052	-0.2052	-0.2052	-0.2052	-0.2052
0.825	*****	-0.2643	-0.2024	-0.2220	-0.2220	-0.2220	-0.2220	-0.2220	-0.2220	-0.2220
0.850	-0.1800	-0.2729	-0.2357	-0.2538	-0.2538	-0.2538	-0.2538	-0.2538	-0.2538	-0.2538
0.875	*****	-0.2776	-0.2640	-0.2877	-0.2877	-0.2877	-0.2877	-0.2877	-0.2877	-0.2877
0.900	-0.1582	-0.2708	-0.2967	-0.3370	-0.3370	-0.3370	-0.3370	-0.3370	-0.3370	-0.3370
0.925	*****	-0.2645	-0.3082	-0.3743	-0.3743	-0.3743	-0.3743	-0.3743	-0.3743	-0.3743
0.950	-0.1406	-0.2533	-0.3110	-0.3888	-0.3888	-0.3888	-0.3888	-0.3888	-0.3888	-0.3888
0.975	*****	-0.2290	-0.2993	-0.3904	-0.3904	-0.3904	-0.3904	-0.3904	-0.3904	-0.3904
1.000	-0.2008	-0.4432	-0.5442	-0.7077	-0.7077	-0.7077	-0.7077	-0.7077	-0.7077	-0.7077
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0621	0.0683	0.1430	*****	*****	*****	*****	*****	*****	*****
-0.600	0.0478	0.0724	0.1072	-0.0479	-0.5817	-0.5817	-0.5817	-0.5817	-0.5817	-0.5817
-0.700	0.0422	0.0694	0.0904	-0.0189	-0.6878	-0.6878	-0.6878	-0.6878	-0.6878	-0.6878
-0.800	*****	0.0596	0.0818	-0.0089	-0.6835	-0.6835	-0.6835	-0.6835	-0.6835	-0.6835
-0.850	*****	*****	0.0719	0.0031	-0.6399	-0.6399	-0.6399	-0.6399	-0.6399	-0.6399
-0.900	*****	0.0814	0.0723	0.0023	-0.6346	-0.6346	-0.6346	-0.6346	-0.6346	-0.6346
-0.950	0.1267	0.1177	0.0944	0.0142	-0.6742	-0.6742	-0.6742	-0.6742	-0.6742	-0.6742
-0.975	0.1584	0.1215	0.1508	0.0770	-0.2388	-0.2388	-0.2388	-0.2388	-0.2388	-0.2388
-1.000	*****	0.1971	0.1853	0.1268	-0.0761	-0.0761	-0.0761	-0.0761	-0.0761	-0.0761
-1.000	-0.2120	-0.4405	-0.5330	-0.7016	-0.6998	-0.6998	-0.6998	-0.6998	-0.6998	-0.6998

Small Radius L.E.

Run No. = 42, Point No. = 871

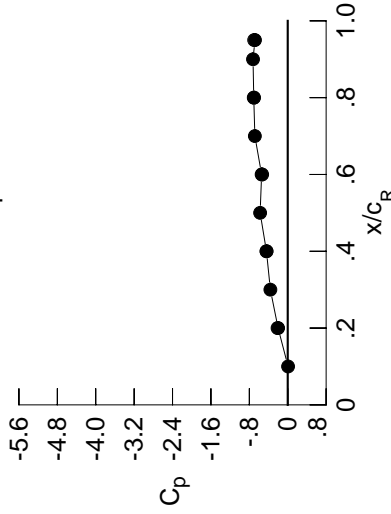
$C_N = 0.160$, $C_m = -0.0284$

$\alpha = 4.2^\circ$, $M_\infty = 0.870$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	0.0074	*****
0.20	-0.2008	-0.2120
0.30	-0.3616	*****
0.40	-0.4432	-0.4405
0.50	-0.5749	*****
0.60	-0.5442	-0.5330
0.70	-0.6845	*****
0.80	-0.7077	-0.7016
0.90	-0.7231	*****
0.95	-0.6825	-0.6998

Surface Pressures

● upper, starboard
○ lower, port

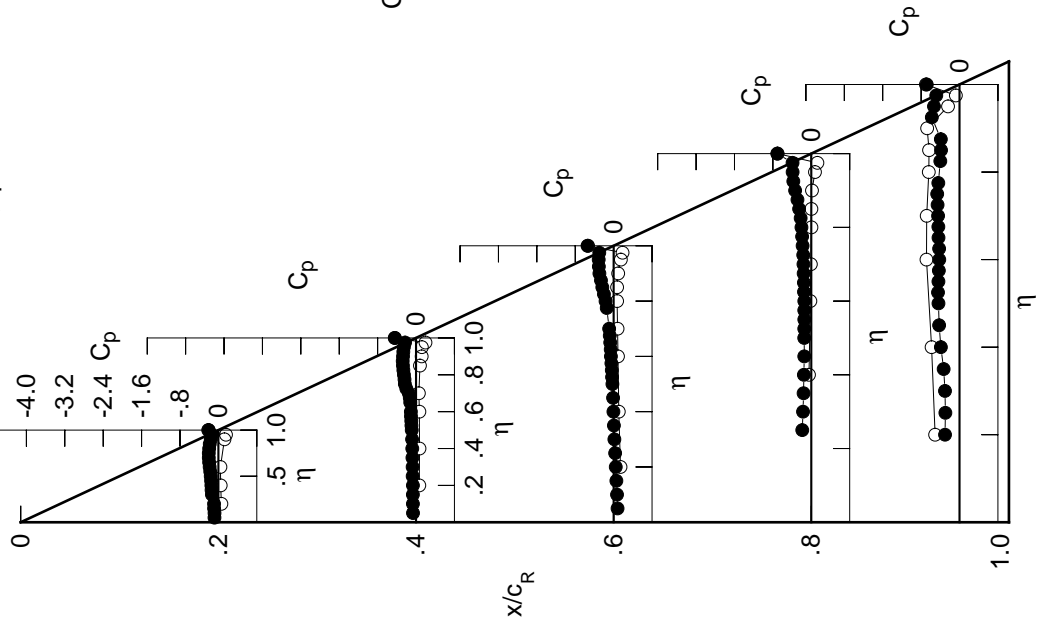


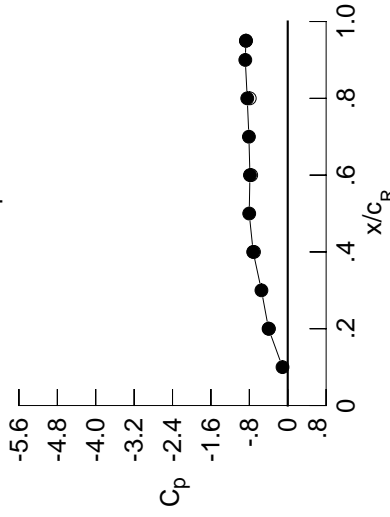
Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0959	-0.0823	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691
0.100	-0.0955	-0.0841	0.0571	0.0571	0.0571	0.0571	0.0571	0.0571	0.0571	0.0571
0.150	-0.1078	-0.0863	0.0437	0.0437	0.0437	0.0437	0.0437	0.0437	0.0437	0.0437
0.200	-0.1065	-0.0824	0.0313	0.0313	0.0313	0.0313	0.0313	0.0313	0.0313	0.0313
0.250	*****	-0.0906	0.0169	0.0169	0.0169	0.0169	0.0169	0.0169	0.0169	0.0169
0.300	-0.1464	-0.0952	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043
0.350	-0.1747	-0.0982	-0.0111	-0.0111	-0.0111	-0.0111	-0.0111	-0.0111	-0.0111	-0.0111
0.400	-0.1788	-0.1008	-0.0203	-0.0203	-0.0203	-0.0203	-0.0203	-0.0203	-0.0203	-0.0203
0.450	-0.1845	-0.1108	-0.0299	-0.0299	-0.0299	-0.0299	-0.0299	-0.0299	-0.0299	-0.0299
0.500	-0.1906	-0.1178	-0.0455	-0.0455	-0.0455	-0.0455	-0.0455	-0.0455	-0.0455	-0.0455
0.525	*****	-0.1263	-0.0535	-0.0535	-0.0535	-0.0535	-0.0535	-0.0535	-0.0535	-0.0535
0.550	-0.1987	-0.1320	-0.0616	-0.0616	-0.0616	-0.0616	-0.0616	-0.0616	-0.0616	-0.0616
0.575	*****	-0.1392	-0.0690	-0.0690	-0.0690	-0.0690	-0.0690	-0.0690	-0.0690	-0.0690
0.600	-0.2093	-0.1464	-0.0787	-0.0787	-0.0787	-0.0787	-0.0787	-0.0787	-0.0787	-0.0787
0.625	*****	*****	-0.0864	-0.0864	-0.0864	-0.0864	-0.0864	-0.0864	-0.0864	-0.0864
0.650	-0.2234	-0.1667	-0.0989	-0.0989	-0.0989	-0.0989	-0.0989	-0.0989	-0.0989	-0.0989
0.675	*****	-0.1845	-0.1119	-0.1119	-0.1119	-0.1119	-0.1119	-0.1119	-0.1119	-0.1119
0.700	-0.2344	-0.2039	-0.1220	-0.1220	-0.1220	-0.1220	-0.1220	-0.1220	-0.1220	-0.1220
0.725	*****	-0.2198	*****	-0.2018	-0.2018	-0.2018	-0.2018	-0.2018	-0.2018	-0.2018
0.750	-0.2393	-0.2428	*****	-0.2103	-0.2103	-0.2103	-0.2103	-0.2103	-0.2103	-0.2103
0.775	*****	-0.2652	-0.1777	-0.2252	-0.2252	-0.2252	-0.2252	-0.2252	-0.2252	-0.2252
0.800	-0.2366	-0.2868	-0.2048	-0.2416	-0.2416	-0.2416	-0.2416	-0.2416	-0.2416	-0.2416
0.825	*****	-0.3062	-0.2398	-0.2611	-0.2611	-0.2611	-0.2611	-0.2611	-0.2611	-0.2611
0.850	-0.2298	-0.3259	-0.2782	-0.2899	-0.2899	-0.2899	-0.2899	-0.2899	-0.2899	-0.2899
0.875	*****	-0.3381	-0.3144	-0.3244	-0.3244	-0.3244	-0.3244	-0.3244	-0.3244	-0.3244
0.900	-0.2142	-0.3396	-0.3505	-0.3820	-0.3820	-0.3820	-0.3820	-0.3820	-0.3820	-0.3820
0.925	*****	-0.3420	-0.3758	-0.4310	-0.4310	-0.4310	-0.4310	-0.4310	-0.4310	-0.4310
0.950	-0.2096	-0.3400	-0.3919	-0.4599	-0.4599	-0.4599	-0.4599	-0.4599	-0.4599	-0.4599
0.975	*****	-0.3404	-0.4076	-0.4992	-0.4992	-0.4992	-0.4992	-0.4992	-0.4992	-0.4992
1.000	-0.3996	-0.7198	-0.7876	-0.8436	-0.8436	-0.8436	-0.8436	-0.8436	-0.8436	-0.8436
-0.200	$C_{p,l}$	0.0843	0.0818	0.1587	0.1587	0.1587	0.1587	0.1587	0.1587	0.1587
-0.400	$C_{p,l}$	0.0701	0.0926	0.1221	0.1221	0.1221	0.1221	0.1221	0.1221	0.1221
-0.600	$C_{p,l}$	0.0702	0.0921	0.1069	0.1069	0.1069	0.1069	0.1069	0.1069	0.1069
-0.700	$C_{p,l}$	0.0848	0.0848	0.1032	0.1032	0.1032	0.1032	0.1032	0.1032	0.1032
-0.800	$C_{p,l}$	*****	0.0964	0.0964	0.0964	0.0964	0.0964	0.0964	0.0964	0.0964
-0.850	$C_{p,l}$	0.1127	0.1127	0.0996	0.0996	0.0996	0.0996	0.0996	0.0996	0.0996
-0.900	$C_{p,l}$	0.1551	0.1472	0.1239	0.1239	0.1239	0.1239	0.1239	0.1239	0.1239
-0.950	$C_{p,l}$	0.1791	0.1340	0.1729	0.1729	0.1729	0.1729	0.1729	0.1729	0.1729
-0.975	$C_{p,l}$	0.2038	0.1941	0.1404	0.1404	0.1404	0.1404	0.1404	0.1404	0.1404
-1.000	$C_{p,l}$	-0.3920	-0.7024	-0.7609	-0.7609	-0.7609	-0.7609	-0.7609	-0.7609	-0.7609

Small Radius L.E.
 Run No. = 42, Point No. = 872
 $C_N = 0.209$, $C_m = -0.0401$
 $\alpha = 5.3^\circ$, $M_\infty = 0.870$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.1085	*****
0.20	-0.3996	-0.3920
0.30	-0.5477	*****
0.40	-0.7198	-0.7024
0.50	-0.8026	*****
0.60	-0.7876	-0.7609
0.70	-0.8089	*****
0.80	-0.8436	-0.7914
0.90	-0.8842	*****
0.95	-0.8709	-0.8694

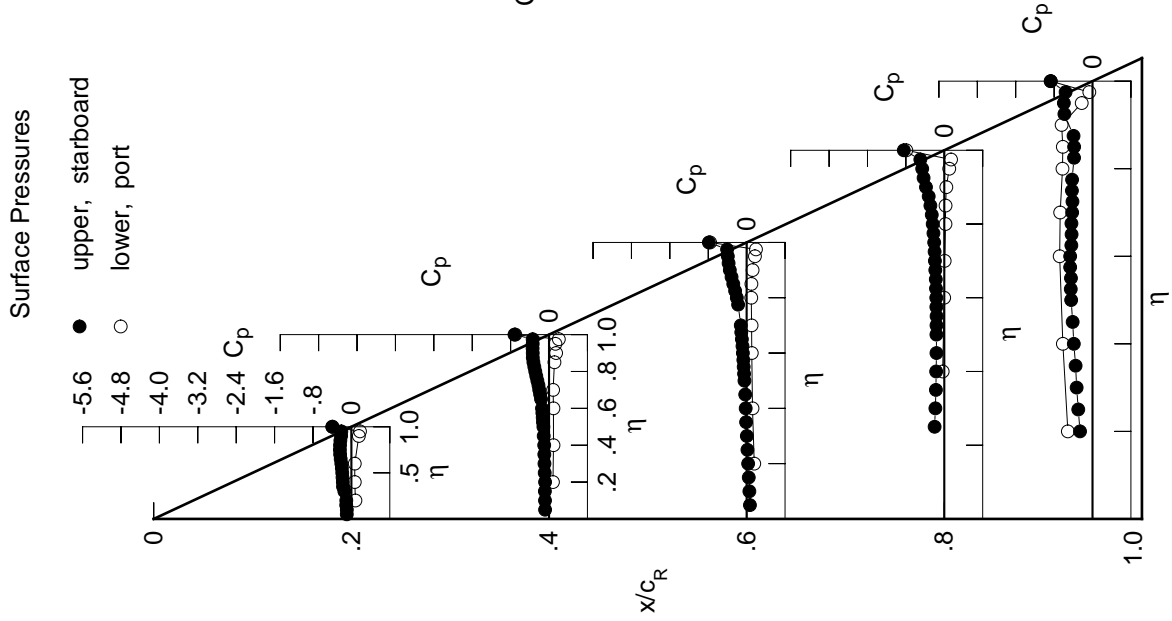
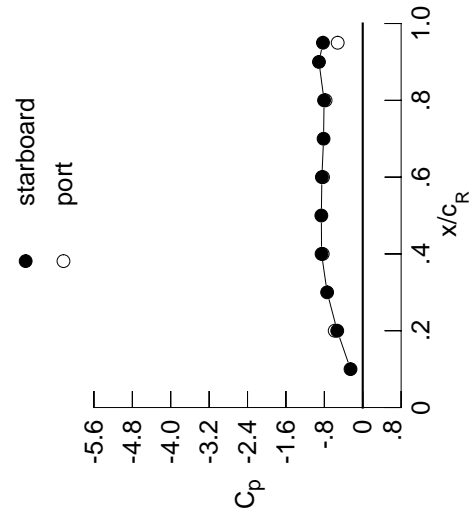


Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1047	-0.1041	0.0576	*****	*****	*****	*****	*****	*****	
0.100	-0.1051	-0.1019	0.0426	*****	*****	*****	*****	*****	*****	
0.150	-0.1193	-0.1042	0.0313	*****	*****	*****	*****	*****	*****	
0.200	-0.1126	-0.1039	0.0130	*****	*****	*****	*****	*****	-0.2414	
0.250	*****	-0.1120	0.0061	-0.2215	-0.2096	-0.2096	-0.2096	-0.2096	-0.2969	
0.300	-0.1228	-0.1138	-0.0168	-0.2059	-0.3293	-0.3293	-0.3293	-0.3293	-0.3293	
0.350	-0.1496	-0.1210	-0.0257	-0.1954	-0.3593	-0.3593	-0.3593	-0.3593	-0.3593	
0.400	-0.1756	-0.1277	-0.0400	-0.1889	-0.3999	-0.3999	-0.3999	-0.3999	-0.3999	
0.450	-0.2084	-0.1356	-0.0505	-0.1817	-0.4025	-0.4025	-0.4025	-0.4025	-0.4025	
0.500	-0.2404	-0.1497	-0.0677	-0.1871	-0.4247	-0.4247	-0.4247	-0.4247	-0.4247	
0.525	*****	-0.1530	-0.0793	-0.1847	-0.4529	-0.4529	-0.4529	-0.4529	-0.4529	
0.550	-0.2469	-0.1640	-0.0853	-0.1822	-0.4404	-0.4404	-0.4404	-0.4404	-0.4404	
0.575	*****	-0.1682	-0.0985	-0.1931	-0.4275	-0.4275	-0.4275	-0.4275	-0.4275	
0.600	-0.2541	-0.1786	-0.1098	-0.1986	-0.4232	-0.4232	-0.4232	-0.4232	-0.4232	
0.625	*****	*****	-0.1171	-0.2072	-0.4043	-0.4043	-0.4043	-0.4043	-0.4043	
0.650	-0.2653	-0.1992	-0.1262	-0.2096	-0.4015	-0.4015	-0.4015	-0.4015	-0.4015	
0.675	*****	-0.2200	-0.1446	-0.2114	-0.4072	-0.4072	-0.4072	-0.4072	-0.4072	
0.700	-0.2760	-0.2403	-0.1543	-0.2297	-0.4360	-0.4360	-0.4360	-0.4360	-0.4360	
0.725	*****	-0.2546	*****	-0.2423	-0.4690	-0.4690	-0.4690	-0.4690	-0.4690	
0.750	-0.2852	-0.2836	*****	-0.2467	-0.5230	-0.5230	-0.5230	-0.5230	-0.5230	
0.775	*****	-0.3067	-0.2174	-0.2504	-0.6066	-0.6066	-0.6066	-0.6066	-0.6066	
0.800	-0.2824	-0.3328	-0.2423	-0.2726	*****	*****	*****	*****	*****	
0.825	*****	-0.3539	-0.2756	-0.2880	-0.7265	-0.7265	-0.7265	-0.7265	-0.7265	
0.850	-0.2770	-0.3804	-0.3107	-0.3329	-0.7372	-0.7372	-0.7372	-0.7372	-0.7372	
0.875	*****	-0.3987	-0.3486	-0.3668	-0.7622	-0.7622	-0.7622	-0.7622	-0.7622	
0.900	-0.2604	-0.4088	-0.3965	-0.4360	*****	*****	*****	*****	*****	
0.925	*****	-0.4134	-0.4468	-0.5444	-1.0137	-1.0137	-1.0137	-1.0137	-1.0137	
0.950	-0.2520	-0.4190	-0.5858	-0.6876	-0.7104	-0.7104	-0.7104	-0.7104	-0.7104	
0.975	*****	-0.5390	-0.7611	-0.7906	-0.7882	-0.7882	-0.7882	-0.7882	-0.7882	
1.000	-0.5313	-0.8574	-0.8510	-0.8054	-0.8289	-0.8289	-0.8289	-0.8289	-0.8289	
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.400	0.1002	0.1048	0.1723	*****	-0.5414	-0.5414	-0.5414	-0.5414	-0.5414	
-0.600	0.0934	0.1116	0.1345	-0.0180	-0.6395	-0.6395	-0.6395	-0.6395	-0.6395	
-0.700	0.0956	0.1125	0.1261	0.0073	-0.6742	-0.6742	-0.6742	-0.6742	-0.6742	
-0.800	*****	0.1092	0.1182	0.0267	-0.6629	-0.6629	-0.6629	-0.6629	-0.6629	
-0.850	*****	*****	0.1184	0.0394	-0.6115	-0.6115	-0.6115	-0.6115	-0.6115	
-0.900	*****	0.1416	0.1258	0.0497	-0.5984	-0.5984	-0.5984	-0.5984	-0.5984	
-0.950	0.1792	0.1719	0.1510	0.0713	-0.6182	-0.6182	-0.6182	-0.6182	-0.6182	
-0.975	0.2008	0.1403	0.1899	0.1224	-0.2047	-0.2047	-0.2047	-0.2047	-0.2047	
-1.000	*****	0.2026	0.1952	0.1482	-0.0478	-0.0478	-0.0478	-0.0478	-0.0478	
-1.000	-0.5841	-0.8332	-0.8269	-0.7747	-0.5218	-0.5218	-0.5218	-0.5218	-0.5218	

Small Radius L.E.
 Run No. = 42, Point No. = 873
 $C_N = 0.254$, $C_m = -0.0453$
 $\alpha = 6.3^\circ$, $M_\infty = 0.870$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.2547	*****
0.20	-0.5313	-0.5841
0.30	-0.7415	*****
0.40	-0.8574	-0.8332
0.50	-0.8624	*****
0.60	-0.8510	-0.8269
0.70	-0.8159	*****
0.80	-0.8054	-0.7747
0.90	-0.9121	*****
0.95	-0.8289	-0.5218

Surface Pressures

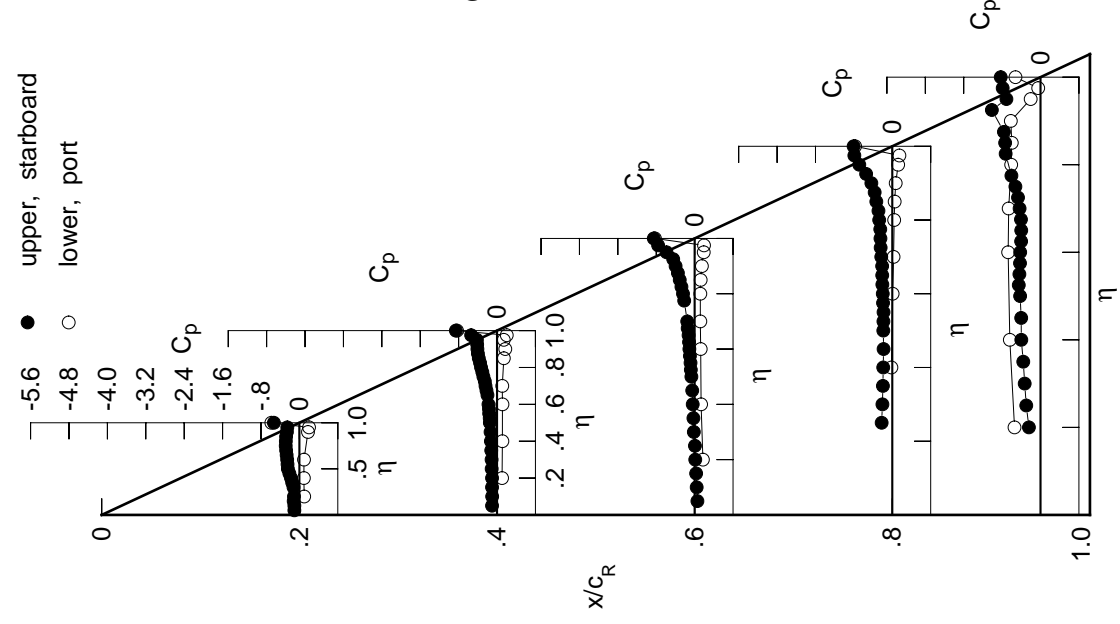


Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1304	-0.1181	0.0411	*****	*****	*****	*****	*****	*****	
0.100	-0.1296	-0.1215	0.0309	*****	*****	*****	*****	*****	*****	
0.150	-0.1413	-0.1222	0.0171	*****	*****	*****	*****	*****	*****	
0.200	-0.1489	-0.1228	0.0018	*****	*****	*****	*****	*****	-0.2273	
0.250	*****	-0.1299	-0.0112	-0.2429	-0.2760	*****	*****	*****	-0.2760	
0.300	-0.1596	-0.1342	-0.0301	-0.2227	-0.3133	*****	*****	*****	-0.3133	
0.350	-0.1757	-0.1438	-0.0428	-0.2139	-0.3628	*****	*****	*****	-0.3628	
0.400	-0.1924	-0.1486	-0.0580	-0.2092	-0.3816	*****	*****	*****	-0.3816	
0.450	-0.2100	-0.1636	-0.0738	-0.2094	-0.3351	*****	*****	*****	-0.3351	
0.500	-0.2293	-0.1742	-0.0943	-0.2205	-0.2451	*****	*****	*****	-0.2451	
0.525	*****	-0.1851	-0.1007	-0.2201	-0.2393	*****	*****	*****	-0.2393	
0.550	-0.2502	-0.1920	-0.1133	-0.2139	-0.2415	*****	*****	*****	-0.2415	
0.575	*****	-0.2030	-0.1241	-0.2118	-0.2661	*****	*****	*****	-0.2661	
0.600	-0.2715	-0.2084	-0.1407	-0.2150	-0.3236	*****	*****	*****	-0.3236	
0.625	*****	*****	-0.1479	-0.2169	-0.4315	*****	*****	*****	-0.4315	
0.650	-0.2900	-0.2348	-0.1566	-0.2127	-0.5913	*****	*****	*****	-0.5913	
0.675	*****	-0.2535	-0.1647	-0.2178	-0.7072	*****	*****	*****	-0.7072	
0.700	-0.3073	-0.2702	-0.1695	-0.2108	-0.7421	*****	*****	*****	-0.7421	
0.725	*****	-0.2902	*****	-0.2137	-0.7351	*****	*****	*****	-0.7351	
0.750	-0.3199	-0.3128	*****	-0.2120	-0.7505	*****	*****	*****	-0.7505	
0.775	*****	-0.3425	-0.2200	-0.2208	-0.8701	*****	*****	*****	-0.8701	
0.800	-0.3248	-0.3719	-0.2665	-0.3375	*****	*****	*****	*****	*****	
0.825	*****	-0.4002	-0.3029	-0.5720	-1.0223	*****	*****	*****	-1.0223	
0.850	-0.3269	-0.4244	-0.3726	-0.6721	-0.8744	*****	*****	*****	-0.8744	
0.875	*****	-0.4411	-0.5109	-0.6859	-0.7440	*****	*****	*****	-0.7440	
0.900	-0.3219	-0.4586	-0.6607	-0.6981	*****	*****	*****	*****	*****	
0.925	*****	-0.5419	-0.7539	-0.6858	-0.7856	*****	*****	*****	-0.7856	
0.950	-0.3286	-0.7107	-0.7901	-0.6745	-0.6775	*****	*****	*****	-0.6775	
0.975	*****	-0.8519	-0.7849	-0.6795	-0.6039	*****	*****	*****	-0.6039	
1.000	-0.6997	-0.8754	-0.8234	-0.6716	-0.5391	*****	*****	*****	-0.5391	
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.400	0.1206	0.1274	0.1911	*****	-0.5494	*****	*****	*****	-0.5494	
-0.600	0.1199	0.1324	0.1578	-0.0034	-0.6554	*****	*****	*****	-0.6554	
-0.700	0.1255	0.1373	0.1432	0.0277	-0.6646	*****	*****	*****	-0.6646	
-0.800	*****	0.1359	0.1423	0.0408	-0.6480	*****	*****	*****	-0.6480	
-0.850	*****	*****	0.1440	0.0625	-0.5957	*****	*****	*****	-0.5957	
-0.900	*****	0.1694	0.1533	0.0712	-0.5849	*****	*****	*****	-0.5849	
-0.950	0.2051	0.1982	0.1767	0.0916	-0.5931	*****	*****	*****	-0.5931	
-0.975	0.2231	0.1488	0.2079	0.1411	-0.1970	*****	*****	*****	-0.1970	
-1.000	*****	0.2003	0.1998	0.1560	-0.0458	*****	*****	*****	-0.0458	
	-0.7261	-0.8672	-0.7930	-0.6659	-0.4603	*****	*****	*****	-0.4603	

Small Radius L.E.

Run No. = 42, Point No. = 874

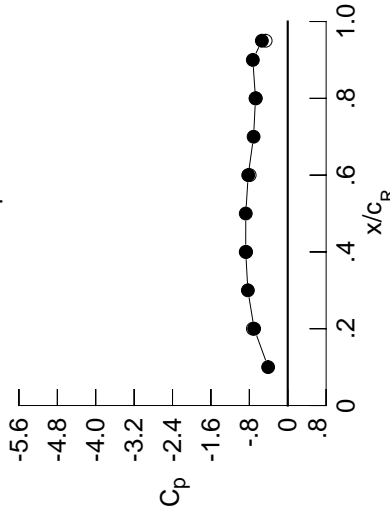
$C_N = 0.315$, $C_m = -0.0608$

$\alpha = 7.3^\circ$, $M_\infty = 0.869$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.4081	*****
0.20	-0.6997	-0.7261
0.30	-0.8301	*****
0.40	-0.8754	-0.8672
0.50	-0.8742	*****
0.60	-0.8234	-0.7930
0.70	-0.7112	*****
0.80	-0.6716	-0.6659
0.90	-0.7274	*****
0.95	-0.5391	-0.4603

Surface Pressures

● upper, starboard
○ lower, port

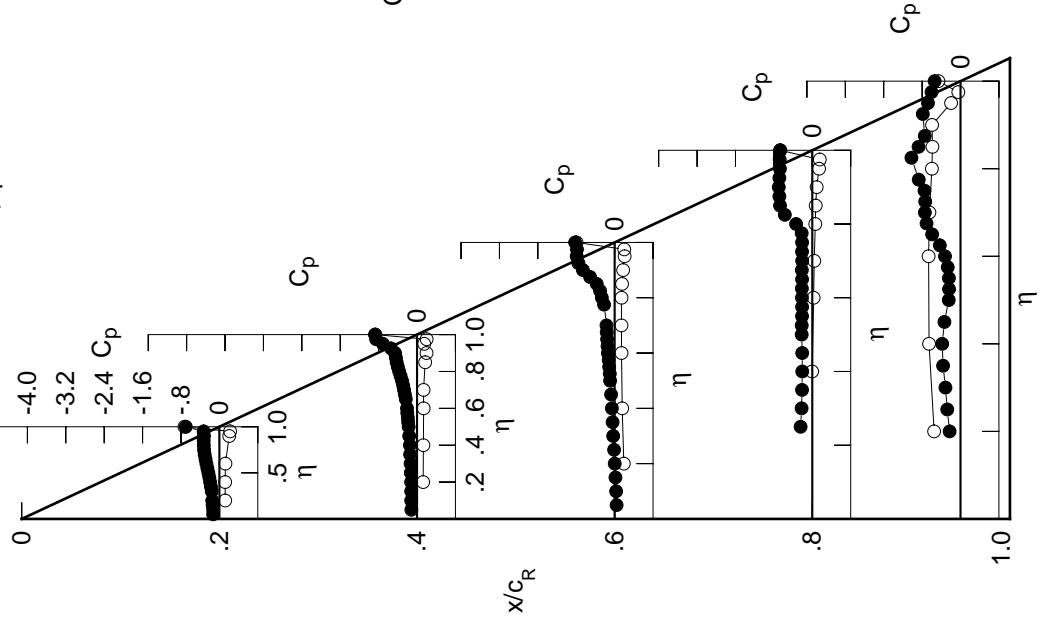


Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1532	-0.1397	0.0257	*****	*****	*****	*****	*****	*****	
0.100	-0.1561	-0.1391	0.0154	*****	*****	*****	*****	*****	*****	
0.150	-0.1668	-0.1442	0.0010	*****	*****	*****	*****	*****	*****	
0.200	-0.1727	-0.1413	-0.0157	*****	*****	*****	*****	*****	-0.2318	
0.250	*****	-0.1520	-0.0286	-0.2661	-0.2779	*****	*****	*****	*****	
0.300	-0.1835	-0.1587	-0.0524	-0.2465	-0.3159	*****	*****	*****	*****	
0.350	-0.2003	-0.1672	-0.0652	-0.2420	-0.2990	*****	*****	*****	*****	
0.400	-0.2179	-0.1832	-0.0853	-0.2456	-0.2000	*****	*****	*****	*****	
0.450	-0.2352	-0.1908	-0.1026	-0.2368	-0.1935	*****	*****	*****	*****	
0.500	-0.2558	-0.2046	-0.1200	-0.2316	-0.2472	*****	*****	*****	*****	
0.525	*****	-0.2122	-0.1220	-0.2234	-0.3103	*****	*****	*****	*****	
0.550	-0.2788	-0.2214	-0.1248	-0.2207	-0.3904	*****	*****	*****	*****	
0.575	*****	-0.2314	-0.1292	-0.2168	-0.5403	*****	*****	*****	*****	
0.600	-0.3020	-0.2341	-0.1334	-0.2153	-0.6780	*****	*****	*****	*****	
0.625	*****	*****	-0.1399	-0.2156	-0.7296	*****	*****	*****	*****	
0.650	-0.3237	-0.2581	-0.1532	-0.2053	-0.7353	*****	*****	*****	*****	
0.675	*****	-0.2841	-0.1619	-0.1938	-0.7093	*****	*****	*****	*****	
0.700	-0.3438	-0.3052	-0.1602	-0.1787	-0.7228	*****	*****	*****	*****	
0.725	*****	-0.3166	*****	-0.1817	-0.8434	*****	*****	*****	*****	
0.750	-0.3646	-0.3422	*****	-0.3579	-1.0331	*****	*****	*****	*****	
0.775	*****	-0.3683	-0.2422	-0.6878	-1.1149	*****	*****	*****	*****	
0.800	-0.3710	-0.3858	-0.5651	-0.8298	*****	*****	*****	*****	*****	
0.825	*****	-0.4133	-0.7308	-0.8484	-0.8386	*****	*****	*****	*****	
0.850	-0.3814	-0.4932	-0.7989	-0.8080	-0.7338	*****	*****	*****	*****	
0.875	*****	-0.6364	-0.8096	-0.7340	-0.6466	*****	*****	*****	*****	
0.900	-0.3847	-0.7700	-0.7986	-0.6857	*****	*****	*****	*****	*****	
0.925	*****	-0.8519	-0.7653	-0.6501	-0.6651	*****	*****	*****	*****	
0.950	-0.4377	-0.8919	-0.7405	-0.6352	-0.6043	*****	*****	*****	*****	
0.975	*****	-0.8708	-0.7231	-0.6359	-0.5441	*****	*****	*****	*****	
1.000	-0.8125	-0.8945	-0.7592	-0.6308	-0.4636	*****	*****	*****	*****	
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.400	0.1477	0.1479	0.2047	*****	*****	-0.5638	*****	*****	*****	
-0.600	0.1391	0.1573	0.1737	0.0120	-0.6703	*****	*****	*****	*****	
-0.700	0.1535	0.1614	0.1626	0.0443	-0.6552	*****	*****	*****	*****	
-0.800	*****	0.1618	0.1643	0.0590	-0.6413	*****	*****	*****	*****	
-0.850	*****	*****	0.1678	0.0775	-0.5850	*****	*****	*****	*****	
-0.900	*****	0.1973	0.1753	0.0914	-0.5705	*****	*****	*****	*****	
-0.950	0.2281	0.2211	0.1993	0.1141	-0.5706	*****	*****	*****	*****	
-0.975	0.2402	0.1532	0.2208	0.1552	-0.1893	*****	*****	*****	*****	
-1.000	*****	0.1966	0.1990	0.1580	-0.0460	*****	*****	*****	*****	
	-0.7980	-0.8767	-0.7448	-0.6260	-0.4527	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 42, Point No. = 875
 $C_N = 0.370$, $C_m = -0.0710$
 $\alpha = 8.3^\circ$, $M_\infty = 0.869$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

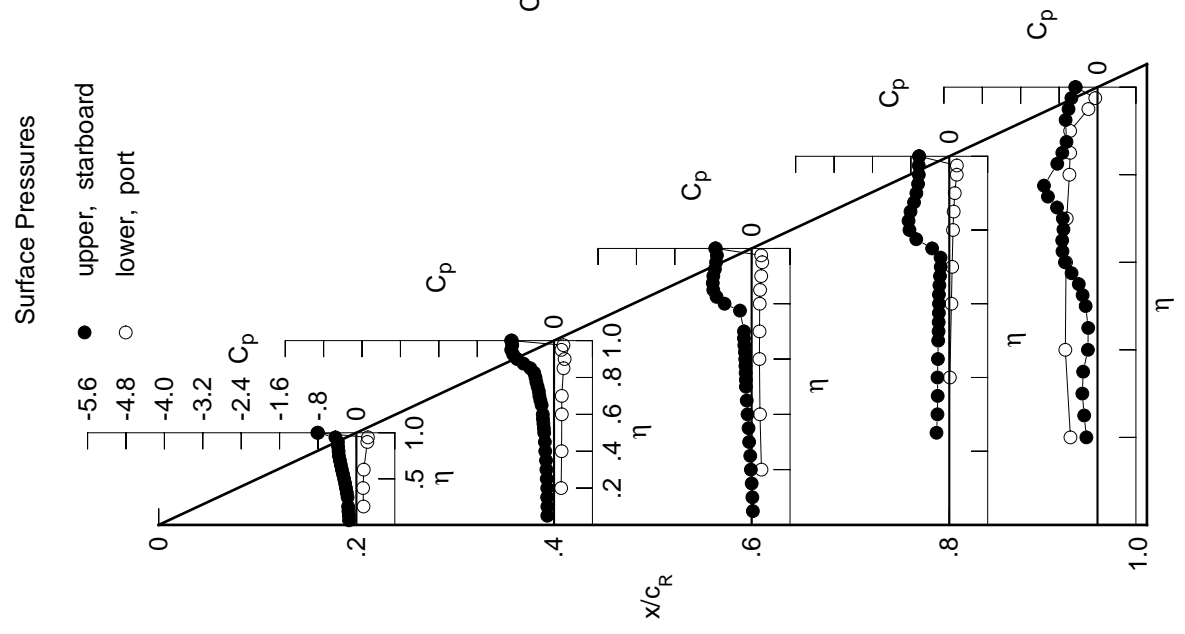
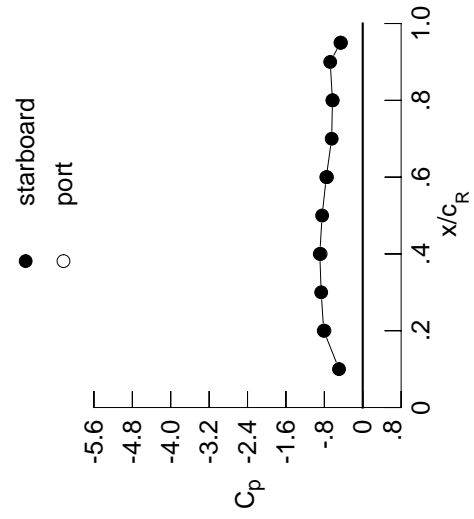


Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1723	-0.1587	0.0086	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1772	-0.1618	-0.0028	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1845	-0.1636	-0.0184	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1925	-0.1640	-0.0332	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1757	-0.0509	-0.2883	-0.2949	*****	*****	*****	*****	*****
0.300	-0.2075	-0.1812	-0.0778	-0.2771	-0.2474	*****	*****	*****	*****	*****
0.350	-0.2238	-0.1989	-0.1031	-0.2766	-0.1252	*****	*****	*****	*****	*****
0.400	-0.2434	-0.2117	-0.1083	-0.2553	-0.1566	*****	*****	*****	*****	*****
0.450	-0.2600	-0.2236	-0.1129	-0.2452	-0.2339	*****	*****	*****	*****	*****
0.500	-0.2820	-0.2260	-0.1198	-0.2397	-0.3908	*****	*****	*****	*****	*****
0.525	*****	-0.2335	-0.1224	-0.2363	-0.5567	*****	*****	*****	*****	*****
0.550	-0.3053	-0.2375	-0.1287	-0.2289	-0.6881	*****	*****	*****	*****	*****
0.575	*****	-0.2422	-0.1342	-0.2262	-0.7379	*****	*****	*****	*****	*****
0.600	-0.3306	-0.2463	-0.1405	-0.2174	-0.7351	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1374	-0.2046	-0.7246	*****	*****	*****	*****	*****
0.650	-0.3543	-0.2657	-0.1395	-0.1936	-0.7261	*****	*****	*****	*****	*****
0.675	*****	-0.2844	-0.1333	-0.2007	-0.7707	*****	*****	*****	*****	*****
0.700	-0.3766	-0.3092	-0.1180	-0.2796	-0.9033	*****	*****	*****	*****	*****
0.725	*****	-0.3157	*****	-0.5285	-1.0599	*****	*****	*****	*****	*****
0.750	-0.3956	-0.3160	*****	-0.7990	-1.1519	*****	*****	*****	*****	*****
0.775	*****	-0.3976	-0.8697	-0.9360	-0.9973	*****	*****	*****	*****	*****
0.800	-0.3996	-0.6127	-0.9406	-0.9374	*****	*****	*****	*****	*****	*****
0.825	*****	-0.7669	-0.9322	-0.9299	-0.6404	*****	*****	*****	*****	*****
0.850	-0.4121	-0.8554	-0.9044	-0.7988	-0.6015	*****	*****	*****	*****	*****
0.875	*****	-0.9066	-0.8398	-0.7146	-0.6023	*****	*****	*****	*****	*****
0.900	-0.5462	-0.9114	-0.7744	-0.6908	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9110	-0.7315	-0.6486	-0.6128	*****	*****	*****	*****	*****
0.950	-0.7508	-0.8971	-0.7083	-0.6413	-0.5546	*****	*****	*****	*****	*****
0.975	*****	-0.8788	-0.6951	-0.6365	-0.5136	*****	*****	*****	*****	*****
1.000	-0.8776	-0.8990	-0.7201	-0.6307	-0.4392	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.1726	0.1698	0.2214	*****	*****	*****	*****	*****	*****
-0.400		0.1662	0.1813	0.1896	0.0235	-0.6646	*****	*****	*****	*****
-0.600		0.1822	0.1849	0.1833	0.0598	-0.6485	*****	*****	*****	*****
-0.700		*****	0.1888	0.1789	0.0745	-0.6292	*****	*****	*****	*****
-0.800		*****	*****	0.1893	0.0968	-0.5707	*****	*****	*****	*****
-0.850		*****	0.2223	0.1979	0.1079	-0.5565	*****	*****	*****	*****
-0.900		0.2503	0.2418	0.2195	0.1310	-0.5454	*****	*****	*****	*****
-0.950		0.2570	0.1571	0.2301	0.1641	-0.1783	*****	*****	*****	*****
-0.975		*****	0.1905	0.1979	0.1559	-0.0407	*****	*****	*****	*****
-1.000		-0.8347	-0.8895	-0.7166	-0.6290	-0.4115	*****	*****	*****	*****

Small Radius L.E.

Run No. = 42, Point No. = 876

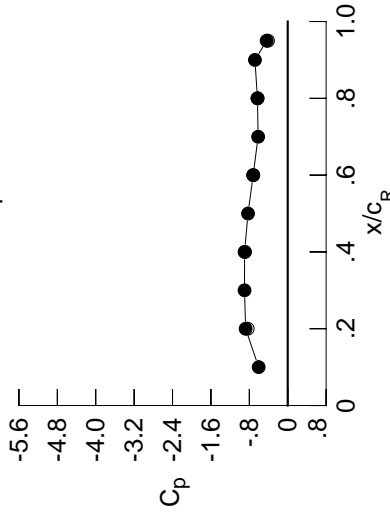
$C_N = 0.426$, $C_m = -0.0797$

$\alpha = 9.4^\circ$, $M_\infty = 0.869$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.6056	*****
0.20	-0.8776	-0.8347
0.30	-0.9003	*****
0.40	-0.8990	-0.8895
0.50	-0.8275	*****
0.60	-0.7201	-0.7166
0.70	-0.6171	*****
0.80	-0.6307	-0.6290
0.90	-0.6834	*****
0.95	-0.4392	-0.4115

Surface Pressures

● upper, starboard
○ lower, port

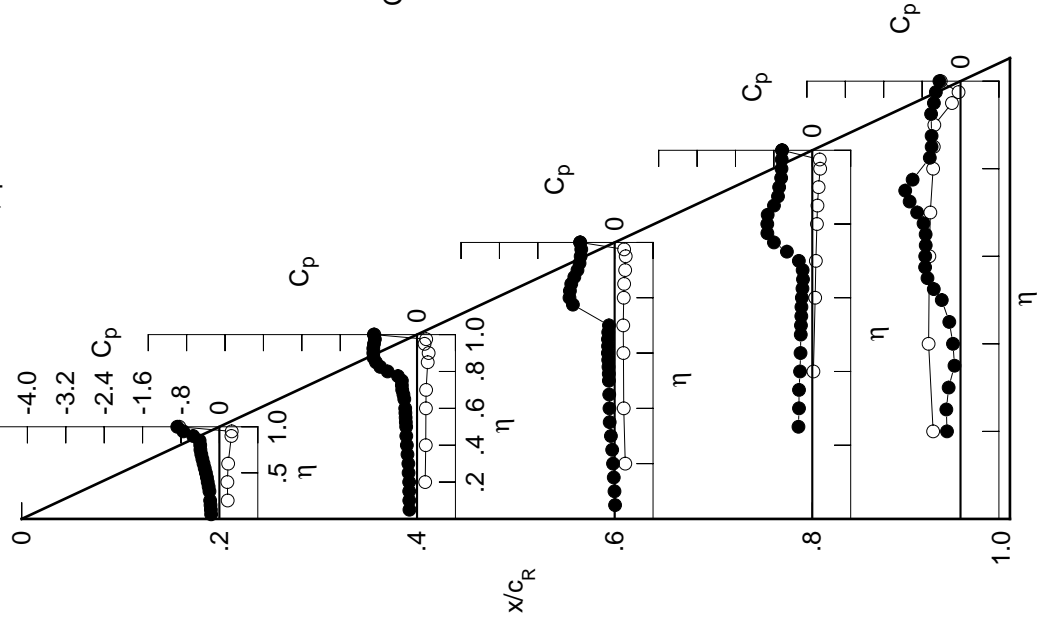


Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1928	-0.1852	-0.0120	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1976	-0.1873	-0.0235	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2066	-0.1881	-0.0389	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2169	-0.1918	-0.0557	*****	*****	*****	*****	*****	*****	-0.3701
0.250	*****	-0.2072	-0.0799	-0.3175	-0.3175	-0.3001	-0.3001	-0.3001	-0.3001	-0.3001
0.300	-0.2321	-0.2161	-0.1106	-0.3114	-0.3114	-0.1620	-0.1620	-0.1620	-0.1620	-0.1620
0.350	-0.2524	-0.2255	-0.1153	-0.2865	-0.2865	-0.1592	-0.1592	-0.1592	-0.1592	-0.1592
0.400	-0.2703	-0.2362	-0.1170	-0.2750	-0.2750	-0.1911	-0.1911	-0.1911	-0.1911	-0.1911
0.450	-0.2862	-0.2494	-0.1175	-0.2674	-0.2674	-0.3082	-0.3082	-0.3082	-0.3082	-0.3082
0.500	-0.3040	-0.2443	-0.1371	-0.2588	-0.2588	-0.5634	-0.5634	-0.5634	-0.5634	-0.5634
0.525	*****	-0.2485	-0.1393	-0.2537	-0.2537	-0.6833	-0.6833	-0.6833	-0.6833	-0.6833
0.550	-0.3280	-0.2503	-0.1438	-0.2415	-0.2415	-0.7069	-0.7069	-0.7069	-0.7069	-0.7069
0.575	*****	-0.2551	-0.1431	-0.2351	-0.2351	-0.7104	-0.7104	-0.7104	-0.7104	-0.7104
0.600	-0.3573	-0.2597	-0.1434	-0.2296	-0.2296	-0.7054	-0.7054	-0.7054	-0.7054	-0.7054
0.625	*****	*****	-0.1289	-0.2307	-0.2307	-0.7134	-0.7134	-0.7134	-0.7134	-0.7134
0.650	-0.3804	-0.2609	-0.1263	-0.2648	-0.2648	-0.7705	-0.7705	-0.7705	-0.7705	-0.7705
0.675	*****	-0.2522	-0.1484	-0.3852	-0.3852	-0.8836	-0.8836	-0.8836	-0.8836	-0.8836
0.700	-0.3996	-0.2282	-0.2943	-0.6101	-1.0268	-1.0268	-1.0268	-1.0268	-1.0268	-1.0268
0.725	*****	-0.2839	*****	-0.8580	-1.1245	-1.1245	-1.1245	-1.1245	-1.1245	-1.1245
0.750	-0.4162	-0.6757	*****	-1.0150	-0.7938	-0.7938	-0.7938	-0.7938	-0.7938	-0.7938
0.775	*****	-0.9222	-1.0569	-1.0654	-0.6419	-0.6419	-0.6419	-0.6419	-0.6419	-0.6419
0.800	-0.4368	-0.9886	-1.0440	-0.9082	*****	*****	*****	*****	*****	*****
0.825	*****	-0.9951	-1.0162	-0.8092	-0.5742	-0.5742	-0.5742	-0.5742	-0.5742	-0.5742
0.850	-0.6114	-0.9881	-0.9573	-0.7872	-0.5626	-0.5626	-0.5626	-0.5626	-0.5626	-0.5626
0.875	*****	-0.9728	-0.8423	-0.7509	-0.5692	-0.5692	-0.5692	-0.5692	-0.5692	-0.5692
0.900	-0.8095	-0.9387	-0.7798	-0.7041	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9218	-0.7399	-0.6802	-0.5582	-0.5582	-0.5582	-0.5582	-0.5582	-0.5582
0.950	-0.9120	-0.9069	-0.7040	-0.6891	-0.4941	-0.4941	-0.4941	-0.4941	-0.4941	-0.4941
0.975	*****	-0.8939	-0.6907	-0.6811	-0.4292	-0.4292	-0.4292	-0.4292	-0.4292	-0.4292
1.000	-0.9056	-0.9130	-0.7082	-0.6720	-0.3706	-0.3706	-0.3706	-0.3706	-0.3706	-0.3706
$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1986	0.1954	0.2390	*****	-0.5687	-0.5687	-0.5687	-0.5687	-0.5687	-0.5687
-0.400	0.1963	0.2032	0.2084	0.0434	-0.6602	-0.6602	-0.6602	-0.6602	-0.6602	-0.6602
-0.600	0.2131	0.2111	0.2017	0.0747	-0.6401	-0.6401	-0.6401	-0.6401	-0.6401	-0.6401
-0.700	*****	0.2142	0.2023	0.0875	-0.6201	-0.6201	-0.6201	-0.6201	-0.6201	-0.6201
-0.800	*****	*****	0.2101	0.1146	-0.5596	-0.5596	-0.5596	-0.5596	-0.5596	-0.5596
-0.850	*****	0.2471	0.2189	0.1257	-0.5424	-0.5424	-0.5424	-0.5424	-0.5424	-0.5424
-0.900	0.2735	0.2609	0.2378	0.1466	-0.5197	-0.5197	-0.5197	-0.5197	-0.5197	-0.5197
-0.950	0.2740	0.1616	0.2380	0.1728	-0.1691	-0.1691	-0.1691	-0.1691	-0.1691	-0.1691
-0.975	*****	0.1837	0.1927	0.1516	-0.0343	-0.0343	-0.0343	-0.0343	-0.0343	-0.0343
-1.000	-0.8776	-0.9156	-0.7128	-0.6717	-0.3629	-0.3629	-0.3629	-0.3629	-0.3629	-0.3629

Small Radius L.E.
 Run No. = 42, Point No. = 877
 $C_N = 0.484$, $C_m = -0.0908$
 $\alpha = 10.4^\circ$, $M_\infty = 0.869$
 $R_{mac} = 6.0 \times 10^6$

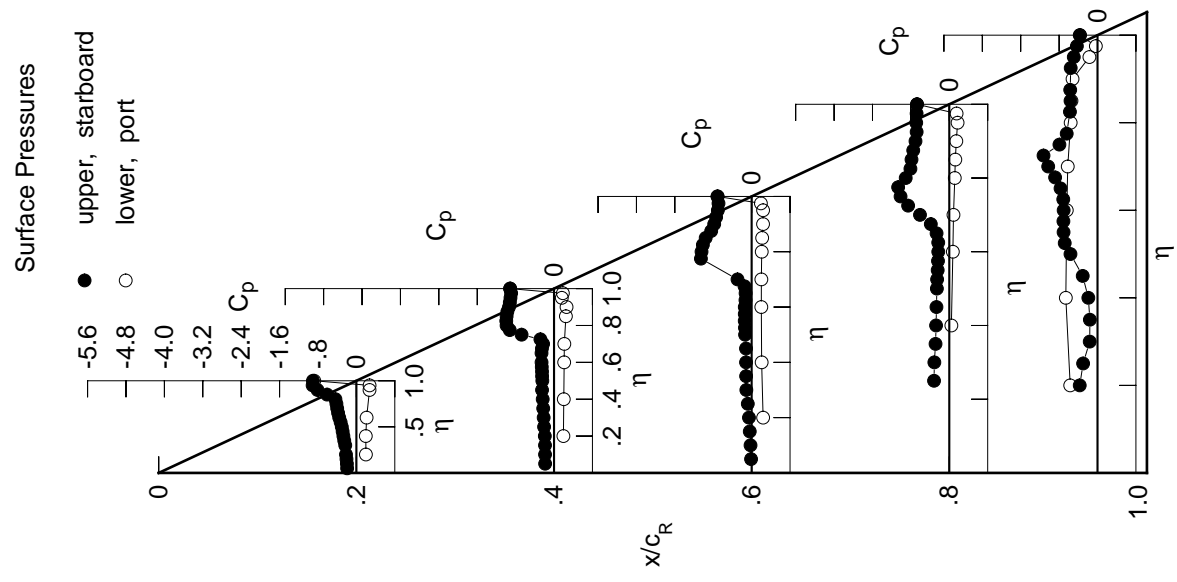
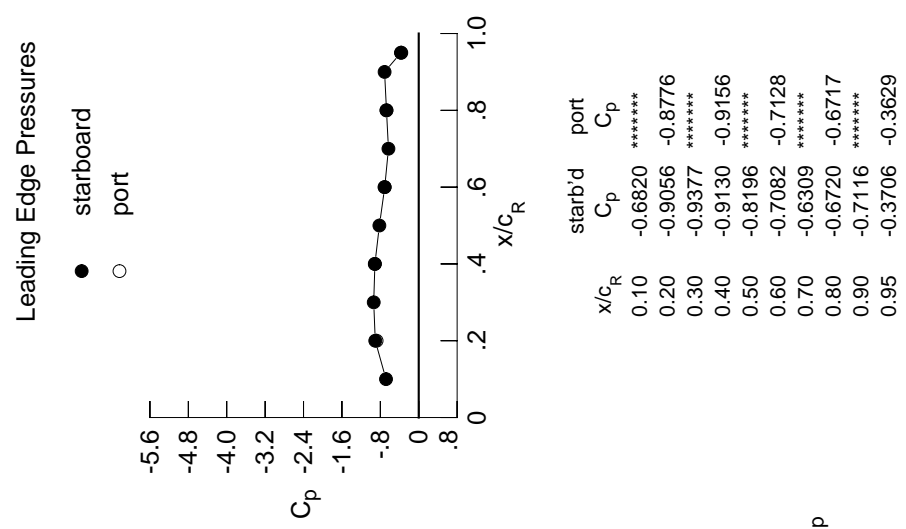


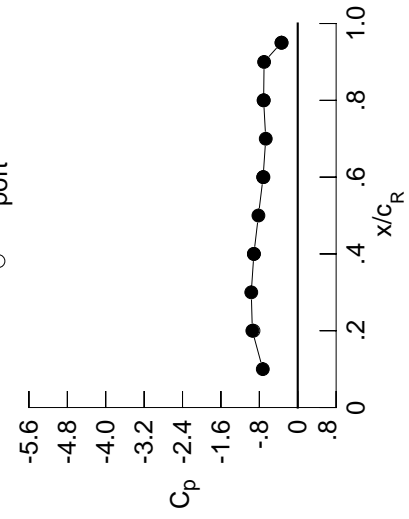
Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2090	-0.2142	-0.0307	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2154	-0.2115	-0.0417	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2323	-0.2172	-0.0549	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2363	-0.2244	-0.0872	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2443	-0.1028	-0.3451	-0.2313	*****	*****	*****	*****	*****
0.300	-0.2538	-0.2470	-0.1202	-0.3229	-0.1529	*****	*****	*****	*****	*****
0.350	-0.2699	-0.2449	-0.1196	-0.3027	-0.1795	*****	*****	*****	*****	*****
0.400	-0.2953	-0.2534	-0.1277	-0.2950	-0.2666	*****	*****	*****	*****	*****
0.450	-0.3123	-0.2597	-0.1346	-0.2813	-0.4545	*****	*****	*****	*****	*****
0.500	-0.3254	-0.2616	-0.1471	-0.2778	-0.6483	*****	*****	*****	*****	*****
0.525	*****	-0.2628	-0.1523	-0.2673	-0.6687	*****	*****	*****	*****	*****
0.550	-0.3458	-0.2657	-0.1471	-0.2604	-0.6637	*****	*****	*****	*****	*****
0.575	*****	-0.2684	-0.1459	-0.2622	-0.6783	*****	*****	*****	*****	*****
0.600	-0.3724	-0.2611	-0.1443	-0.2791	-0.7139	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1535	-0.3329	-0.7893	*****	*****	*****	*****	*****
0.650	-0.3973	-0.2190	-0.2318	-0.4557	-0.9196	*****	*****	*****	*****	*****
0.675	*****	-0.2113	-0.4553	-0.6610	-1.0502	*****	*****	*****	*****	*****
0.700	-0.4049	-0.4727	-0.7773	-0.8868	-1.1575	*****	*****	*****	*****	*****
0.725	*****	-0.9273	*****	-1.0619	-0.7681	*****	*****	*****	*****	*****
0.750	-0.4212	-1.0988	*****	-1.1441	-0.6611	*****	*****	*****	*****	*****
0.775	*****	-1.1283	-1.1349	-0.9438	-0.5898	*****	*****	*****	*****	*****
0.800	-0.6615	-1.1043	-1.1045	-0.8008	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0715	-1.0112	-0.7754	-0.5490	*****	*****	*****	*****	*****
0.850	-0.8840	-1.0327	-0.8879	-0.7870	-0.5339	*****	*****	*****	*****	*****
0.875	*****	-0.9868	-0.8250	-0.7642	-0.5339	*****	*****	*****	*****	*****
0.900	-0.9146	-0.9454	-0.8015	-0.7270	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9226	-0.7524	-0.7181	-0.5076	*****	*****	*****	*****	*****
0.950	-0.9883	-0.9077	-0.7204	-0.7269	-0.4398	*****	*****	*****	*****	*****
0.975	*****	-0.8956	-0.7064	-0.7232	-0.3887	*****	*****	*****	*****	*****
1.000	-0.9455	-0.9138	-0.7212	-0.7103	-0.3402	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2299	0.2191	0.2565	*****	*****	-0.5823	*****	*****	*****	*****
-0.600	0.2257	0.2284	0.2298	0.0590	-0.6540	*****	*****	*****	*****	*****
-0.700	0.2420	0.2390	0.2206	0.0883	-0.6308	*****	*****	*****	*****	*****
-0.800	*****	0.2419	0.2247	0.1080	-0.6095	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2310	0.1269	-0.5485	*****	*****	*****	*****	*****
-0.900	*****	0.2718	0.2381	0.1422	-0.5268	*****	*****	*****	*****	*****
-0.950	0.2946	0.2776	0.2546	0.1603	-0.5003	*****	*****	*****	*****	*****
-0.975	0.2888	0.1644	0.2435	0.1814	-0.1574	*****	*****	*****	*****	*****
-1.000	*****	0.1775	0.1850	0.1495	-0.0291	*****	*****	*****	*****	*****
	-0.9215	-0.9133	-0.7141	-0.7084	-0.3355	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 42, Point No. = 878
 $C_N = 0.535$, $C_m = -0.0959$
 $\alpha = 11.4^\circ$, $M_\infty = 0.867$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



Surface Pressures
 ● upper, starboard
 ○ lower, port

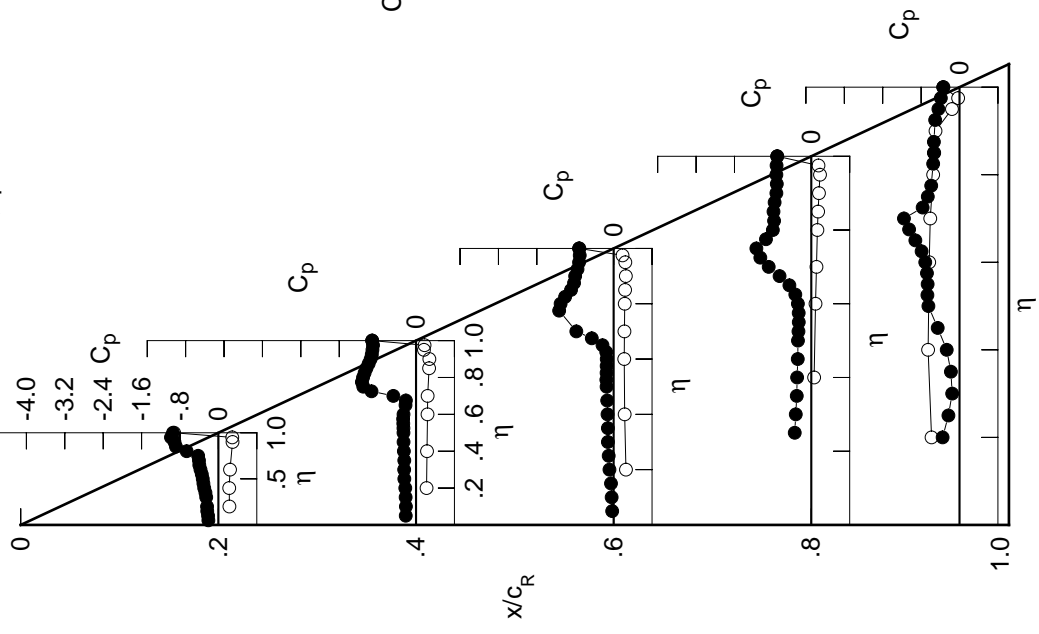


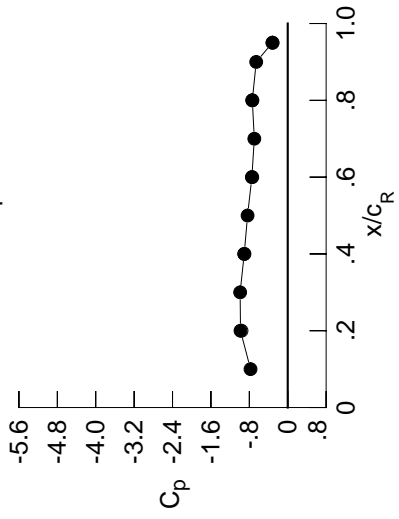
Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2296	-0.2428	-0.0522	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2369	-0.2438	-0.0603	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2528	-0.2487	-0.0829	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2635	-0.2631	-0.1121	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2758	-0.1155	-0.3627	-0.2483	*****	*****	*****	*****	*****
0.300	-0.2741	-0.2717	-0.1265	-0.3374	-0.2080	*****	*****	*****	*****	*****
0.350	-0.2870	-0.2718	-0.1380	-0.3246	-0.2406	*****	*****	*****	*****	*****
0.400	-0.3160	-0.2733	-0.1485	-0.3134	-0.3652	*****	*****	*****	*****	*****
0.450	-0.3327	-0.2856	-0.1503	-0.2982	-0.5886	*****	*****	*****	*****	*****
0.500	-0.3439	-0.2859	-0.1621	-0.2949	-0.6597	*****	*****	*****	*****	*****
0.525	*****	-0.2871	-0.1623	-0.2897	-0.6676	*****	*****	*****	*****	*****
0.550	-0.3616	-0.2818	-0.1638	-0.2970	-0.6807	*****	*****	*****	*****	*****
0.575	*****	-0.2736	-0.1701	-0.3206	-0.7288	*****	*****	*****	*****	*****
0.600	-0.3906	-0.2499	-0.2183	-0.3813	-0.8054	*****	*****	*****	*****	*****
0.625	*****	*****	-0.3139	-0.5035	-0.9215	*****	*****	*****	*****	*****
0.650	-0.3918	-0.3225	-0.5529	-0.6849	-1.0579	*****	*****	*****	*****	*****
0.675	*****	-0.6861	-0.8392	-0.8971	-1.1527	*****	*****	*****	*****	*****
0.700	-0.3632	-1.0399	-1.0569	-1.0736	-0.7405	*****	*****	*****	*****	*****
0.725	*****	-1.1723	*****	-1.1837	-0.6657	*****	*****	*****	*****	*****
0.750	-0.6655	-1.2049	*****	-0.9617	-0.5991	*****	*****	*****	*****	*****
0.775	*****	-1.2016	-1.1532	-0.8491	-0.5518	*****	*****	*****	*****	*****
0.800	-0.9348	-1.1476	-1.0542	-0.8229	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1030	-0.9161	-0.8230	-0.5219	*****	*****	*****	*****	*****
0.850	-1.0071	-1.0466	-0.8640	-0.8272	-0.5048	*****	*****	*****	*****	*****
0.875	*****	-0.9932	-0.8487	-0.7867	-0.4960	*****	*****	*****	*****	*****
0.900	-0.9578	-0.9511	-0.8289	-0.7578	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9299	-0.7802	-0.7539	-0.4586	*****	*****	*****	*****	*****
0.950	-1.0257	-0.9152	-0.7544	-0.7578	-0.3969	*****	*****	*****	*****	*****
0.975	*****	-0.8987	-0.7390	-0.7526	-0.3614	*****	*****	*****	*****	*****
1.000	-0.9841	-0.9063	-0.7468	-0.7379	-0.3188	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2514	0.2393	0.2719	*****	*****	*****	*****	*****	*****	*****
-0.600	0.2508	0.2473	0.2436	0.0687	0.6455	*****	*****	*****	*****	*****
-0.700	0.2690	0.2579	0.2362	0.1019	-0.6193	*****	*****	*****	*****	*****
-0.800	*****	0.2628	0.2403	0.1170	-0.5984	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2467	0.1409	-0.5352	*****	*****	*****	*****	*****
-0.900	*****	0.2880	0.2523	0.1542	-0.5130	*****	*****	*****	*****	*****
-0.950	0.3109	0.2905	0.2634	0.1718	-0.4809	*****	*****	*****	*****	*****
-0.975	0.2998	0.1651	0.2430	0.1839	-0.1511	*****	*****	*****	*****	*****
-1.000	*****	0.1659	0.1723	0.1392	-0.0305	*****	*****	*****	*****	*****
	-0.9623	-0.9026	-0.7389	-0.7386	-0.3164	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 42, Point No. = 879
 $C_N = 0.592$, $C_m = -0.1062$
 $\alpha = 12.4^\circ$, $M_\infty = 0.870$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.7749	*****
0.20	-0.9841	-0.9623
0.30	-0.9916	*****
0.40	-0.9063	-0.9026
0.50	-0.8371	*****
0.60	-0.7468	-0.7389
0.70	-0.6962	*****
0.80	-0.7379	-0.7386
0.90	-0.6564	*****
0.95	-0.3188	-0.3164

Surface Pressures

● upper, starboard
 ○ lower, port

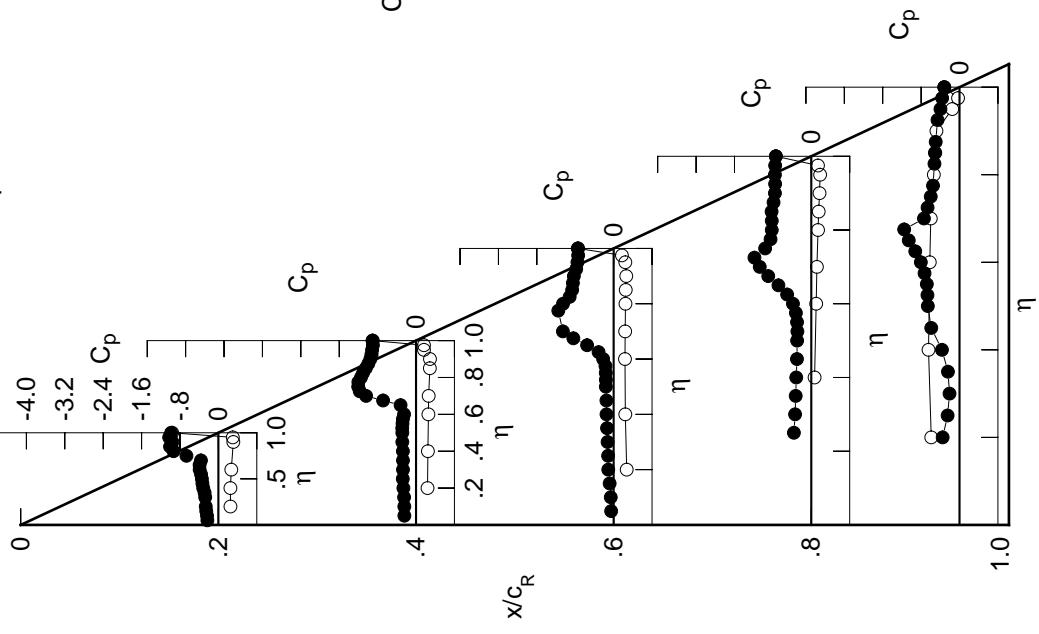
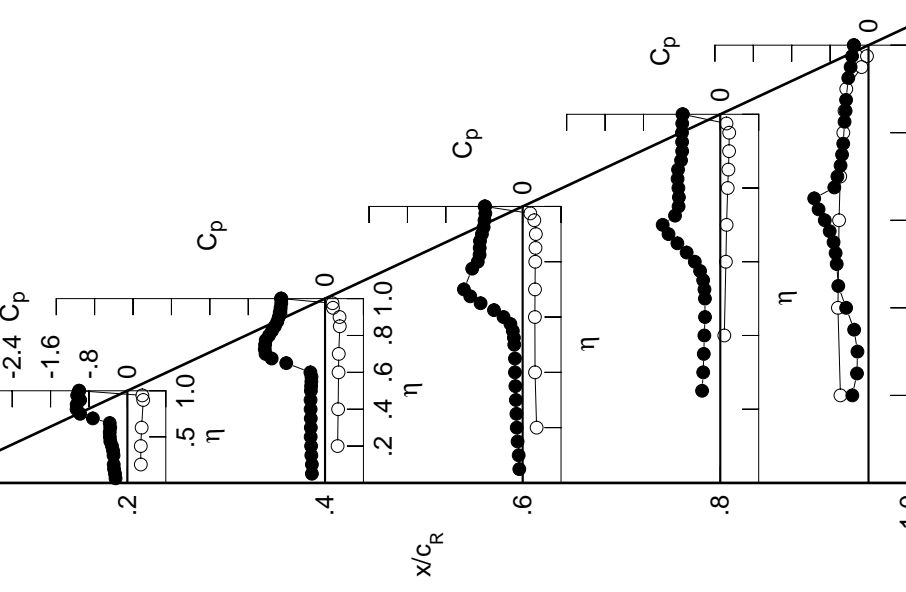
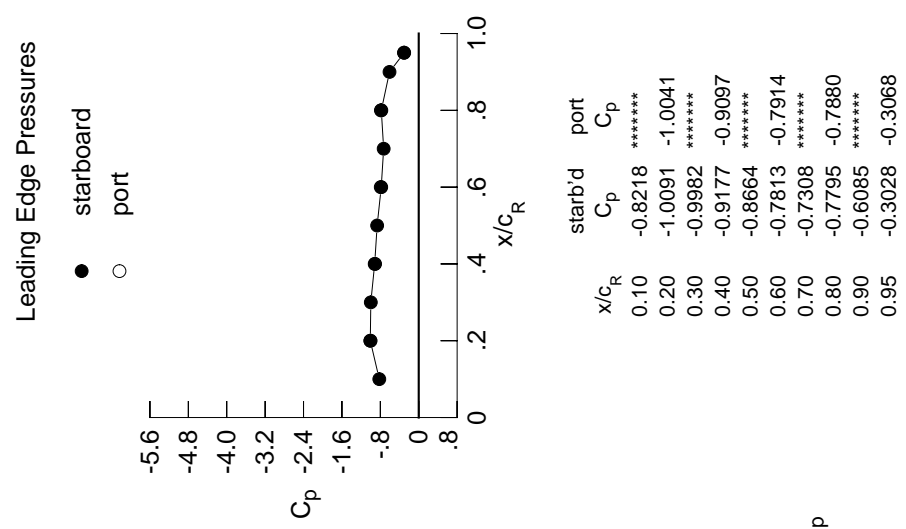


Table D5. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2476	-0.2739	-0.0697	*****	*****
0.100	-0.2587	-0.2735	-0.0827	*****	*****
0.150	-0.2776	-0.2855	-0.1053	*****	*****
0.200	-0.2845	-0.2907	-0.1234	*****	-0.3364
0.250	*****	-0.2990	-0.1298	-0.3789	-0.2401
0.300	-0.2886	-0.2957	-0.1404	-0.3557	-0.2305
0.350	-0.2981	-0.2969	-0.1509	-0.3440	-0.2994
0.400	-0.3207	-0.3001	-0.1612	-0.3320	-0.4666
0.450	-0.3548	-0.3018	-0.1611	-0.3188	-0.6296
0.500	-0.3656	-0.2946	-0.1741	-0.3200	-0.6628
0.525	*****	-0.2901	-0.1823	-0.3300	-0.6854
0.550	-0.3682	-0.2850	-0.2049	-0.3566	-0.7278
0.575	*****	-0.2823	-0.2544	-0.4205	-0.8086
0.600	-0.3574	-0.3046	-0.3978	-0.5313	-0.9114
0.625	*****	*****	-0.5969	-0.7010	-1.0404
0.650	-0.3683	-0.8083	-0.8763	-0.8935	-1.1310
0.675	*****	-1.1123	-1.0913	-1.0788	-0.7128
0.700	-0.7195	-1.2392	-1.2240	-1.2004	-0.6481
0.725	*****	-1.2548	*****	-0.9435	-0.5821
0.750	-0.9846	-1.2488	*****	-0.8685	-0.5514
0.775	*****	-1.2353	-1.0515	-0.8627	-0.5267
0.800	-1.0583	-1.1673	-0.9348	-0.8724	*****
0.825	*****	-1.1056	-0.8972	-0.8892	-0.4990
0.850	-1.0568	-1.0445	-0.8942	-0.8798	-0.4775
0.875	*****	-0.9952	-0.8887	-0.8175	-0.4668
0.900	-0.9840	-0.9628	-0.8491	-0.7941	*****
0.925	*****	-0.9440	-0.8117	-0.7953	-0.4218
0.950	-1.0462	-0.9269	-0.7942	-0.7986	-0.3727
0.975	*****	-0.9121	-0.7777	-0.7926	-0.3424
1.000	-1.0091	-0.9177	-0.7813	-0.7795	-0.3028
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2796	0.2618	0.2910	*****	-0.5849
-0.400	0.2793	0.2730	0.2582	0.0837	-0.6372
-0.600	0.2965	0.2812	0.2551	0.1168	-0.6135
-0.700	*****	0.2854	0.2575	0.1310	-0.5894
-0.800	*****	*****	0.2629	0.1545	-0.5248
-0.850	*****	0.3075	0.2682	0.1688	-0.5001
-0.900	0.3300	0.3024	0.2748	0.1835	-0.4636
-0.950	0.3108	0.1644	0.2425	0.1854	-0.1436
-0.975	*****	0.1559	0.1592	0.1292	-0.0318
-1.000	-1.0041	-0.9097	-0.7914	-0.7880	-0.3068

Small Radius L.E.
 Run No. = 42, Point No. = 880
 $C_N = 0.647$, $C_m = -0.1153$
 $\alpha = 13.5^\circ$, $M_\infty = 0.870$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.8218	*****
0.20	-1.0091	-1.0041
0.30	-0.9982	*****
0.40	-0.9177	-0.9097
0.50	-0.8664	*****
0.60	-0.7813	-0.7914
0.70	-0.7308	*****
0.80	-0.7795	-0.7880
0.90	-0.6085	*****
0.95	-0.3028	-0.3068

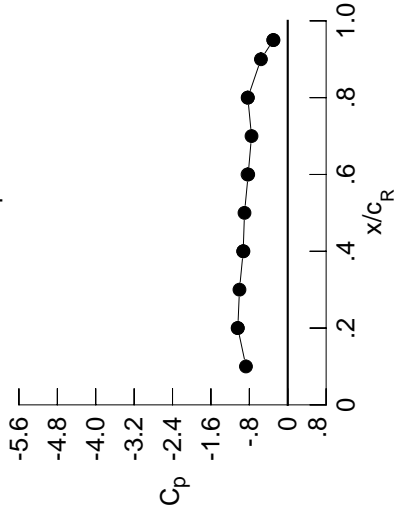
Table D5. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2667	-0.3052	-0.0855	*****	*****
0.100	-0.2779	-0.3078	-0.1002	*****	*****
0.150	-0.2972	-0.3191	-0.1190	*****	*****
0.200	-0.3005	-0.3161	-0.1306	*****	-0.3148
0.250	*****	-0.3212	-0.1376	-0.4036	-0.2232
0.300	-0.2993	-0.3222	-0.1534	-0.3802	-0.2550
0.350	-0.3097	-0.3260	-0.1632	-0.3671	-0.3560
0.400	-0.3290	-0.3262	-0.1710	-0.3559	-0.5259
0.450	-0.3586	-0.3244	-0.1725	-0.3480	-0.6298
0.500	-0.3695	-0.3165	-0.2028	-0.3688	-0.6763
0.525	*****	-0.3126	-0.2371	-0.4030	-0.7192
0.550	-0.3469	-0.3246	-0.3093	-0.4619	-0.7832
0.575	*****	-0.3774	-0.4324	-0.5740	-0.8865
0.600	-0.2908	-0.5332	-0.6511	-0.7225	-1.0000
0.625	*****	*****	-0.8659	-0.8991	-1.1252
0.650	-0.7761	-1.1049	-1.0845	-1.0665	-0.7558
0.675	*****	-1.2872	-1.2333	-1.2098	-0.6473
0.700	-1.0403	-1.3447	-1.3211	-1.0111	-0.5796
0.725	*****	-1.3102	*****	-0.8990	-0.5455
0.750	-1.0949	-1.2876	*****	-0.8887	-0.5330
0.775	*****	-1.2667	-0.9925	-0.8957	-0.5145
0.800	-1.1007	-1.1964	-0.9562	-0.9067	*****
0.825	*****	-1.1168	-0.9424	-0.9195	-0.4877
0.850	-1.0818	-1.0520	-0.9454	-0.8984	-0.4653
0.875	*****	-1.0174	-0.9217	-0.8394	-0.4517
0.900	-1.0121	-0.9942	-0.8781	-0.8311	*****
0.925	*****	-0.9664	-0.8551	-0.8389	-0.4006
0.950	-1.0792	-0.9425	-0.8431	-0.8441	-0.3578
0.975	*****	-0.9275	-0.8245	-0.8424	-0.3337
1.000	-1.0399	-0.9280	-0.8236	-0.8308	-0.2979
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3080	0.2853	0.3069	*****	-0.5793
-0.400	0.3091	0.2960	0.2778	0.0995	-0.6302
-0.600	0.3265	0.3036	0.2721	0.1299	-0.6038
-0.700	*****	0.3095	0.2755	0.1466	-0.5799
-0.800	*****	*****	0.2810	0.1687	-0.5117
-0.850	*****	0.3257	0.2834	0.1828	-0.4876
-0.900	0.3484	0.3101	0.2879	0.1952	-0.4475
-0.950	0.3230	0.1643	0.2412	0.1866	-0.1371
-0.975	*****	0.1462	0.1442	0.1184	-0.0339
-1.000	-1.0434	-0.9235	-0.8373	-0.8344	-0.3017

Small Radius L.E.
 Run No. = 42, Point No. = 881
 $C_N = 0.699$, $C_m = -0.1223$
 $\alpha = 14.5^\circ$, $M_\infty = 0.870$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	-0.8700	*****
0.20	-1.0399	-1.0434
0.30	-1.0054	*****
0.40	-0.9280	-0.9235
0.50	-0.9008	*****
0.60	-0.8236	-0.8373
0.70	-0.7544	*****
0.80	-0.8308	-0.8344
0.90	-0.5582	*****
0.95	-0.2979	-0.3017

Surface Pressures

- upper, starboard
- lower, port

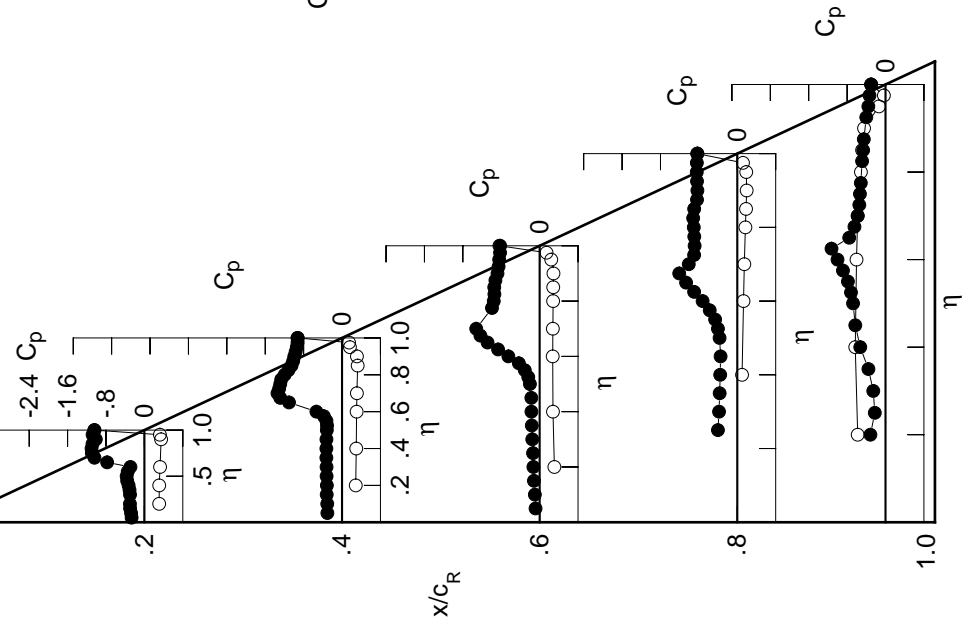


Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2844	-0.3388	-0.1045	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3009	-0.3467	-0.1208	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3165	-0.3524	-0.1353	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3157	-0.3483	-0.1442	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3569	-0.1559	-0.4304	-0.2473	*****	*****	*****	*****	*****
0.300	-0.3167	-0.3542	-0.1724	-0.4105	-0.2879	*****	*****	*****	*****	*****
0.350	-0.3327	-0.3578	-0.1840	-0.3975	-0.3812	*****	*****	*****	*****	*****
0.400	-0.3504	-0.3568	-0.1978	-0.3926	-0.5106	*****	*****	*****	*****	*****
0.450	-0.3644	-0.3537	-0.2147	-0.3986	-0.5916	*****	*****	*****	*****	*****
0.500	-0.3614	-0.3539	-0.2875	-0.4559	-0.6628	*****	*****	*****	*****	*****
0.525	*****	-0.3763	-0.3630	-0.5170	-0.7313	*****	*****	*****	*****	*****
0.550	-0.3186	-0.4368	-0.4886	-0.6120	-0.8173	*****	*****	*****	*****	*****
0.575	*****	-0.5814	-0.6585	-0.7445	-0.9397	*****	*****	*****	*****	*****
0.600	-0.4610	-0.8136	-0.8833	-0.8931	-1.0679	*****	*****	*****	*****	*****
0.625	*****	*****	-1.0608	-1.0497	-1.0284	*****	*****	*****	*****	*****
0.650	-1.0921	-1.2608	-1.2275	-1.1892	-0.6586	*****	*****	*****	*****	*****
0.675	*****	-1.3944	-1.3376	-1.1737	-0.6020	*****	*****	*****	*****	*****
0.700	-1.1947	-1.4376	-1.2176	-0.9437	-0.5791	*****	*****	*****	*****	*****
0.725	*****	-1.3910	*****	-0.9266	-0.5629	*****	*****	*****	*****	*****
0.750	-1.1836	-1.3217	*****	-0.9229	-0.5554	*****	*****	*****	*****	*****
0.775	*****	-1.2967	-1.0289	-0.9291	-0.5264	*****	*****	*****	*****	*****
0.800	-1.1530	-1.1859	-1.0322	-0.9461	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1041	-1.0472	-0.9592	-0.4815	*****	*****	*****	*****	*****
0.850	-1.1092	-1.0684	-1.0313	-0.9242	-0.4592	*****	*****	*****	*****	*****
0.875	*****	-1.0558	-0.9655	-0.8590	-0.4462	*****	*****	*****	*****	*****
0.900	-1.0447	-1.0309	-0.9208	-0.8548	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9892	-0.9079	-0.8685	-0.3962	*****	*****	*****	*****	*****
0.950	-1.0986	-0.9650	-0.9008	-0.8766	-0.3578	*****	*****	*****	*****	*****
0.975	*****	-0.9500	-0.8802	-0.8735	-0.3387	*****	*****	*****	*****	*****
1.000	-1.0653	-0.9495	-0.8766	-0.8616	-0.3065	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3350	0.3097	0.3244	*****	*****	*****	*****	*****	*****	*****
-0.600	0.3365	0.3187	0.2959	0.1147	-0.6205	*****	*****	*****	*****	*****
-0.700	0.3544	0.3270	0.2906	0.1475	-0.5935	*****	*****	*****	*****	*****
-0.800	*****	0.3303	0.2912	0.1611	-0.5694	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2976	0.1832	-0.4999	*****	*****	*****	*****	*****
-0.900	*****	0.3422	0.2988	0.1968	-0.4742	*****	*****	*****	*****	*****
-0.950	0.3643	0.3254	0.2995	0.2036	-0.4321	*****	*****	*****	*****	*****
-0.975	0.3321	0.1652	0.2390	0.1871	-0.1322	*****	*****	*****	*****	*****
-1.000	*****	0.1335	0.1292	0.1078	-0.0384	*****	*****	*****	*****	*****
-1.000	-1.0756	-0.9450	-0.8984	-0.8592	-0.3057	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 42, Point No. = 882
 $C_N = 0.752$, $C_m = -0.1294$
 $\alpha = 15.5^\circ$, $M_\infty = 0.870$
 $R_{mac} = 6.0 \times 10^6$

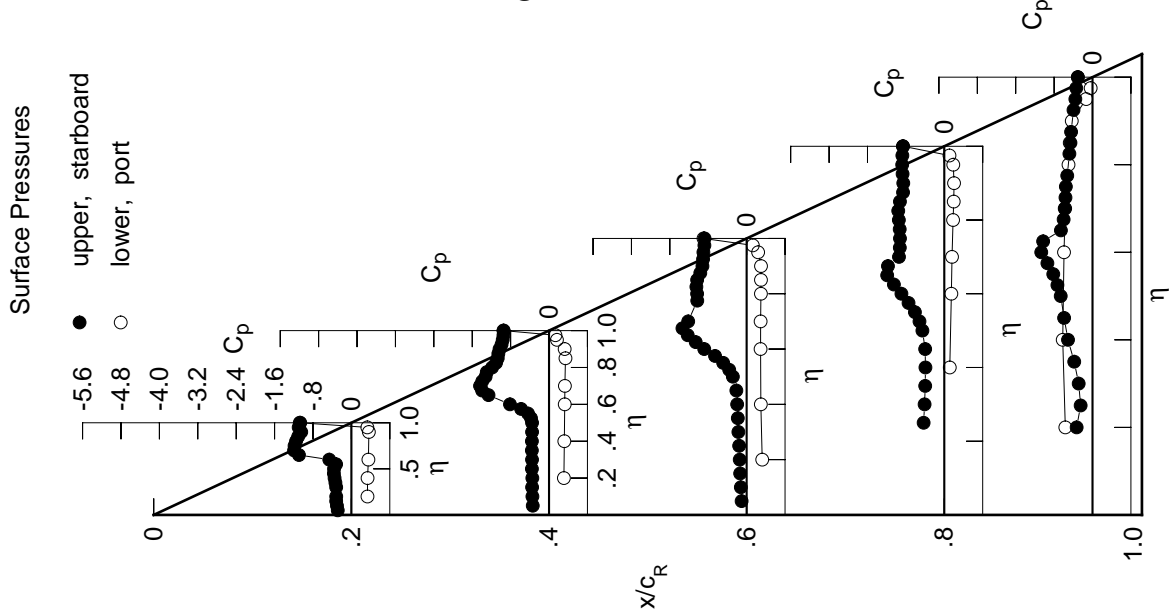
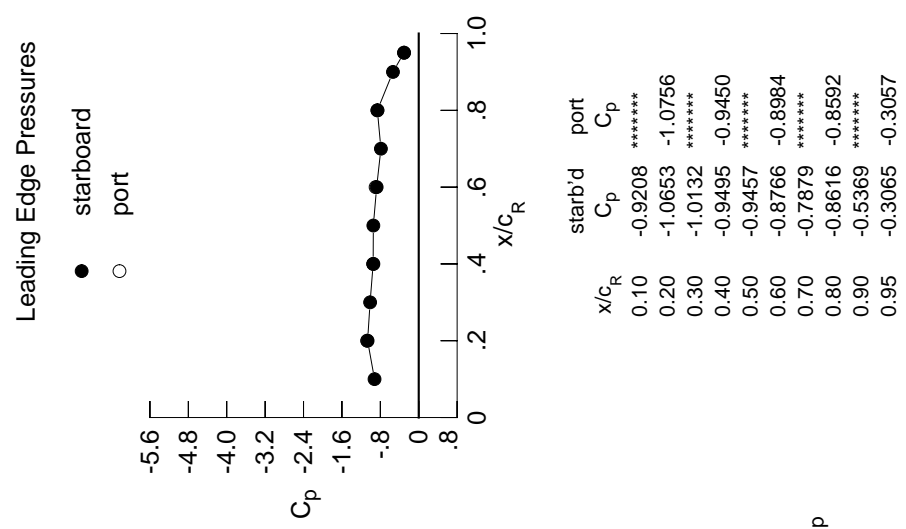
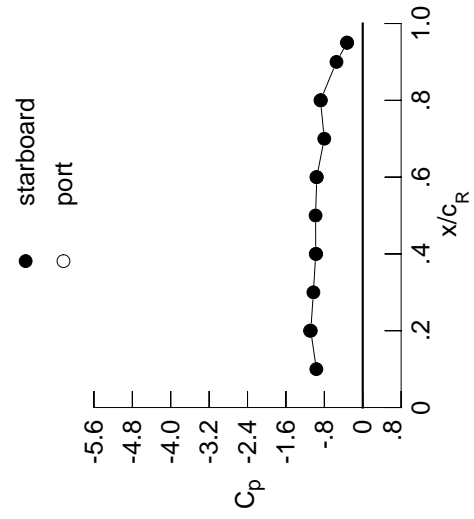


Table D5. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3116	-0.3679	-0.1301	*****	*****
0.100	-0.3293	-0.3786	-0.1478	*****	*****
0.150	-0.3338	-0.3785	-0.1592	*****	*****
0.200	-0.3392	-0.3770	-0.1741	*****	-0.3564
0.250	*****	-0.3858	-0.1903	-0.4624	-0.3164
0.300	-0.3385	-0.3823	-0.2119	-0.4436	-0.3465
0.350	-0.3570	-0.3876	-0.2301	-0.4357	-0.4156
0.400	-0.3758	-0.3869	-0.2585	-0.4386	-0.4990
0.450	-0.3802	-0.3913	-0.3025	-0.4715	-0.5633
0.500	-0.3642	-0.4229	-0.4332	-0.5725	-0.6594
0.525	*****	-0.4891	-0.5489	-0.6549	-0.7455
0.550	-0.3403	-0.6088	-0.7040	-0.7682	-0.8580
0.575	*****	-0.8083	-0.8808	-0.9015	-0.9980
0.600	-0.8069	-1.0288	-1.0715	-1.0359	-1.1238
0.625	*****	*****	-1.2102	-1.1672	-0.7486
0.650	-1.2717	-1.3567	-1.3404	-1.2800	-0.6500
0.675	*****	-1.4658	-1.1943	-1.0667	-0.6391
0.700	-1.2984	-1.5094	-1.0625	-0.9909	-0.6319
0.725	*****	-1.4684	*****	-0.9811	-0.6280
0.750	-1.2710	-1.3429	*****	-0.9761	-0.6074
0.775	*****	-1.2448	-1.0519	-0.9842	-0.5437
0.800	-1.2102	-1.1520	-1.0704	-0.9994	*****
0.825	*****	-1.1136	-1.0957	-1.0079	-0.4792
0.850	-1.1474	-1.0987	-1.0513	-0.9762	-0.4563
0.875	*****	-1.0956	-0.9726	-0.8980	-0.4494
0.900	-1.0761	-1.0531	-0.9619	-0.8738	*****
0.925	*****	-1.0057	-0.9744	-0.8759	-0.4137
0.950	-1.1098	-0.9932	-0.9785	-0.8861	-0.3749
0.975	*****	-0.9825	-0.9650	-0.8908	-0.3586
1.000	-1.0824	-0.9787	-0.9573	-0.8800	-0.3261
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3622	0.3304	0.3424	*****	-0.5555
-0.400	0.3646	0.3353	0.3114	0.1311	-0.6093
-0.600	0.3812	0.3486	0.3066	0.1604	-0.5826
-0.700	*****	0.3497	0.3068	0.1770	-0.5586
-0.800	*****	*****	0.3127	0.1956	-0.4877
-0.850	*****	0.3570	0.3105	0.2092	-0.4621
-0.900	0.3790	0.3340	0.3026	0.2083	-0.4180
-0.950	0.3412	0.1625	0.2333	0.1865	-0.1298
-0.975	*****	0.1205	0.1119	0.0965	-0.0467
-1.000	-1.0983	-0.9698	-0.9645	-0.8721	-0.3269

Small Radius L.E.
 Run No. = 42, Point No. = 883
 $C_N = 0.820$, $C_m = -0.1471$
 $\alpha = 16.5^\circ$, $M_\infty = 0.870$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.9665	*****
0.20	-1.0824	-1.0983
0.30	-1.0281	*****
0.40	-0.9787	-0.9698
0.50	-0.9823	*****
0.60	-0.9573	-0.9645
0.70	-0.8017	*****
0.80	-0.8800	-0.8721
0.90	-0.5471	*****
0.95	-0.3261	-0.3269

Surface Pressures

● upper, starboard
 ○ lower, port

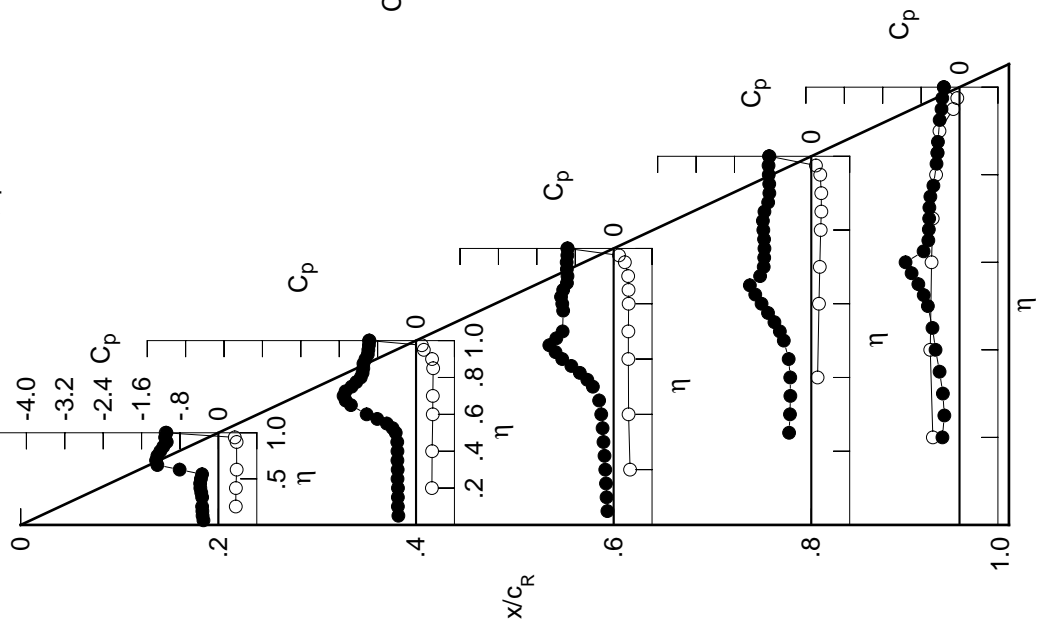
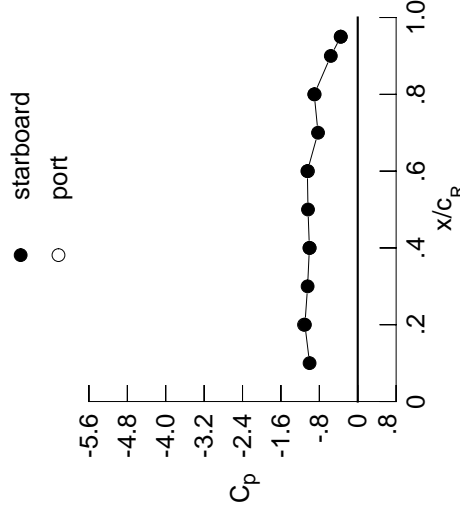


Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3383	-0.3995	-0.1805	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3502	-0.4051	-0.2002	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3540	-0.4067	-0.2131	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3576	-0.4058	-0.2363	*****	*****	*****	*****	*****	*****	-0.3138
0.250	*****	-0.4112	-0.2591	-0.4722	-0.4722	-0.4722	-0.4722	-0.4722	-0.4722	-0.3377
0.300	-0.3620	-0.4087	-0.2923	-0.4564	-0.4564	-0.4564	-0.4564	-0.4564	-0.4564	-0.3716
0.350	-0.3846	-0.4118	-0.3274	-0.4550	-0.4550	-0.4550	-0.4550	-0.4550	-0.4550	-0.4223
0.400	-0.3991	-0.4166	-0.3732	-0.4715	-0.4715	-0.4715	-0.4715	-0.4715	-0.4715	-0.4870
0.450	-0.3965	-0.4357	-0.4393	-0.5295	-0.5295	-0.5295	-0.5295	-0.5295	-0.5295	-0.5566
0.500	-0.3786	-0.5211	-0.6128	-0.6692	-0.6692	-0.6692	-0.6692	-0.6692	-0.6692	-0.6778
0.525	*****	-0.6300	-0.7433	-0.7703	-0.7703	-0.7703	-0.7703	-0.7703	-0.7703	-0.7780
0.550	-0.4774	-0.7903	-0.9028	-0.8867	-0.8867	-0.9003	-0.9003	-0.9003	-0.9003	-0.9003
0.575	*****	-0.9895	-1.0605	-1.0197	-1.0432	-1.0432	-1.0432	-1.0432	-1.0432	-1.0432
0.600	-1.1089	-1.1744	-1.2150	-1.1397	-1.0516	-1.0516	-1.0516	-1.0516	-1.0516	-1.0516
0.625	*****	*****	-1.3256	-1.2610	-0.7300	-0.7300	-0.7300	-0.7300	-0.7300	-0.7300
0.650	-1.3839	-1.4238	-1.3216	-1.3247	-0.6968	-0.6968	-0.6968	-0.6968	-0.6968	-0.6968
0.675	*****	-1.5218	-1.1210	-1.0629	-0.6957	-0.6957	-0.6957	-0.6957	-0.6957	-0.6957
0.700	-1.3678	-1.5154	-1.0999	-1.0388	-0.6934	-0.6934	-0.6934	-0.6934	-0.6934	-0.6934
0.725	*****	-1.3996	*****	-1.0399	-0.6971	-0.6971	-0.6971	-0.6971	-0.6971	-0.6971
0.750	-1.3325	-1.3270	*****	-1.0486	-0.6675	-0.6675	-0.6675	-0.6675	-0.6675	-0.6675
0.775	*****	-1.2721	-1.1213	-1.0496	-0.5763	-0.5763	-0.5763	-0.5763	-0.5763	-0.5763
0.800	-1.2688	-1.2126	-1.1506	-1.0467	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1722	-1.1478	-1.0364	-0.4865	-0.4865	-0.4865	-0.4865	-0.4865	-0.4865
0.850	-1.1835	-1.1496	-1.0920	-1.0053	-0.4645	-0.4645	-0.4645	-0.4645	-0.4645	-0.4645
0.875	*****	-1.1287	-1.0409	-0.9337	-0.4705	-0.4705	-0.4705	-0.4705	-0.4705	-0.4705
0.900	-1.1096	-1.0744	-1.0460	-0.9055	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0293	-1.0547	-0.8993	-0.4489	-0.4489	-0.4489	-0.4489	-0.4489	-0.4489
0.950	-1.1242	-1.0201	-1.0567	-0.9096	-0.3984	-0.3984	-0.3984	-0.3984	-0.3984	-0.3984
0.975	*****	-1.0100	-1.0487	-0.9144	-0.3829	-0.3829	-0.3829	-0.3829	-0.3829	-0.3829
1.000	-1.1008	-1.0070	-1.0493	-0.9064	-0.3533	-0.3533	-0.3533	-0.3533	-0.3533	-0.3533
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3948	0.3562	0.3624	*****	-0.5459	-0.5459	-0.5459	-0.5459	-0.5459	-0.5459
-0.600	0.3948	0.3605	0.3323	0.1458	-0.5981	-0.5981	-0.5981	-0.5981	-0.5981	-0.5981
-0.700	0.4106	0.3714	0.3253	0.1757	-0.5728	-0.5728	-0.5728	-0.5728	-0.5728	-0.5728
-0.800	*****	0.3737	0.3272	0.1921	-0.5450	-0.5450	-0.5450	-0.5450	-0.5450	-0.5450
-0.850	*****	*****	0.3311	0.2140	-0.4767	-0.4767	-0.4767	-0.4767	-0.4767	-0.4767
-0.900	*****	0.3749	0.3263	0.2230	-0.4502	-0.4502	-0.4502	-0.4502	-0.4502	-0.4502
-0.950	0.3962	0.3446	0.3134	0.2254	-0.4049	-0.4049	-0.4049	-0.4049	-0.4049	-0.4049
-0.975	0.3518	0.1615	0.2306	0.1874	-0.1269	-0.1269	-0.1269	-0.1269	-0.1269	-0.1269
-1.000	*****	0.1094	0.0974	0.0865	-0.0552	-0.0552	-0.0552	-0.0552	-0.0552	-0.0552
-1.000	-1.1192	-0.9998	-1.0377	-0.8973	-0.3545	-0.3545	-0.3545	-0.3545	-0.3545	-0.3545

Small Radius L.E.
 Run No. = 42, Point No. = 884
 $C_N = 0.884$, $C_m = -0.1639$
 $\alpha = 17.6^\circ$, $M_\infty = 0.869$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.0030	*****
0.20	-1.1008	-1.1192
0.30	-1.0442	*****
0.40	-1.0070	-0.9998
0.50	-1.0363	*****
0.60	-1.0493	-1.0377
0.70	-0.8273	*****
0.80	-0.9064	-0.8973
0.90	-0.5608	*****
0.95	-0.3533	-0.3545

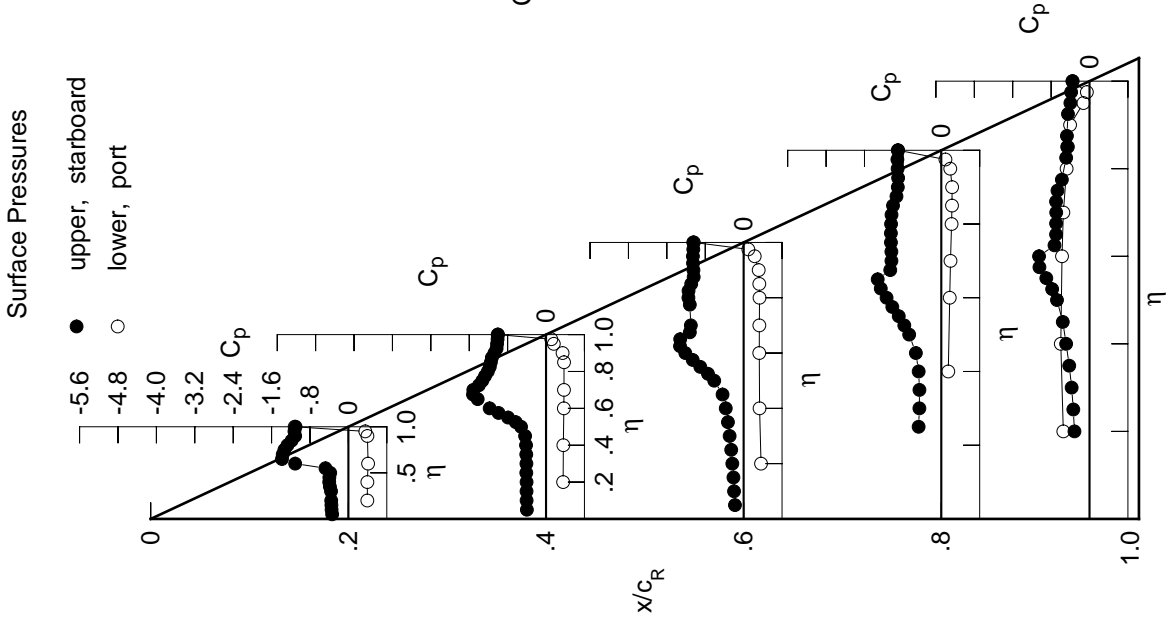


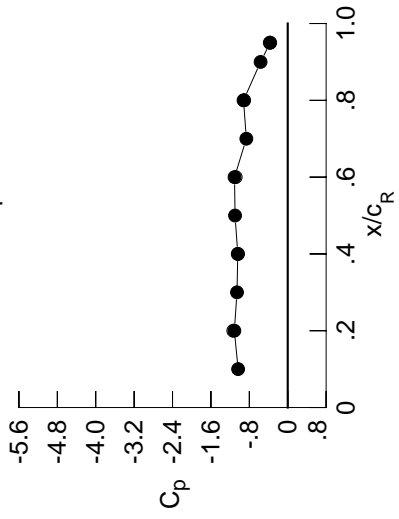
Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3664	-0.4197	-0.3042	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3747	-0.4286	-0.3140	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3794	-0.4291	-0.3263	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3828	-0.4292	-0.3574	*****	*****	*****	*****	*****	*****	-0.2647
0.250	*****	-0.4347	-0.3865	-0.4974	-0.3339	*****	*****	*****	*****	-0.3339
0.300	-0.3908	-0.4361	-0.4209	-0.4818	-0.3732	*****	*****	*****	*****	-0.3732
0.350	-0.4076	-0.4419	-0.4514	-0.4860	-0.4201	*****	*****	*****	*****	-0.4201
0.400	-0.4155	-0.4571	-0.4982	-0.5172	-0.4875	*****	*****	*****	*****	-0.4875
0.450	-0.4100	-0.5089	-0.5856	-0.5991	-0.5759	*****	*****	*****	*****	-0.5759
0.500	-0.4313	-0.6532	-0.7788	-0.7692	-0.7226	*****	*****	*****	*****	-0.7226
0.525	*****	-0.7947	-0.9125	-0.8754	-0.8276	*****	*****	*****	*****	-0.8276
0.550	-0.7575	-0.9601	-1.0533	-0.9945	-0.9487	*****	*****	*****	*****	-0.9487
0.575	*****	-1.1386	-1.1881	-1.1166	-1.0599	*****	*****	*****	*****	-1.0599
0.600	-1.3077	-1.2867	-1.3130	-1.2227	-0.8712	*****	*****	*****	*****	-0.8712
0.625	*****	*****	-1.4008	-1.3290	-0.7350	*****	*****	*****	*****	-0.7350
0.650	-1.4599	-1.4767	-1.2195	-1.2786	-0.7355	*****	*****	*****	*****	-0.7355
0.675	*****	-1.5344	-1.1652	-1.0813	-0.7330	*****	*****	*****	*****	-0.7330
0.700	-1.4185	-1.4420	-1.1575	-1.0715	-0.7278	*****	*****	*****	*****	-0.7278
0.725	*****	-1.3612	*****	-1.0706	-0.7346	*****	*****	*****	*****	-0.7346
0.750	-1.3762	-1.3363	*****	-1.0761	-0.7020	*****	*****	*****	*****	-0.7020
0.775	*****	-1.3144	-1.2029	-1.0770	-0.5972	*****	*****	*****	*****	-0.5972
0.800	-1.3098	-1.2892	-1.2309	-1.0650	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2657	-1.2083	-1.0397	-0.4983	*****	*****	*****	*****	-0.4983
0.850	-1.2101	-1.2258	-1.1525	-1.0083	-0.4760	*****	*****	*****	*****	-0.4760
0.875	*****	-1.1635	-1.1134	-0.9439	-0.4807	*****	*****	*****	*****	-0.4807
0.900	-1.1329	-1.0943	-1.1146	-0.9219	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0564	-1.1137	-0.9164	-0.4598	*****	*****	*****	*****	-0.4598
0.950	-1.1359	-1.0502	-1.1113	-0.9249	-0.4107	*****	*****	*****	*****	-0.4107
0.975	*****	-1.0400	-1.1000	-0.9310	-0.3910	*****	*****	*****	*****	-0.3910
1.000	-1.1120	-1.0408	-1.1083	-0.9210	-0.3654	*****	*****	*****	*****	-0.3654
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4207	0.3777	0.3779	*****	*****	*****	*****	*****	*****	-0.5333
-0.600	0.4223	0.3816	0.3495	0.1647	-0.5878	*****	*****	*****	*****	-0.5878
-0.700	0.4363	0.3872	0.3442	0.1929	-0.5628	*****	*****	*****	*****	-0.5628
-0.800	*****	0.3936	0.3437	0.2068	-0.5358	*****	*****	*****	*****	-0.5358
-0.850	*****	*****	0.3452	0.2239	-0.4640	*****	*****	*****	*****	-0.4640
-0.900	*****	0.3879	0.3374	0.2342	-0.4380	*****	*****	*****	*****	-0.4380
-0.950	0.4097	0.3516	0.3192	0.2317	-0.3909	*****	*****	*****	*****	-0.3909
-0.975	0.3591	0.1593	0.2250	0.1844	-0.1255	*****	*****	*****	*****	-0.1255
-1.000	*****	0.0949	0.0826	0.0745	-0.0644	*****	*****	*****	*****	-0.0644
-1.000	-1.1343	-1.0358	-1.0837	-0.9082	-0.3740	*****	*****	*****	*****	-0.3740

Small Radius L.E.
 Run No. = 42 , Point No. = 885
 $C_N = 0.946$, $C_m = -0.1777$
 $\alpha = 18.6^\circ$, $M_\infty = 0.870$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0335	*****
0.20	-1.1120	-1.1343
0.30	-1.0570	*****
0.40	-1.0408	-1.0358
0.50	-1.0976	*****
0.60	-1.1083	-1.0837
0.70	-0.8625	*****
0.80	-0.9210	-0.9082
0.90	-0.5655	*****
0.95	-0.3654	-0.3740

Surface Pressures

● upper, starboard
 ○ lower, port

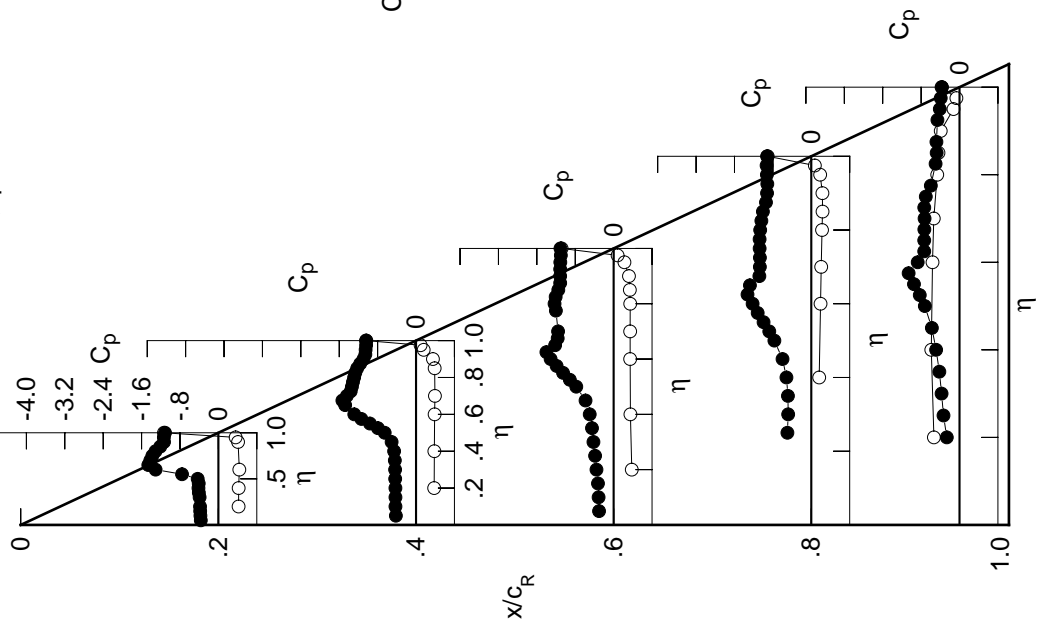
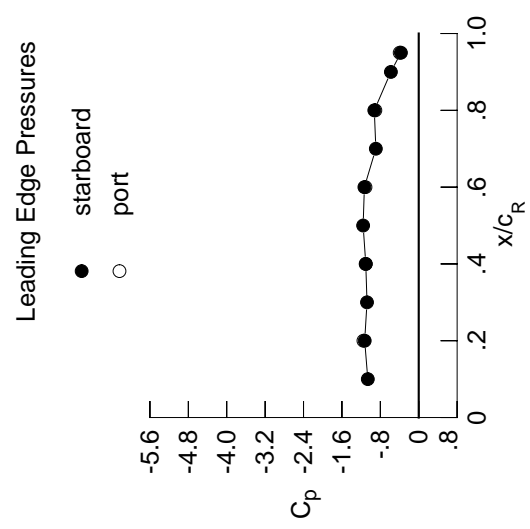


Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3970	-0.4620	-0.4482	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4031	-0.4695	-0.4436	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4077	-0.4704	-0.4487	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4112	-0.4689	-0.4681	*****	*****	*****	*****	*****	*****	-0.2324
0.250	*****	-0.4780	-0.4829	-0.5158	-0.3105	*****	*****	*****	*****	-0.3105
0.300	-0.4200	-0.4819	-0.5059	-0.5061	-0.3736	*****	*****	*****	*****	-0.3736
0.350	-0.4310	-0.4945	-0.5325	-0.5221	-0.4163	*****	*****	*****	*****	-0.4163
0.400	-0.4382	-0.5258	-0.5938	-0.5707	-0.4944	*****	*****	*****	*****	-0.4944
0.450	-0.4464	-0.6104	-0.7091	-0.6737	-0.6069	*****	*****	*****	*****	-0.6069
0.500	-0.5581	-0.8026	-0.9202	-0.8618	-0.7805	*****	*****	*****	*****	-0.7805
0.525	*****	-0.9521	-1.0463	-0.9746	-0.8889	*****	*****	*****	*****	-0.8889
0.550	-1.0199	-1.1044	-1.1703	-1.0883	-1.0052	*****	*****	*****	*****	-1.0052
0.575	*****	-1.2525	-1.2850	-1.2062	-1.0355	*****	*****	*****	*****	-1.0355
0.600	-1.4259	-1.3739	-1.3866	-1.2998	-0.8239	*****	*****	*****	*****	-0.8239
0.625	*****	*****	-1.4376	-1.3924	-0.7765	*****	*****	*****	*****	-0.7765
0.650	-1.5158	-1.4972	-1.2355	-1.2704	-0.7858	*****	*****	*****	*****	-0.7858
0.675	*****	-1.4063	-1.2146	-1.1396	-0.7762	*****	*****	*****	*****	-0.7762
0.700	-1.4725	-1.3455	-1.2091	-1.1248	-0.7653	*****	*****	*****	*****	-0.7653
0.725	*****	-1.3287	*****	-1.1196	-0.7608	*****	*****	*****	*****	-0.7608
0.750	-1.4049	-1.3286	*****	-1.1187	-0.6858	*****	*****	*****	*****	-0.6858
0.775	*****	-1.3446	-1.2373	-1.1118	-0.5798	*****	*****	*****	*****	-0.5798
0.800	-1.3310	-1.3708	-1.2583	-1.0950	*****	*****	*****	*****	*****	*****
0.825	*****	-1.3558	-1.2361	-1.0729	-0.5063	*****	*****	*****	*****	-0.5063
0.850	-1.2237	-1.2656	-1.1867	-1.0632	-0.4905	*****	*****	*****	*****	-0.4905
0.875	*****	-1.1663	-1.1447	-0.9814	-0.4971	*****	*****	*****	*****	-0.4971
0.900	-1.1559	-1.1188	-1.1410	-0.9412	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1093	-1.1376	-0.9223	-0.4869	*****	*****	*****	*****	-0.4869
0.950	-1.1503	-1.1077	-1.1334	-0.9323	-0.4288	*****	*****	*****	*****	-0.4288
0.975	*****	-1.1000	-1.1243	-0.9364	-0.4034	*****	*****	*****	*****	-0.4034
1.000	-1.1260	-1.1032	-1.1322	-0.9255	-0.3716	*****	*****	*****	*****	-0.3716
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4489	0.3996	0.3975	*****	-0.5266	*****	*****	*****	*****	-0.5266
-0.600	0.4511	0.4050	0.3675	0.1787	-0.5780	*****	*****	*****	*****	-0.5780
-0.700	0.4628	0.4106	0.3623	0.2075	-0.5520	*****	*****	*****	*****	-0.5520
-0.800	*****	0.4148	0.3615	0.2201	-0.5250	*****	*****	*****	*****	-0.5250
-0.850	*****	*****	0.3611	0.2399	-0.4539	*****	*****	*****	*****	-0.4539
-0.900	0.4249	0.3589	0.3274	0.2407	-0.3784	*****	*****	*****	*****	-0.3784
-0.950	0.3669	0.1542	0.2226	0.1832	-0.1237	*****	*****	*****	*****	-0.1237
-0.975	*****	0.0822	0.0704	0.0641	-0.0720	*****	*****	*****	*****	-0.0720
-1.000	-1.1520	-1.1044	-1.1097	-0.9041	-0.3967	*****	*****	*****	*****	-0.3967

Small Radius L.E.
 Run No. = 42 , Point No. = 886
 $C_N = 1.001$, $C_m = -0.1882$
 $\alpha = 19.6^\circ$, $M_\infty = 0.869$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.0611	*****
0.20	-1.1260	-1.1520
0.30	-1.0775	*****
0.40	-1.1032	-1.1044
0.50	-1.1583	*****
0.60	-1.1322	-1.1097
0.70	-0.8932	*****
0.80	-0.9255	-0.9041
0.90	-0.5802	*****
0.95	-0.3716	-0.3967

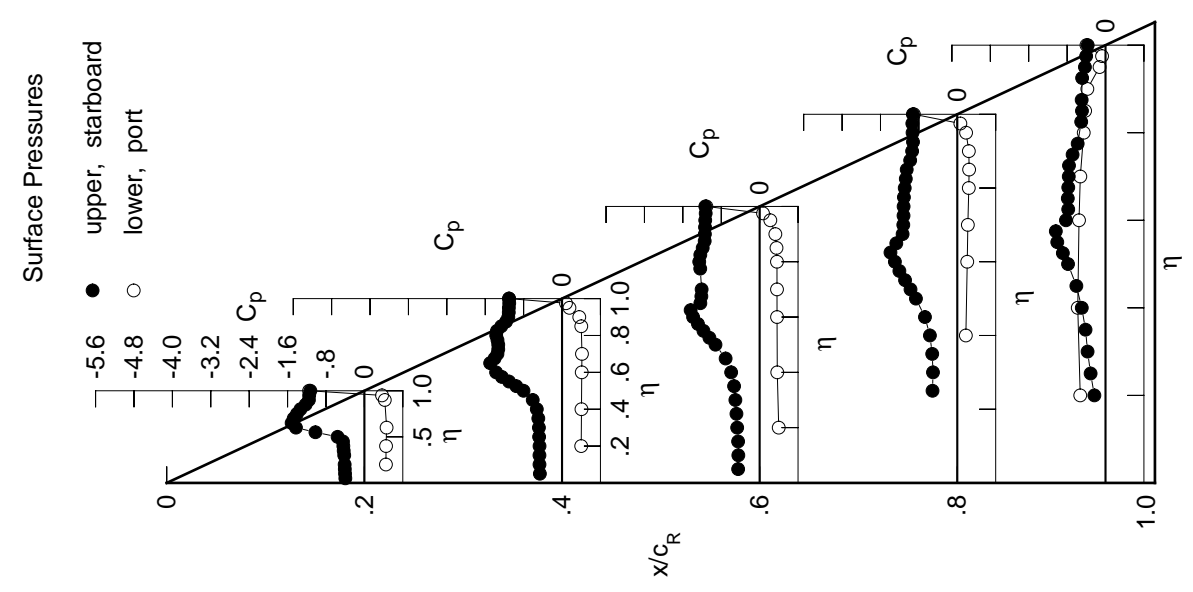
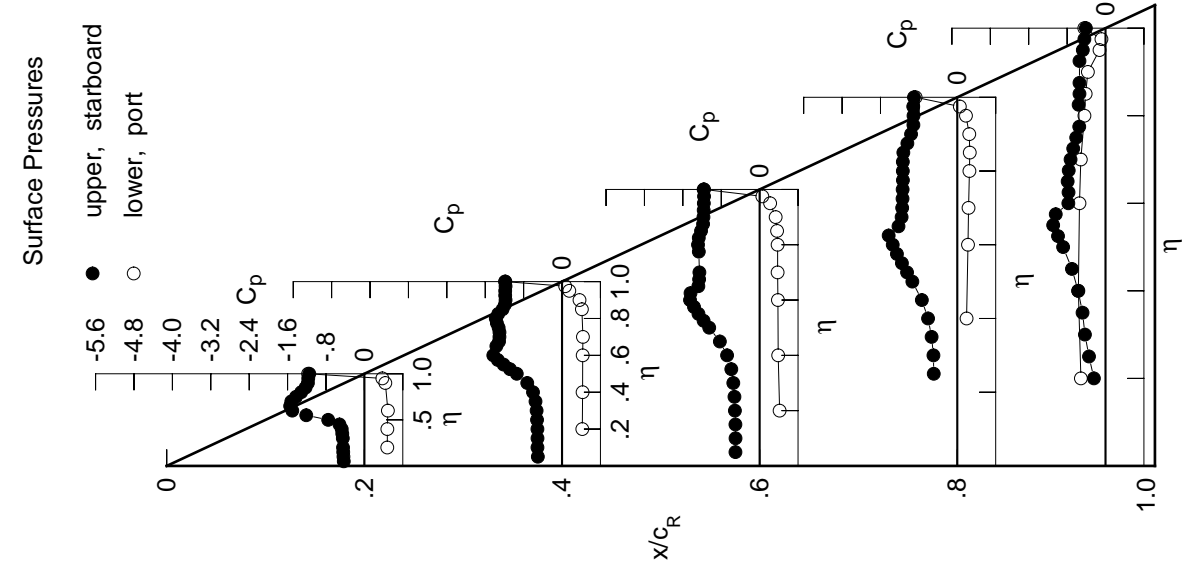
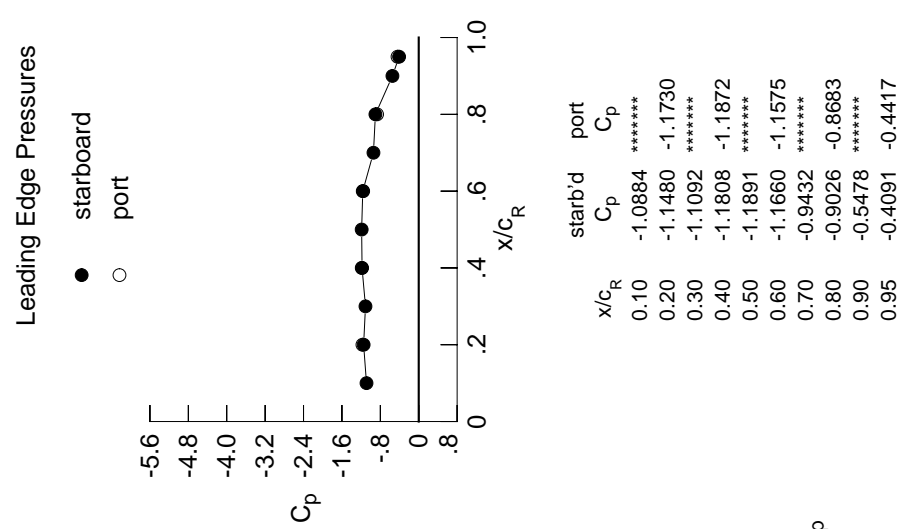


Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.4295	-0.5040	-0.5042	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4362	-0.5123	-0.5024	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4405	-0.5115	-0.5051	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4446	-0.5129	-0.5149	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.5206	-0.5248	-0.4902	-0.4902	-0.3437	*****	*****	-0.2415	*****
0.300	-0.4492	-0.5293	-0.5491	-0.4971	-0.4971	-0.4285	*****	*****	*****	*****
0.350	-0.4605	-0.5526	-0.5904	-0.5351	-0.4784	*****	*****	*****	*****	*****
0.400	-0.4721	-0.6049	-0.6783	-0.6085	-0.5705	*****	*****	*****	*****	*****
0.450	-0.5190	-0.7252	-0.8286	-0.7385	-0.6996	*****	*****	*****	*****	*****
0.500	-0.7544	-0.9433	-1.0503	-0.9362	-0.8835	*****	*****	*****	*****	*****
0.525	*****	-1.0850	-1.1672	-1.0464	-0.9898	*****	*****	*****	*****	*****
0.550	-1.2109	-1.2180	-1.2744	-1.1533	-1.0904	*****	*****	*****	*****	*****
0.575	-1.3387	-1.3675	-1.2580	-1.0368	*****	*****	*****	*****	*****	*****
0.600	-1.5027	-1.4322	-1.4505	-1.3450	-0.7744	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4401	-1.4292	-0.7702	*****	*****	*****	*****	*****
0.650	-1.5461	-1.3678	-1.2769	-1.2250	-0.7885	*****	*****	*****	*****	*****
0.675	*****	-1.3130	-1.2604	-1.1603	-0.7665	*****	*****	*****	*****	*****
0.700	-1.5225	-1.3040	-1.2550	-1.1481	-0.7278	*****	*****	*****	*****	*****
0.725	*****	-1.3034	*****	-1.1410	-0.6732	*****	*****	*****	*****	*****
0.750	-1.4239	-1.3204	*****	-1.1381	-0.6104	*****	*****	*****	*****	*****
0.775	*****	-1.3575	-1.2671	-1.1331	-0.5469	*****	*****	*****	*****	*****
0.800	-1.3163	-1.3802	-1.2839	-1.1343	*****	*****	*****	*****	*****	*****
0.825	*****	-1.3291	-1.2679	-1.1341	-0.5599	*****	*****	*****	*****	*****
0.850	-1.2253	-1.2385	-1.2211	-1.1240	-0.5427	*****	*****	*****	*****	*****
0.875	*****	-1.1906	-1.1784	-1.0398	-0.5421	*****	*****	*****	*****	*****
0.900	-1.1770	-1.1768	-1.1701	-0.9636	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1837	-1.1658	-0.9142	-0.5427	*****	*****	*****	*****	*****
0.950	-1.1698	-1.1840	-1.1628	-0.9119	-0.4731	*****	*****	*****	*****	*****
0.975	*****	-1.1772	-1.1585	-0.9172	-0.4398	*****	*****	*****	*****	*****
1.000	-1.1480	-1.1808	-1.1660	-0.9026	-0.4091	*****	*****	*****	*****	*****
-0.200	0.4772	0.4225	0.4163	*****	-0.5127	*****	*****	*****	*****	*****
-0.400	0.4784	0.4283	0.3864	0.1934	0.5655	*****	*****	*****	*****	*****
-0.600	0.4894	0.4304	0.3806	0.2231	0.5422	*****	*****	*****	*****	*****
-0.700	*****	0.4351	0.3745	0.2348	0.5144	*****	*****	*****	*****	*****
-0.800	*****	*****	0.3745	0.2530	0.4394	*****	*****	*****	*****	*****
-0.850	*****	0.4132	0.3629	0.2601	0.4138	*****	*****	*****	*****	*****
-0.900	0.4363	0.3638	0.3334	0.2493	0.3671	*****	*****	*****	*****	*****
-0.950	0.3733	0.1515	0.2188	0.1808	0.1246	*****	*****	*****	*****	*****
-0.975	*****	0.0657	0.0559	0.0525	-0.0847	*****	*****	*****	*****	*****
-1.000	-1.1730	-1.1872	-1.1575	-0.8683	-0.4417	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 42, Point No. = 887
 $C_N = 1.050$, $C_m = -0.1950$
 $\alpha = 20.6^\circ$, $M_\infty = 0.870$
 $R_{mac} = 6.0 \times 10^6$

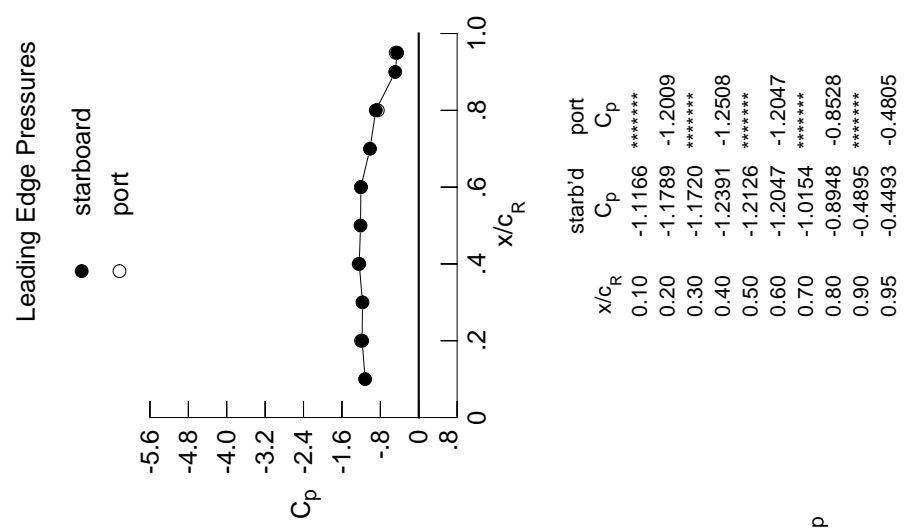


x/c_R	starb'd C_p	port C_p
0.10	-1.0884	*****
0.20	-1.1480	-1.1730
0.30	-1.1092	*****
0.40	-1.1808	-1.1872
0.50	-1.1891	*****
0.60	-1.1660	-1.1575
0.70	-0.9432	*****
0.80	-0.9026	-0.8683
0.90	-0.5478	*****
0.95	-0.4091	-0.4417

Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4655	-0.5390	-0.5330	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4692	-0.5448	-0.5356	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4752	-0.5490	-0.5382	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4789	-0.5490	-0.5457	*****	*****	*****	*****	*****	*****	-0.2527
0.250	*****	-0.5650	-0.5576	-0.5030	-0.3817	*****	*****	*****	*****	*****
0.300	-0.4856	-0.5793	-0.5887	-0.5175	-0.4785	*****	*****	*****	*****	*****
0.350	-0.5009	-0.6156	-0.6464	-0.5617	-0.5423	*****	*****	*****	*****	*****
0.400	-0.5320	-0.6924	-0.7564	-0.6551	-0.6378	*****	*****	*****	*****	*****
0.450	-0.6399	-0.8431	-0.9391	-0.8012	-0.7774	*****	*****	*****	*****	*****
0.500	-0.9549	-1.0644	-1.1594	-1.0079	-0.9682	*****	*****	*****	*****	*****
0.525	*****	-1.1910	-1.2655	-1.1113	-1.0666	*****	*****	*****	*****	*****
0.550	-1.3397	-1.3026	-1.3586	-1.2110	-1.0769	*****	*****	*****	*****	*****
0.575	*****	-1.4023	-1.4370	-1.3059	-0.7689	*****	*****	*****	*****	*****
0.600	-1.5588	-1.4768	-1.5042	-1.3834	-0.7185	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4091	-1.4504	-0.7203	*****	*****	*****	*****	*****
0.650	-1.5543	-1.3052	-1.3124	-1.1927	-0.7226	*****	*****	*****	*****	*****
0.675	*****	-1.2944	-1.3057	-1.1577	-0.7103	*****	*****	*****	*****	*****
0.700	-1.5455	-1.2887	-1.2998	-1.1467	-0.6796	*****	*****	*****	*****	*****
0.725	*****	-1.2941	*****	-1.1425	-0.6248	*****	*****	*****	*****	*****
0.750	-1.4642	-1.3168	*****	-1.1383	-0.6034	*****	*****	*****	*****	*****
0.775	*****	-1.3502	-1.3131	-1.1409	-0.5888	*****	*****	*****	*****	*****
0.800	-1.2982	-1.3449	-1.3246	-1.1598	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2959	-1.3110	-1.1879	-0.6155	*****	*****	*****	*****	*****
0.850	-1.2375	-1.2531	-1.2648	-1.1842	-0.5888	*****	*****	*****	*****	*****
0.875	*****	-1.2379	-1.2136	-1.0790	-0.5894	*****	*****	*****	*****	*****
0.900	-1.1997	-1.2367	-1.2031	-0.9812	*****	*****	*****	*****	*****	*****
0.925	*****	-1.2428	-1.1986	-0.9250	-0.6062	*****	*****	*****	*****	*****
0.950	-1.1987	-1.2430	-1.1999	-0.9165	-0.5028	*****	*****	*****	*****	*****
0.975	*****	-1.2336	-1.1936	-0.9188	-0.4741	*****	*****	*****	*****	*****
1.000	-1.1789	-1.2391	-1.2047	-0.8948	-0.4493	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5039	0.4485	0.4336	*****	-0.5029	*****	*****	*****	*****	*****
-0.400	0.5065	0.4514	0.4050	0.2095	-0.5542	*****	*****	*****	*****	*****
-0.600	0.5139	0.4525	0.3951	0.2387	-0.5316	*****	*****	*****	*****	*****
-0.700	*****	0.4561	0.3916	0.2516	-0.5022	*****	*****	*****	*****	*****
-0.800	*****	*****	0.3901	0.2642	-0.4284	*****	*****	*****	*****	*****
-0.850	*****	0.4260	0.3751	0.2705	-0.4051	*****	*****	*****	*****	*****
-0.900	0.4493	0.3707	0.3408	0.2559	-0.3592	*****	*****	*****	*****	*****
-0.950	0.3793	0.1484	0.2141	0.1780	-0.1243	*****	*****	*****	*****	*****
-0.975	*****	0.0529	0.0430	0.0432	-0.0966	*****	*****	*****	*****	*****
-1.000	-1.2009	-1.2508	-1.2047	-0.8528	-0.4805	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 42, Point No. = 888
 $C_N = 1.100$, $C_m = -0.2025$
 $\alpha = 21.6^\circ$, $M_\infty = 0.869$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.1166	*****
0.20	-1.1789	-1.2009
0.30	-1.1720	*****
0.40	-1.2391	-1.2508
0.50	-1.2126	*****
0.60	-1.2047	-1.2047
0.70	-1.0154	*****
0.80	-0.8948	-0.8528
0.90	-0.4895	*****
0.95	-0.4493	-0.4805

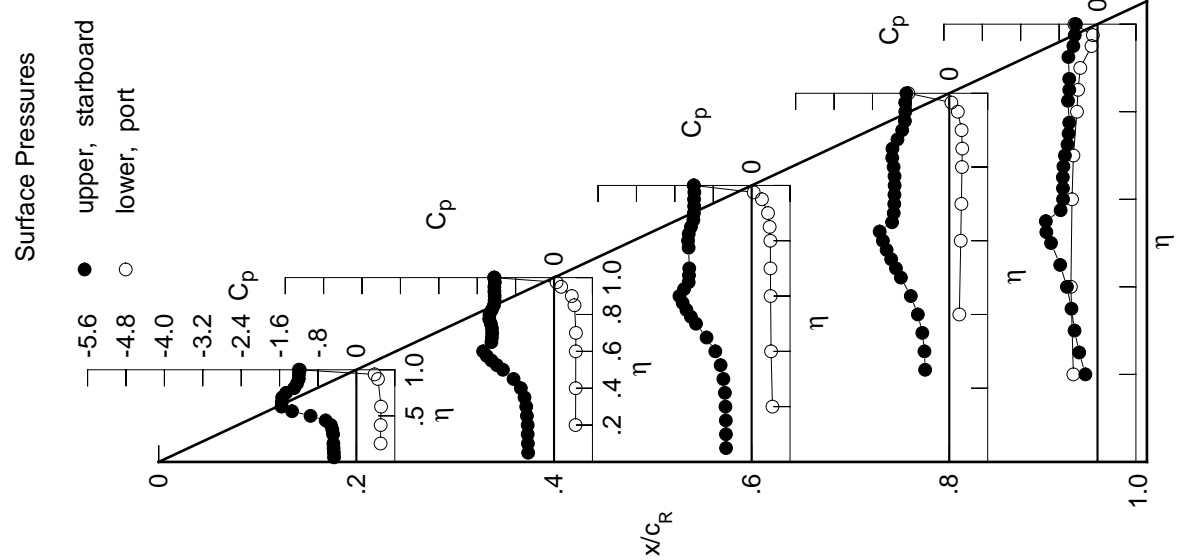
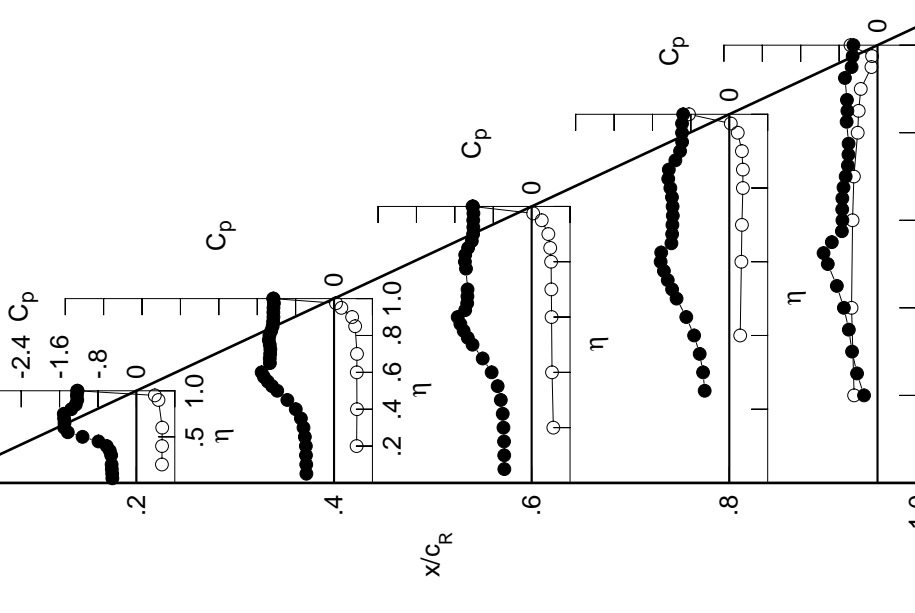
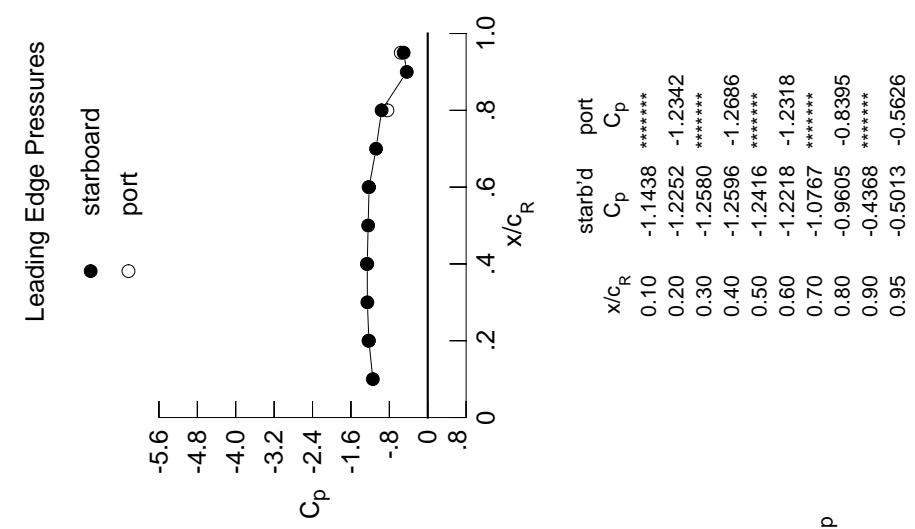


Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5011	-0.5763	-0.5686	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5038	-0.5789	-0.5714	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5118	-0.5848	-0.5752	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5160	-0.5874	-0.5873	*****	*****	*****	*****	*****	*****	-0.2806
0.250	*****	-0.6077	-0.6027	-0.5128	-0.4268	*****	*****	*****	*****	*****
0.300	-0.5256	-0.6359	-0.6427	-0.5461	-0.5303	*****	*****	*****	*****	*****
0.350	-0.5545	-0.6906	-0.7082	-0.6172	-0.5978	*****	*****	*****	*****	*****
0.400	-0.6185	-0.7976	-0.8338	-0.7332	-0.7011	*****	*****	*****	*****	*****
0.450	-0.7898	-0.9728	-1.0202	-0.8962	-0.8470	*****	*****	*****	*****	*****
0.500	-1.1218	-1.1831	-1.2309	-1.0985	-1.0363	*****	*****	*****	*****	*****
0.525	*****	-1.2898	-1.3302	-1.1914	-1.1237	*****	*****	*****	*****	*****
0.550	-1.4296	-1.3801	-1.4159	-1.2823	-0.9518	*****	*****	*****	*****	*****
0.575	*****	-1.4606	-1.4848	-1.3627	-0.7421	*****	*****	*****	*****	*****
0.600	-1.5052	-1.5087	-1.5409	-1.4307	-0.7314	*****	*****	*****	*****	*****
0.625	*****	*****	-1.3840	-1.4185	-0.7353	*****	*****	*****	*****	*****
0.650	-1.4973	-1.3360	-1.3423	-1.2053	-0.7331	*****	*****	*****	*****	*****
0.675	*****	-1.3395	-1.3373	-1.1907	-0.7091	*****	*****	*****	*****	*****
0.700	-1.5065	-1.3302	-1.3352	-1.1847	-0.6634	*****	*****	*****	*****	*****
0.725	*****	-1.3267	*****	-1.1770	-0.6177	*****	*****	*****	*****	*****
0.750	-1.5129	-1.3394	*****	-1.1811	-0.6053	*****	*****	*****	*****	*****
0.775	*****	-1.3593	-1.3676	-1.1945	-0.6027	*****	*****	*****	*****	*****
0.800	-1.3570	-1.3463	-1.3905	-1.2282	*****	*****	*****	*****	*****	*****
0.825	*****	-1.3091	-1.3842	-1.2724	-0.6434	*****	*****	*****	*****	*****
0.850	-1.2633	-1.2792	-1.3239	-1.2599	-0.6276	*****	*****	*****	*****	*****
0.875	*****	-1.2694	-1.2462	-1.1230	-0.6364	*****	*****	*****	*****	*****
0.900	-1.2320	-1.2626	-1.2190	-1.0253	*****	*****	*****	*****	*****	*****
0.925	*****	-1.2640	-1.2154	-0.9822	-0.6790	*****	*****	*****	*****	*****
0.950	-1.2398	-1.2619	-1.2165	-0.9849	-0.5397	*****	*****	*****	*****	*****
0.975	*****	-1.2529	-1.2126	-0.9850	-0.5173	*****	*****	*****	*****	*****
1.000	-1.2252	-1.2596	-1.2218	-0.9605	-0.5013	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5321	0.4703	0.4524	*****	*****	*****	*****	*****	*****	-0.4869
-0.600	0.5342	0.4772	0.4250	0.2272	-0.5406	*****	*****	*****	*****	*****
-0.700	0.5385	0.4738	0.4149	0.2522	-0.5198	*****	*****	*****	*****	*****
-0.800	*****	0.4782	0.4105	0.2631	-0.4920	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4055	0.2833	-0.4131	*****	*****	*****	*****	*****
-0.900	0.4603	0.3770	0.3868	0.2832	-0.3923	*****	*****	*****	*****	*****
-0.950	0.3852	0.1527	0.3479	0.2635	-0.3484	*****	*****	*****	*****	*****
-0.975	*****	0.0413	0.0319	0.0315	-0.1124	*****	*****	*****	*****	*****
-1.000	-1.2342	-1.2686	-1.2318	-0.8395	-0.5626	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 42, Point No. = 889
 $C_N = 1.147$, $C_m = -0.2076$
 $\alpha = 22.6^\circ$, $M_\infty = 0.869$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.1438	*****
0.20	-1.2252	-1.2342
0.30	-1.2580	*****
0.40	-1.2596	-1.2686
0.50	-1.2416	*****
0.60	-1.2218	-1.2318
0.70	-1.0767	*****
0.80	-0.9605	-0.8395
0.90	-0.4368	*****
0.95	-0.5013	-0.5626

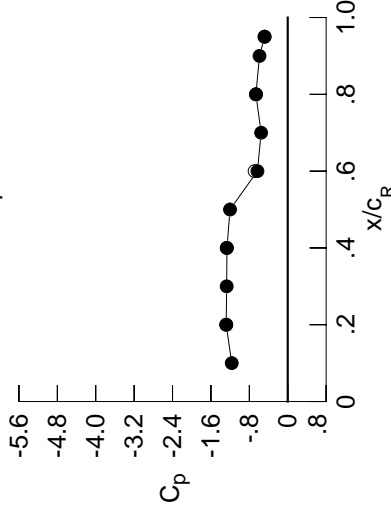
Table D5. Continued.

η	x/c_R .2	$C_{p,u}$	x/c_R .4	$C_{p,u}$	x/c_R .6	$C_{p,u}$	x/c_R .8	$C_{p,u}$	x/c_R .95	$C_{p,u}$
0.050		-0.5295	-0.5817	0.0025	*****	*****	*****	*****	*****	*****
0.100		-0.5344	-0.5873	-0.0106	*****	*****	*****	*****	*****	*****
0.150		-0.5414	-0.5904	-0.0232	*****	*****	*****	*****	*****	*****
0.200		-0.5488	-0.5972	-0.0488	*****	*****	*****	*****	*****	-0.6504
0.250		*****	-0.6216	-0.0791	-0.5633	-0.6706	*****	*****	*****	*****
0.300		-0.5662	-0.6579	-0.1429	-0.5759	-0.7045	*****	*****	*****	*****
0.350		-0.6132	-0.7311	-0.2419	-0.6433	-0.7293	*****	*****	*****	*****
0.400		-0.7179	-0.8662	-0.4183	-0.6842	-0.7672	*****	*****	*****	*****
0.450		-0.9295	-1.0607	-0.6416	-0.7449	-0.7905	*****	*****	*****	*****
0.500		-1.2336	-1.2654	-0.9291	-0.7985	-0.7687	*****	*****	*****	*****
0.525		*****	-1.3592	-1.0626	-0.8141	-0.7723	*****	*****	*****	*****
0.550		-1.4575	-1.4371	-1.1681	-0.8147	-0.7549	*****	*****	*****	*****
0.575		-1.4272	-1.5364	-1.2614	-0.8250	-0.7607	*****	*****	*****	*****
0.600		*****	*****	-1.3088	-0.8220	-0.7539	*****	*****	*****	*****
0.625		*****	*****	-1.1961	-0.8347	-0.7532	*****	*****	*****	*****
0.650		-1.4214	-1.3669	-1.0408	-0.8333	-0.7491	*****	*****	*****	*****
0.675		*****	-1.3760	-0.9781	-0.8225	-0.7354	*****	*****	*****	*****
0.700		-1.4324	-1.3616	-0.9420	-0.8054	-0.7260	*****	*****	*****	*****
0.725		*****	-1.3543	*****	-0.7890	-0.7170	*****	*****	*****	*****
0.750		-1.4824	-1.3668	*****	-0.7625	-0.7086	*****	*****	*****	*****
0.775		*****	-1.3867	-0.8655	-0.7491	-0.6875	*****	*****	*****	*****
0.800		-1.3606	-1.3853	-0.8480	-0.7348	*****	*****	*****	*****	*****
0.825		*****	-1.3430	-0.8596	-0.7310	-0.6644	*****	*****	*****	*****
0.850		-1.2914	-1.2969	-0.8282	-0.7167	-0.6433	*****	*****	*****	*****
0.875		*****	-1.2725	-0.7474	-0.7003	-0.6259	*****	*****	*****	*****
0.900		-1.2846	-1.2630	-0.7020	-0.7039	*****	*****	*****	*****	*****
0.925		*****	-1.2661	-0.6858	-0.6927	-0.6039	*****	*****	*****	*****
0.950		-1.2938	-1.2640	-0.6797	-0.6853	-0.5554	*****	*****	*****	*****
0.975		*****	-1.2577	-0.6621	-0.6819	-0.5225	*****	*****	*****	*****
1.000		-1.2823	-1.2663	-0.6315	-0.6630	-0.4845	*****	*****	*****	*****
-0.200		$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400		0.5594	0.4964	0.4720	*****	-0.4984	*****	*****	*****	*****
-0.600		0.5609	0.5012	0.4432	0.2358	-0.5488	*****	*****	*****	*****
-0.700		0.5627	0.4988	0.4348	0.2615	-0.5279	*****	*****	*****	*****
-0.800		*****	0.4987	0.4319	0.2731	-0.5005	*****	*****	*****	*****
-0.850		*****	*****	0.4276	0.2889	-0.4286	*****	*****	*****	*****
-0.900		*****	0.4545	0.4105	0.2911	-0.4089	*****	*****	*****	*****
-0.950		0.4724	0.3868	0.3716	0.2736	-0.3653	*****	*****	*****	*****
-0.975		0.3925	0.1603	0.2389	0.1951	-0.1388	*****	*****	*****	*****
-1.000		*****	0.0367	0.0672	0.0662	-0.1206	*****	*****	*****	*****
		-1.2797	-1.2721	-0.6895	-0.6590	-0.4802	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 42, Point No. = 890
 $C_N = 1.053$, $C_m = -0.1794$
 $\alpha = 23.6^\circ$, $M_\infty = 0.872$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1662	*****
0.20	-1.2823	-1.2797
0.30	-1.2719	*****
0.40	-1.2663	-1.2721
0.50	-1.2026	*****
0.60	-0.6315	-0.6895
0.70	-0.5542	*****
0.80	-0.6630	-0.6590
0.90	-0.5882	*****
0.95	-0.4845	-0.4802

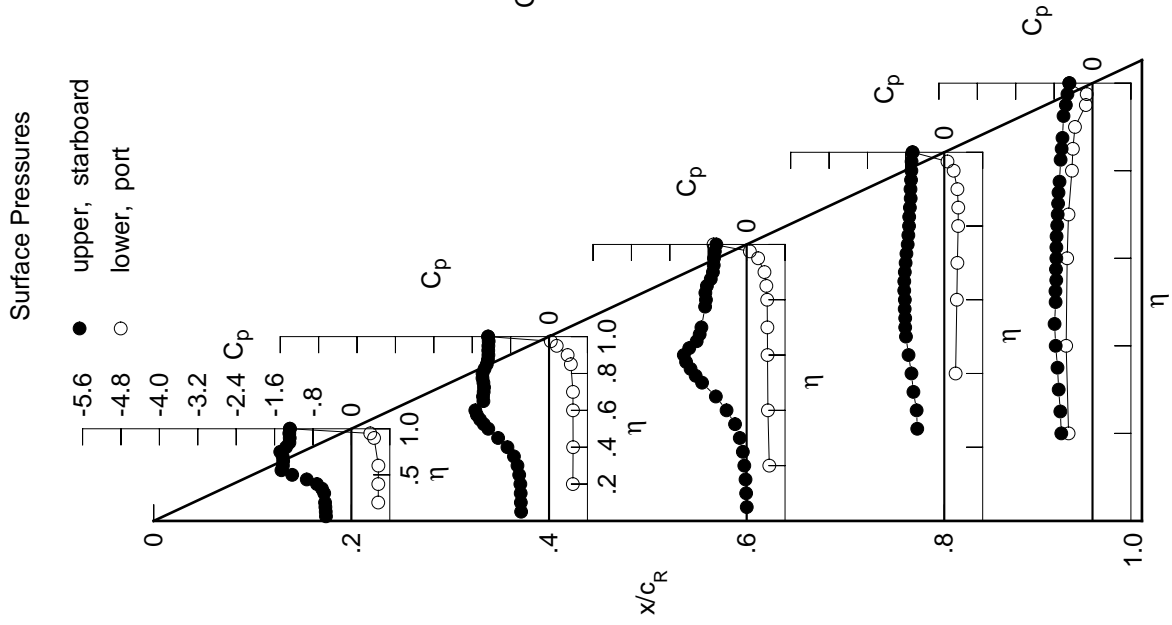
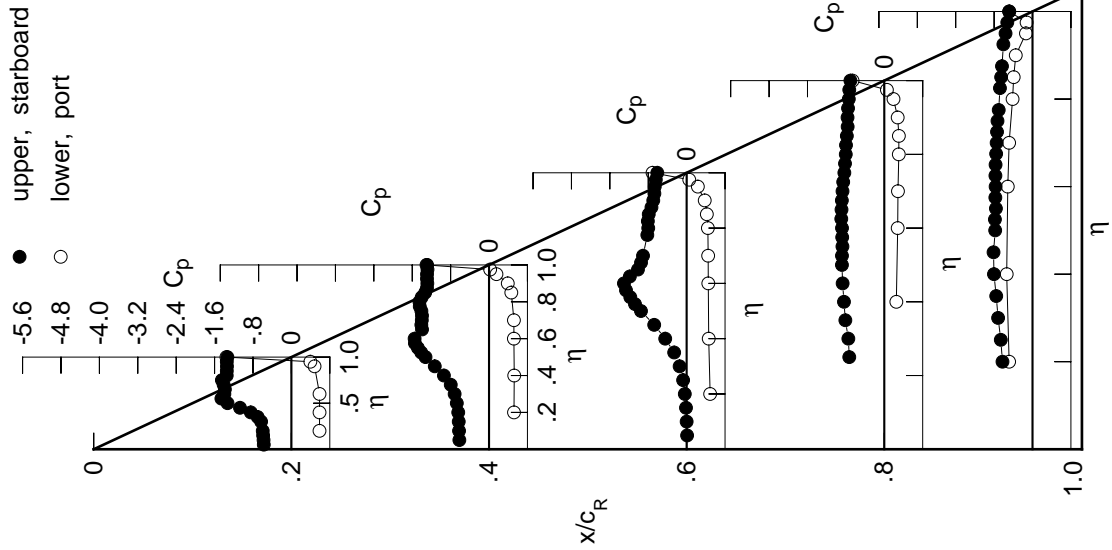


Table D5. Continued.

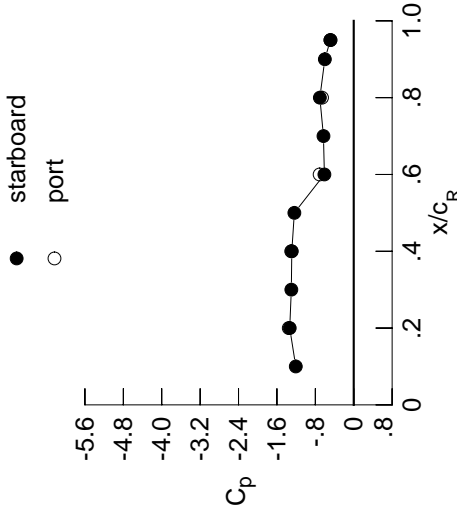
η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5748	-0.6185	0.0100	*****	*****
0.100	-0.5801	-0.6244	-0.0004	*****	*****
0.150	-0.5891	-0.6309	-0.0134	*****	*****
0.200	-0.5970	-0.6419	-0.0385	*****	-0.6258
0.250	*****	-0.6711	-0.0735	-0.7293	-0.6610
0.300	-0.6316	-0.7170	-0.1464	-0.7486	-0.7168
0.350	-0.7022	-0.7979	-0.2599	-0.8113	-0.7561
0.400	-0.8454	-0.9403	-0.4466	-0.8402	-0.8033
0.450	-1.0702	-1.1304	-0.6760	-0.8680	-0.8117
0.500	-1.3307	-1.3231	-0.9509	-0.8821	-0.7774
0.525	*****	-1.4131	-1.0756	-0.8818	-0.7832
0.550	-1.4586	-1.4827	-1.1738	-0.8717	-0.7623
0.575	*****	-1.5437	-1.2631	-0.8765	-0.7746
0.600	-1.3962	-1.5502	-1.3062	-0.8810	-0.7689
0.625	*****	*****	-1.1829	-0.8959	-0.7729
0.650	-1.3856	-1.3959	-1.0141	-0.8915	-0.7697
0.675	*****	-1.4107	-0.9501	-0.8837	-0.7579
0.700	-1.4113	-1.4010	-0.9089	-0.8700	-0.7475
0.725	*****	-1.3972	*****	-0.8561	-0.7395
0.750	-1.4480	-1.4086	*****	-0.8323	-0.7297
0.775	*****	-1.4434	-0.8192	-0.8182	-0.7042
0.800	-1.3470	-1.4498	-0.8003	-0.8021	*****
0.825	*****	-1.4021	-0.8084	-0.7977	-0.6783
0.850	-1.3459	-1.3303	-0.7894	-0.7799	-0.6536
0.875	*****	-1.2931	-0.7330	-0.7633	-0.6357
0.900	-1.3422	-1.2854	-0.6951	-0.7654	*****
0.925	*****	-1.2929	-0.6718	-0.7548	-0.6069
0.950	-1.3457	-1.2917	-0.6638	-0.7392	-0.5614
0.975	*****	-1.2826	-0.6425	-0.7294	-0.5258
1.000	-1.3334	-1.2902	-0.6113	-0.7058	-0.4865
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5858	0.5198	0.4895	*****	-0.4869
-0.400	0.5867	0.5251	0.4597	0.2510	-0.5378
-0.600	0.5866	0.5179	0.4509	0.2792	-0.5150
-0.700	*****	0.5180	0.4482	0.2852	-0.4871
-0.800	*****	*****	0.4422	0.3025	-0.4151
-0.850	*****	0.4642	0.4210	0.3036	-0.3924
-0.900	0.4823	0.3903	0.3766	0.2794	-0.3484
-0.950	0.3953	0.1543	0.2336	0.1921	-0.1371
-0.975	*****	0.0230	0.0541	0.0544	-0.1232
-1.000	-1.3538	-1.3025	-0.7107	-0.6606	-0.4838

Surface Pressures



Small Radius L.E.
 Run No. = 42, Point No. = 891
 $C_N = 1.087$, $C_m = -0.1766$
 $\alpha = 24.6^\circ$, $M_\infty = 0.869$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.2075	*****
0.20	-1.3334	-1.3538
0.30	-1.3002	*****
0.40	-1.2902	-1.3025
0.50	-1.2372	*****
0.60	-0.6113	-0.7107
0.70	-0.6308	*****
0.80	-0.7058	-0.6606
0.90	-0.6019	*****
0.95	-0.4865	-0.4838

Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.6134	-0.6610	0.0239	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6177	-0.6662	0.0174	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6247	-0.6750	0.0061	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6369	-0.6882	-0.0197	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.7252	-0.0563	-0.9366	-0.7285	*****	*****	*****	*****	*****
0.300	-0.6943	-0.7765	-0.1378	-0.9469	-0.8069	*****	*****	*****	*****	*****
0.350	-0.7883	-0.8698	-0.2577	-0.9710	-0.8431	*****	*****	*****	*****	*****
0.400	-0.9543	-1.0166	-0.4518	-0.9589	-0.8394	*****	*****	*****	*****	*****
0.450	-1.1742	-1.1978	-0.6828	-0.9203	-0.7950	*****	*****	*****	*****	*****
0.500	-1.3959	-1.3674	-0.9451	-0.8882	-0.7525	*****	*****	*****	*****	*****
0.525	*****	-1.4457	-1.0605	-0.8835	-0.7668	*****	*****	*****	*****	*****
0.550	-1.5225	-1.5050	-1.1545	-0.8750	-0.7617	*****	*****	*****	*****	*****
0.575	*****	-1.5613	-1.2324	-0.8939	-0.7811	*****	*****	*****	*****	*****
0.600	-1.4421	-1.5443	-1.2725	-0.9048	-0.7847	*****	*****	*****	*****	*****
0.625	*****	*****	-1.1246	-0.9114	-0.7914	*****	*****	*****	*****	*****
0.650	-1.4115	-1.4085	-0.9525	-0.9127	-0.7856	*****	*****	*****	*****	*****
0.675	*****	-1.4246	-0.8825	-0.9188	-0.7763	*****	*****	*****	*****	*****
0.700	-1.4028	-1.4202	-0.8408	-0.9128	-0.7667	*****	*****	*****	*****	*****
0.725	*****	-1.4178	*****	-0.9052	-0.7594	*****	*****	*****	*****	*****
0.750	-1.4304	-1.4328	*****	-0.8830	-0.7511	*****	*****	*****	*****	*****
0.775	*****	-1.4743	-0.7653	-0.8728	-0.7279	*****	*****	*****	*****	*****
0.800	-1.3557	-1.4903	-0.7486	-0.8581	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4309	-0.7484	-0.8527	-0.6962	*****	*****	*****	*****	*****
0.850	-1.3640	-1.3474	-0.7437	-0.8336	-0.6713	*****	*****	*****	*****	*****
0.875	*****	-1.3132	-0.7269	-0.8121	-0.6509	*****	*****	*****	*****	*****
0.900	-1.3552	-1.3107	-0.7075	-0.8129	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3187	-0.6908	-0.8025	-0.6198	*****	*****	*****	*****	*****
0.950	-1.3551	-1.3188	-0.6792	-0.7843	-0.5750	*****	*****	*****	*****	*****
0.975	*****	-1.3121	-0.6693	-0.7628	-0.5412	*****	*****	*****	*****	*****
1.000	-1.3416	-1.3201	-0.6469	-0.7327	-0.4975	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.6132	0.5413	0.5054	*****	*****	*****	*****	*****	*****
-0.400	$C_{p,l}$	0.6113	0.5475	0.4828	0.2679	-0.5248	*****	*****	*****	*****
-0.600	$C_{p,l}$	0.6089	0.5395	0.4680	0.2931	-0.4993	*****	*****	*****	*****
-0.700	$C_{p,l}$	*****	0.5369	0.4638	0.3022	-0.4703	*****	*****	*****	*****
-0.800	$C_{p,l}$	*****	*****	0.4550	0.3107	-0.4022	*****	*****	*****	*****
-0.850	$C_{p,l}$	*****	0.4752	0.4309	0.3116	-0.3778	*****	*****	*****	*****
-0.900	$C_{p,l}$	0.4908	0.3957	0.3807	0.2852	-0.3334	*****	*****	*****	*****
-0.950	$C_{p,l}$	0.3991	0.1525	0.2300	0.1883	-0.1322	*****	*****	*****	*****
-0.975	$C_{p,l}$	*****	0.0130	0.0432	0.0430	-0.1274	*****	*****	*****	*****
-1.000	$C_{p,l}$	-1.3774	-1.3224	-0.7367	-0.6784	-0.4955	*****	*****	*****	*****

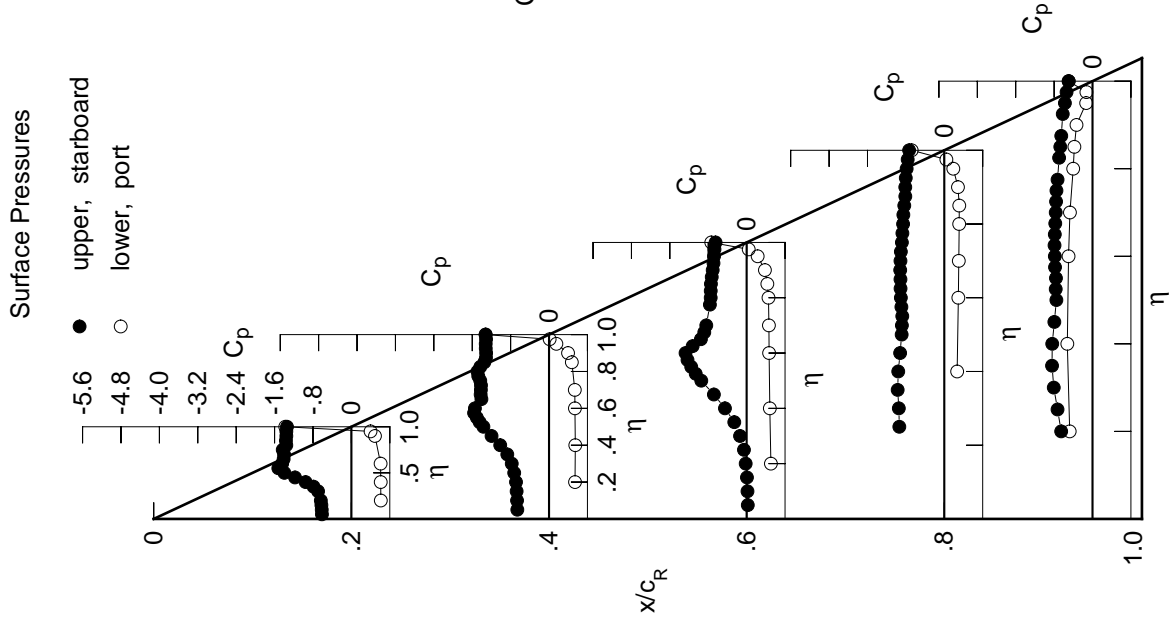
Small Radius L.E.

Run No. = 42, Point No. = 892

$C_N = 1.124$, $C_m = -0.1770$

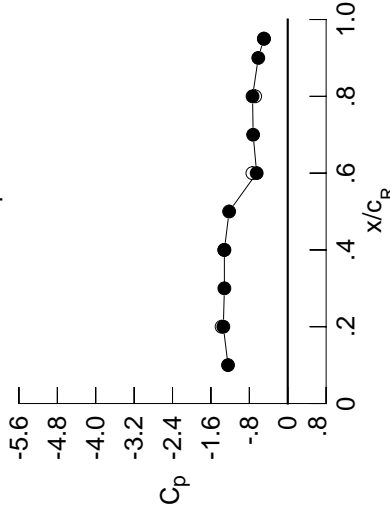
$\alpha = 25.7^\circ$, $M_\infty = 0.870$

$R_{mac} = 6.0 \times 10^6$



Leading Edge Pressures

● starboard
○ port



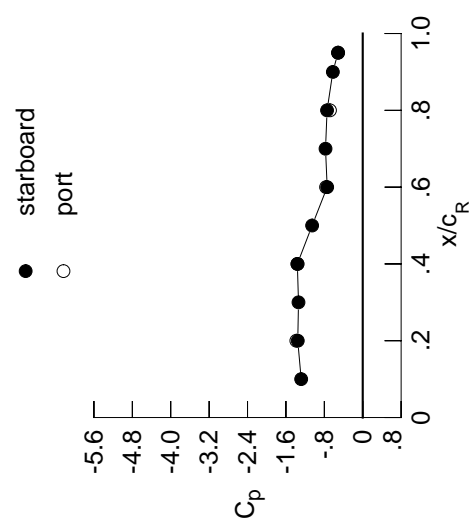
x/c_R	starb'd C_p	port C_p
0.10	-1.2437	*****
0.20	-1.3416	-1.3774
0.30	-1.3197	*****
0.40	-1.3201	-1.3224
0.50	-1.2210	*****
0.60	-0.6469	-0.7367
0.70	-0.7206	*****
0.80	-0.7327	-0.6784
0.90	-0.6136	*****
0.95	-0.4975	-0.4955

Table D5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6488	-0.6975	-0.0643	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6524	-0.6995	-0.0677	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6629	-0.7114	-0.0732	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6802	-0.7299	-0.0988	*****	*****	*****	*****	*****	*****	-0.7564
0.250	*****	-0.7728	-0.1343	-1.0055	-0.8424	*****	*****	*****	*****	-0.8424
0.300	-0.7571	-0.8366	-0.2194	-0.9791	-0.8975	*****	*****	*****	*****	-0.8975
0.350	-0.8709	-0.9383	-0.3407	-0.9629	-0.8624	*****	*****	*****	*****	-0.8624
0.400	-1.0514	-1.0874	-0.5337	-0.9002	-0.7930	*****	*****	*****	*****	-0.7930
0.450	-1.2603	-1.2551	-0.7435	-0.8465	-0.7579	*****	*****	*****	*****	-0.7579
0.500	-1.4511	-1.4105	-0.9745	-0.8371	-0.7444	*****	*****	*****	*****	-0.7444
0.525	*****	-1.4774	-1.0739	-0.8454	-0.7697	*****	*****	*****	*****	-0.7697
0.550	-1.5612	-1.5308	-1.1427	-0.8553	-0.7723	*****	*****	*****	*****	-0.7723
0.575	*****	-1.5783	-1.1998	-0.8843	-0.7927	*****	*****	*****	*****	-0.7927
0.600	-1.4783	-1.5398	-1.2012	-0.9010	-0.7964	*****	*****	*****	*****	-0.7964
0.625	*****	*****	-1.0298	-0.9129	-0.7966	*****	*****	*****	*****	-0.7966
0.650	-1.4552	-1.4216	-0.8938	-0.9185	-0.7977	*****	*****	*****	*****	-0.7977
0.675	*****	-1.4406	-0.8553	-0.9199	-0.7836	*****	*****	*****	*****	-0.7836
0.700	-1.4557	-1.4390	-0.8538	-0.9195	-0.7775	*****	*****	*****	*****	-0.7775
0.725	*****	-1.4392	*****	-0.9100	-0.7678	*****	*****	*****	*****	-0.7678
0.750	-1.4727	-1.4510	*****	-0.8918	-0.7612	*****	*****	*****	*****	-0.7612
0.775	*****	-1.4958	-0.8152	-0.8838	-0.7418	*****	*****	*****	*****	-0.7418
0.800	-1.3981	-1.5104	-0.7918	-0.8700	*****	*****	*****	*****	*****	-0.7418
0.825	*****	-1.4465	-0.7803	-0.8696	-0.7123	*****	*****	*****	*****	-0.7123
0.850	-1.3748	-1.3699	-0.7797	-0.8504	-0.6849	*****	*****	*****	*****	-0.6849
0.875	*****	-1.3383	-0.7693	-0.8276	-0.6640	*****	*****	*****	*****	-0.6640
0.900	-1.3613	-1.3428	-0.7679	-0.8290	*****	*****	*****	*****	*****	-0.6640
0.925	*****	-1.3573	-0.7575	-0.8130	-0.6315	*****	*****	*****	*****	-0.6315
0.950	-1.3620	-1.3539	-0.7552	-0.7986	-0.5918	*****	*****	*****	*****	-0.5918
0.975	*****	-1.3468	-0.7513	-0.7777	-0.5586	*****	*****	*****	*****	-0.5586
1.000	-1.3534	-1.3621	-0.7408	-0.7428	-0.5150	*****	*****	*****	*****	-0.5150
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.6407	0.5606	0.5255	*****	*****	*****	*****	*****	*****	-0.4619
-0.600	0.6378	0.5697	0.4980	0.2825	-0.5133	*****	*****	*****	*****	-0.5133
-0.700	0.6321	0.5582	0.4881	0.3048	-0.4861	*****	*****	*****	*****	-0.4861
-0.800	*****	0.5563	0.4787	0.3154	-0.4582	*****	*****	*****	*****	-0.4582
-0.850	*****	*****	0.4682	0.3210	-0.3871	*****	*****	*****	*****	-0.3871
-0.900	*****	0.4864	0.4397	0.3220	-0.3651	*****	*****	*****	*****	-0.3651
-0.950	0.5013	0.3993	0.3849	0.2907	-0.3216	*****	*****	*****	*****	-0.3216
-0.975	0.4033	0.1554	0.2245	0.1848	-0.1295	*****	*****	*****	*****	-0.1295
-1.000	*****	0.0041	0.0315	0.0301	-0.1343	*****	*****	*****	*****	-0.1343
-1.000	-1.3828	-1.3564	-0.7641	-0.6828	-0.5124	*****	*****	*****	*****	-0.5124

Small Radius L.E.
 Run No. = 42, Point No. = 893
 $C_N = 1.156$, $C_m = -0.1793$
 $\alpha = 26.7^\circ$, $M_\infty = 0.871$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.2823	*****
0.20	-1.3534	*****
0.30	-1.3382	*****
0.40	-1.3621	-1.3564
0.50	-1.0542	*****
0.60	-0.7408	-0.7641
0.70	-0.7752	*****
0.80	-0.7428	-0.6828
0.90	-0.6227	*****
0.95	-0.5150	-0.5124

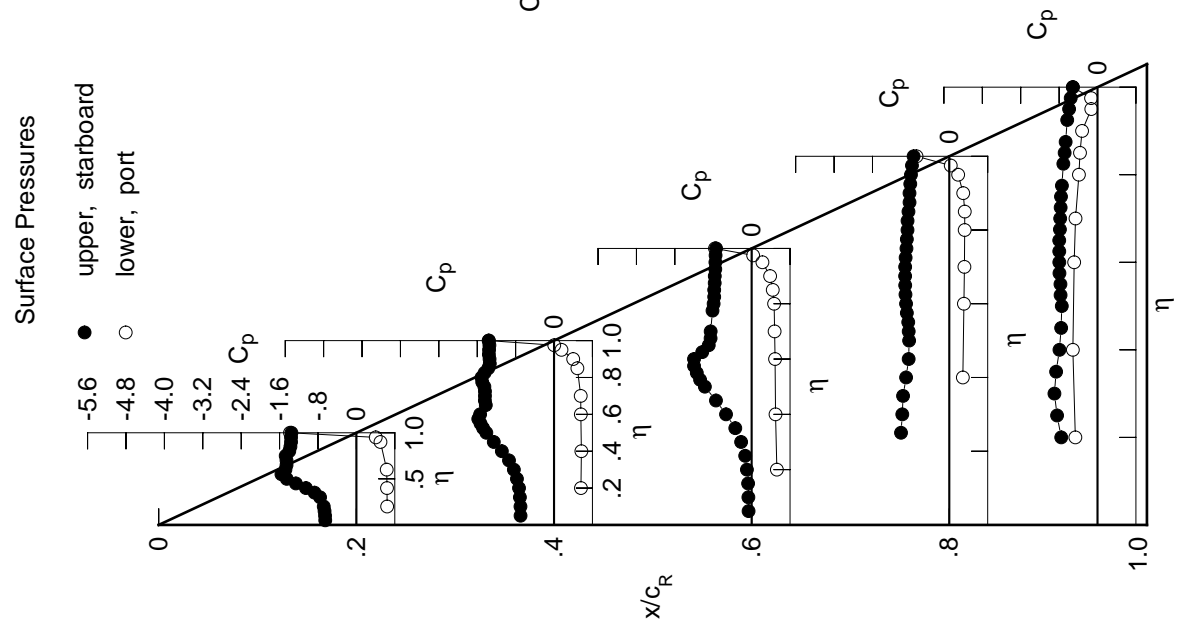
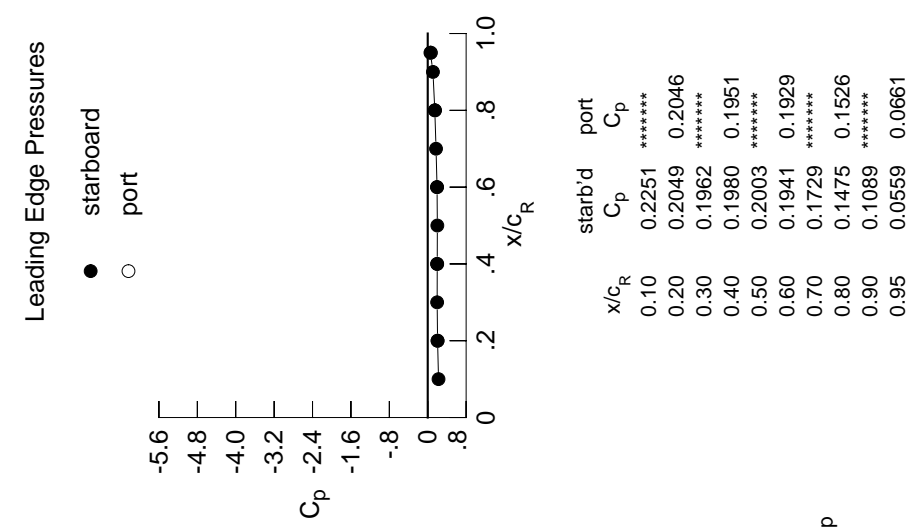


Table D5. Concluded.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0066	0.0067	0.1333	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0050	0.0036	0.1285	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0062	0.0055	0.1133	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0130	0.0062	0.1004	*****	*****	*****	*****	*****	*****	*****
0.250	*****	0.0045	0.0877	-0.1273	-0.3706	*****	*****	*****	*****	*****
0.300	-0.0287	0.0053	0.0825	-0.1130	-0.3998	*****	*****	*****	*****	*****
0.350	-0.0370	-0.0022	0.0637	-0.1016	-0.4342	*****	*****	*****	*****	*****
0.400	-0.0429	0.0033	0.0592	-0.0920	-0.4683	*****	*****	*****	*****	*****
0.450	-0.0500	-0.0059	0.0552	-0.0861	-0.4873	*****	*****	*****	*****	*****
0.500	-0.0524	-0.0030	0.0413	-0.0795	-0.5164	*****	*****	*****	*****	*****
0.525	*****	-0.0088	0.0390	-0.0804	-0.5534	*****	*****	*****	*****	*****
0.550	-0.0592	-0.0079	0.0337	-0.0758	-0.5639	*****	*****	*****	*****	*****
0.575	*****	-0.0120	0.0366	-0.0734	-0.5817	*****	*****	*****	*****	*****
0.600	-0.0619	-0.0087	0.0261	-0.0712	-0.6061	*****	*****	*****	*****	*****
0.625	*****	*****	0.0267	-0.0679	-0.6321	*****	*****	*****	*****	*****
0.650	-0.0609	-0.0371	0.0224	-0.0657	-0.6552	*****	*****	*****	*****	*****
0.675	*****	-0.0419	0.0160	-0.0702	-0.6802	*****	*****	*****	*****	*****
0.700	-0.0570	-0.0495	0.0090	-0.0672	-0.7030	*****	*****	*****	*****	*****
0.725	*****	-0.0569	*****	-0.0737	-0.7131	*****	*****	*****	*****	*****
0.750	-0.0461	-0.0602	*****	-0.0719	-0.7084	*****	*****	*****	*****	*****
0.775	*****	-0.0690	-0.0266	-0.0770	-0.7028	*****	*****	*****	*****	*****
0.800	-0.0256	-0.0722	-0.0365	-0.0719	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0721	-0.0508	-0.0950	-0.6825	*****	*****	*****	*****	*****
0.850	0.0029	-0.0689	-0.0602	-0.1087	-0.6096	*****	*****	*****	*****	*****
0.875	*****	-0.0603	-0.0663	-0.1165	-0.5958	*****	*****	*****	*****	*****
0.900	0.0401	-0.0346	-0.0586	-0.1280	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0107	-0.0432	-0.1213	-0.5793	*****	*****	*****	*****	*****
0.950	0.0838	0.0232	-0.0072	-0.0891	-0.3289	*****	*****	*****	*****	*****
0.975	*****	0.0716	0.0506	-0.0234	-0.1908	*****	*****	*****	*****	*****
1.000	0.2049	0.1980	0.1941	0.1475	0.0559	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	-0.0098	0.0089	0.0932	*****	-0.3775	*****	*****	*****	*****	*****
-0.600	-0.0459	0.0043	0.0529	-0.0936	-0.4421	*****	*****	*****	*****	*****
-0.800	-0.0651	-0.0068	0.0222	-0.0718	-0.6131	*****	*****	*****	*****	*****
-1.000	*****	-0.0419	0.0090	-0.0711	-0.6849	*****	*****	*****	*****	*****
-1.200	*****	*****	-0.0468	-0.0754	-0.6927	*****	*****	*****	*****	*****
-1.400	*****	-0.0722	-0.0674	-0.1148	-0.5795	*****	*****	*****	*****	*****
-1.600	-0.0052	-0.0422	-0.0686	-0.1392	-0.5309	*****	*****	*****	*****	*****
-1.800	0.0287	0.0212	-0.0162	-0.1029	-0.3386	*****	*****	*****	*****	*****
-2.000	*****	0.0691	0.0379	-0.0371	-0.2003	*****	*****	*****	*****	*****
-2.200	0.2046	0.1951	0.1929	0.1526	0.0661	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 42, Point No. = 894
 $C_N = -0.014$, $C_m = 0.0052$
 $\alpha = 0.1^\circ$, $M_\infty = 0.868$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.2251	*****
0.20	0.2049	0.2046
0.30	0.1962	*****
0.40	0.1980	0.1951
0.50	0.2003	*****
0.60	0.1941	0.1929
0.70	0.1729	*****
0.80	0.1475	0.1526
0.90	0.1089	*****
0.95	0.0559	0.0661

Table D6. Tabulations and Plots of Surface Pressure Coefficients.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0038	0.0067	0.1440	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0021	0.0068	0.1364	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0055	0.0069	0.1215	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0078	0.0079	0.1092	*****	*****	*****	*****	*****	*****	*****
0.250	*****	0.0063	0.0966	-0.1281	-0.6047	*****	*****	*****	*****	*****
0.300	-0.0240	0.0088	0.0875	-0.1132	-0.5963	*****	*****	*****	*****	*****
0.350	-0.0297	0.0029	0.0726	-0.1009	-0.6023	*****	*****	*****	*****	*****
0.400	-0.0304	0.0050	0.0650	-0.0916	-0.6261	*****	*****	*****	*****	*****
0.450	-0.0423	-0.0001	0.0637	-0.0845	-0.6372	*****	*****	*****	*****	*****
0.500	-0.0458	-0.0025	0.0514	-0.0790	-0.6544	*****	*****	*****	*****	*****
0.525	*****	-0.0013	0.0467	-0.0770	-0.6662	*****	*****	*****	*****	*****
0.550	-0.0521	-0.0053	0.0440	-0.0731	-0.6704	*****	*****	*****	*****	*****
0.575	*****	-0.0069	0.0447	-0.0690	-0.6784	*****	*****	*****	*****	*****
0.600	-0.0540	-0.0051	0.0377	-0.0685	-0.6796	*****	*****	*****	*****	*****
0.625	*****	*****	0.0354	-0.0651	-0.6813	*****	*****	*****	*****	*****
0.650	-0.0511	-0.0118	0.0342	-0.0642	-0.6801	*****	*****	*****	*****	*****
0.675	*****	-0.0232	0.0253	-0.0653	-0.6715	*****	*****	*****	*****	*****
0.700	-0.0458	-0.0373	0.0232	-0.0661	-0.6787	*****	*****	*****	*****	*****
0.725	*****	-0.0464	*****	-0.0650	-0.6711	*****	*****	*****	*****	*****
0.750	-0.0316	-0.0503	*****	-0.0659	-0.6679	*****	*****	*****	*****	*****
0.775	*****	-0.0575	0.0000	-0.0675	-0.6596	*****	*****	*****	*****	*****
0.800	-0.0110	-0.0580	-0.0206	-0.0702	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0563	-0.0292	-0.0677	-0.6575	*****	*****	*****	*****	*****
0.850	0.0153	-0.0483	-0.0399	-0.0955	-0.6131	*****	*****	*****	*****	*****
0.875	*****	-0.0397	-0.0401	-0.0995	-0.5941	*****	*****	*****	*****	*****
0.900	0.0530	-0.0160	-0.0344	-0.1077	*****	*****	*****	*****	*****	*****
0.925	*****	0.0126	-0.0133	-0.0954	-0.6093	*****	*****	*****	*****	*****
0.950	0.0961	0.0460	0.0207	-0.0626	-0.2937	*****	*****	*****	*****	*****
0.975	*****	0.0955	0.0790	0.0027	-0.1624	*****	*****	*****	*****	*****
1.000	0.2021	0.1890	0.1768	0.1455	0.0493	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0270	-0.0063	0.0931	*****	-0.5821	*****	*****	*****	*****	*****
-0.400	-0.0615	-0.0081	0.0494	-0.1023	-0.5968	*****	*****	*****	*****	*****
-0.600	-0.0848	-0.0253	0.0165	-0.0813	-0.6852	*****	*****	*****	*****	*****
-0.700	*****	-0.0631	-0.0015	-0.0809	-0.6859	*****	*****	*****	*****	*****
-0.800	*****	*****	-0.0630	-0.0840	-0.6550	*****	*****	*****	*****	*****
-0.850	*****	-0.0975	-0.0840	-0.1332	-0.5448	*****	*****	*****	*****	*****
-0.900	-0.0285	-0.0713	-0.0926	-0.1635	-0.4531	*****	*****	*****	*****	*****
-0.950	0.0057	-0.0012	-0.0451	-0.1341	-0.3370	*****	*****	*****	*****	*****
-0.975	*****	0.0381	0.0076	-0.0717	-0.2200	*****	*****	*****	*****	*****
-1.000	0.1951	0.1804	0.1685	0.1350	0.0518	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 43 , Point No. = 895
 $C_N = -0.033$, $C_m = 0.0088$
 $\alpha = -0.4^\circ$, $M_\infty = 0.900$
 $R_{mac} = 6.0 \times 10^6$

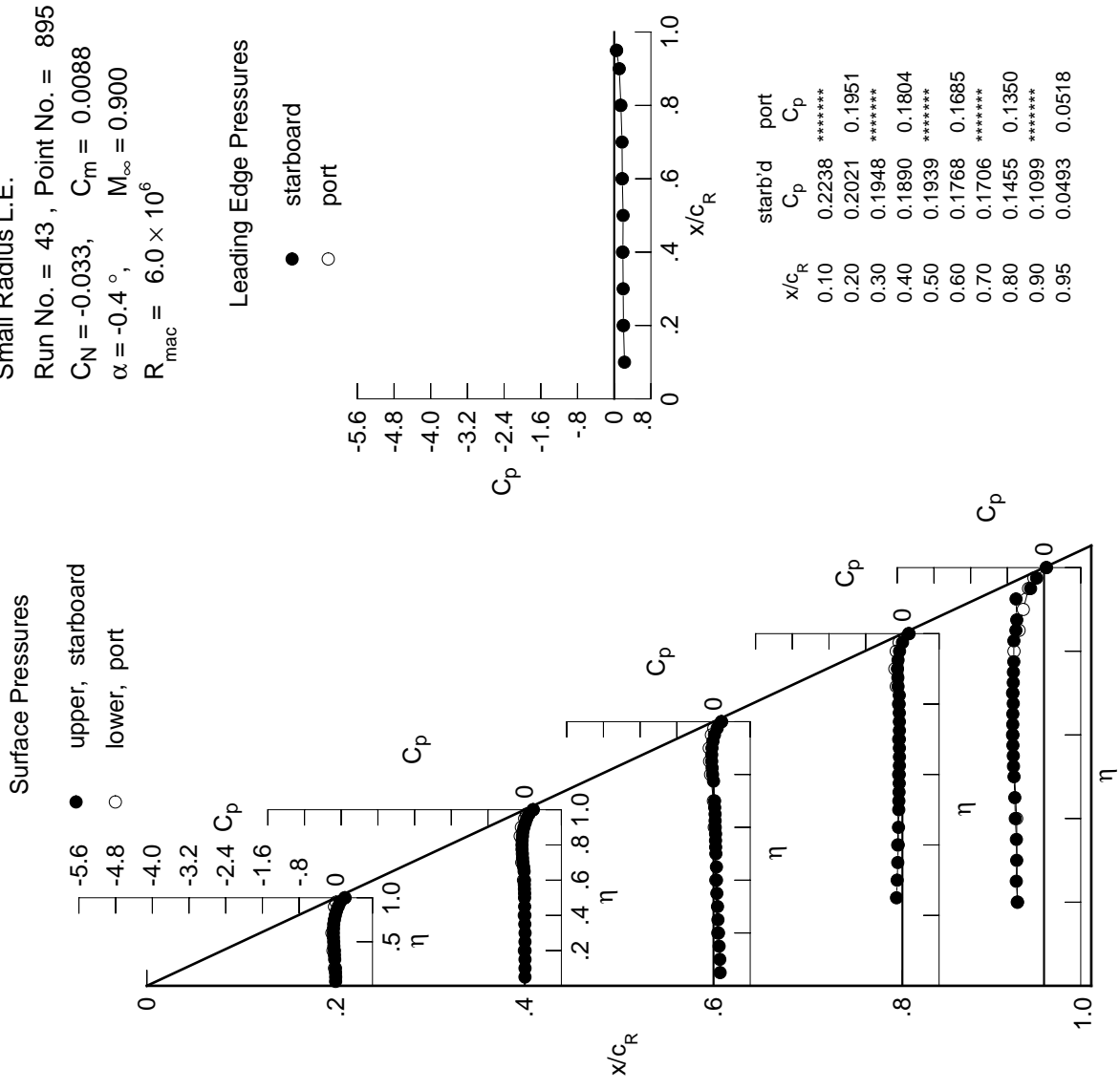


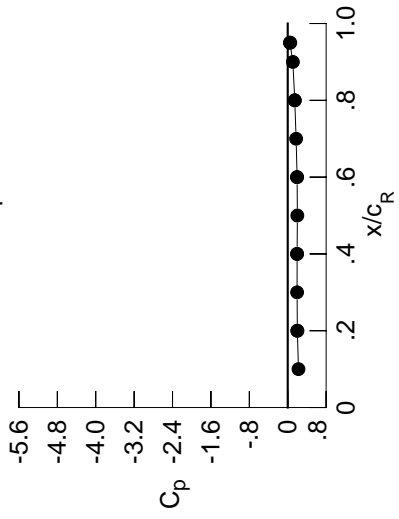
Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0125	0.0006	0.1384	*****	*****	*****	*****	*****	*****	
0.100	-0.0096	-0.0005	0.1284	*****	*****	*****	*****	*****	*****	
0.150	-0.0152	-0.0007	0.1171	*****	*****	*****	*****	*****	*****	
0.200	-0.0180	-0.0009	0.1025	*****	*****	*****	*****	*****	-0.5727	
0.250	*****	-0.0014	0.0924	-0.1369	-0.5925	*****	*****	*****	*****	
0.300	-0.0345	-0.0023	0.0782	-0.1189	-0.5867	*****	*****	*****	*****	
0.350	-0.0421	-0.0051	0.0677	-0.1089	-0.5965	*****	*****	*****	*****	
0.400	-0.0568	-0.0080	0.0598	-0.0972	-0.6209	*****	*****	*****	*****	
0.450	-0.0540	-0.0091	0.0581	-0.0909	-0.6364	*****	*****	*****	*****	
0.500	-0.0589	-0.0116	0.0431	-0.0860	-0.6530	*****	*****	*****	*****	
0.525	*****	-0.0119	0.0389	-0.0844	-0.6701	*****	*****	*****	*****	
0.550	-0.0641	-0.0173	0.0376	-0.0781	-0.6684	*****	*****	*****	*****	
0.575	*****	-0.0149	0.0369	-0.0782	-0.6786	*****	*****	*****	*****	
0.600	-0.0676	-0.0151	0.0295	-0.0750	-0.6804	*****	*****	*****	*****	
0.625	*****	*****	0.0273	-0.0747	-0.6827	*****	*****	*****	*****	
0.650	-0.0654	-0.0361	0.0234	-0.0726	-0.6805	*****	*****	*****	*****	
0.675	*****	-0.0475	0.0156	-0.0737	-0.6768	*****	*****	*****	*****	
0.700	-0.0614	-0.0551	0.0108	-0.0744	-0.6835	*****	*****	*****	*****	
0.725	*****	-0.0606	*****	-0.0749	-0.6777	*****	*****	*****	*****	
0.750	-0.0466	-0.0630	*****	-0.0762	-0.6727	*****	*****	*****	*****	
0.775	*****	-0.0734	-0.0239	-0.0789	-0.6642	*****	*****	*****	*****	
0.800	-0.0283	-0.0754	-0.0356	-0.0773	*****	*****	*****	*****	*****	
0.825	*****	-0.0760	-0.0470	-0.0947	-0.6515	*****	*****	*****	*****	
0.850	-0.0028	-0.0699	-0.0581	-0.1085	-0.5866	*****	*****	*****	*****	
0.875	*****	-0.0618	-0.0583	-0.1173	-0.5582	*****	*****	*****	*****	
0.900	0.0351	-0.0373	-0.0569	-0.1293	*****	*****	*****	*****	*****	
0.925	*****	-0.0120	-0.0387	-0.1199	-0.5430	*****	*****	*****	*****	
0.950	0.0786	0.0207	-0.0051	-0.0890	-0.3103	*****	*****	*****	*****	
0.975	*****	0.0702	0.0537	-0.0267	-0.1860	*****	*****	*****	*****	
1.000	0.2003	0.1957	0.1955	0.1465	0.0448	*****	*****	*****	*****	
η	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.200	-0.0165	0.0013	0.0992	*****	-0.5907	*****	*****	*****	*****	
-0.400	-0.0512	0.0006	0.0558	-0.0948	-0.6138	*****	*****	*****	*****	
-0.600	-0.0713	-0.0128	0.0246	-0.0758	-0.6831	*****	*****	*****	*****	
-0.700	*****	-0.0472	0.0089	-0.0720	-0.6828	*****	*****	*****	*****	
-0.800	*****	*****	-0.0442	-0.0805	-0.6561	*****	*****	*****	*****	
-0.850	*****	-0.0824	-0.0655	-0.1152	-0.5760	*****	*****	*****	*****	
-0.900	-0.0094	-0.0474	-0.0685	-0.1420	-0.5062	*****	*****	*****	*****	
-0.950	0.0241	0.0161	-0.0166	-0.1057	-0.3203	*****	*****	*****	*****	
-0.975	*****	0.0661	0.0384	-0.0388	-0.1958	*****	*****	*****	*****	
-1.000	0.2012	0.1923	0.1923	0.1469	0.0526	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 43 , Point No. = 896
 $C_N = -0.013$, $C_m = 0.0047$
 $\alpha = 0.1^\circ$, $M_\infty = 0.900$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2237	*****
0.20	0.2003	0.2012
0.30	0.1949	*****
0.40	0.1957	0.1923
0.50	0.2004	*****
0.60	0.1955	0.1923
0.70	0.1743	*****
0.80	0.1465	0.1469
0.90	0.1069	*****
0.95	0.0448	0.0526

Surface Pressures

● upper, starboard
 ○ lower, port

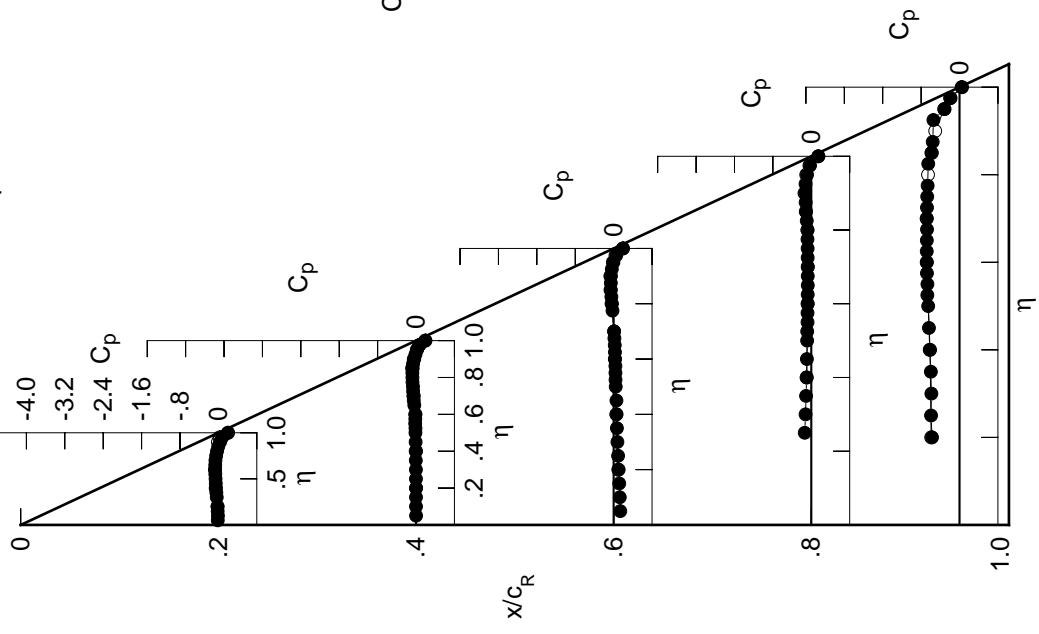


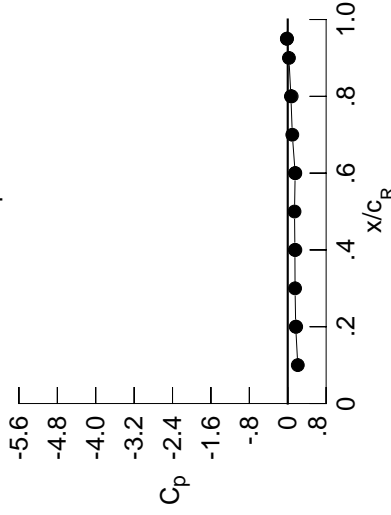
Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0336	-0.0185	0.1278	*****	*****	*****	*****	*****	*****	
0.100	-0.0346	-0.0193	0.1161	*****	*****	*****	*****	*****	*****	
0.150	-0.0402	-0.0175	0.1056	*****	*****	*****	*****	*****	*****	
0.200	-0.0413	-0.0187	0.0930	*****	*****	*****	*****	*****	-0.5594	
0.250	*****	-0.0208	0.0798	-0.1510	-0.5637	*****	*****	*****	*****	
0.300	-0.0610	-0.0196	0.0668	-0.1360	-0.5766	*****	*****	*****	*****	
0.350	-0.0664	-0.0230	0.0538	-0.1242	-0.5810	*****	*****	*****	*****	
0.400	-0.0734	-0.0246	0.0462	-0.1134	-0.6019	*****	*****	*****	*****	
0.450	-0.0806	-0.0289	0.0419	-0.1075	-0.6119	*****	*****	*****	*****	
0.500	-0.0868	-0.0332	0.0279	-0.1018	-0.6533	*****	*****	*****	*****	
0.525	*****	-0.0331	0.0220	-0.1022	-0.6627	*****	*****	*****	*****	
0.550	-0.0933	-0.0356	0.0197	-0.0947	-0.6707	*****	*****	*****	*****	
0.575	*****	-0.0364	0.0191	-0.0950	-0.6816	*****	*****	*****	*****	
0.600	-0.0985	-0.0424	0.0119	-0.0927	-0.6826	*****	*****	*****	*****	
0.625	*****	*****	0.0088	-0.0929	-0.6861	*****	*****	*****	*****	
0.650	-0.0983	-0.0799	0.0045	-0.0915	-0.6858	*****	*****	*****	*****	
0.675	*****	-0.0836	-0.0045	-0.0935	-0.6857	*****	*****	*****	*****	
0.700	-0.0958	-0.0890	-0.0097	-0.0958	-0.6885	*****	*****	*****	*****	
0.725	*****	-0.0951	*****	-0.0973	-0.6846	*****	*****	*****	*****	
0.750	-0.0856	-0.1000	*****	-0.0998	-0.6785	*****	*****	*****	*****	
0.775	*****	-0.1114	-0.0733	-0.1012	-0.6667	*****	*****	*****	*****	
0.800	-0.0674	-0.1184	-0.0822	-0.0991	*****	*****	*****	*****	*****	
0.825	*****	-0.1212	-0.0888	-0.1412	-0.5934	*****	*****	*****	*****	
0.850	-0.0431	-0.1178	-0.1021	-0.1501	-0.5122	*****	*****	*****	*****	
0.875	*****	-0.1114	-0.1092	-0.1585	-0.4975	*****	*****	*****	*****	
0.900	-0.0079	-0.0900	-0.1123	-0.1796	*****	*****	*****	*****	*****	
0.925	*****	-0.0675	-0.0966	-0.1775	-0.4718	*****	*****	*****	*****	
0.950	0.0331	-0.0382	-0.0715	-0.1546	-0.3457	*****	*****	*****	*****	
0.975	*****	0.0067	-0.0159	-0.0979	-0.2408	*****	*****	*****	*****	
1.000	0.1661	0.1492	0.1547	0.0660	-0.0184	*****	*****	*****	*****	
η	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.200	0.0010	0.0179	0.1114	*****	-0.6164	*****	*****	*****	*****	
-0.400	-0.0290	0.0171	0.0668	-0.0791	-0.6370	*****	*****	*****	*****	
-0.600	-0.0443	0.0057	0.0438	-0.0599	-0.6783	*****	*****	*****	*****	
-0.700	*****	-0.0106	0.0265	-0.0639	-0.6742	*****	*****	*****	*****	
-0.800	*****	*****	-0.0042	-0.0589	-0.6429	*****	*****	*****	*****	
-0.850	*****	-0.0327	-0.0277	-0.0772	-0.6434	*****	*****	*****	*****	
-0.900	0.0260	0.0016	-0.0199	-0.0963	-0.5486	*****	*****	*****	*****	
-0.950	0.0631	0.0490	0.0396	-0.0472	-0.2872	*****	*****	*****	*****	
-0.975	*****	0.1160	0.0946	0.0190	-0.1498	*****	*****	*****	*****	
-1.000	0.1764	0.1590	0.1578	0.0822	-0.0150	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 43 , Point No. = 897
 $C_N = 0.030$, $C_m = -0.0030$
 $\alpha = 1.1^\circ$, $M_\infty = 0.902$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2092	*****
0.20	0.1661	0.1764
0.30	0.1527	*****
0.40	0.1492	0.1590
0.50	0.1414	*****
0.60	0.1547	0.1578
0.70	0.0955	*****
0.80	0.0660	0.0822
0.90	0.0245	*****
0.95	-0.0184	-0.0150

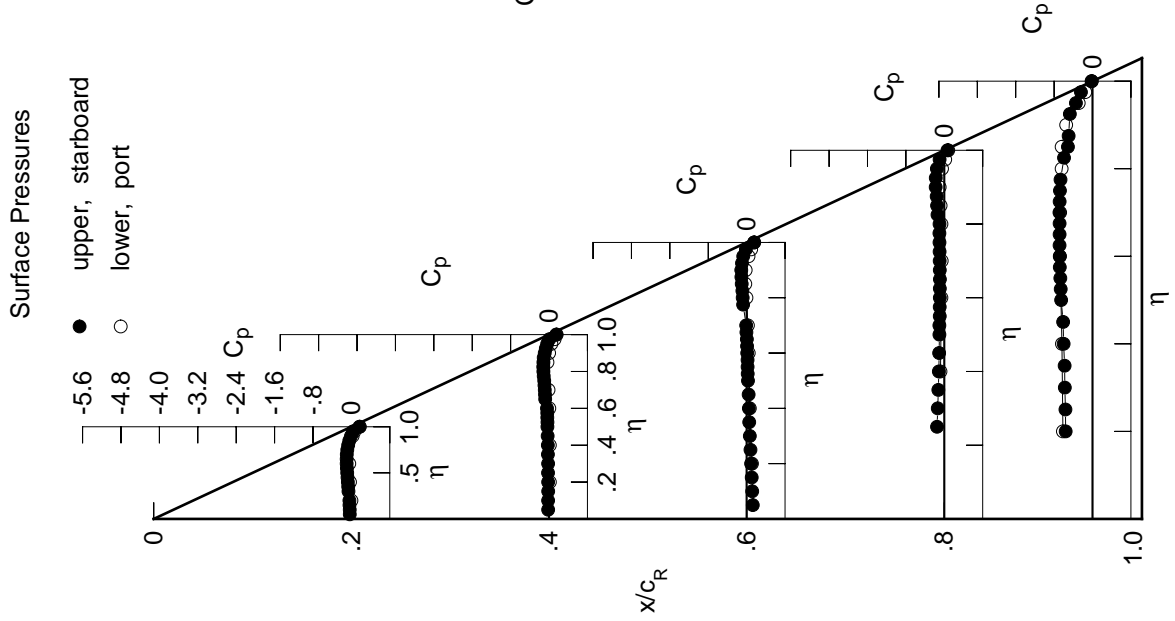


Table D6. Continued.

η	x/c_R .2	$C_{p,u}$	x/c_R .4	$C_{p,u}$	x/c_R .6	$C_{p,u}$	x/c_R .8	$C_{p,u}$	x/c_R .95	$C_{p,u}$
0.050	-0.0512	-0.0418	0.1142	0.1142	0.1142	0.1142	0.1142	0.1142	0.1142	0.1142
0.100	-0.0545	-0.0337	0.1064	0.1064	0.1064	0.1064	0.1064	0.1064	0.1064	0.1064
0.150	-0.0591	-0.0343	0.0925	0.0925	0.0925	0.0925	0.0925	0.0925	0.0925	0.0925
0.200	-0.0601	-0.0341	0.0780	0.0780	0.0780	0.0780	0.0780	0.0780	0.0780	0.0780
0.250	*****	-0.0377	0.0647	0.0647	0.0647	0.0647	0.0647	0.0647	0.0647	0.0647
0.300	-0.0811	-0.0376	0.0522	0.0522	0.0522	0.0522	0.0522	0.0522	0.0522	0.0522
0.350	-0.0874	-0.0416	0.0386	0.0386	0.0386	0.0386	0.0386	0.0386	0.0386	0.0386
0.400	-0.0938	-0.0435	0.0313	0.0313	0.0313	0.0313	0.0313	0.0313	0.0313	0.0313
0.450	-0.1015	-0.0480	0.0274	0.0274	0.0274	0.0274	0.0274	0.0274	0.0274	0.0274
0.500	-0.1099	-0.0488	0.0108	0.0108	0.0108	0.0108	0.0108	0.0108	0.0108	0.0108
0.525	*****	-0.0513	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054
0.550	-0.1188	-0.0539	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047
0.575	*****	-0.0553	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
0.600	-0.1260	-0.0513	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053	-0.0053
0.625	*****	*****	-0.0109	-0.0109	-0.0109	-0.0109	-0.0109	-0.0109	-0.0109	-0.0109
0.650	-0.1291	-0.1150	-0.0118	-0.0118	-0.0118	-0.0118	-0.0118	-0.0118	-0.0118	-0.0118
0.675	*****	-0.1234	-0.0240	-0.1137	-0.0916	-0.0916	-0.0916	-0.0916	-0.0916	-0.0916
0.700	-0.1305	-0.1274	-0.0265	-0.1156	-0.0997	-0.0997	-0.0997	-0.0997	-0.0997	-0.0997
0.725	*****	-0.1291	*****	-0.1180	-0.0963	-0.0963	-0.0963	-0.0963	-0.0963	-0.0963
0.750	-0.1198	-0.1324	*****	-0.1223	-0.0883	-0.0883	-0.0883	-0.0883	-0.0883	-0.0883
0.775	*****	-0.1452	-0.0538	-0.1253	-0.0636	-0.0636	-0.0636	-0.0636	-0.0636	-0.0636
0.800	-0.1066	-0.1547	-0.1261	-0.1295	*****	*****	*****	*****	*****	*****
0.825	*****	-0.1636	-0.1316	-0.1615	-0.5152	-0.5152	-0.5152	-0.5152	-0.5152	-0.5152
0.850	-0.0853	-0.1660	-0.1415	-0.1984	-0.4587	-0.4587	-0.4587	-0.4587	-0.4587	-0.4587
0.875	*****	-0.1635	-0.1556	-0.2005	-0.4455	-0.4455	-0.4455	-0.4455	-0.4455	-0.4455
0.900	-0.0530	-0.1474	-0.1675	-0.2285	*****	*****	*****	*****	*****	*****
0.925	*****	-0.1296	-0.1610	-0.2389	-0.3908	-0.3908	-0.3908	-0.3908	-0.3908	-0.3908
0.950	-0.0162	-0.1029	-0.1433	-0.2266	-0.3838	-0.3838	-0.3838	-0.3838	-0.3838	-0.3838
0.975	*****	-0.0657	-0.1007	-0.1844	-0.3071	-0.3071	-0.3071	-0.3071	-0.3071	-0.3071
1.000	0.0913	0.0220	0.0111	-0.1271	-0.1637	-0.1637	-0.1637	-0.1637	-0.1637	-0.1637
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0235	0.0386	0.1250	0.1250	0.1250	0.1250	0.1250	0.1250	0.1250	0.1250
-0.600	-0.0037	0.0322	0.0836	0.0836	0.0836	0.0836	0.0836	0.0836	0.0836	0.0836
-0.700	-0.0153	0.0284	0.0605	0.0417	-0.6750	-0.6750	-0.6750	-0.6750	-0.6750	-0.6750
-0.800	*****	0.0160	0.0488	-0.0372	-0.6664	-0.6664	-0.6664	-0.6664	-0.6664	-0.6664
-0.850	*****	0.0082	0.0107	-0.0480	-0.6387	-0.6387	-0.6387	-0.6387	-0.6387	-0.6387
-0.900	0.0626	0.0451	0.0249	-0.0522	-0.6610	-0.6610	-0.6610	-0.6610	-0.6610	-0.6610
-0.950	0.0987	0.0798	0.0868	0.0026	-0.2624	-0.2624	-0.2624	-0.2624	-0.2624	-0.2624
-0.975	*****	0.1548	0.1394	0.0676	-0.1148	-0.1148	-0.1148	-0.1148	-0.1148	-0.1148
-1.000	0.1040	0.0415	0.0131	-0.1197	-0.1823	-0.1823	-0.1823	-0.1823	-0.1823	-0.1823

Small Radius L.E.

Run No. = 43 , Point No. = 898

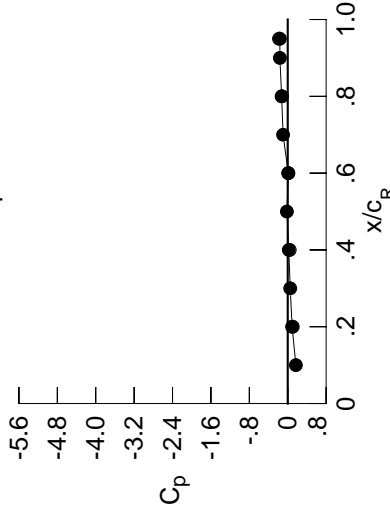
$C_N = 0.073$, $C_m = -0.0108$

$\alpha = 2.2^\circ$, $M_\infty = 0.900$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1699	*****
0.20	0.0913	0.1040
0.30	0.0516	*****
0.40	0.0220	0.0415
0.50	-0.0176	*****
0.60	0.0111	0.0131
0.70	-0.0970	*****
0.80	-0.1271	-0.1197
0.90	-0.1637	*****
0.95	-0.1637	-0.1823

Surface Pressures

● upper, starboard
○ lower, port

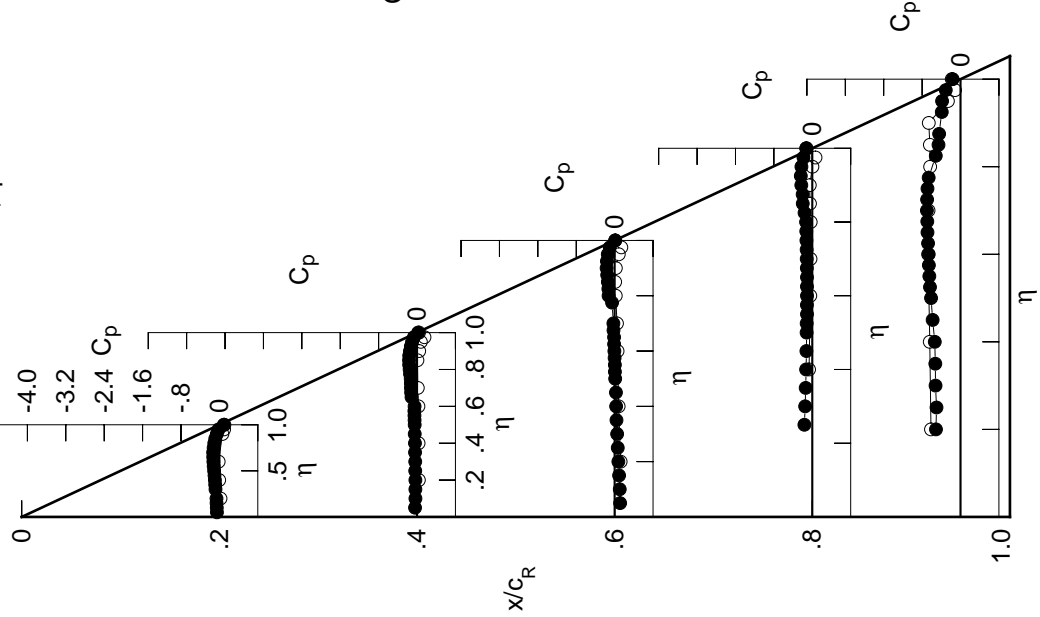


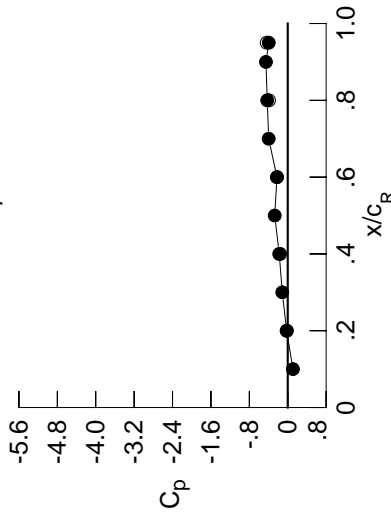
Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0673	-0.0486	0.1036	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0685	-0.0517	0.0944	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0735	-0.0484	0.0822	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0735	-0.0501	0.0666	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0524	0.0553	-0.1768	-0.4571	*****	*****	*****	*****	*****
0.300	-0.1050	-0.0530	0.0399	-0.1613	-0.4572	*****	*****	*****	*****	*****
0.350	-0.1107	-0.0562	0.0291	-0.1505	-0.4607	*****	*****	*****	*****	*****
0.400	-0.1164	-0.0602	0.0191	-0.1413	-0.4697	*****	*****	*****	*****	*****
0.450	-0.1235	-0.0649	0.0129	-0.1359	-0.5162	*****	*****	*****	*****	*****
0.500	-0.1311	-0.0667	-0.0026	-0.1324	-0.5509	*****	*****	*****	*****	*****
0.525	*****	-0.0719	-0.0079	-0.1315	-0.5844	*****	*****	*****	*****	*****
0.550	-0.1424	-0.0774	-0.0127	-0.1281	-0.6006	*****	*****	*****	*****	*****
0.575	*****	-0.0787	-0.0144	-0.1323	-0.6292	*****	*****	*****	*****	*****
0.600	-0.1530	-0.0787	-0.0217	-0.1285	-0.6372	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0268	-0.1268	-0.6611	*****	*****	*****	*****	*****
0.650	-0.1585	-0.0858	-0.0322	-0.1271	-0.6767	*****	*****	*****	*****	*****
0.675	*****	-0.1652	-0.0420	-0.1315	-0.6889	*****	*****	*****	*****	*****
0.700	-0.1628	-0.1713	-0.0496	-0.1341	-0.6902	*****	*****	*****	*****	*****
0.725	*****	-0.1734	*****	-0.1403	-0.6970	*****	*****	*****	*****	*****
0.750	-0.1572	-0.1736	*****	-0.1456	-0.6918	*****	*****	*****	*****	*****
0.775	*****	-0.1831	-0.0818	-0.1571	-0.6574	*****	*****	*****	*****	*****
0.800	-0.1457	-0.1950	-0.1212	-0.1657	*****	*****	*****	*****	*****	*****
0.825	*****	-0.2073	-0.1892	-0.1784	-0.4990	*****	*****	*****	*****	*****
0.850	-0.1287	-0.2140	-0.1946	-0.2127	-0.4138	*****	*****	*****	*****	*****
0.875	*****	-0.2177	-0.2066	-0.2525	-0.4206	*****	*****	*****	*****	*****
0.900	-0.1006	-0.2059	-0.2269	-0.2846	*****	*****	*****	*****	*****	*****
0.925	*****	-0.1934	-0.2274	-0.3051	-0.3611	*****	*****	*****	*****	*****
0.950	-0.0708	-0.1755	-0.2226	-0.3033	-0.3841	*****	*****	*****	*****	*****
0.975	*****	-0.1481	-0.1946	-0.2790	-0.3811	*****	*****	*****	*****	*****
1.000	-0.0231	-0.1769	-0.2245	-0.4271	-0.3953	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0447	0.0572	0.1418	*****	*****	-0.6119	*****	*****	*****	*****
-0.600	0.0248	0.0559	0.1004	-0.0504	-0.6423	*****	*****	*****	*****	*****
-0.700	0.0152	0.0517	0.0796	-0.0247	-0.6684	*****	*****	*****	*****	*****
-0.800	*****	0.0436	0.0693	-0.0154	-0.6567	*****	*****	*****	*****	*****
-0.850	*****	*****	0.0502	-0.0100	-0.6182	*****	*****	*****	*****	*****
-0.900	*****	0.0474	0.0468	-0.0187	-0.6228	*****	*****	*****	*****	*****
-0.950	0.0965	0.0846	0.0642	-0.0166	-0.6627	*****	*****	*****	*****	*****
-0.975	0.1307	0.1023	0.1257	0.0448	-0.2392	*****	*****	*****	*****	*****
-1.000	*****	0.1827	0.1707	0.1035	-0.0884	*****	*****	*****	*****	*****
	-0.0172	-0.1565	-0.2242	-0.3900	-0.4376	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 43 , Point No. = 899
 $C_N = 0.121$, $C_m = -0.0230$
 $\alpha = 3.2^\circ$, $M_\infty = 0.899$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1085	*****
0.20	-0.0231	-0.0172
0.30	-0.1136	*****
0.40	-0.1769	-0.1565
0.50	-0.2714	*****
0.60	-0.2245	-0.2242
0.70	-0.3968	*****
0.80	-0.4271	-0.3900
0.90	-0.4534	*****
0.95	-0.3953	-0.4376

Surface Pressures

● upper, starboard
 ○ lower, port

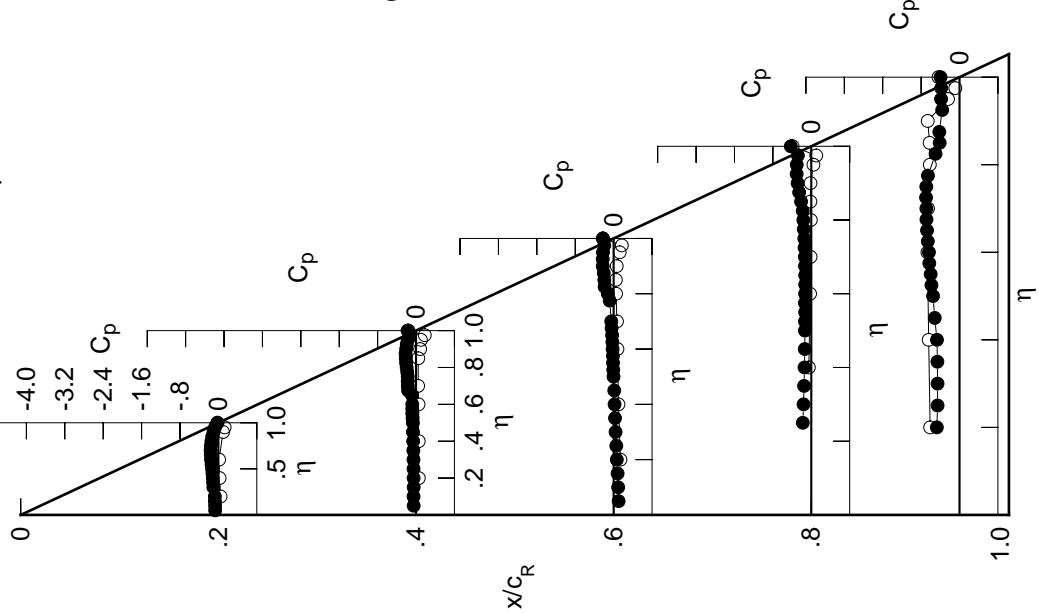


Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0927	-0.0668	0.0917	*****	*****	*****	*****	*****	*****	
0.100	-0.0817	-0.0669	0.0813	*****	*****	*****	*****	*****	*****	
0.150	-0.0938	-0.0659	0.0691	*****	*****	*****	*****	*****	*****	
0.200	-0.0918	-0.0677	0.0511	*****	*****	*****	*****	*****	*****	
0.250	*****	-0.0706	0.0412	-0.1972	-0.4448	-0.4816	-0.4816	-0.4816	-0.4816	
0.300	-0.1338	-0.0723	0.0271	-0.1807	-0.4256	-0.4448	-0.4448	-0.4448	-0.4448	
0.350	-0.1397	-0.0763	0.0114	-0.1689	-0.4463	-0.4463	-0.4463	-0.4463	-0.4463	
0.400	-0.1456	-0.0781	0.0040	-0.1608	-0.5120	-0.5120	-0.5120	-0.5120	-0.5120	
0.450	-0.1516	-0.0880	-0.0055	-0.1535	-0.5333	-0.5333	-0.5333	-0.5333	-0.5333	
0.500	-0.1580	-0.0876	-0.0201	-0.1526	-0.5566	-0.5566	-0.5566	-0.5566	-0.5566	
0.525	*****	-0.0945	-0.0286	-0.1526	-0.5749	-0.5749	-0.5749	-0.5749	-0.5749	
0.550	-0.1690	-0.1002	-0.0314	-0.1530	-0.5796	-0.5796	-0.5796	-0.5796	-0.5796	
0.575	*****	-0.1052	-0.0383	-0.1500	-0.5809	-0.5809	-0.5809	-0.5809	-0.5809	
0.600	-0.1807	-0.1058	-0.0484	-0.1506	-0.5802	-0.5802	-0.5802	-0.5802	-0.5802	
0.625	*****	*****	-0.0534	-0.1548	-0.5903	-0.5903	-0.5903	-0.5903	-0.5903	
0.650	-0.1907	-0.1172	-0.0644	-0.1551	-0.6055	-0.6055	-0.6055	-0.6055	-0.6055	
0.675	*****	-0.1304	-0.0753	-0.1627	-0.6047	-0.6047	-0.6047	-0.6047	-0.6047	
0.700	-0.1990	-0.1601	-0.0872	-0.1659	-0.6090	-0.6090	-0.6090	-0.6090	-0.6090	
0.725	*****	-0.2166	*****	-0.1733	-0.6159	-0.6159	-0.6159	-0.6159	-0.6159	
0.750	-0.1968	-0.2313	*****	-0.1810	-0.6239	-0.6239	-0.6239	-0.6239	-0.6239	
0.775	*****	-0.2439	-0.1371	-0.1924	-0.6105	-0.6105	-0.6105	-0.6105	-0.6105	
0.800	-0.1928	-0.2504	-0.1628	-0.2099	*****	*****	*****	*****	*****	
0.825	*****	-0.2636	-0.1965	-0.2201	-0.4969	-0.4969	-0.4969	-0.4969	-0.4969	
0.850	-0.1783	-0.2740	-0.2321	-0.2563	-0.4632	-0.4632	-0.4632	-0.4632	-0.4632	
0.875	*****	-0.2770	-0.2602	-0.2886	-0.4149	-0.4149	-0.4149	-0.4149	-0.4149	
0.900	-0.1568	-0.2700	-0.2905	-0.3392	*****	*****	*****	*****	*****	
0.925	*****	-0.2623	-0.2998	-0.3729	-0.5869	-0.5869	-0.5869	-0.5869	-0.5869	
0.950	-0.1359	-0.2513	-0.3074	-0.3880	-0.5185	-0.5185	-0.5185	-0.5185	-0.5185	
0.975	*****	-0.2247	-0.2971	-0.3897	-0.4837	-0.4837	-0.4837	-0.4837	-0.4837	
1.000	-0.1875	-0.4323	-0.5376	-0.6929	-0.7068	-0.7068	-0.7068	-0.7068	-0.7068	
-0.200	$C_{p,l}$	0.0736	0.1533	*****	-0.6251	-0.6251	-0.6251	-0.6251	-0.6251	
-0.400	$C_{p,l}$	0.0467	0.0753	0.1126	-0.0362	-0.6570	-0.6570	-0.6570	-0.6570	
-0.600	$C_{p,l}$	0.0424	0.0737	0.0976	-0.0108	-0.6608	-0.6608	-0.6608	-0.6608	
-0.700	$C_{p,l}$	*****	0.0688	0.0880	0.0007	-0.6449	-0.6449	-0.6449	-0.6449	
-0.800	$C_{p,l}$	*****	*****	0.0765	0.0103	-0.6064	-0.6064	-0.6064	-0.6064	
-0.850	$C_{p,l}$	*****	0.0823	0.0781	0.0067	-0.6026	-0.6026	-0.6026	-0.6026	
-0.900	$C_{p,l}$	0.1271	0.1189	0.1008	0.0181	-0.6419	-0.6419	-0.6419	-0.6419	
-0.950	$C_{p,l}$	-0.1582	0.1211	0.1561	0.0779	-0.2202	-0.2202	-0.2202	-0.2202	
-0.975	$C_{p,l}$	*****	0.1988	0.1905	0.1276	-0.0722	-0.0722	-0.0722	-0.0722	
-1.000	$C_{p,l}$	-0.1968	-0.4362	-0.5287	-0.6825	-0.7095	-0.7095	-0.7095	-0.7095	

Small Radius L.E.

Run No. = 43, Point No. = 900

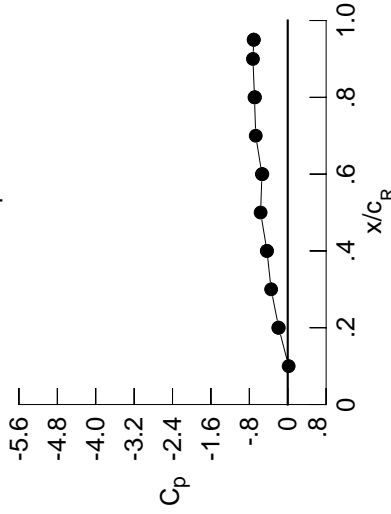
$C_N = 0.169$, $C_m = -0.0335$

$\alpha = 4.2^\circ$, $M_\infty = 0.901$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	0.0188	*****
0.20	-0.1875	-0.1968
0.30	-0.3459	*****
0.40	-0.4323	-0.4362
0.50	-0.5651	*****
0.60	-0.5376	-0.5287
0.70	-0.6666	*****
0.80	-0.6929	-0.6825
0.90	-0.7246	*****
0.95	-0.7068	-0.7095

Surface Pressures

- upper, starboard
- lower, port

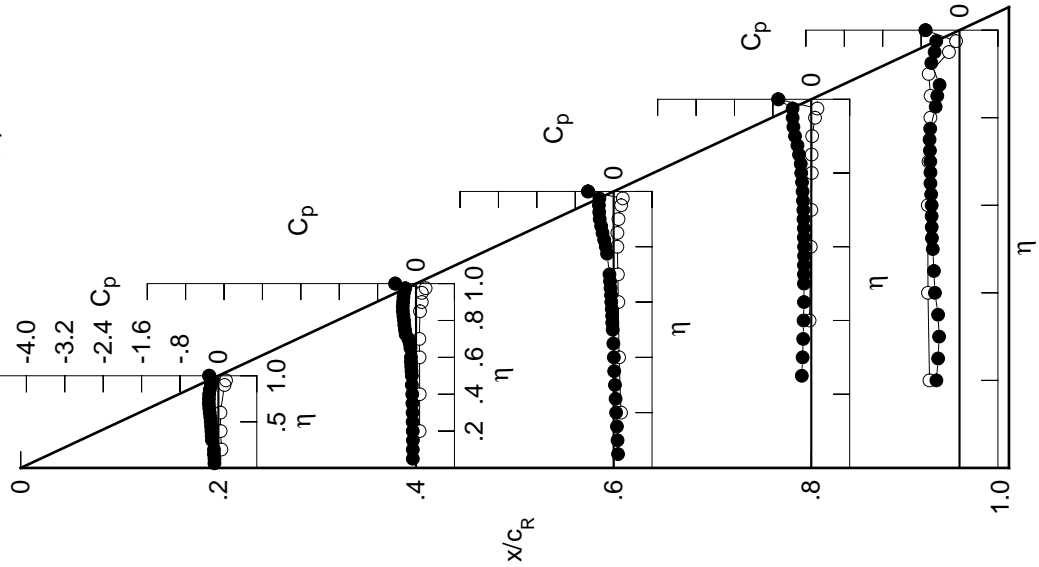
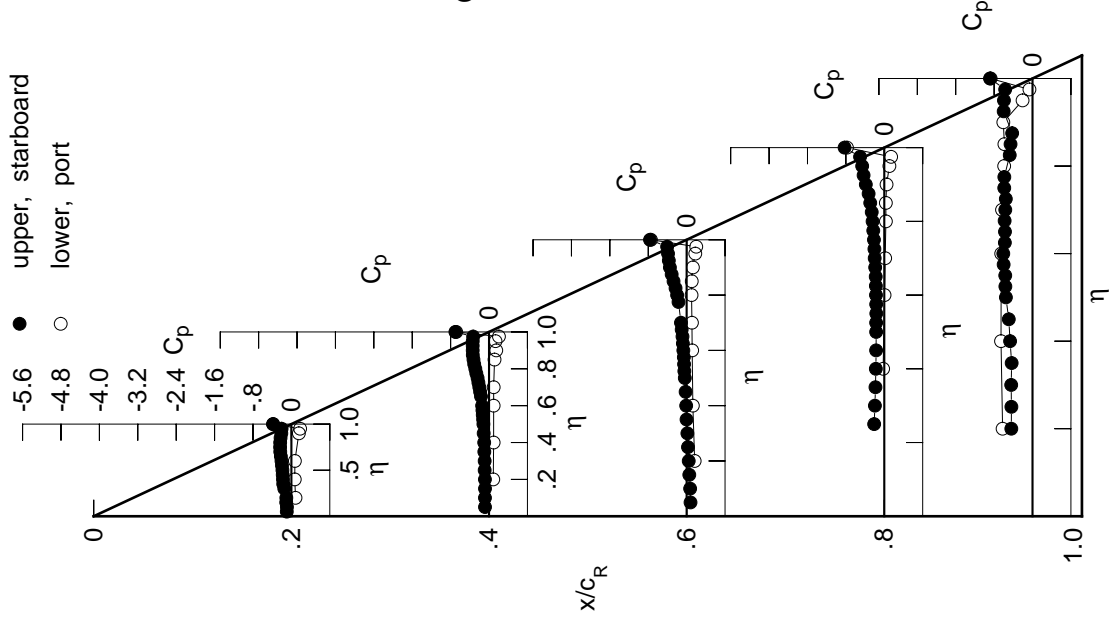


Table D6. Continued.

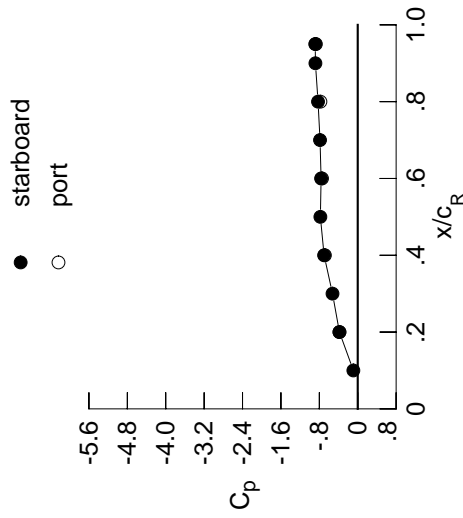
η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0963	-0.0842	0.0805	*****	*****
0.100	-0.0932	-0.0847	0.0725	*****	*****
0.150	-0.1078	-0.0843	0.0552	*****	*****
0.200	-0.1059	-0.0856	0.0435	*****	-0.4412
0.250	*****	-0.0909	0.0278	-0.2109	-0.4396
0.300	-0.1480	-0.0916	0.0153	-0.1949	-0.4442
0.350	-0.1703	-0.0981	-0.0023	-0.1839	-0.4347
0.400	-0.1754	-0.1007	-0.0096	-0.1758	-0.4673
0.450	-0.1811	-0.1117	-0.0220	-0.1702	-0.4945
0.500	-0.1863	-0.1177	-0.0386	-0.1695	-0.5545
0.525	*****	-0.1229	-0.0476	-0.1699	-0.5654
0.550	-0.1958	-0.1313	-0.0535	-0.1663	-0.5683
0.575	*****	-0.1379	-0.0586	-0.1688	-0.6012
0.600	-0.2067	-0.1437	-0.0685	-0.1726	-0.6092
0.625	*****	*****	-0.0787	-0.1749	-0.5756
0.650	-0.2196	-0.1671	-0.0865	-0.1788	-0.5736
0.675	*****	-0.1858	-0.1031	-0.1899	-0.5812
0.700	-0.2318	-0.2027	-0.1187	-0.1999	-0.5673
0.725	*****	-0.2219	*****	-0.2058	-0.5560
0.750	-0.2349	-0.2386	*****	-0.2150	-0.5892
0.775	*****	-0.2650	-0.1698	-0.2294	-0.5875
0.800	-0.2335	-0.2856	-0.1987	-0.2441	*****
0.825	*****	-0.3092	-0.2312	-0.2618	-0.4747
0.850	-0.2254	-0.3243	-0.2725	-0.2930	-0.4578
0.875	*****	-0.3383	-0.3116	-0.3266	-0.4242
0.900	-0.2093	-0.3397	-0.3485	-0.3849	*****
0.925	*****	-0.3403	-0.3715	-0.4313	-0.6011
0.950	-0.2040	-0.3389	-0.3877	-0.4605	-0.5951
0.975	*****	-0.3309	-0.4067	-0.5050	-0.5696
1.000	-0.3812	-0.7008	-0.7633	-0.8268	-0.8855
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0858	0.0884	0.1674	*****	-0.6231
-0.400	0.0705	0.0956	0.1296	-0.0240	-0.6562
-0.600	0.0724	0.0964	0.1152	0.0058	-0.6520
-0.700	*****	0.0965	0.1104	0.0185	-0.6351
-0.800	*****	*****	0.1023	0.0338	-0.5903
-0.850	*****	0.1145	0.1064	0.0326	-0.5860
-0.900	0.1560	0.1505	0.1305	0.0475	-0.6083
-0.950	0.1820	0.1351	0.1796	0.1062	-0.2068
-0.975	*****	0.2066	0.2000	0.1424	-0.0644
-1.000	-0.3797	-0.6836	-0.7442	-0.7772	-0.8721

Surface Pressures



Small Radius L.E.
 Run No. = 43, Point No. = 901
 $C_N = 0.212$, $C_m = -0.0399$
 $\alpha = 5.3^\circ$, $M_\infty = 0.901$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

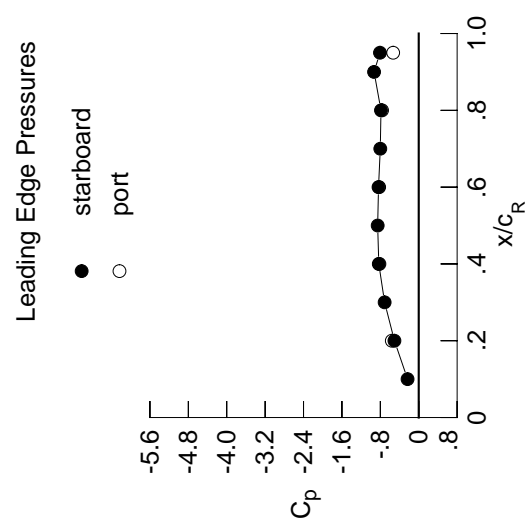


x/c_R	starb'd C_p	port C_p
0.10	-0.0909	*****
0.20	-0.3812	-0.3797
0.30	-0.5256	*****
0.40	-0.7008	-0.6836
0.50	-0.7781	*****
0.60	-0.7633	-0.7442
0.70	-0.7855	*****
0.80	-0.8268	-0.7772
0.90	-0.8813	*****
0.95	-0.8855	-0.8721

Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1043	-0.1023	0.0685	0.0685	0.0685	0.0685	0.0685	0.0685	0.0685	0.0685
0.100	-0.1030	-0.1036	0.0593	0.0593	0.0593	0.0593	0.0593	0.0593	0.0593	0.0593
0.150	-0.1183	-0.1035	0.0450	0.0450	0.0450	0.0450	0.0450	0.0450	0.0450	0.0450
0.200	-0.1144	-0.1033	0.0298	0.0298	0.0298	0.0298	0.0298	0.0298	0.0298	0.0298
0.250	0.0000	-0.1120	0.0152	0.0152	0.0152	0.0152	0.0152	0.0152	0.0152	0.0152
0.300	-0.1250	-0.1099	0.0027	0.0027	-0.2264	-0.2264	-0.4246	-0.4246	-0.4246	-0.4246
0.350	-0.1770	-0.1207	-0.0162	-0.0162	-0.1997	-0.1997	-0.3910	-0.3910	-0.3910	-0.3910
0.400	-0.2029	-0.1223	-0.0287	-0.0287	-0.1930	-0.1930	-0.4291	-0.4291	-0.4291	-0.4291
0.450	-0.2278	-0.1378	-0.0388	-0.0388	-0.1886	-0.1886	-0.4198	-0.4198	-0.4198	-0.4198
0.500	-0.2391	-0.1440	-0.0599	-0.0599	-0.1904	-0.1904	-0.4898	-0.4898	-0.4898	-0.4898
0.525	0.0000	-0.1533	-0.0692	-0.0692	-0.1893	-0.1893	-0.5541	-0.5541	-0.5541	-0.5541
0.550	-0.2437	-0.1601	-0.0769	-0.0769	-0.1870	-0.1870	-0.5567	-0.5567	-0.5567	-0.5567
0.575	0.0000	-0.1685	-0.0859	-0.0859	-0.1923	-0.1923	-0.5432	-0.5432	-0.5432	-0.5432
0.600	-0.2525	-0.1740	-0.0986	-0.0986	-0.2025	-0.2025	-0.5313	-0.5313	-0.5313	-0.5313
0.625	0.0000	0.0000	-0.1118	-0.1118	-0.2070	-0.2070	-0.5026	-0.5026	-0.5026	-0.5026
0.650	-0.2620	-0.1976	-0.1141	-0.1141	-0.2069	-0.2069	-0.4836	-0.4836	-0.4836	-0.4836
0.675	0.0000	-0.2186	-0.1328	-0.1328	-0.2164	-0.2164	-0.5033	-0.5033	-0.5033	-0.5033
0.700	-0.2718	-0.2340	-0.1448	-0.1448	-0.2302	-0.2302	-0.5684	-0.5684	-0.5684	-0.5684
0.725	0.0000	-0.2544	0.0000	0.0000	-0.2512	-0.2512	-0.6169	-0.6169	-0.6169	-0.6169
0.750	-0.2783	-0.2784	0.0000	0.0000	-0.2489	-0.2489	-0.6614	-0.6614	-0.6614	-0.6614
0.775	0.0000	-0.3067	-0.2084	-0.2084	-0.2508	-0.2508	-0.7097	-0.7097	-0.7097	-0.7097
0.800	-0.2735	-0.3327	-0.2353	-0.2353	-0.2700	-0.2700	0.0000	0.0000	0.0000	0.0000
0.825	0.0000	-0.3608	-0.2660	-0.2660	-0.2871	-0.2871	-0.7733	-0.7733	-0.7733	-0.7733
0.850	-0.2691	-0.3827	-0.3048	-0.3048	-0.3371	-0.3371	-0.7914	-0.7914	-0.7914	-0.7914
0.875	0.0000	-0.4037	-0.3443	-0.3443	-0.3713	-0.3713	-0.8012	-0.8012	-0.8012	-0.8012
0.900	-0.2519	-0.4072	-0.3922	-0.3922	-0.4413	-0.4413	0.0000	0.0000	0.0000	0.0000
0.925	0.0000	-0.4101	-0.4453	-0.4453	-0.5570	-0.5570	-0.9726	-0.9726	-0.9726	-0.9726
0.950	-0.2398	-0.4148	-0.5850	-0.5850	-0.6857	-0.6857	-0.7127	-0.7127	-0.7127	-0.7127
0.975	0.0000	-0.5451	-0.7578	-0.7578	-0.7758	-0.7758	-0.8070	-0.8070	-0.8070	-0.8070
1.000	-0.5060	-0.8320	-0.8378	-0.8378	-0.7864	-0.7864	-0.8075	-0.8075	-0.8075	-0.8075
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1038	0.1157	0.1840	0.1840	0.1840	0.1840	0.1840	0.1840	0.1840	0.1840
-0.600	0.0954	0.1164	0.1467	0.1467	0.0078	0.0078	-0.6519	-0.6519	-0.6519	-0.6519
-0.700	0.1023	0.1181	0.1346	0.1346	0.0242	0.0242	-0.6407	-0.6407	-0.6407	-0.6407
-0.800	0.1226	0.1226	0.1301	0.1301	0.0368	0.0368	-0.6259	-0.6259	-0.6259	-0.6259
-0.850	0.1450	0.1450	0.1277	0.1277	0.0464	0.0464	-0.5753	-0.5753	-0.5753	-0.5753
-0.900	0.1837	0.1784	0.1348	0.1348	0.0565	0.0565	-0.5682	-0.5682	-0.5682	-0.5682
-0.950	0.2060	0.1453	0.1593	0.1593	0.0795	0.0795	-0.5872	-0.5872	-0.5872	-0.5872
-0.975	0.2067	0.2067	0.1988	0.1988	0.1287	0.1287	-0.1883	-0.1883	-0.1883	-0.1883
-1.000	-0.5605	-0.8193	-0.8250	-0.8250	-0.7643	-0.7643	-0.5330	-0.5330	-0.5330	-0.5330

Small Radius L.E.
 Run No. = 43 , Point No. = 902
 $C_N = 0.263$, $C_m = -0.0505$
 $\alpha = 6.3^\circ$, $M_\infty = 0.900$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.2326	0.0000
0.20	-0.5060	-0.5605
0.30	-0.7107	0.0000
0.40	-0.8320	-0.8193
0.50	-0.8556	0.0000
0.60	-0.8378	-0.8250
0.70	-0.8009	0.0000
0.80	-0.7864	-0.7643
0.90	-0.9304	0.0000
0.95	-0.8075	-0.5330

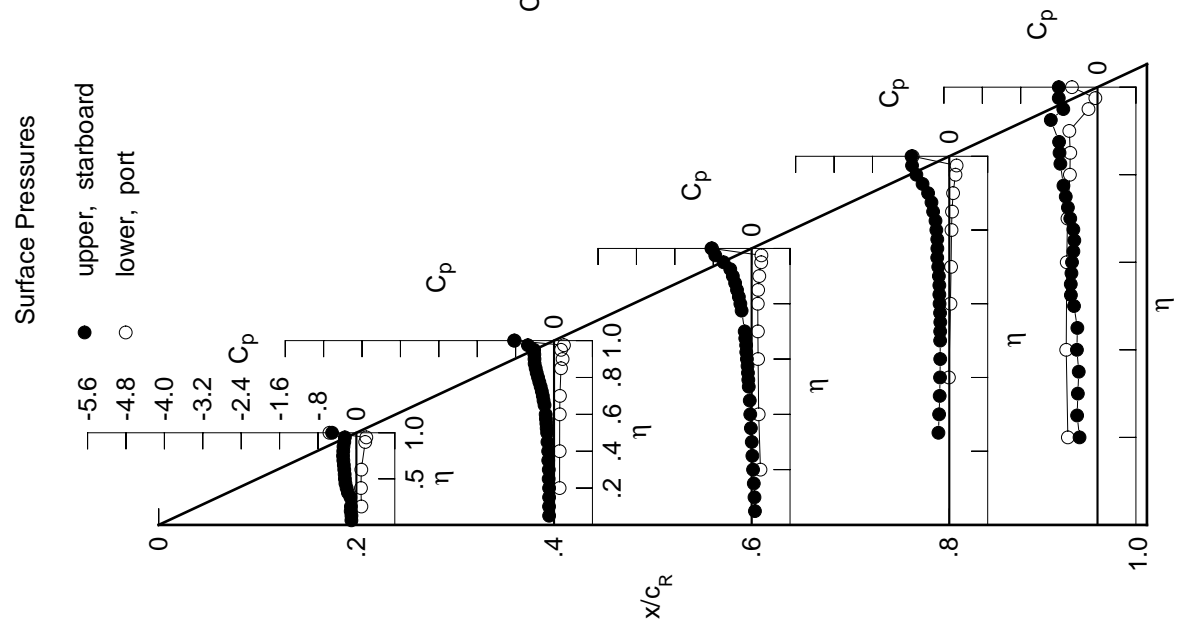
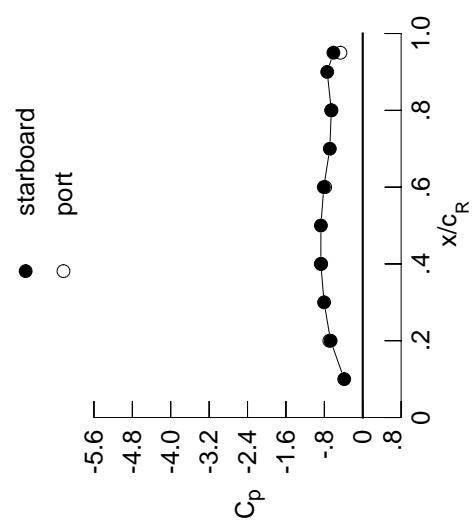


Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1257	-0.1212	0.0556	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1258	-0.1240	0.0449	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1391	-0.1244	0.0311	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1429	-0.1252	0.0158	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1290	0.0014	-0.2470	-0.3448	*****	*****	*****	*****	*****
0.300	-0.1536	-0.1317	-0.0168	-0.2298	-0.3213	*****	*****	*****	*****	*****
0.350	-0.1711	-0.1433	-0.0303	-0.2195	-0.3539	*****	*****	*****	*****	*****
0.400	-0.1875	-0.1511	-0.0475	-0.2135	-0.3658	*****	*****	*****	*****	*****
0.450	-0.2048	-0.1619	-0.0628	-0.2145	-0.3695	*****	*****	*****	*****	*****
0.500	-0.2227	-0.1753	-0.0855	-0.2238	-0.2983	*****	*****	*****	*****	*****
0.525	*****	-0.1818	-0.0937	-0.2262	-0.2939	*****	*****	*****	*****	*****
0.550	*****	-0.1911	-0.1023	-0.2199	-0.2941	*****	*****	*****	*****	*****
0.575	*****	-0.2003	-0.1114	-0.2159	-0.3338	*****	*****	*****	*****	*****
0.600	-0.2638	-0.2063	-0.1304	-0.2180	-0.4128	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1392	-0.2172	-0.5603	*****	*****	*****	*****	*****
0.650	-0.2814	-0.2331	-0.1447	-0.2136	-0.6786	*****	*****	*****	*****	*****
0.675	*****	-0.2527	-0.1552	-0.2137	-0.7235	*****	*****	*****	*****	*****
0.700	-0.3013	-0.2720	-0.1616	-0.2127	-0.7248	*****	*****	*****	*****	*****
0.725	*****	-0.2905	*****	-0.2077	-0.7019	*****	*****	*****	*****	*****
0.750	-0.3115	-0.3113	*****	-0.2023	-0.7210	*****	*****	*****	*****	*****
0.775	*****	-0.3421	-0.2110	-0.1969	-0.8840	*****	*****	*****	*****	*****
0.800	-0.3141	-0.3719	-0.2635	-0.3577	*****	*****	*****	*****	*****	*****
0.825	*****	-0.4029	-0.2967	-0.6251	-1.0353	*****	*****	*****	*****	*****
0.850	-0.3186	-0.4263	-0.3809	-0.7022	-0.8126	*****	*****	*****	*****	*****
0.875	*****	-0.4428	-0.5211	-0.6945	-0.6694	*****	*****	*****	*****	*****
0.900	-0.3178	-0.4607	-0.6628	-0.6872	*****	*****	*****	*****	*****	*****
0.925	*****	-0.5381	-0.7432	-0.6625	-0.8053	*****	*****	*****	*****	*****
0.950	-0.3193	-0.6979	-0.7829	-0.6556	-0.7427	*****	*****	*****	*****	*****
0.975	*****	-0.8430	-0.7727	-0.6585	-0.6941	*****	*****	*****	*****	*****
1.000	-0.6694	-0.8728	-0.8114	-0.6548	-0.6102	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1285	0.1360	0.1996	*****	-0.6117	*****	*****	*****	*****	*****
-0.600	0.1228	0.1399	0.1645	0.0083	-0.6468	*****	*****	*****	*****	*****
-0.700	0.1320	0.1431	0.1538	0.0406	-0.6323	*****	*****	*****	*****	*****
-0.800	*****	0.1489	0.1527	0.0543	-0.6147	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1521	0.0720	-0.5660	*****	*****	*****	*****	*****
-0.900	0.2078	0.2025	0.1846	0.0975	-0.5663	*****	*****	*****	*****	*****
-0.950	0.2267	0.1512	0.2162	0.1459	-0.1838	*****	*****	*****	*****	*****
-0.975	*****	0.2050	0.2077	0.1596	-0.0469	*****	*****	*****	*****	*****
-1.000	-0.6961	-0.8653	-0.7825	-0.6536	-0.4639	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 43, Point No. = 903
 $C_N = 0.323$, $C_m = -0.0652$
 $\alpha = 7.3^\circ$, $M_\infty = 0.900$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.3860	*****
0.20	-0.6694	-0.6961
0.30	-0.8054	*****
0.40	-0.8728	-0.8653
0.50	-0.8713	*****
0.60	-0.8114	-0.7825
0.70	-0.6859	*****
0.80	-0.6548	-0.6536
0.90	-0.7398	*****
0.95	-0.6102	-0.4639

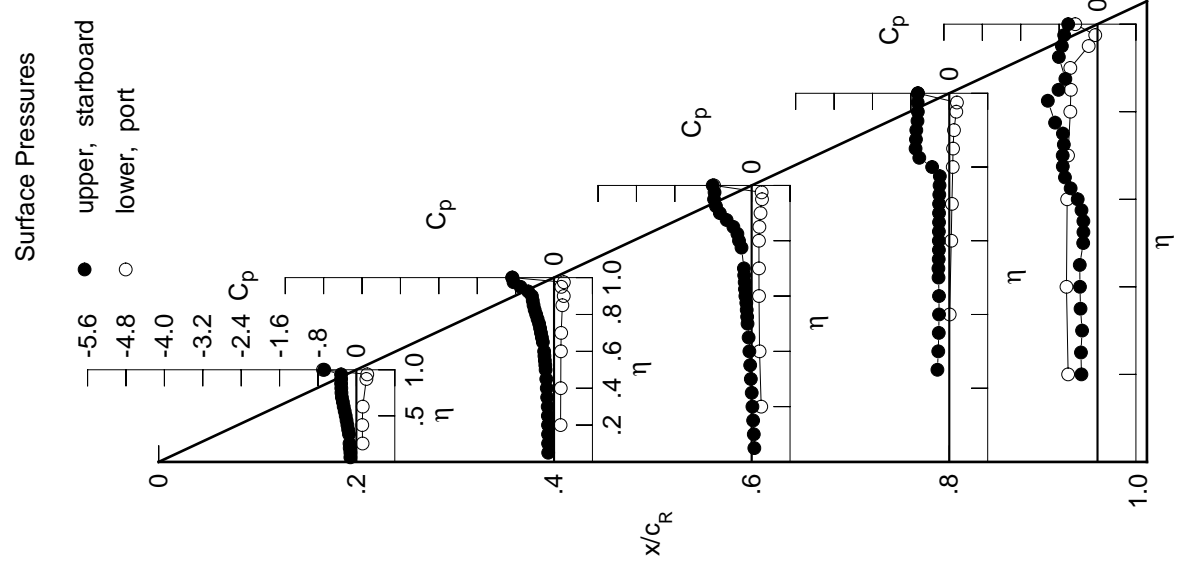
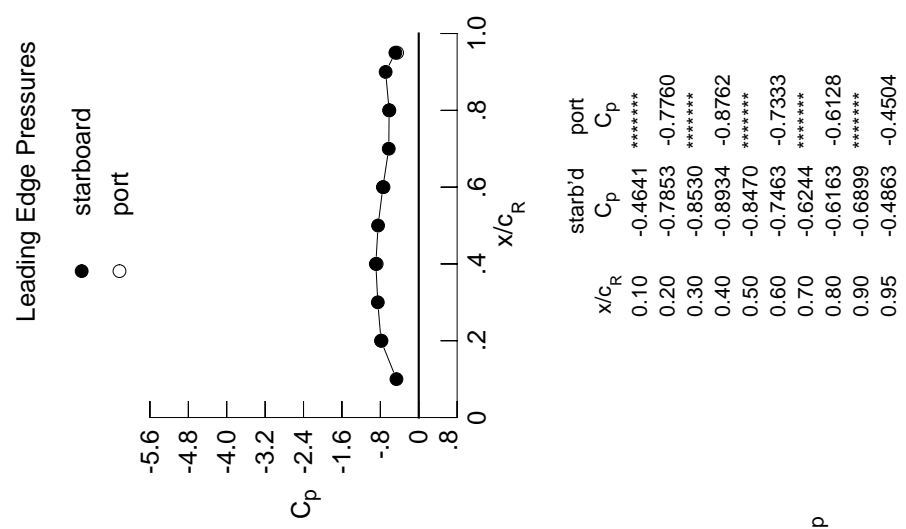


Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1508	-0.1428	0.0380	0.0380	0.0380	0.0380	0.0380	0.0380	0.0380	0.0380
0.100	-0.1523	-0.1463	0.0306	0.0306	0.0306	0.0306	0.0306	0.0306	0.0306	0.0306
0.150	-0.1643	-0.1471	0.0147	0.0147	0.0147	0.0147	0.0147	0.0147	0.0147	0.0147
0.200	-0.1710	-0.1489	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009
0.250	*****	-0.1544	-0.0154	-0.0154	-0.0154	-0.0154	-0.0154	-0.0154	-0.0154	-0.0154
0.300	-0.1798	-0.1579	-0.0365	-0.0365	-0.0365	-0.0365	-0.0365	-0.0365	-0.0365	-0.0365
0.350	-0.1953	-0.1698	-0.0542	-0.0542	-0.0542	-0.0542	-0.0542	-0.0542	-0.0542	-0.0542
0.400	-0.2133	-0.1841	-0.0720	-0.0720	-0.0720	-0.0720	-0.0720	-0.0720	-0.0720	-0.0720
0.450	-0.2320	-0.1948	-0.0912	-0.0912	-0.0912	-0.0912	-0.0912	-0.0912	-0.0912	-0.0912
0.500	-0.2507	-0.2070	-0.1138	-0.1138	-0.1138	-0.1138	-0.1138	-0.1138	-0.1138	-0.1138
0.525	*****	-0.2155	-0.1183	-0.1183	-0.1183	-0.1183	-0.1183	-0.1183	-0.1183	-0.1183
0.550	-0.2744	-0.2253	-0.1183	-0.1183	-0.1183	-0.1183	-0.1183	-0.1183	-0.1183	-0.1183
0.575	*****	-0.2336	-0.1191	-0.1191	-0.1191	-0.1191	-0.1191	-0.1191	-0.1191	-0.1191
0.600	-0.2976	-0.2378	-0.1238	-0.1238	-0.1238	-0.1238	-0.1238	-0.1238	-0.1238	-0.1238
0.625	*****	*****	-0.1329	-0.1329	-0.1329	-0.1329	-0.1329	-0.1329	-0.1329	-0.1329
0.650	-0.3158	-0.2670	-0.1435	-0.1435	-0.1435	-0.1435	-0.1435	-0.1435	-0.1435	-0.1435
0.675	*****	-0.2922	-0.1487	-0.1487	-0.1487	-0.1487	-0.1487	-0.1487	-0.1487	-0.1487
0.700	-0.3386	-0.3094	-0.1469	-0.1469	-0.1469	-0.1469	-0.1469	-0.1469	-0.1469	-0.1469
0.725	*****	-0.3239	*****	*****	-0.1800	-0.1800	-0.1800	-0.1800	-0.1800	-0.1800
0.750	-0.3633	-0.3486	*****	*****	-0.3385	-0.3385	-1.0310	-1.0310	-1.0310	-1.0310
0.775	*****	-0.3728	-0.2408	-0.6886	-1.1148	-1.1148	-1.1148	-1.1148	-1.1148	-1.1148
0.800	-0.3812	-0.3926	-0.5839	-0.8336	*****	*****	*****	*****	*****	*****
0.825	*****	-0.4246	-0.7381	-0.8529	-0.7514	-0.7514	-0.7514	-0.7514	-0.7514	-0.7514
0.850	-0.3820	-0.4930	-0.7963	-0.8159	-0.6670	-0.6670	-0.6670	-0.6670	-0.6670	-0.6670
0.875	*****	-0.6194	-0.8052	-0.7316	-0.5924	-0.5924	-0.5924	-0.5924	-0.5924	-0.5924
0.900	-0.3793	-0.7417	-0.7934	-0.6706	*****	*****	*****	*****	*****	*****
0.925	*****	-0.8321	-0.7606	-0.6342	-0.6410	-0.6410	-0.6410	-0.6410	-0.6410	-0.6410
0.950	-0.4090	-0.8836	-0.7335	-0.6206	-0.6271	-0.6271	-0.6271	-0.6271	-0.6271	-0.6271
0.975	*****	-0.8681	-0.7157	-0.6186	-0.5574	-0.5574	-0.5574	-0.5574	-0.5574	-0.5574
1.000	-0.7853	-0.8934	-0.7463	-0.6163	-0.4863	-0.4863	-0.4863	-0.4863	-0.4863	-0.4863
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1475	0.1553	0.2142	0.2142	0.2142	0.2142	0.2142	0.2142	0.2142	0.2142
-0.600	0.1416	0.1583	0.1810	0.1810	0.0210	0.0210	0.0210	0.0210	0.0210	0.0210
-0.700	0.1557	0.1656	0.1700	0.0536	-0.6255	-0.6255	-0.6255	-0.6255	-0.6255	-0.6255
-0.800	*****	0.1729	0.1705	0.0676	-0.6055	-0.6055	-0.6055	-0.6055	-0.6055	-0.6055
-0.850	*****	*****	0.1734	0.0869	-0.5565	-0.5565	-0.5565	-0.5565	-0.5565	-0.5565
-0.900	*****	0.1989	0.1812	0.0967	-0.5431	-0.5431	-0.5431	-0.5431	-0.5431	-0.5431
-0.950	0.2307	0.2245	0.2064	0.1198	-0.5493	-0.5493	-0.5493	-0.5493	-0.5493	-0.5493
-0.975	0.2439	0.1557	0.2279	0.1572	-0.1816	-0.1816	-0.1816	-0.1816	-0.1816	-0.1816
-1.000	*****	0.2014	0.2069	0.1610	-0.0526	-0.0526	-0.0526	-0.0526	-0.0526	-0.0526
	-0.7760	-0.8762	-0.7333	-0.6128	-0.4504	-0.4504	-0.4504	-0.4504	-0.4504	-0.4504

Small Radius L.E.
 Run No. = 43 , Point No. = 904
 $C_N = 0.376$, $C_m = -0.0751$
 $\alpha = 8.3^\circ$, $M_\infty = 0.901$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.4641	*****
0.20	-0.7853	-0.7760
0.30	-0.8530	*****
0.40	-0.8934	-0.8762
0.50	-0.8470	*****
0.60	-0.7463	-0.7333
0.70	-0.6244	*****
0.80	-0.6163	-0.6128
0.90	-0.6899	*****
0.95	-0.4863	-0.4504

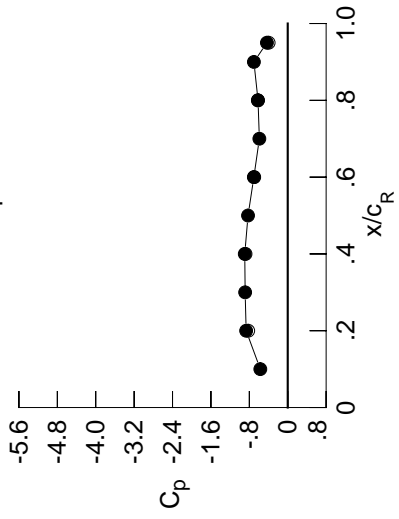
Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1673	-0.1637	0.0212	0.0212	0.0212	0.0212	0.0212	0.0212	0.0212	0.0212
0.100	-0.1724	-0.1655	0.0133	0.0133	0.0133	0.0133	0.0133	0.0133	0.0133	0.0133
0.150	-0.1841	-0.1684	-0.0033	-0.0033	-0.0033	-0.0033	-0.0033	-0.0033	-0.0033	-0.0033
0.200	-0.1904	-0.1691	-0.0187	-0.0187	-0.0187	-0.0187	-0.0187	-0.0187	-0.0187	-0.0187
0.250	*****	-0.1780	-0.0358	-0.0358	-0.0358	-0.0358	-0.0358	-0.0358	-0.0358	-0.0358
0.300	-0.2007	-0.1818	-0.0622	-0.0622	-0.0622	-0.0622	-0.0622	-0.0622	-0.0622	-0.0622
0.350	-0.2179	-0.2004	-0.0913	-0.0913	-0.0913	-0.0913	-0.0913	-0.0913	-0.0913	-0.0913
0.400	-0.2371	-0.2145	-0.0960	-0.0960	-0.0960	-0.0960	-0.0960	-0.0960	-0.0960	-0.0960
0.450	-0.2542	-0.2248	-0.1059	-0.1059	-0.1059	-0.1059	-0.1059	-0.1059	-0.1059	-0.1059
0.500	-0.2733	-0.2289	-0.1114	-0.1114	-0.1114	-0.1114	-0.1114	-0.1114	-0.1114	-0.1114
0.525	*****	-0.2347	-0.1181	-0.1181	-0.1181	-0.1181	-0.1181	-0.1181	-0.1181	-0.1181
0.550	-0.2969	-0.2417	-0.1190	-0.1190	-0.1190	-0.1190	-0.1190	-0.1190	-0.1190	-0.1190
0.575	*****	-0.2478	-0.1253	-0.1253	-0.1253	-0.1253	-0.1253	-0.1253	-0.1253	-0.1253
0.600	-0.3210	-0.2464	-0.1291	-0.1291	-0.1291	-0.1291	-0.1291	-0.1291	-0.1291	-0.1291
0.625	*****	*****	-0.1300	-0.1300	-0.1300	-0.1300	-0.1300	-0.1300	-0.1300	-0.1300
0.650	-0.3491	-0.2706	-0.1287	-0.1287	-0.1287	-0.1287	-0.1287	-0.1287	-0.1287	-0.1287
0.675	*****	-0.2899	-0.1237	-0.1237	-0.1237	-0.1237	-0.1237	-0.1237	-0.1237	-0.1237
0.700	-0.3785	-0.3192	-0.1023	-0.1023	-0.1023	-0.1023	-0.1023	-0.1023	-0.1023	-0.1023
0.725	*****	-0.3249	*****	-0.5207	-1.0796	*****	*****	*****	*****	*****
0.750	-0.3977	-0.3311	*****	-0.7903	-1.1275	*****	*****	*****	*****	*****
0.775	*****	-0.4197	-0.8814	-0.9265	-0.7543	*****	*****	*****	*****	*****
0.800	-0.4037	-0.6007	-0.9375	-0.9354	*****	*****	*****	*****	*****	*****
0.825	*****	-0.7377	-0.9232	-0.9051	-0.6046	*****	*****	*****	*****	*****
0.850	-0.4038	-0.8277	-0.8908	-0.7731	-0.5659	*****	*****	*****	*****	*****
0.875	*****	-0.8830	-0.8308	-0.7008	-0.5574	*****	*****	*****	*****	*****
0.900	-0.5285	-0.8953	-0.7643	-0.6787	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9000	-0.7217	-0.6316	-0.5895	*****	*****	*****	*****	*****
0.950	-0.7074	-0.8895	-0.6959	-0.6331	-0.5484	*****	*****	*****	*****	*****
0.975	*****	-0.8652	-0.6834	-0.6281	-0.4973	*****	*****	*****	*****	*****
1.000	-0.8663	-0.8953	-0.7056	-0.6188	-0.4333	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1753	0.1798	0.2316	0.2316	0.2316	0.2316	0.2316	0.2316	0.2316	0.2316
-0.600	0.1686	0.1816	0.2006	0.0351	-0.6331	0.1686	0.1816	0.2006	0.0351	-0.6331
-0.700	0.1849	0.1914	0.1896	0.0713	-0.6169	0.1849	0.1914	0.1896	0.0713	-0.6169
-0.800	0.2002	0.2002	0.1901	0.0836	-0.5947	0.2002	0.2002	0.1901	0.0836	-0.5947
-0.850	0.2253	0.2253	0.2043	0.1139	-0.5299	0.2253	0.2253	0.2043	0.1139	-0.5299
-0.900	0.2534	0.2448	0.2250	0.1350	-0.5248	0.2534	0.2448	0.2250	0.1350	-0.5248
-0.950	0.2606	0.1599	0.2383	0.1660	-0.1719	0.2606	0.1599	0.2383	0.1660	-0.1719
-0.975	0.1969	0.2042	0.1587	-0.0473	*****	0.1969	0.2042	0.1587	-0.0473	*****
-1.000	-0.8230	-0.8791	-0.6985	-0.6222	-0.3975	-0.8230	-0.8791	-0.6985	-0.6222	-0.3975

Small Radius L.E.
 Run No. = 43 , Point No. = 905
 $C_N = 0.435$, $C_m = -0.0871$
 $\alpha = 9.4^\circ$, $M_\infty = 0.902$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.5711	*****
0.20	-0.8663	-0.8230
0.30	-0.8871	*****
0.40	-0.8953	-0.8791
0.50	-0.8270	*****
0.60	-0.7056	-0.6985
0.70	-0.5911	*****
0.80	-0.6188	-0.6222
0.90	-0.7046	*****
0.95	-0.4333	-0.3975

Surface Pressures

● upper, starboard
 ○ lower, port

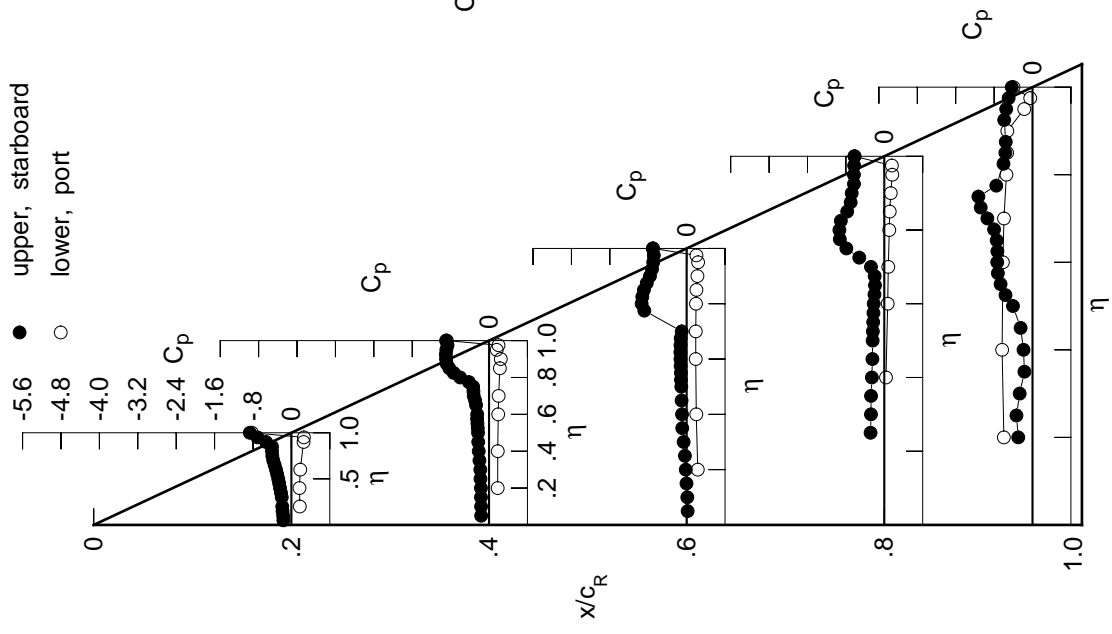


Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1870	-0.1884	0.0026	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1906	-0.1906	-0.0083	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2035	-0.1889	-0.0239	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2103	-0.1971	-0.0415	*****	*****	*****	*****	*****	*****	-0.3684
0.250	*****	-0.2064	-0.0644	-0.3099	-0.3099	-0.3099	-0.3057	*****	*****	*****
0.300	-0.2244	-0.2144	-0.0941	-0.3094	-0.3094	-0.3094	-0.2004	*****	*****	*****
0.350	-0.2460	-0.2275	-0.1105	-0.2868	-0.2868	-0.2868	-0.1778	*****	*****	*****
0.400	-0.2623	-0.2386	-0.1049	-0.2722	-0.2722	-0.2722	-0.1822	*****	*****	*****
0.450	-0.2765	-0.2510	-0.1104	-0.2645	-0.2645	-0.2645	-0.2537	*****	*****	*****
0.500	-0.2947	-0.2505	-0.1268	-0.2572	-0.2572	-0.2572	-0.4259	*****	*****	*****
0.525	*****	-0.2505	-0.1338	-0.2517	-0.2517	-0.2517	-0.5914	*****	*****	*****
0.550	-0.3244	-0.2544	-0.1361	-0.2413	-0.2413	-0.2413	-0.6946	*****	*****	*****
0.575	*****	-0.2567	-0.1311	-0.2341	-0.2341	-0.2341	-0.7415	*****	*****	*****
0.600	-0.3571	-0.2577	-0.1348	-0.2296	-0.2296	-0.2296	-0.7533	*****	*****	*****
0.625	*****	*****	-0.1233	-0.2286	-0.2286	-0.2286	-0.7871	*****	*****	*****
0.650	-0.3813	-0.2606	-0.1178	-0.2618	-0.2618	-0.2618	-0.8654	*****	*****	*****
0.675	*****	-0.2504	-0.1441	-0.3807	-0.3807	-0.3807	-0.9866	*****	*****	*****
0.700	-0.3983	-0.2282	-0.3079	-0.6032	-1.1142	*****	*****	*****	*****	*****
0.725	*****	-0.3207	*****	-0.8456	-0.8877	*****	*****	*****	*****	*****
0.750	-0.4092	-0.6892	*****	-1.0009	-0.7314	*****	*****	*****	*****	*****
0.775	*****	-0.8970	-1.0430	-1.0510	-0.6488	*****	*****	*****	*****	*****
0.800	-0.4231	-0.9588	-1.0200	-0.8661	*****	*****	*****	*****	*****	*****
0.825	*****	-0.9706	-0.9938	-0.7759	-0.5621	*****	*****	*****	*****	*****
0.850	-0.5778	-0.9667	-0.9415	-0.7718	-0.5437	*****	*****	*****	*****	*****
0.875	*****	-0.9553	-0.8315	-0.7409	-0.5580	*****	*****	*****	*****	*****
0.900	-0.7777	-0.9241	-0.7681	-0.6869	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9070	-0.7251	-0.6623	-0.5630	*****	*****	*****	*****	*****
0.950	-0.8864	-0.8919	-0.6953	-0.6779	-0.5031	*****	*****	*****	*****	*****
0.975	*****	-0.8741	-0.6749	-0.6709	-0.4307	*****	*****	*****	*****	*****
1.000	-0.8914	-0.8981	-0.6969	-0.6632	-0.3848	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2019	0.2045	0.2474	*****	-0.5921	*****	*****	*****	*****	*****
-0.600	0.1973	0.2070	0.2169	0.0527	-0.6277	*****	*****	*****	*****	*****
-0.700	0.2143	0.2155	0.2096	0.0856	-0.6065	*****	*****	*****	*****	*****
-0.800	*****	0.2257	0.2100	0.0986	-0.5866	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2148	0.1220	-0.5320	*****	*****	*****	*****	*****
-0.900	*****	0.2492	0.2241	0.1299	-0.5179	*****	*****	*****	*****	*****
-0.950	0.2750	0.2641	0.2426	0.1506	-0.5009	*****	*****	*****	*****	*****
-0.975	0.2755	0.1651	0.2431	0.1735	-0.1641	*****	*****	*****	*****	*****
-1.000	*****	0.1898	0.1985	0.1517	-0.0430	*****	*****	*****	*****	*****
	-0.8594	-0.8990	-0.6943	-0.6730	-0.3654	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 43 , Point No. = 906
 $C_N = 0.495$, $C_m = -0.0995$
 $\alpha = 10.4^\circ$, $M_\infty = 0.900$
 $R_{mac} = 6.0 \times 10^6$

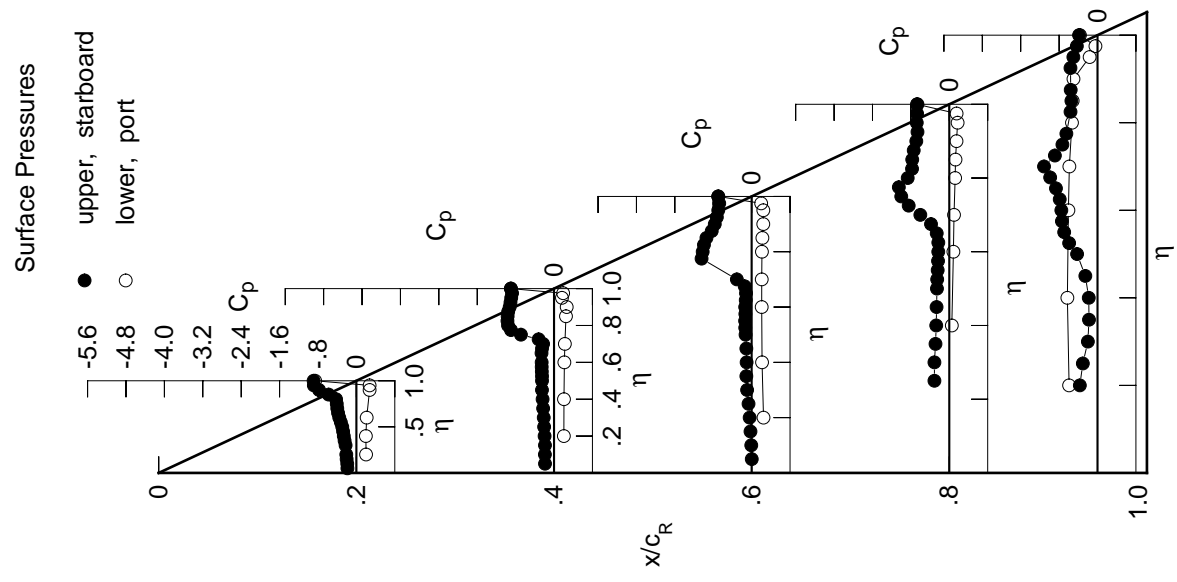
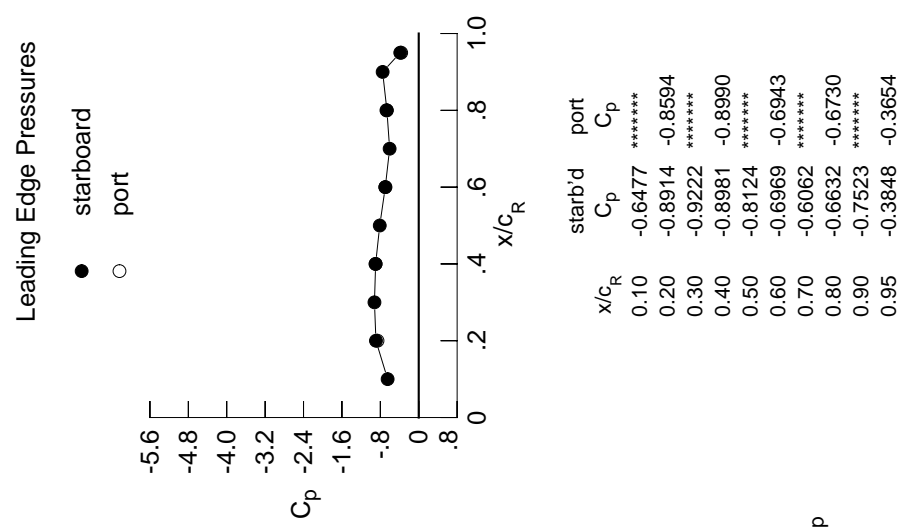


Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2028	-0.2147	-0.0142	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2099	-0.2136	-0.0224	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2214	-0.2159	-0.0403	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2319	-0.2254	-0.0681	*****	*****	*****	*****	*****	*****	-0.3591
0.250	*****	-0.2414	-0.0892	-0.3342	-0.3342	-0.3342	-0.3342	-0.3342	-0.3342	-0.2258
0.300	-0.2449	-0.2448	-0.1025	-0.3143	-0.3143	-0.3143	-0.3143	-0.3143	-0.3143	-0.1943
0.350	-0.2604	-0.2458	-0.1085	-0.2967	-0.2967	-0.2967	-0.2967	-0.2967	-0.2967	-0.1812
0.400	-0.2877	-0.2514	-0.1152	-0.2845	-0.2845	-0.2845	-0.2845	-0.2845	-0.2845	-0.2130
0.450	-0.3049	-0.2641	-0.1179	-0.2749	-0.2749	-0.2749	-0.2749	-0.2749	-0.2749	-0.3221
0.500	-0.3180	-0.2623	-0.1356	-0.2660	-0.2660	-0.2660	-0.2660	-0.2660	-0.2660	-0.5713
0.525	*****	-0.2617	-0.1385	-0.2601	-0.2601	-0.2601	-0.2601	-0.2601	-0.2601	-0.7013
0.550	-0.3413	-0.2648	-0.1353	-0.2521	-0.2521	-0.2521	-0.2521	-0.2521	-0.2521	-0.7515
0.575	*****	-0.2651	-0.1301	-0.2532	-0.2532	-0.2532	-0.2532	-0.2532	-0.2532	-0.7812
0.600	-0.3678	-0.2579	-0.1352	-0.2672	-0.2672	-0.2672	-0.2672	-0.2672	-0.2672	-0.8199
0.625	*****	*****	-0.1476	-0.3172	-0.3172	-0.3172	-0.3172	-0.3172	-0.3172	-0.9038
0.650	-0.3908	-0.2144	-0.2467	-0.4358	-1.0204	-1.0204	-1.0204	-1.0204	-1.0204	-1.0204
0.675	*****	-0.2029	-0.5016	-0.6406	-1.1234	-1.1234	-1.1234	-1.1234	-1.1234	-1.1234
0.700	-0.3989	-0.5075	-0.8214	-0.8665	-0.7906	-0.7906	-0.7906	-0.7906	-0.7906	-0.7906
0.725	*****	-0.9378	*****	-1.0446	-0.7259	-0.7259	-0.7259	-0.7259	-0.7259	-0.7259
0.750	-0.4212	-1.0707	*****	-1.1242	-0.6541	-0.6541	-0.6541	-0.6541	-0.6541	-0.6541
0.775	*****	-1.0938	-1.0956	-0.8913	-0.5892	-0.5892	-0.5892	-0.5892	-0.5892	-0.5892
0.800	-0.6326	-1.0710	-1.0698	-0.7864	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0377	-0.9841	-0.7604	-0.5480	-0.5480	-0.5480	-0.5480	-0.5480	-0.5480
0.850	-0.8355	-1.0009	-0.8780	-0.7738	-0.5313	-0.5313	-0.5313	-0.5313	-0.5313	-0.5313
0.875	*****	-0.9651	-0.8155	-0.7438	-0.5451	-0.5451	-0.5451	-0.5451	-0.5451	-0.5451
0.900	-0.8854	-0.9245	-0.7891	-0.7007	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9009	-0.7438	-0.7007	-0.5299	-0.5299	-0.5299	-0.5299	-0.5299	-0.5299
0.950	-0.9703	-0.8911	-0.7147	-0.7130	-0.4668	-0.4668	-0.4668	-0.4668	-0.4668	-0.4668
0.975	*****	-0.8733	-0.6975	-0.7043	-0.4087	-0.4087	-0.4087	-0.4087	-0.4087	-0.4087
1.000	-0.9267	-0.8972	-0.7106	-0.6947	-0.3664	-0.3664	-0.3664	-0.3664	-0.3664	-0.3664
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2325	0.2265	0.2673	*****	-0.5840	-0.5840	-0.5840	-0.5840	-0.5840	-0.5840
-0.600	0.2291	0.2334	0.2356	0.0687	-0.6172	-0.6172	-0.6172	-0.6172	-0.6172	-0.6172
-0.700	0.2488	0.2410	0.2277	0.1011	-0.5964	-0.5964	-0.5964	-0.5964	-0.5964	-0.5964
-0.800	*****	0.2520	0.2303	0.1149	-0.5751	-0.5751	-0.5751	-0.5751	-0.5751	-0.5751
-0.850	*****	*****	0.2355	0.1385	-0.5204	-0.5204	-0.5204	-0.5204	-0.5204	-0.5204
-0.900	*****	0.2751	0.2430	0.1465	-0.5043	-0.5043	-0.5043	-0.5043	-0.5043	-0.5043
-0.950	0.3035	0.2861	0.2619	0.1654	-0.4803	-0.4803	-0.4803	-0.4803	-0.4803	-0.4803
-0.975	0.2983	0.1768	0.2485	0.1820	-0.1535	-0.1535	-0.1535	-0.1535	-0.1535	-0.1535
-1.000	*****	0.1891	0.1964	0.1506	-0.0377	-0.0377	-0.0377	-0.0377	-0.0377	-0.0377
	-0.8936	-0.8712	-0.7004	-0.7199	-0.3517	-0.3517	-0.3517	-0.3517	-0.3517	-0.3517

Small Radius L.E.

Run No. = 43, Point No. = 907

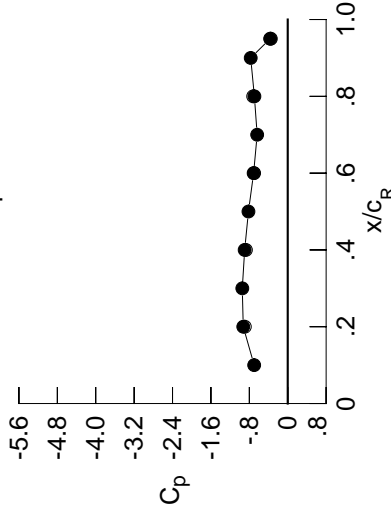
$C_N = 0.548$, $C_m = -0.1063$

$\alpha = 11.4^\circ$, $M_\infty = 0.900$

$R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.6990	*****
0.20	-0.9267	-0.8936
0.30	-0.9467	*****
0.40	-0.8972	-0.8712
0.50	-0.8183	*****
0.60	-0.7106	-0.7004
0.70	-0.6369	*****
0.80	-0.6947	-0.7199
0.90	-0.7716	*****
0.95	-0.3664	-0.3517

Surface Pressures

● upper, starboard
○ lower, port

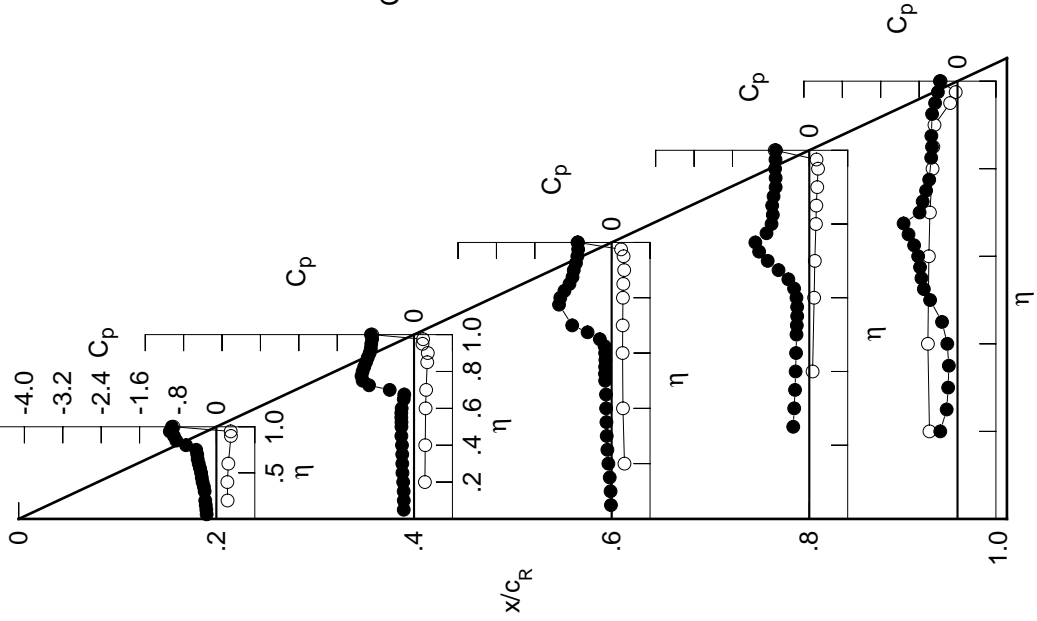
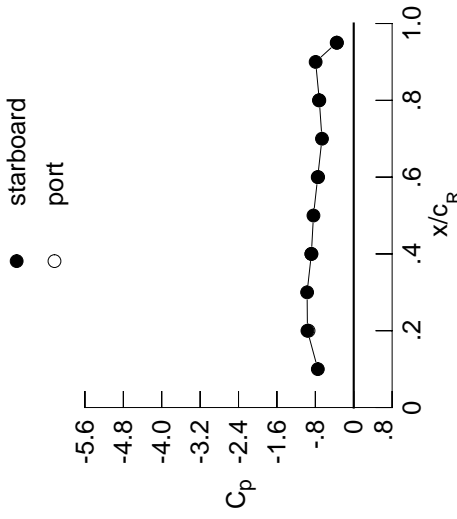


Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2214	-0.2393	-0.0302	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2291	-0.2435	-0.0403	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2443	-0.2423	-0.0607	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2571	-0.2633	-0.0945	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2708	-0.0981	-0.3568	-0.3568	-0.3568	-0.3568	-0.3568	-0.3568	-0.3568
0.300	-0.2686	-0.2699	-0.1082	-0.3286	-0.3286	-0.3286	-0.3286	-0.3286	-0.3286	-0.3286
0.350	-0.2807	-0.2662	-0.1198	-0.3177	-0.3177	-0.3177	-0.3177	-0.3177	-0.3177	-0.3177
0.400	-0.3117	-0.2678	-0.1272	-0.3042	-0.3042	-0.3042	-0.3042	-0.3042	-0.3042	-0.3042
0.450	-0.3258	-0.2800	-0.1296	-0.2921	-0.2921	-0.2921	-0.2921	-0.2921	-0.2921	-0.2921
0.500	-0.3367	-0.2807	-0.1424	-0.2821	-0.2821	-0.2821	-0.2821	-0.2821	-0.2821	-0.2821
0.525	*****	-0.2763	-0.1454	-0.2820	-0.2820	-0.2820	-0.2820	-0.2820	-0.2820	-0.2820
0.550	-0.3569	-0.2754	-0.1484	-0.2806	-0.2806	-0.2806	-0.2806	-0.2806	-0.2806	-0.2806
0.575	*****	-0.2620	-0.1569	-0.3076	-0.3076	-0.3076	-0.3076	-0.3076	-0.3076	-0.3076
0.600	-0.3836	-0.2418	-0.2198	-0.3644	-0.3644	-0.3644	-0.3644	-0.3644	-0.3644	-0.3644
0.625	*****	*****	-0.3416	-0.4864	-0.4864	-0.4864	-0.4864	-0.4864	-0.4864	-0.4864
0.650	-0.3914	-0.3159	-0.6108	-0.6701	-0.6701	-0.6701	-0.6701	-0.6701	-0.6701	-0.6701
0.675	*****	-0.7073	-0.8871	-0.8845	-0.8845	-0.8845	-0.8845	-0.8845	-0.8845	-0.8845
0.700	-0.3817	-1.0402	-1.0689	-1.0628	-1.0628	-1.0628	-1.0628	-1.0628	-1.0628	-1.0628
0.725	*****	-1.1463	*****	-1.1662	-1.1662	-1.1662	-1.1662	-1.1662	-1.1662	-1.1662
0.750	-0.6454	-1.1689	*****	-0.9371	-0.6034	-0.9371	-0.6034	-0.9371	-0.6034	-0.9371
0.775	*****	-1.1707	-1.0985	-0.8507	-0.5649	-0.8507	-0.5649	-0.8507	-0.5649	-0.8507
0.800	-0.8874	-1.1154	-1.0227	-0.8320	*****	-0.8320	*****	-0.8320	*****	-0.8320
0.825	*****	-1.0763	-0.9026	-0.8266	-0.5411	-0.8266	-0.5411	-0.8266	-0.5411	-0.8266
0.850	-0.9721	-1.0251	-0.8568	-0.8332	-0.5255	-0.8332	-0.5255	-0.8332	-0.5255	-0.8332
0.875	*****	-0.9708	-0.8470	-0.7783	-0.5406	-0.7783	-0.5406	-0.7783	-0.5406	-0.7783
0.900	-0.9393	-0.9252	-0.8280	-0.7328	*****	-0.7328	*****	-0.7328	*****	-0.7328
0.925	*****	-0.9030	-0.7811	-0.7236	-0.5151	-0.7236	-0.5151	-0.7236	-0.5151	-0.7236
0.950	-1.0100	-0.8909	-0.7636	-0.7332	-0.4515	-0.7332	-0.4515	-0.7332	-0.4515	-0.7332
0.975	*****	-0.8698	-0.7427	-0.7270	-0.3990	-0.7270	-0.3990	-0.7270	-0.3990	-0.7270
1.000	-0.9647	-0.8824	-0.7501	-0.7170	-0.3554	-0.7170	-0.3554	-0.7170	-0.3554	-0.7170
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2561	0.2470	0.2819	*****	-0.5774	*****	-0.5774	*****	-0.5774	*****
-0.600	0.2534	0.2514	0.2485	0.0801	-0.6124	0.0801	-0.6124	0.0801	-0.6124	0.0801
-0.700	0.2711	0.2600	0.2415	0.1104	-0.5898	0.1104	-0.5898	0.1104	-0.5898	0.1104
-0.800	*****	0.2731	0.2452	0.1281	-0.5684	0.1281	-0.5684	0.1281	-0.5684	0.1281
-0.850	*****	*****	0.2508	0.1485	-0.5117	0.1485	-0.5117	0.1485	-0.5117	0.1485
-0.900	*****	0.2901	0.2566	0.1589	-0.4945	0.1589	-0.4945	0.1589	-0.4945	0.1589
-0.950	0.3161	0.2952	0.2702	0.1760	-0.4673	0.1760	-0.4673	0.1760	-0.4673	0.1760
-0.975	0.3050	0.1695	0.2473	0.1849	-0.1510	0.1849	-0.1510	0.1849	-0.1510	0.1849
-1.000	*****	0.1769	0.1785	0.1420	-0.0451	0.1420	-0.0451	0.1420	-0.0451	0.1420
-1.000	-0.9414	-0.8824	-0.7414	-0.7248	-0.3492	-0.7248	-0.3492	-0.7248	-0.3492	-0.7248

Small Radius L.E.
 Run No. = 43, Point No. = 908
 $C_N = 0.606$, $C_m = -0.1188$
 $\alpha = 12.4^\circ$, $M_\infty = 0.900$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.7476	*****
0.20	-0.9647	-0.9414
0.30	-0.9713	*****
0.40	-0.8824	-0.8824
0.50	-0.8389	*****
0.60	-0.7501	-0.7414
0.70	-0.6616	*****
0.80	-0.7170	-0.7248
0.90	-0.7936	*****
0.95	-0.3554	-0.3492

Surface Pressures

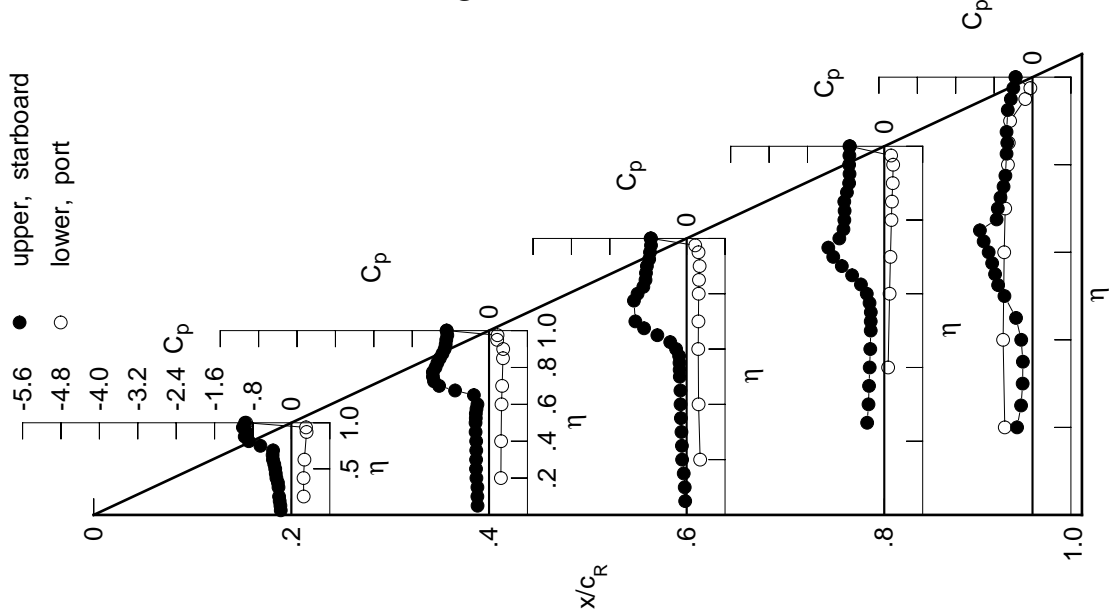


Table D6. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2332	-0.2649	-0.0476	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2430	-0.2686	-0.0591	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2636	-0.2746	-0.0850	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2714	-0.2859	-0.1055	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2905	-0.1094	-0.3684	-0.3684	-0.2077	*****	*****	*****	*****
0.300	-0.2768	-0.2862	-0.1198	-0.3488	-0.3488	-0.1903	*****	*****	*****	*****
0.350	-0.2868	-0.2894	-0.1364	-0.3330	-0.3330	-0.1958	*****	*****	*****	*****
0.400	-0.3119	-0.2909	-0.1439	-0.3185	-0.3185	-0.2505	*****	*****	*****	*****
0.450	-0.3452	-0.2940	-0.1484	-0.3074	-0.3074	-0.3818	*****	*****	*****	*****
0.500	-0.3521	-0.2869	-0.1699	-0.3029	-0.3029	-0.6233	*****	*****	*****	*****
0.525	*****	-0.2808	-0.1859	-0.3160	-0.3160	-0.7351	*****	*****	*****	*****
0.550	-0.3576	-0.2749	-0.2160	-0.3441	-0.3441	-0.7954	*****	*****	*****	*****
0.575	*****	-0.2672	-0.2767	-0.4137	-0.4137	-0.8684	*****	*****	*****	*****
0.600	-0.3524	-0.2919	-0.4473	-0.5346	-0.5346	-0.9471	*****	*****	*****	*****
0.625	*****	*****	-0.6655	-0.7057	-0.7057	-0.9973	*****	*****	*****	*****
0.650	-0.3773	-0.8050	-0.9269	-0.8936	-0.8936	-0.6943	*****	*****	*****	*****
0.675	*****	-1.1029	-1.1123	-1.0659	-1.0659	-0.6826	*****	*****	*****	*****
0.700	-0.6959	-1.2147	-1.2129	-1.1803	-1.1803	-0.6615	*****	*****	*****	*****
0.725	*****	-1.2188	*****	-0.9414	-0.6040	*****	*****	*****	*****	*****
0.750	-0.9299	-1.2058	*****	-0.8733	-0.5612	*****	*****	*****	*****	*****
0.775	*****	-1.2002	-0.9826	-0.8671	-0.5418	*****	*****	*****	*****	*****
0.800	-1.0144	-1.1355	-0.9034	-0.8702	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0773	-0.8800	-0.8853	-0.5313	*****	*****	*****	*****	*****
0.850	-1.0285	-1.0164	-0.8850	-0.8908	-0.5220	*****	*****	*****	*****	*****
0.875	*****	-0.9666	-0.8832	-0.8101	-0.5329	*****	*****	*****	*****	*****
0.900	-0.9632	-0.9329	-0.8487	-0.7596	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9117	-0.8222	-0.7575	-0.4882	*****	*****	*****	*****	*****
0.950	-1.0196	-0.8954	-0.8186	-0.7677	-0.4226	*****	*****	*****	*****	*****
0.975	*****	-0.8778	-0.7981	-0.7612	-0.3855	*****	*****	*****	*****	*****
1.000	-0.9818	-0.8894	-0.7999	-0.7549	-0.3412	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.2741	0.3022	*****	*****	-0.5643	*****	*****	*****	*****
-0.400	0.2850	0.2819	0.2710	0.0992	0.6007	*****	*****	*****	*****	*****
-0.600	0.3042	0.2890	0.2632	0.1317	-0.5792	*****	*****	*****	*****	*****
-0.700	*****	0.3014	0.2664	0.1457	-0.5555	*****	*****	*****	*****	*****
-0.800	*****	*****	0.2705	0.1677	-0.4977	*****	*****	*****	*****	*****
-0.850	*****	0.3134	0.2755	0.1762	-0.4803	*****	*****	*****	*****	*****
-0.900	0.3376	0.3111	0.2826	0.1908	-0.4483	*****	*****	*****	*****	*****
-0.950	0.3201	0.1720	0.2486	0.1894	-0.1417	*****	*****	*****	*****	*****
-0.975	*****	0.1698	0.1665	0.1354	-0.0420	*****	*****	*****	*****	*****
-1.000	-0.9790	-0.8855	-0.8033	-0.7662	-0.3412	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 43, Point No. = 909
 $C_N = 0.662$, $C_m = -0.1264$
 $\alpha = 13.5^\circ$, $M_\infty = 0.899$
 $R_{mac} = 6.0 \times 10^6$

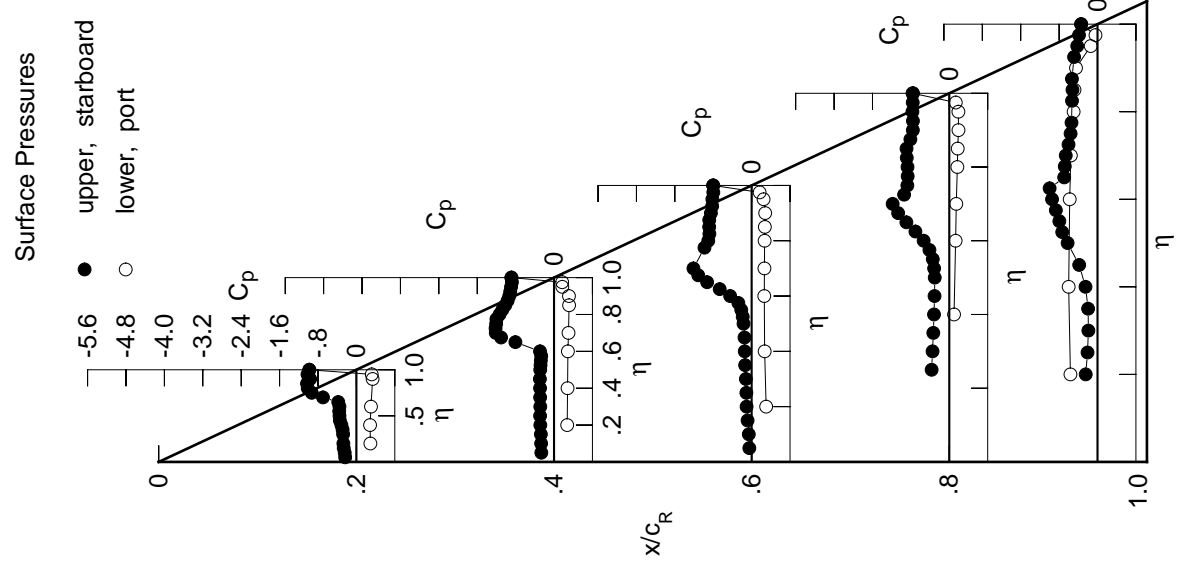
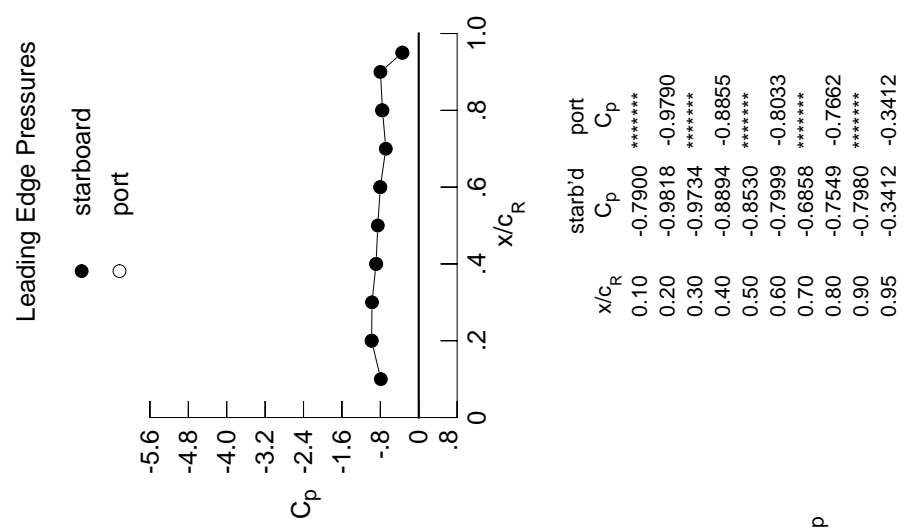
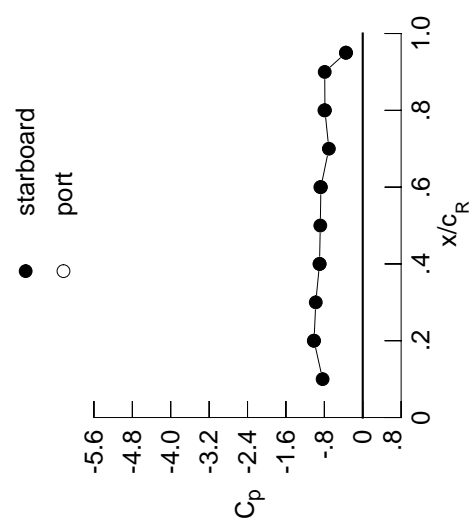


Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2513	-0.2950	-0.0904	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2654	-0.2981	-0.1072	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2854	-0.3069	-0.1321	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2890	-0.3091	-0.1468	*****	*****	*****	*****	*****	*****	-0.2381
0.250	*****	-0.3106	-0.1574	-0.3858	-0.2196	*****	*****	*****	*****	-0.2196
0.300	-0.2892	-0.3121	-0.1794	-0.3664	-0.2103	*****	*****	*****	*****	-0.2103
0.350	-0.2997	-0.3164	-0.2050	-0.3516	-0.2228	*****	*****	*****	*****	-0.2228
0.400	-0.3205	-0.3201	-0.2245	-0.3388	-0.2867	*****	*****	*****	*****	-0.2867
0.450	-0.3532	-0.3181	-0.2416	-0.3317	-0.4295	*****	*****	*****	*****	-0.4295
0.500	-0.3615	-0.3055	-0.2884	-0.3551	-0.6362	*****	*****	*****	*****	-0.6362
0.525	*****	-0.3024	-0.3338	-0.3927	-0.7361	*****	*****	*****	*****	-0.7361
0.550	-0.3408	-0.3167	-0.4107	-0.4586	-0.7958	*****	*****	*****	*****	-0.7958
0.575	*****	-0.3746	-0.5476	-0.5766	-0.8775	*****	*****	*****	*****	-0.8775
0.600	-0.3025	-0.5387	-0.7648	-0.7269	-0.9344	*****	*****	*****	*****	-0.9344
0.625	*****	*****	-0.9603	-0.8948	-0.6819	*****	*****	*****	*****	-0.6819
0.650	-0.7841	-1.0988	-1.1397	-1.0501	-0.6662	*****	*****	*****	*****	-0.6662
0.675	*****	-1.2639	-1.2573	-1.1821	-0.6608	*****	*****	*****	*****	-0.6608
0.700	-0.9904	-1.3080	-1.3198	-1.0544	-0.6363	*****	*****	*****	*****	-0.6363
0.725	*****	-1.2630	*****	-0.9144	-0.5960	*****	*****	*****	*****	-0.5960
0.750	-1.0481	-1.2307	*****	-0.9014	-0.5725	*****	*****	*****	*****	-0.5725
0.775	*****	-1.2198	-1.0013	-0.9026	-0.5409	*****	*****	*****	*****	-0.5409
0.800	-1.0603	-1.1565	-0.9706	-0.9055	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0807	-0.9588	-0.9219	-0.5245	*****	*****	*****	*****	-0.5245
0.850	-1.0506	-1.0188	-0.9622	-0.9203	-0.5221	*****	*****	*****	*****	-0.5221
0.875	*****	-0.9847	-0.9330	-0.8331	-0.5387	*****	*****	*****	*****	-0.5387
0.900	-0.9875	-0.9583	-0.8971	-0.7856	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9289	-0.8818	-0.7818	-0.4815	*****	*****	*****	*****	-0.4815
0.950	-1.0524	-0.9095	-0.8830	-0.7961	-0.4216	*****	*****	*****	*****	-0.4216
0.975	*****	-0.8915	-0.8716	-0.7967	-0.3905	*****	*****	*****	*****	-0.3905
1.000	-1.0146	-0.9003	-0.8713	-0.7876	-0.3484	*****	*****	*****	*****	-0.3484
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3133	0.2968	0.3165	*****	-0.5566	*****	*****	*****	*****	-0.5566
-0.400	0.3125	0.2989	0.2859	0.1116	-0.5950	*****	*****	*****	*****	-0.5950
-0.600	0.3307	0.3105	0.2790	0.1432	-0.5723	*****	*****	*****	*****	-0.5723
-0.700	*****	0.3229	0.2798	0.1584	-0.5487	*****	*****	*****	*****	-0.5487
-0.800	*****	*****	0.2848	0.1780	-0.4912	*****	*****	*****	*****	-0.4912
-0.850	*****	0.3303	0.2877	0.1886	-0.4713	*****	*****	*****	*****	-0.4713
-0.900	0.3550	0.3195	0.2918	0.1998	-0.4355	*****	*****	*****	*****	-0.4355
-0.950	0.3293	0.1699	0.2464	0.1887	-0.1393	*****	*****	*****	*****	-0.1393
-0.975	*****	0.1601	0.1510	0.1243	-0.0494	*****	*****	*****	*****	-0.0494
-1.000	-1.0195	-0.8975	-0.8834	-0.7984	-0.3502	*****	*****	*****	*****	-0.3502

Small Radius L.E.
 Run No. = 43 , Point No. = 910
 $C_N = 0.719$, $C_m = -0.1376$
 $\alpha = 14.5^\circ$, $M_\infty = 0.899$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.8363	*****
0.20	-1.0146	-1.0195
0.30	-0.9781	*****
0.40	-0.9003	-0.8975
0.50	-0.8843	*****
0.60	-0.8713	-0.8834
0.70	-0.7060	*****
0.80	-0.7876	-0.7984
0.90	-0.7920	*****
0.95	-0.3484	-0.3502

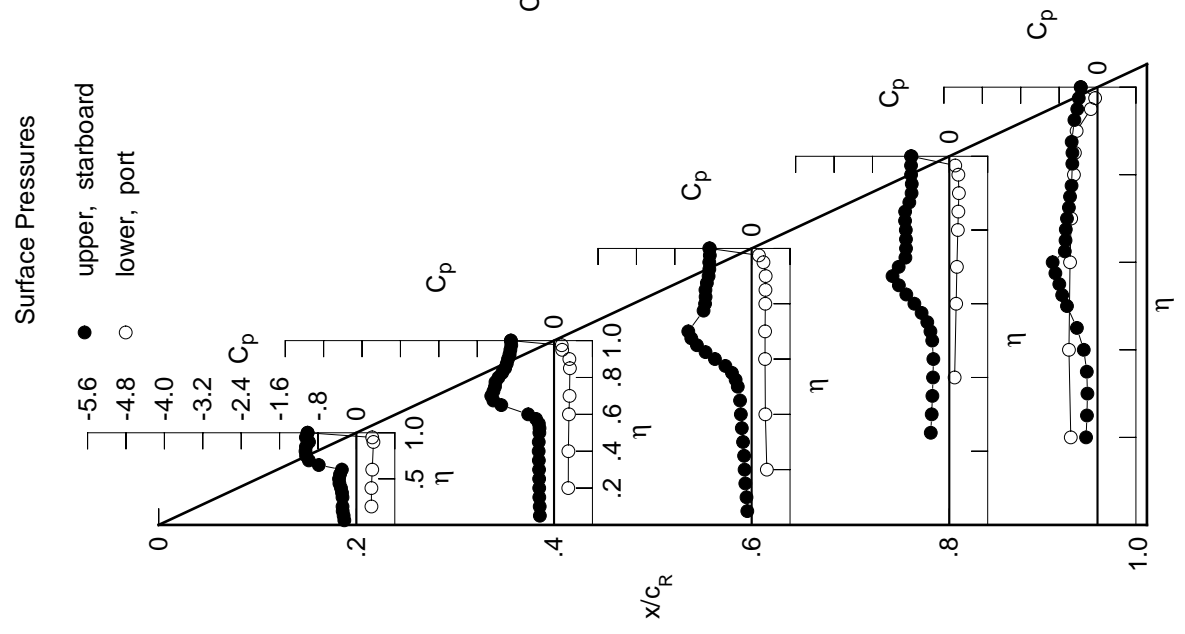
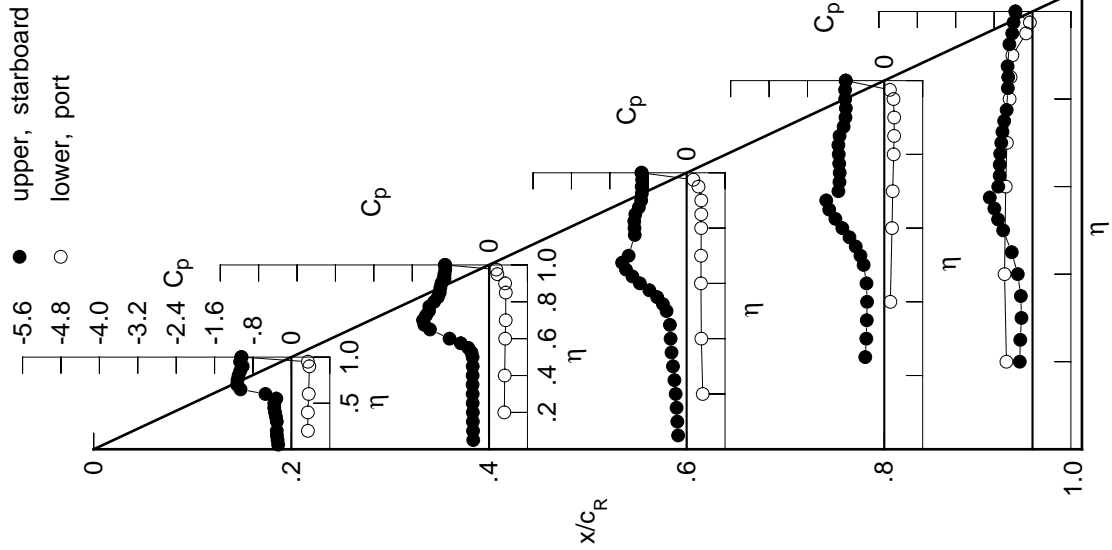


Table D6. Continued.

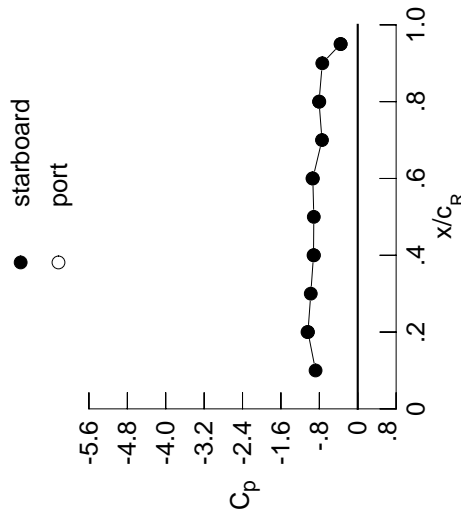
η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2751	-0.3286	-0.1779	*****	*****
0.100	-0.2890	-0.3330	-0.1946	*****	*****
0.150	-0.3032	-0.3378	-0.2103	*****	*****
0.200	-0.3040	-0.3374	-0.2288	*****	-0.2654
0.250	*****	-0.3411	-0.2545	-0.3957	-0.2541
0.300	-0.3041	-0.3405	-0.2844	-0.3747	-0.2303
0.350	-0.3209	-0.3434	-0.3149	-0.3649	-0.2432
0.400	-0.3409	-0.3419	-0.3344	-0.3582	-0.3075
0.450	-0.3575	-0.3398	-0.3489	-0.3705	-0.4329
0.500	-0.3559	-0.3422	-0.4183	-0.4307	-0.6110
0.525	*****	-0.3652	-0.4940	-0.4961	-0.7177
0.550	-0.3138	-0.4323	-0.6133	-0.5949	-0.7954
0.575	*****	-0.5881	-0.7757	-0.7254	-0.8903
0.600	-0.5411	-0.8221	-0.9735	-0.8745	-0.7139
0.625	*****	*****	-1.1290	-1.0185	-0.6841
0.650	-1.0589	-1.2301	-1.2634	-1.1472	-0.6834
0.675	*****	-1.3479	-1.3437	-1.2098	-0.6740
0.700	-1.1306	-1.3750	-1.2084	-0.9559	-0.6508
0.725	*****	-1.3147	*****	-0.9340	-0.6261
0.750	-1.1237	-1.2520	*****	-0.9291	-0.5901
0.775	*****	-1.2429	-1.0819	-0.9389	-0.5391
0.800	-1.1005	-1.1444	-1.0861	-0.9484	*****
0.825	*****	-1.0664	-1.0903	-0.9561	-0.5142
0.850	-1.0667	-1.0281	-1.0684	-0.9320	-0.5063
0.875	*****	-1.0151	-0.9958	-0.8472	-0.5191
0.900	-1.0147	-0.9919	-0.9468	-0.8077	*****
0.925	*****	-0.9486	-0.9345	-0.8010	-0.4816
0.950	-1.0690	-0.9303	-0.9371	-0.8150	-0.4221
0.975	*****	-0.9117	-0.9266	-0.8165	-0.3944
1.000	-1.0366	-0.9212	-0.9356	-0.8060	-0.3562
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3437	0.3188	0.3360	*****	-0.5432
-0.400	0.3422	0.3264	0.3062	0.1261	-0.5823
-0.600	0.3609	0.3364	0.2983	0.1611	-0.5588
-0.700	*****	0.3469	0.3000	0.1753	-0.5346
-0.800	*****	*****	0.3035	0.1951	-0.4775
-0.850	*****	0.3491	0.3042	0.2047	-0.4573
-0.900	0.3736	0.3349	0.3049	0.2064	-0.4190
-0.950	0.3432	0.1728	0.2471	0.1920	-0.1338
-0.975	*****	0.1509	0.1401	0.1170	-0.0543
-1.000	-1.0463	-0.9121	-0.9436	-0.8009	-0.3557

Surface Pressures



Small Radius L.E.
 Run No. = 43, Point No. = 911
 $C_N = 0.775$, $C_m = -0.1481$
 $\alpha = 15.5^\circ$, $M_\infty = 0.900$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

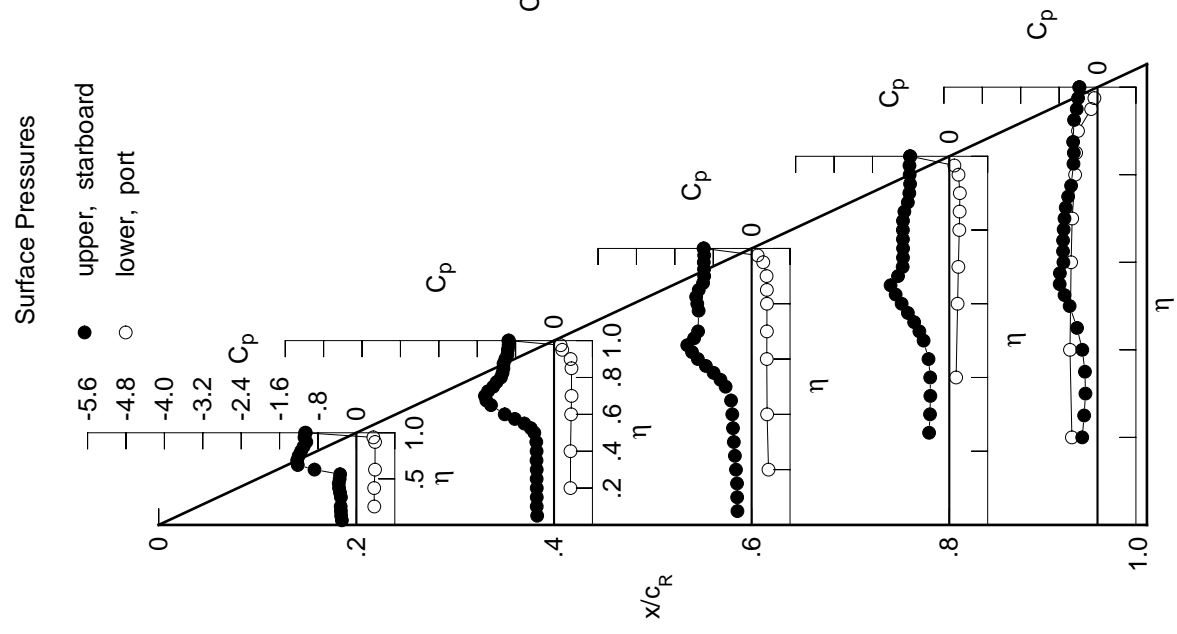
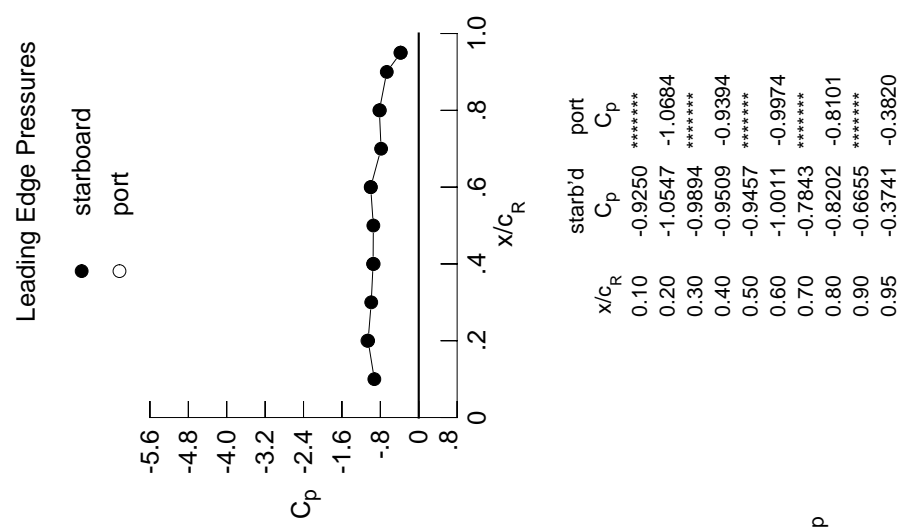


x/c_R	starb'd C_p	port C_p
0.10	-0.8788	*****
0.20	-1.0366	-1.0463
0.30	-0.9780	*****
0.40	-0.9212	-0.9121
0.50	-0.9148	*****
0.60	-0.9356	-0.9436
0.70	-0.7444	*****
0.80	-0.8060	-0.8009
0.90	-0.7384	*****
0.95	-0.3562	-0.3557

Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.3024	-0.3510	-0.2963	*****	*****	*****	*****	*****	*****	
0.100	-0.3177	-0.3609	-0.3014	*****	*****	*****	*****	*****	*****	
0.150	-0.3227	-0.3603	-0.3047	*****	*****	*****	*****	*****	*****	
0.200	-0.3270	-0.3601	-0.3261	*****	*****	*****	*****	*****	-0.3181	
0.250	*****	-0.3626	-0.3488	-0.4207	-0.2784	*****	*****	*****	*****	
0.300	-0.3224	-0.3608	-0.3710	-0.4015	-0.2512	*****	*****	*****	*****	
0.350	-0.3410	-0.3650	-0.3886	-0.3945	-0.2616	*****	*****	*****	*****	
0.400	-0.3608	-0.3635	-0.4031	-0.3973	-0.3170	*****	*****	*****	*****	
0.450	-0.3671	-0.3700	-0.4292	-0.4330	-0.4261	*****	*****	*****	*****	
0.500	-0.3488	-0.4111	-0.5420	-0.5353	-0.5804	*****	*****	*****	*****	
0.525	*****	-0.4850	-0.6498	-0.6228	-0.6875	*****	*****	*****	*****	
0.550	-0.3388	-0.6183	-0.7924	-0.7320	-0.7879	*****	*****	*****	*****	
0.575	*****	-0.8171	-0.9534	-0.8632	-0.7836	*****	*****	*****	*****	
0.600	-0.8725	-1.0273	-1.1205	-0.9932	-0.7106	*****	*****	*****	*****	
0.625	*****	*****	-1.2413	-1.1173	-0.7185	*****	*****	*****	*****	
0.650	-1.2216	-1.3134	-1.3408	-1.2229	-0.7176	*****	*****	*****	*****	
0.675	*****	-1.4098	-1.1990	-1.0682	-0.7054	*****	*****	*****	*****	
0.700	-1.2334	-1.4389	-1.1159	-0.9710	-0.6877	*****	*****	*****	*****	
0.725	*****	-1.3763	*****	-0.9649	-0.6617	*****	*****	*****	*****	
0.750	-1.2026	-1.2670	*****	-0.9633	-0.6122	*****	*****	*****	*****	
0.775	*****	-1.1966	-1.1046	-0.9657	-0.5503	*****	*****	*****	*****	
0.800	-1.1524	-1.1074	-1.1324	-0.9662	*****	*****	*****	*****	*****	
0.825	*****	-1.0725	-1.1560	-0.9650	-0.5006	*****	*****	*****	*****	
0.850	-1.1009	-1.0544	-1.1021	-0.9362	-0.4937	*****	*****	*****	*****	
0.875	*****	-1.0522	-1.0119	-0.8630	-0.5083	*****	*****	*****	*****	
0.900	-1.0429	-1.0142	-0.9887	-0.8331	*****	*****	*****	*****	*****	
0.925	*****	-0.9700	-0.9924	-0.8168	-0.4890	*****	*****	*****	*****	
0.950	-1.0814	-0.9622	-0.9970	-0.8260	-0.4328	*****	*****	*****	*****	
0.975	*****	-0.9473	-0.9884	-0.8294	-0.4056	*****	*****	*****	*****	
1.000	-1.0547	-0.9509	-1.0011	-0.8202	-0.3741	*****	*****	*****	*****	
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.400	0.3725	0.3425	0.3512	*****	-0.5332	*****	*****	*****	*****	
-0.600	0.3702	0.3433	0.3222	0.1421	-0.5734	*****	*****	*****	*****	
-0.700	0.3881	0.3565	0.3153	0.1731	-0.5500	*****	*****	*****	*****	
-0.800	*****	0.3646	0.3175	0.1887	-0.5281	*****	*****	*****	*****	
-0.850	*****	*****	0.3191	0.2084	-0.4665	*****	*****	*****	*****	
-0.900	*****	0.3636	0.3170	0.2156	-0.4455	*****	*****	*****	*****	
-0.950	0.3890	0.3444	0.3109	0.2204	-0.4063	*****	*****	*****	*****	
-0.975	0.3528	0.1714	0.2419	0.1921	-0.1324	*****	*****	*****	*****	
-1.000	*****	0.1377	0.1250	0.1064	-0.0645	*****	*****	*****	*****	
	-1.0684	-0.9394	-0.9974	-0.8101	-0.3820	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 43 , Point No. = 912
 $C_N = 0.831$, $C_m = -0.1582$
 $\alpha = 16.6^\circ$, $M_\infty = 0.899$
 $R_{mac} = 6.0 \times 10^6$



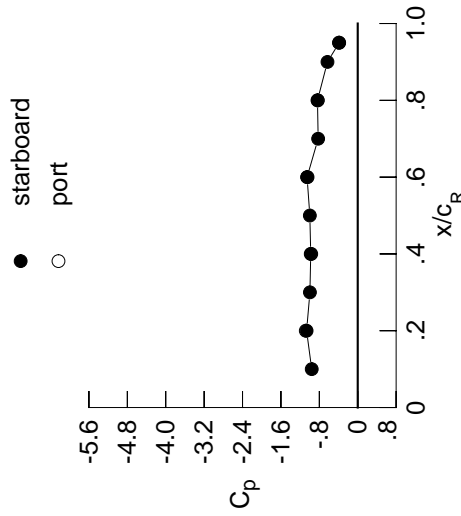
x/c_R	starb'd C_p	port C_p
0.10	-0.9250	*****
0.20	-1.0547	-1.0684
0.30	-0.9894	*****
0.40	-0.9509	-0.9394
0.50	-0.9457	*****
0.60	-1.0011	-0.9974
0.70	-0.7843	*****
0.80	-0.8202	-0.8101
0.90	-0.6655	*****
0.95	-0.3741	-0.3820

Table D6. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3282	-0.3870	-0.4017	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3419	-0.3957	-0.3944	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3456	-0.3927	-0.3947	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3486	-0.3957	-0.4080	*****	*****	*****	*****	*****	*****	-0.3490
0.250	*****	-0.3991	-0.4168	-0.4243	-0.4243	-0.4243	-0.4243	-0.4243	-0.4243	-0.3100
0.300	-0.3477	-0.3967	-0.4276	-0.4169	-0.4169	-0.4169	-0.4169	-0.4169	-0.4169	-0.2786
0.350	-0.3692	-0.4039	-0.4394	-0.4209	-0.4209	-0.4209	-0.4209	-0.4209	-0.4209	-0.2876
0.400	-0.3837	-0.4109	-0.4579	-0.4468	-0.4468	-0.4468	-0.4468	-0.4468	-0.4468	-0.3436
0.450	-0.3835	-0.4362	-0.5106	-0.5120	-0.5120	-0.5120	-0.5120	-0.5120	-0.5120	-0.4497
0.500	-0.3674	-0.5267	-0.6748	-0.6556	-0.6556	-0.6556	-0.6556	-0.6556	-0.6556	-0.6157
0.525	*****	-0.6434	-0.8021	-0.7606	-0.7606	-0.7606	-0.7606	-0.7606	-0.7606	-0.7222
0.550	-0.5041	-0.8038	-0.9465	-0.8762	-0.8762	-0.8762	-0.8762	-0.8762	-0.8762	-0.8265
0.575	*****	-0.9951	-1.0861	-0.9994	-0.9994	-0.9994	-0.9994	-0.9994	-0.9994	-0.7698
0.600	-1.1247	-1.1630	-1.2206	-1.1119	-1.1119	-1.1119	-1.1119	-1.1119	-1.1119	-0.7518
0.625	*****	*****	-1.3126	-1.2158	-1.2158	-1.2158	-1.2158	-1.2158	-1.2158	-0.7624
0.650	-1.3135	-1.3729	-1.2425	-1.2947	-1.2947	-1.2947	-1.2947	-1.2947	-1.2947	-0.7580
0.675	*****	-1.4574	-1.1223	-1.0653	-1.0653	-1.0653	-1.0653	-1.0653	-1.0653	-0.7406
0.700	-1.2953	-1.4179	-1.1114	-1.0250	-1.0250	-1.0250	-1.0250	-1.0250	-1.0250	-0.7272
0.725	*****	-1.3207	*****	-1.0124	-1.0124	-1.0124	-1.0124	-1.0124	-1.0124	-0.6689
0.750	-1.2601	-1.2682	*****	-1.0011	-1.0011	-1.0011	-1.0011	-1.0011	-1.0011	-0.5950
0.775	*****	-1.2232	-1.1362	-0.9812	-0.9812	-0.9812	-0.9812	-0.9812	-0.9812	-0.5449
0.800	-1.2048	-1.1714	-1.1704	-0.9740	-0.9740	-0.9740	-0.9740	-0.9740	-0.9740	*****
0.825	*****	-1.1314	-1.1562	-0.9666	-0.9666	-0.9666	-0.9666	-0.9666	-0.9666	-0.5047
0.850	-1.1346	-1.1034	-1.0915	-0.9496	-0.9496	-0.9496	-0.9496	-0.9496	-0.9496	-0.4885
0.875	*****	-1.0826	-1.0407	-0.8868	-0.8868	-0.8868	-0.8868	-0.8868	-0.8868	-0.5043
0.900	-1.0714	-1.0295	-1.0463	-0.8569	-0.8569	-0.8569	-0.8569	-0.8569	-0.8569	*****
0.925	*****	-0.9923	-1.0530	-0.8386	-0.8386	-0.8386	-0.8386	-0.8386	-0.8386	-0.4902
0.950	-1.0863	-0.9878	-1.0557	-0.8443	-0.8443	-0.8443	-0.8443	-0.8443	-0.8443	-0.4370
0.975	*****	-0.9754	-1.0446	-0.8487	-0.8487	-0.8487	-0.8487	-0.8487	-0.8487	-0.4097
1.000	-1.0655	-0.9791	-1.0553	-0.8386	-0.8386	-0.8386	-0.8386	-0.8386	-0.8386	-0.3864
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4007	0.3637	0.3699	*****	*****	*****	*****	*****	*****	-0.5204
-0.400	0.3993	0.3669	0.3401	0.1596	0.1596	0.1596	0.1596	0.1596	0.1596	-0.5639
-0.600	0.4163	0.3786	0.3333	0.1845	0.1845	0.1845	0.1845	0.1845	0.1845	-0.5392
-0.700	*****	0.3875	0.3329	0.2026	0.2026	0.2026	0.2026	0.2026	0.2026	-0.5158
-0.800	*****	*****	0.3360	0.2201	0.2201	0.2201	0.2201	0.2201	0.2201	-0.4542
-0.850	*****	0.3802	0.3294	0.2295	0.2295	0.2295	0.2295	0.2295	0.2295	-0.4324
-0.900	0.4061	0.3546	0.3190	0.2300	0.2300	0.2300	0.2300	0.2300	0.2300	-0.3913
-0.950	0.3628	0.1705	0.2402	0.1908	0.1908	0.1908	0.1908	0.1908	0.1908	-0.1296
-0.975	*****	0.1288	0.1126	0.0963	0.0963	0.0963	0.0963	0.0963	0.0963	-0.0701
-1.000	-1.0822	-0.9688	-1.0453	-0.8312	-0.8312	-0.8312	-0.8312	-0.8312	-0.8312	-0.3904

Small Radius L.E.
 Run No. = 43 , Point No. = 913
 $C_N = 0.887$, $C_m = -0.1686$
 $\alpha = 17.6^\circ$, $M_\infty = 0.900$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.9587	*****
0.20	-1.0655	-1.0822
0.30	-0.9959	*****
0.40	-0.9791	-0.9688
0.50	-0.9978	*****
0.60	-1.0553	-1.0453
0.70	-0.8245	*****
0.80	-0.8386	-0.8312
0.90	-0.6308	*****
0.95	-0.3864	-0.3904

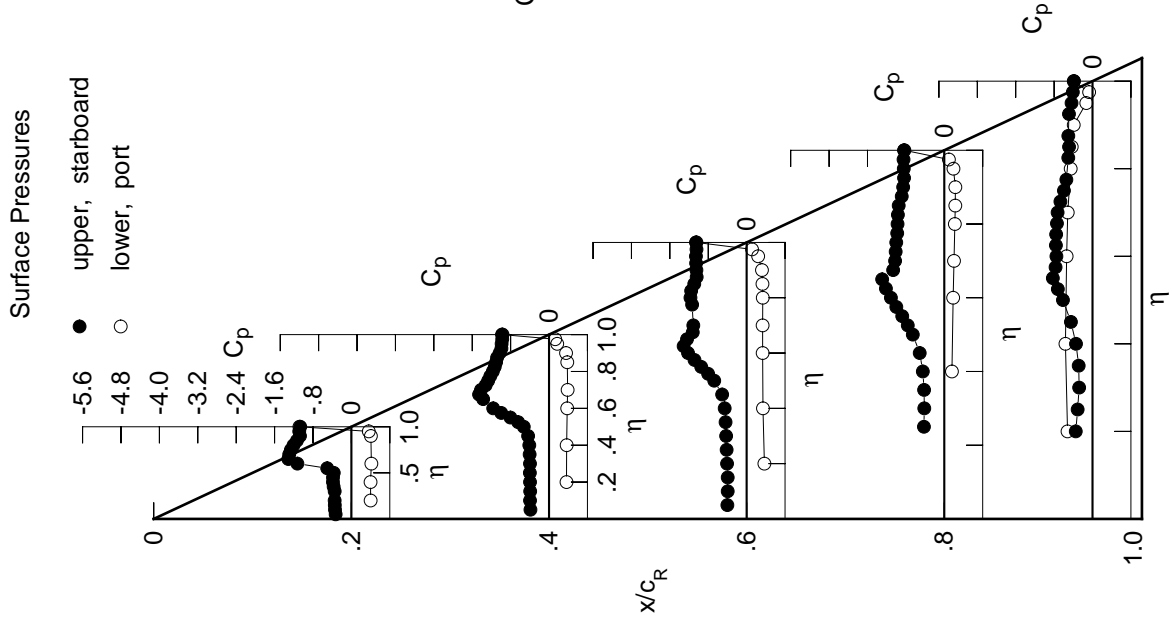
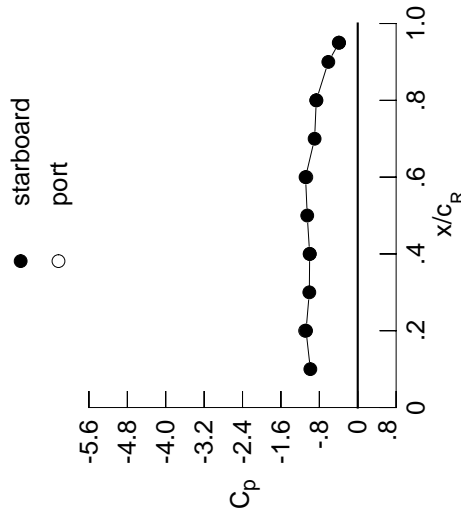


Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3556	-0.4202	-0.4462	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3639	-0.4278	-0.4402	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3703	-0.4258	-0.4442	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3739	-0.4261	-0.4530	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.4300	-0.4604	-0.4307	-0.4307	-0.2985	*****	*****	*****	*****
0.300	-0.3767	-0.4302	-0.4687	-0.4237	-0.4237	-0.3027	*****	*****	*****	*****
0.350	-0.3918	-0.4388	-0.4886	-0.4376	-0.4376	-0.3014	*****	*****	*****	*****
0.400	-0.3992	-0.4524	-0.5236	-0.4822	-0.4822	-0.3542	*****	*****	*****	*****
0.450	-0.3964	-0.5100	-0.6080	-0.5841	-0.5841	-0.4617	*****	*****	*****	*****
0.500	-0.4228	-0.6610	-0.8005	-0.7683	-0.7683	-0.6351	*****	*****	*****	*****
0.525	*****	-0.8021	-0.9303	-0.8800	-0.8800	-0.7460	*****	*****	*****	*****
0.550	-0.7913	-0.9631	-1.0606	-0.9937	-0.9937	-0.8420	*****	*****	*****	*****
0.575	*****	-1.1277	-1.1819	-1.1041	-1.1041	-0.7863	*****	*****	*****	*****
0.600	-1.2853	-1.2589	-1.2923	-1.2043	-1.2043	-0.7807	*****	*****	*****	*****
0.625	*****	*****	-1.3551	-1.2913	-1.2913	-0.7819	*****	*****	*****	*****
0.650	-1.3824	-1.4177	-1.1672	-1.2417	-1.2417	-0.7710	*****	*****	*****	*****
0.675	*****	-1.4540	-1.1411	-1.0778	-1.0778	-0.7565	*****	*****	*****	*****
0.700	-1.3428	-1.3686	-1.1398	-1.0667	-1.0667	-0.7506	*****	*****	*****	*****
0.725	*****	-1.3071	*****	-1.0576	-1.0576	-0.6810	*****	*****	*****	*****
0.750	-1.3055	-1.2874	*****	-1.0513	-1.0513	-0.5996	*****	*****	*****	*****
0.775	*****	-1.2716	-1.1868	-1.0359	-1.0359	-0.5469	*****	*****	*****	*****
0.800	-1.2434	-1.2496	-1.2121	-1.0315	-1.0315	*****	*****	*****	*****	*****
0.825	*****	-1.2210	-1.1767	-1.0229	-1.0229	-0.5095	*****	*****	*****	*****
0.850	-1.1598	-1.1688	-1.1227	-1.0039	-1.0039	-0.4911	*****	*****	*****	*****
0.875	*****	-1.1050	-1.0797	-0.9331	-0.9331	-0.5110	*****	*****	*****	*****
0.900	-1.0918	-1.0484	-1.0822	-0.8941	-0.8941	*****	*****	*****	*****	*****
0.925	*****	-1.0151	-1.0843	-0.8723	-0.8723	-0.4993	*****	*****	*****	*****
0.950	-1.0951	-1.0085	-1.0865	-0.8709	-0.8709	-0.4445	*****	*****	*****	*****
0.975	*****	-0.9951	-1.0755	-0.8767	-0.8767	-0.4174	*****	*****	*****	*****
1.000	-1.0768	-1.0013	-1.0870	-0.8640	-0.8640	-0.3877	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4329	0.3922	0.3926	*****	*****	-0.5068	*****	*****	*****	*****
-0.600	0.4310	0.3931	0.3624	0.1788	0.1788	-0.5490	*****	*****	*****	*****
-0.700	0.4462	0.3995	0.3546	0.2078	0.2078	-0.5284	*****	*****	*****	*****
-0.800	*****	0.4112	0.3551	0.2216	0.2216	-0.5031	*****	*****	*****	*****
-0.850	*****	*****	0.3541	0.2384	0.2384	-0.4401	*****	*****	*****	*****
-0.900	*****	0.3978	0.3459	0.2436	0.2436	-0.4182	*****	*****	*****	*****
-0.950	0.4233	0.3650	0.3297	0.2404	0.2404	-0.3758	*****	*****	*****	*****
-0.975	0.3740	0.1715	0.2401	0.1912	0.1912	-0.1232	*****	*****	*****	*****
-1.000	*****	0.1193	0.1014	0.0861	0.0861	-0.0733	*****	*****	*****	*****
-1.000	-1.0960	-0.9991	-1.0715	-0.8609	-0.8609	-0.3953	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 43 , Point No. = 914
 $C_N = 0.944$, $C_m = -0.1785$
 $\alpha = 18.6^\circ$, $M_\infty = 0.899$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.9871	*****
0.20	-1.0768	-1.0960
0.30	-1.0085	*****
0.40	-1.0013	-0.9991
0.50	-1.0517	*****
0.60	-1.0870	-1.0715
0.70	-0.8981	*****
0.80	-0.8640	-0.8609
0.90	-0.6130	*****
0.95	-0.3877	-0.3953

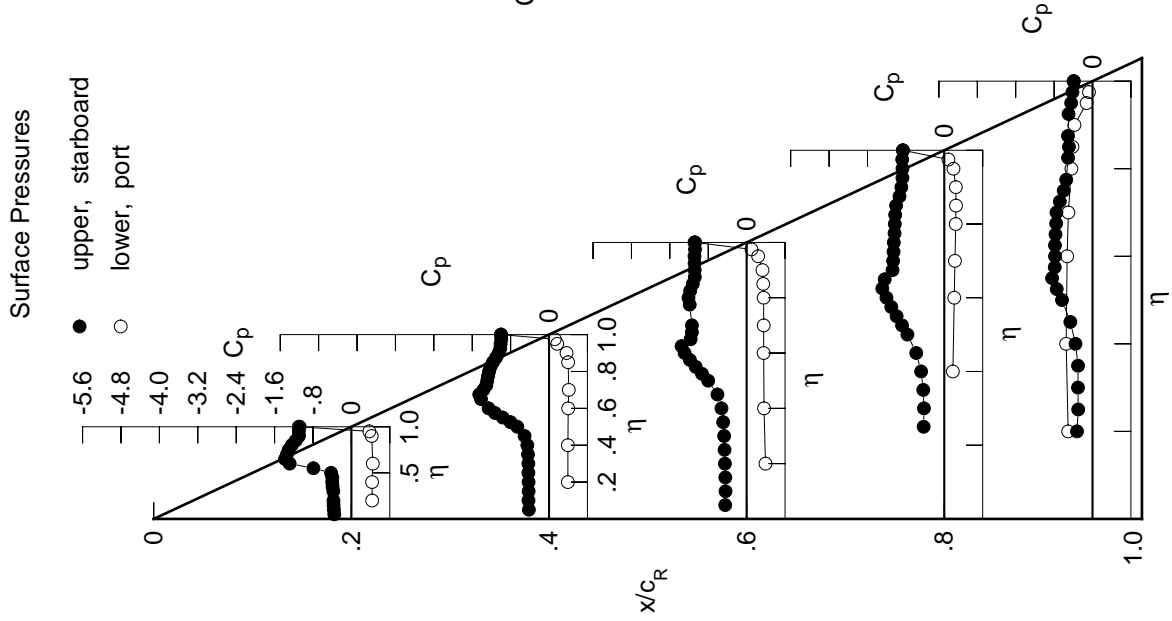
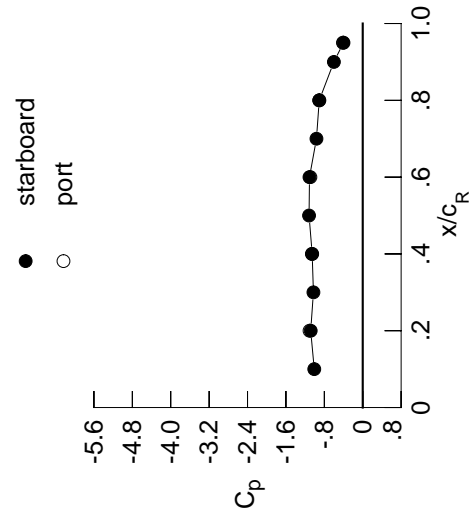


Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,l}$	$C_{p,l}$
0.050	-0.3861	-0.4578	-0.4861	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3906	-0.4634	-0.4851	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3973	-0.4630	-0.4877	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4002	-0.4626	-0.4932	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.4687	-0.5015	-0.4571	-0.4571	-0.4571	-0.4571	-0.4571	-0.4571	-0.4571
0.300	-0.4035	-0.4712	-0.5137	-0.4589	-0.4589	-0.4589	-0.4589	-0.4589	-0.4589	-0.4589
0.350	-0.4142	-0.4846	-0.5452	-0.4887	-0.4887	-0.4887	-0.4887	-0.4887	-0.4887	-0.4887
0.400	-0.4203	-0.5162	-0.6015	-0.5562	-0.5562	-0.5562	-0.5562	-0.5562	-0.5562	-0.5562
0.450	-0.4322	-0.6088	-0.7183	-0.6855	-0.6855	-0.6855	-0.6855	-0.6855	-0.6855	-0.6855
0.500	-0.5630	-0.8030	-0.9257	-0.8875	-0.8875	-0.8875	-0.8875	-0.8875	-0.8875	-0.8875
0.525	*****	-0.9453	-1.0467	-0.9966	-0.9966	-0.9966	-0.9966	-0.9966	-0.9966	-0.9966
0.550	-1.0344	-1.0890	-1.1582	-1.1030	-1.1030	-1.1030	-1.1030	-1.1030	-1.1030	-1.1030
0.575	*****	-1.2232	-1.2576	-1.1992	-1.1992	-1.1992	-1.1992	-1.1992	-1.1992	-1.1992
0.600	-1.3790	-1.3260	-1.3479	-1.2828	-1.2828	-1.2828	-1.2828	-1.2828	-1.2828	-1.2828
0.625	*****	*****	-1.3299	-1.3523	-1.3523	-1.3523	-1.3523	-1.3523	-1.3523	-1.3523
0.650	-1.4257	-1.4146	-1.1819	-1.1579	-1.1579	-1.1579	-1.1579	-1.1579	-1.1579	-1.1579
0.675	*****	-1.3317	-1.1753	-1.1147	-1.1147	-1.1147	-1.1147	-1.1147	-1.1147	-1.1147
0.700	-1.3859	-1.2874	-1.1754	-1.1122	-1.1122	-1.1122	-1.1122	-1.1122	-1.1122	-1.1122
0.725	*****	-1.2753	*****	-1.1095	-1.1095	-1.1095	-1.1095	-1.1095	-1.1095	-1.1095
0.750	-1.3222	-1.2795	*****	-1.1048	-1.1048	-1.1048	-1.1048	-1.1048	-1.1048	-1.1048
0.775	*****	-1.3048	-1.2110	-1.0970	-1.0970	-1.0970	-1.0970	-1.0970	-1.0970	-1.0970
0.800	-1.2577	-1.3223	-1.2238	-1.0951	-1.0951	-1.0951	-1.0951	-1.0951	-1.0951	-1.0951
0.825	*****	-1.2889	-1.1933	-1.0903	-1.0903	-1.0903	-1.0903	-1.0903	-1.0903	-1.0903
0.850	-1.1695	-1.1740	-1.1441	-1.0687	-1.0687	-1.0687	-1.0687	-1.0687	-1.0687	-1.0687
0.875	*****	-1.0951	-1.1124	-0.9907	-0.9907	-0.9907	-0.9907	-0.9907	-0.9907	-0.9907
0.900	-1.1052	-1.0627	-1.1104	-0.9462	-0.9462	-0.9462	-0.9462	-0.9462	-0.9462	-0.9462
0.925	*****	-1.0558	-1.1066	-0.9194	-0.9194	-0.9194	-0.9194	-0.9194	-0.9194	-0.9194
0.950	-1.1039	-1.0545	-1.1068	-0.9193	-0.9193	-0.9193	-0.9193	-0.9193	-0.9193	-0.9193
0.975	*****	-1.0441	-1.0976	-0.9173	-0.9173	-0.9173	-0.9173	-0.9173	-0.9173	-0.9173
1.000	-1.0840	-1.0532	-1.1093	-0.9061	-0.9061	-0.9061	-0.9061	-0.9061	-0.9061	-0.9061
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4593	0.4145	0.4073	*****	*****	*****	*****	*****	*****	*****
-0.600	0.4590	0.4134	0.3806	0.1913	0.1913	0.1913	0.1913	0.1913	0.1913	0.1913
-0.700	0.4716	0.4207	0.3702	0.2212	0.2212	0.2212	0.2212	0.2212	0.2212	0.2212
-0.800	*****	0.4319	0.3724	0.2337	0.2337	0.2337	0.2337	0.2337	0.2337	0.2337
-0.850	*****	*****	0.3696	0.2493	0.2493	0.2493	0.2493	0.2493	0.2493	0.2493
-0.900	*****	0.4115	0.3581	0.2534	0.2534	0.2534	0.2534	0.2534	0.2534	0.2534
-0.950	0.4376	0.3718	0.3376	0.2467	0.2467	0.2467	0.2467	0.2467	0.2467	0.2467
-0.975	0.3828	0.1678	0.2373	0.1872	0.1872	0.1872	0.1872	0.1872	0.1872	0.1872
-1.000	*****	0.1077	0.0898	0.0712	0.0712	0.0712	0.0712	0.0712	0.0712	0.0712
-1.000	-1.1082	-1.0592	-1.0907	-0.9040	-0.9040	-0.9040	-0.9040	-0.9040	-0.9040	-0.9040

Small Radius L.E.
 Run No. = 43, Point No. = 915
 $C_N = 1.009$, $C_m = -0.1951$
 $\alpha = 19.6^\circ$, $M_\infty = 0.900$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.0099	*****
0.20	-1.0840	-1.1082
0.30	-1.0272	*****
0.40	-1.0532	-1.0592
0.50	-1.1180	*****
0.60	-1.1093	-1.0907
0.70	-0.9639	*****
0.80	-0.9061	-0.9040
0.90	-0.6011	*****
0.95	-0.4012	-0.4124

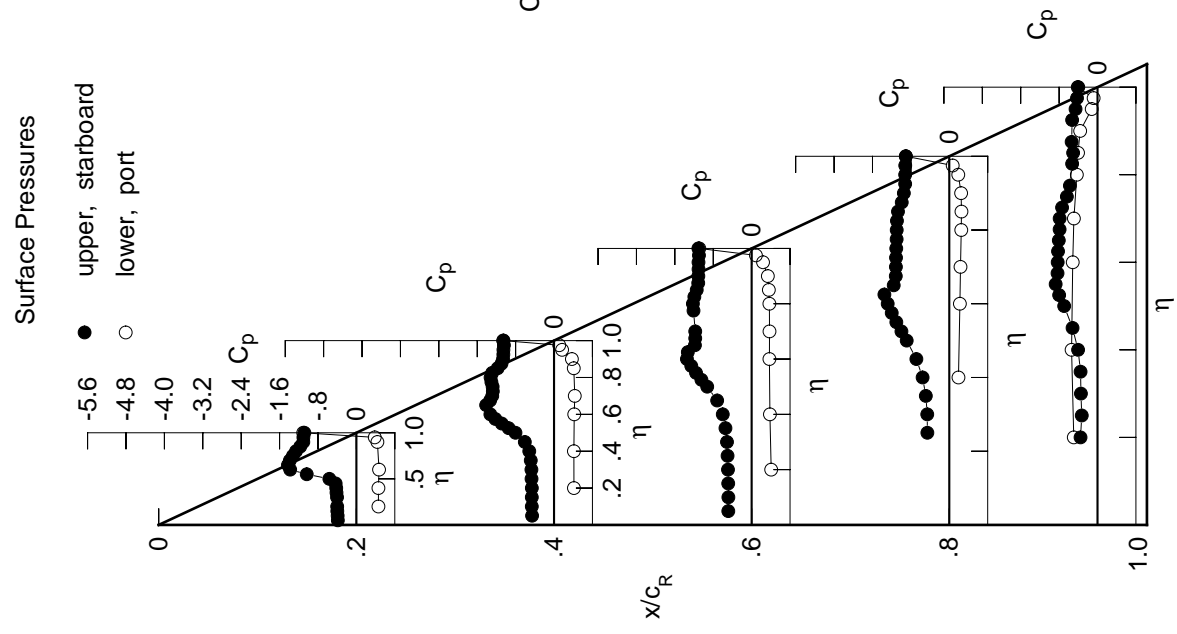
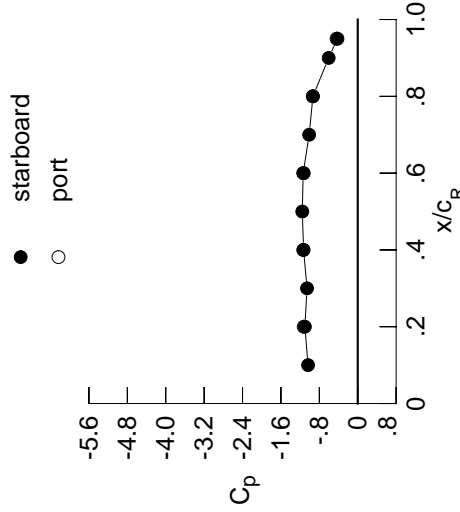


Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4184	-0.4971	-0.5153	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4241	-0.5040	-0.5163	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4277	-0.5006	-0.5172	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4323	-0.5049	-0.5273	*****	*****	*****	*****	*****	*****	-0.2938
0.250	*****	-0.5078	-0.5334	-0.5195	-0.3599	*****	*****	*****	*****	-0.3599
0.300	-0.4327	-0.5156	-0.5544	-0.5315	-0.4231	*****	*****	*****	*****	-0.4231
0.350	-0.4433	-0.5395	-0.5993	-0.5704	-0.4859	*****	*****	*****	*****	-0.4859
0.400	-0.4563	-0.5955	-0.6843	-0.6544	-0.5412	*****	*****	*****	*****	-0.5412
0.450	-0.5087	-0.7191	-0.8317	-0.7934	-0.6501	*****	*****	*****	*****	-0.6501
0.500	-0.7626	-0.9338	-1.0411	-0.9912	-0.8097	*****	*****	*****	*****	-0.8097
0.525	*****	-1.0670	-1.1478	-1.0911	-0.9044	*****	*****	*****	*****	-0.9044
0.550	-1.1964	-1.1906	-1.2413	-1.1834	-0.8927	*****	*****	*****	*****	-0.8927
0.575	*****	-1.2976	-1.3238	-1.2677	-0.8667	*****	*****	*****	*****	-0.8667
0.600	-1.4437	-1.3817	-1.3964	-1.3423	-0.8713	*****	*****	*****	*****	-0.8713
0.625	*****	*****	-1.3235	-1.3770	-0.8699	*****	*****	*****	*****	-0.8699
0.650	-1.4581	-1.3066	-1.2230	-1.1739	-0.8569	*****	*****	*****	*****	-0.8569
0.675	*****	-1.2684	-1.2165	-1.1596	-0.8432	*****	*****	*****	*****	-0.8432
0.700	-1.4371	-1.2571	-1.2127	-1.1623	-0.8387	*****	*****	*****	*****	-0.8387
0.725	*****	-1.2607	*****	-1.1578	-0.8029	*****	*****	*****	*****	-0.8029
0.750	-1.3449	-1.2738	*****	-1.1598	-0.7101	*****	*****	*****	*****	-0.7101
0.775	*****	-1.3174	-1.2293	-1.1560	-0.6261	*****	*****	*****	*****	-0.6261
0.800	-1.2506	-1.3303	-1.2442	-1.1616	*****	*****	*****	*****	*****	-0.6261
0.825	*****	-1.2584	-1.2192	-1.1543	-0.5486	*****	*****	*****	*****	-0.5486
0.850	-1.1695	-1.1613	-1.1724	-1.1305	-0.5242	*****	*****	*****	*****	-0.5242
0.875	*****	-1.1243	-1.1379	-1.0402	-0.5560	*****	*****	*****	*****	-0.5560
0.900	-1.1262	-1.1184	-1.1366	-0.9839	*****	*****	*****	*****	*****	-0.9839
0.925	*****	-1.1221	-1.1287	-0.9480	-0.5551	*****	*****	*****	*****	-0.5551
0.950	-1.1202	-1.1237	-1.1320	-0.9443	-0.4791	*****	*****	*****	*****	-0.4791
0.975	*****	-1.1132	-1.1231	-0.9454	-0.4477	*****	*****	*****	*****	-0.4477
1.000	-1.1013	-1.1281	-1.1363	-0.9334	-0.4225	*****	*****	*****	*****	-0.4225
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4868	0.4368	0.4245	*****	-0.4843	*****	*****	*****	*****	-0.4843
-0.400	0.4854	0.4372	0.3954	0.2029	-0.5288	*****	*****	*****	*****	-0.5288
-0.600	0.4971	0.4350	0.3891	0.2350	-0.5075	*****	*****	*****	*****	-0.5075
-0.700	*****	0.4521	0.3829	0.2471	-0.4804	*****	*****	*****	*****	-0.4804
-0.800	*****	*****	0.3822	0.2617	-0.4193	*****	*****	*****	*****	-0.4193
-0.850	*****	0.4238	0.3699	0.2653	-0.3946	*****	*****	*****	*****	-0.3946
-0.900	0.4497	0.3790	0.3443	0.2525	-0.3509	*****	*****	*****	*****	-0.3509
-0.950	0.3889	0.1639	0.2339	0.1839	-0.1202	*****	*****	*****	*****	-0.1202
-0.975	*****	0.0930	0.0783	0.0574	-0.0914	*****	*****	*****	*****	-0.0914
-1.000	-1.1260	-1.1344	-1.1247	-0.9364	-0.4404	*****	*****	*****	*****	-0.4404

Small Radius L.E.
 Run No. = 43 , Point No. = 916
 $C_N = 1.061$, $C_m = -0.2015$
 $\alpha = 20.6^\circ$, $M_\infty = 0.900$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.0348	*****
0.20	-1.1013	-1.1260
0.30	-1.0562	*****
0.40	-1.1281	-1.1344
0.50	-1.1548	*****
0.60	-1.1363	-1.1247
0.70	-1.0118	*****
0.80	-0.9334	-0.9364
0.90	-0.6054	*****
0.95	-0.4225	-0.4404

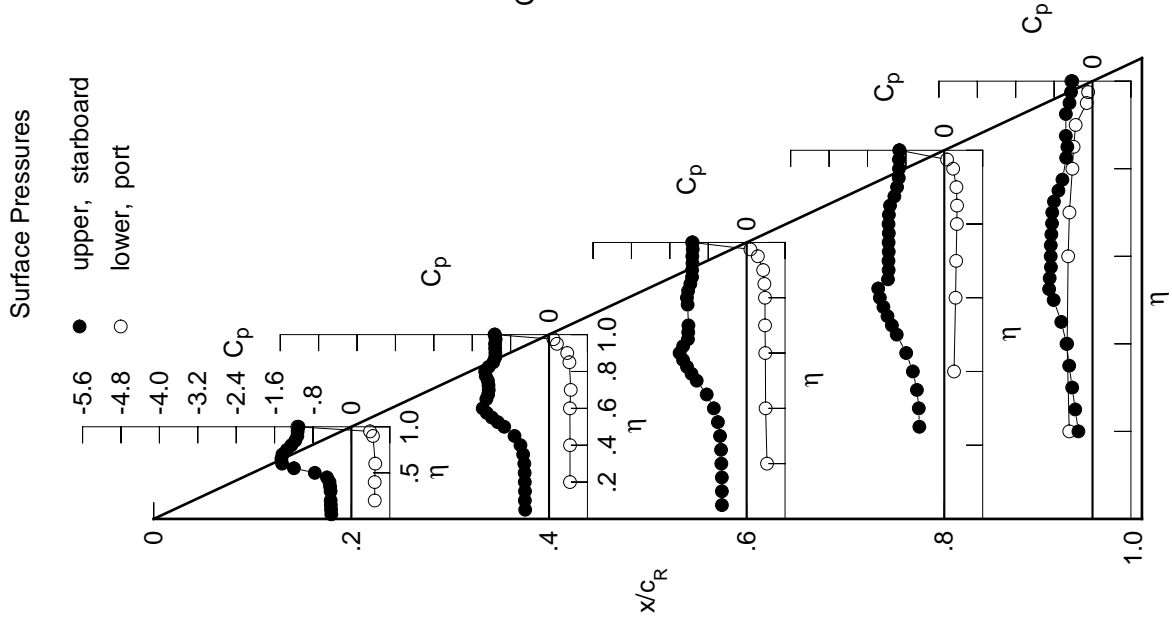


Table D6. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.4437	-0.5208	-0.0926	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4493	-0.5273	-0.1131	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4555	-0.5283	-0.1292	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4605	-0.5334	-0.1545	*****	*****	*****	*****	*****	*****	-0.7176
0.250	*****	-0.5403	-0.1887	-0.3686	-0.7198	*****	*****	*****	*****	*****
0.300	-0.4589	-0.5561	-0.2423	-0.3849	-0.7268	*****	*****	*****	*****	*****
0.350	-0.4745	-0.5908	-0.3346	-0.4556	-0.7435	*****	*****	*****	*****	*****
0.400	-0.5073	-0.6670	-0.4774	-0.5327	-0.7851	*****	*****	*****	*****	*****
0.450	-0.6188	-0.8171	-0.6728	-0.6530	-0.8211	*****	*****	*****	*****	*****
0.500	-0.9313	-1.0295	-0.9397	-0.7678	-0.8179	*****	*****	*****	*****	*****
0.525	*****	-1.1475	-1.0696	-0.8061	-0.8168	*****	*****	*****	*****	*****
0.550	-1.2891	-1.2509	-1.1623	-0.8157	-0.7841	*****	*****	*****	*****	*****
0.575	*****	-1.3433	-1.2494	-0.8224	-0.7755	*****	*****	*****	*****	*****
0.600	-1.4810	-1.4064	-1.2466	-0.8157	-0.7546	*****	*****	*****	*****	*****
0.625	*****	*****	-1.1146	-0.7968	-0.7472	*****	*****	*****	*****	*****
0.650	-1.4652	-1.2432	-1.0422	-0.8093	-0.7411	*****	*****	*****	*****	*****
0.675	*****	-1.2392	-1.0139	-0.8114	-0.7261	*****	*****	*****	*****	*****
0.700	-1.4606	-1.2331	-0.9937	-0.7751	-0.7219	*****	*****	*****	*****	*****
0.725	*****	-1.2396	*****	-0.7538	-0.7128	*****	*****	*****	*****	*****
0.750	-1.3754	-1.2604	*****	-0.7215	-0.7071	*****	*****	*****	*****	*****
0.775	*****	-1.3001	-0.9535	-0.6959	-0.6894	*****	*****	*****	*****	*****
0.800	-1.2237	-1.2868	-0.9548	-0.6738	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2283	-0.9444	-0.6625	-0.6671	*****	*****	*****	*****	*****
0.850	-1.1713	-1.1760	-0.8984	-0.6480	-0.6498	*****	*****	*****	*****	*****
0.875	*****	-1.1638	-0.8493	-0.6297	-0.6391	*****	*****	*****	*****	*****
0.900	-1.1387	-1.1654	-0.8277	-0.6255	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1715	-0.8065	-0.6055	-0.6304	*****	*****	*****	*****	*****
0.950	-1.1374	-1.1753	-0.7864	-0.5926	-0.5736	*****	*****	*****	*****	*****
0.975	*****	-1.1627	-0.7650	-0.5850	-0.5372	*****	*****	*****	*****	*****
1.000	-1.1203	-1.1768	-0.7385	-0.5802	-0.5084	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.5165	0.4615	0.4448	*****	*****	*****	*****	*****	-0.4819
-0.400		0.5144	0.4633	0.4184	0.2215	-0.5259	*****	*****	*****	*****
-0.600		0.5240	0.4645	0.4087	0.2534	-0.5038	*****	*****	*****	*****
-0.700		*****	0.4750	0.4061	0.2643	-0.4806	*****	*****	*****	*****
-0.800		*****	*****	0.4048	0.2814	-0.4212	*****	*****	*****	*****
-0.850		*****	0.4392	0.3924	0.2823	-0.4036	*****	*****	*****	*****
-0.900		0.4642	0.3890	0.3651	0.2727	-0.3653	*****	*****	*****	*****
-0.950		0.3992	0.1710	0.2480	0.2134	-0.1350	*****	*****	*****	*****
-0.975		*****	0.0868	0.0950	0.1046	-0.1090	*****	*****	*****	*****
-1.000		-1.1420	-1.1841	-0.7379	-0.5674	-0.4955	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 43, Point No. = 917
 $C_N = 0.963$, $C_m = -0.1621$
 $\alpha = 21.6^\circ$, $M_\infty = 0.901$
 $R_{mac} = 6.0 \times 10^6$

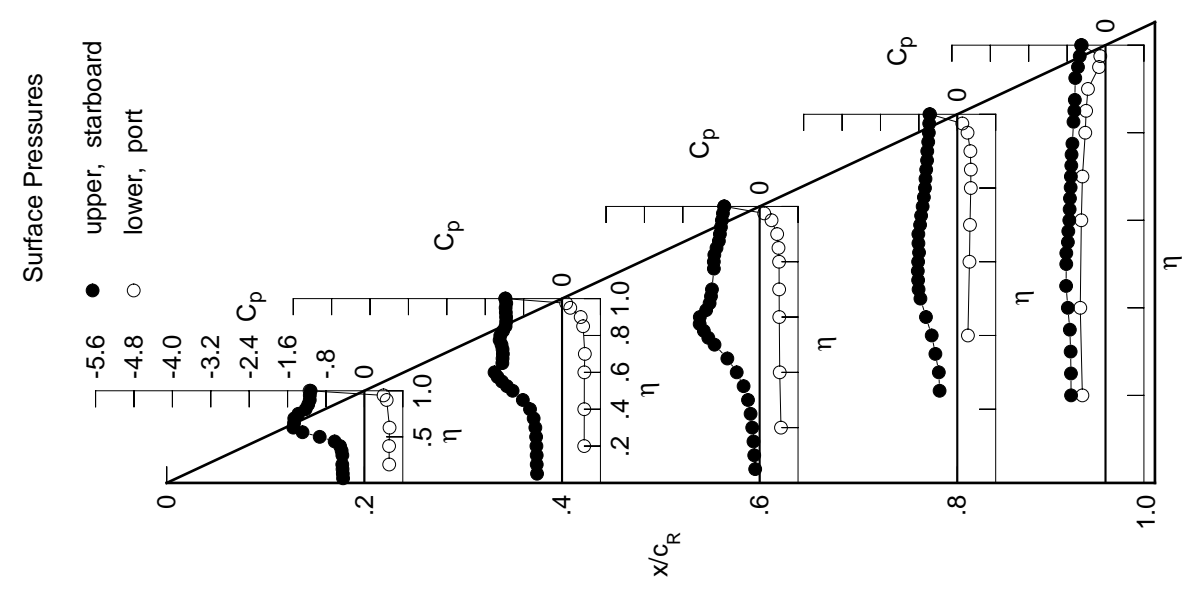
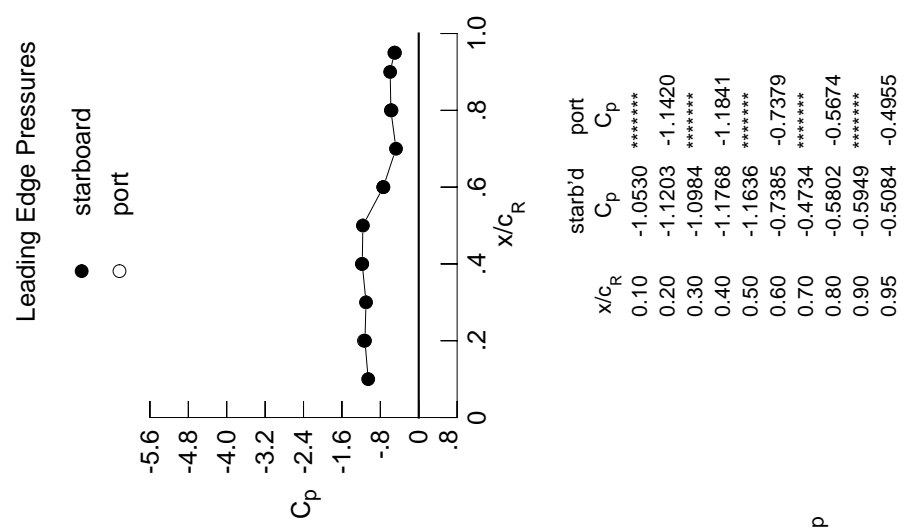


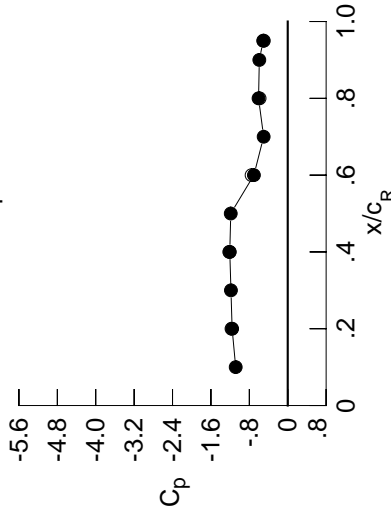
Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4803	-0.5561	-0.0720	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4824	-0.5613	-0.0896	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4903	-0.5659	-0.1052	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4953	-0.5705	-0.1355	*****	*****	*****	*****	*****	*****	-0.6626
0.250	*****	-0.5887	-0.1687	-0.5220	-0.6882	*****	*****	*****	*****	*****
0.300	-0.4966	-0.6113	-0.2301	-0.5475	-0.7194	*****	*****	*****	*****	*****
0.350	-0.5256	-0.6658	-0.3333	-0.6316	-0.7473	*****	*****	*****	*****	*****
0.400	-0.5903	-0.7668	-0.4995	-0.7010	-0.7953	*****	*****	*****	*****	*****
0.450	-0.7642	-0.9336	-0.7108	-0.7860	-0.8267	*****	*****	*****	*****	*****
0.500	-1.0854	-1.1348	-0.9881	-0.8418	-0.8153	*****	*****	*****	*****	*****
0.525	*****	-1.2329	-1.1129	-0.8541	-0.8164	*****	*****	*****	*****	*****
0.550	-1.3678	-1.3208	-1.1919	-0.8449	-0.7821	*****	*****	*****	*****	*****
0.575	-1.3925	-1.2276	-0.8491	-0.7775	*****	*****	*****	*****	*****	*****
0.600	-1.4497	-1.4114	-1.1748	-0.8385	-0.7583	*****	*****	*****	*****	*****
0.625	*****	*****	-1.0964	-0.8281	-0.7542	*****	*****	*****	*****	*****
0.650	-1.4386	-1.2579	-1.0412	-0.8398	-0.7488	*****	*****	*****	*****	*****
0.675	*****	-1.2676	-1.0168	-0.8420	-0.7386	*****	*****	*****	*****	*****
0.700	-1.4491	-1.2608	-0.9957	-0.8145	-0.7345	*****	*****	*****	*****	*****
0.725	*****	-1.2611	*****	-0.7991	-0.7261	*****	*****	*****	*****	*****
0.750	-1.4365	-1.2737	*****	-0.7745	-0.7219	*****	*****	*****	*****	*****
0.775	*****	-1.2977	-0.9360	-0.7541	-0.7020	*****	*****	*****	*****	*****
0.800	-1.2639	-1.2757	-0.9230	-0.7288	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2398	-0.9145	-0.7182	-0.6776	*****	*****	*****	*****	*****
0.850	-1.1941	-1.2141	-0.8727	-0.6949	-0.6579	*****	*****	*****	*****	*****
0.875	*****	-1.2113	-0.8091	-0.6744	-0.6439	*****	*****	*****	*****	*****
0.900	-1.1654	-1.2065	-0.7750	-0.6722	*****	*****	*****	*****	*****	*****
0.925	*****	-1.2082	-0.7552	-0.6559	-0.6252	*****	*****	*****	*****	*****
0.950	-1.1702	-1.2074	-0.7462	-0.6371	-0.5760	*****	*****	*****	*****	*****
0.975	*****	-1.1934	-0.7332	-0.6225	-0.5407	*****	*****	*****	*****	*****
1.000	-1.1584	-1.2074	-0.7050	-0.6077	-0.5108	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5427	0.4860	0.4637	*****	-0.4707	*****	*****	*****	*****	*****
-0.400	0.5410	0.4855	0.4359	0.2367	-0.5175	*****	*****	*****	*****	*****
-0.600	0.5495	0.4853	0.4244	0.2630	-0.5009	*****	*****	*****	*****	*****
-0.700	*****	0.4957	0.4239	0.2756	-0.4782	*****	*****	*****	*****	*****
-0.800	*****	*****	0.4195	0.2889	-0.4112	*****	*****	*****	*****	*****
-0.850	*****	0.4528	0.4041	0.2933	-0.3943	*****	*****	*****	*****	*****
-0.900	0.4770	0.3952	0.3723	0.2801	-0.3535	*****	*****	*****	*****	*****
-0.950	0.4048	0.1734	0.2480	0.2108	-0.1314	*****	*****	*****	*****	*****
-0.975	*****	0.0748	0.0836	0.0933	-0.1127	*****	*****	*****	*****	*****
-1.000	-1.1715	-1.2180	-0.7530	-0.5864	-0.4982	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 43 , Point No. = 918
 $C_N = 1.013$, $C_m = -0.1736$
 $\alpha = 22.6^\circ$, $M_\infty = 0.899$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0843	*****
0.20	-1.1584	-1.1715
0.30	-1.1828	*****
0.40	-1.2074	-1.2180
0.50	-1.1869	*****
0.60	-0.7050	-0.7530
0.70	-0.5016	*****
0.80	-0.6077	-0.5864
0.90	-0.5920	*****
0.95	-0.5108	-0.4982

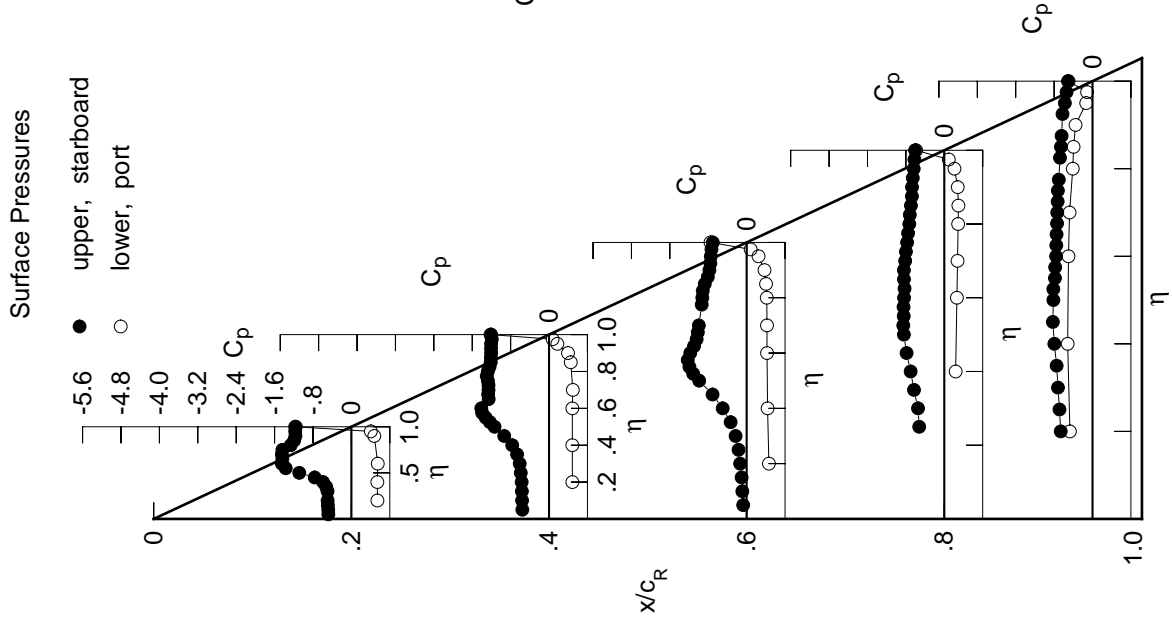
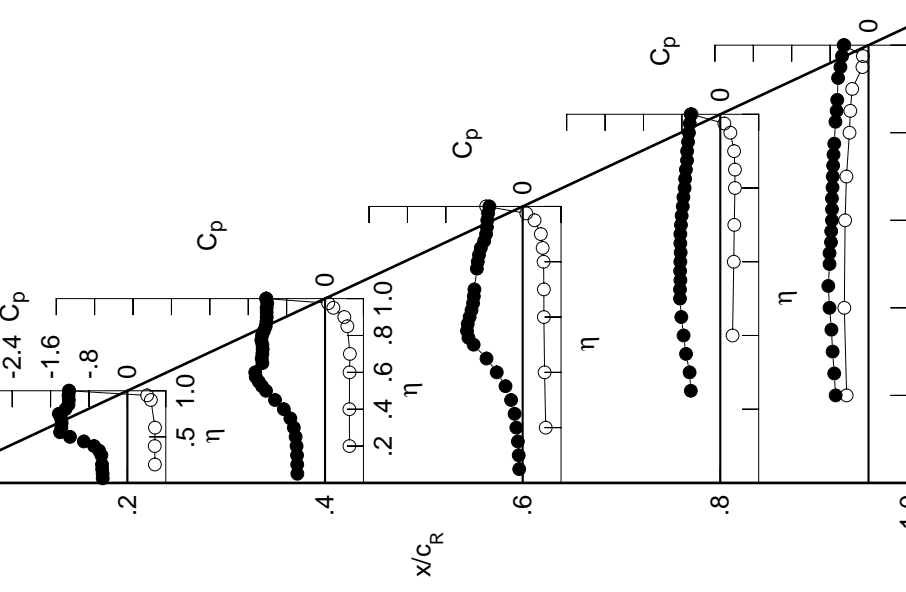
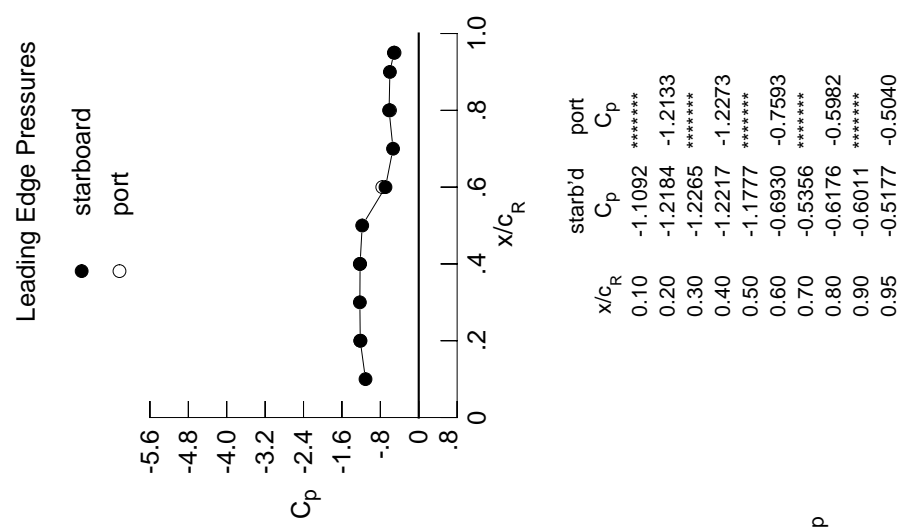


Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5145	-0.5766	-0.0710	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5164	-0.5789	-0.0816	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5248	-0.5834	-0.0995	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5295	-0.5930	-0.1310	*****	*****	*****	*****	*****	*****	-0.6850
0.250	*****	-0.6128	-0.1679	-0.6139	-0.7146	*****	*****	*****	*****	*****
0.300	-0.5415	-0.6507	-0.2409	-0.6392	-0.7483	*****	*****	*****	*****	*****
0.350	-0.5886	-0.7226	-0.3565	-0.7137	-0.7724	*****	*****	*****	*****	*****
0.400	-0.6945	-0.8583	-0.5393	-0.7648	-0.8127	*****	*****	*****	*****	*****
0.450	-0.9076	-1.0413	-0.7529	-0.8116	-0.8379	*****	*****	*****	*****	*****
0.500	-1.1963	-1.2300	-1.0208	-0.8396	-0.8119	*****	*****	*****	*****	*****
0.525	*****	-1.3126	-1.1291	-0.8395	-0.8119	*****	*****	*****	*****	*****
0.550	-1.4025	-1.3811	-1.1593	-0.8307	-0.7817	*****	*****	*****	*****	*****
0.575	*****	-1.4440	-1.1441	-0.8364	-0.7780	*****	*****	*****	*****	*****
0.600	-1.3755	-1.4540	-1.1047	-0.8321	-0.7616	*****	*****	*****	*****	*****
0.625	*****	*****	-1.0644	-0.8259	-0.7611	*****	*****	*****	*****	*****
0.650	-1.3699	-1.3059	-1.0325	-0.8321	-0.7613	*****	*****	*****	*****	*****
0.675	*****	-1.3193	-1.0169	-0.8319	-0.7500	*****	*****	*****	*****	*****
0.700	-1.3842	-1.3055	-1.0049	-0.8194	-0.7447	*****	*****	*****	*****	*****
0.725	*****	-1.2996	*****	-0.8051	-0.7372	*****	*****	*****	*****	*****
0.750	-1.4287	-1.3047	*****	-0.7815	-0.7291	*****	*****	*****	*****	*****
0.775	*****	-1.3270	-0.9536	-0.7683	-0.7124	*****	*****	*****	*****	*****
0.800	-1.2901	-1.3124	-0.9344	-0.7434	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2727	-0.9091	-0.7330	-0.6886	*****	*****	*****	*****	*****
0.850	-1.2264	-1.2362	-0.8711	-0.7163	-0.6638	*****	*****	*****	*****	*****
0.875	*****	-1.2210	-0.8016	-0.6931	-0.6511	*****	*****	*****	*****	*****
0.900	-1.2206	-1.2151	-0.7619	-0.6911	*****	*****	*****	*****	*****	*****
0.925	*****	-1.2161	-0.7439	-0.6720	-0.6333	*****	*****	*****	*****	*****
0.950	-1.2262	-1.2169	-0.7365	-0.6539	-0.5850	*****	*****	*****	*****	*****
0.975	*****	-1.2037	-0.7203	-0.6362	-0.5514	*****	*****	*****	*****	*****
1.000	-1.2184	-1.2217	-0.6930	-0.6176	-0.5177	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5729	0.5091	0.4804	*****	*****	*****	*****	*****	*****	-0.4556
-0.600	0.5697	0.5074	0.4573	0.2556	-0.5039	*****	*****	*****	*****	*****
-0.700	0.5751	0.5106	0.4424	0.2806	-0.4872	*****	*****	*****	*****	*****
-0.800	*****	0.5175	0.4422	0.2917	-0.4598	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4361	0.3045	-0.3964	*****	*****	*****	*****	*****
-0.900	0.4887	0.4016	0.3782	0.2868	-0.3395	*****	*****	*****	*****	*****
-0.950	0.4114	0.1740	0.2480	0.2092	-0.1264	*****	*****	*****	*****	*****
-0.975	*****	0.0658	0.0768	0.0848	-0.1157	*****	*****	*****	*****	*****
-1.000	-1.2133	-1.2273	-0.7593	-0.5982	-0.5040	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 43, Point No. = 919
 $C_N = 1.053$, $C_m = -0.1802$
 $\alpha = 23.6^\circ$, $M_\infty = 0.899$
 $R_{mac} = 6.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.1092	*****
0.20	-1.2184	-1.2133
0.30	-1.2265	*****
0.40	-1.2217	-1.2273
0.50	-1.1777	*****
0.60	-0.6930	-0.7593
0.70	-0.5356	*****
0.80	-0.6176	-0.5982
0.90	-0.6011	*****
0.95	-0.5177	-0.5040

Table D6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5526	-0.6069	-0.0342	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5568	-0.6065	-0.0426	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5669	-0.6152	-0.0609	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5732	-0.6227	-0.0929	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6543	-0.1348	-0.7463	-0.7463	-0.7463	-0.7463	-0.7463	-0.7463	-0.6495
0.300	-0.6014	-0.6973	-0.2136	-0.7801	-0.7801	-0.7801	-0.7801	-0.7801	-0.7801	-0.6806
0.350	-0.6710	-0.7832	-0.3448	-0.8468	-0.8468	-0.8468	-0.8468	-0.8468	-0.8468	-0.7331
0.400	-0.8109	-0.9270	-0.5367	-0.8844	-0.8844	-0.8844	-0.8844	-0.8844	-0.8844	-0.7757
0.450	-1.0306	-1.1135	-0.7564	-0.9008	-0.9008	-0.9008	-0.9008	-0.9008	-0.9008	-0.8366
0.500	-1.2739	-1.2878	-1.0070	-0.8923	-0.8923	-0.8923	-0.8923	-0.8923	-0.8923	-0.8604
0.525	*****	-1.3646	-1.1016	-0.8823	-0.8823	-0.8823	-0.8823	-0.8823	-0.8823	-0.8335
0.550	-1.3712	-1.4249	-1.1248	-0.8689	-0.8689	-0.8689	-0.8689	-0.8689	-0.8689	-0.8223
0.575	*****	-1.4755	-1.1240	-0.8738	-0.8738	-0.8738	-0.8738	-0.8738	-0.8738	-0.7966
0.600	-1.3307	-1.4633	-1.0943	-0.8775	-0.8775	-0.8775	-0.8775	-0.8775	-0.8775	-0.7910
0.625	*****	*****	-1.0422	-0.8750	-0.8750	-0.8750	-0.8750	-0.8750	-0.8750	-0.7773
0.650	-1.3245	-1.3307	-0.9942	-0.8762	-0.8762	-0.8762	-0.8762	-0.8762	-0.8762	-0.7767
0.675	*****	-1.3473	-0.9789	-0.8743	-0.8743	-0.8743	-0.8743	-0.8743	-0.8743	-0.7776
0.700	-1.3518	-1.3409	-0.9613	-0.8644	-0.8644	-0.8644	-0.8644	-0.8644	-0.8644	-0.7637
0.725	*****	-1.3382	*****	-0.8578	-0.8578	-0.8578	-0.8578	-0.8578	-0.8578	-0.7618
0.750	-1.3817	-1.3494	*****	-0.8355	-0.8355	-0.8355	-0.8355	-0.8355	-0.8355	-0.7538
0.775	*****	-1.3774	-0.9011	-0.8238	-0.8238	-0.8238	-0.8238	-0.8238	-0.8238	-0.7521
0.800	-1.2744	-1.3754	-0.8817	-0.8010	-0.8010	-0.8010	-0.8010	-0.8010	-0.8010	-0.7334
0.825	*****	-1.3280	-0.8598	-0.7898	-0.7898	-0.7898	-0.7898	-0.7898	-0.7898	*****
0.850	-1.2732	-1.2681	-0.8268	-0.7677	-0.7677	-0.7677	-0.7677	-0.7677	-0.7677	-0.7061
0.875	*****	-1.2390	-0.7726	-0.7438	-0.7438	-0.7438	-0.7438	-0.7438	-0.7438	-0.6814
0.900	-1.2780	-1.2323	-0.7375	-0.7412	-0.7412	-0.7412	-0.7412	-0.7412	-0.7412	-0.6661
0.925	*****	-1.2333	-0.7228	-0.7211	-0.7211	-0.7211	-0.7211	-0.7211	-0.7211	*****
0.950	-1.2786	-1.2348	-0.7195	-0.7048	-0.7048	-0.7048	-0.7048	-0.7048	-0.7048	-0.6406
0.975	*****	-1.2223	-0.6969	-0.6799	-0.6799	-0.6799	-0.6799	-0.6799	-0.6799	-0.5990
1.000	-1.2700	-1.2412	-0.6635	-0.6532	-0.6532	-0.6532	-0.6532	-0.6532	-0.6532	-0.5636
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5979	0.5334	0.4996	*****	*****	*****	*****	*****	*****	0.5307
-0.400	0.5952	0.5333	0.4726	0.2703	0.2703	0.2703	0.2703	0.2703	0.2703	-0.4451
-0.600	0.5985	0.5305	0.4610	0.2982	0.2982	0.2982	0.2982	0.2982	0.2982	-0.4932
-0.700	*****	0.5367	0.4594	0.3054	0.3054	0.3054	0.3054	0.3054	0.3054	-0.4739
-0.800	*****	*****	0.4496	0.3201	0.3201	0.3201	0.3201	0.3201	0.3201	-0.4468
-0.850	*****	0.4778	0.4290	0.3183	0.3183	0.3183	0.3183	0.3183	0.3183	-0.3830
-0.900	0.4995	0.4081	0.3855	0.2940	0.2940	0.2940	0.2940	0.2940	0.2940	-0.3628
-0.950	0.4162	0.1719	0.2448	0.2085	0.2085	0.2085	0.2085	0.2085	0.2085	-0.3226
-0.975	*****	0.0555	0.0675	0.0767	0.0767	0.0767	0.0767	0.0767	0.0767	-0.1221
-1.000	-1.2727	-1.2538	-0.7663	-0.5919	-0.5919	-0.5919	-0.5919	-0.5919	-0.5919	-0.1183

Small Radius L.E.

Run No. = 43, Point No. = 920

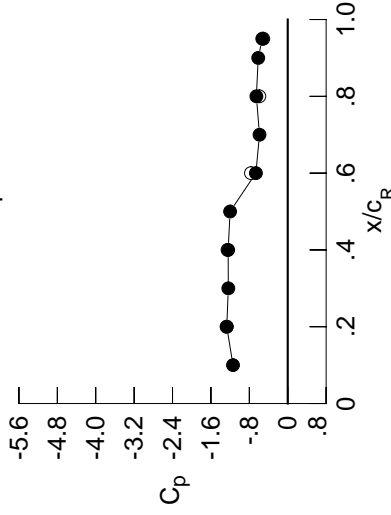
$C_N = 1.086$, $C_m = -0.1816$

$\alpha = 24.6^\circ$, $M_\infty = 0.899$

$R_{mac} = 5.9 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	-1.1402	*****
0.20	-1.2700	-1.2727
0.30	-1.2379	*****
0.40	-1.2412	-1.2538
0.50	-1.2008	*****
0.60	-0.6635	-0.7663
0.70	-0.5882	*****
0.80	-0.6532	-0.5919
0.90	-0.6147	*****
0.95	-0.5307	-0.5098

Surface Pressures

- upper, starboard
- lower, port

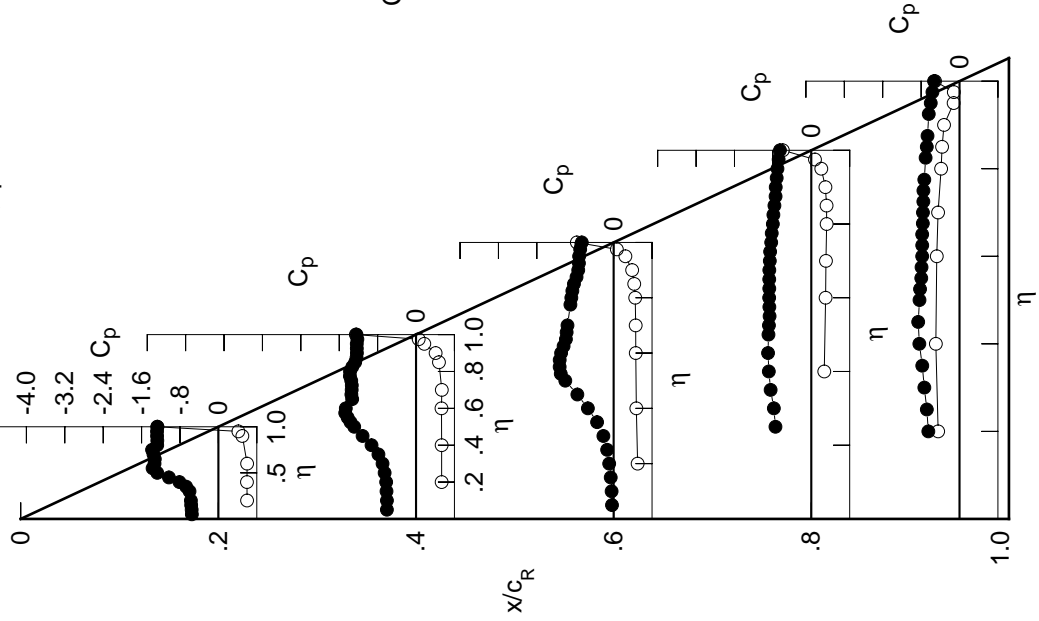
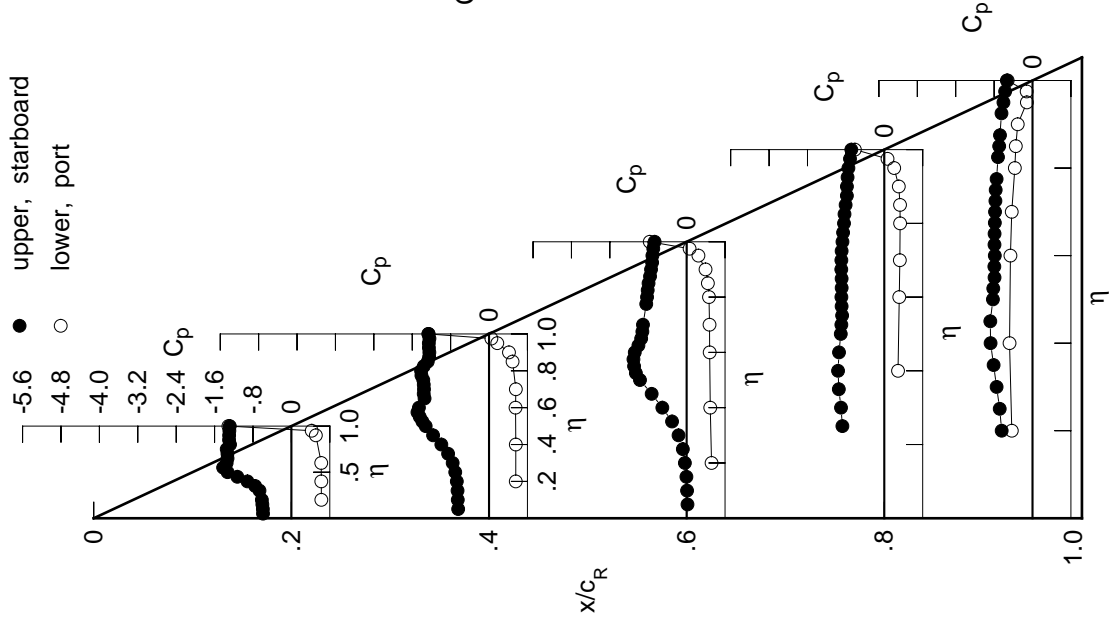


Table D6. Continued.

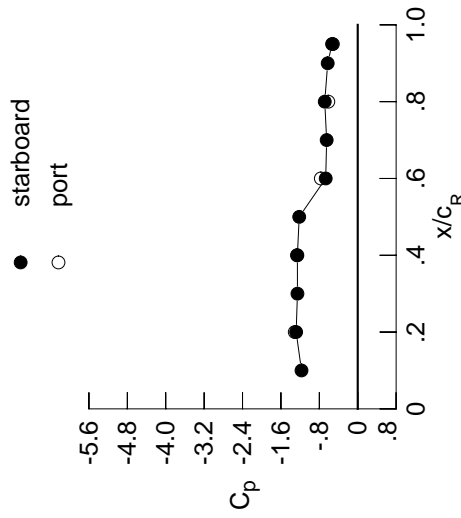
η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5913	-0.6433	0.0174	*****	*****
0.100	-0.5942	-0.6509	0.0086	*****	*****
0.150	-0.6049	-0.6562	-0.0052	*****	*****
0.200	-0.6151	-0.6709	-0.0365	*****	-0.6424
0.250	*****	-0.7038	-0.0791	-0.8731	-0.6835
0.300	-0.6645	-0.7576	-0.1688	-0.9016	-0.7484
0.350	-0.7548	-0.8528	-0.3042	-0.9472	-0.8108
0.400	-0.9150	-0.9932	-0.5067	-0.9629	-0.8739
0.450	-1.1255	-1.1655	-0.7290	-0.9432	-0.8792
0.500	-1.3298	-1.3204	-0.9717	-0.9061	-0.8249
0.525	*****	-1.3883	-1.0577	-0.8944	-0.8176
0.550	-1.4223	-1.4430	-1.0955	-0.8786	-0.7915
0.575	*****	-1.4913	-1.1081	-0.8890	-0.7949
0.600	-1.3489	-1.4607	-1.0804	-0.8932	-0.7856
0.625	*****	*****	-1.0050	-0.8883	-0.7919
0.650	-1.3304	-1.3429	-0.9473	-0.8890	-0.7901
0.675	*****	-1.3609	-0.9223	-0.8962	-0.7848
0.700	-1.3324	-1.3551	-0.9092	-0.8943	-0.7811
0.725	*****	-1.3597	*****	-0.8890	-0.7732
0.750	-1.3471	-1.3693	*****	-0.8709	-0.7671
0.775	*****	-1.4086	-0.8414	-0.8585	-0.7478
0.800	-1.2781	-1.4156	-0.8246	-0.8395	*****
0.825	*****	-1.3594	-0.8113	-0.8290	-0.7194
0.850	-1.2981	-1.2768	-0.7935	-0.8059	-0.6942
0.875	*****	-1.2477	-0.7626	-0.7789	-0.6776
0.900	-1.2964	-1.2433	-0.7414	-0.7782	*****
0.925	*****	-1.2528	-0.7195	-0.7649	-0.6467
0.950	-1.2921	-1.2542	-0.7135	-0.7469	-0.6053
0.975	*****	-1.2415	-0.6953	-0.7145	-0.5703
1.000	-1.2829	-1.2572	-0.6673	-0.6872	-0.5347
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6242	0.5567	0.5189	*****	-0.4314
-0.400	0.6231	0.5576	0.4922	0.2861	-0.4785
-0.600	0.6219	0.5523	0.4796	0.3120	-0.4600
-0.700	*****	0.5584	0.4766	0.3242	-0.4326
-0.800	*****	*****	0.4655	0.3297	-0.3680
-0.850	*****	0.4906	0.4424	0.3281	-0.3481
-0.900	0.5095	0.4149	0.3932	0.3022	-0.3080
-0.950	0.4229	0.1722	0.2459	0.2068	-0.1177
-0.975	*****	0.0487	0.0619	0.0675	-0.1213
-1.000	-1.3123	-1.2652	-0.7690	-0.6128	-0.5176

Surface Pressures



Small Radius L.E.
 Run No. = 43, Point No. = 921
 $C_N = 1.115$, $C_m = -0.1794$
 $\alpha = 25.7^\circ$, $M_\infty = 0.900$
 $R_{mac} = 5.9 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1711	*****
0.20	-1.2829	-1.3123
0.30	-1.2559	*****
0.40	-1.2572	-1.2652
0.50	-1.2189	*****
0.60	-0.6673	-0.7690
0.70	-0.6475	*****
0.80	-0.6872	-0.6128
0.90	-0.6256	*****
0.95	-0.5347	-0.5176

Table D6. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6261	-0.6742	0.0153	*****	*****	*****	*****	*****	*****	
0.100	-0.6286	-0.6811	0.0100	*****	*****	*****	*****	*****	*****	
0.150	-0.6428	-0.6918	0.0000	*****	*****	*****	*****	*****	*****	
0.200	-0.6554	-0.7122	-0.0298	*****	*****	*****	*****	*****	-0.7051	
0.250	*****	-0.7533	-0.0778	-0.9575	-0.9575	-0.9575	-0.9575	-0.9575	-0.7784	
0.300	-0.7281	-0.8157	-0.1710	-0.9494	-0.9494	-0.9494	-0.9494	-0.9494	-0.8558	
0.350	-0.8386	-0.9188	-0.3133	-0.9460	-0.9460	-0.9460	-0.9460	-0.9460	-0.8861	
0.400	-1.0093	-1.0598	-0.5089	-0.8984	-0.8984	-0.8984	-0.8984	-0.8984	-0.8741	
0.450	-1.2045	-1.2192	-0.7263	-0.8419	-0.8419	-0.8419	-0.8419	-0.8419	-0.8206	
0.500	-1.3769	-1.3576	-0.9431	-0.8208	-0.8208	-0.8208	-0.8208	-0.8208	-0.7787	
0.525	*****	-1.4153	-1.0264	-0.8273	-0.8273	-0.8273	-0.8273	-0.8273	-0.7866	
0.550	-1.4552	-1.4633	-1.0720	-0.8277	-0.8277	-0.8277	-0.8277	-0.8277	-0.7800	
0.575	*****	-1.5034	-1.0935	-0.8481	-0.8481	-0.8481	-0.8481	-0.8481	-0.7958	
0.600	-1.3852	-1.4602	-1.0639	-0.8622	-0.8622	-0.8622	-0.8622	-0.8622	-0.7954	
0.625	*****	*****	-0.9577	-0.8653	-0.8653	-0.8653	-0.8653	-0.8653	-0.8003	
0.650	-1.3714	-1.3549	-0.8703	-0.8701	-0.8701	-0.8701	-0.8701	-0.8701	-0.8018	
0.675	*****	-1.3743	-0.8409	-0.8784	-0.8784	-0.8784	-0.8784	-0.8784	-0.7908	
0.700	-1.3792	-1.3718	-0.8608	-0.8803	-0.8803	-0.8803	-0.8803	-0.8803	-0.7864	
0.725	*****	-1.3743	*****	-0.8775	-0.8775	-0.8775	-0.8775	-0.8775	-0.7788	
0.750	-1.3880	-1.3861	*****	-0.8584	-0.8584	-0.8584	-0.8584	-0.8584	-0.7736	
0.775	*****	-1.4328	-0.8133	-0.8518	-0.8518	-0.8518	-0.8518	-0.8518	-0.7598	
0.800	-1.3164	-1.4400	-0.7950	-0.8381	*****	*****	*****	*****	*****	
0.825	*****	-1.3753	-0.7843	-0.8298	-0.8298	-0.8298	-0.8298	-0.8298	-0.7309	
0.850	-1.3086	-1.2956	-0.7746	-0.8121	-0.8121	-0.8121	-0.8121	-0.8121	-0.7069	
0.875	*****	-1.2679	-0.7644	-0.7838	-0.7838	-0.7838	-0.7838	-0.7838	-0.6898	
0.900	-1.2987	-1.2694	-0.7601	-0.7840	*****	*****	*****	*****	*****	
0.925	*****	-1.2824	-0.7475	-0.7697	-0.7697	-0.7697	-0.7697	-0.7697	-0.6558	
0.950	-1.2972	-1.2846	-0.7489	-0.7593	-0.7593	-0.7593	-0.7593	-0.7593	-0.6158	
0.975	*****	-1.2734	-0.7439	-0.7311	-0.7311	-0.7311	-0.7311	-0.7311	-0.5820	
1.000	-1.2885	-1.2927	-0.7268	-0.6934	-0.6934	-0.6934	-0.6934	-0.6934	-0.5456	
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.400	0.6532	0.5810	0.5398	*****	*****	*****	*****	*****	-0.4172	
-0.600	0.6514	0.5818	0.5122	0.3043	-0.4665	-0.4665	-0.4665	-0.4665	-0.4665	
-0.700	0.6475	0.5754	0.5008	0.3281	-0.4468	-0.4468	-0.4468	-0.4468	-0.4468	
-0.800	*****	0.5794	0.4931	0.3354	-0.4183	-0.4183	-0.4183	-0.4183	-0.4183	
-0.850	*****	*****	0.4818	0.3425	-0.3547	-0.3547	-0.3547	-0.3547	-0.3547	
-0.900	*****	0.5040	0.4550	0.3388	-0.3333	-0.3333	-0.3333	-0.3333	-0.3333	
-0.950	0.5225	0.4229	0.4020	0.3082	-0.2937	-0.2937	-0.2937	-0.2937	-0.2937	
-0.975	0.4300	0.1776	0.2454	0.2037	-0.1139	-0.1139	-0.1139	-0.1139	-0.1139	
-1.000	*****	0.0414	0.0560	0.0541	-0.1255	-0.1255	-0.1255	-0.1255	-0.1255	
-1.000	-1.3155	-1.2921	-0.7515	-0.6450	-0.6450	-0.6450	-0.6450	-0.6450	-0.5294	

Small Radius L.E.

Run No. = 43 , Point No. = 922

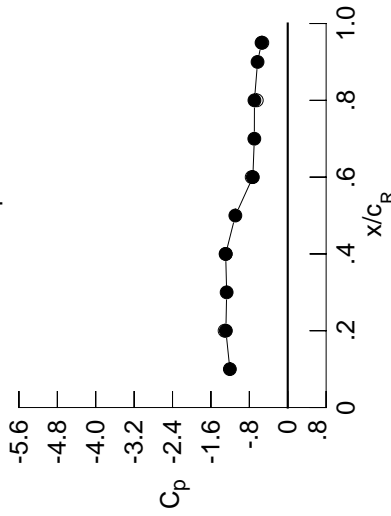
$C_N = 1.144$, $C_m = -0.1806$

$\alpha = 26.7^\circ$, $M_\infty = 0.900$

$R_{mac} = 5.9 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2057	*****
0.20	-1.2885	-1.3155
0.30	-1.2725	*****
0.40	-1.2927	-1.2921
0.50	-1.0910	*****
0.60	-0.7268	-0.7515
0.70	-0.6958	*****
0.80	-0.6934	-0.6450
0.90	-0.6284	*****
0.95	-0.5456	-0.5294

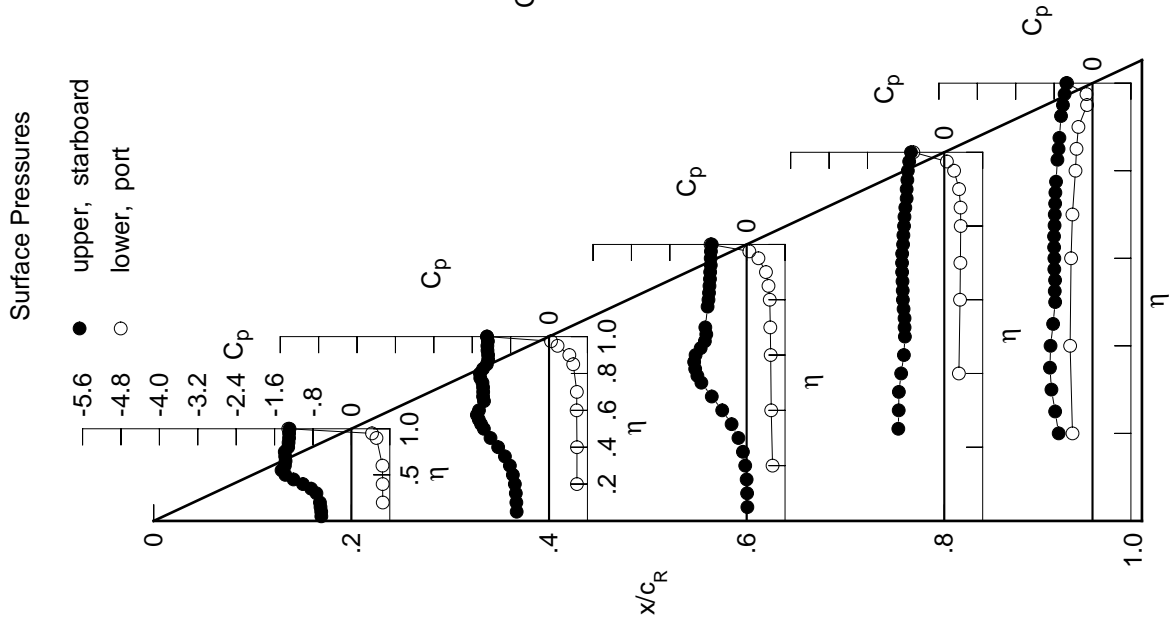


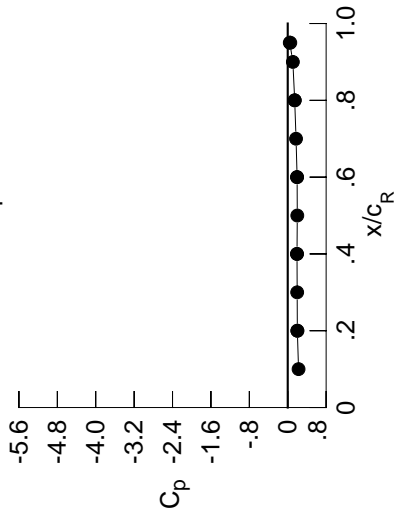
Table D6. Concluded.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0133	-0.0015	0.1345	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0129	-0.0020	0.1277	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0199	-0.0025	0.1138	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0244	-0.0002	0.1002	*****	*****	*****	*****	*****	*****	-0.5627
0.250	*****	-0.0052	0.0890	-0.1410	-0.5871	*****	*****	*****	*****	-0.5871
0.300	-0.0371	-0.0031	0.0767	-0.1198	-0.5819	*****	*****	*****	*****	-0.5819
0.350	-0.0416	-0.0072	0.0631	-0.1111	-0.5917	*****	*****	*****	*****	-0.5917
0.400	-0.0569	-0.0068	0.0581	-0.0992	-0.6177	*****	*****	*****	*****	-0.6177
0.450	-0.0561	-0.0127	0.0558	-0.0942	-0.6361	*****	*****	*****	*****	-0.6361
0.500	-0.0629	-0.0141	0.0389	-0.0890	-0.6512	*****	*****	*****	*****	-0.6512
0.525	*****	-0.0142	0.0382	-0.0865	-0.6696	*****	*****	*****	*****	-0.6696
0.550	-0.0669	-0.0191	0.0362	-0.0812	-0.6722	*****	*****	*****	*****	-0.6722
0.575	*****	-0.0155	0.0342	-0.0777	-0.6832	*****	*****	*****	*****	-0.6832
0.600	-0.0699	-0.0154	0.0285	-0.0782	-0.6859	*****	*****	*****	*****	-0.6859
0.625	*****	*****	0.0249	-0.0733	-0.6890	*****	*****	*****	*****	-0.6890
0.650	-0.0684	-0.0361	0.0195	-0.0730	-0.6873	*****	*****	*****	*****	-0.6873
0.675	*****	-0.0493	0.0124	-0.0737	-0.6799	*****	*****	*****	*****	-0.6799
0.700	-0.0613	-0.0534	0.0101	-0.0760	-0.6873	*****	*****	*****	*****	-0.6873
0.725	*****	-0.0618	*****	-0.0745	-0.6768	*****	*****	*****	*****	-0.6768
0.750	-0.0500	-0.0661	*****	-0.0755	-0.6771	*****	*****	*****	*****	-0.6771
0.775	*****	-0.0750	-0.0219	-0.0778	-0.6654	*****	*****	*****	*****	-0.6654
0.800	-0.0300	-0.0762	-0.0364	-0.0772	*****	*****	*****	*****	*****	-0.6654
0.825	*****	-0.0779	-0.0472	-0.0967	-0.6573	*****	*****	*****	*****	-0.6573
0.850	-0.0056	-0.0708	-0.0588	-0.1107	-0.5913	*****	*****	*****	*****	-0.5913
0.875	*****	-0.0620	-0.0611	-0.1185	-0.5629	*****	*****	*****	*****	-0.5629
0.900	0.0342	-0.0406	-0.0581	-0.1332	*****	*****	*****	*****	*****	-0.5629
0.925	*****	-0.0120	-0.0391	-0.1233	-0.5443	*****	*****	*****	*****	-0.5443
0.950	0.0769	0.0193	-0.0081	-0.0900	-0.3136	*****	*****	*****	*****	-0.3136
0.975	*****	0.0713	0.0509	-0.0280	-0.1858	*****	*****	*****	*****	-0.1858
1.000	0.2001	0.1932	0.1954	0.1451	0.0425	*****	*****	*****	*****	0.0425
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0197	0.0022	0.0993	*****	-0.5848	*****	*****	*****	*****	-0.5848
-0.400	-0.0527	0.0000	0.0541	-0.0975	-0.6055	*****	*****	*****	*****	-0.6055
-0.600	-0.0719	-0.0146	0.0230	-0.0749	-0.6873	*****	*****	*****	*****	-0.6873
-0.700	*****	-0.0498	0.0087	-0.0746	-0.6859	*****	*****	*****	*****	-0.6859
-0.800	*****	*****	-0.0456	-0.0804	-0.6603	*****	*****	*****	*****	-0.6603
-0.850	*****	-0.0863	-0.0665	-0.1156	-0.5782	*****	*****	*****	*****	-0.5782
-0.900	-0.0087	-0.0508	-0.0693	-0.1448	-0.5095	*****	*****	*****	*****	-0.5095
-0.950	0.0227	0.0154	-0.0203	-0.1074	-0.3245	*****	*****	*****	*****	-0.3245
-0.975	*****	0.0648	0.0337	-0.0428	-0.1957	*****	*****	*****	*****	-0.1957
-1.000	0.2012	0.1917	0.1928	0.1467	0.0540	*****	*****	*****	*****	0.0540

Small Radius L.E.
 Run No. = 43 , Point No. = 924
 $C_N = -0.014$, $C_m = 0.0054$
 $\alpha = 0.1^\circ$, $M_\infty = 0.898$
 $R_{mac} = 6.0 \times 10^6$

Leading Edge Pressures

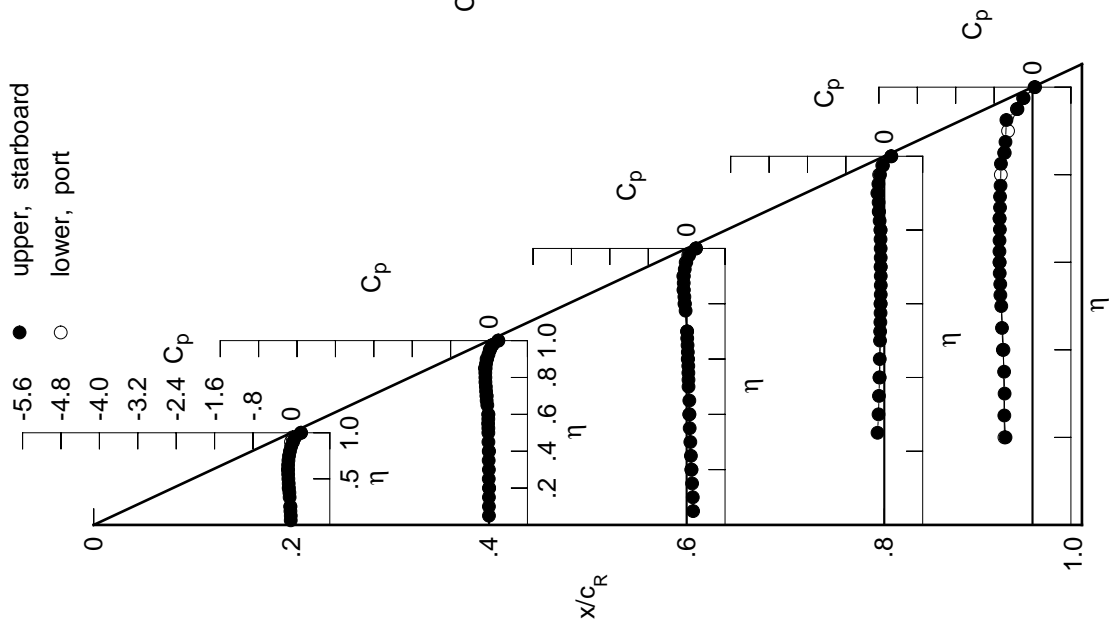
● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2254	*****
0.20	0.2001	0.2012
0.30	0.1967	*****
0.40	0.1932	0.1917
0.50	0.1989	*****
0.60	0.1954	0.1928
0.70	0.1731	*****
0.80	0.1451	0.1467
0.90	0.1069	*****
0.95	0.0425	0.0540

Surface Pressures

● upper, starboard
 ○ lower, port



Appendix E

Experimental Surface Pressure Data for 65° Delta Wing, $R_{\text{mac}} = 60 \times 10^6$

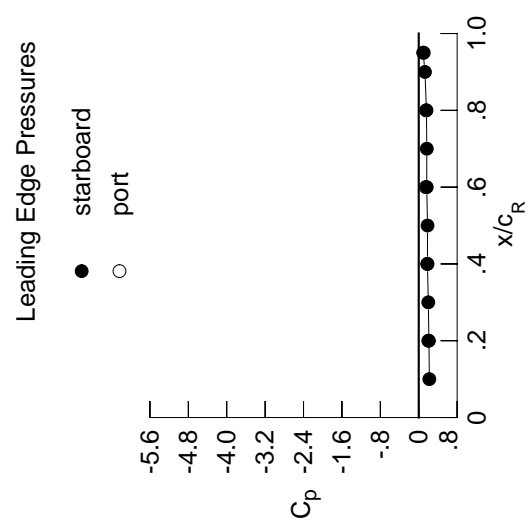
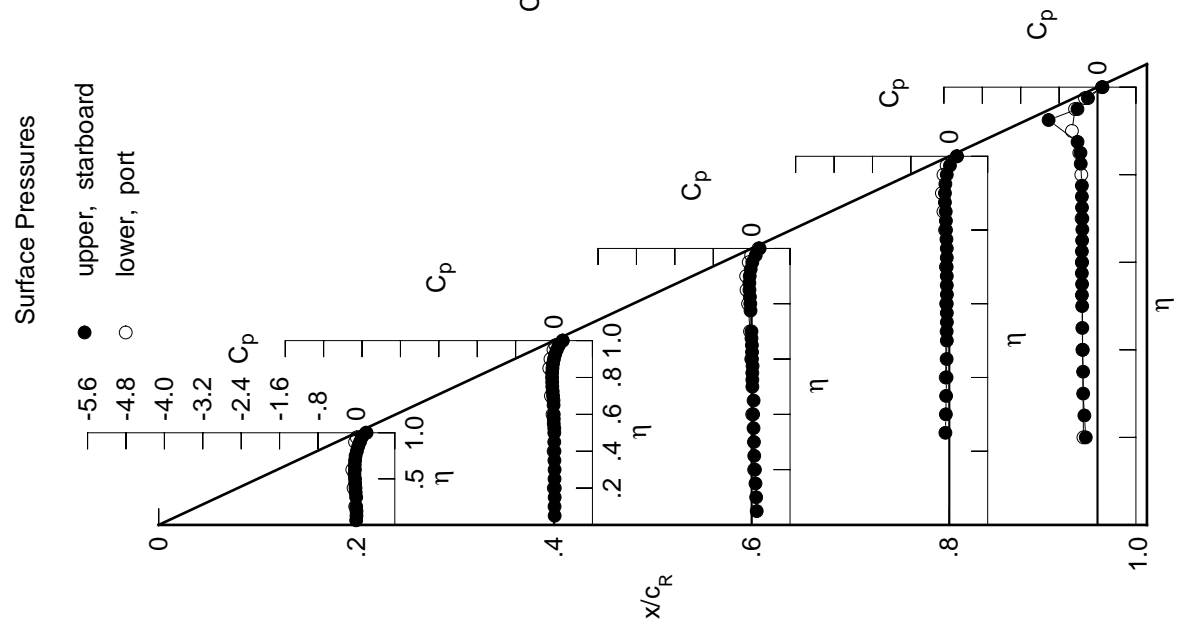
The experimental surface pressure data for the 65° delta wing at constant $R_{\text{mac}} = 60 \times 10^6$ are summarized in tables E1–E6. Because of the extensive data contained in these tables, they have not been included in the printed copy of the paper but are available electronically from the Langley Technical Report Server (LTRS). Open the files with the following Uniform Resource Locator (URL):

<ftp://techreports.larc.nasa.gov/pub/techreports/larc/95/NASA-95-tm4645vol2appE.ps.Z>

Table E1. Tabulations and Plots of Surface Pressure Coefficients.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0041	0.0127	0.1055	0.1055	0.1055	0.1055	0.1055	0.1055	0.1055	0.1055
0.100	0.0012	0.0107	0.0945	0.0945	0.0945	0.0945	0.0945	0.0945	0.0945	0.0945
0.150	0.0023	0.0125	0.0802	0.0802	0.0802	0.0802	0.0802	0.0802	0.0802	0.0802
0.200	-0.0049	0.0148	0.0681	0.0681	0.0681	0.0681	0.0681	0.0681	0.0681	0.0681
0.250	*****	0.0107	0.0546	0.0546	0.0546	0.0546	0.0546	0.0546	0.0546	0.0546
0.300	-0.0045	0.0123	0.0482	0.0482	0.0482	0.0482	0.0482	0.0482	0.0482	0.0482
0.350	-0.0154	0.0078	0.0391	0.0391	0.0391	0.0391	0.0391	0.0391	0.0391	0.0391
0.400	-0.0185	0.0090	0.0301	0.0301	0.0301	0.0301	0.0301	0.0301	0.0301	0.0301
0.450	-0.0262	0.0047	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412
0.500	-0.0286	0.0052	0.0155	0.0155	0.0155	0.0155	0.0155	0.0155	0.0155	0.0155
0.525	*****	0.0052	0.0146	0.0146	0.0146	0.0146	0.0146	0.0146	0.0146	0.0146
0.550	-0.0401	-0.0064	0.0134	0.0134	0.0134	0.0134	0.0134	0.0134	0.0134	0.0134
0.575	*****	-0.0058	0.0195	0.0195	0.0195	0.0195	0.0195	0.0195	0.0195	0.0195
0.600	-0.0313	-0.0061	0.0062	0.0062	0.0062	0.0062	0.0062	0.0062	0.0062	0.0062
0.625	*****	*****	0.0079	0.0079	0.0079	0.0079	0.0079	0.0079	0.0079	0.0079
0.650	-0.0344	-0.0099	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060
0.675	*****	-0.0115	-0.0029	-0.0029	-0.0029	-0.0029	-0.0029	-0.0029	-0.0029	-0.0029
0.700	-0.0268	-0.0210	-0.0028	-0.0028	-0.0028	-0.0028	-0.0028	-0.0028	-0.0028	-0.0028
0.725	*****	-0.0280	*****	*****	*****	*****	*****	*****	*****	*****
0.750	-0.0168	-0.0357	*****	*****	*****	*****	*****	*****	*****	*****
0.775	*****	-0.0382	-0.0229	-0.0229	-0.0229	-0.0229	-0.0229	-0.0229	-0.0229	-0.0229
0.800	0.0093	-0.0411	-0.0281	-0.0281	-0.0281	-0.0281	-0.0281	-0.0281	-0.0281	-0.0281
0.825	*****	-0.0399	-0.0356	-0.0356	-0.0356	-0.0356	-0.0356	-0.0356	-0.0356	-0.0356
0.850	0.0362	-0.0329	-0.0452	-0.0452	-0.0452	-0.0452	-0.0452	-0.0452	-0.0452	-0.0452
0.875	*****	-0.0213	-0.0468	-0.0468	-0.0468	-0.0468	-0.0468	-0.0468	-0.0468	-0.0468
0.900	0.0745	-0.0025	-0.0403	-0.0403	-0.0403	-0.0403	-0.0403	-0.0403	-0.0403	-0.0403
0.925	*****	0.0234	-0.0201	-0.0201	-0.0201	-0.0201	-0.0201	-0.0201	-0.0201	-0.0201
0.950	0.1113	0.0579	0.0135	0.0135	0.0135	0.0135	0.0135	0.0135	0.0135	0.0135
0.975	*****	0.1029	0.0840	0.0840	0.0840	0.0840	0.0840	0.0840	0.0840	0.0840
1.000	0.2123	0.1816	0.1662	0.1662	0.1662	0.1662	0.1662	0.1662	0.1662	0.1662
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	-0.0251	-0.0051	0.0517	0.0517	0.0517	0.0517	0.0517	0.0517	0.0517	0.0517
-0.600	-0.0582	-0.0076	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109
-0.700	-0.0847	-0.0309	-0.0083	-0.0083	-0.0083	-0.0083	-0.0083	-0.0083	-0.0083	-0.0083
-0.800	*****	-0.0649	-0.0334	-0.0334	-0.0334	-0.0334	-0.0334	-0.0334	-0.0334	-0.0334
-0.850	*****	*****	-0.0747	-0.0747	-0.0747	-0.0747	-0.0747	-0.0747	-0.0747	-0.0747
-0.900	*****	-0.0990	-0.1062	-0.1062	-0.1062	-0.1062	-0.1062	-0.1062	-0.1062	-0.1062
-0.950	-0.0279	-0.0747	-0.1144	-0.1144	-0.1144	-0.1144	-0.1144	-0.1144	-0.1144	-0.1144
-0.975	0.0069	-0.0109	-0.0609	-0.0609	-0.0609	-0.0609	-0.0609	-0.0609	-0.0609	-0.0609
-1.000	0.1996	0.1774	0.1433	0.1433	0.1433	0.1433	0.1433	0.1433	0.1433	0.1433

Small Radius L.E.
 Run No. = 44 , Point No. = 928
 $C_N = -0.024$, $C_m = 0.0025$
 $\alpha = -0.6^\circ$, $M_\infty = 0.401$
 $R_{mac} = 59.6 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.2211	*****
0.20	0.2123	0.1996
0.30	0.1992	*****
0.40	0.1816	0.1774
0.50	0.1835	*****
0.60	0.1662	0.1433
0.70	0.1683	*****
0.80	0.1609	0.1550
0.90	0.1297	*****
0.95	0.0927	0.1044

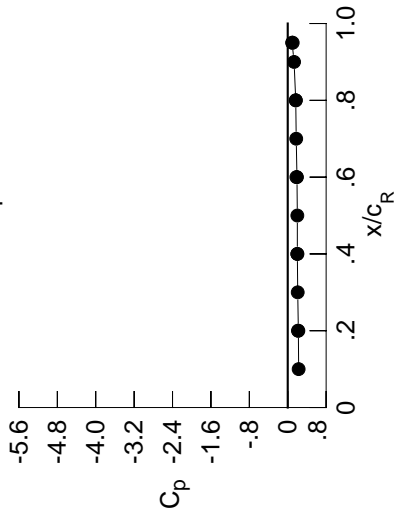
Table E1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0096	0.0052	0.1021	*****	*****	*****	*****	*****	*****	
0.100	-0.0066	0.0046	0.0900	*****	*****	*****	*****	*****	*****	
0.150	-0.0075	0.0062	0.0754	*****	*****	*****	*****	*****	*****	
0.200	-0.0120	0.0069	0.0629	*****	*****	*****	*****	*****	-0.2417	
0.250	*****	0.0041	0.0490	-0.0825	-0.2701	*****	*****	*****	*****	
0.300	-0.0129	0.0046	0.0432	-0.0750	-0.2935	*****	*****	*****	*****	
0.350	-0.0255	0.0002	0.0323	-0.0677	-0.2983	*****	*****	*****	*****	
0.400	-0.0288	0.0017	0.0240	-0.0606	-0.3086	*****	*****	*****	*****	
0.450	-0.0378	-0.0047	0.0341	-0.0588	-0.3156	*****	*****	*****	*****	
0.500	-0.0412	-0.0028	0.0102	-0.0554	-0.3159	*****	*****	*****	*****	
0.525	*****	-0.0049	0.0081	-0.0572	-0.3216	*****	*****	*****	*****	
0.550	-0.0484	-0.0141	0.0071	-0.0542	-0.3170	*****	*****	*****	*****	
0.575	*****	-0.0162	0.0137	-0.0566	-0.3235	*****	*****	*****	*****	
0.600	-0.0450	-0.0155	-0.0022	-0.0573	-0.3242	*****	*****	*****	*****	
0.625	*****	*****	0.0005	-0.0546	-0.3211	*****	*****	*****	*****	
0.650	-0.0491	-0.0237	-0.0024	-0.0574	-0.3177	*****	*****	*****	*****	
0.675	*****	-0.0242	-0.0105	-0.0583	-0.3128	*****	*****	*****	*****	
0.700	-0.0428	-0.0344	-0.0121	-0.0606	-0.3136	*****	*****	*****	*****	
0.725	*****	-0.0417	*****	-0.0594	-0.3184	*****	*****	*****	*****	
0.750	-0.0345	-0.0494	*****	-0.0590	-0.3203	*****	*****	*****	*****	
0.775	*****	-0.0541	-0.0351	-0.0683	-0.3198	*****	*****	*****	*****	
0.800	-0.0097	-0.0587	-0.0425	-0.0785	*****	*****	*****	*****	*****	
0.825	*****	-0.0578	-0.0517	-0.0791	-0.3448	*****	*****	*****	*****	
0.850	0.0176	-0.0522	-0.0614	-0.0895	-0.3502	*****	*****	*****	*****	
0.875	*****	-0.0412	-0.0654	-0.1052	-0.4137	*****	*****	*****	*****	
0.900	0.0548	-0.0236	-0.0624	-0.1093	*****	*****	*****	*****	*****	
0.925	*****	0.0011	-0.0443	-0.1038	-1.0358	*****	*****	*****	*****	
0.950	0.0912	0.0344	-0.0110	-0.0766	-0.4347	*****	*****	*****	*****	
0.975	*****	0.0773	0.0574	-0.0141	-0.2215	*****	*****	*****	*****	
1.000	0.2214	0.2001	0.1924	0.1668	0.0910	*****	*****	*****	*****	
η	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.200	-0.0164	0.0008	0.0563	*****	-0.2956	*****	*****	*****	*****	
-0.400	-0.0478	-0.0009	0.0170	-0.0696	-0.3136	*****	*****	*****	*****	
-0.600	-0.0703	-0.0199	-0.0021	-0.0605	-0.3243	*****	*****	*****	*****	
-0.700	*****	-0.0512	-0.0242	-0.0627	-0.3330	*****	*****	*****	*****	
-0.800	*****	*****	-0.0603	-0.0782	-0.3382	*****	*****	*****	*****	
-0.850	*****	-0.0743	-0.0880	-0.1095	-0.3806	*****	*****	*****	*****	
-0.900	-0.0082	-0.0503	-0.0907	-0.1354	-0.5274	*****	*****	*****	*****	
-0.950	0.0280	0.0115	-0.0332	-0.0947	-0.4495	*****	*****	*****	*****	
-0.975	*****	0.0582	0.0209	-0.0267	-0.2395	*****	*****	*****	*****	
-1.000	0.2131	0.2000	0.1803	0.1693	0.1039	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 44 , Point No. = 929
 $C_N = -0.007$, $C_m = 0.0001$
 $\alpha = -0.1^\circ$, $M_\infty = 0.401$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2275	*****
0.20	0.2214	0.2131
0.30	0.2082	*****
0.40	0.2001	0.2000
0.50	0.2000	*****
0.60	0.1924	0.1803
0.70	0.1769	*****
0.80	0.1668	0.1693
0.90	0.1323	*****
0.95	0.0910	0.1039

Surface Pressures

● upper, starboard
 ○ lower, port

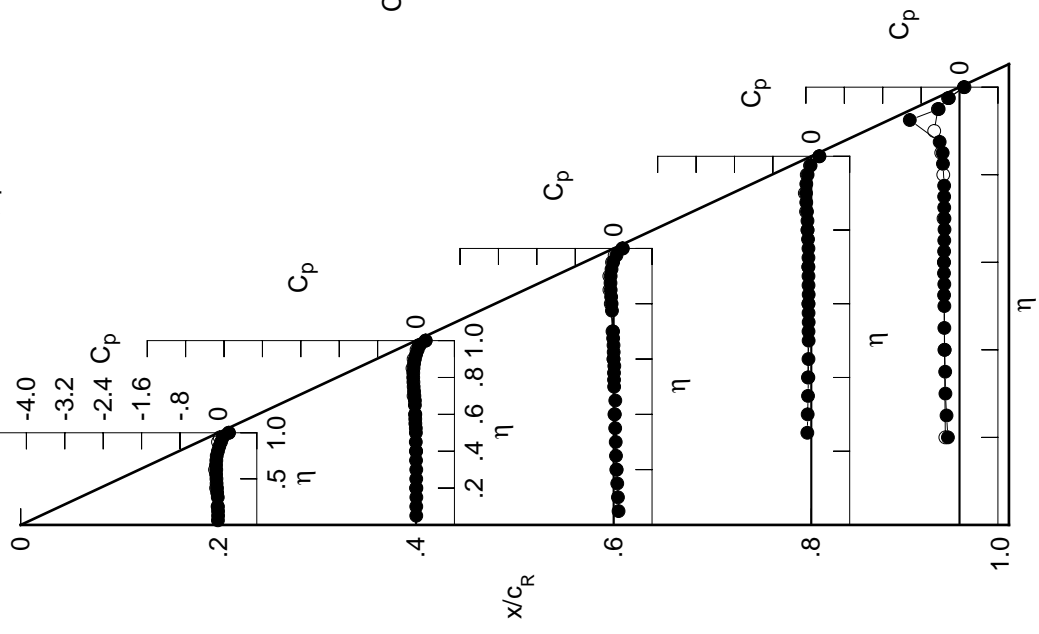


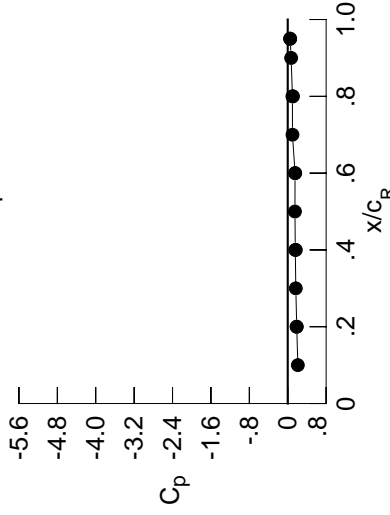
Table E1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0308	-0.0087	0.0891	0.0891	0.0891	0.0891	0.0891	0.0891	0.0891	0.0891
0.100	-0.0268	-0.0113	0.0810	0.0810	0.0810	0.0810	0.0810	0.0810	0.0810	0.0810
0.150	-0.0259	-0.0089	0.0641	0.0641	0.0641	0.0641	0.0641	0.0641	0.0641	0.0641
0.200	-0.0345	-0.0095	0.0519	0.0519	0.0519	0.0519	0.0519	0.0519	0.0519	0.0519
0.250	*****	-0.0121	0.0366	0.0366	0.0366	0.0366	0.0366	0.0366	0.0366	0.0366
0.300	-0.0331	-0.0113	0.0316	0.0316	0.0316	0.0316	0.0316	0.0316	0.0316	0.0316
0.350	-0.0471	-0.0168	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207
0.400	-0.0520	-0.0155	0.0117	0.0117	0.0117	0.0117	0.0117	0.0117	0.0117	0.0117
0.450	-0.0621	-0.0242	0.0197	0.0197	0.0197	0.0197	0.0197	0.0197	0.0197	0.0197
0.500	-0.0678	-0.0212	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049
0.525	*****	-0.0241	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073
0.550	-0.0766	-0.0335	0.0088	0.0088	0.0088	0.0088	0.0088	0.0088	0.0088	0.0088
0.575	*****	-0.0384	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
0.600	-0.0751	-0.0367	0.0193	0.0193	0.0193	0.0193	0.0193	0.0193	0.0193	0.0193
0.625	*****	*****	-0.0164	0.0658	-0.0164	0.0658	-0.0164	0.0658	-0.0164	0.0658
0.650	-0.0823	-0.0473	0.0212	0.0212	0.0212	0.0212	0.0212	0.0212	0.0212	0.0212
0.675	*****	-0.0513	0.0302	0.0302	0.0302	0.0302	0.0302	0.0302	0.0302	0.0302
0.700	-0.0784	-0.0619	0.0337	0.0337	0.0337	0.0337	0.0337	0.0337	0.0337	0.0337
0.725	*****	-0.0732	*****	-0.0760	-0.0760	-0.0760	-0.0760	-0.0760	-0.0760	-0.0760
0.750	-0.0738	-0.0842	*****	-0.0751	-0.0751	-0.0751	-0.0751	-0.0751	-0.0751	-0.0751
0.775	*****	-0.0895	-0.0625	0.0869	-0.0625	0.0869	-0.0625	0.0869	-0.0625	0.0869
0.800	-0.0506	-0.0982	0.0736	0.0970	0.0736	0.0970	0.0736	0.0970	0.0736	0.0970
0.825	*****	-0.1006	0.0838	0.1017	0.0838	0.1017	0.0838	0.1017	0.0838	0.1017
0.850	-0.0251	-0.0968	0.0999	0.1146	0.0999	0.1146	0.0999	0.1146	0.0999	0.1146
0.875	*****	-0.0892	0.1081	0.1406	-0.0892	0.1406	-0.0892	0.1406	-0.0892	0.1406
0.900	0.0096	-0.0759	-0.1120	-0.1510	0.0096	-0.1510	0.0096	-0.1510	0.0096	-0.1510
0.925	*****	-0.0520	0.0986	-0.1526	-0.0520	0.0986	-0.1526	-0.0520	0.0986	-0.1526
0.950	0.0396	-0.0252	0.0720	-0.1342	0.0396	-0.1342	0.0396	-0.1342	0.0396	-0.1342
0.975	*****	0.0149	-0.0091	0.0801	-0.0091	0.0801	-0.0091	0.0801	-0.0091	0.0801
1.000	0.1875	0.1576	0.1525	0.0979	0.1875	0.1525	0.0979	0.1875	0.1525	0.0979
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0027	0.0179	0.0652	0.2974	0.0027	0.0652	0.2974	0.0027	0.0652	0.2974
-0.600	-0.0235	0.0166	0.0306	-0.0611	-0.0235	0.0306	-0.0611	-0.0235	0.0306	-0.0611
-0.700	-0.0397	0.0035	0.0152	-0.0504	-0.0397	0.0152	-0.0504	-0.0397	0.0152	-0.0504
-0.800	*****	-0.0219	-0.0029	-0.0497	-0.0219	-0.0497	-0.0219	-0.0219	-0.0497	-0.0219
-0.850	*****	*****	-0.0312	-0.0572	-0.0312	-0.0572	-0.0312	-0.0312	-0.0572	-0.0312
-0.900	0.0337	0.0010	-0.0416	-0.0949	0.0337	-0.0416	-0.0949	0.0337	-0.0416	-0.0949
-0.950	0.0720	0.0466	0.0228	-0.0407	0.0720	0.0466	-0.0407	0.0720	0.0466	-0.0407
-0.975	*****	0.1151	0.0809	0.0316	0.1151	0.0809	0.0316	0.1151	0.0809	0.0316
-1.000	0.1847	0.1689	0.1561	0.1099	0.1847	0.1561	0.1099	0.1847	0.1561	0.1099

Small Radius L.E.
 Run No. = 44 , Point No. = 930
 $C_N = 0.028$, $C_m = -0.0041$
 $\alpha = 1.0^\circ$, $M_\infty = 0.401$
 $R_{mac} = 60.1 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2108	*****
0.20	0.1875	0.1847
0.30	0.1683	*****
0.40	0.1576	0.1689
0.50	0.1502	*****
0.60	0.1525	0.1561
0.70	0.0988	*****
0.80	0.0979	0.1099
0.90	0.0711	*****
0.95	0.0510	0.0495

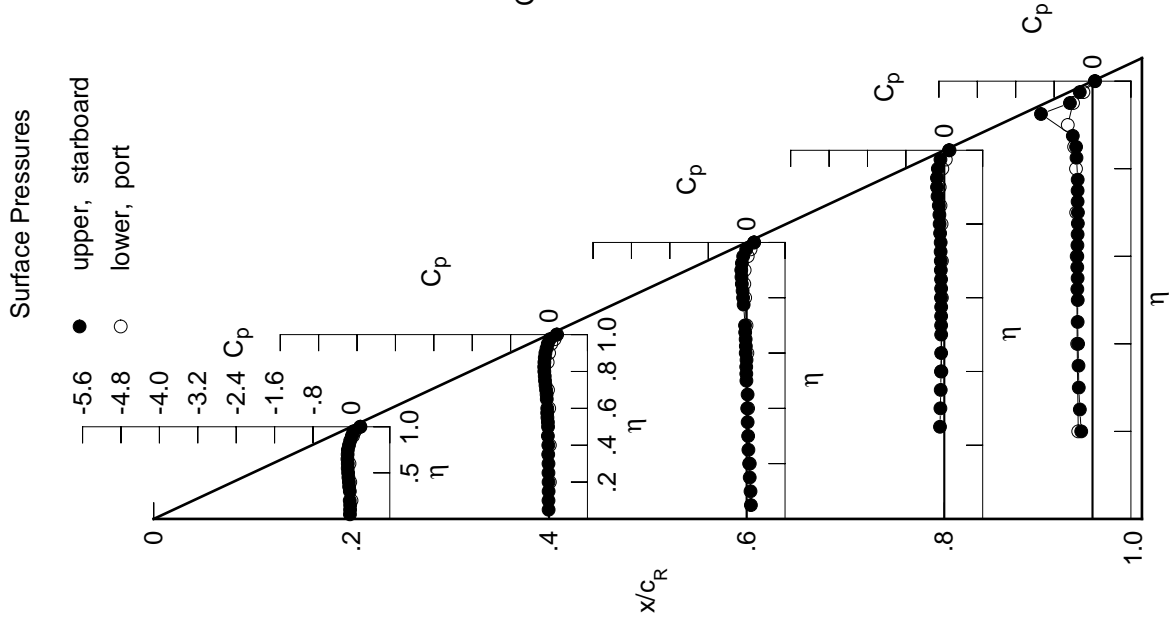
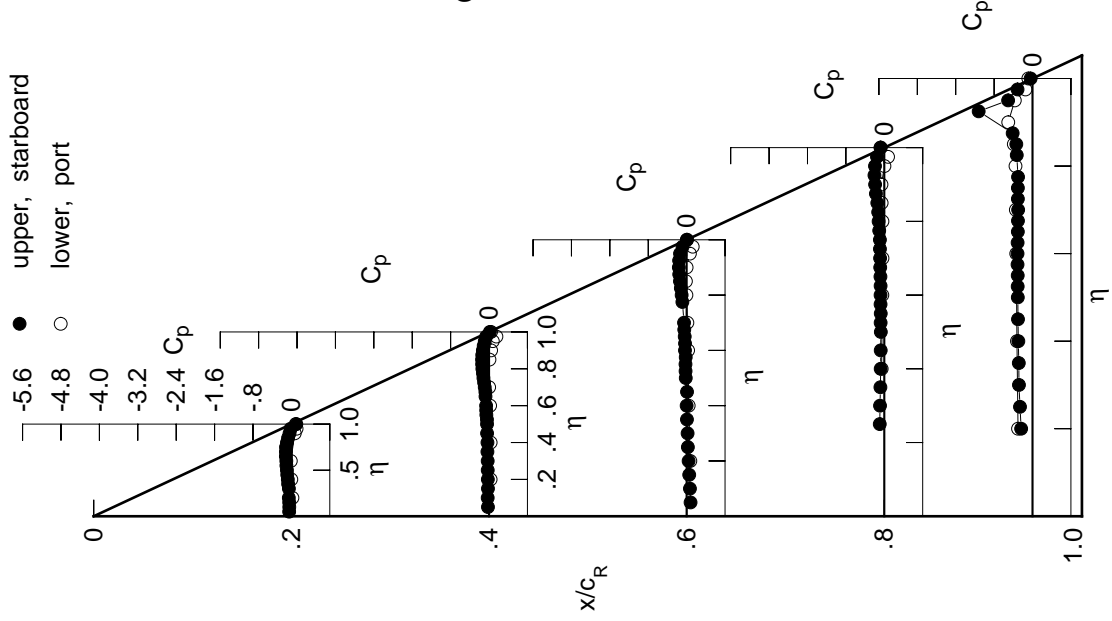


Table E1. Continued.

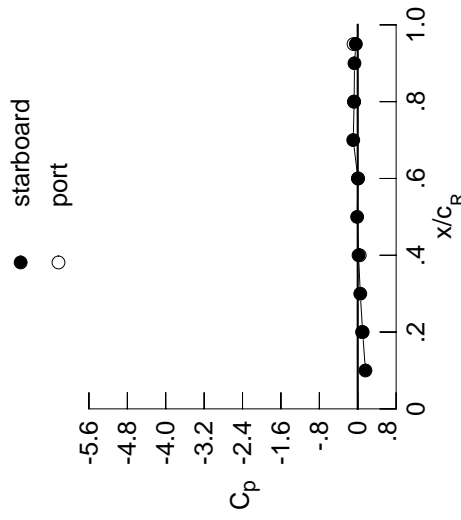
η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0462	-0.0227	0.0814	*****	*****
0.100	-0.0439	-0.0277	0.0691	*****	*****
0.150	-0.0458	-0.0224	0.0539	*****	*****
0.200	-0.0537	-0.0248	0.0412	*****	-0.2364
0.250	*****	-0.0272	0.0260	-0.0945	-0.2608
0.300	-0.0518	-0.0284	0.0200	-0.0889	-0.2821
0.350	-0.0682	-0.0337	0.0065	-0.0811	-0.2858
0.400	-0.0741	-0.0327	-0.0001	-0.0753	-0.2955
0.450	-0.0863	-0.0408	0.0082	-0.0745	-0.3021
0.500	-0.0932	-0.0412	-0.0181	-0.0719	-0.3061
0.525	*****	-0.0435	-0.0221	-0.0761	-0.3085
0.550	-0.1037	-0.0557	-0.0240	-0.0733	-0.3077
0.575	*****	-0.0595	-0.0192	-0.0780	-0.3120
0.600	-0.1057	-0.0609	-0.0344	-0.0776	-0.3119
0.625	*****	*****	-0.0334	-0.0770	-0.3101
0.650	-0.1152	-0.0734	-0.0397	-0.0800	-0.3057
0.675	*****	-0.0760	-0.0499	-0.0849	-0.3032
0.700	-0.1141	-0.0897	-0.0545	-0.0870	-0.2992
0.725	*****	-0.1022	*****	-0.0904	-0.3046
0.750	-0.1121	-0.1171	*****	-0.0915	-0.3046
0.775	*****	-0.1263	-0.0884	-0.1055	-0.3019
0.800	-0.0921	-0.1389	-0.1036	-0.1182	*****
0.825	*****	-0.1438	-0.1205	-0.1271	-0.3281
0.850	-0.0690	-0.1453	-0.1394	-0.1453	-0.3378
0.875	*****	-0.1413	-0.1547	-0.1745	-0.4132
0.900	-0.0384	-0.1290	-0.1623	-0.1911	*****
0.925	*****	-0.1108	-0.1572	-0.2047	-1.1213
0.950	-0.0150	-0.0891	-0.1376	-0.1934	-0.5082
0.975	*****	-0.0591	-0.0854	-0.1517	-0.3121
1.000	0.1024	0.0172	0.0038	-0.0747	-0.0394
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0215	0.0328	0.0769	*****	-0.3018
-0.400	-0.0017	0.0338	0.0425	-0.0547	-0.3243
-0.600	-0.0117	0.0227	0.0300	-0.0405	-0.3389
-0.700	*****	0.0026	0.0149	-0.0376	-0.3474
-0.800	*****	*****	-0.0048	-0.0385	-0.3541
-0.850	*****	0.0089	-0.0153	-0.0552	-0.3893
-0.900	0.0705	0.0435	-0.0005	-0.0588	-0.5058
-0.950	0.1079	0.0796	0.0683	0.0033	-0.3684
-0.975	*****	0.1535	0.1268	0.0780	-0.1466
-1.000	0.0905	0.0417	0.0069	-0.0794	-0.0869

Surface Pressures



Small Radius L.E.
 Run No. = 44 , Point No. = 931
 $C_N = 0.062$, $C_m = -0.0084$
 $\alpha = 2.0^\circ$, $M_\infty = 0.401$
 $R_{mac} = 60.2 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.1605	*****
0.20	0.1024	0.0905
0.30	0.0530	*****
0.40	0.0172	0.0417
0.50	-0.0123	*****
0.60	0.0038	0.0069
0.70	-0.0938	*****
0.80	-0.0747	-0.0794
0.90	-0.0677	*****
0.95	-0.0394	-0.0869

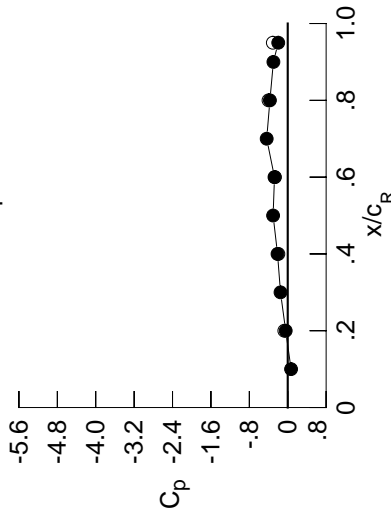
Table E1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0644	-0.0390	0.0713	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0634	-0.0399	0.0570	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0653	-0.0386	0.0435	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0718	-0.0400	0.0295	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0461	0.0159	-0.1002	-0.2555	*****	*****	*****	*****	*****
0.300	-0.0725	-0.0431	0.0070	-0.0966	-0.2771	*****	*****	*****	*****	*****
0.350	-0.0898	-0.0505	-0.0034	-0.0881	-0.2795	*****	*****	*****	*****	*****
0.400	-0.0966	-0.0512	-0.0146	-0.0839	-0.2925	*****	*****	*****	*****	*****
0.450	-0.1116	-0.0587	-0.0068	-0.0835	-0.2972	*****	*****	*****	*****	*****
0.500	-0.1200	-0.0607	-0.0339	-0.0806	-0.2997	*****	*****	*****	*****	*****
0.525	*****	-0.0625	-0.0379	-0.0853	-0.3009	*****	*****	*****	*****	*****
0.550	-0.1335	-0.0767	-0.0395	-0.0828	-0.3010	*****	*****	*****	*****	*****
0.575	*****	-0.0795	-0.0365	-0.0858	-0.3036	*****	*****	*****	*****	*****
0.600	-0.1375	-0.0858	-0.0516	-0.0876	-0.3065	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0530	-0.0885	-0.3026	*****	*****	*****	*****	*****
0.650	-0.1498	-0.0983	-0.0575	-0.0949	-0.3000	*****	*****	*****	*****	*****
0.675	*****	-0.1033	-0.0723	-0.0962	-0.2934	*****	*****	*****	*****	*****
0.700	-0.1523	-0.1211	-0.0728	-0.1033	-0.2955	*****	*****	*****	*****	*****
0.725	*****	-0.1336	*****	-0.1037	-0.2983	*****	*****	*****	*****	*****
0.750	-0.1504	-0.1504	*****	-0.1111	-0.2985	*****	*****	*****	*****	*****
0.775	*****	-0.1642	-0.1172	-0.1238	-0.2970	*****	*****	*****	*****	*****
0.800	-0.1350	-0.1785	-0.1342	-0.1414	*****	*****	*****	*****	*****	*****
0.825	*****	-0.1884	-0.1582	-0.1532	-0.3252	*****	*****	*****	*****	*****
0.850	-0.1181	-0.1972	-0.1852	-0.1761	-0.3319	*****	*****	*****	*****	*****
0.875	*****	-0.1977	-0.2058	-0.2119	-0.4122	*****	*****	*****	*****	*****
0.900	-0.0945	-0.1896	-0.2190	-0.2384	*****	*****	*****	*****	*****	*****
0.925	*****	-0.1775	-0.2239	-0.2608	-1.1661	*****	*****	*****	*****	*****
0.950	-0.0800	-0.1631	-0.2142	-0.2617	-0.5501	*****	*****	*****	*****	*****
0.975	*****	-0.1470	-0.1786	-0.2414	-0.3646	*****	*****	*****	*****	*****
1.000	-0.0427	-0.2124	-0.2759	-0.3713	-0.1973	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0422	0.0473	0.0910	*****	*****	*****	*****	*****	*****	*****
-0.600	0.0197	0.0513	0.0531	-0.0467	-0.3305	*****	*****	*****	*****	*****
-0.700	0.0168	0.0425	0.0466	-0.0305	-0.3464	*****	*****	*****	*****	*****
-0.800	*****	0.0283	0.0334	-0.0250	-0.3535	*****	*****	*****	*****	*****
-0.850	*****	*****	0.0219	-0.0206	-0.3607	*****	*****	*****	*****	*****
-0.900	*****	0.0452	0.0162	-0.0316	-0.3907	*****	*****	*****	*****	*****
-0.950	0.1035	0.0831	0.0371	-0.0255	-0.4937	*****	*****	*****	*****	*****
-0.975	0.1391	0.0974	0.1076	0.0420	-0.3334	*****	*****	*****	*****	*****
-1.000	*****	0.1800	0.1602	0.1120	-0.1094	*****	*****	*****	*****	*****
	-0.0715	-0.1954	-0.2660	-0.3997	-0.3106	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 44 , Point No. = 932
 $C_N = 0.098$, $C_m = -0.0141$
 $\alpha = 3.1^\circ$, $M_\infty = 0.401$
 $R_{mac} = 60.3 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.0697	*****
0.20	-0.0427	-0.0715
0.30	-0.1507	*****
0.40	-0.2124	-0.1954
0.50	-0.3047	*****
0.60	-0.2759	-0.2660
0.70	-0.4382	*****
0.80	-0.3713	-0.3997
0.90	-0.2988	*****
0.95	-0.1973	-0.3106

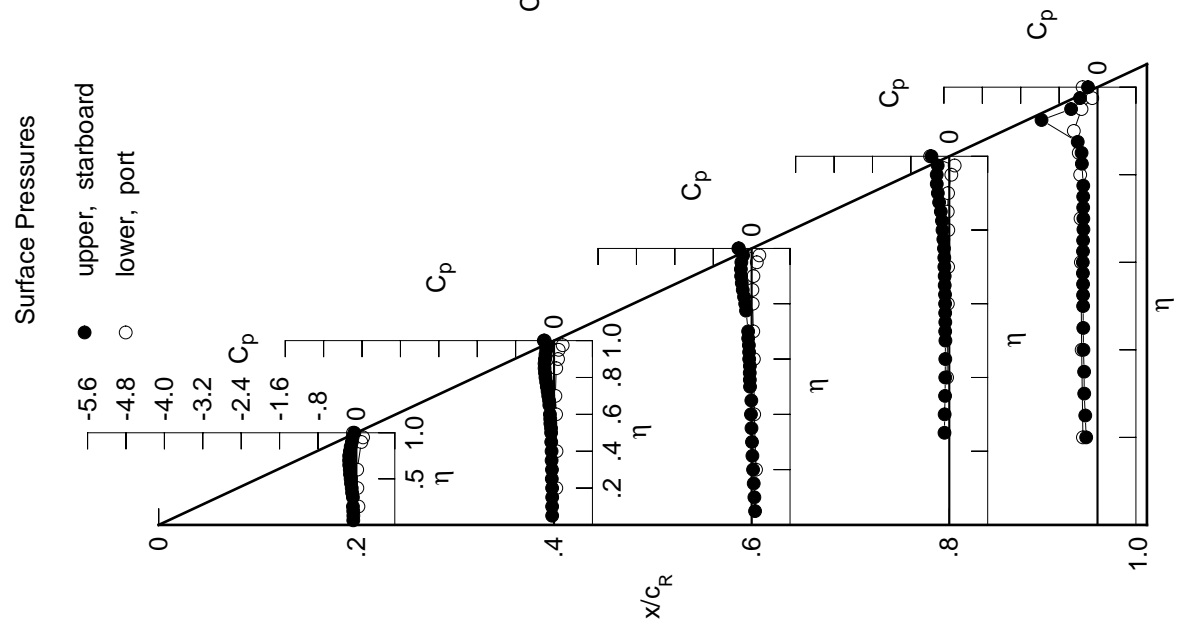
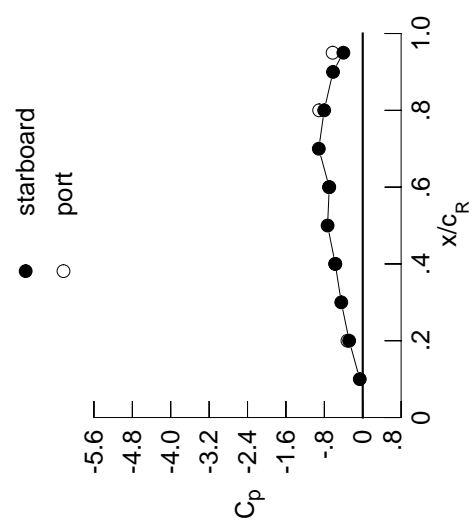


Table E1. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0820	-0.0512	0.0615	0.0615	0.0615
0.100	-0.0803	-0.0546	0.0510	0.0510	0.0510
0.150	-0.0831	-0.0524	0.0353	0.0353	0.0353
0.200	-0.0914	-0.0542	0.0206	0.0206	-0.2377
0.250	0.0000	-0.0579	0.0053	-0.1074	-0.2525
0.300	-0.0916	-0.0588	-0.0032	-0.1008	-0.2709
0.350	-0.1080	-0.0653	-0.0153	-0.0943	-0.2719
0.400	-0.1178	-0.0671	-0.0247	-0.0892	-0.2827
0.450	-0.1343	-0.0772	-0.0189	-0.0884	-0.2872
0.500	-0.1457	-0.0806	-0.0461	-0.0890	-0.2895
0.525	0.0000	-0.0827	-0.0524	-0.0925	-0.2937
0.550	-0.1616	-0.0957	-0.0526	-0.0924	-0.2915
0.575	0.0000	-0.1026	-0.0520	-0.0949	-0.2955
0.600	-0.1683	-0.1054	-0.0678	-0.0998	-0.2973
0.625	0.0000	0.0000	-0.0701	-0.0992	-0.2952
0.650	-0.1843	-0.1230	-0.0762	-0.1048	-0.2920
0.675	0.0000	-0.1317	-0.0906	-0.1099	-0.2887
0.700	-0.1904	-0.1501	-0.0960	-0.1138	-0.2910
0.725	0.0000	-0.1663	0.0000	-0.1203	-0.2946
0.750	-0.1954	-0.1862	0.0000	-0.1266	-0.2946
0.775	0.0000	-0.2032	-0.1449	-0.1452	-0.2955
0.800	-0.1840	-0.2226	-0.1680	-0.1601	0.0000
0.825	0.0000	-0.2378	-0.1952	-0.1786	-0.3199
0.850	-0.1704	-0.2494	-0.2270	-0.2066	-0.3252
0.875	0.0000	-0.2551	-0.2566	-0.2509	-0.4089
0.900	-0.1534	-0.2555	-0.2808	-0.2883	0.0000
0.925	0.0000	-0.2497	-0.2942	-0.3217	-1.1981
0.950	-0.1532	-0.2482	-0.2985	-0.3391	-0.5793
0.975	0.0000	-0.2493	-0.2868	-0.3406	-0.4153
1.000	-0.2820	-0.5722	-0.6973	-0.8034	-0.4032
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0630	0.0662	0.1016	0.0000	-0.3046
-0.400	0.0452	0.0682	0.0702	-0.0377	-0.3372
-0.600	0.0465	0.0674	0.0632	-0.0182	-0.3524
-0.700	0.0000	0.0556	0.0562	-0.0095	-0.3618
-0.800	0.0000	0.0496	0.0496	0.0000	-0.3655
-0.850	0.0000	0.0845	0.0503	-0.0052	-0.3917
-0.900	0.1359	0.1211	0.0763	0.0090	-0.4806
-0.950	0.1695	0.1193	0.1427	0.0792	-0.2969
-0.975	0.0000	0.1973	0.1831	0.1403	-0.0752
-1.000	-0.3175	-0.5728	-0.7020	-0.9076	-0.6271

Small Radius L.E.
 Run No. = 44 , Point No. = 933
 $C_N = 0.129$, $C_m = -0.0147$
 $\alpha = 4.1^\circ$, $M_\infty = 0.401$
 $R_{mac} = 60.4 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.0616	0.0000
0.20	-0.2820	-0.3175
0.30	-0.4472	0.0000
0.40	-0.5722	-0.5728
0.50	-0.7323	0.0000
0.60	-0.6973	-0.7020
0.70	-0.9155	0.0000
0.80	-0.8034	-0.9076
0.90	-0.6192	0.0000
0.95	-0.4032	-0.6271

Surface Pressures

● upper, starboard
 ○ lower, port

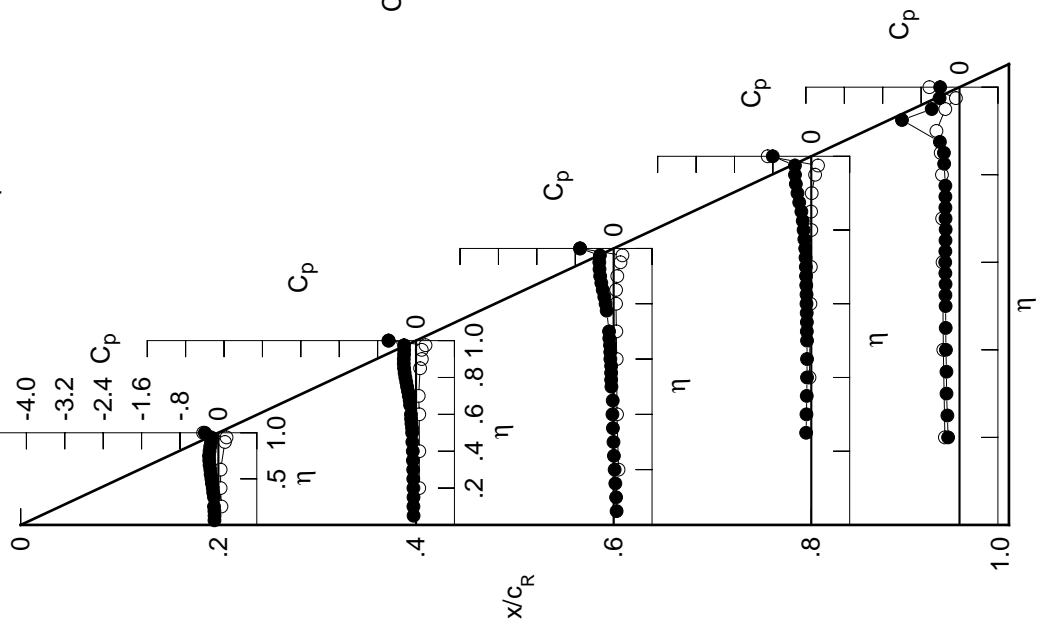
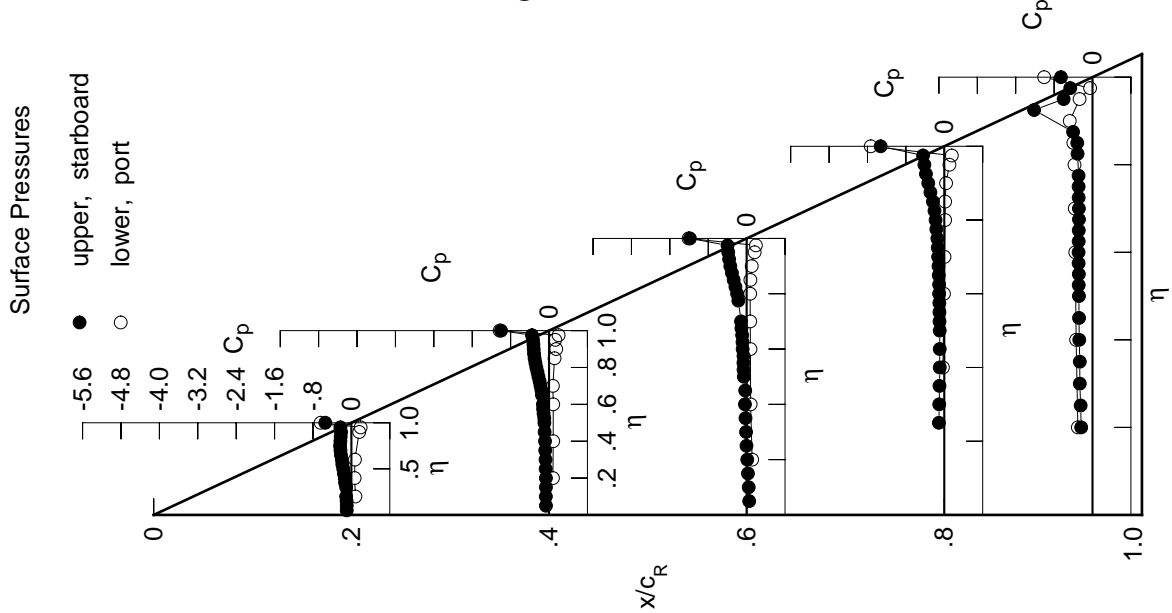
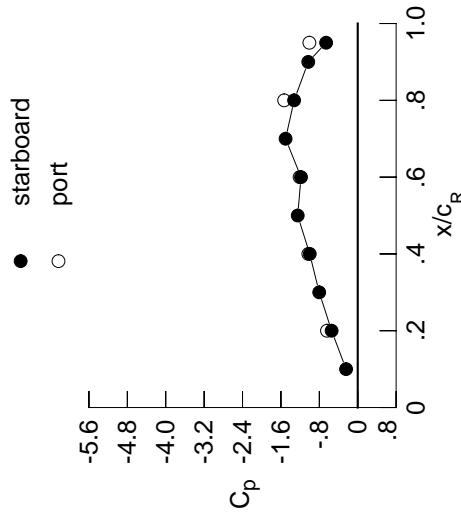


Table E1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0980	-0.0637	0.0535	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0969	-0.0663	0.0432	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0992	-0.0646	0.0268	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1085	-0.0649	0.0125	*****	*****	*****	*****	*****	*****	-0.2364
0.250	*****	-0.0701	-0.0031	-0.1123	-0.1123	-0.1123	-0.1123	-0.1123	-0.1123	-0.2470
0.300	-0.1085	-0.0730	-0.0123	-0.1054	-0.1054	-0.1054	-0.1054	-0.1054	-0.1054	-0.2646
0.350	-0.1314	-0.0792	-0.0241	-0.0997	-0.0997	-0.0997	-0.0997	-0.0997	-0.0997	-0.2651
0.400	-0.1380	-0.0835	-0.0352	-0.0945	-0.0945	-0.0945	-0.0945	-0.0945	-0.0945	-0.2760
0.450	-0.1568	-0.0920	-0.0297	-0.0949	-0.0949	-0.0949	-0.0949	-0.0949	-0.0949	-0.2809
0.500	-0.1693	-0.0971	-0.0584	-0.0953	-0.0953	-0.0953	-0.0953	-0.0953	-0.0953	-0.2835
0.525	*****	-0.0994	-0.0644	-0.0995	-0.0995	-0.0995	-0.0995	-0.0995	-0.0995	-0.2871
0.550	-0.1887	-0.1143	-0.0668	-0.1009	-0.1009	-0.1009	-0.1009	-0.1009	-0.1009	-0.2845
0.575	*****	-0.1229	-0.0655	-0.1028	-0.1028	-0.1028	-0.1028	-0.1028	-0.1028	-0.2893
0.600	-0.1989	-0.1271	-0.0831	-0.1077	-0.1077	-0.1077	-0.1077	-0.1077	-0.1077	-0.2902
0.625	*****	*****	-0.0860	-0.1081	-0.1081	-0.1081	-0.1081	-0.1081	-0.1081	-0.2877
0.650	-0.2176	-0.1463	-0.0933	-0.1154	-0.1154	-0.1154	-0.1154	-0.1154	-0.1154	-0.2860
0.675	*****	-0.1578	-0.1088	-0.1210	-0.1210	-0.1210	-0.1210	-0.1210	-0.1210	-0.2826
0.700	-0.2275	-0.1780	-0.1165	-0.1278	-0.1278	-0.1278	-0.1278	-0.1278	-0.1278	-0.2843
0.725	*****	-0.1970	*****	-0.1362	-0.1362	-0.1362	-0.1362	-0.1362	-0.1362	-0.2883
0.750	-0.2358	-0.2208	*****	-0.1439	-0.1439	-0.1439	-0.1439	-0.1439	-0.1439	-0.2897
0.775	*****	-0.2405	-0.1728	-0.1657	-0.1657	-0.1657	-0.1657	-0.1657	-0.1657	-0.2905
0.800	-0.2291	-0.2647	-0.1985	-0.1820	-0.1820	-0.1820	-0.1820	-0.1820	-0.1820	*****
0.825	*****	-0.2837	-0.2332	-0.2039	-0.2039	-0.2039	-0.2039	-0.2039	-0.2039	-0.3113
0.850	-0.2231	-0.3006	-0.2705	-0.2372	-0.2372	-0.2372	-0.2372	-0.2372	-0.2372	-0.3178
0.875	*****	-0.3127	-0.3061	-0.2886	-0.2886	-0.2886	-0.2886	-0.2886	-0.2886	-0.4045
0.900	-0.2148	-0.3200	-0.3403	-0.3339	-0.3339	-0.3339	-0.3339	-0.3339	-0.3339	*****
0.925	*****	-0.3250	-0.3646	-0.3822	-0.3822	-0.3822	-0.3822	-0.3822	-0.3822	-1.2171
0.950	-0.2288	-0.3333	-0.3832	-0.4141	-0.4141	-0.4141	-0.4141	-0.4141	-0.4141	-0.6012
0.975	*****	-0.3561	-0.3985	-0.4422	-0.4422	-0.4422	-0.4422	-0.4422	-0.4422	-0.4631
1.000	-0.5443	-1.0001	-1.1815	-1.3253	-1.3253	-1.3253	-1.3253	-1.3253	-1.3253	-0.6581
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0833	0.0815	0.1148	*****	*****	*****	*****	*****	*****	-0.3052
-0.400	0.0671	0.0868	0.0832	-0.0289	-0.3415	-0.3415	-0.3415	-0.3415	-0.3415	-0.3582
-0.600	0.0733	0.0876	0.0793	-0.0072	-0.3582	-0.3582	-0.3582	-0.3582	-0.3582	-0.3697
-0.700	*****	0.0798	0.0741	0.0047	-0.3697	-0.3697	-0.3697	-0.3697	-0.3697	-0.3752
-0.800	*****	*****	0.0733	0.0176	-0.3752	-0.3752	-0.3752	-0.3752	-0.3752	-0.3995
-0.850	*****	0.1146	0.0775	0.0179	-0.3995	-0.3995	-0.3995	-0.3995	-0.3995	-0.4747
-0.900	0.1628	0.1493	0.1053	0.0372	-0.4747	-0.4747	-0.4747	-0.4747	-0.4747	-0.2693
-0.950	0.1929	0.1296	0.1662	0.1075	-0.2693	-0.2693	-0.2693	-0.2693	-0.2693	-0.0501
-0.975	*****	0.1991	0.1928	0.1567	-0.0501	-0.0501	-0.0501	-0.0501	-0.0501	-1.0069
-1.000	-0.6407	-1.0284	-1.2104	-1.5331	-1.5331	-1.5331	-1.5331	-1.5331	-1.5331	-1.0069

Small Radius L.E.
 Run No. = 44 , Point No. = 934
 $C_N = 0.163$, $C_m = -0.0195$
 $\alpha = 5.2^\circ$, $M_\infty = 0.400$
 $R_{mac} = 60.3 \times 10^6$

Leading Edge Pressures

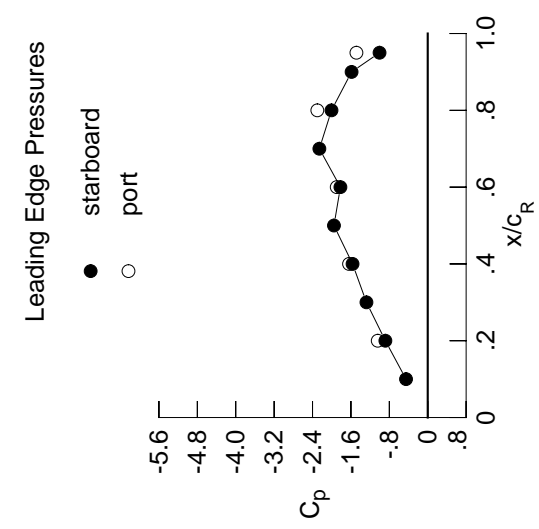


x/c_R	starb'd C_p	port C_p
0.10	-0.2426	*****
0.20	-0.5443	-0.6407
0.30	-0.8025	*****
0.40	-1.0001	-1.0284
0.50	-1.2507	*****
0.60	-1.1815	-1.2104
0.70	-1.5031	*****
0.80	-1.3253	-1.5331
0.90	-1.0306	*****
0.95	-0.6581	-1.0069

Table E1. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1146	-0.0763	0.0454	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1138	-0.0799	0.0332	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1181	-0.0773	0.0175	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1267	-0.0809	0.0022	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0852	-0.0127	-0.1176	-0.1176	-0.2453	*****	*****	*****	*****
0.300	-0.1278	-0.0872	-0.0226	-0.1102	-0.1102	-0.2564	*****	*****	*****	*****
0.350	-0.1486	-0.0946	-0.0352	-0.1040	-0.1040	-0.2590	*****	*****	*****	*****
0.400	-0.1605	-0.0977	-0.0471	-0.1011	-0.1011	-0.2690	*****	*****	*****	*****
0.450	-0.1802	-0.1096	-0.0431	-0.1017	-0.1017	-0.2745	*****	*****	*****	*****
0.500	-0.1950	-0.1150	-0.0726	-0.1023	-0.1023	-0.2765	*****	*****	*****	*****
0.525	*****	-0.1197	-0.0771	-0.1084	-0.1084	-0.2815	*****	*****	*****	*****
0.550	-0.2162	-0.1361	-0.0815	-0.1094	-0.1094	-0.2760	*****	*****	*****	*****
0.575	*****	-0.1444	-0.0818	-0.1129	-0.1129	-0.2820	*****	*****	*****	*****
0.600	-0.2303	-0.1493	-0.1008	-0.1176	-0.1176	-0.2812	*****	*****	*****	*****
0.625	*****	*****	-0.1035	-0.1201	-0.1201	-0.2800	*****	*****	*****	*****
0.650	-0.2514	-0.1733	-0.1125	-0.1278	-0.1278	-0.2772	*****	*****	*****	*****
0.675	*****	-0.1860	-0.1289	-0.1343	-0.1343	-0.2743	*****	*****	*****	*****
0.700	-0.2661	-0.2081	-0.1409	-0.1438	-0.1438	-0.2763	*****	*****	*****	*****
0.725	*****	-0.2302	*****	-0.1525	-0.1525	-0.2805	*****	*****	*****	*****
0.750	-0.2791	-0.2571	*****	-0.1638	-0.1638	-0.2824	*****	*****	*****	*****
0.775	*****	-0.2818	-0.2020	-0.1852	-0.1852	-0.2838	*****	*****	*****	*****
0.800	-0.2785	-0.3101	-0.2326	-0.2071	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3357	-0.2702	-0.2313	-0.2313	-0.3030	*****	*****	*****	*****
0.850	-0.2818	-0.3573	-0.3165	-0.2701	-0.3115	*****	*****	*****	*****	*****
0.875	*****	-0.3759	-0.3614	-0.3284	-0.3988	*****	*****	*****	*****	*****
0.900	-0.2829	-0.3912	-0.4064	-0.3868	*****	*****	*****	*****	*****	*****
0.925	*****	-0.4084	-0.4438	-0.4482	-1.2236	*****	*****	*****	*****	*****
0.950	-0.3169	-0.4322	-0.4814	-0.4971	-0.6301	*****	*****	*****	*****	*****
0.975	*****	-0.4821	-0.5325	-0.5596	-0.5206	*****	*****	*****	*****	*****
1.000	-0.8828	-1.5660	-1.8190	-2.0048	-1.0039	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.1036	0.0997	0.1286	*****	*****	-0.3041	$C_{p,l}$	0.1036	0.0997
-0.400		0.0908	0.1053	0.0981	-0.0180	-0.3431	*****		0.0908	0.1053
-0.600		0.1005	0.1083	0.0968	0.0051	-0.3613	*****		0.1005	0.1083
-0.700		*****	0.1053	0.0933	0.0187	-0.3742	*****		*****	0.1053
-0.800		*****	*****	0.0970	0.0357	-0.3788	*****		*****	*****
-0.850		*****	0.1437	0.1046	0.0391	-0.4027	*****		*****	0.1437
-0.900		0.1874	0.1755	0.1343	0.0639	-0.4642	*****		0.1874	0.1755
-0.950		0.2113	0.1376	0.1835	0.1302	-0.2391	*****		0.2113	0.1376
-0.975		*****	0.1863	0.1891	0.1627	-0.0271	*****		*****	0.1863
-1.000		-1.0419	-1.6389	-1.8958	-2.2997	-1.4859	*****		-1.0419	-1.6389

Small Radius L.E.
 Run No. = 44 , Point No. = 935
 $C_N = 0.201$, $C_m = -0.0258$
 $\alpha = 6.2^\circ$, $M_\infty = 0.400$
 $R_{mac} = 60.2 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.4523	*****
0.20	-0.8828	-1.0419
0.30	-1.2765	*****
0.40	-1.5660	-1.6389
0.50	-1.9537	*****
0.60	-1.8190	-1.8958
0.70	-2.2575	*****
0.80	-2.0048	-2.2997
0.90	-1.5864	*****
0.95	-1.0039	-1.4859

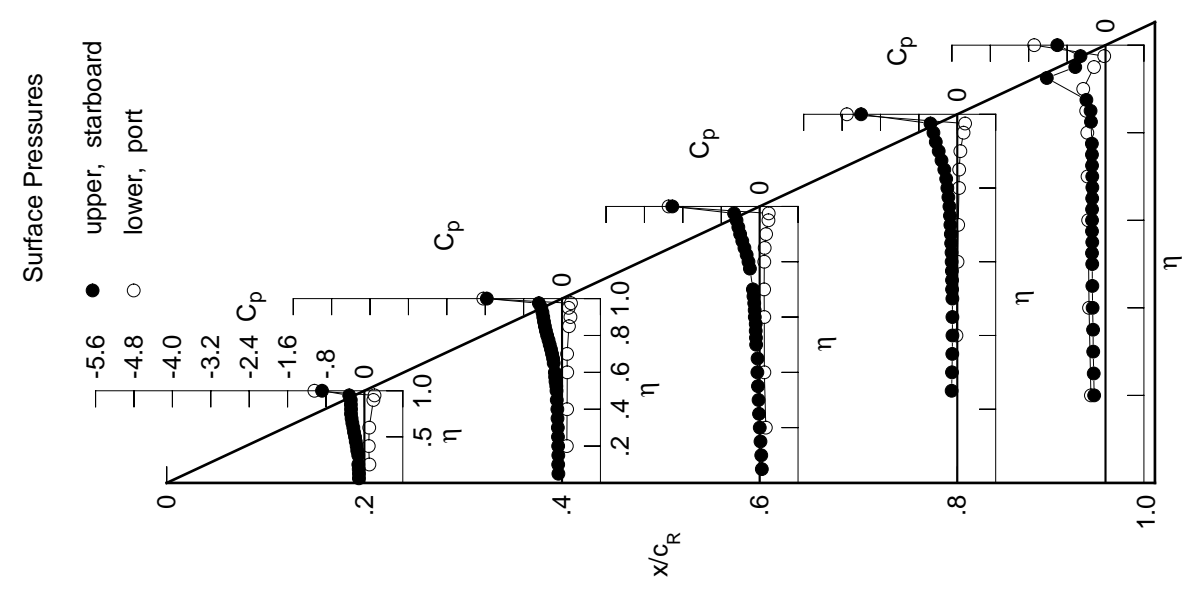
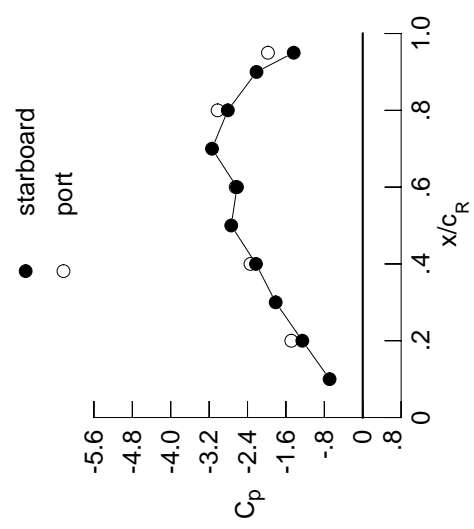


Table E1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1285	-0.0844	0.0373	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1290	-0.0913	0.0278	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1314	-0.0897	0.0078	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1432	-0.0919	-0.0049	*****	*****	*****	*****	*****	*****	-0.2427
0.250	*****	-0.0967	-0.0216	-0.1216	-0.1216	-0.1216	-0.1216	-0.1216	-0.1216	-0.2453
0.300	-0.1442	-0.1004	-0.0290	-0.1145	-0.1145	-0.1145	-0.1145	-0.1145	-0.1145	-0.2524
0.350	-0.1669	-0.1089	-0.0441	-0.1091	-0.1091	-0.1091	-0.1091	-0.1091	-0.1091	-0.2535
0.400	-0.1798	-0.1133	-0.0574	-0.1066	-0.1066	-0.1066	-0.1066	-0.1066	-0.1066	-0.2611
0.450	-0.2009	-0.1252	-0.0544	-0.1064	-0.1064	-0.1064	-0.1064	-0.1064	-0.1064	-0.2677
0.500	-0.2188	-0.1312	-0.0854	-0.1103	-0.1103	-0.1103	-0.1103	-0.1103	-0.1103	-0.2696
0.525	*****	-0.1382	-0.0906	-0.1144	-0.1144	-0.1144	-0.1144	-0.1144	-0.1144	-0.2765
0.550	-0.2432	-0.1528	-0.0963	-0.1162	-0.1162	-0.1162	-0.1162	-0.1162	-0.1162	-0.2708
0.575	*****	-0.1656	-0.0960	-0.1207	-0.1207	-0.1207	-0.1207	-0.1207	-0.1207	-0.2776
0.600	-0.2595	-0.1696	-0.1174	-0.1283	-0.1283	-0.1283	-0.1283	-0.1283	-0.1283	-0.2763
0.625	*****	*****	-0.1204	-0.1286	-0.1286	-0.1286	-0.1286	-0.1286	-0.1286	-0.2764
0.650	-0.2857	-0.2008	-0.1319	-0.1387	-0.1387	-0.1387	-0.1387	-0.1387	-0.1387	-0.2735
0.675	*****	-0.2133	-0.1483	-0.1481	-0.1481	-0.1481	-0.1481	-0.1481	-0.1481	-0.2708
0.700	-0.3043	-0.2349	-0.1617	-0.1565	-0.1565	-0.1565	-0.1565	-0.1565	-0.1565	-0.2720
0.725	*****	-0.2632	*****	-0.1716	-0.1716	-0.1716	-0.1716	-0.1716	-0.1716	-0.2765
0.750	-0.3245	-0.2920	*****	-0.1809	-0.1809	-0.1809	-0.1809	-0.1809	-0.1809	-0.2773
0.775	*****	-0.3197	-0.2323	-0.2076	-0.2076	-0.2076	-0.2076	-0.2076	-0.2076	-0.2776
0.800	-0.3299	-0.3553	-0.2661	-0.2303	-0.2303	-0.2303	-0.2303	-0.2303	-0.2303	*****
0.825	*****	-0.3847	-0.3070	-0.2583	-0.2583	-0.2583	-0.2583	-0.2583	-0.2583	-0.2934
0.850	-0.3377	-0.4118	-0.3592	-0.2984	-0.2984	-0.2984	-0.2984	-0.2984	-0.2984	-0.3056
0.875	*****	-0.4376	-0.4129	-0.3653	-0.3653	-0.3653	-0.3653	-0.3653	-0.3653	-0.3907
0.900	-0.3518	-0.4623	-0.4717	-0.4353	-0.4353	-0.4353	-0.4353	-0.4353	-0.4353	*****
0.925	*****	-0.4893	-0.5191	-0.5117	-0.5117	-0.5117	-0.5117	-0.5117	-0.5117	-1.2295
0.950	-0.4066	-0.5315	-0.5768	-0.5807	-0.5807	-0.5807	-0.5807	-0.5807	-0.5807	-0.6581
0.975	*****	-0.6144	-0.6679	-0.6800	-0.6800	-0.6800	-0.6800	-0.6800	-0.6800	-0.5849
1.000	-1.2580	-2.2239	-2.6206	-2.8101	-2.8101	-2.8101	-2.8101	-2.8101	-2.8101	-1.4382
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1251	0.1196	0.1404	*****	*****	*****	*****	*****	*****	-0.3012
-0.400	0.1145	0.1227	0.1148	-0.0075	-0.0075	-0.0075	-0.0075	-0.0075	-0.0075	-0.3459
-0.600	0.1265	0.1312	0.1130	0.0182	0.0182	0.0182	0.0182	0.0182	0.0182	-0.3619
-0.700	*****	0.1289	0.1133	0.0325	0.0325	0.0325	0.0325	0.0325	0.0325	-0.3734
-0.800	*****	*****	0.1201	0.0518	0.0518	0.0518	0.0518	0.0518	0.0518	-0.3784
-0.850	*****	0.1707	0.1303	0.0601	0.0601	0.0601	0.0601	0.0601	0.0601	-0.4022
-0.900	0.2086	0.1967	0.1589	0.0882	0.0882	0.0882	0.0882	0.0882	0.0882	-0.4540
-0.950	0.2262	0.1406	0.1949	0.1473	0.1473	0.1473	0.1473	0.1473	0.1473	-0.2134
-0.975	*****	0.1655	0.1762	0.1622	0.1622	0.1622	0.1622	0.1622	0.1622	-0.0098
-1.000	-1.4877	-2.3387	-2.6474	-3.0235	-3.0235	-3.0235	-3.0235	-3.0235	-3.0235	-1.9742

Small Radius L.E.
 Run No. = 44 , Point No. = 936
 $C_N = 0.234$, $C_m = -0.0301$
 $\alpha = 7.2^\circ$, $M_\infty = 0.401$
 $R_{mac} = 60.2 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.6907	*****
0.20	-1.2580	-1.4877
0.30	-1.8133	*****
0.40	-2.2239	-2.3387
0.50	-2.7390	*****
0.60	-2.6206	-2.6474
0.70	-3.1402	*****
0.80	-2.8101	-3.0235
0.90	-2.2127	*****
0.95	-1.4382	-1.9742

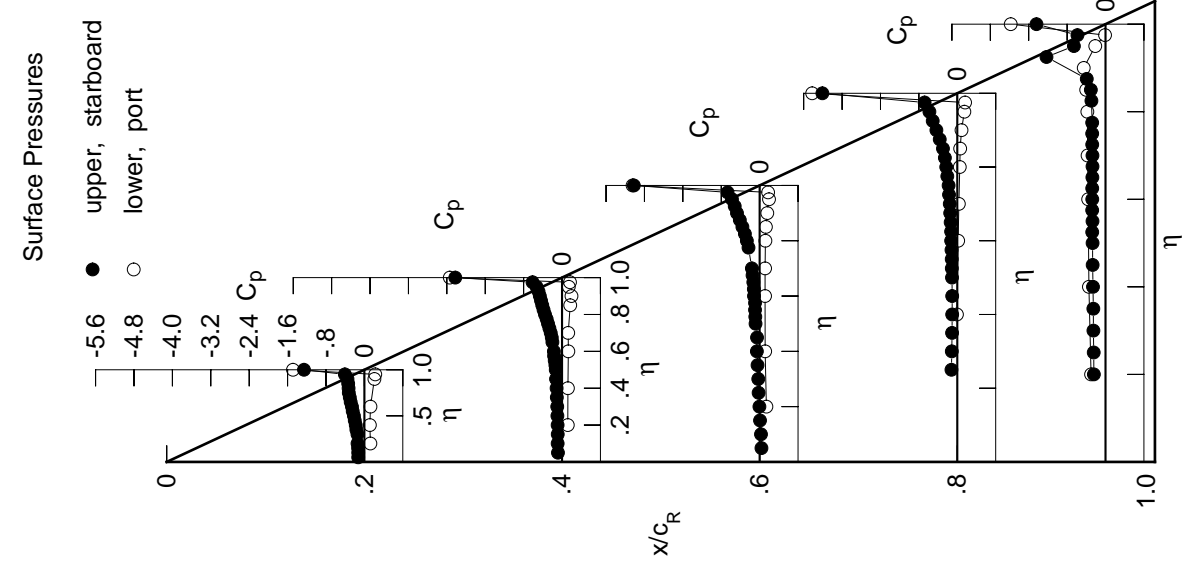


Table E1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1447	-0.0998	0.0279	*****	*****	*****	*****	*****	*****	
0.100	-0.1478	-0.1032	0.0156	*****	*****	*****	*****	*****	*****	
0.150	-0.1513	-0.1047	0.0000	*****	*****	*****	*****	*****	*****	
0.200	-0.1623	-0.1036	-0.0167	*****	*****	*****	*****	*****	-0.2553	
0.250	*****	-0.1134	-0.0327	-0.1291	-0.1291	-0.1291	-0.1291	-0.1291	-0.2517	
0.300	-0.1641	-0.1165	-0.0417	-0.1230	-0.1230	-0.1230	-0.1230	-0.1230	-0.2562	
0.350	-0.1875	-0.1267	-0.0572	-0.1174	-0.1174	-0.1174	-0.1174	-0.1174	-0.2530	
0.400	-0.2021	-0.1310	-0.0722	-0.1161	-0.1161	-0.1161	-0.1161	-0.1161	-0.2616	
0.450	-0.2256	-0.1453	-0.0688	-0.1169	-0.1169	-0.1169	-0.1169	-0.1169	-0.2692	
0.500	-0.2456	-0.1547	-0.1002	-0.1205	-0.1205	-0.1205	-0.1205	-0.1205	-0.2705	
0.525	*****	-0.1603	-0.1091	-0.1261	-0.1261	-0.1261	-0.1261	-0.1261	-0.2761	
0.550	-0.2732	-0.1783	-0.1131	-0.1284	-0.1284	-0.1284	-0.1284	-0.1284	-0.2738	
0.575	*****	-0.1886	-0.1164	-0.1343	-0.1343	-0.1343	-0.1343	-0.1343	-0.2814	
0.600	-0.2932	-0.1967	-0.1370	-0.1403	-0.1403	-0.1403	-0.1403	-0.1403	-0.2834	
0.625	*****	*****	-0.1440	-0.1455	-0.1455	-0.1455	-0.1455	-0.1455	-0.2818	
0.650	-0.3225	-0.2252	-0.1561	-0.1569	-0.1569	-0.1569	-0.1569	-0.1569	-0.2857	
0.675	*****	-0.2436	-0.1759	-0.1667	-0.1667	-0.1667	-0.1667	-0.1667	-0.2836	
0.700	-0.3469	-0.2689	-0.1911	-0.1817	-0.1817	-0.1817	-0.1817	-0.1817	-0.2887	
0.725	*****	-0.2978	*****	-0.1946	-0.1946	-0.1946	-0.1946	-0.1946	-0.3028	
0.750	-0.3704	-0.3301	*****	-0.2146	-0.2146	-0.2146	-0.2146	-0.2146	-0.3029	
0.775	*****	-0.3638	-0.2667	-0.2446	-0.2446	-0.2446	-0.2446	-0.2446	-0.2931	
0.800	-0.3842	-0.4016	-0.3027	-0.2716	-0.2716	-0.2716	-0.2716	-0.2716	*****	
0.825	*****	-0.4380	-0.3501	-0.3056	-0.3056	-0.3056	-0.3056	-0.3056	-0.2814	
0.850	-0.4015	-0.4753	-0.4092	-0.3407	-0.3407	-0.3407	-0.3407	-0.3407	-0.2860	
0.875	*****	-0.5085	-0.4723	-0.4005	-0.4005	-0.4005	-0.4005	-0.4005	-0.3586	
0.900	-0.4306	-0.5438	-0.5400	-0.4773	-0.4773	-0.4773	-0.4773	-0.4773	*****	
0.925	*****	-0.5840	-0.6083	-0.5719	-0.5719	-0.5719	-0.5719	-0.5719	-1.2200	
0.950	-0.5095	-0.6460	-0.6878	-0.6691	-0.6691	-0.6691	-0.6691	-0.6691	-0.7037	
0.975	*****	-0.7656	-0.8282	-0.8125	-0.8125	-0.8125	-0.8125	-0.8125	-0.6588	
1.000	-1.7306	-3.0229	-3.5164	-3.7843	-3.7843	-3.7843	-3.7843	-3.7843	-1.9696	
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.400	0.1457	0.1353	0.1549	*****	*****	*****	*****	*****	-0.2990	
-0.600	0.1361	0.1423	0.1280	0.0047	-0.3474	-0.3474	-0.3474	-0.3474	-0.3474	
-0.700	0.1515	0.1490	0.1308	0.0296	-0.3662	-0.3662	-0.3662	-0.3662	-0.3662	
-0.800	*****	0.1510	0.1314	0.0471	-0.3733	-0.3733	-0.3733	-0.3733	-0.3733	
-0.850	*****	*****	0.1421	0.0682	-0.3566	-0.3566	-0.3566	-0.3566	-0.3566	
-0.900	0.2256	0.2127	0.1796	0.1074	-0.4118	-0.4118	-0.4118	-0.4118	-0.4118	
-0.950	0.2352	0.1377	0.2013	0.1575	-0.1790	-0.1790	-0.1790	-0.1790	-0.1790	
-0.975	*****	0.1311	0.1547	0.1568	0.0037	0.0037	0.0037	0.0037	0.0037	
-1.000	-2.0698	-3.2213	-3.4155	-1.4302	-1.0941	-1.0941	-1.0941	-1.0941	-1.0941	

Small Radius L.E.
 Run No. = 44 , Point No. = 937
 $C_N = 0.280$, $C_m = -0.0403$
 $\alpha = 8.3^\circ$, $M_\infty = 0.401$
 $R_{mac} = 60.3 \times 10^6$

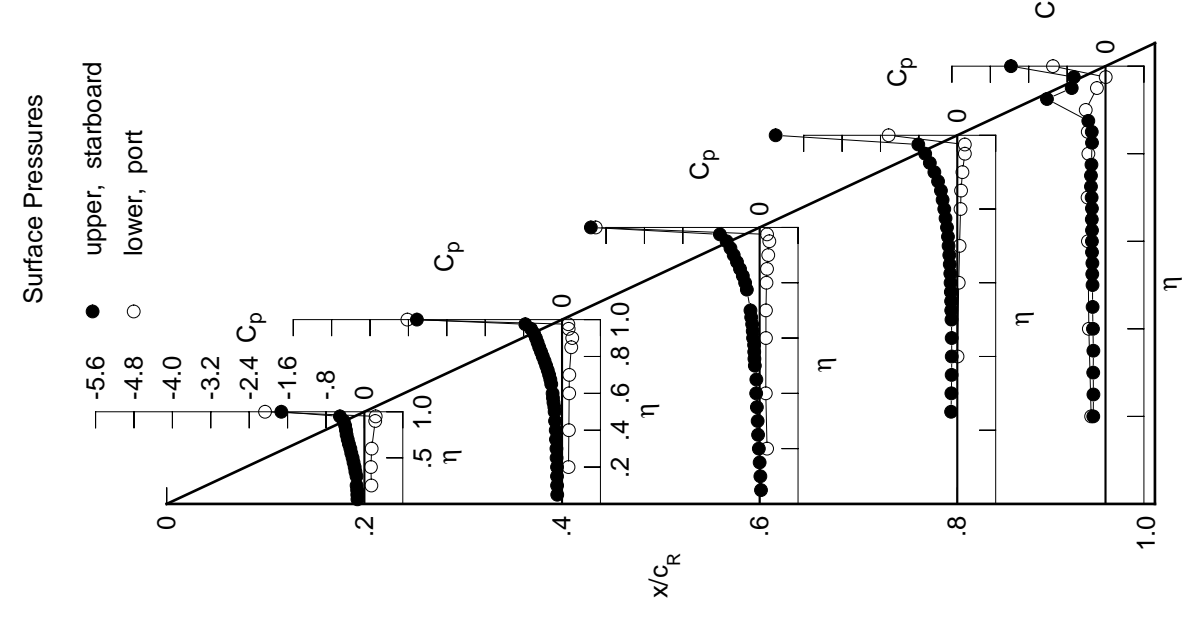
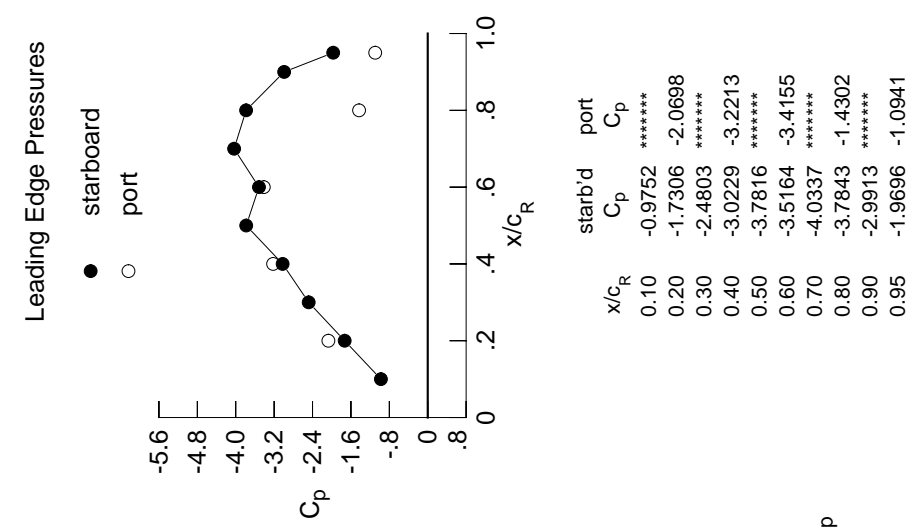


Table E1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1553	-0.1099	0.0196	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1604	-0.1169	0.0058	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1685	-0.1173	-0.0095	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1797	-0.1190	-0.0268	*****	*****	*****	*****	*****	*****	-0.2683
0.250	*****	-0.1271	-0.0455	-0.1378	-0.1378	-0.1378	-0.2633	-0.2633	-0.2633	-0.2633
0.300	-0.1827	-0.1299	-0.0537	-0.1348	-0.1348	-0.1348	-0.2613	-0.2613	-0.2613	-0.2613
0.350	-0.2069	-0.1426	-0.0720	-0.1273	-0.1273	-0.1273	-0.2568	-0.2568	-0.2568	-0.2568
0.400	-0.2228	-0.1484	-0.0848	-0.1269	-0.1269	-0.1269	-0.2604	-0.2604	-0.2604	-0.2604
0.450	-0.2487	-0.1628	-0.0867	-0.1269	-0.1269	-0.1269	-0.2751	-0.2751	-0.2751	-0.2751
0.500	-0.2697	-0.1749	-0.1166	-0.1294	-0.1294	-0.1294	-0.2821	-0.2821	-0.2821	-0.2821
0.525	*****	-0.1836	-0.1282	-0.1405	-0.1405	-0.1405	-0.2887	-0.2887	-0.2887	-0.2887
0.550	-0.2998	-0.2004	-0.1352	-0.1411	-0.1411	-0.1411	-0.2969	-0.2969	-0.2969	-0.2969
0.575	*****	-0.2140	-0.1365	-0.1456	-0.1456	-0.1456	-0.3033	-0.3033	-0.3033	-0.3033
0.600	-0.3243	-0.2232	-0.1630	-0.1514	-0.1514	-0.1514	-0.3064	-0.3064	-0.3064	-0.3064
0.625	*****	*****	-0.1750	-0.1636	-0.1636	-0.1636	-0.3041	-0.3041	-0.3041	-0.3041
0.650	-0.3575	-0.2577	-0.1968	-0.1856	-0.1856	-0.1856	-0.3097	-0.3097	-0.3097	-0.3097
0.675	*****	-0.2738	-0.2176	-0.2060	-0.2060	-0.2060	-0.3302	-0.3302	-0.3302	-0.3302
0.700	-0.3879	-0.3028	-0.2318	-0.2261	-0.2261	-0.2261	-0.3545	-0.3545	-0.3545	-0.3545
0.725	*****	-0.3322	*****	-0.2637	-0.2637	-0.2637	-0.3476	-0.3476	-0.3476	-0.3476
0.750	-0.4197	-0.3683	*****	-0.3008	-0.3008	-0.3008	-0.2975	-0.2975	-0.2975	-0.2975
0.775	*****	-0.4063	-0.3190	-0.3478	-0.3478	-0.3478	-0.2941	-0.2941	-0.2941	-0.2941
0.800	-0.4387	-0.4501	-0.3592	-0.3750	-0.3750	-0.3750	*****	*****	*****	*****
0.825	*****	-0.4941	-0.4025	-0.3835	-0.3835	-0.3835	-0.3750	-0.3750	-0.3750	-0.3750
0.850	-0.4668	-0.5402	-0.4674	-0.3786	-0.3786	-0.3786	-0.4045	-0.4045	-0.4045	-0.4045
0.875	*****	-0.5814	-0.5186	-0.3909	-0.3909	-0.3909	-0.4823	-0.4823	-0.4823	-0.4823
0.900	-0.5103	-0.6257	-0.5947	-0.4220	-0.4220	-0.4220	*****	*****	*****	*****
0.925	*****	-0.6851	-0.6772	-0.5743	-0.5743	-0.5743	-0.7279	-0.7279	-0.7279	-0.7279
0.950	-0.6188	-0.7710	-0.8023	-0.9262	-0.9262	-0.9262	-0.6125	-0.6125	-0.6125	-0.6125
0.975	*****	-0.9321	-1.0757	-1.1908	-1.1908	-1.1908	-0.6789	-0.6789	-0.6789	-0.6789
1.000	-2.2774	-4.0416	-3.7667	-1.7879	-1.7879	-1.7879	-2.1820	-2.1820	-2.1820	-2.1820
$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1709	0.1593	0.1744	*****	*****	*****	-0.2925	-0.2925	-0.2925	-0.2925
-0.400	0.1631	0.1637	0.1484	0.0200	-0.3425	-0.3425	-0.3425	-0.3425	-0.3425	-0.3425
-0.600	0.1800	0.1740	0.1526	0.0472	-0.3615	-0.3615	-0.3615	-0.3615	-0.3615	-0.3615
-0.700	*****	0.1773	0.1552	0.0663	-0.3640	-0.3640	-0.3640	-0.3640	-0.3640	-0.3640
-0.800	*****	*****	0.1682	0.0910	-0.3444	-0.3444	-0.3444	-0.3444	-0.3444	-0.3444
-0.850	*****	0.2174	0.1811	0.1030	-0.3605	-0.3605	-0.3605	-0.3605	-0.3605	-0.3605
-0.900	0.2446	0.2306	0.2045	0.1329	-0.4012	-0.4012	-0.4012	-0.4012	-0.4012	-0.4012
-0.950	0.2449	0.1342	0.2076	0.1752	-0.1619	-0.1619	-0.1619	-0.1619	-0.1619	-0.1619
-0.975	*****	0.0884	0.1355	0.1621	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
-1.000	-2.7561	-4.3742	-2.4818	-1.1218	-0.6395	-0.6395	-0.6395	-0.6395	-0.6395	-0.6395

Small Radius L.E.
 Run No. = 44 , Point No. = 938
 $C_N = 0.329$, $C_m = -0.0518$
 $\alpha = 9.3^\circ$, $M_\infty = 0.401$
 $R_{mac} = 60.3 \times 10^6$

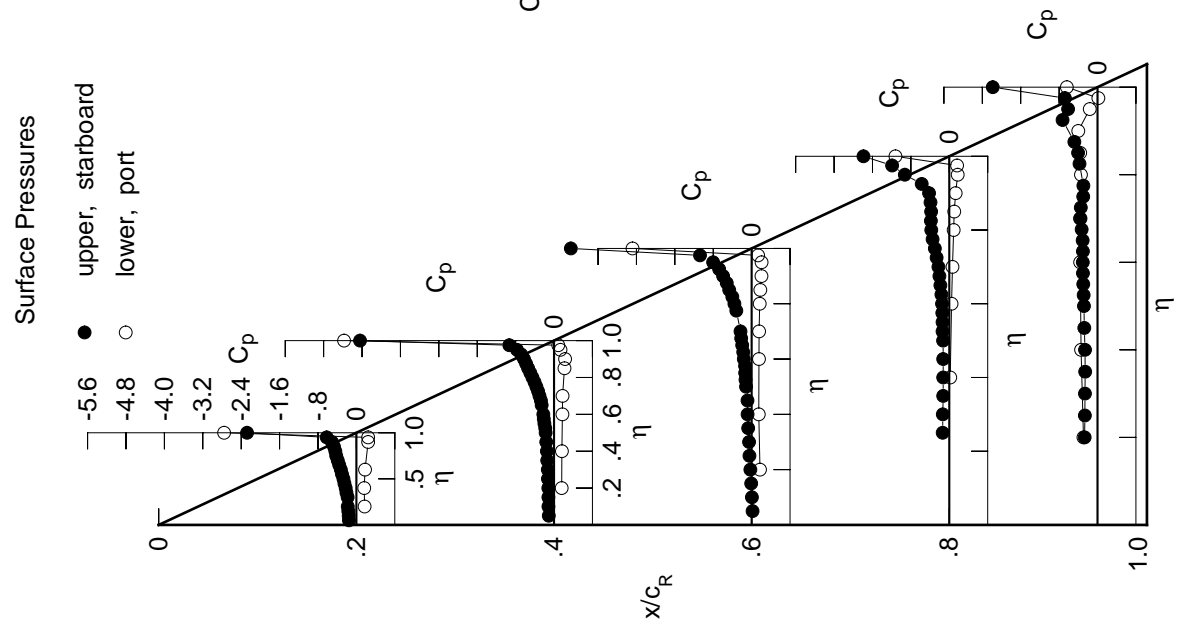
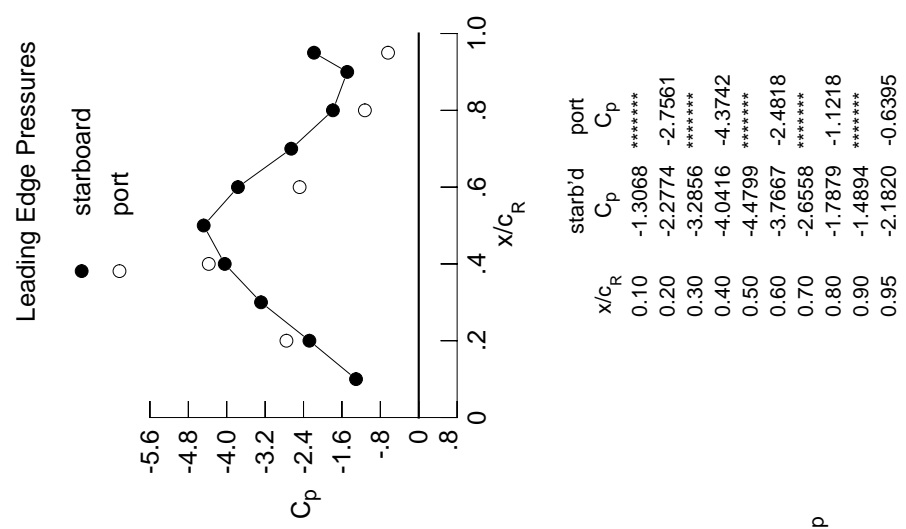


Table E1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1711	-0.1307	0.0035	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1784	-0.1344	-0.0116	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1906	-0.1403	-0.0287	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2017	-0.1399	-0.0471	*****	*****	*****	*****	*****	*****	-0.2833
0.250	*****	-0.1502	-0.0649	-0.1527	-0.1527	-0.1527	-0.1527	-0.1527	-0.1527	-0.2760
0.300	-0.2080	-0.1558	-0.0764	-0.1497	-0.1497	-0.1497	-0.1497	-0.1497	-0.1497	-0.2694
0.350	-0.2313	-0.1683	-0.0931	-0.1428	-0.1428	-0.1428	-0.1428	-0.1428	-0.1428	-0.2599
0.400	-0.2490	-0.1773	-0.1089	-0.1401	-0.1401	-0.1401	-0.1401	-0.1401	-0.1401	-0.2696
0.450	-0.2762	-0.1967	-0.1065	-0.1373	-0.1373	-0.1373	-0.1373	-0.1373	-0.1373	-0.2849
0.500	-0.2996	-0.2103	-0.1379	-0.1428	-0.1428	-0.1428	-0.1428	-0.1428	-0.1428	-0.3046
0.525	*****	-0.2192	-0.1504	-0.1699	-0.1699	-0.1699	-0.1699	-0.1699	-0.1699	-0.2937
0.550	-0.3332	-0.2416	-0.1592	-0.2041	-0.2041	-0.2041	-0.2041	-0.2041	-0.2041	-0.2617
0.575	*****	-0.2556	-0.1654	-0.2203	-0.2203	-0.2203	-0.2203	-0.2203	-0.2203	-0.2620
0.600	-0.3619	-0.2675	-0.2077	-0.1994	-0.1994	-0.1994	-0.1994	-0.1994	-0.1994	-0.2709
0.625	*****	*****	-0.2407	-0.1793	-0.1793	-0.1793	-0.1793	-0.1793	-0.1793	-0.2840
0.650	-0.3995	-0.3072	-0.2923	-0.1757	-0.1757	-0.1757	-0.1757	-0.1757	-0.1757	-0.2921
0.675	*****	-0.3258	-0.3288	-0.1766	-0.1766	-0.1766	-0.1766	-0.1766	-0.1766	-0.2973
0.700	-0.4362	-0.3583	-0.3153	-0.1779	-0.1779	-0.1779	-0.1779	-0.1779	-0.1779	-0.3088
0.725	*****	-0.3861	*****	-0.1883	-0.1883	-0.1883	-0.1883	-0.1883	-0.1883	-0.3413
0.750	-0.4746	-0.4307	*****	-0.2160	-0.2160	-0.2160	-0.2160	-0.2160	-0.2160	-0.4065
0.775	*****	-0.4711	-0.2928	-0.2945	-0.2945	-0.2945	-0.2945	-0.2945	-0.2945	-0.5253
0.800	-0.5030	-0.5177	-0.3081	-0.4178	-0.4178	-0.4178	-0.4178	-0.4178	-0.4178	*****
0.825	*****	-0.5638	-0.3367	-0.5976	-0.5976	-0.5976	-0.5976	-0.5976	-0.5976	-0.7253
0.850	-0.5454	-0.6134	-0.3633	-0.7411	-0.7411	-0.7411	-0.7411	-0.7411	-0.7411	-0.7352
0.875	*****	-0.6621	-0.6069	-0.8796	-0.8796	-0.8796	-0.8796	-0.8796	-0.8796	-0.6602
0.900	-0.6047	-0.7277	-1.0705	-0.9398	-0.9398	-0.9398	-0.9398	-0.9398	-0.9398	*****
0.925	*****	-0.8127	-1.2896	-0.9259	-0.9259	-0.9259	-0.9259	-0.9259	-0.9259	-0.5264
0.950	-0.7483	-0.9160	-1.3104	-0.8852	-0.8852	-0.8852	-0.8852	-0.8852	-0.8852	-0.4269
0.975	*****	-1.1339	-1.2284	-0.8308	-0.8308	-0.8308	-0.8308	-0.8308	-0.8308	-0.3854
1.000	-2.9751	-4.1232	-1.8177	-0.8996	-0.8996	-0.8996	-0.8996	-0.8996	-0.8996	-0.4729
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1930	0.1797	0.1911	*****	*****	*****	*****	*****	*****	-0.2901
-0.400	0.1877	0.1873	0.1652	0.0361	0.0361	0.0361	0.0361	0.0361	0.0361	-0.3399
-0.600	0.2052	0.1973	0.1729	0.0623	0.0623	0.0623	0.0623	0.0623	0.0623	-0.3427
-0.700	*****	0.2032	0.1743	0.0834	0.0834	0.0834	0.0834	0.0834	0.0834	-0.3177
-0.800	*****	*****	0.1891	0.1088	0.1088	0.1088	0.1088	0.1088	0.1088	-0.3101
-0.850	*****	0.2396	0.2017	0.1217	0.1217	0.1217	0.1217	0.1217	0.1217	-0.3397
-0.900	0.2565	0.2441	0.2209	0.1516	0.1516	0.1516	0.1516	0.1516	0.1516	-0.3823
-0.950	0.2454	0.1250	0.2149	0.1858	0.1858	0.1858	0.1858	0.1858	0.1858	-0.1472
-0.975	*****	0.0486	0.1376	0.1649	0.1649	0.1649	0.1649	0.1649	0.1649	0.0201
-1.000	-3.5966	-3.6015	-1.4931	-0.8051	-0.8051	-0.8051	-0.8051	-0.8051	-0.8051	-0.4459

Small Radius L.E.
 Run No. = 44 , Point No. = 939
 $C_N = 0.393$, $C_m = -0.0633$
 $\alpha = 10.4^\circ$, $M_\infty = 0.401$
 $R_{mac} = 60.3 \times 10^6$

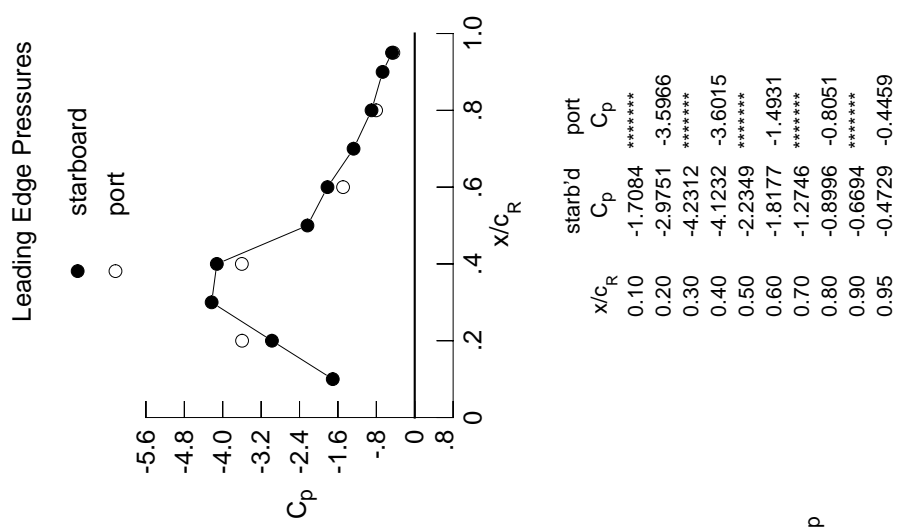


Table E1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1896	-0.1543	-0.0129	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1957	-0.1592	-0.0260	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2131	-0.1635	-0.0475	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2264	-0.1658	-0.0620	*****	*****	*****	*****	*****	*****	-0.2813
0.250	*****	-0.1759	-0.0842	-0.1623	-0.1623	-0.1623	-0.1623	-0.1623	-0.1623	-0.2731
0.300	-0.2349	-0.1842	-0.0919	-0.1563	-0.1563	-0.1563	-0.1563	-0.1563	-0.1563	-0.2712
0.350	-0.2601	-0.1970	-0.1133	-0.1498	-0.1498	-0.1498	-0.1498	-0.1498	-0.1498	-0.2643
0.400	-0.2776	-0.2111	-0.1219	-0.1583	-0.1583	-0.1583	-0.1583	-0.1583	-0.1583	-0.2732
0.450	-0.3062	-0.2323	-0.1297	-0.1842	-0.1842	-0.1842	-0.1842	-0.1842	-0.1842	-0.2323
0.500	-0.3309	-0.2507	-0.2159	-0.1499	-0.1499	-0.1499	-0.1499	-0.1499	-0.1499	-0.2655
0.525	*****	-0.2574	-0.2314	-0.1544	-0.1544	-0.1544	-0.1544	-0.1544	-0.1544	-0.2872
0.550	-0.3692	-0.2870	-0.2001	-0.1449	-0.1449	-0.1449	-0.1449	-0.1449	-0.1449	-0.3001
0.575	*****	-0.3057	-0.1826	-0.1477	-0.1477	-0.1477	-0.1477	-0.1477	-0.1477	-0.3213
0.600	-0.4011	-0.3312	-0.1895	-0.1460	-0.1460	-0.1460	-0.1460	-0.1460	-0.1460	-0.3259
0.625	*****	*****	-0.1816	-0.1377	-0.1377	-0.1377	-0.1377	-0.1377	-0.1377	-0.3273
0.650	-0.4452	-0.3868	-0.1880	-0.1333	-0.1333	-0.1333	-0.1333	-0.1333	-0.1333	-0.3178
0.675	*****	-0.4007	-0.2074	-0.1335	-0.1335	-0.1335	-0.1335	-0.1335	-0.1335	-0.3219
0.700	-0.4872	-0.4282	-0.2069	-0.1418	-0.1418	-0.1418	-0.1418	-0.1418	-0.1418	-0.3627
0.725	*****	-0.4486	*****	-0.2151	-0.2151	-0.2151	-0.2151	-0.2151	-0.2151	-0.5006
0.750	-0.5308	-0.4576	*****	-0.3963	-0.3963	-0.3963	-0.3963	-0.3963	-0.3963	-0.7004
0.775	*****	-0.4738	-0.2595	-0.7167	-0.7167	-0.7167	-0.7167	-0.7167	-0.7167	-0.8826
0.800	-0.5708	-0.5031	-0.5238	-0.9604	-0.9604	-0.9604	-0.9604	-0.9604	-0.9604	*****
0.825	*****	-0.5332	-0.9897	-1.1130	-1.1130	-1.1130	-1.1130	-1.1130	-1.1130	-0.9084
0.850	-0.6258	-0.5322	-1.2926	-1.1089	-1.1089	-1.1089	-1.1089	-1.1089	-1.1089	-0.7437
0.875	*****	-0.4960	-1.3596	-1.0275	-1.0275	-1.0275	-1.0275	-1.0275	-1.0275	-0.5607
0.900	-0.7070	-0.9092	-1.2939	-0.8578	-0.8578	-0.8578	-0.8578	-0.8578	-0.8578	*****
0.925	*****	-1.6534	-1.1777	-0.7920	-0.7920	-0.7920	-0.7920	-0.7920	-0.7920	-0.5267
0.950	-0.8908	-1.7125	-1.0922	-0.7412	-0.7412	-0.7412	-0.7412	-0.7412	-0.7412	-0.3866
0.975	*****	-1.5974	-1.0287	-0.6983	-0.6983	-0.6983	-0.6983	-0.6983	-0.6983	-0.3372
1.000	-3.8291	-2.2183	-1.4602	-0.7112	-0.7112	-0.7112	-0.7112	-0.7112	-0.7112	-0.3443
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2239	0.2034	0.2112	*****	*****	*****	*****	*****	*****	-0.2937
-0.600	0.2162	0.2135	0.1862	0.0472	0.0472	0.0472	0.0472	0.0472	0.0472	-0.3396
-0.700	0.2355	0.2219	0.1922	0.0799	0.0799	0.0799	0.0799	0.0799	0.0799	-0.3187
-0.800	*****	0.2291	0.1966	0.0970	0.0970	0.0970	0.0970	0.0970	0.0970	-0.3200
-0.850	*****	*****	0.2099	0.1255	0.1255	0.1255	0.1255	0.1255	0.1255	-0.3419
-0.900	0.2698	0.2604	0.2226	0.1366	0.1366	0.1366	0.1366	0.1366	0.1366	-0.3707
-0.950	0.2462	0.1222	0.2379	0.1636	0.1636	0.1636	0.1636	0.1636	0.1636	-0.3982
-0.975	*****	0.0555	0.1386	0.1636	0.1636	0.1636	0.1636	0.1636	0.1636	0.0189
-1.000	-4.5954	-1.8525	-1.1768	-0.6619	-0.6619	-0.6619	-0.6619	-0.6619	-0.6619	-0.3368

Small Radius L.E.

Run No. = 44 , Point No. = 940

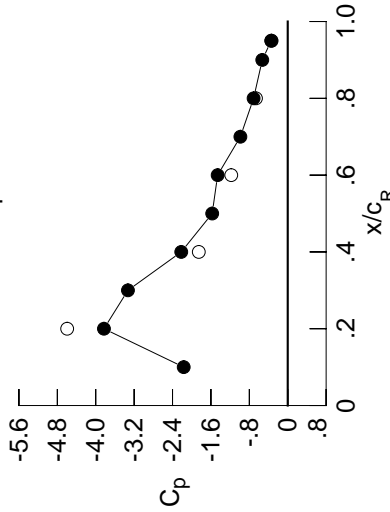
$C_N = 0.458$, $C_m = -0.0752$

$\alpha = 11.4^\circ$, $M_\infty = 0.400$

$R_{mac} = 60.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-2.1672	*****
0.20	-3.8291	-4.5954
0.30	-3.3292	*****
0.40	-2.2183	-1.8525
0.50	-1.5738	*****
0.60	-1.4602	-1.1768
0.70	-0.9864	*****
0.80	-0.7112	-0.6619
0.90	-0.5301	*****
0.95	-0.3443	-0.3368

Surface Pressures

● upper, starboard
○ lower, port

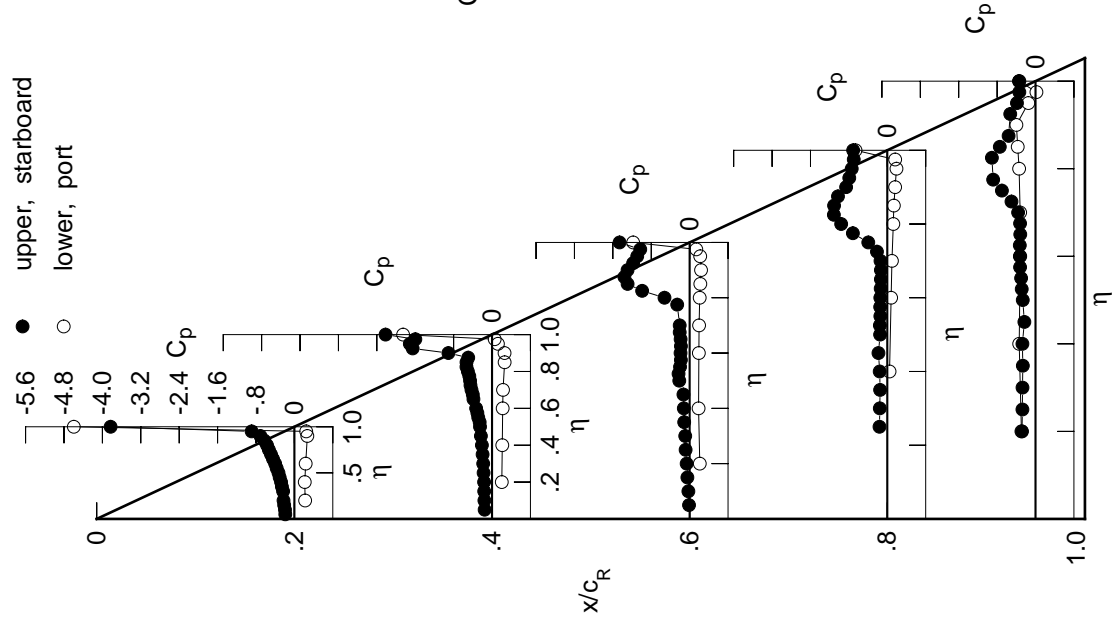


Table E1. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2179	-0.1825	-0.0298	*****	*****
0.100	-0.2200	-0.1825	-0.0426	*****	*****
0.150	-0.2387	-0.1852	-0.0641	*****	*****
0.200	-0.2612	-0.1932	-0.0809	*****	-0.2824
0.250	*****	-0.2021	-0.1000	-0.1705	-0.2773
0.300	-0.2751	-0.2108	-0.1095	-0.1691	-0.2772
0.350	-0.3001	-0.2267	-0.1389	-0.1893	-0.2317
0.400	-0.3178	-0.2370	-0.1858	-0.1601	-0.2314
0.450	-0.3470	-0.2737	-0.1528	-0.1523	-0.2739
0.500	-0.3747	-0.3269	-0.1670	-0.1463	-0.3142
0.525	*****	-0.3375	-0.1707	-0.1492	-0.3311
0.550	-0.4150	-0.3378	-0.1721	-0.1431	-0.3390
0.575	*****	-0.3217	-0.1657	-0.1403	-0.3478
0.600	-0.4503	-0.3143	-0.1834	-0.1362	-0.3486
0.625	*****	*****	-0.1749	-0.1291	-0.3494
0.650	-0.5006	-0.3211	-0.1686	-0.1353	-0.3629
0.675	*****	-0.3339	-0.1694	-0.1680	-0.4182
0.700	-0.5494	-0.3527	-0.1550	-0.2629	-0.5452
0.725	*****	-0.3622	*****	-0.4711	-0.7238
0.750	-0.6022	-0.3458	*****	-0.7670	-0.8853
0.775	*****	-0.3044	-0.7809	-1.0872	-0.9600
0.800	-0.6534	-0.3932	-1.2769	-1.2523	*****
0.825	*****	-0.9535	-1.5948	-1.2740	-0.6539
0.850	-0.7265	-1.5509	-1.6789	-1.0250	-0.4989
0.875	*****	-1.7478	-1.5141	-0.8069	-0.4701
0.900	-0.8400	-1.6887	-1.1867	-0.7797	*****
0.925	*****	-1.5572	-1.0732	-0.7380	-0.4868
0.950	-1.0596	-1.4404	-0.9917	-0.6994	-0.3560
0.975	*****	-1.3764	-0.9235	-0.6775	-0.3159
1.000	-4.6116	-1.7942	-1.2797	-0.6686	-0.3005
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2452	0.2233	0.2224	*****	-0.2821
-0.400	0.2422	0.2334	0.1986	0.0578	-0.3443
-0.600	0.2607	0.2426	0.2070	0.0858	-0.3286
-0.700	*****	0.2502	0.2105	0.1063	-0.3497
-0.800	*****	*****	0.2254	0.1335	-0.3755
-0.850	*****	0.2759	0.2359	0.1476	-0.3941
-0.900	0.2818	0.2668	0.2474	0.1735	-0.4077
-0.950	0.2485	0.1153	0.2189	0.1935	-0.1445
-0.975	*****	0.0319	0.1247	0.1530	0.0189
-1.000	-2.4752	-1.6475	-1.0853	-0.6626	-0.2928

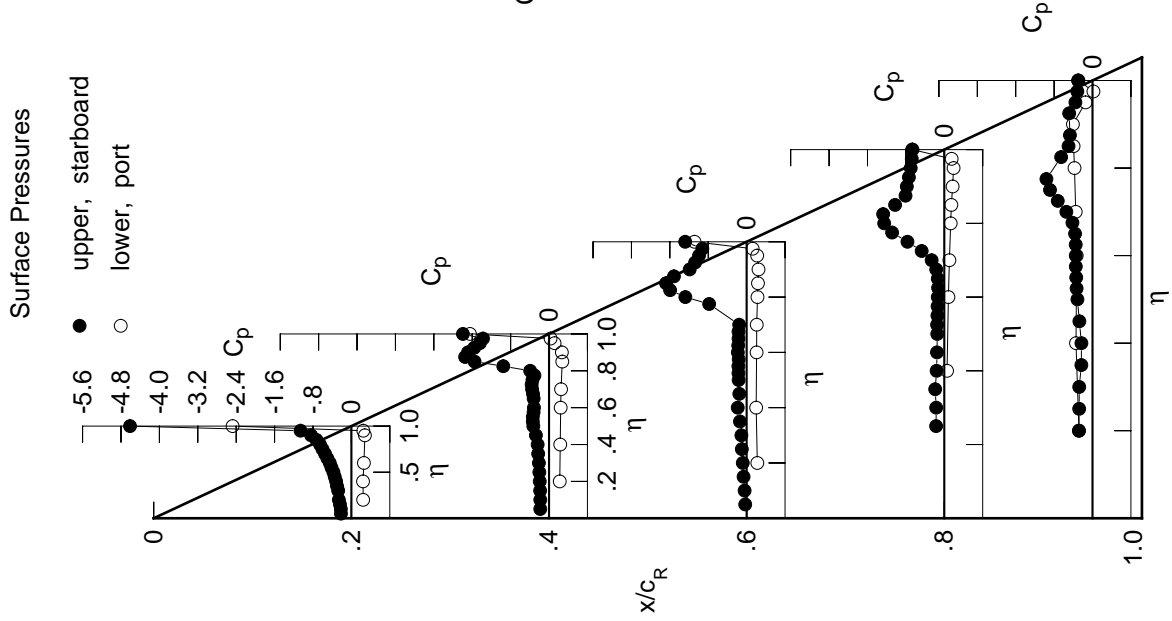
Small Radius L.E.

Run No. = 44 , Point No. = 941

$C_N = 0.509$, $C_m = -0.0800$

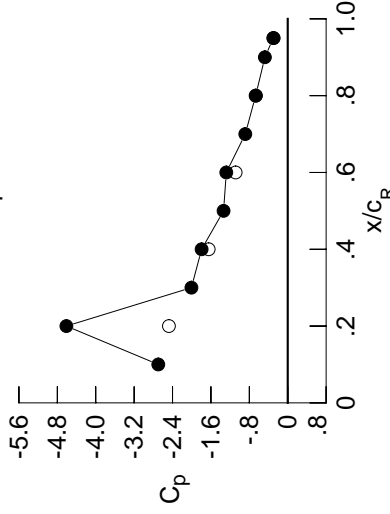
$\alpha = 12.4^\circ$, $M_\infty = 0.401$

$R_{mac} = 60.1 \times 10^6$



Leading Edge Pressures

● starboard
○ port



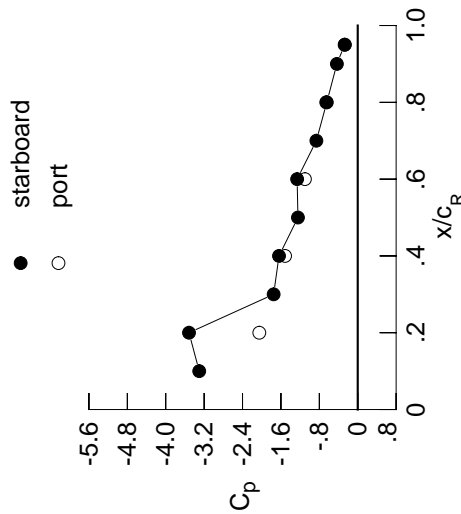
x/c_R	starb'd C_p	port C_p
0.10	-2.6971	*****
0.20	-4.6116	-2.4752
0.30	-2.0068	*****
0.40	-1.7942	-1.6475
0.50	-1.3368	*****
0.60	-1.2797	-1.0853
0.70	-0.8842	*****
0.80	-0.6686	-0.6626
0.90	-0.4757	*****
0.95	-0.3005	-0.2928

Table E1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2461	-0.2055	-0.0442	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2450	-0.2081	-0.0585	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2614	-0.2047	-0.0771	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2948	-0.2127	-0.0936	*****	*****	*****	*****	*****	*****	-0.2763
0.250	*****	-0.2252	-0.1133	-0.1761	-0.2779	*****	*****	*****	*****	*****
0.300	-0.3185	-0.2310	-0.1384	-0.1947	-0.2655	*****	*****	*****	*****	*****
0.350	-0.3457	-0.2539	-0.1836	-0.1708	-0.2222	*****	*****	*****	*****	*****
0.400	-0.3624	-0.3085	-0.1628	-0.1587	-0.2523	*****	*****	*****	*****	*****
0.450	-0.3899	-0.3389	-0.1484	-0.1520	-0.2961	*****	*****	*****	*****	*****
0.500	-0.4207	-0.2860	-0.1758	-0.1425	-0.3282	*****	*****	*****	*****	*****
0.525	*****	-0.2829	-0.1782	-0.1447	-0.3433	*****	*****	*****	*****	*****
0.550	-0.4621	-0.2938	-0.1794	-0.1365	-0.3463	*****	*****	*****	*****	*****
0.575	*****	-0.2978	-0.1666	-0.1373	-0.3602	*****	*****	*****	*****	*****
0.600	-0.5053	-0.3055	-0.1835	-0.1421	-0.3667	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1680	-0.1528	-0.3930	*****	*****	*****	*****	*****
0.650	-0.5618	-0.3162	-0.1689	-0.2029	-0.4495	*****	*****	*****	*****	*****
0.675	*****	-0.3121	-0.1916	-0.3170	-0.5536	*****	*****	*****	*****	*****
0.700	-0.6173	-0.2944	-0.2468	-0.5214	-0.6976	*****	*****	*****	*****	*****
0.725	*****	-0.2698	*****	-0.8087	-0.8373	*****	*****	*****	*****	*****
0.750	-0.6819	-0.3130	*****	-1.0981	-0.9084	*****	*****	*****	*****	*****
0.775	*****	-0.6568	-1.3117	-1.3042	-0.8753	*****	*****	*****	*****	*****
0.800	-0.7335	-1.3123	-1.6609	-1.2813	*****	*****	*****	*****	*****	*****
0.825	*****	-1.7715	-1.7957	-1.1255	-0.4839	*****	*****	*****	*****	*****
0.850	-0.8167	-1.9233	-1.6296	-0.8402	-0.4310	*****	*****	*****	*****	*****
0.875	*****	-1.8750	-1.2211	-0.7839	-0.4206	*****	*****	*****	*****	*****
0.900	-0.9635	-1.6880	-1.1052	-0.7727	*****	*****	*****	*****	*****	*****
0.925	*****	-1.4890	-1.0547	-0.7168	-0.4579	*****	*****	*****	*****	*****
0.950	-1.4023	-1.4020	-0.9768	-0.6860	-0.3349	*****	*****	*****	*****	*****
0.975	*****	-1.3343	-0.9347	-0.6638	-0.2970	*****	*****	*****	*****	*****
1.000	-3.5152	-1.6399	-1.2626	-0.6447	-0.2725	*****	*****	*****	*****	*****
η	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2728	0.2454	0.2416	*****	-0.2649	*****	*****	*****	*****	*****
-0.400	0.2706	0.2551	0.2171	0.0719	-0.3332	*****	*****	*****	*****	*****
-0.600	0.2877	0.2665	0.2268	0.1012	-0.3351	*****	*****	*****	*****	*****
-0.700	*****	0.2738	0.2290	0.1220	-0.3687	*****	*****	*****	*****	*****
-0.800	*****	*****	0.2438	0.1485	-0.3891	*****	*****	*****	*****	*****
-0.850	*****	0.2923	0.2537	0.1623	-0.4011	*****	*****	*****	*****	*****
-0.900	0.2926	0.2753	0.2586	0.1886	-0.4033	*****	*****	*****	*****	*****
-0.950	0.2492	0.1109	0.2134	0.1977	-0.1339	*****	*****	*****	*****	*****
-0.975	*****	0.0060	0.1022	0.1459	0.0230	*****	*****	*****	*****	*****
-1.000	-2.0504	-1.5137	-1.1004	-0.6559	-0.2681	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 44 , Point No. = 942
 $C_N = 0.559$, $C_m = -0.0844$
 $\alpha = 13.5^\circ$, $M_\infty = 0.400$
 $R_{mac} = 60.1 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-3.3021	*****
0.20	-3.5152	-2.0504
0.30	-1.7523	*****
0.40	-1.6399	-1.5137
0.50	-1.2456	*****
0.60	-1.2626	-1.1004
0.70	-0.8618	*****
0.80	-0.6447	-0.6559
0.90	-0.4345	*****
0.95	-0.2725	-0.2681

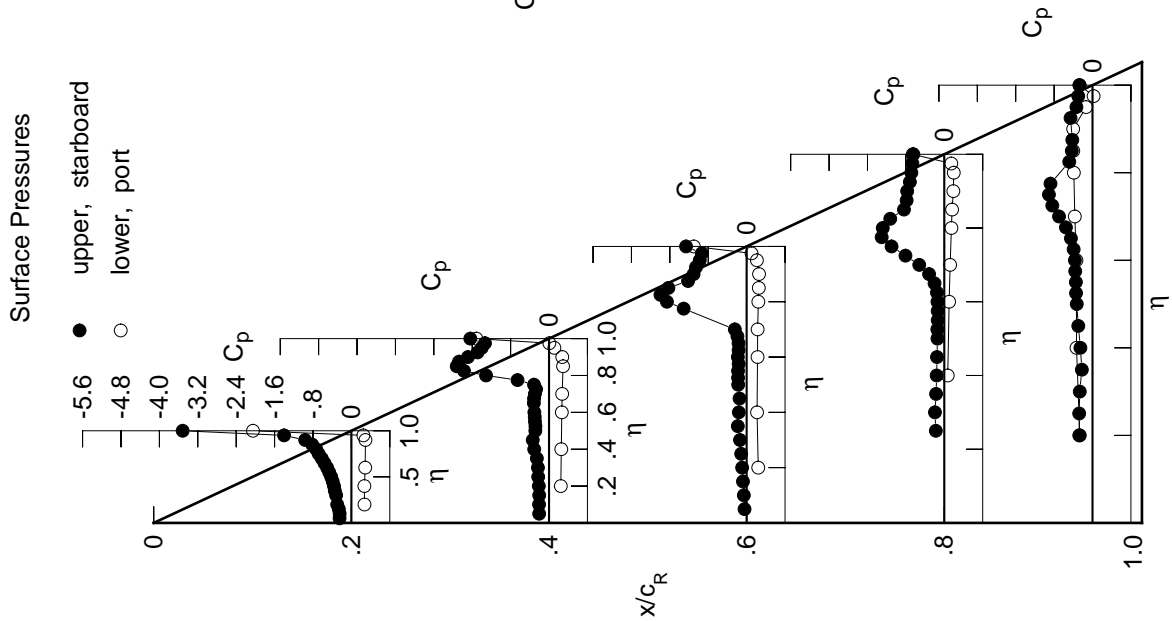
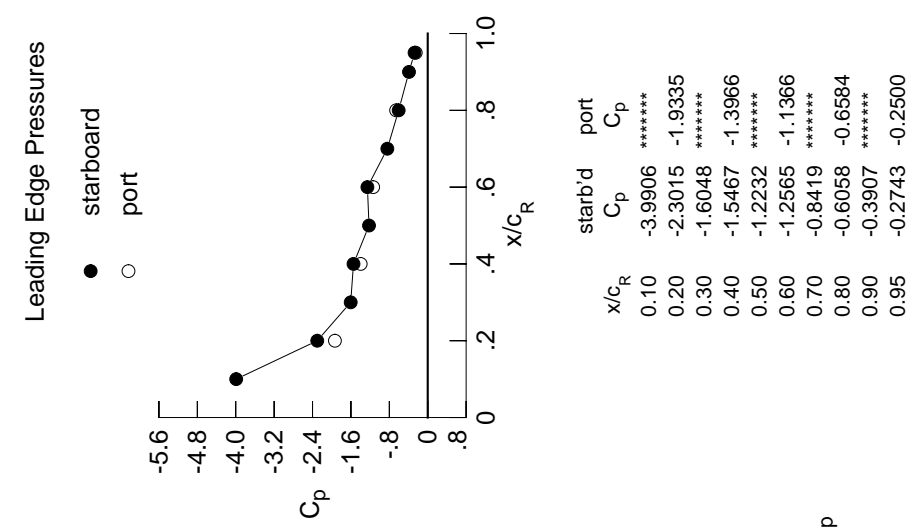


Table E1. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2782	-0.2309	-0.0590	*****	*****
0.100	-0.2737	-0.2332	-0.0727	*****	*****
0.150	-0.2888	-0.2318	-0.0911	*****	*****
0.200	-0.3236	-0.2332	-0.1057	*****	-0.2887
0.250	*****	-0.2447	-0.1370	-0.1886	-0.2847
0.300	-0.3626	-0.2733	-0.1735	-0.1903	-0.2442
0.350	-0.3982	-0.3370	-0.1621	-0.1681	-0.2418
0.400	-0.4090	-0.2993	-0.1680	-0.1566	-0.2864
0.450	-0.4329	-0.2911	-0.1524	-0.1483	-0.3259
0.500	-0.4731	-0.2882	-0.1840	-0.1392	-0.3548
0.525	*****	-0.2894	-0.1859	-0.1396	-0.3709
0.550	-0.5228	-0.3108	-0.1817	-0.1380	-0.3782
0.575	*****	-0.3129	-0.1677	-0.1490	-0.4058
0.600	-0.5584	-0.3105	-0.1913	-0.1772	-0.4360
0.625	*****	*****	-0.1892	-0.2326	-0.4925
0.650	-0.6195	-0.2873	-0.2323	-0.3453	-0.5773
0.675	*****	-0.2745	-0.3409	-0.5404	-0.6732
0.700	-0.6581	-0.2813	-0.5293	-0.8071	-0.7735
0.725	*****	-0.4181	*****	-1.0898	-0.8461
0.750	-0.6804	-0.8605	*****	-1.2889	-0.8496
0.775	*****	-1.4452	-1.6903	-1.3392	-0.7813
0.800	-0.6858	-1.8876	-1.8545	-1.1382	*****
0.825	*****	-2.0804	-1.7181	-0.9464	-0.4653
0.850	-0.6658	-2.0708	-1.2986	-0.7872	-0.4289
0.875	*****	-1.8745	-1.1171	-0.7575	-0.4163
0.900	-1.9079	-1.5766	-1.0999	-0.7322	*****
0.925	*****	-1.4558	-1.0458	-0.6758	-0.4671
0.950	-2.1070	-1.3804	-0.9786	-0.6496	-0.3307
0.975	*****	-1.3121	-0.9456	-0.6270	-0.2958
1.000	-2.3015	-1.5467	-1.2565	-0.6058	-0.2743
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2990	0.2670	0.2565	*****	-0.2710
-0.400	0.2966	0.2765	0.2355	0.0856	-0.3266
-0.600	0.3142	0.2879	0.2428	0.1140	-0.3424
-0.700	*****	0.2946	0.2478	0.1344	-0.3868
-0.800	*****	*****	0.2603	0.1624	-0.3999
-0.850	*****	0.3068	0.2676	0.1763	-0.4042
-0.900	0.3004	0.2808	0.2673	0.1994	-0.3955
-0.950	0.2467	0.1044	0.2067	0.1993	-0.1236
-0.975	*****	-0.0160	0.0776	0.1351	0.0259
-1.000	-1.9335	-1.3966	-1.1366	-0.6584	-0.2500

Small Radius L.E.
 Run No. = 44 , Point No. = 943
 $C_N = 0.606$, $C_m = -0.0870$
 $\alpha = 14.5^\circ$, $M_\infty = 0.401$
 $R_{mac} = 60.1 \times 10^6$



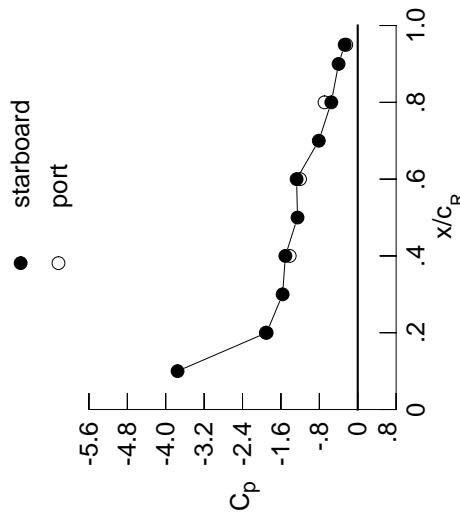
x/c_R	starb'd C_p	port C_p
0.10	-3.9906	*****
0.20	-2.3015	-1.9335
0.30	-1.6048	*****
0.40	-1.5467	-1.3966
0.50	-1.2232	*****
0.60	-1.2565	-1.1366
0.70	-0.8419	*****
0.80	-0.6058	-0.6584
0.90	-0.3907	*****
0.95	-0.2743	-0.2500

Table E1. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3403	-0.2810	-0.0881	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3352	-0.2820	-0.1011	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3447	-0.2793	-0.1172	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3792	-0.2860	-0.1416	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3282	-0.1855	-0.2064	-0.3234	*****	*****	*****	*****	*****
0.300	-0.4348	-0.3490	-0.1804	-0.1929	-0.2844	*****	*****	*****	*****	*****
0.350	-0.4929	-0.3300	-0.1864	-0.1780	-0.2926	*****	*****	*****	*****	*****
0.400	-0.5151	-0.3235	-0.1939	-0.1631	-0.3385	*****	*****	*****	*****	*****
0.450	-0.5286	-0.3262	-0.1786	-0.1556	-0.3776	*****	*****	*****	*****	*****
0.500	-0.5455	-0.3239	-0.2148	-0.1577	-0.4249	*****	*****	*****	*****	*****
0.525	*****	-0.3191	-0.2237	-0.1727	-0.4618	*****	*****	*****	*****	*****
0.550	-0.5556	-0.3326	-0.2354	-0.1994	-0.4930	*****	*****	*****	*****	*****
0.575	*****	-0.3253	-0.2497	-0.2570	-0.5667	*****	*****	*****	*****	*****
0.600	-0.5631	-0.3191	-0.3390	-0.3486	-0.6268	*****	*****	*****	*****	*****
0.625	*****	*****	-0.4156	-0.4876	-0.7029	*****	*****	*****	*****	*****
0.650	-0.5762	-0.3890	-0.6091	-0.6904	-0.7702	*****	*****	*****	*****	*****
0.675	*****	-0.5507	-0.8832	-0.9314	-0.8187	*****	*****	*****	*****	*****
0.700	-0.5483	-0.8842	-1.1807	-1.1706	-0.8546	*****	*****	*****	*****	*****
0.725	*****	-1.3736	*****	-1.3267	-0.8721	*****	*****	*****	*****	*****
0.750	-0.4538	-1.9004	*****	-1.3181	-0.8285	*****	*****	*****	*****	*****
0.775	*****	-2.2460	-1.9060	-1.1546	-0.7262	*****	*****	*****	*****	*****
0.800	-1.2917	-2.3934	-1.6890	-0.8426	*****	*****	*****	*****	*****	*****
0.825	*****	-2.3034	-1.2825	-0.7416	-0.4604	*****	*****	*****	*****	*****
0.850	-2.4364	-1.9615	-1.1501	-0.7106	-0.4192	*****	*****	*****	*****	*****
0.875	*****	-1.6554	-1.1389	-0.6829	-0.4068	*****	*****	*****	*****	*****
0.900	-2.2998	-1.5666	-1.1333	-0.6599	*****	*****	*****	*****	*****	*****
0.925	*****	-1.4859	-1.0725	-0.6143	-0.4662	*****	*****	*****	*****	*****
0.950	-1.9651	-1.4070	-1.0254	-0.5918	-0.3316	*****	*****	*****	*****	*****
0.975	*****	-1.3545	-0.9975	-0.5721	-0.3021	*****	*****	*****	*****	*****
1.000	-1.8973	-1.5073	-1.2739	-0.5508	-0.2718	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3502	0.3098	0.2891	*****	*****	-0.2825	*****	*****	*****	*****
-0.600	0.3469	0.3181	0.2680	0.1097	-0.3354	*****	*****	*****	*****	*****
-0.700	0.3598	0.3259	0.2769	0.1365	-0.3756	*****	*****	*****	*****	*****
-0.800	*****	0.3323	0.2787	0.1605	-0.4217	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2898	0.1862	-0.4121	*****	*****	*****	*****	*****
-0.900	*****	0.3241	0.2921	0.1998	-0.4022	*****	*****	*****	*****	*****
-0.950	0.3057	0.2790	0.2769	0.2182	-0.3814	*****	*****	*****	*****	*****
-0.975	0.2300	0.0752	0.1844	0.1952	-0.1005	*****	*****	*****	*****	*****
-1.000	*****	-0.0937	0.0200	0.1083	0.0326	*****	*****	*****	*****	*****
	-1.9141	-1.4167	-1.2017	-0.6917	-0.2392	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 44 , Point No. = 944
 $C_N = 0.721$, $C_m = -0.1033$
 $\alpha = 16.6^\circ$, $M_\infty = 0.401$
 $R_{mac} = 60.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-3.7536	*****
0.20	-1.8973	-1.9141
0.30	-1.5652	*****
0.40	-1.5073	-1.4167
0.50	-1.2546	*****
0.60	-1.2739	-1.2017
0.70	-0.8108	*****
0.80	-0.5508	-0.6917
0.90	-0.3990	*****
0.95	-0.2718	-0.2392

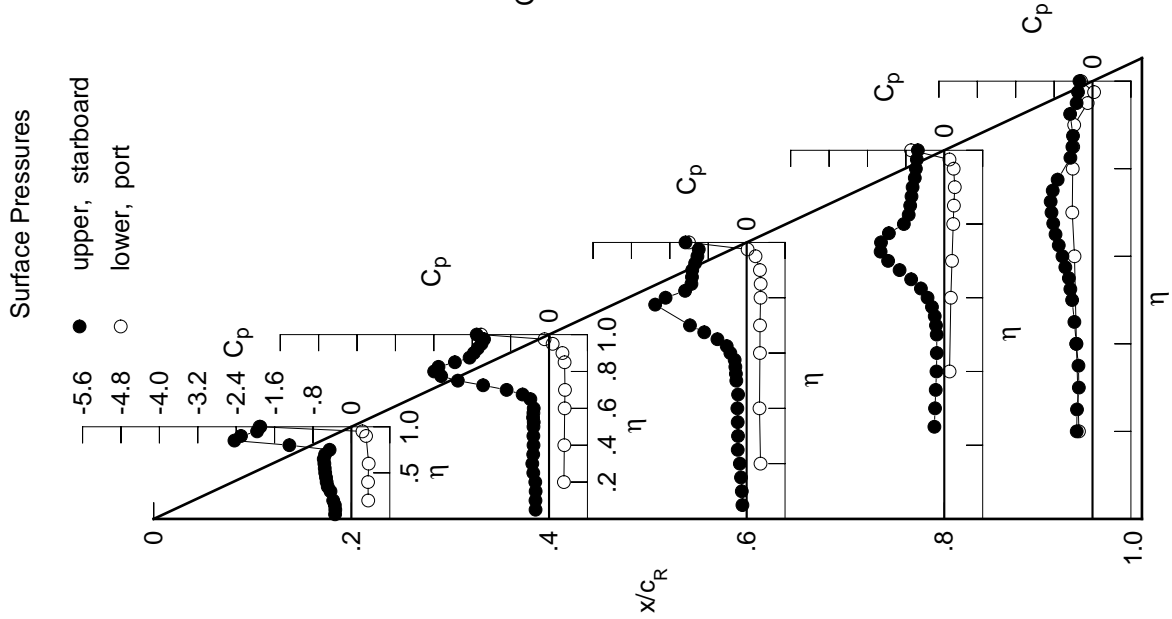
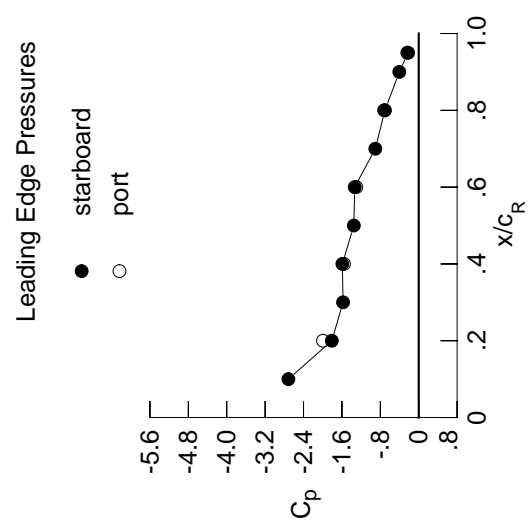


Table E1. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4188	-0.3472	-0.1292	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4134	-0.3465	-0.1392	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4306	-0.3647	-0.1686	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4806	-0.3744	-0.1933	*****	*****	*****	*****	*****	*****	-0.3148
0.250	*****	-0.3705	-0.2077	-0.2330	-0.2892	*****	*****	*****	*****	*****
0.300	-0.4739	-0.3714	-0.2127	-0.2209	-0.2680	*****	*****	*****	*****	*****
0.350	-0.4831	-0.3772	-0.2279	-0.2116	-0.2792	*****	*****	*****	*****	*****
0.400	-0.4900	-0.3768	-0.2418	-0.2061	-0.3159	*****	*****	*****	*****	*****
0.450	-0.5198	-0.3835	-0.2359	-0.2224	-0.3491	*****	*****	*****	*****	*****
0.500	-0.5310	-0.3803	-0.3076	-0.2724	-0.4078	*****	*****	*****	*****	*****
0.525	*****	-0.3832	-0.3506	-0.3282	-0.4583	*****	*****	*****	*****	*****
0.550	-0.5292	-0.4181	-0.4190	-0.4125	-0.5206	*****	*****	*****	*****	*****
0.575	*****	-0.4535	-0.5137	-0.5415	-0.6239	*****	*****	*****	*****	*****
0.600	-0.4782	-0.5290	-0.7264	-0.7153	-0.7401	*****	*****	*****	*****	*****
0.625	*****	*****	-0.9163	-0.9319	-0.8719	*****	*****	*****	*****	*****
0.650	-0.4885	-0.9759	-1.2231	-1.1838	-0.9931	*****	*****	*****	*****	*****
0.675	*****	-1.3698	-1.5673	-1.4301	-1.0422	*****	*****	*****	*****	*****
0.700	-1.1382	-1.8462	-1.8056	-1.6037	-1.0151	*****	*****	*****	*****	*****
0.725	*****	-2.2866	*****	-1.6388	-0.8697	*****	*****	*****	*****	*****
0.750	-2.2850	-2.6039	*****	-1.4940	-0.5893	*****	*****	*****	*****	*****
0.775	*****	-2.6127	-1.7903	-1.2125	-0.3639	*****	*****	*****	*****	*****
0.800	-2.7023	-2.2615	-1.4050	-0.9110	*****	*****	*****	*****	*****	*****
0.825	*****	-1.8190	-1.2309	-0.8663	-0.3428	*****	*****	*****	*****	*****
0.850	-2.5009	-1.6933	-1.2162	-0.8470	-0.3269	*****	*****	*****	*****	*****
0.875	*****	-1.6802	-1.2171	-0.8401	-0.3130	*****	*****	*****	*****	*****
0.900	-2.0457	-1.6378	-1.2105	-0.8260	*****	*****	*****	*****	*****	*****
0.925	*****	-1.5451	-1.1502	-0.7758	-0.3719	*****	*****	*****	*****	*****
0.950	-1.8875	-1.4979	-1.1061	-0.7420	-0.2800	*****	*****	*****	*****	*****
0.975	*****	-1.4719	-1.0815	-0.7253	-0.2510	*****	*****	*****	*****	*****
1.000	-1.8101	-1.5912	-1.3335	-0.7037	-0.2218	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4031	0.3557	0.3264	*****	-0.2732	*****	*****	*****	*****	*****
-0.600	0.4008	0.3621	0.3056	0.1384	-0.3422	*****	*****	*****	*****	*****
-0.700	0.4069	0.3699	0.3138	0.1653	-0.4098	*****	*****	*****	*****	*****
-0.800	*****	0.3728	0.3144	0.1886	-0.4488	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3205	0.2127	-0.4168	*****	*****	*****	*****	*****
-0.900	0.3049	0.2706	0.2851	0.2364	-0.3582	*****	*****	*****	*****	*****
-0.950	0.2042	0.0340	0.1544	0.1914	-0.0814	*****	*****	*****	*****	*****
-0.975	*****	-0.1986	-0.0485	0.0790	0.0352	*****	*****	*****	*****	*****
-1.000	-1.9950	-1.5573	-1.2997	-0.7208	-0.2387	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 44 , Point No. = 945
 $C_N = 0.844$, $C_m = -0.1172$
 $\alpha = 18.7^\circ$, $M_\infty = 0.400$
 $R_{mac} = 60.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-2.7151	*****
0.20	-1.8101	-1.9950
0.30	-1.5765	*****
0.40	-1.5912	-1.5573
0.50	-1.3522	*****
0.60	-1.3335	-1.2997
0.70	-0.9047	*****
0.80	-0.7037	-0.7208
0.90	-0.4052	*****
0.95	-0.2218	-0.2387

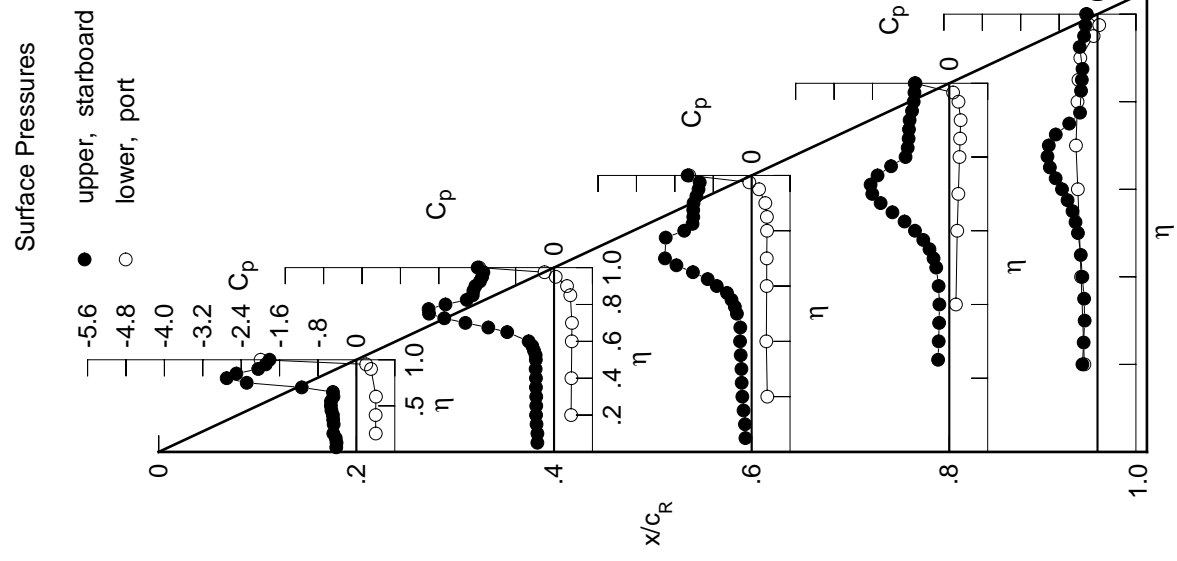
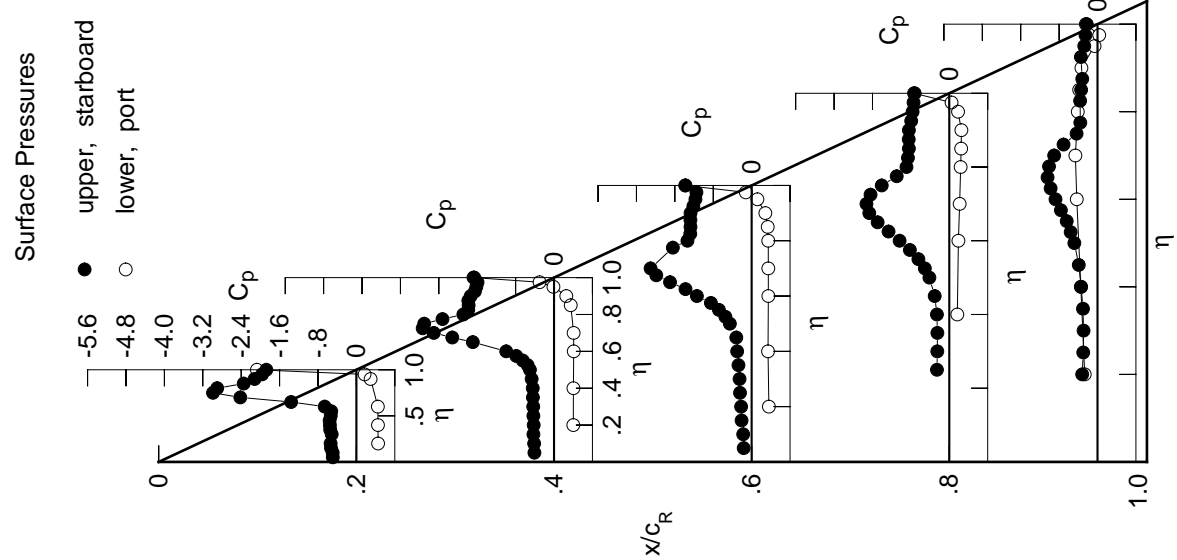
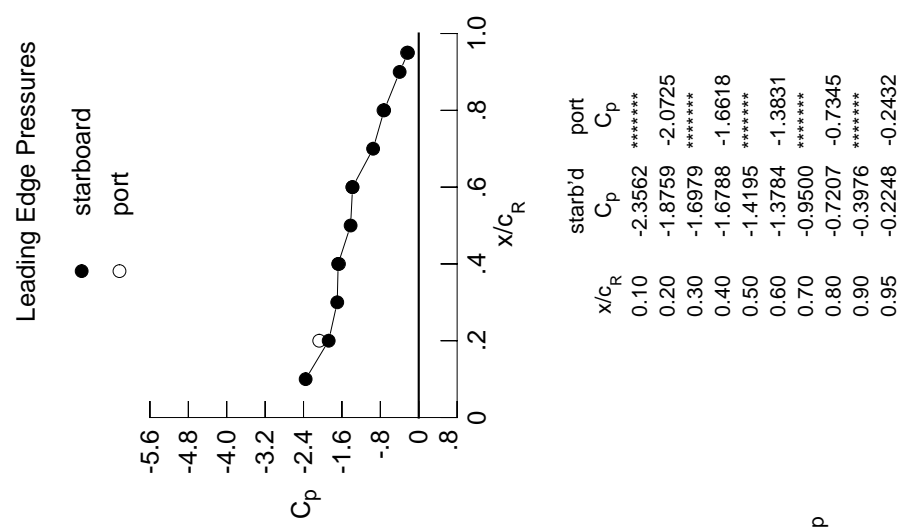


Table E1. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4912	-0.4090	-0.1653	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4934	-0.4145	-0.1761	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5290	-0.4285	-0.2097	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5369	-0.4240	-0.2195	*****	*****	*****	*****	*****	*****	-0.3189
0.250	*****	-0.4300	-0.2426	-0.2568	-0.2971	*****	*****	*****	*****	-0.2971
0.300	-0.5145	-0.4335	-0.2523	-0.2493	-0.2902	*****	*****	*****	*****	-0.2902
0.350	-0.5455	-0.4403	-0.2740	-0.2480	-0.3027	*****	*****	*****	*****	-0.3027
0.400	-0.5519	-0.4434	-0.3012	-0.2575	-0.3405	*****	*****	*****	*****	-0.3405
0.450	-0.5578	-0.4665	-0.3200	-0.3036	-0.3907	*****	*****	*****	*****	-0.3907
0.500	-0.5341	-0.5022	-0.4537	-0.4144	-0.4823	*****	*****	*****	*****	-0.4823
0.525	*****	-0.5496	-0.5476	-0.5097	-0.5591	*****	*****	*****	*****	-0.5591
0.550	-0.5242	-0.6505	-0.6816	-0.6433	-0.6413	*****	*****	*****	*****	-0.6413
0.575	*****	-0.7873	-0.8487	-0.8216	-0.7634	*****	*****	*****	*****	-0.7634
0.600	-0.6596	-0.9959	-1.1408	-1.0354	-0.8752	*****	*****	*****	*****	-0.8752
0.625	*****	*****	-1.3774	-1.2656	-0.9770	*****	*****	*****	*****	-0.9770
0.650	-1.3595	-1.6922	-1.7003	-1.4932	-1.0405	*****	*****	*****	*****	-1.0405
0.675	*****	-2.1203	-1.9862	-1.6661	-1.0106	*****	*****	*****	*****	-1.0106
0.700	-2.4182	-2.5052	-2.1053	-1.7256	-0.9034	*****	*****	*****	*****	-0.9034
0.725	*****	-2.7371	*****	-1.6409	-0.7081	*****	*****	*****	*****	-0.7081
0.750	-2.9869	-2.7047	*****	-1.4072	-0.4359	*****	*****	*****	*****	-0.4359
0.775	*****	-2.3238	-1.6420	-1.0953	-0.3585	*****	*****	*****	*****	-0.3585
0.800	-2.9000	-1.8899	-1.3379	-0.8918	*****	*****	*****	*****	*****	*****
0.825	*****	-1.7874	-1.2780	-0.8620	-0.3623	*****	*****	*****	*****	-0.3623
0.850	-2.3478	-1.7796	-1.2738	-0.8420	-0.3419	*****	*****	*****	*****	-0.3419
0.875	*****	-1.7854	-1.2748	-0.8449	-0.3178	*****	*****	*****	*****	-0.3178
0.900	-2.1205	-1.7358	-1.2732	-0.8414	*****	*****	*****	*****	*****	*****
0.925	*****	-1.6497	-1.2145	-0.7939	-0.3464	*****	*****	*****	*****	-0.3464
0.950	-1.9645	-1.6185	-1.1713	-0.7641	-0.2760	*****	*****	*****	*****	-0.2760
0.975	*****	-1.5938	-1.1507	-0.7446	-0.2507	*****	*****	*****	*****	-0.2507
1.000	-1.8759	-1.6788	-1.3784	-0.7207	-0.2248	*****	*****	*****	*****	-0.2248
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4519	0.4012	0.3593	*****	-0.2661	*****	*****	*****	*****	-0.2661
-0.600	0.4498	0.4038	0.3412	0.1674	-0.3482	*****	*****	*****	*****	-0.3482
-0.700	0.4475	0.4101	0.3479	0.1898	-0.4319	*****	*****	*****	*****	-0.4319
-0.800	*****	0.4081	0.3471	0.2157	-0.4611	*****	*****	*****	*****	-0.4611
-0.850	*****	*****	0.3465	0.2372	-0.4110	*****	*****	*****	*****	-0.4110
-0.900	*****	0.3479	0.3348	0.2473	-0.3822	*****	*****	*****	*****	-0.3822
-0.950	0.2963	0.2549	0.2857	0.2521	-0.3356	*****	*****	*****	*****	-0.3356
-0.975	0.1703	-0.0127	0.1199	0.1820	-0.0620	*****	*****	*****	*****	-0.0620
-1.000	*****	-0.3019	-0.1213	0.0469	0.0350	*****	*****	*****	*****	0.0350
	-2.0725	-1.6618	-1.3831	-0.7345	-0.2432	*****	*****	*****	*****	-0.2432

Small Radius L.E.
 Run No. = 44 , Point No. = 946
 $C_N = 0.957$, $C_m = -0.1266$
 $\alpha = 20.7^\circ$, $M_\infty = 0.400$
 $R_{mac} = 59.9 \times 10^6$

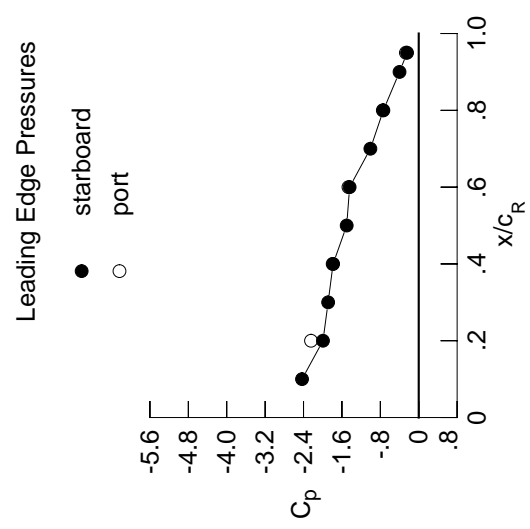


x/c_R	starb'd C_p	port C_p
0.10	-2.3562	*****
0.20	-1.8759	-2.0725
0.30	-1.6979	*****
0.40	-1.6788	-1.6618
0.50	-1.4195	*****
0.60	-1.3784	-1.3831
0.70	-0.9500	*****
0.80	-0.7207	-0.7345
0.90	-0.3976	*****
0.95	-0.2248	-0.2432

Table E1. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.5737	-0.4785	-0.2012	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5763	-0.4821	-0.2161	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6021	-0.4965	-0.2430	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6190	-0.4975	-0.2684	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.4998	-0.2875	-0.2879	-0.2879	-0.3362	*****	*****	*****	*****
0.300	-0.5960	-0.5059	-0.3053	-0.2930	-0.2930	-0.3344	*****	*****	*****	*****
0.350	-0.6183	-0.5197	-0.3389	-0.3028	-0.3028	-0.3340	*****	*****	*****	*****
0.400	-0.6136	-0.5382	-0.3856	-0.3337	-0.3337	-0.3752	*****	*****	*****	*****
0.450	-0.6136	-0.5933	-0.4489	-0.4184	-0.4184	-0.4382	*****	*****	*****	*****
0.500	-0.6073	-0.7013	-0.6440	-0.5869	-0.5869	-0.5630	*****	*****	*****	*****
0.525	*****	-0.8099	-0.7912	-0.7209	-0.7209	-0.6491	*****	*****	*****	*****
0.550	-0.7217	-0.9963	-0.9747	-0.8822	-0.8822	-0.7408	*****	*****	*****	*****
0.575	*****	-1.2138	-1.1962	-1.0922	-1.0922	-0.8585	*****	*****	*****	*****
0.600	-1.1988	-1.5176	-1.5204	-1.3126	-1.3126	-0.9503	*****	*****	*****	*****
0.625	*****	*****	-1.7644	-1.5250	-1.5250	-1.0113	*****	*****	*****	*****
0.650	-2.2040	-2.2834	-2.0516	-1.7016	-1.7016	-1.0231	*****	*****	*****	*****
0.675	*****	-2.6461	-2.2643	-1.7898	-1.7898	-0.9438	*****	*****	*****	*****
0.700	-3.1236	-2.8853	-2.2662	-1.7637	-1.7637	-0.8031	*****	*****	*****	*****
0.725	*****	-2.8788	*****	-1.6046	-1.6046	-0.6038	*****	*****	*****	*****
0.750	-3.4162	-2.5762	*****	-1.3351	-1.3351	-0.3885	*****	*****	*****	*****
0.775	*****	-2.0936	-1.5678	-1.0330	-1.0330	-0.3804	*****	*****	*****	*****
0.800	-2.9424	-1.9150	-1.3737	-0.8991	-0.8991	*****	*****	*****	*****	*****
0.825	*****	-1.8972	-1.3445	-0.8733	-0.8733	-0.3850	*****	*****	*****	*****
0.850	-2.4412	-1.9094	-1.3422	-0.8539	-0.8539	-0.3609	*****	*****	*****	*****
0.875	*****	-1.9139	-1.3462	-0.8514	-0.8514	-0.3403	*****	*****	*****	*****
0.900	-2.2774	-1.8565	-1.3429	-0.8507	-0.8507	*****	*****	*****	*****	*****
0.925	*****	-1.7761	-1.2934	-0.8153	-0.8153	-0.3380	*****	*****	*****	*****
0.950	-2.0970	-1.7473	-1.2539	-0.7792	-0.7792	-0.2849	*****	*****	*****	*****
0.975	*****	-1.7303	-1.2368	-0.7585	-0.7585	-0.2643	*****	*****	*****	*****
1.000	-1.9948	-1.7843	-1.4397	-0.7369	-0.7369	-0.2429	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5005	0.4417	0.3955	*****	*****	-0.2594	*****	*****	*****	*****
-0.600	0.4947	0.4455	0.3758	0.1956	0.1956	-0.3468	*****	*****	*****	*****
-0.700	0.4821	0.4444	0.3822	0.2175	0.2175	-0.4433	*****	*****	*****	*****
-0.800	*****	0.4406	0.3771	0.2409	0.2409	-0.4626	*****	*****	*****	*****
-0.850	*****	*****	0.3695	0.2598	0.2598	-0.4022	*****	*****	*****	*****
-0.900	*****	0.3484	0.3484	0.2682	0.2682	-0.3690	*****	*****	*****	*****
-0.950	0.2779	0.2312	0.2797	0.2636	0.2636	-0.3143	*****	*****	*****	*****
-0.975	0.1240	-0.0631	0.0793	0.1705	0.1705	-0.0478	*****	*****	*****	*****
-1.000	*****	-0.4184	-0.2000	0.0130	0.0307	*****	*****	*****	*****	*****
-1.000	-2.2439	-1.7926	-1.4642	-0.7480	-0.7480	-0.2670	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 44 , Point No. = 947
 $C_N = 1.075$, $C_m = -0.1409$
 $\alpha = 22.8^\circ$, $M_\infty = 0.400$
 $R_{mac} = 60.1 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-2.4309	*****
0.20	-1.9948	-2.2439
0.30	-1.8875	*****
0.40	-1.7843	-1.7926
0.50	-1.5007	*****
0.60	-1.4397	-1.4642
0.70	-1.0074	*****
0.80	-0.7369	-0.7480
0.90	-0.4003	*****
0.95	-0.2429	-0.2670

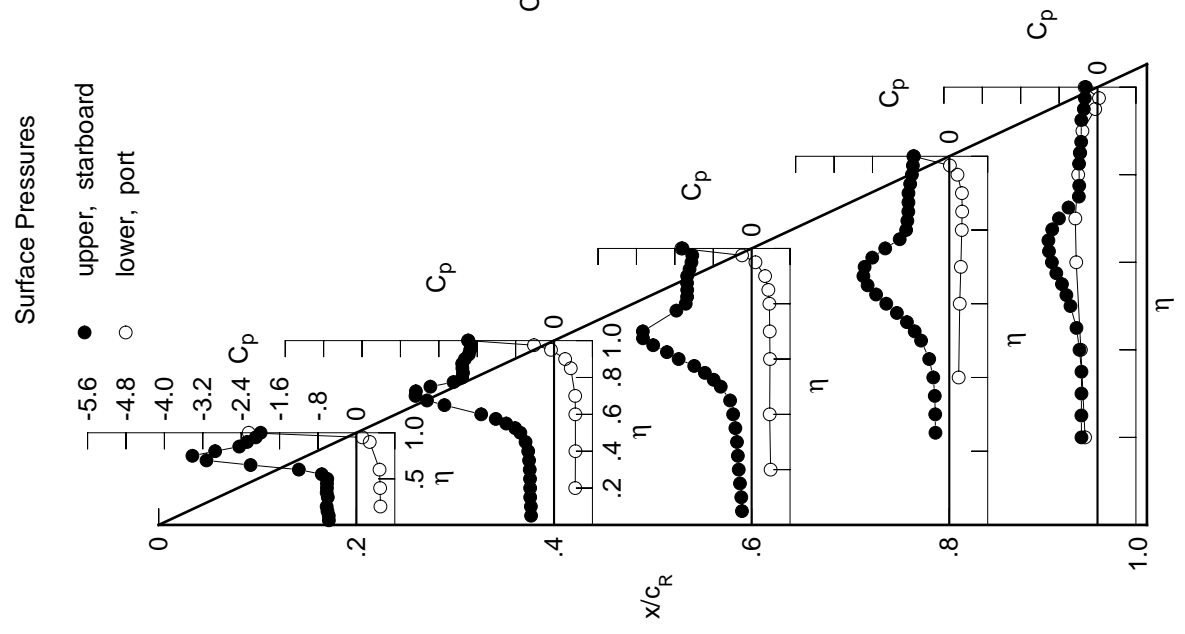
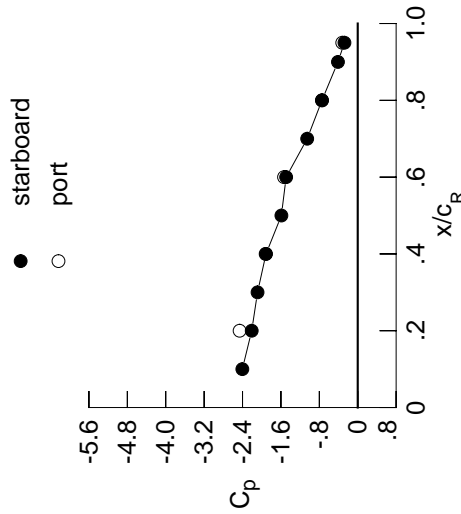


Table E1. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6687	-0.5531	-0.2382	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6690	-0.5545	-0.2557	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6920	-0.5641	-0.2809	*****	*****	*****	*****	*****	*****	*****
0.200	-0.7114	-0.5710	-0.3073	*****	*****	*****	*****	*****	*****	-0.3413
0.250	*****	-0.5767	-0.3394	-0.3261	-0.3550	*****	*****	*****	*****	-0.3550
0.300	-0.6854	-0.5916	-0.3659	-0.3398	-0.3637	*****	*****	*****	*****	-0.3637
0.350	-0.7064	-0.6210	-0.4174	-0.3692	-0.3770	*****	*****	*****	*****	-0.3770
0.400	-0.7019	-0.6684	-0.4955	-0.4286	-0.4303	*****	*****	*****	*****	-0.4303
0.450	-0.7292	-0.7848	-0.6120	-0.5596	-0.5112	*****	*****	*****	*****	-0.5112
0.500	-0.8316	-0.9886	-0.8773	-0.7851	-0.6545	*****	*****	*****	*****	-0.6545
0.525	*****	-1.1597	-1.0727	-0.9483	-0.7457	*****	*****	*****	*****	-0.7457
0.550	-1.2329	-1.4300	-1.2999	-1.1312	-0.8325	*****	*****	*****	*****	-0.8325
0.575	*****	-1.7104	-1.5559	-1.3521	-0.9334	*****	*****	*****	*****	-0.9334
0.600	-2.0743	-2.0622	-1.8937	-1.5609	-0.9938	*****	*****	*****	*****	-0.9938
0.625	*****	*****	-2.1230	-1.7324	-1.0133	*****	*****	*****	*****	-1.0133
0.650	-3.1042	-2.7778	-2.3506	-1.8444	-0.9832	*****	*****	*****	*****	-0.9832
0.675	*****	-3.0150	-2.4688	-1.8475	-0.8731	*****	*****	*****	*****	-0.8731
0.700	-3.7081	-3.0463	-2.3612	-1.7403	-0.7204	*****	*****	*****	*****	-0.7204
0.725	*****	-2.8119	*****	-1.5300	-0.5345	*****	*****	*****	*****	-0.5345
0.750	-3.4290	-2.3649	*****	-1.2323	-0.3869	*****	*****	*****	*****	-0.3869
0.775	*****	-2.0626	-1.5337	-0.9674	-0.4067	*****	*****	*****	*****	-0.4067
0.800	-2.7344	-2.0230	-1.4310	-0.8924	*****	*****	*****	*****	*****	-0.8924
0.825	*****	-2.0230	-1.4098	-0.8695	-0.4013	*****	*****	*****	*****	-0.4013
0.850	-2.5800	-2.0362	-1.4094	-0.8522	-0.3776	*****	*****	*****	*****	-0.3776
0.875	*****	-2.0368	-1.4141	-0.8468	-0.3575	*****	*****	*****	*****	-0.3575
0.900	-2.4262	-1.9806	-1.4131	-0.8471	*****	*****	*****	*****	*****	-0.8471
0.925	*****	-1.9113	-1.3667	-0.8181	-0.3382	*****	*****	*****	*****	-0.3382
0.950	-2.2747	-1.8889	-1.3268	-0.7887	-0.3016	*****	*****	*****	*****	-0.3016
0.975	*****	-1.8755	-1.3118	-0.7670	-0.2892	*****	*****	*****	*****	-0.2892
1.000	-2.2085	-1.9111	-1.4913	-0.7449	-0.2771	*****	*****	*****	*****	-0.2771
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5476	0.4867	0.4308	*****	-0.2540	*****	*****	*****	*****	-0.2540
-0.600	0.5405	0.4872	0.4125	0.2268	-0.3399	*****	*****	*****	*****	-0.3399
-0.700	0.5159	0.4834	0.4154	0.2460	-0.4407	*****	*****	*****	*****	-0.4407
-0.800	*****	0.4719	0.4085	0.2695	-0.4525	*****	*****	*****	*****	-0.4525
-0.850	*****	*****	0.3915	0.2841	-0.3869	*****	*****	*****	*****	-0.3869
-0.900	*****	0.3454	0.3608	0.2882	-0.3492	*****	*****	*****	*****	-0.3492
-0.950	0.2517	0.2003	0.2723	0.2736	-0.2908	*****	*****	*****	*****	-0.2908
-0.975	0.0740	-0.1066	0.0328	0.1554	-0.0365	*****	*****	*****	*****	-0.0365
-1.000	*****	-0.5415	-0.2821	-0.0220	0.0176	*****	*****	*****	*****	0.0176
	-2.4610	-1.9184	-1.5355	-0.7450	-0.3225	*****	*****	*****	*****	-0.3225

Small Radius L.E.
 Run No. = 44 , Point No. = 948
 $C_N = 1.193$, $C_m = -0.1544$
 $\alpha = 24.8^\circ$, $M_\infty = 0.400$
 $R_{mac} = 60.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-2.4043	*****
0.20	-2.2085	-2.4610
0.30	-2.0875	*****
0.40	-1.9111	-1.9184
0.50	-1.5908	*****
0.60	-1.4913	-1.5355
0.70	-1.0530	*****
0.80	-0.7449	-0.7450
0.90	-0.4124	*****
0.95	-0.2771	-0.3225

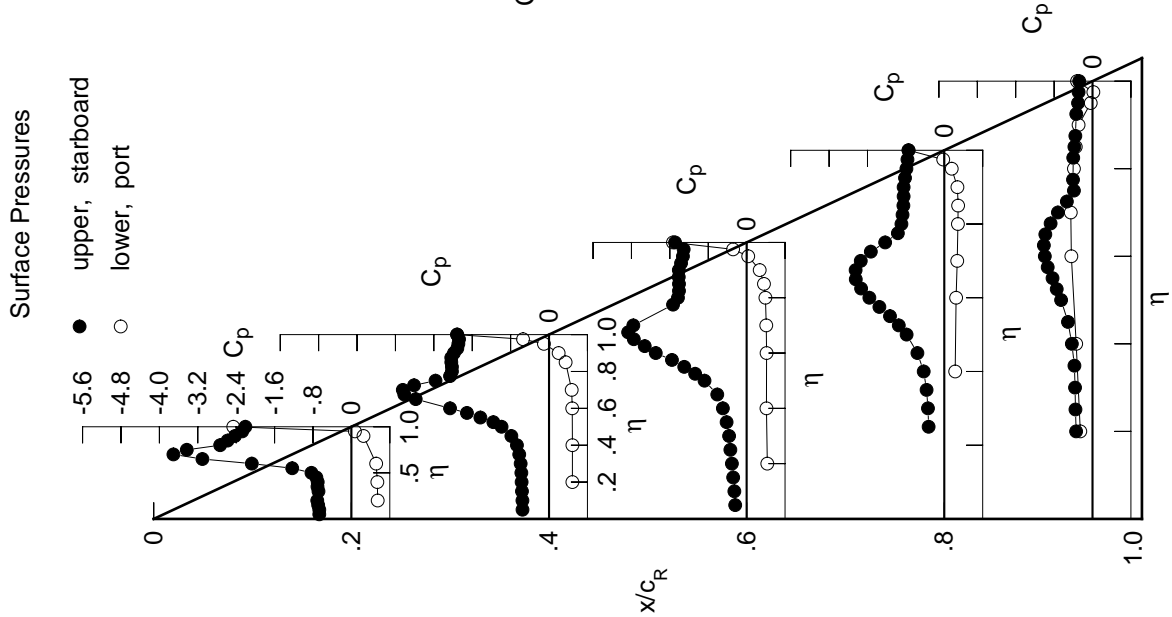
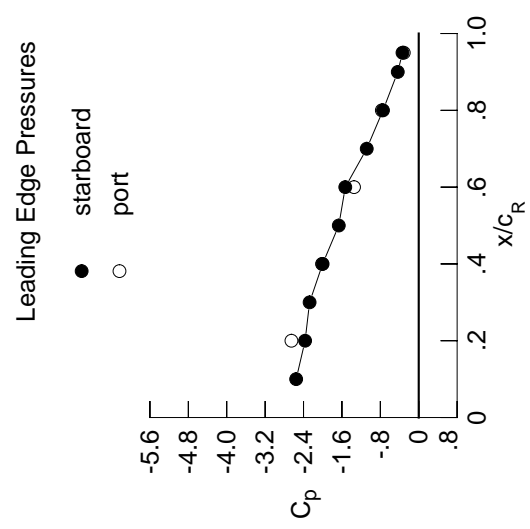


Table E1. Concluded.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.7645	-0.6151	-0.2628	*****	*****	*****	*****	*****	*****	*****
0.100	-0.7656	-0.6163	-0.2849	*****	*****	*****	*****	*****	*****	*****
0.150	-0.7873	-0.6255	-0.3144	*****	*****	*****	*****	*****	*****	*****
0.200	-0.8028	-0.6308	-0.3452	*****	*****	*****	*****	*****	*****	-0.3571
0.250	*****	-0.6504	-0.3881	-0.3822	-0.3822	-0.3822	-0.3822	-0.3822	-0.3822	-0.3891
0.300	-0.7796	-0.6743	-0.4345	-0.4039	-0.4039	-0.4039	-0.4039	-0.4039	-0.4039	-0.4043
0.350	-0.8026	-0.7240	-0.5077	-0.4522	-0.4522	-0.4522	-0.4522	-0.4522	-0.4522	-0.4216
0.400	-0.8215	-0.8127	-0.6187	-0.5376	-0.5376	-0.5376	-0.5376	-0.5376	-0.5376	-0.4869
0.450	-0.9087	-0.9965	-0.7874	-0.7083	-0.7083	-0.7083	-0.7083	-0.7083	-0.7083	-0.5822
0.500	-1.1535	-1.2913	-1.1087	-0.9753	-0.9753	-0.9753	-0.9753	-0.9753	-0.9753	-0.7285
0.525	*****	-1.5139	-1.3338	-1.1497	-1.1497	-1.1497	-1.1497	-1.1497	-1.1497	-0.8159
0.550	-1.7690	-1.8447	-1.5835	-1.3338	-1.3338	-1.3338	-1.3338	-1.3338	-1.3338	-0.8877
0.575	*****	-2.1690	-1.8477	-1.5446	-1.5446	-1.5446	-1.5446	-1.5446	-1.5446	-0.9667
0.600	-2.7871	-2.5345	-2.1679	-1.7233	-1.7233	-1.7233	-1.7233	-1.7233	-1.7233	-0.9984
0.625	*****	*****	-2.3647	-1.8468	-1.8468	-1.8468	-1.8468	-1.8468	-1.8468	-0.9900
0.650	-3.8370	-3.1491	-2.5294	-1.8924	-1.8924	-1.8924	-1.8924	-1.8924	-1.8924	-0.9314
0.675	*****	-3.2444	-2.5683	-1.8351	-1.8351	-1.8351	-1.8351	-1.8351	-1.8351	-0.8076
0.700	-4.1441	-3.1028	-2.3962	-1.6805	-1.6805	-1.6805	-1.6805	-1.6805	-1.6805	-0.6603
0.725	*****	-2.7319	*****	-1.4415	-1.4415	-1.4415	-1.4415	-1.4415	-1.4415	-0.4912
0.750	-3.1869	-2.2825	*****	-1.1373	-1.1373	-1.1373	-1.1373	-1.1373	-1.1373	-0.3997
0.775	*****	-2.1422	-1.5545	-0.9236	-0.9236	-0.9236	-0.9236	-0.9236	-0.9236	-0.4259
0.800	-2.8361	-2.1217	-1.4831	-0.8754	-0.8754	-0.8754	-0.8754	-0.8754	-0.8754	*****
0.825	*****	-2.1268	-1.4661	-0.8521	-0.8521	-0.8521	-0.8521	-0.8521	-0.8521	-0.4330
0.850	-2.7830	-2.1457	-1.4605	-0.8352	-0.8352	-0.8352	-0.8352	-0.8352	-0.8352	-0.4103
0.875	*****	-2.1493	-1.4652	-0.8243	-0.8243	-0.8243	-0.8243	-0.8243	-0.8243	-0.3962
0.900	-2.5699	-2.0903	-1.4688	-0.8262	-0.8262	-0.8262	-0.8262	-0.8262	-0.8262	*****
0.925	*****	-2.0145	-1.4257	-0.8078	-0.8078	-0.8078	-0.8078	-0.8078	-0.8078	-0.3791
0.950	-2.4047	-1.9859	-1.3909	-0.7808	-0.7808	-0.7808	-0.7808	-0.7808	-0.7808	-0.3607
0.975	*****	-1.9799	-1.3750	-0.7645	-0.7645	-0.7645	-0.7645	-0.7645	-0.7645	-0.3496
1.000	-2.3672	-2.0021	-1.5301	-0.7445	-0.7445	-0.7445	-0.7445	-0.7445	-0.7445	-0.3382
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5942	0.5249	0.4658	*****	*****	*****	*****	*****	*****	-0.2845
-0.400	0.5842	0.5277	0.4450	0.2425	0.2425	0.2425	0.2425	0.2425	0.2425	-0.3742
-0.600	0.5477	0.5157	0.4443	0.2686	0.2686	0.2686	0.2686	0.2686	0.2686	-0.4677
-0.700	*****	0.5009	0.4430	0.2853	0.2853	0.2853	0.2853	0.2853	0.2853	-0.4598
-0.800	*****	*****	0.4169	0.2994	0.2994	0.2994	0.2994	0.2994	0.2994	-0.3799
-0.850	*****	0.3415	0.3782	0.2995	0.2995	0.2995	0.2995	0.2995	0.2995	-0.3355
-0.900	0.2247	0.1709	0.2795	0.2712	0.2712	0.2712	0.2712	0.2712	0.2712	-0.2684
-0.950	0.0165	-0.1377	0.0252	0.1352	0.1352	0.1352	0.1352	0.1352	0.1352	-0.0230
-0.975	*****	-0.6527	-0.2948	-0.0574	-0.0574	-0.0574	-0.0574	-0.0574	-0.0574	0.0187
-1.000	-2.6524	-2.0146	-1.3476	-0.7688	-0.7688	-0.7688	-0.7688	-0.7688	-0.7688	-0.3111

Small Radius L.E.
 Run No. = 44 , Point No. = 949
 $C_N = 1.278$, $C_m = -0.1575$
 $\alpha = 26.9^\circ$, $M_\infty = 0.400$
 $R_{mac} = 60.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-2.5536	*****
0.20	-2.3672	-2.6524
0.30	-2.2740	*****
0.40	-2.0021	-2.0146
0.50	-1.6659	*****
0.60	-1.5301	-1.3476
0.70	-1.0834	*****
0.80	-0.7445	-0.7688
0.90	-0.4368	*****
0.95	-0.3382	-0.3111

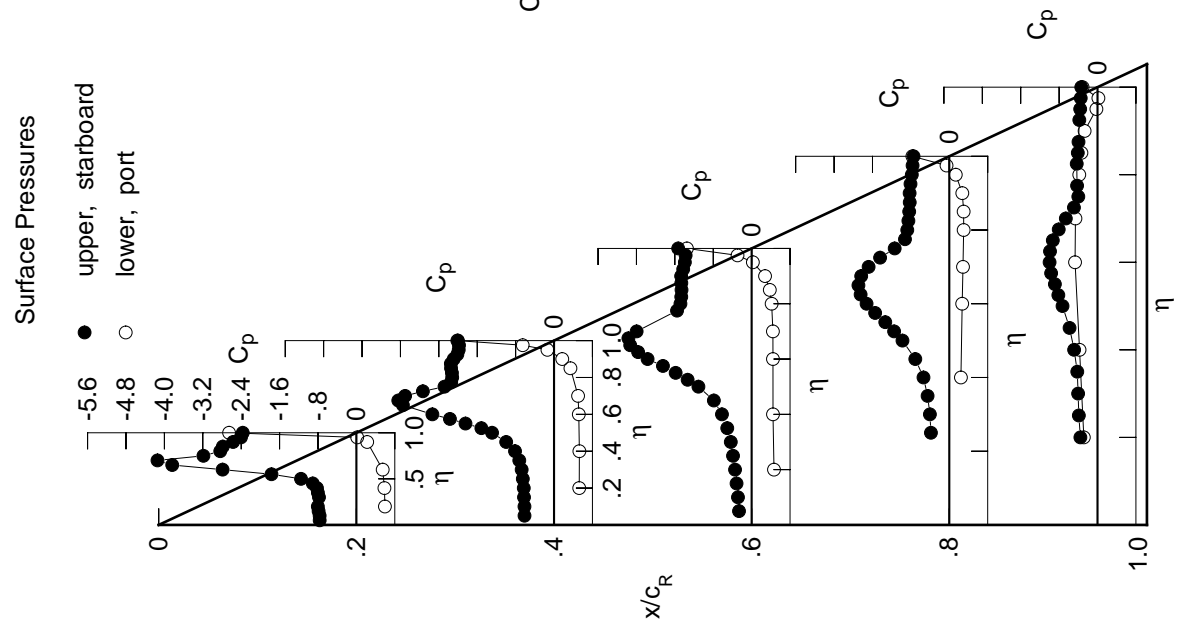
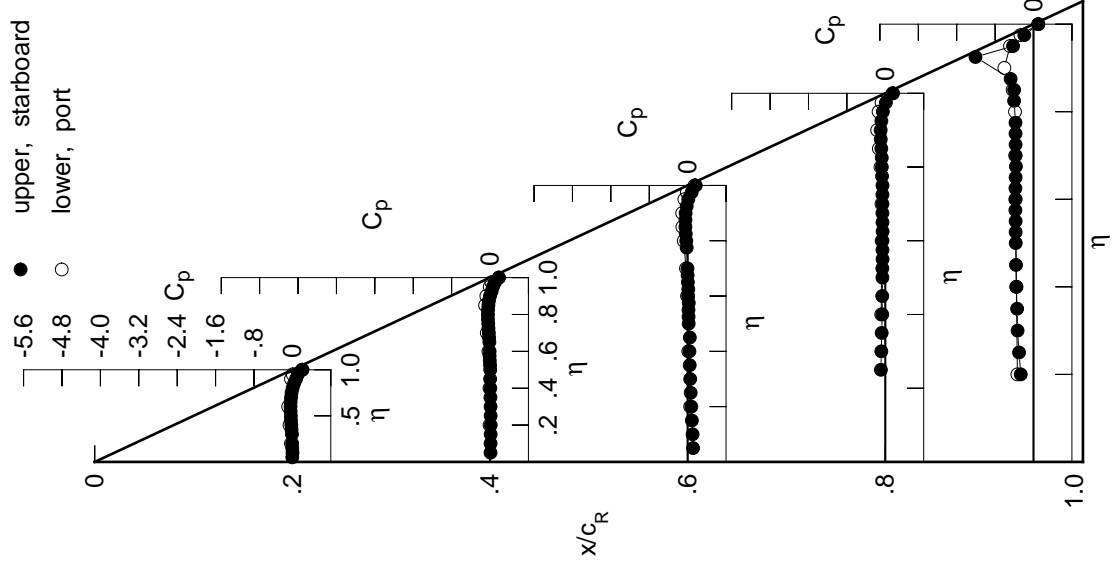


Table E2. Tabulations and Plots of Surface Pressure Coefficients.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0022	0.0103	0.1132	0.1132	0.0628	-0.0916	-0.3018	0.0500	0.0500	0.0500
0.100	0.0025	0.0116	0.1033	0.1033	0.0533	-0.0821	-0.3322	0.0500	0.0500	0.0500
0.150	-0.0022	0.0124	0.0884	0.0884	0.0429	-0.0752	-0.3415	0.0500	0.0500	0.0500
0.200	-0.0047	0.0143	0.0761	0.0761	0.0379	-0.0634	-0.3582	0.0500	0.0500	0.0500
0.250	0.0000	0.0124	0.0628	0.0628	0.0288	-0.0458	-0.3650	0.0500	0.0500	0.0500
0.300	-0.0084	0.0113	0.0533	0.0533	0.0218	-0.0602	-0.3707	0.0500	0.0500	0.0500
0.350	-0.0173	0.0087	0.0429	0.0429	0.0192	-0.0613	-0.3723	0.0500	0.0500	0.0500
0.400	-0.0214	0.0065	0.0379	0.0379	0.0174	-0.0571	-0.3725	0.0500	0.0500	0.0500
0.450	-0.0295	0.0028	0.0458	0.0458	0.0235	-0.0586	-0.3772	0.0500	0.0500	0.0500
0.500	-0.0328	0.0042	0.0218	0.0218	0.0110	-0.0592	-0.3773	0.0500	0.0500	0.0500
0.525	0.0000	0.0010	0.0192	0.0192	0.0136	-0.0559	-0.3770	0.0500	0.0500	0.0500
0.550	-0.0379	-0.0058	0.0174	0.0174	0.0052	-0.0587	-0.3747	0.0500	0.0500	0.0500
0.575	0.0000	-0.0086	0.0235	0.0235	-0.0437	-0.0201	-0.0678	-0.3752	0.0500	0.0500
0.600	-0.0382	-0.0089	0.0110	0.0110	-0.0428	-0.0395	-0.0733	-0.4042	0.0500	0.0500
0.625	0.0000	0.0000	0.0136	0.0136	-0.0347	-0.0461	-0.0834	-0.4037	0.0500	0.0500
0.650	-0.0371	-0.0133	0.0052	0.0052	-0.0224	-0.0458	-0.0941	-0.4772	0.0500	0.0500
0.675	0.0000	-0.0210	-0.0009	-0.0009	-0.0011	-0.0415	-0.0966	0.0000	0.0000	0.0000
0.700	-0.0283	-0.0250	-0.0029	-0.0029	0.0332	-0.0202	-0.0813	-1.2084	0.0500	0.0500
0.725	0.0000	-0.0321	0.0000	0.0000	0.0604	0.0136	-0.0510	-0.4262	0.0500	0.0500
0.750	-0.0179	-0.0370	0.0000	0.0000	0.1053	0.0843	0.0132	-0.1920	0.0500	0.0500
0.775	0.0000	-0.0437	-0.0201	-0.0201	0.2123	0.1853	0.1688	0.1612	0.0995	0.0995
0.800	0.0050	-0.0442	-0.0287	-0.0287	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.825	0.0000	-0.0428	-0.0395	-0.0395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.850	0.0348	-0.0347	-0.0461	-0.0461	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.875	0.0000	-0.0224	-0.0458	-0.0458	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.900	0.0761	-0.0011	-0.0415	-0.0415	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.925	0.0000	0.0332	-0.0202	-0.0202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.950	0.1138	0.0604	0.0136	0.0136	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.975	0.0000	0.1053	0.0843	0.0843	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.000	0.2123	0.1853	0.1688	0.1612	0.0995	0.0994	0.0994	0.0994	0.0994	0.0994

Surface Pressures

● upper, starboard
○ lower, port



Small Radius L.E.

Run No. = 45, Point No. = 950

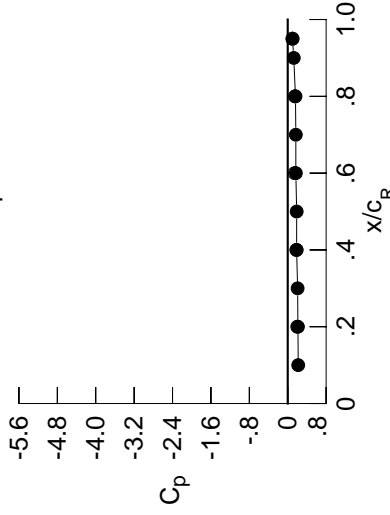
$C_N = -0.026$, $C_m = 0.0012$

$\alpha = -0.6^\circ$, $M_\infty = 0.601$

$R_{mac} = 60.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port

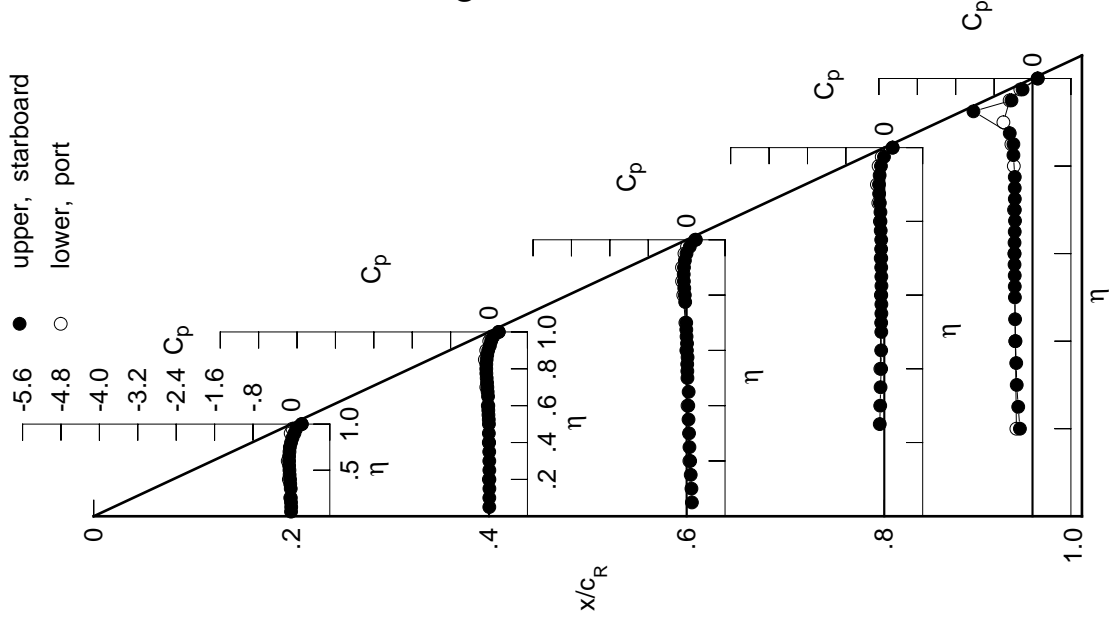


x/c_R	starb'd C_p	port C_p
0.10	0.2188	0.1987
0.20	0.2123	0.2059
0.30	0.2059	0.1853
0.40	0.1853	0.1809
0.50	0.1866	0.1688
0.60	0.1688	0.1426
0.70	0.1688	0.1688
0.80	0.1612	0.1504
0.90	0.1255	0.1255
0.95	0.0995	0.0994

Table E2. Continued.

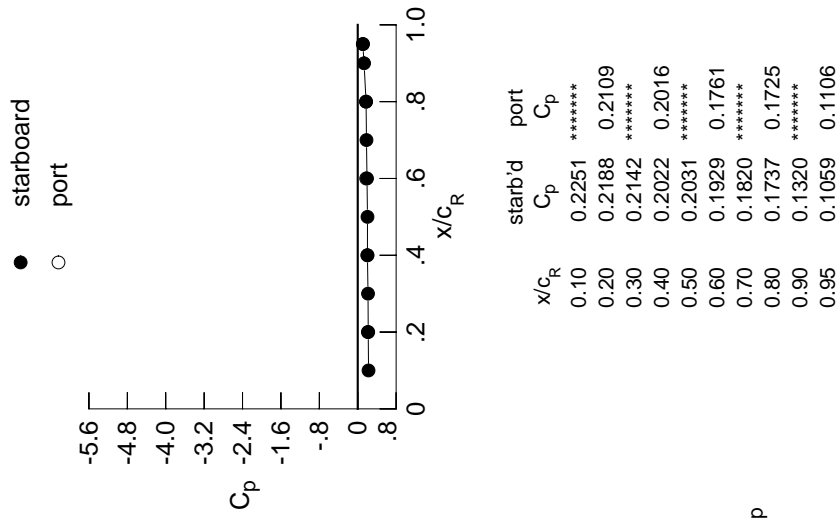
η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0072	0.0059	0.1095	*****	*****	*****	*****	*****	*****	
0.100	-0.0044	0.0056	0.1004	*****	*****	*****	*****	*****	*****	
0.150	-0.0080	0.0070	0.0850	*****	*****	*****	*****	*****	*****	
0.200	-0.0123	0.0082	0.0724	*****	*****	*****	*****	*****	-0.2625	
0.250	*****	0.0067	0.0585	-0.0940	-0.2976	*****	*****	*****	*****	
0.300	-0.0137	0.0056	0.0498	-0.0845	-0.3288	*****	*****	*****	*****	
0.350	-0.0239	0.0038	0.0394	-0.0775	-0.3392	*****	*****	*****	*****	
0.400	-0.0283	0.0014	0.0342	-0.0658	-0.3556	*****	*****	*****	*****	
0.450	-0.0371	-0.0041	0.0414	-0.0652	-0.3630	*****	*****	*****	*****	
0.500	-0.0407	-0.0023	0.0169	-0.0622	-0.3673	*****	*****	*****	*****	
0.525	*****	-0.0052	0.0146	-0.0647	-0.3698	*****	*****	*****	*****	
0.550	-0.0471	-0.0122	0.0117	-0.0608	-0.3702	*****	*****	*****	*****	
0.575	*****	-0.0154	0.0191	-0.0607	-0.3747	*****	*****	*****	*****	
0.600	-0.0482	-0.0155	0.0052	-0.0634	-0.3743	*****	*****	*****	*****	
0.625	*****	*****	0.0081	-0.0594	-0.3745	*****	*****	*****	*****	
0.650	-0.0477	-0.0204	-0.0016	-0.0618	-0.3702	*****	*****	*****	*****	
0.675	*****	-0.0292	-0.0075	-0.0642	-0.3645	*****	*****	*****	*****	
0.700	-0.0399	-0.0353	-0.0088	-0.0633	-0.3676	*****	*****	*****	*****	
0.725	*****	-0.0418	*****	-0.0653	-0.3688	*****	*****	*****	*****	
0.750	-0.0317	-0.0490	*****	-0.0644	-0.3703	*****	*****	*****	*****	
0.775	*****	-0.0556	-0.0301	-0.0745	-0.3694	*****	*****	*****	*****	
0.800	-0.0073	-0.0576	-0.0386	-0.0791	*****	*****	*****	*****	*****	
0.825	*****	-0.0565	-0.0499	-0.0803	-0.3975	*****	*****	*****	*****	
0.850	0.0221	-0.0495	-0.0576	-0.0925	-0.3980	*****	*****	*****	*****	
0.875	*****	-0.0377	-0.0610	-0.1069	-0.4744	*****	*****	*****	*****	
0.900	0.0633	-0.0173	-0.0561	-0.1108	*****	*****	*****	*****	*****	
0.925	*****	0.0166	-0.0365	-0.0969	-1.2300	*****	*****	*****	*****	
0.950	0.1007	0.0435	-0.0032	-0.0697	-0.4382	*****	*****	*****	*****	
0.975	*****	0.0877	0.0659	-0.0065	-0.2076	*****	*****	*****	*****	
1.000	0.2188	0.2022	0.1929	0.1737	0.1059	*****	*****	*****	*****	
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.200	-0.0239	-0.0031	0.0571	*****	*****	-0.3358	*****	*****	*****	
-0.400	-0.0525	-0.0046	0.0183	-0.0825	-0.3581	*****	*****	*****	*****	
-0.600	-0.0763	-0.0258	-0.0062	-0.0698	-0.3765	*****	*****	*****	*****	
-0.700	*****	-0.0571	-0.0264	-0.0744	-0.3857	*****	*****	*****	*****	
-0.800	*****	*****	-0.0703	-0.0911	-0.3898	*****	*****	*****	*****	
-0.850	*****	-0.0872	-0.0951	-0.1241	-0.4397	*****	*****	*****	*****	
-0.900	-0.0146	-0.0582	-0.0965	-0.1536	-0.6066	*****	*****	*****	*****	
-0.950	0.0224	0.0046	-0.0460	-0.1182	-0.4758	*****	*****	*****	*****	
-0.975	*****	0.0491	0.0080	-0.0534	-0.2537	*****	*****	*****	*****	
-1.000	0.2109	0.2016	0.1761	0.1725	0.1106	*****	*****	*****	*****	

Surface Pressures



Small Radius L.E.
 Run No. = 45, Point No. = 951
 $C_N = -0.013$, $C_m = -0.0006$
 $\alpha = -0.3^\circ$, $M_\infty = 0.601$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2251	*****
0.20	0.2188	0.2109
0.30	0.2142	*****
0.40	0.2022	0.2016
0.50	0.2031	*****
0.60	0.1929	0.1761
0.70	0.1820	*****
0.80	0.1737	0.1725
0.90	0.1320	*****
0.95	0.1059	0.1106

Table E2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0263	-0.0106	0.0986	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0241	-0.0105	0.0885	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0280	-0.0087	0.0738	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0329	-0.0075	0.0603	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0099	0.0465	-0.1013	-0.2946	*****	*****	*****	*****	*****
0.300	-0.0342	-0.0108	0.0376	-0.0929	-0.3224	*****	*****	*****	*****	*****
0.350	-0.0457	-0.0151	0.0264	-0.0854	-0.3328	*****	*****	*****	*****	*****
0.400	-0.0529	-0.0166	0.0203	-0.0750	-0.3492	*****	*****	*****	*****	*****
0.450	-0.0617	-0.0227	0.0266	-0.0752	-0.3557	*****	*****	*****	*****	*****
0.500	-0.0677	-0.0226	0.0020	-0.0728	-0.3611	*****	*****	*****	*****	*****
0.525	*****	-0.0253	-0.0007	-0.0738	-0.3628	*****	*****	*****	*****	*****
0.550	-0.0754	-0.0338	-0.0043	-0.0707	-0.3631	*****	*****	*****	*****	*****
0.575	*****	-0.0374	0.0019	-0.0720	-0.3672	*****	*****	*****	*****	*****
0.600	-0.0782	-0.0383	-0.0124	-0.0737	-0.3672	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0101	-0.0723	-0.3667	*****	*****	*****	*****	*****
0.650	-0.0803	-0.0458	-0.0197	-0.0743	-0.3624	*****	*****	*****	*****	*****
0.675	*****	-0.0556	-0.0272	-0.0777	-0.3555	*****	*****	*****	*****	*****
0.700	-0.0744	-0.0640	-0.0303	-0.0775	-0.3564	*****	*****	*****	*****	*****
0.725	*****	-0.0729	*****	-0.0815	-0.3549	*****	*****	*****	*****	*****
0.750	-0.0675	-0.0815	*****	-0.0812	-0.3511	*****	*****	*****	*****	*****
0.775	*****	-0.0917	-0.0572	-0.0929	-0.3447	*****	*****	*****	*****	*****
0.800	-0.0472	-0.0966	-0.0698	-0.1015	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0989	-0.0858	-0.1057	-0.3708	*****	*****	*****	*****	*****
0.850	-0.0201	-0.0951	-0.0973	-0.1220	-0.3780	*****	*****	*****	*****	*****
0.875	*****	-0.0859	-0.1062	-0.1409	-0.4615	*****	*****	*****	*****	*****
0.900	0.0191	-0.0690	-0.1077	-0.1533	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0388	-0.0922	-0.1473	-1.2899	*****	*****	*****	*****	*****
0.950	0.0542	-0.0138	-0.0654	-0.1265	-0.4771	*****	*****	*****	*****	*****
0.975	*****	0.0272	0.0011	-0.0715	-0.2555	*****	*****	*****	*****	*****
1.000	0.1968	0.1753	0.1765	0.1248	0.0822	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0046	0.0131	0.0690	*****	*****	*****	*****	*****	*****	*****
-0.400	-0.0297	0.0134	0.0308	-0.0734	-0.3659	*****	*****	*****	*****	*****
-0.600	-0.0465	-0.0029	0.0120	-0.0586	-0.3830	*****	*****	*****	*****	*****
-0.700	*****	-0.0287	-0.0059	-0.0592	-0.3936	*****	*****	*****	*****	*****
-0.800	*****	*****	-0.0401	-0.0691	-0.4005	*****	*****	*****	*****	*****
-0.850	*****	-0.0422	-0.0569	-0.0953	-0.4480	*****	*****	*****	*****	*****
-0.900	0.0265	-0.0080	-0.0475	-0.1107	-0.5962	*****	*****	*****	*****	*****
-0.950	0.0648	0.0356	0.0121	-0.0606	-0.4320	*****	*****	*****	*****	*****
-0.975	*****	0.1059	0.0699	0.0092	-0.2025	*****	*****	*****	*****	*****
-1.000	0.1959	0.1918	0.1816	0.1487	0.0768	*****	*****	*****	*****	*****

Small Radius L.E.

Run No. = 45 , Point No. = 952

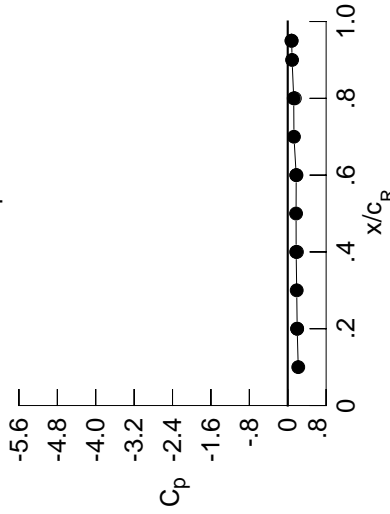
$C_N = 0.024$, $C_m = -0.0058$

$\alpha = 0.8^\circ$, $M_\infty = 0.600$

$R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2188	*****
0.20	0.1968	0.1959
0.30	0.1871	*****
0.40	0.1753	0.1918
0.50	0.1737	*****
0.60	0.1765	0.1816
0.70	0.1295	*****
0.80	0.1248	0.1487
0.90	0.0904	*****
0.95	0.0822	0.0768

Surface Pressures

● upper, starboard
○ lower, port

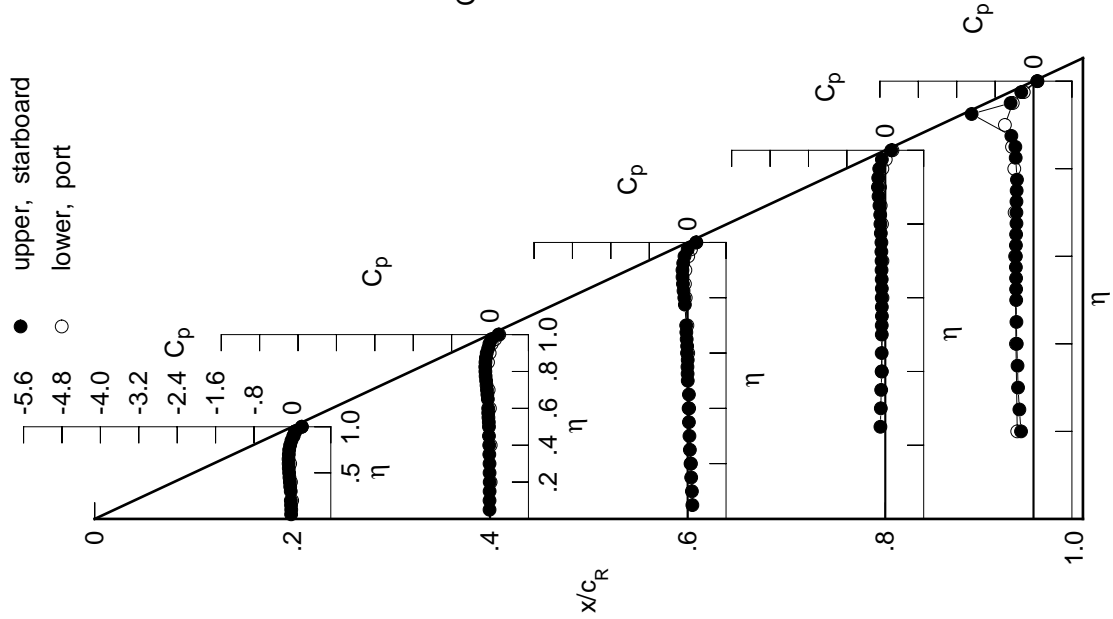


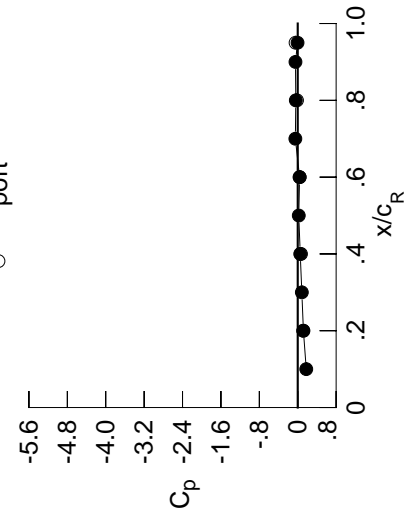
Table E2. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0449	-0.0249	0.0891	*****	*****
0.100	-0.0422	-0.0250	0.0784	*****	*****
0.150	-0.0472	-0.0239	0.0647	*****	*****
0.200	-0.0517	-0.0234	0.0501	*****	-0.2545
0.250	*****	-0.0250	0.0351	-0.1081	-0.2851
0.300	-0.0526	-0.0279	0.0252	-0.0988	-0.3151
0.350	-0.0664	-0.0301	0.0151	-0.0929	-0.3232
0.400	-0.0736	-0.0353	0.0085	-0.0810	-0.3404
0.450	-0.0858	-0.0399	0.0131	-0.0828	-0.3469
0.500	-0.0927	-0.0419	-0.0118	-0.0798	-0.3535
0.525	*****	-0.0438	-0.0148	-0.0834	-0.3534
0.550	-0.1032	-0.0556	-0.0192	-0.0791	-0.3535
0.575	*****	-0.0584	-0.0141	-0.0823	-0.3584
0.600	-0.1097	-0.0619	-0.0291	-0.0836	-0.3584
0.625	*****	*****	-0.0278	-0.0835	-0.3581
0.650	-0.1136	-0.0712	-0.0383	-0.0872	-0.3518
0.675	*****	-0.0815	-0.0481	-0.0909	-0.3456
0.700	-0.1116	-0.0921	-0.0506	-0.0925	-0.3454
0.725	*****	-0.1039	*****	-0.0959	-0.3428
0.750	-0.1059	-0.1159	*****	-0.0986	-0.3347
0.775	*****	-0.1293	-0.0847	-0.1124	-0.3268
0.800	-0.0887	-0.1370	-0.1006	-0.1233	*****
0.825	*****	-0.1439	-0.1218	-0.1308	-0.3517
0.850	-0.0652	-0.1436	-0.1393	-0.1527	-0.3626
0.875	*****	-0.1383	-0.1540	-0.1785	-0.4537
0.900	-0.0300	-0.1253	-0.1617	-0.1976	*****
0.925	*****	-0.1029	-0.1546	-0.2027	-1.3537
0.950	-0.0001	-0.0804	-0.1346	-0.1924	-0.5127
0.975	*****	-0.0477	-0.0782	-0.1497	-0.3046
1.000	0.1182	0.0521	0.0386	-0.0403	-0.0043
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0187	0.0297	0.0833	*****	-0.3396
-0.400	-0.0048	0.0321	0.0465	-0.0636	-0.3708
-0.600	-0.0149	0.0196	0.0305	-0.0451	-0.3889
-0.700	*****	0.0006	0.0174	-0.0428	-0.4001
-0.800	*****	*****	-0.0096	-0.0446	-0.4091
-0.850	*****	0.0015	-0.0179	-0.0648	-0.4529
-0.900	0.0665	0.0403	-0.0003	-0.0692	-0.5806
-0.950	0.1057	0.0670	0.0637	-0.0088	-0.3888
-0.975	*****	0.1512	0.1215	0.0623	-0.1531
-1.000	0.1142	0.0681	0.0420	-0.0154	-0.0446

Small Radius L.E.
 Run No. = 45 , Point No. = 953
 $C_N = 0.060$, $C_m = -0.0109$
 $\alpha = 1.9^\circ$, $M_\infty = 0.600$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	0.1776	*****
0.20	0.1182	0.1142
0.30	0.0856	*****
0.40	0.0521	0.0681
0.50	0.0216	*****
0.60	0.0386	0.0420
0.70	-0.0493	*****
0.80	-0.0403	-0.0154
0.90	-0.0470	*****
0.95	-0.0043	-0.0446

Surface Pressures

- upper, starboard
- lower, port

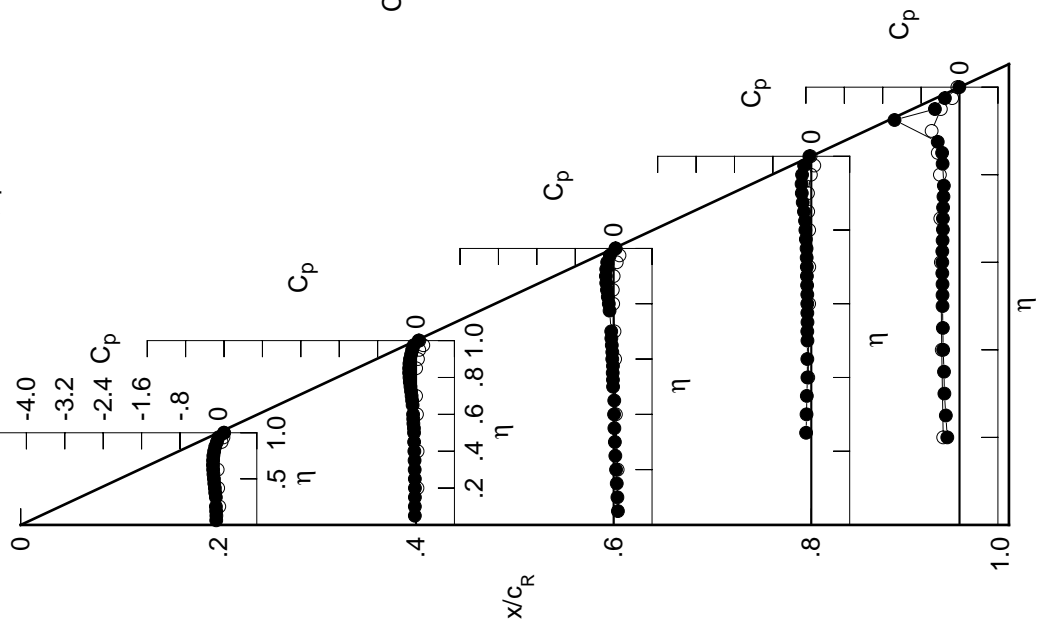


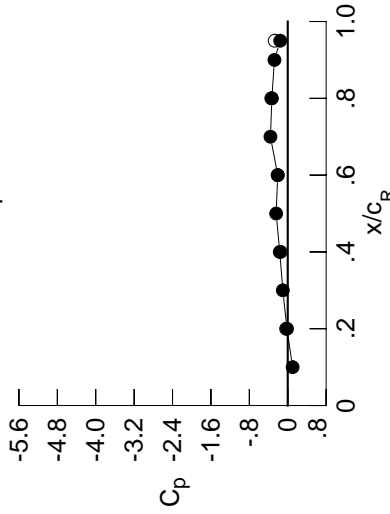
Table E2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0624	-0.0394	0.0783	0.0783	0.0783	0.0783	0.0783	0.0783	0.0783	0.0783
0.100	-0.0600	-0.0405	0.0677	0.0677	0.0677	0.0677	0.0677	0.0677	0.0677	0.0677
0.150	-0.0645	-0.0393	0.0527	0.0527	0.0527	0.0527	0.0527	0.0527	0.0527	0.0527
0.200	-0.0709	-0.0379	0.0392	0.0392	0.0392	0.0392	0.0392	0.0392	0.0392	0.0392
0.250	*****	-0.0413	0.0244	0.0244	0.0244	0.0244	0.0244	0.0244	0.0244	0.0244
0.300	-0.0719	-0.0422	0.0146	0.0146	0.0146	0.0146	0.0146	0.0146	0.0146	0.0146
0.350	-0.0866	-0.0488	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036
0.400	-0.0958	-0.0509	-0.0051	-0.0051	-0.0051	-0.0051	-0.0051	-0.0051	-0.0051	-0.0051
0.450	-0.1088	-0.0591	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
0.500	-0.1187	-0.0587	-0.0258	-0.0258	-0.0258	-0.0258	-0.0258	-0.0258	-0.0258	-0.0258
0.525	*****	-0.0652	-0.0283	-0.0283	-0.0283	-0.0283	-0.0283	-0.0283	-0.0283	-0.0283
0.550	-0.1313	-0.0736	-0.0348	-0.0348	-0.0348	-0.0348	-0.0348	-0.0348	-0.0348	-0.0348
0.575	*****	-0.0807	-0.0287	-0.0287	-0.0287	-0.0287	-0.0287	-0.0287	-0.0287	-0.0287
0.600	-0.1392	-0.0834	-0.0470	-0.0470	-0.0470	-0.0470	-0.0470	-0.0470	-0.0470	-0.0470
0.625	*****	*****	-0.0457	-0.0457	-0.0457	-0.0457	-0.0457	-0.0457	-0.0457	-0.0457
0.650	-0.1472	-0.0946	-0.0565	-0.0565	-0.0565	-0.0565	-0.0565	-0.0565	-0.0565	-0.0565
0.675	*****	-0.1088	-0.0663	-0.0663	-0.0663	-0.0663	-0.0663	-0.0663	-0.0663	-0.0663
0.700	-0.1476	-0.1220	-0.0718	-0.0718	-0.0718	-0.0718	-0.0718	-0.0718	-0.0718	-0.0718
0.725	*****	-0.1350	*****	-0.1123	-0.1123	-0.1123	-0.1123	-0.1123	-0.1123	-0.1123
0.750	-0.1466	-0.1512	*****	-0.1170	-0.1170	-0.1170	-0.1170	-0.1170	-0.1170	-0.1170
0.775	*****	-0.1678	-0.1133	-0.1314	-0.1314	-0.1314	-0.1314	-0.1314	-0.1314	-0.1314
0.800	-0.1317	-0.1793	-0.1329	-0.1469	-0.1469	-0.1469	-0.1469	-0.1469	-0.1469	-0.1469
0.825	*****	-0.1884	-0.1565	-0.1537	-0.1537	-0.1537	-0.1537	-0.1537	-0.1537	-0.1537
0.850	-0.1125	-0.1941	-0.1813	-0.1829	-0.1829	-0.1829	-0.1829	-0.1829	-0.1829	-0.1829
0.875	*****	-0.1938	-0.2021	-0.2174	-0.2174	-0.2174	-0.2174	-0.2174	-0.2174	-0.2174
0.900	-0.0821	-0.1854	-0.2186	-0.2460	-0.2460	-0.2460	-0.2460	-0.2460	-0.2460	-0.2460
0.925	*****	-0.1680	-0.2188	-0.2612	-0.2612	-0.2612	-0.2612	-0.2612	-0.2612	-0.2612
0.950	-0.0607	-0.1521	-0.2103	-0.2625	-0.2625	-0.2625	-0.2625	-0.2625	-0.2625	-0.2625
0.975	*****	-0.1306	-0.1676	-0.2392	-0.2392	-0.2392	-0.2392	-0.2392	-0.2392	-0.2392
1.000	-0.0160	-0.1660	-0.2088	-0.3306	-0.3306	-0.3306	-0.3306	-0.3306	-0.3306	-0.3306
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0371	0.0479	0.0962	0.0962	0.0962	0.0962	0.0962	0.0962	0.0962	0.0962
-0.400	0.0183	0.0500	0.0605	0.0605	0.0605	0.0605	0.0605	0.0605	0.0605	0.0605
-0.600	0.0143	0.0420	0.0484	0.0484	0.0484	0.0484	0.0484	0.0484	0.0484	0.0484
-0.700	*****	0.0280	0.0360	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268
-0.800	*****	*****	0.0182	0.0241	0.0241	0.0241	0.0241	0.0241	0.0241	0.0241
-0.850	*****	0.0396	0.0136	0.0382	0.0382	0.0382	0.0382	0.0382	0.0382	0.0382
-0.900	0.1012	0.0796	0.0399	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324
-0.950	0.1383	0.0909	0.1048	0.0351	0.0351	0.0351	0.0351	0.0351	0.0351	0.0351
-0.975	*****	0.1805	0.1576	0.1019	0.1019	0.1019	0.1019	0.1019	0.1019	0.1019
-1.000	-0.0333	-0.1482	-0.2091	-0.3425	-0.3425	-0.3425	-0.3425	-0.3425	-0.3425	-0.3425

Small Radius L.E.
 Run No. = 45 , Point No. = 954
 $C_N = 0.093$, $C_m = -0.0121$
 $\alpha = 2.9^\circ$, $M_\infty = 0.601$
 $R_{mac} = 60.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1016	*****
0.20	-0.0160	-0.0333
0.30	-0.1023	*****
0.40	-0.1660	-0.1482
0.50	-0.2409	*****
0.60	-0.2088	-0.2091
0.70	-0.3597	*****
0.80	-0.3306	-0.3425
0.90	-0.2771	*****
0.95	-0.1571	-0.2715

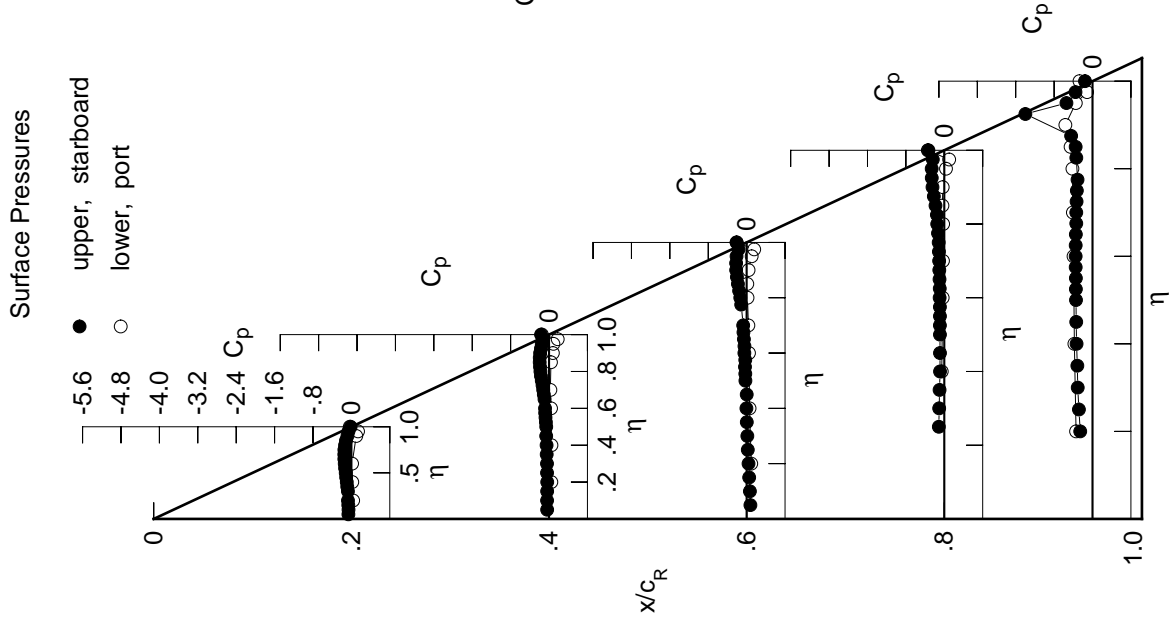


Table E2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0811	-0.0526	0.0692	0.0692	0.0692	0.0692	0.0692	0.0692	0.0692	0.0692
0.100	-0.0786	-0.0547	0.0590	0.0590	0.0590	0.0590	0.0590	0.0590	0.0590	0.0590
0.150	-0.0833	-0.0525	0.0436	0.0436	0.0436	0.0436	0.0436	0.0436	0.0436	0.0436
0.200	-0.0894	-0.0534	0.0294	0.0294	0.0294	0.0294	0.0294	0.0294	0.0294	0.0294
0.250	*****	-0.0564	0.0138	0.0138	0.0138	0.0138	0.0138	0.0138	0.0138	0.0138
0.300	-0.0908	-0.0587	0.0035	-0.1127	-0.3007	-0.3007	-0.3007	-0.3007	-0.3007	-0.3007
0.350	-0.1069	-0.0637	-0.0087	-0.1059	-0.3074	-0.3074	-0.3074	-0.3074	-0.3074	-0.3074
0.400	-0.1173	-0.0682	-0.0172	-0.0960	-0.3230	-0.3230	-0.3230	-0.3230	-0.3230	-0.3230
0.450	-0.1335	-0.0754	-0.0121	-0.0973	-0.3302	-0.3302	-0.3302	-0.3302	-0.3302	-0.3302
0.500	-0.1444	-0.0790	-0.0402	-0.0978	-0.3351	-0.3351	-0.3351	-0.3351	-0.3351	-0.3351
0.525	*****	-0.0831	-0.0435	-0.1006	-0.3374	-0.3374	-0.3374	-0.3374	-0.3374	-0.3374
0.550	-0.1595	-0.0951	-0.0493	-0.0988	-0.3369	-0.3369	-0.3369	-0.3369	-0.3369	-0.3369
0.575	*****	-0.1014	-0.0461	-0.1013	-0.3418	-0.3418	-0.3418	-0.3418	-0.3418	-0.3418
0.600	-0.1709	-0.1056	-0.0631	-0.1061	-0.3412	-0.3412	-0.3412	-0.3412	-0.3412	-0.3412
0.625	*****	*****	-0.0630	-0.1071	-0.3416	-0.3416	-0.3416	-0.3416	-0.3416	-0.3416
0.650	-0.1813	-0.1209	-0.0756	-0.1105	-0.3366	-0.3366	-0.3366	-0.3366	-0.3366	-0.3366
0.675	*****	-0.1367	-0.0872	-0.1177	-0.3308	-0.3308	-0.3308	-0.3308	-0.3308	-0.3308
0.700	-0.1849	-0.1508	-0.0942	-0.1207	-0.3290	-0.3290	-0.3290	-0.3290	-0.3290	-0.3290
0.725	*****	-0.1689	*****	-0.1273	-0.3230	-0.3230	-0.3230	-0.3230	-0.3230	-0.3230
0.750	-0.1882	-0.1859	*****	-0.1338	-0.3136	-0.3136	-0.3136	-0.3136	-0.3136	-0.3136
0.775	*****	-0.2064	-0.1428	-0.1515	-0.2995	-0.2995	-0.2995	-0.2995	-0.2995	-0.2995
0.800	-0.1777	-0.2221	-0.1658	-0.1702	*****	*****	*****	*****	*****	*****
0.825	*****	-0.2371	-0.1959	-0.1807	-0.3194	-0.3194	-0.3194	-0.3194	-0.3194	-0.3194
0.850	-0.1635	-0.2471	-0.2258	-0.2154	-0.3385	-0.3385	-0.3385	-0.3385	-0.3385	-0.3385
0.875	*****	-0.2513	-0.2549	-0.2564	-0.4363	-0.4363	-0.4363	-0.4363	-0.4363	-0.4363
0.900	-0.1389	-0.2490	-0.2798	-0.2952	*****	*****	*****	*****	*****	*****
0.925	*****	-0.2410	-0.2891	-0.3229	-1.4335	-1.4335	-1.4335	-1.4335	-1.4335	-1.4335
0.950	-0.1296	-0.2360	-0.2942	-0.3390	-0.5754	-0.5754	-0.5754	-0.5754	-0.5754	-0.5754
0.975	*****	-0.2300	-0.2724	-0.3353	-0.4115	-0.4115	-0.4115	-0.4115	-0.4115	-0.4115
1.000	-0.2076	-0.4824	-0.5751	-0.7465	-0.3870	-0.3870	-0.3870	-0.3870	-0.3870	-0.3870
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0596	0.0648	0.1093	0.1093	0.1093	0.1093	0.1093	0.1093	0.1093	0.1093
-0.600	0.0415	0.0688	0.0754	0.0431	-0.3821	-0.3821	-0.3821	-0.3821	-0.3821	-0.3821
-0.700	0.0427	0.0638	0.0654	0.0214	-0.4017	-0.4017	-0.4017	-0.4017	-0.4017	-0.4017
-0.800	*****	0.0539	0.0574	-0.0128	-0.4167	-0.4167	-0.4167	-0.4167	-0.4167	-0.4167
-0.850	*****	0.0748	0.0450	-0.0035	-0.4253	-0.4253	-0.4253	-0.4253	-0.4253	-0.4253
-0.900	0.1322	0.1152	0.0761	0.0124	-0.4626	-0.4626	-0.4626	-0.4626	-0.4626	-0.4626
-0.950	0.1677	0.1120	0.1388	0.0007	-0.5548	-0.5548	-0.5548	-0.5548	-0.5548	-0.5548
-0.975	*****	0.1977	0.1816	0.1315	-0.3148	-0.3148	-0.3148	-0.3148	-0.3148	-0.3148
-1.000	-0.2473	-0.4797	-0.5875	-0.8205	-0.5843	-0.5843	-0.5843	-0.5843	-0.5843	-0.5843

Small Radius L.E.
 Run No. = 45 , Point No. = 955
 $C_N = 0.131$, $C_m = -0.0185$
 $\alpha = 4.0^\circ$, $M_\infty = 0.600$
 $R_{mac} = 60.0 \times 10^6$

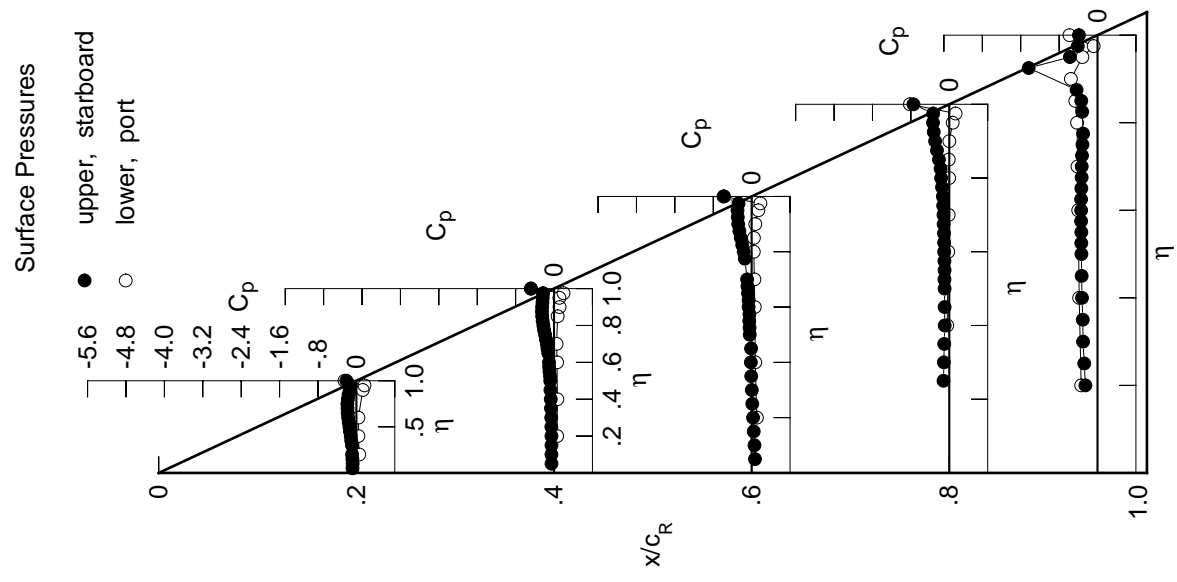
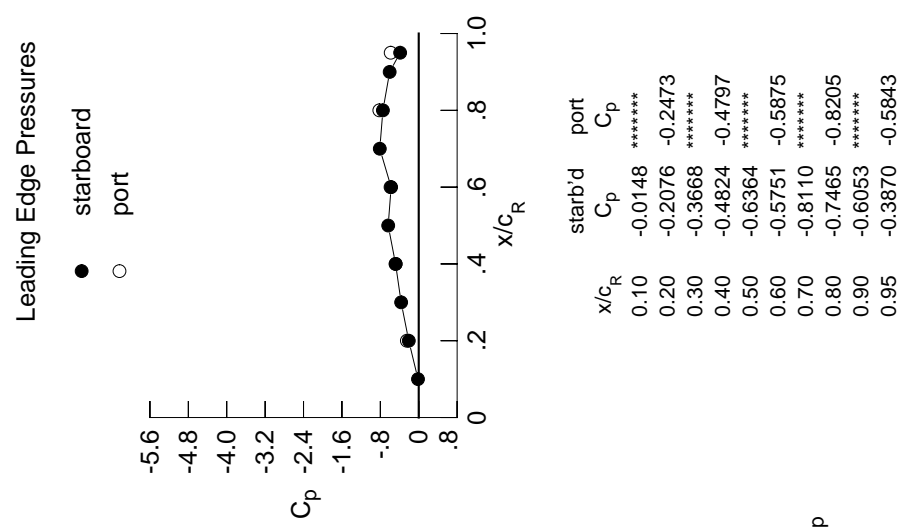
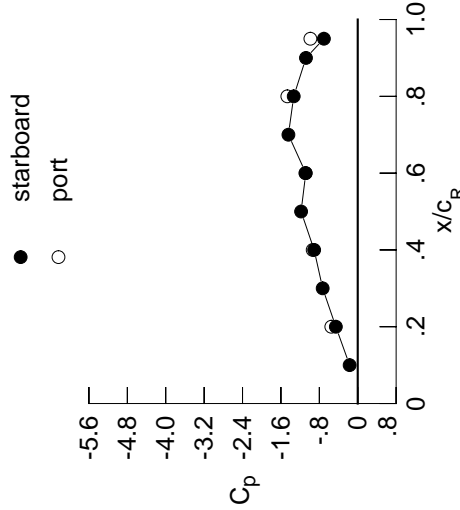


Table E2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0976	-0.0672	0.0581	0.0581	0.0581	0.0581	0.0581	0.0581	0.0581	0.0581
0.100	-0.0953	-0.0708	0.0491	0.0491	0.0491	0.0491	0.0491	0.0491	0.0491	0.0491
0.150	-0.1021	-0.0667	0.0317	0.0317	0.0317	0.0317	0.0317	0.0317	0.0317	0.0317
0.200	-0.1090	-0.0689	0.0190	0.0190	0.0190	0.0190	0.0190	0.0190	0.0190	0.0190
0.250	*****	-0.0709	0.0028	0.0028	-0.1275	-0.1275	-0.2724	-0.2724	-0.2724	-0.2724
0.300	-0.1101	-0.0756	-0.0070	-0.1186	-0.2958	-0.2958	-0.2958	-0.2958	-0.2958	-0.2958
0.350	-0.1278	-0.0808	-0.0213	-0.1131	-0.3023	-0.3023	-0.3023	-0.3023	-0.3023	-0.3023
0.400	-0.1402	-0.0876	-0.0296	-0.1029	-0.3164	-0.3164	-0.3164	-0.3164	-0.3164	-0.3164
0.450	-0.1574	-0.0943	-0.0265	-0.1060	-0.3225	-0.3225	-0.3225	-0.3225	-0.3225	-0.3225
0.500	-0.1711	-0.0998	-0.0543	-0.1057	-0.3279	-0.3279	-0.3279	-0.3279	-0.3279	-0.3279
0.525	*****	-0.1040	-0.0595	-0.1106	-0.3316	-0.3316	-0.3316	-0.3316	-0.3316	-0.3316
0.550	-0.1884	-0.1176	-0.0656	-0.1079	-0.3306	-0.3306	-0.3306	-0.3306	-0.3306	-0.3306
0.575	*****	-0.1251	-0.0630	-0.1127	-0.3348	-0.3348	-0.3348	-0.3348	-0.3348	-0.3348
0.600	-0.2024	-0.1299	-0.0810	-0.1175	-0.3350	-0.3350	-0.3350	-0.3350	-0.3350	-0.3350
0.625	*****	*****	-0.0816	-0.1183	-0.3353	-0.3353	-0.3353	-0.3353	-0.3353	-0.3353
0.650	-0.2173	-0.1480	-0.0959	-0.1237	-0.3297	-0.3297	-0.3297	-0.3297	-0.3297	-0.3297
0.675	*****	-0.1658	-0.1084	-0.1326	-0.3247	-0.3247	-0.3247	-0.3247	-0.3247	-0.3247
0.700	-0.2244	-0.1814	-0.1179	-0.1357	-0.3223	-0.3223	-0.3223	-0.3223	-0.3223	-0.3223
0.725	*****	-0.2034	*****	-0.1463	-0.3177	-0.3177	-0.3177	-0.3177	-0.3177	-0.3177
0.750	-0.2328	-0.2226	*****	-0.1530	-0.3074	-0.3074	-0.3074	-0.3074	-0.3074	-0.3074
0.775	*****	-0.2474	-0.1734	-0.1755	-0.2922	-0.2922	-0.2922	-0.2922	-0.2922	-0.2922
0.800	-0.2267	-0.2683	-0.2013	-0.1952	*****	*****	*****	*****	*****	*****
0.825	*****	-0.2887	-0.2367	-0.2099	-0.3054	-0.3054	-0.3054	-0.3054	-0.3054	-0.3054
0.850	-0.2174	-0.3038	-0.2729	-0.2495	-0.3231	-0.3231	-0.3231	-0.3231	-0.3231	-0.3231
0.875	*****	-0.3147	-0.3102	-0.2988	-0.4225	-0.4225	-0.4225	-0.4225	-0.4225	-0.4225
0.900	-0.2009	-0.3172	-0.3461	-0.3485	*****	*****	*****	*****	*****	*****
0.925	*****	-0.3203	-0.3671	-0.3906	-1.4544	-1.4544	-1.4544	-1.4544	-1.4544	-1.4544
0.950	-0.2066	-0.3268	-0.3856	-0.4232	-0.6116	-0.6116	-0.6116	-0.6116	-0.6116	-0.6116
0.975	*****	-0.3436	-0.3932	-0.4479	-0.4766	-0.4766	-0.4766	-0.4766	-0.4766	-0.4766
1.000	-0.4562	-0.9081	-1.0820	-1.3335	-0.7049	-0.7049	-0.7049	-0.7049	-0.7049	-0.7049
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0799	0.0817	0.1222	*****	-0.3428	-0.3428	-0.3428	-0.3428	-0.3428	-0.3428
-0.400	0.0645	0.0871	0.0902	-0.0344	-0.3884	-0.3884	-0.3884	-0.3884	-0.3884	-0.3884
-0.600	0.0694	0.0852	0.0814	-0.0093	-0.4098	-0.4098	-0.4098	-0.4098	-0.4098	-0.4098
-0.700	*****	0.0790	0.0768	-0.0001	-0.4254	-0.4254	-0.4254	-0.4254	-0.4254	-0.4254
-0.800	*****	*****	0.0699	0.0161	-0.4365	-0.4365	-0.4365	-0.4365	-0.4365	-0.4365
-0.850	*****	0.1064	0.0768	0.0105	-0.4713	-0.4713	-0.4713	-0.4713	-0.4713	-0.4713
-0.900	0.1601	0.1462	0.1081	0.0299	-0.5491	-0.5491	-0.5491	-0.5491	-0.5491	-0.5491
-0.950	0.1922	0.1248	0.1647	0.1004	-0.2873	-0.2873	-0.2873	-0.2873	-0.2873	-0.2873
-0.975	*****	0.2022	0.1931	0.1493	-0.0570	-0.0570	-0.0570	-0.0570	-0.0570	-0.0570
-1.000	-0.5506	-0.9385	-1.0904	-1.4661	-0.9865	-0.9865	-0.9865	-0.9865	-0.9865	-0.9865

Small Radius L.E.
 Run No. = 45 , Point No. = 956
 $C_N = 0.166$, $C_m = -0.0222$
 $\alpha = 5.0^\circ$, $M_\infty = 0.601$
 $R_{mac} = 60.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.1686	*****
0.20	-0.4562	-0.5506
0.30	-0.7303	*****
0.40	-0.9081	-0.9385
0.50	-1.1802	*****
0.60	-1.0820	-1.0904
0.70	-1.4442	*****
0.80	-1.3335	-1.4661
0.90	-1.0780	*****
0.95	-0.7049	-0.9865

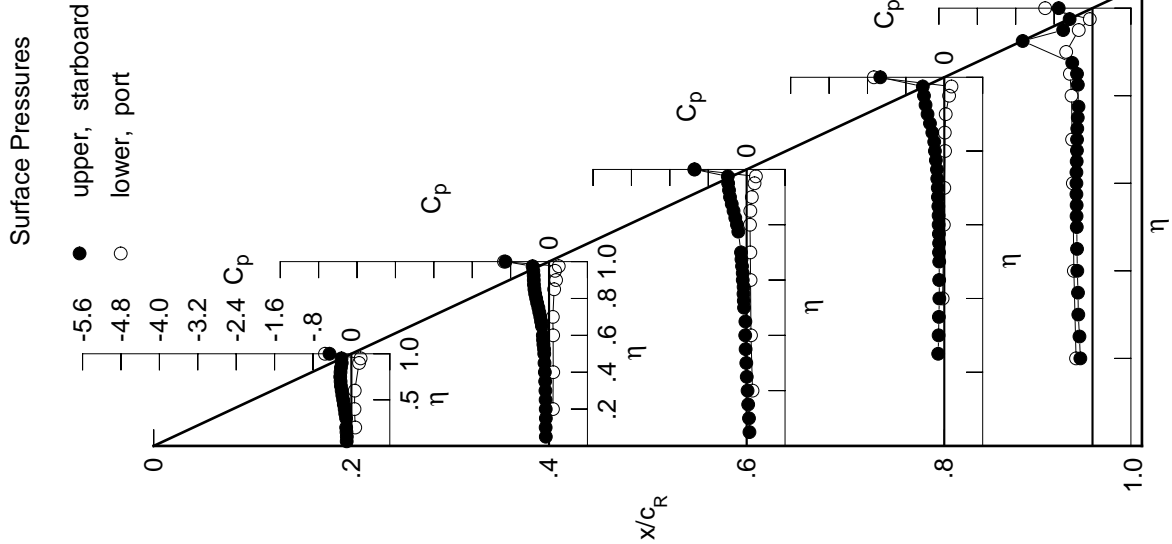


Table E2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1146	-0.0793	0.0501	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1132	-0.0835	0.0400	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1199	-0.0817	0.0232	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1271	-0.0833	0.0094	*****	*****	*****	*****	*****	*****	-0.2567
0.250	*****	-0.0863	-0.0073	-0.1326	-0.2702	*****	*****	*****	*****	-0.2702
0.300	-0.1292	-0.0894	-0.0181	-0.1256	-0.2883	*****	*****	*****	*****	-0.2883
0.350	-0.1484	-0.0967	-0.0319	-0.1189	-0.2943	*****	*****	*****	*****	-0.2943
0.400	-0.1617	-0.1031	-0.0421	-0.1107	-0.3082	*****	*****	*****	*****	-0.3082
0.450	-0.1806	-0.1131	-0.0389	-0.1136	-0.3162	*****	*****	*****	*****	-0.3162
0.500	-0.1974	-0.1177	-0.0687	-0.1146	-0.3235	*****	*****	*****	*****	-0.3235
0.525	*****	-0.1244	-0.0740	-0.1197	-0.3281	*****	*****	*****	*****	-0.3281
0.550	-0.2177	-0.1374	-0.0807	-0.1177	-0.3279	*****	*****	*****	*****	-0.3279
0.575	*****	-0.1472	-0.0789	-0.1235	-0.3337	*****	*****	*****	*****	-0.3337
0.600	-0.2348	-0.1534	-0.0993	-0.1274	-0.3350	*****	*****	*****	*****	-0.3350
0.625	*****	*****	-0.1015	-0.1302	-0.3365	*****	*****	*****	*****	-0.3365
0.650	-0.2524	-0.1748	-0.1161	-0.1381	-0.3345	*****	*****	*****	*****	-0.3345
0.675	*****	-0.1942	-0.1304	-0.1464	-0.3284	*****	*****	*****	*****	-0.3284
0.700	-0.2644	-0.2139	-0.1408	-0.1527	-0.3282	*****	*****	*****	*****	-0.3282
0.725	*****	-0.2369	*****	-0.1641	-0.3241	*****	*****	*****	*****	-0.3241
0.750	-0.2772	-0.2613	*****	-0.1762	-0.3135	*****	*****	*****	*****	-0.3135
0.775	*****	-0.2898	-0.2045	-0.2017	-0.2950	*****	*****	*****	*****	-0.2950
0.800	-0.2784	-0.3157	-0.2374	-0.2251	*****	*****	*****	*****	*****	-0.2251
0.825	*****	-0.3399	-0.2784	-0.2455	-0.2732	*****	*****	*****	*****	-0.2732
0.850	-0.2751	-0.3633	-0.3219	-0.2845	-0.2767	*****	*****	*****	*****	-0.2767
0.875	*****	-0.3808	-0.3667	-0.3382	-0.3702	*****	*****	*****	*****	-0.3702
0.900	-0.2694	-0.3927	-0.4133	-0.3974	*****	*****	*****	*****	*****	-0.3974
0.925	*****	-0.4045	-0.4481	-0.4546	-1.4269	*****	*****	*****	*****	-1.4269
0.950	-0.2929	-0.4258	-0.4869	-0.5080	-0.6494	*****	*****	*****	*****	-0.6494
0.975	*****	-0.4687	-0.5265	-0.5672	-0.5472	*****	*****	*****	*****	-0.5472
1.000	-0.7882	-1.4819	-1.7017	-2.1278	-1.1255	*****	*****	*****	*****	-1.1255
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1026	0.1004	0.1366	*****	-0.3420	*****	*****	*****	*****	-0.3420
-0.600	0.0891	0.1073	0.1056	-0.0219	-0.3925	*****	*****	*****	*****	-0.3925
-0.700	0.0978	0.1083	0.1001	0.0039	-0.4070	*****	*****	*****	*****	-0.4070
-0.800	*****	0.1059	0.0981	0.0159	-0.4211	*****	*****	*****	*****	-0.4211
-0.850	*****	*****	0.0956	0.0345	-0.4285	*****	*****	*****	*****	-0.4285
-0.900	0.1863	0.1743	0.1384	0.1065	0.0343	-0.4606	*****	*****	*****	-0.4606
-0.950	0.2134	0.1342	0.1869	0.1235	-0.2554	*****	*****	*****	*****	-0.2554
-0.975	*****	0.1962	0.1965	0.1573	-0.0367	*****	*****	*****	*****	-0.0367
-1.000	-0.9405	-1.5575	-1.5687	-1.2908	-1.4742	*****	*****	*****	*****	-1.4742

Small Radius L.E.
 Run No. = 45 , Point No. = 957
 $C_N = 0.205$, $C_m = -0.0290$
 $\alpha = 6.0^\circ$, $M_\infty = 0.600$
 $R_{mac} = 60.0 \times 10^6$

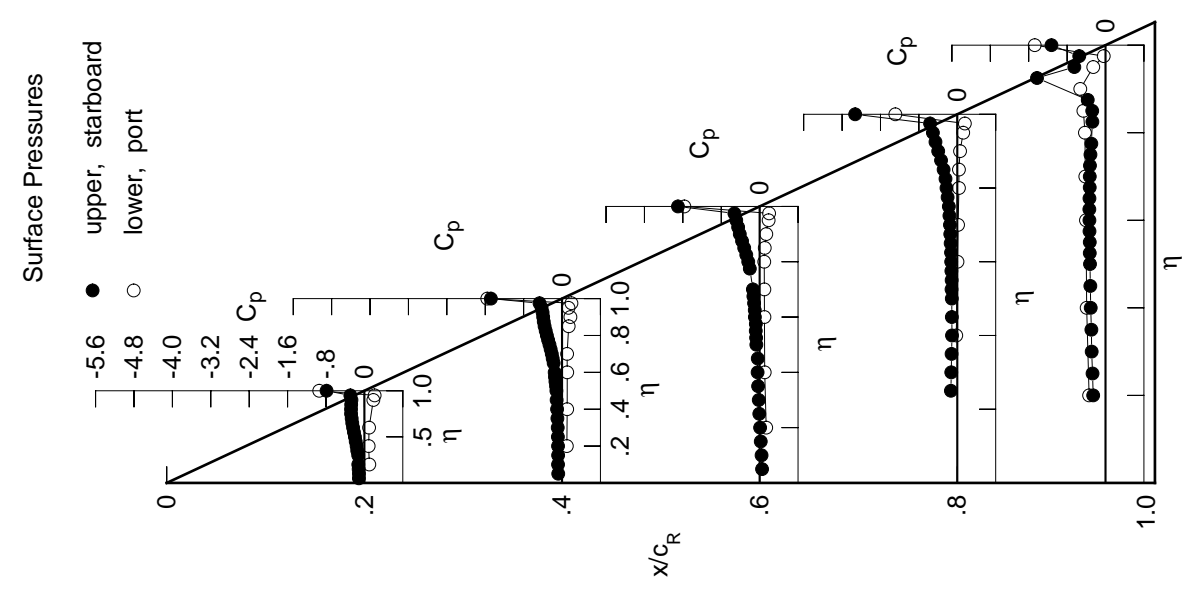
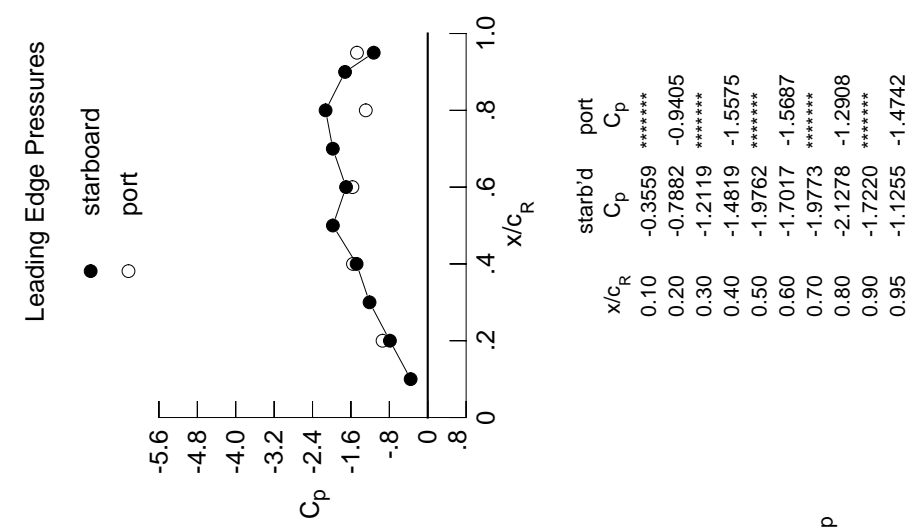


Table E2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1307	-0.0938	0.0399	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1309	-0.0964	0.0275	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1389	-0.0980	0.0129	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1455	-0.0980	-0.0030	*****	*****	*****	*****	*****	*****	-0.2624
0.250	*****	-0.1021	-0.0195	-0.1411	-0.2696	*****	*****	*****	*****	*****
0.300	-0.1486	-0.1062	-0.0309	-0.1346	-0.2885	*****	*****	*****	*****	*****
0.350	-0.1686	-0.1134	-0.0457	-0.1278	-0.2939	*****	*****	*****	*****	*****
0.400	-0.1842	-0.1216	-0.0561	-0.1186	-0.3203	*****	*****	*****	*****	*****
0.450	-0.2048	-0.1313	-0.0539	-0.1227	-0.3373	*****	*****	*****	*****	*****
0.500	-0.2235	-0.1393	-0.0844	-0.1228	-0.3521	*****	*****	*****	*****	*****
0.525	*****	-0.1445	-0.0916	-0.1302	-0.3537	*****	*****	*****	*****	*****
0.550	-0.2464	-0.1622	-0.0992	-0.1309	-0.3533	*****	*****	*****	*****	*****
0.575	*****	-0.1706	-0.0998	-0.1402	-0.3555	*****	*****	*****	*****	*****
0.600	-0.2667	-0.1806	-0.1224	-0.1482	-0.3515	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1289	-0.1573	-0.3447	*****	*****	*****	*****	*****
0.650	-0.2891	-0.2040	-0.1466	-0.1706	-0.3362	*****	*****	*****	*****	*****
0.675	*****	-0.2257	-0.1667	-0.1842	-0.3282	*****	*****	*****	*****	*****
0.700	-0.3057	-0.2468	-0.1792	-0.1958	-0.3195	*****	*****	*****	*****	*****
0.725	*****	-0.2731	*****	-0.2084	-0.3044	*****	*****	*****	*****	*****
0.750	-0.3230	-0.3005	*****	-0.2201	-0.2992	*****	*****	*****	*****	*****
0.775	*****	-0.3327	-0.2442	-0.2428	-0.3060	*****	*****	*****	*****	*****
0.800	-0.3288	-0.3628	-0.2781	-0.2643	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3950	-0.3159	-0.2752	-0.3391	*****	*****	*****	*****	*****
0.850	-0.3352	-0.4230	-0.3491	-0.3098	-0.3465	*****	*****	*****	*****	*****
0.875	*****	-0.4484	-0.4167	-0.3534	-0.4057	*****	*****	*****	*****	*****
0.900	-0.3411	-0.4667	-0.4611	-0.4121	*****	*****	*****	*****	*****	*****
0.925	*****	-0.4921	-0.5124	-0.4874	-1.1499	*****	*****	*****	*****	*****
0.950	-0.3848	-0.5290	-0.5632	-0.5510	-0.6617	*****	*****	*****	*****	*****
0.975	*****	-0.6033	-0.6913	-0.7085	-0.6051	*****	*****	*****	*****	*****
1.000	-1.1940	-2.0840	-1.8298	-1.7288	-1.6327	*****	*****	*****	*****	*****
η	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1245	0.1191	0.1507	*****	-0.3435	*****	*****	*****	*****	*****
-0.400	0.1131	0.1277	0.1221	-0.0099	-0.3922	*****	*****	*****	*****	*****
-0.600	0.1256	0.1294	0.1175	0.0175	-0.4182	*****	*****	*****	*****	*****
-0.700	*****	0.1303	0.1186	0.0308	-0.4351	*****	*****	*****	*****	*****
-0.800	*****	*****	0.1195	0.0538	-0.4207	*****	*****	*****	*****	*****
-0.850	*****	0.1658	0.1318	0.0636	-0.4401	*****	*****	*****	*****	*****
-0.900	0.2101	0.1977	0.1637	0.0798	-0.4899	*****	*****	*****	*****	*****
-0.950	0.2305	0.1399	0.2007	0.1393	-0.2234	*****	*****	*****	*****	*****
-0.975	*****	0.1811	0.1898	0.1570	-0.0204	*****	*****	*****	*****	*****
-1.000	-1.4266	-2.3301	-1.4231	-1.2715	-1.0003	*****	*****	*****	*****	*****

Small Radius L.E.

Run No. = 45 , Point No. = 958

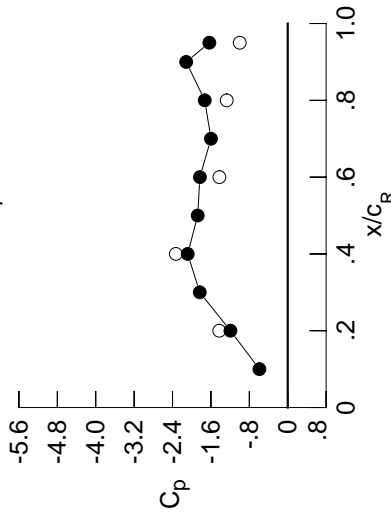
$C_N = 0.246$, $C_m = -0.0352$

$\alpha = 7.1^\circ$, $M_\infty = 0.600$

$R_{mac} = 60.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.5903	*****
0.20	-1.1940	-1.4266
0.30	-1.8326	*****
0.40	-2.0840	-2.3301
0.50	-1.8756	*****
0.60	-1.8298	-1.4231
0.70	-1.5990	*****
0.80	-1.7288	-1.2715
0.90	-2.1151	*****
0.95	-1.6327	-1.0003

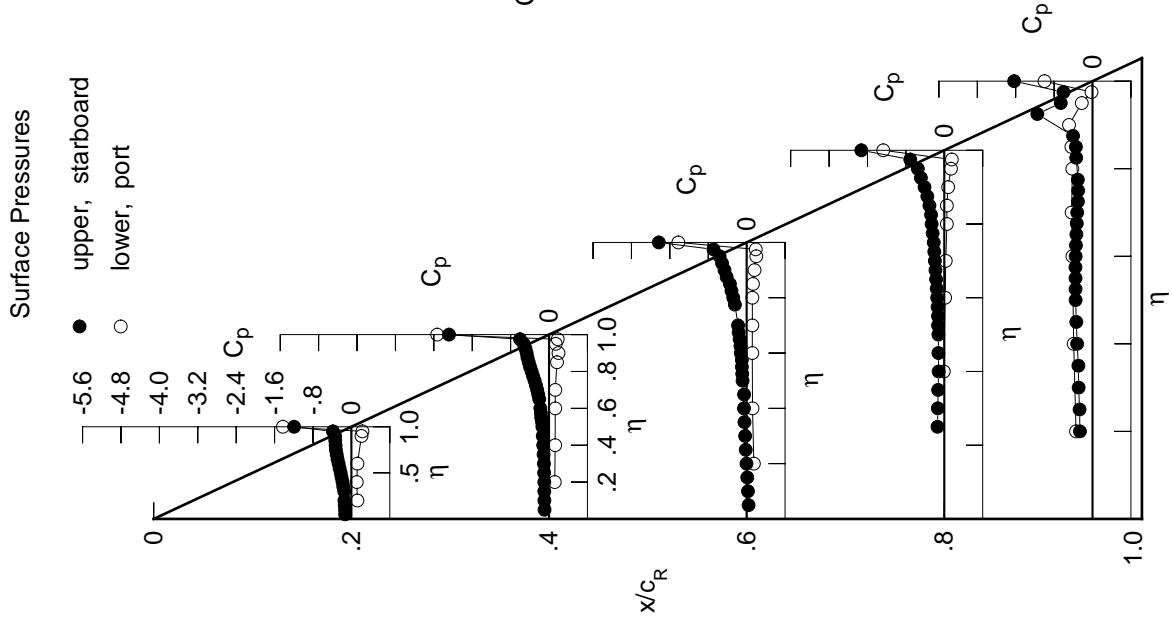
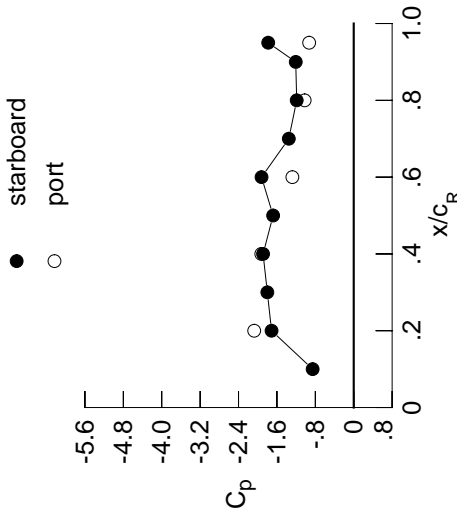


Table E2. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1455	-0.1098	0.0287	*****	*****	*****	*****	*****	*****	
0.100	-0.1472	-0.1119	0.0137	*****	*****	*****	*****	*****	*****	
0.150	-0.1563	-0.1143	0.0016	*****	*****	*****	*****	*****	*****	
0.200	-0.1633	-0.1142	-0.0162	*****	*****	*****	*****	*****	-0.2799	
0.250	*****	-0.1196	-0.0316	-0.1499	-0.2770	*****	*****	*****	*****	
0.300	-0.1677	-0.1256	-0.0452	-0.1435	-0.2958	*****	*****	*****	*****	
0.350	-0.1893	-0.1327	-0.0600	-0.1347	-0.3193	*****	*****	*****	*****	
0.400	-0.2059	-0.1419	-0.0668	-0.1261	-0.3486	*****	*****	*****	*****	
0.450	-0.2291	-0.1539	-0.0688	-0.1330	-0.3536	*****	*****	*****	*****	
0.500	-0.2494	-0.1636	-0.1080	-0.1453	-0.3529	*****	*****	*****	*****	
0.525	*****	-0.1697	-0.1211	-0.1532	-0.3486	*****	*****	*****	*****	
0.550	-0.2753	-0.1877	-0.1305	-0.1571	-0.3442	*****	*****	*****	*****	
0.575	*****	-0.2002	-0.1375	-0.1699	-0.3395	*****	*****	*****	*****	
0.600	-0.2994	-0.2133	-0.1627	-0.1827	-0.3379	*****	*****	*****	*****	
0.625	*****	*****	-0.1717	-0.1950	-0.3244	*****	*****	*****	*****	
0.650	-0.3253	-0.2424	-0.1944	-0.2063	-0.3042	*****	*****	*****	*****	
0.675	*****	-0.2633	-0.2069	-0.2198	-0.2911	*****	*****	*****	*****	
0.700	-0.3471	-0.2866	-0.2053	-0.2418	-0.2931	*****	*****	*****	*****	
0.725	*****	-0.3142	*****	-0.2572	-0.2943	*****	*****	*****	*****	
0.750	-0.3698	-0.3387	*****	-0.2386	-0.2766	*****	*****	*****	*****	
0.775	*****	-0.3683	-0.2879	-0.2427	-0.2824	*****	*****	*****	*****	
0.800	-0.3830	-0.4046	-0.3307	-0.2910	*****	*****	*****	*****	*****	
0.825	*****	-0.4432	-0.3527	-0.3079	-0.3814	*****	*****	*****	*****	
0.850	-0.3971	-0.4698	-0.3646	-0.3436	-0.4792	*****	*****	*****	*****	
0.875	*****	-0.4980	-0.4382	-0.3832	-0.6257	*****	*****	*****	*****	
0.900	-0.4168	-0.5214	-0.5039	-0.3731	*****	*****	*****	*****	*****	
0.925	*****	-0.5939	-0.4960	-0.5545	-0.7843	*****	*****	*****	*****	
0.950	-0.4830	-0.6343	-0.7206	-0.8843	-0.6747	*****	*****	*****	*****	
0.975	*****	-0.7503	-1.0110	-1.0260	-0.6451	*****	*****	*****	*****	
1.000	-1.7120	-1.8884	-1.9206	-1.1880	-1.7814	*****	*****	*****	*****	
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.400	0.1482	0.1394	0.1672	*****	*****	-0.3450	*****	*****	*****	
-0.600	0.1380	0.1479	0.1382	0.0040	-0.3763	*****	*****	*****	*****	
-0.700	0.1525	0.1526	0.1370	0.0331	-0.4195	*****	*****	*****	*****	
-0.800	*****	0.1550	0.1388	0.0488	-0.4324	*****	*****	*****	*****	
-0.850	*****	*****	0.1424	0.0727	-0.4065	*****	*****	*****	*****	
-0.900	*****	0.1913	0.1570	0.0758	-0.4190	*****	*****	*****	*****	
-0.950	0.2299	0.2178	0.1863	0.1043	-0.4538	*****	*****	*****	*****	
-0.975	0.2438	0.1428	0.2116	0.1574	-0.1891	*****	*****	*****	*****	
-1.000	*****	0.1630	0.1819	0.1633	-0.0013	*****	*****	*****	*****	
	-2.0735	-1.9253	-1.2788	-1.0226	-0.9284	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 45 , Point No. = 959
 $C_N = 0.297$, $C_m = -0.0460$
 $\alpha = 8.1^\circ$, $M_\infty = 0.600$
 $R_{mac} = 60.0 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.8557	*****
0.20	-1.7120	-2.0735
0.30	-1.7999	*****
0.40	-1.8884	-1.9253
0.50	-1.6794	*****
0.60	-1.9206	-1.2788
0.70	-1.3527	*****
0.80	-1.1880	-1.0226
0.90	-1.2084	*****
0.95	-1.7814	-0.9284

Surface Pressures

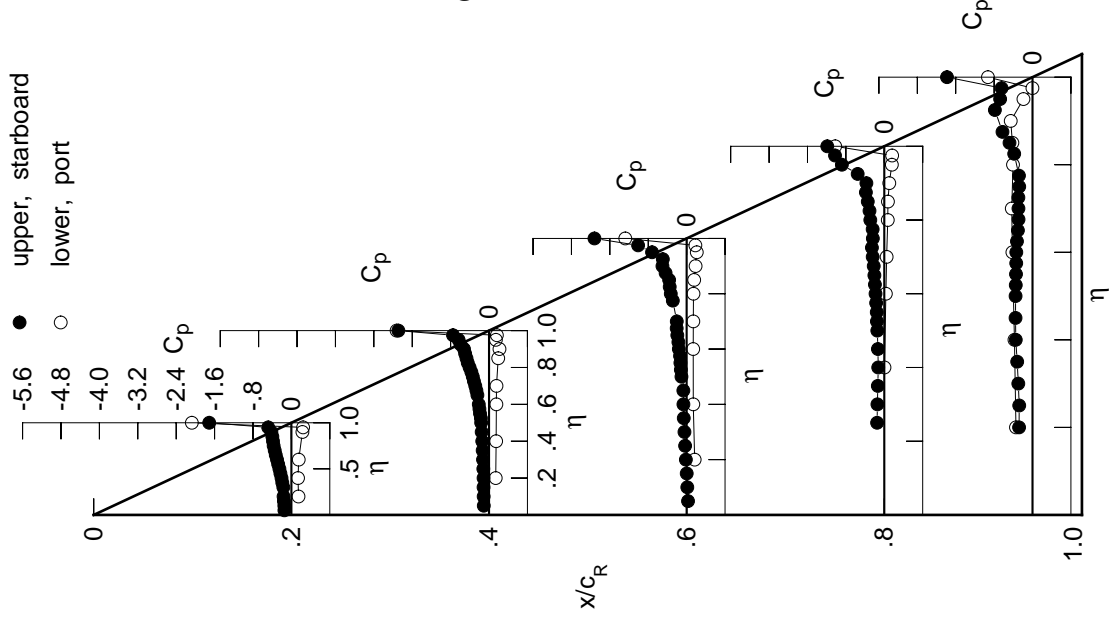
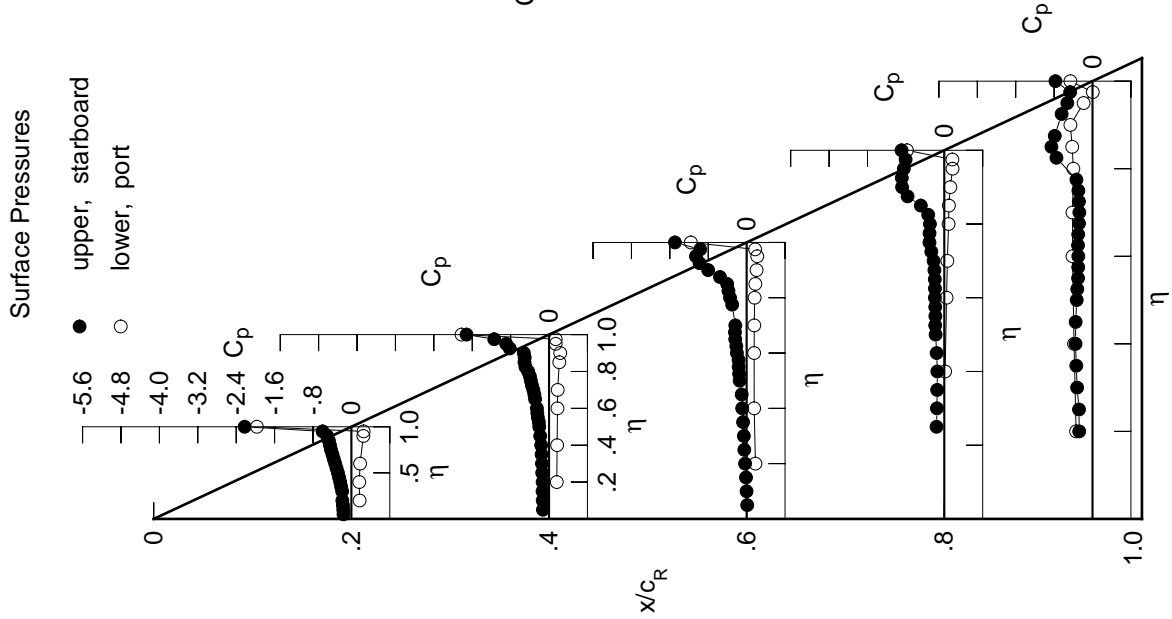
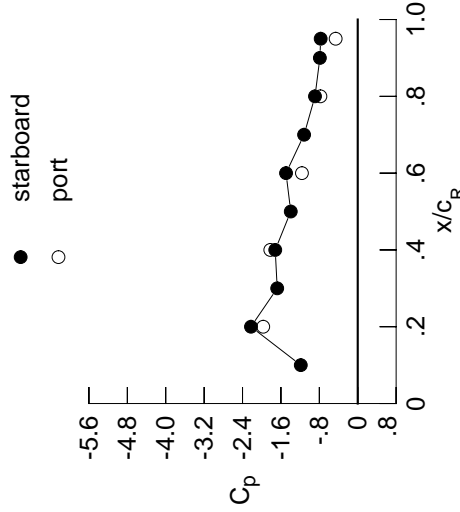


Table E2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1645	-0.1270	0.0127	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1693	-0.1319	-0.0018	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1771	-0.1355	-0.0135	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1886	-0.1338	-0.0320	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1422	-0.0491	-0.1614	-0.1614	-0.1614	-0.1614	-0.1614	-0.1614	-0.1614
0.300	-0.1921	-0.1480	-0.0582	-0.1525	-0.1525	-0.1525	-0.1525	-0.1525	-0.1525	-0.1525
0.350	-0.2140	-0.1551	-0.0746	-0.1476	-0.1476	-0.1476	-0.1476	-0.1476	-0.1476	-0.1476
0.400	-0.2330	-0.1644	-0.0931	-0.1445	-0.1445	-0.1445	-0.1445	-0.1445	-0.1445	-0.1445
0.450	-0.2569	-0.1836	-0.1031	-0.1591	-0.1591	-0.1591	-0.1591	-0.1591	-0.1591	-0.1591
0.500	-0.2808	-0.2033	-0.1454	-0.1805	-0.1805	-0.1805	-0.1805	-0.1805	-0.1805	-0.1805
0.525	*****	-0.2119	-0.1564	-0.1887	-0.1887	-0.1887	-0.1887	-0.1887	-0.1887	-0.1887
0.550	-0.3094	-0.2325	-0.1667	-0.1859	-0.1859	-0.1859	-0.1859	-0.1859	-0.1859	-0.1859
0.575	*****	-0.2442	-0.1689	-0.1878	-0.1878	-0.1878	-0.1878	-0.1878	-0.1878	-0.1878
0.600	-0.3368	-0.2529	-0.2024	-0.1954	-0.1954	-0.1954	-0.1954	-0.1954	-0.1954	-0.1954
0.625	*****	*****	-0.2151	-0.1947	-0.1947	-0.1947	-0.1947	-0.1947	-0.1947	-0.1947
0.650	-0.3676	-0.2906	-0.2379	-0.1973	-0.1973	-0.1973	-0.1973	-0.1973	-0.1973	-0.1973
0.675	*****	-0.3056	-0.2434	-0.2059	-0.2059	-0.2059	-0.2059	-0.2059	-0.2059	-0.2059
0.700	-0.3948	-0.3261	-0.2357	-0.2228	-0.2228	-0.2228	-0.2228	-0.2228	-0.2228	-0.2228
0.725	*****	-0.3559	*****	-0.2708	-0.2708	-0.2708	-0.2708	-0.2708	-0.2708	-0.2708
0.750	-0.4244	-0.3795	*****	-0.3087	-0.3087	-0.3087	-0.3087	-0.3087	-0.3087	-0.3087
0.775	*****	-0.3998	-0.3009	-0.3070	-0.3070	-0.3070	-0.3070	-0.3070	-0.3070	-0.3070
0.800	-0.4460	-0.4349	-0.3453	-0.2995	-0.2995	-0.2995	-0.2995	-0.2995	-0.2995	-0.2995
0.825	*****	-0.4922	-0.3790	-0.3351	-0.3351	-0.3351	-0.3351	-0.3351	-0.3351	-0.3351
0.850	-0.4697	-0.5114	-0.4061	-0.4890	-0.4890	-0.4890	-0.4890	-0.4890	-0.4890	-0.4890
0.875	*****	-0.5071	-0.5558	-0.7650	-0.7650	-0.7650	-0.7650	-0.7650	-0.7650	-0.7650
0.900	-0.5048	-0.5244	-0.8019	-0.8791	-0.8791	-0.8791	-0.8791	-0.8791	-0.8791	-0.8791
0.925	*****	-0.8183	-0.9810	-0.8845	-0.8845	-0.8845	-0.8845	-0.8845	-0.8845	-0.8845
0.950	-0.6001	-0.8931	-1.0561	-0.8429	-0.8429	-0.8429	-0.8429	-0.8429	-0.8429	-0.8429
0.975	*****	-1.1414	-0.9669	-0.8056	-0.8056	-0.8056	-0.8056	-0.8056	-0.8056	-0.8056
1.000	-2.2243	-1.7187	-1.4939	-0.8903	-0.8903	-0.8903	-0.8903	-0.8903	-0.8903	-0.8903
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1708	0.1607	0.1832	*****	*****	*****	*****	*****	*****	*****
-0.600	0.1640	0.1691	0.1570	0.0170	-0.3847	-0.3847	-0.3847	-0.3847	-0.3847	-0.3847
-0.700	0.1806	0.1753	0.1561	0.0480	-0.4169	-0.4169	-0.4169	-0.4169	-0.4169	-0.4169
-0.800	*****	0.1799	0.1592	0.0636	-0.4164	-0.4164	-0.4164	-0.4164	-0.4164	-0.4164
-0.850	*****	*****	0.1662	0.0893	-0.3990	-0.3990	-0.3990	-0.3990	-0.3990	-0.3990
-0.900	0.2497	0.2337	0.1816	0.0958	-0.4235	-0.4235	-0.4235	-0.4235	-0.4235	-0.4235
-0.950	0.2547	0.1393	0.2070	0.1253	-0.4610	-0.4610	-0.4610	-0.4610	-0.4610	-0.4610
-0.975	*****	0.1393	0.2207	0.1723	-0.1850	-0.1850	-0.1850	-0.1850	-0.1850	-0.1850
-1.000	-1.9691	-1.8215	-1.1627	-0.7778	-0.4602	-0.4602	-0.4602	-0.4602	-0.4602	-0.4602

Small Radius L.E.
 Run No. = 45 , Point No. = 960
 $C_N = 0.354$, $C_m = -0.0578$
 $\alpha = 9.2^\circ$, $M_\infty = 0.600$
 $R_{mac} = 59.8 \times 10^6$

Leading Edge Pressures

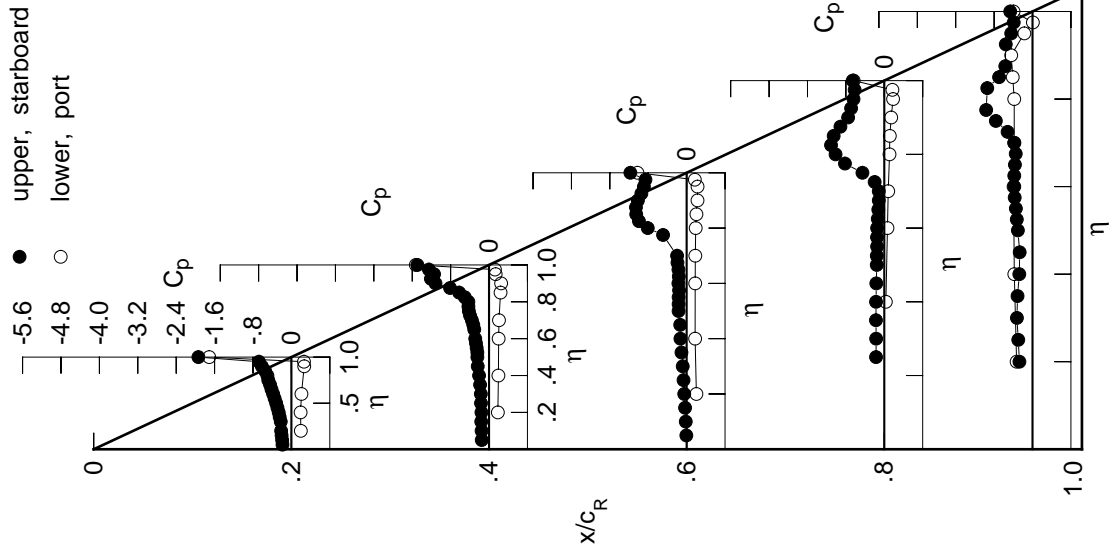


x/c_R	starb'd C_p	port C_p
0.10	-1.1865	*****
0.20	-2.2243	-1.9691
0.30	-1.6776	*****
0.40	-1.7187	-1.8215
0.50	-1.3955	*****
0.60	-1.4939	-1.1627
0.70	-1.1176	*****
0.80	-0.8903	-0.7778
0.90	-0.7886	*****
0.95	-0.7724	-0.4602

Table E2. Continued.

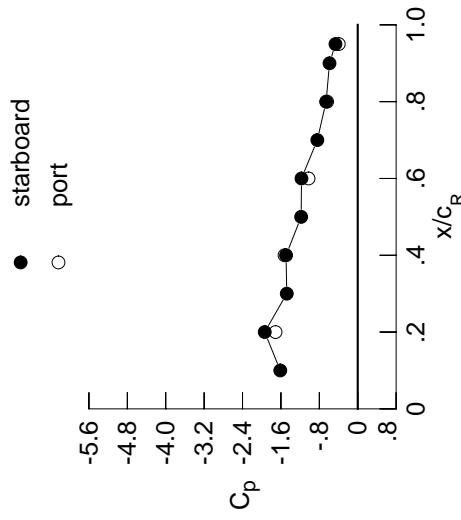
η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1856	-0.1521	-0.0061	*****	*****
0.100	-0.1926	-0.1552	-0.0183	*****	*****
0.150	-0.2041	-0.1627	-0.0332	*****	*****
0.200	-0.2134	-0.1585	-0.0506	*****	-0.2730
0.250	*****	-0.1674	-0.0650	-0.1721	-0.2965
0.300	-0.2212	-0.1702	-0.0816	-0.1694	-0.3247
0.350	-0.2438	-0.1861	-0.1077	-0.1739	-0.3116
0.400	-0.2637	-0.2076	-0.1300	-0.1719	-0.2750
0.450	-0.2901	-0.2351	-0.1346	-0.1666	-0.2674
0.500	-0.3167	-0.2433	-0.1683	-0.1565	-0.3048
0.525	*****	-0.2429	-0.1674	-0.1557	-0.3271
0.550	-0.3491	-0.2580	-0.1673	-0.1497	-0.3462
0.575	*****	-0.2723	-0.1579	-0.1508	-0.3715
0.600	-0.3803	-0.2872	-0.1724	-0.1490	-0.3797
0.625	*****	*****	-0.1635	-0.1358	-0.3798
0.650	-0.4147	-0.3076	-0.1708	-0.1245	-0.3660
0.675	*****	-0.3280	-0.1908	-0.1144	-0.3497
0.700	-0.4442	-0.3579	-0.1990	-0.1156	-0.3782
0.725	*****	-0.3952	*****	-0.2010	-0.5196
0.750	-0.4816	-0.4211	*****	-0.4555	-0.7638
0.775	*****	-0.4294	-0.4909	-0.8196	-0.9654
0.800	-0.5004	-0.4304	-0.8101	-1.0154	*****
0.825	*****	-0.5056	-0.9939	-1.1097	-0.9422
0.850	-0.5475	-0.6233	-1.0502	-1.0543	-0.6969
0.875	*****	-0.8120	-1.0557	-0.9137	-0.5671
0.900	-0.6156	-1.1156	-1.0155	-0.7532	*****
0.925	*****	-1.2112	-0.9432	-0.6915	-0.5571
0.950	-0.6758	-1.1452	-0.8902	-0.6406	-0.4439
0.975	*****	-1.2528	-0.8584	-0.6178	-0.3911
1.000	-1.9374	-1.4926	-1.1719	-0.6585	-0.4640
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1971	0.1841	0.2030	*****	-0.3315
-0.400	0.1916	0.1951	0.1765	0.0330	-0.3795
-0.600	0.2096	0.2004	0.1781	0.0660	-0.3944
-0.700	*****	0.2069	0.1808	0.0819	-0.3811
-0.800	*****	*****	0.1890	0.1092	-0.3811
-0.850	*****	0.2397	0.2038	0.1151	-0.4120
-0.900	0.2669	0.2519	0.2264	0.1439	-0.4443
-0.950	0.2626	0.1377	0.2274	0.1832	-0.1701
-0.975	*****	0.1229	0.1701	0.1687	0.0080
-1.000	-1.7120	-1.5245	-1.0250	-0.6380	-0.3955

Surface Pressures



Small Radius L.E.
 Run No. = 45, Point No. = 961
 $C_N = 0.423$, $C_m = -0.0718$
 $\alpha = 10.2^\circ$, $M_\infty = 0.601$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.6138	*****
0.20	-1.9374	-1.7120
0.30	-1.4786	*****
0.40	-1.4926	-1.5245
0.50	-1.1785	*****
0.60	-1.1719	-1.0250
0.70	-0.8420	*****
0.80	-0.6585	-0.6380
0.90	-0.5879	*****
0.95	-0.4640	-0.3955

Table E2. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2069	-0.1759	-0.0210	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2143	-0.1766	-0.0312	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2318	-0.1852	-0.0503	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2390	-0.1825	-0.0624	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1879	-0.0842	-0.1848	-0.1848	-0.3232	*****	*****	*****	*****
0.300	-0.2521	-0.2012	-0.1105	-0.1917	-0.3106	*****	*****	*****	*****	*****
0.350	-0.2760	-0.2207	-0.1395	-0.1847	-0.2503	*****	*****	*****	*****	*****
0.400	-0.2957	-0.2434	-0.1457	-0.1632	-0.2595	*****	*****	*****	*****	*****
0.450	-0.3258	-0.2676	-0.1341	-0.1581	-0.3075	*****	*****	*****	*****	*****
0.500	-0.3534	-0.2744	-0.1497	-0.1504	-0.3553	*****	*****	*****	*****	*****
0.525	*****	-0.2697	-0.1544	-0.1515	-0.3730	*****	*****	*****	*****	*****
0.550	-0.3837	-0.2802	-0.1551	-0.1419	-0.3820	*****	*****	*****	*****	*****
0.575	*****	-0.2806	-0.1450	-0.1393	-0.3937	*****	*****	*****	*****	*****
0.600	-0.4110	-0.2831	-0.1607	-0.1335	-0.3903	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1517	-0.1219	-0.3903	*****	*****	*****	*****	*****
0.650	-0.4474	-0.3059	-0.1431	-0.1224	-0.3986	*****	*****	*****	*****	*****
0.675	*****	-0.3124	-0.1405	-0.1532	-0.4521	*****	*****	*****	*****	*****
0.700	-0.4822	-0.3058	-0.1388	-0.2519	-0.5901	*****	*****	*****	*****	*****
0.725	*****	-0.3050	*****	-0.4894	-0.7777	*****	*****	*****	*****	*****
0.750	-0.5235	-0.3487	*****	-0.7941	-0.9202	*****	*****	*****	*****	*****
0.775	*****	-0.5058	-1.0477	-1.0786	-0.9484	*****	*****	*****	*****	*****
0.800	-0.5341	-0.8276	-1.2816	-1.1669	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0684	-1.3497	-1.1365	-0.5552	*****	*****	*****	*****	*****
0.850	-0.5886	-1.1960	-1.3059	-0.8486	-0.4890	*****	*****	*****	*****	*****
0.875	*****	-1.2797	-1.1749	-0.7261	-0.4869	*****	*****	*****	*****	*****
0.900	-0.8814	-1.2671	-0.9895	-0.7162	*****	*****	*****	*****	*****	*****
0.925	*****	-1.2020	-0.8946	-0.6658	-0.4868	*****	*****	*****	*****	*****
0.950	-0.9830	-1.1480	-0.8335	-0.6542	-0.4064	*****	*****	*****	*****	*****
0.975	*****	-1.1840	-0.7891	-0.6438	-0.3517	*****	*****	*****	*****	*****
1.000	-1.6719	-1.3904	-1.0538	-0.6546	-0.3557	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2236	0.2047	0.2191	*****	*****	-0.3230	*****	*****	*****	*****
-0.600	0.2185	0.2160	0.1907	0.0455	-0.3844	*****	*****	*****	*****	*****
-0.700	0.2375	0.2249	0.1938	0.0788	-0.3913	*****	*****	*****	*****	*****
-0.800	*****	0.2306	0.2005	0.0941	-0.3967	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2084	0.1233	-0.4099	*****	*****	*****	*****	*****
-0.900	*****	0.2607	0.2230	0.1296	-0.4336	*****	*****	*****	*****	*****
-0.950	0.2822	0.2659	0.2418	0.1562	-0.4526	*****	*****	*****	*****	*****
-0.975	0.2692	0.1368	0.2312	0.1873	-0.1666	*****	*****	*****	*****	*****
-1.000	*****	0.1080	0.1627	0.1636	0.0100	*****	*****	*****	*****	*****
	-1.7131	-1.3323	-0.9692	-0.6229	-0.3287	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 45 , Point No. = 962
 $C_N = 0.471$, $C_m = -0.0752$
 $\alpha = 11.2^\circ$, $M_\infty = 0.600$
 $R_{mac} = 59.8 \times 10^6$

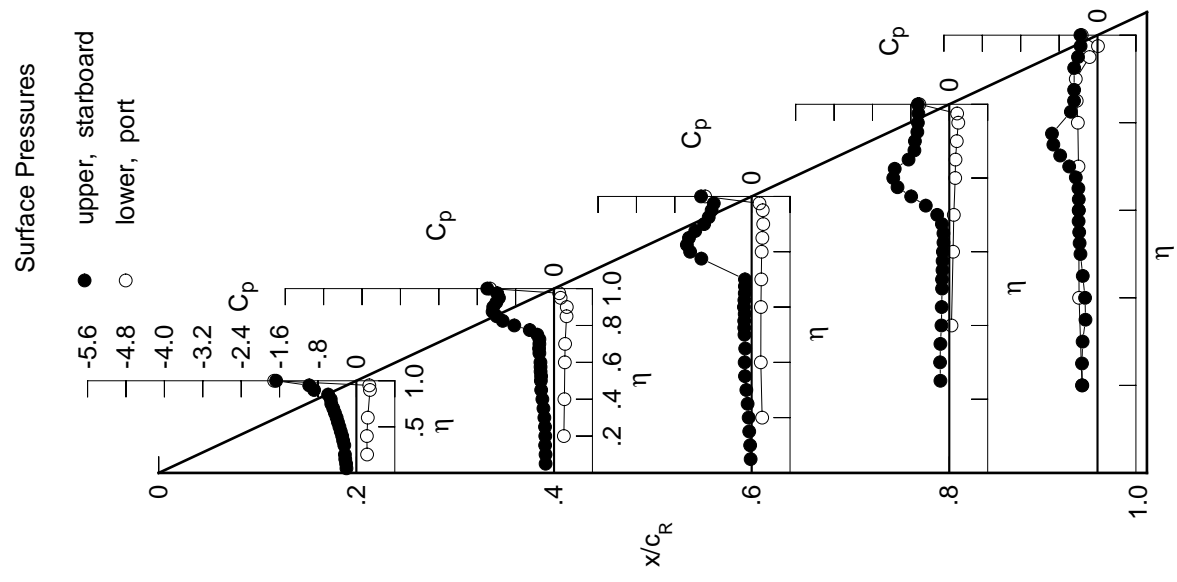
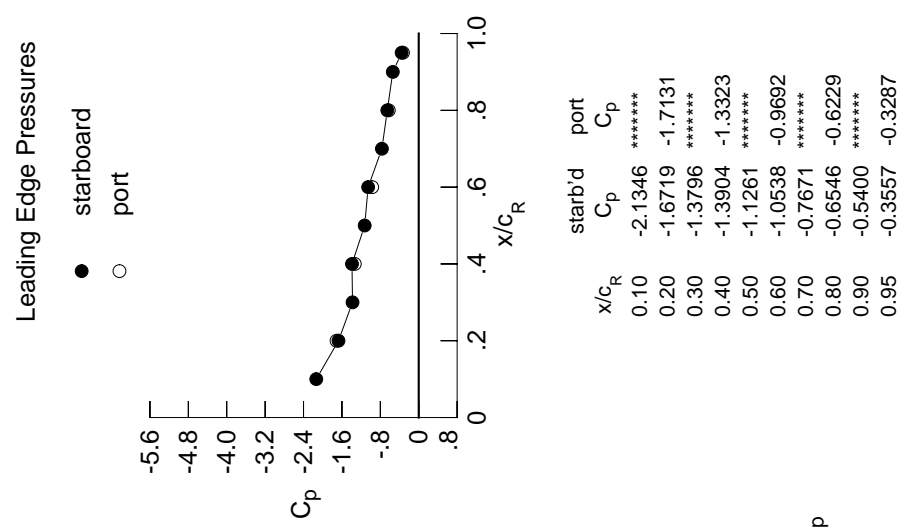
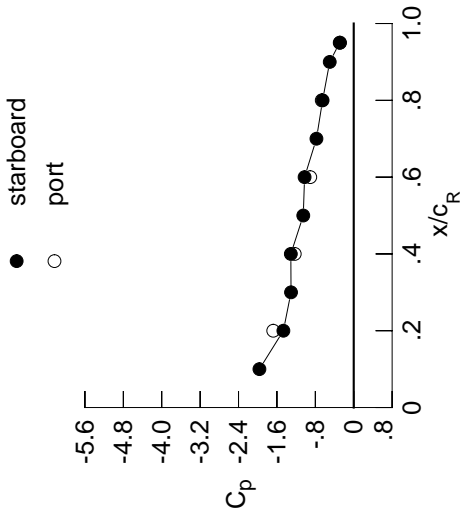


Table E2. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2340	-0.1998	-0.0358	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2370	-0.1992	-0.0464	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2586	-0.2051	-0.0644	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2729	-0.2057	-0.0812	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2248	-0.1102	-0.1969	-0.3288	*****	*****	*****	*****	*****
0.300	-0.2867	-0.2453	-0.1263	-0.1972	-0.2937	*****	*****	*****	*****	*****
0.350	-0.3184	-0.2418	-0.1446	-0.1857	-0.2573	*****	*****	*****	*****	*****
0.400	-0.3382	-0.2431	-0.1495	-0.1673	-0.2930	*****	*****	*****	*****	*****
0.450	-0.3588	-0.2576	-0.1354	-0.1627	-0.3410	*****	*****	*****	*****	*****
0.500	-0.3877	-0.2837	-0.1603	-0.1533	-0.3733	*****	*****	*****	*****	*****
0.525	*****	-0.2892	-0.1598	-0.1535	-0.3855	*****	*****	*****	*****	*****
0.550	-0.4102	-0.3012	-0.1597	-0.1439	-0.3855	*****	*****	*****	*****	*****
0.575	*****	-0.3022	-0.1424	-0.1458	-0.3992	*****	*****	*****	*****	*****
0.600	-0.4318	-0.2966	-0.1573	-0.1513	-0.4068	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1435	-0.1686	-0.4438	*****	*****	*****	*****	*****
0.650	-0.4683	-0.2726	-0.1527	-0.2301	-0.5190	*****	*****	*****	*****	*****
0.675	*****	-0.2576	-0.2084	-0.3747	-0.6435	*****	*****	*****	*****	*****
0.700	-0.4866	-0.2498	-0.3531	-0.5987	-0.8056	*****	*****	*****	*****	*****
0.725	*****	-0.3441	*****	-0.8729	-0.9379	*****	*****	*****	*****	*****
0.750	-0.4837	-0.7464	*****	-1.0867	-0.9619	*****	*****	*****	*****	*****
0.775	*****	-1.1770	-1.3359	-1.0867	-0.9619	*****	*****	*****	*****	*****
0.800	-0.5285	-1.3850	-1.4464	-1.0777	-0.8423	*****	*****	*****	*****	*****
0.825	*****	-1.4104	-1.4386	-0.9335	-0.4760	*****	*****	*****	*****	*****
0.850	-1.0342	-1.3846	-1.2742	-0.7819	-0.4481	*****	*****	*****	*****	*****
0.875	*****	-1.3324	-1.0342	-0.7471	-0.4403	*****	*****	*****	*****	*****
0.900	-1.2471	-1.2362	-0.9512	-0.7218	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1601	-0.8960	-0.6729	-0.4544	*****	*****	*****	*****	*****
0.950	-1.2417	-1.1279	-0.8293	-0.6689	-0.3628	*****	*****	*****	*****	*****
0.975	*****	-1.1319	-0.7877	-0.6540	-0.3155	*****	*****	*****	*****	*****
1.000	-1.4659	-1.3103	-1.0244	-0.6489	-0.2923	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2502	0.2290	0.2355	*****	*****	*****	*****	*****	*****	*****
-0.600	0.2463	0.2388	0.2107	0.0579	-0.3922	*****	*****	*****	*****	*****
-0.700	0.2654	0.2473	0.2130	0.0912	-0.3996	*****	*****	*****	*****	*****
-0.800	*****	0.2546	0.2198	0.1075	-0.4282	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2280	0.1367	-0.4403	*****	*****	*****	*****	*****
-0.900	*****	0.2796	0.2413	0.1438	-0.4537	*****	*****	*****	*****	*****
-0.950	0.2969	0.2786	0.2566	0.1697	-0.4589	*****	*****	*****	*****	*****
-0.975	0.2753	0.1360	0.2348	0.1910	-0.1609	*****	*****	*****	*****	*****
-1.000	*****	0.0922	0.1537	0.1533	0.0105	*****	*****	*****	*****	*****
	-1.6771	-1.2288	-0.9059	-0.6662	-0.2855	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 45 , Point No. = 963
 $C_N = 0.524$, $C_m = -0.0817$
 $\alpha = 12.3^\circ$, $M_\infty = 0.601$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.9648	*****
0.20	-1.4659	-1.6771
0.30	-1.3064	*****
0.40	-1.3103	-1.2288
0.50	-1.0510	*****
0.60	-1.0244	-0.9059
0.70	-0.7765	*****
0.80	-0.6489	-0.6662
0.90	-0.5001	*****
0.95	-0.2923	-0.2855

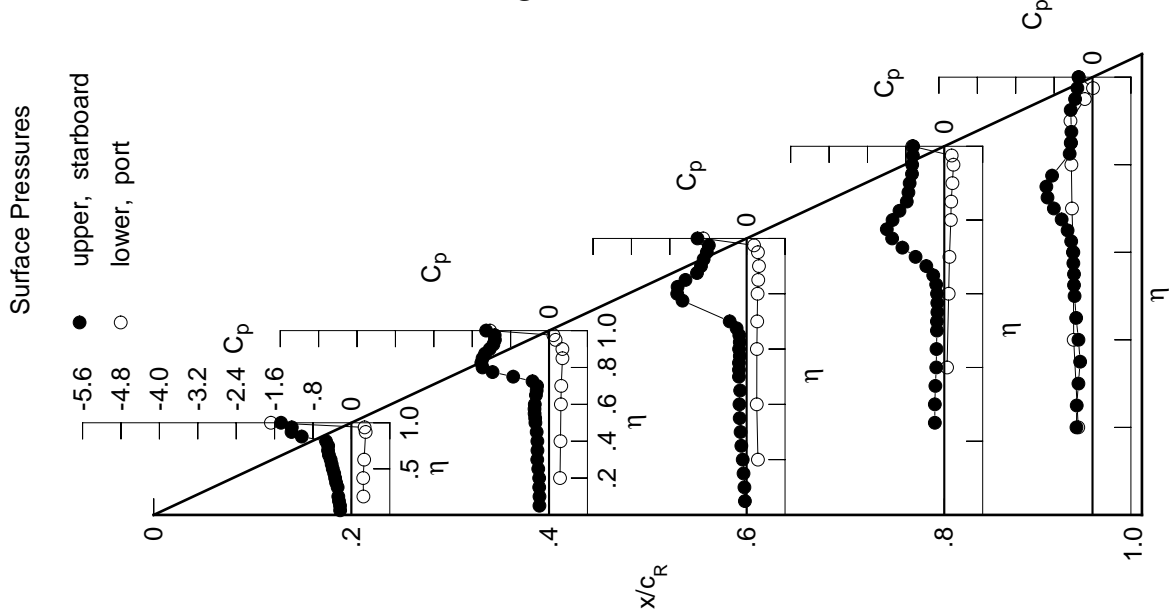
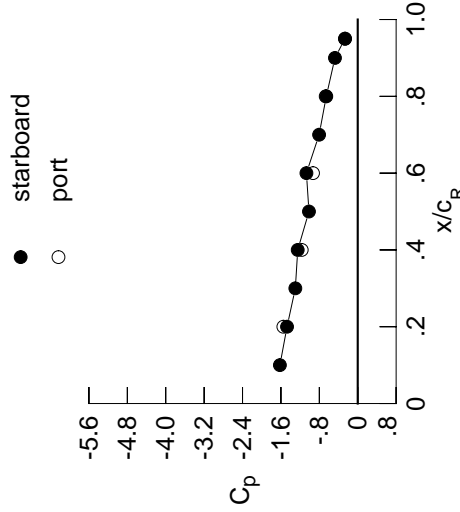


Table E2. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2643	-0.2267	-0.0530	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2640	-0.2271	-0.0643	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2847	-0.2274	-0.0805	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3063	-0.2312	-0.1120	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2705	-0.1355	-0.2181	-0.2965	*****	*****	*****	*****	*****
0.300	-0.3362	-0.2713	-0.1362	-0.1991	-0.2638	*****	*****	*****	*****	*****
0.350	-0.3480	-0.2657	-0.1448	-0.1868	-0.2831	*****	*****	*****	*****	*****
0.400	-0.3686	-0.2610	-0.1550	-0.1711	-0.3347	*****	*****	*****	*****	*****
0.450	-0.3988	-0.2672	-0.1429	-0.1672	-0.3711	*****	*****	*****	*****	*****
0.500	-0.4379	-0.2663	-0.1725	-0.1596	-0.3897	*****	*****	*****	*****	*****
0.525	*****	-0.2671	-0.1707	-0.1637	-0.3975	*****	*****	*****	*****	*****
0.550	-0.4496	-0.2802	-0.1698	-0.1624	-0.4008	*****	*****	*****	*****	*****
0.575	*****	-0.2762	-0.1547	-0.1830	-0.4290	*****	*****	*****	*****	*****
0.600	-0.4562	-0.2636	-0.1850	-0.2263	-0.4693	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1966	-0.3096	-0.5592	*****	*****	*****	*****	*****
0.650	-0.4822	-0.2385	-0.2756	-0.4602	-0.6895	*****	*****	*****	*****	*****
0.675	*****	-0.2977	-0.4471	-0.6843	-0.8334	*****	*****	*****	*****	*****
0.700	-0.4803	-0.5757	-0.7021	-0.9320	-0.9749	*****	*****	*****	*****	*****
0.725	*****	-1.0502	*****	-1.1456	-1.0346	*****	*****	*****	*****	*****
0.750	-0.4185	-1.4462	*****	-1.2303	-0.9379	*****	*****	*****	*****	*****
0.775	*****	-1.5911	-1.5311	-1.1702	-0.6897	*****	*****	*****	*****	*****
0.800	-0.8488	-1.5999	-1.5127	-0.9274	*****	*****	*****	*****	*****	*****
0.825	*****	-1.5421	-1.2327	-0.8499	-0.4341	*****	*****	*****	*****	*****
0.850	-1.3965	-1.4597	-1.0022	-0.8008	-0.4080	*****	*****	*****	*****	*****
0.875	*****	-1.3383	-0.9701	-0.7686	-0.4106	*****	*****	*****	*****	*****
0.900	-1.4010	-1.2127	-0.9551	-0.7348	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1465	-0.8982	-0.6891	-0.4392	*****	*****	*****	*****	*****
0.950	-1.3905	-1.1137	-0.8721	-0.6786	-0.3375	*****	*****	*****	*****	*****
0.975	*****	-1.1052	-0.8457	-0.6623	-0.2955	*****	*****	*****	*****	*****
1.000	-1.4728	-1.2501	-1.0690	-0.6552	-0.2659	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2757	0.2494	0.2522	*****	*****	*****	*****	*****	*****	*****
-0.600	0.2719	0.2607	0.2273	0.0701	-0.3906	*****	*****	*****	*****	*****
-0.700	0.2913	0.2684	0.2301	0.1026	-0.4171	*****	*****	*****	*****	*****
-0.800	*****	0.2765	0.2342	0.1210	-0.4551	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2433	0.1492	-0.4594	*****	*****	*****	*****	*****
-0.900	*****	0.2955	0.2552	0.1578	-0.4645	*****	*****	*****	*****	*****
-0.950	0.3091	0.2878	0.2644	0.1823	-0.4581	*****	*****	*****	*****	*****
-0.975	0.2779	0.1324	0.2289	0.1951	-0.1553	*****	*****	*****	*****	*****
-1.000	*****	0.0732	0.1336	0.1456	0.0111	*****	*****	*****	*****	*****
	-1.5495	-1.1664	-0.9312	-0.6672	-0.2637	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 45 , Point No. = 964
 $C_N = 0.580$, $C_m = -0.0891$
 $\alpha = 13.3^\circ$, $M_\infty = 0.601$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.6214	*****
0.20	-1.4728	-1.5495
0.30	-1.2998	*****
0.40	-1.2501	-1.1664
0.50	-1.0159	*****
0.60	-1.0690	-0.9312
0.70	-0.8045	*****
0.80	-0.6552	-0.6672
0.90	-0.4744	*****
0.95	-0.2659	-0.2637

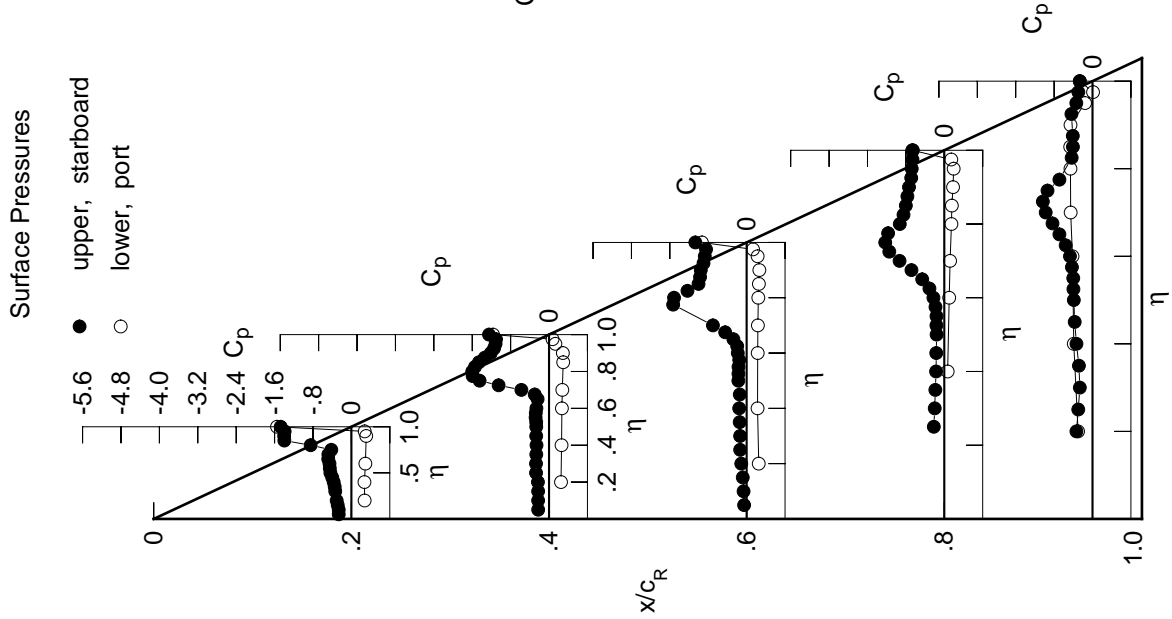


Table E2. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2968	-0.2559	-0.0709	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2936	-0.2542	-0.0812	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3113	-0.2564	-0.1028	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3391	-0.2703	-0.1326	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2967	-0.1493	-0.2226	-0.3007	*****	*****	*****	*****	*****
0.300	-0.3642	-0.2930	-0.1527	-0.2063	-0.2733	*****	*****	*****	*****	*****
0.350	-0.3668	-0.2915	-0.1637	-0.1939	-0.2906	*****	*****	*****	*****	*****
0.400	-0.3822	-0.2892	-0.1733	-0.1768	-0.3397	*****	*****	*****	*****	*****
0.450	-0.4195	-0.2938	-0.1595	-0.1724	-0.3724	*****	*****	*****	*****	*****
0.500	-0.4522	-0.2881	-0.1917	-0.1708	-0.3948	*****	*****	*****	*****	*****
0.525	*****	-0.2837	-0.1922	-0.1805	-0.4098	*****	*****	*****	*****	*****
0.550	-0.4705	-0.2909	-0.2013	-0.1980	-0.4260	*****	*****	*****	*****	*****
0.575	-0.4792	-0.2874	-0.2145	-0.2489	-0.4791	*****	*****	*****	*****	*****
0.600	-0.4792	-0.2674	-0.2745	-0.3343	-0.5530	*****	*****	*****	*****	*****
0.625	*****	*****	-0.3421	-0.4715	-0.6762	*****	*****	*****	*****	*****
0.650	-0.4618	-0.3474	-0.5208	-0.6730	-0.8253	*****	*****	*****	*****	*****
0.675	*****	-0.5814	-0.7811	-0.9238	-0.9623	*****	*****	*****	*****	*****
0.700	-0.3961	-1.0067	-1.0505	-1.1573	-1.0634	*****	*****	*****	*****	*****
0.725	*****	-1.4294	*****	-1.3219	-1.0349	*****	*****	*****	*****	*****
0.750	-0.8098	-1.7029	*****	-1.3117	-0.8266	*****	*****	*****	*****	*****
0.775	*****	-1.7816	-1.5572	-1.1476	-0.5218	*****	*****	*****	*****	*****
0.800	-1.4371	-1.7615	-1.3260	-0.8770	*****	*****	*****	*****	*****	*****
0.825	*****	-1.6794	-1.0593	-0.8286	-0.3961	*****	*****	*****	*****	*****
0.850	-1.5540	-1.5362	-1.0057	-0.8069	-0.3795	*****	*****	*****	*****	*****
0.875	*****	-1.3549	-1.0040	-0.7901	-0.3923	*****	*****	*****	*****	*****
0.900	-1.4702	-1.2472	-0.9808	-0.7579	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1802	-0.9320	-0.7042	-0.4320	*****	*****	*****	*****	*****
0.950	-1.4190	-1.1333	-0.9164	-0.6889	-0.3259	*****	*****	*****	*****	*****
0.975	*****	-1.1058	-0.8874	-0.6752	-0.2864	*****	*****	*****	*****	*****
1.000	-1.4662	-1.2096	-1.1030	-0.6614	-0.2537	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3017	0.2713	0.2684	*****	*****	*****	*****	*****	*****	*****
-0.600	0.2996	0.2818	0.2437	0.0808	-0.3908	*****	*****	*****	*****	*****
-0.700	0.3178	0.2907	0.2472	0.1151	-0.4393	*****	*****	*****	*****	*****
-0.800	*****	0.2985	0.2518	0.1325	-0.4833	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2593	0.1621	-0.4748	*****	*****	*****	*****	*****
-0.900	*****	0.3105	0.2691	0.1706	-0.4720	*****	*****	*****	*****	*****
-0.950	0.3200	0.2949	0.2725	0.1930	-0.4551	*****	*****	*****	*****	*****
-0.975	0.2806	0.1247	0.2222	0.1965	-0.1482	*****	*****	*****	*****	*****
-1.000	*****	0.0497	0.1105	0.1357	0.0115	*****	*****	*****	*****	*****
	-1.5209	-1.1666	-0.9808	-0.6691	-0.2478	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 45 , Point No. = 965
 $C_N = 0.631$, $C_m = -0.0922$
 $\alpha = 14.3^\circ$, $M_\infty = 0.600$
 $R_{mac} = 59.8 \times 10^6$

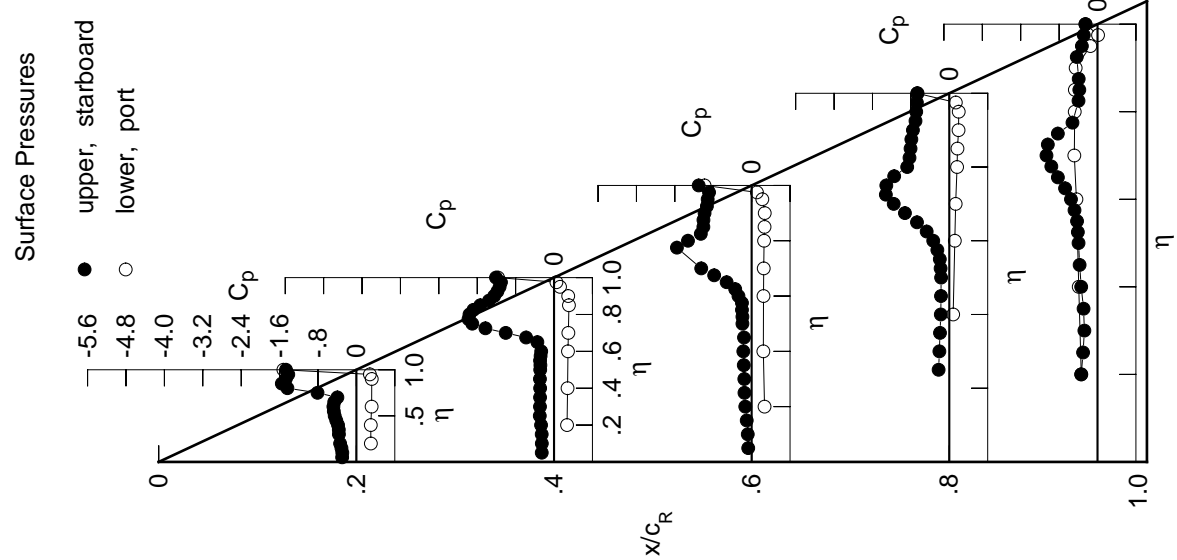
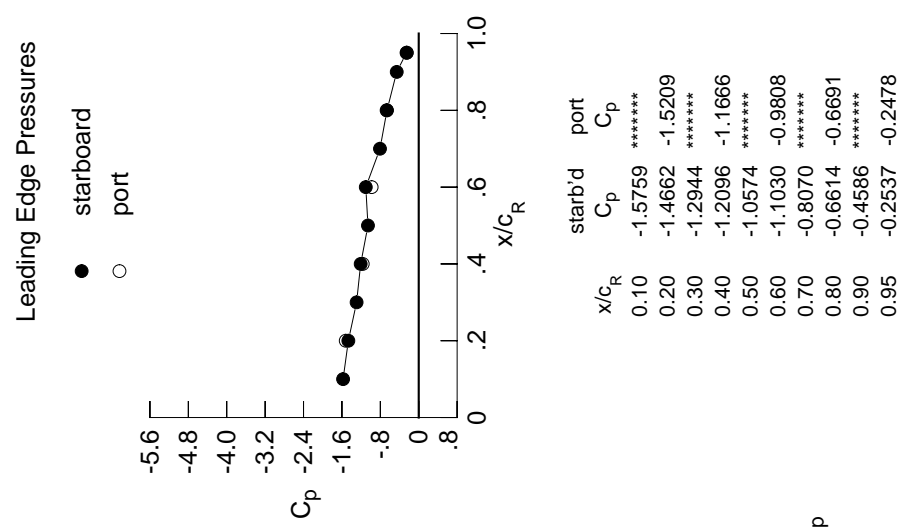


Table E2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.3621	-0.3157	-0.1099	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3569	-0.3140	-0.1207	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3814	-0.3325	-0.1488	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4091	-0.3363	-0.1677	*****	*****	*****	*****	*****	*****	-0.3413
0.250	*****	-0.3405	-0.1819	-0.2365	-0.2992	*****	*****	*****	*****	-0.2992
0.300	-0.4183	-0.3389	-0.1895	-0.2237	-0.2827	*****	*****	*****	*****	-0.2827
0.350	-0.4221	-0.3430	-0.2019	-0.2114	-0.3061	*****	*****	*****	*****	-0.3061
0.400	-0.4256	-0.3439	-0.2134	-0.1962	-0.3530	*****	*****	*****	*****	-0.3530
0.450	-0.4375	-0.3475	-0.2020	-0.2037	-0.3874	*****	*****	*****	*****	-0.3874
0.500	-0.4516	-0.3408	-0.2627	-0.2353	-0.4302	*****	*****	*****	*****	-0.4302
0.525	*****	-0.3393	-0.3003	-0.2794	-0.4731	*****	*****	*****	*****	-0.4731
0.550	-0.4540	-0.3648	-0.3654	-0.3512	-0.5266	*****	*****	*****	*****	-0.5266
0.575	*****	-0.3919	-0.4554	-0.4699	-0.6299	*****	*****	*****	*****	-0.6299
0.600	-0.4128	-0.4686	-0.6669	-0.6344	-0.7523	*****	*****	*****	*****	-0.7523
0.625	*****	*****	-0.8526	-0.8402	-0.9022	*****	*****	*****	*****	-0.9022
0.650	-0.5997	-0.9277	-1.1313	-1.0807	-1.0274	*****	*****	*****	*****	-1.0274
0.675	*****	-1.2928	-1.4033	-1.3208	-1.0557	*****	*****	*****	*****	-1.0557
0.700	-1.3992	-1.6478	-1.5659	-1.4772	-0.9915	*****	*****	*****	*****	-0.9915
0.725	*****	-1.9044	*****	-1.4728	-0.7900	*****	*****	*****	*****	-0.7900
0.750	-1.7667	-2.0317	*****	-1.2664	-0.4870	*****	*****	*****	*****	-0.4870
0.775	*****	-1.9681	-1.3213	-0.9830	-0.3886	*****	*****	*****	*****	-0.3886
0.800	-1.7678	-1.6953	-1.1213	-0.8451	*****	*****	*****	*****	*****	-0.8451
0.825	*****	-1.4669	-1.0812	-0.8201	-0.3702	*****	*****	*****	*****	-0.3702
0.850	-1.6805	-1.4051	-1.0803	-0.8062	-0.3545	*****	*****	*****	*****	-0.3545
0.875	*****	-1.3935	-1.0781	-0.8116	-0.3688	*****	*****	*****	*****	-0.3688
0.900	-1.5415	-1.3371	-1.0422	-0.7871	*****	*****	*****	*****	*****	-0.7871
0.925	*****	-1.2562	-0.9928	-0.7313	-0.4129	*****	*****	*****	*****	-0.4129
0.950	-1.4983	-1.2344	-0.9724	-0.7130	-0.3103	*****	*****	*****	*****	-0.3103
0.975	*****	-1.2207	-0.9488	-0.7025	-0.2751	*****	*****	*****	*****	-0.2751
1.000	-1.5147	-1.2668	-1.1493	-0.6849	-0.2433	*****	*****	*****	*****	-0.2433
-0.200	$C_{p,l}$	$C_{p,l}$	0.3154	0.3025	*****	*****	*****	*****	*****	-0.3437
-0.400	0.3567	0.3259	0.2786	0.1089	0.4078	*****	*****	*****	*****	-0.4078
-0.600	0.3688	0.3339	0.2827	0.1411	0.4664	*****	*****	*****	*****	-0.4664
-0.700	*****	0.3395	0.2872	0.1599	-0.5086	*****	*****	*****	*****	-0.5086
-0.800	*****	*****	0.2921	0.1888	-0.4767	*****	*****	*****	*****	-0.4767
-0.850	*****	0.3372	0.2975	0.1981	-0.4635	*****	*****	*****	*****	-0.4635
-0.900	0.3375	0.3037	0.2872	0.2153	-0.4304	*****	*****	*****	*****	-0.4304
-0.950	0.2791	0.1116	0.2022	0.1969	-0.1253	*****	*****	*****	*****	-0.1253
-0.975	*****	-0.0021	0.0526	0.1098	0.0154	*****	*****	*****	*****	0.0154
-1.000	-1.5515	-1.1464	-1.1420	-0.7021	-0.2534	*****	*****	*****	*****	-0.2534

Small Radius L.E.

Run No. = 45 , Point No. = 966

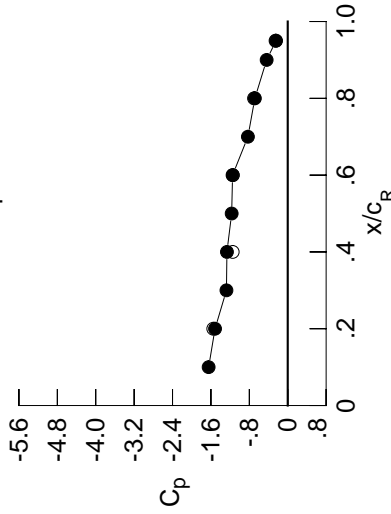
$C_N = 0.746$, $C_m = -0.1066$

$\alpha = 16.5^\circ$, $M_\infty = 0.601$

$R_{mac} = 59.8 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.6477	*****
0.20	-1.5147	-1.5515
0.30	-1.2767	*****
0.40	-1.2668	-1.1464
0.50	-1.1679	*****
0.60	-1.1493	-1.1420
0.70	-0.8292	*****
0.80	-0.6849	-0.7021
0.90	-0.4393	*****
0.95	-0.2433	-0.2534

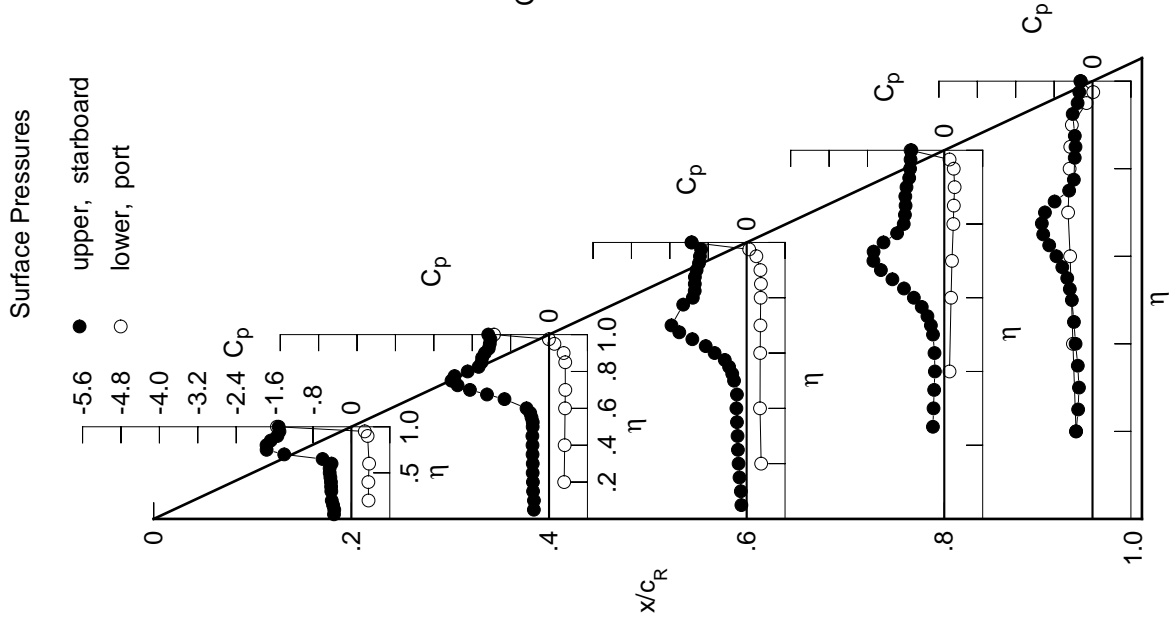


Table E2. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4362	-0.3874	-0.1504	*****	*****
0.100	-0.4324	-0.3916	-0.1622	*****	*****
0.150	-0.4641	-0.4087	-0.1920	*****	*****
0.200	-0.4761	-0.4023	-0.2022	*****	-0.3560
0.250	*****	-0.4072	-0.2204	-0.2612	-0.3269
0.300	-0.4578	-0.4098	-0.2302	-0.2526	-0.3187
0.350	-0.4762	-0.4162	-0.2490	-0.2445	-0.3329
0.400	-0.4844	-0.4200	-0.2705	-0.2434	-0.3771
0.450	-0.4873	-0.4365	-0.2866	-0.2803	-0.4265
0.500	-0.4678	-0.4691	-0.4199	-0.3735	-0.5110
0.525	*****	-0.5150	-0.5241	-0.4618	-0.5861
0.550	-0.4566	-0.6178	-0.6645	-0.5862	-0.6726
0.575	*****	-0.7572	-0.8440	-0.7606	-0.8032
0.600	-0.6822	-0.9665	-1.1293	-0.9673	-0.9283
0.625	*****	*****	-1.3443	-1.1937	-1.0266
0.650	-1.5438	-1.5569	-1.6141	-1.4237	-1.0369
0.675	*****	-1.8764	-1.8331	-1.5939	-0.9344
0.700	-2.1169	-2.0995	-1.8586	-1.5809	-0.7599
0.725	*****	-2.0566	*****	-1.3847	-0.5073
0.750	-2.1500	-1.7247	*****	-1.0750	-0.3885
0.775	*****	-1.5182	-1.2186	-0.8974	-0.3954
0.800	-2.0163	-1.4719	-1.1635	-0.8658	*****
0.825	*****	-1.4778	-1.1515	-0.8488	-0.3799
0.850	-1.8144	-1.4853	-1.1549	-0.8428	-0.3588
0.875	*****	-1.4614	-1.1592	-0.8509	-0.3555
0.900	-1.6220	-1.4193	-1.1199	-0.8236	*****
0.925	*****	-1.3985	-1.0572	-0.7711	-0.3865
0.950	-1.5356	-1.3991	-1.0322	-0.7528	-0.3036
0.975	*****	-1.3951	-1.0144	-0.7437	-0.2733
1.000	-1.5308	-1.4067	-1.1944	-0.7231	-0.2427
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4082	0.3616	0.3378	*****	-0.3424
-0.400	0.4072	0.3698	0.3154	0.1353	-0.4283
-0.600	0.4175	0.3748	0.3178	0.1679	-0.5080
-0.700	*****	0.3786	0.3226	0.1864	-0.5325
-0.800	*****	*****	0.3233	0.2136	-0.4816
-0.850	*****	0.3537	0.3220	0.2214	-0.4566
-0.900	0.3498	0.3000	0.2978	0.2314	-0.4095
-0.950	0.2717	0.0811	0.1810	0.1900	-0.1088
-0.975	*****	-0.0834	-0.0017	0.0796	0.0150
-1.000	-1.6033	-1.3234	-1.2080	-0.7345	-0.2578

Small Radius L.E.
 Run No. = 45 , Point No. = 967
 $C_N = 0.853$, $C_m = -0.1165$
 $\alpha = 18.5^\circ$, $M_\infty = 0.601$
 $R_{mac} = 59.7 \times 10^6$

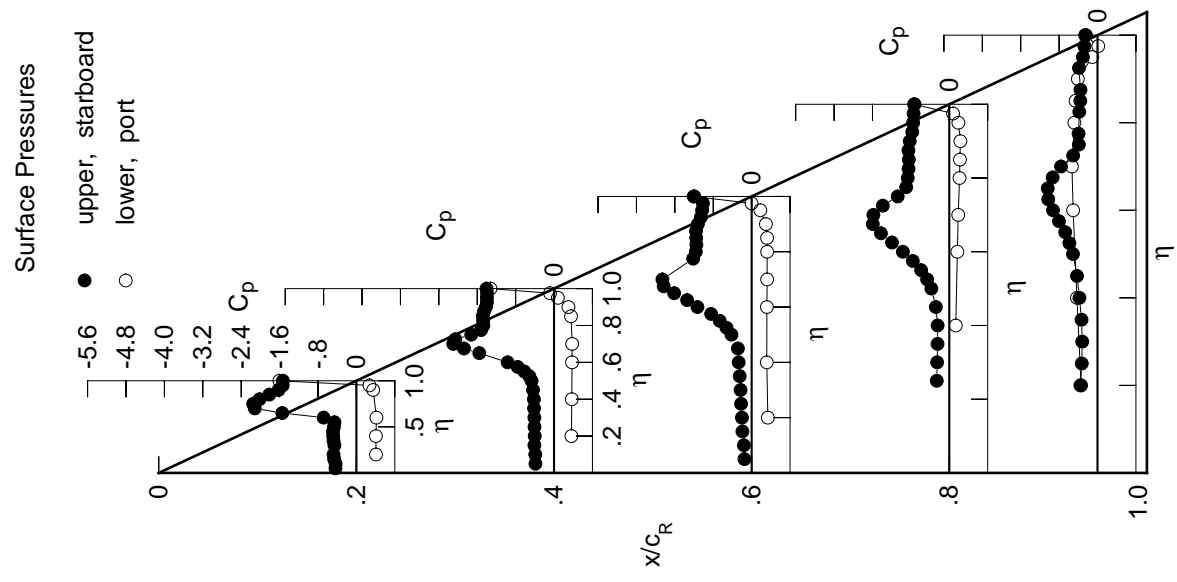
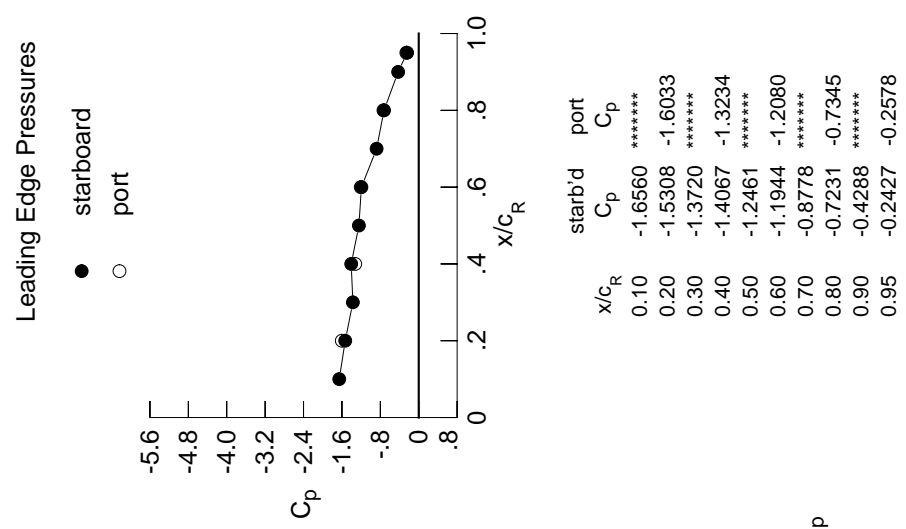
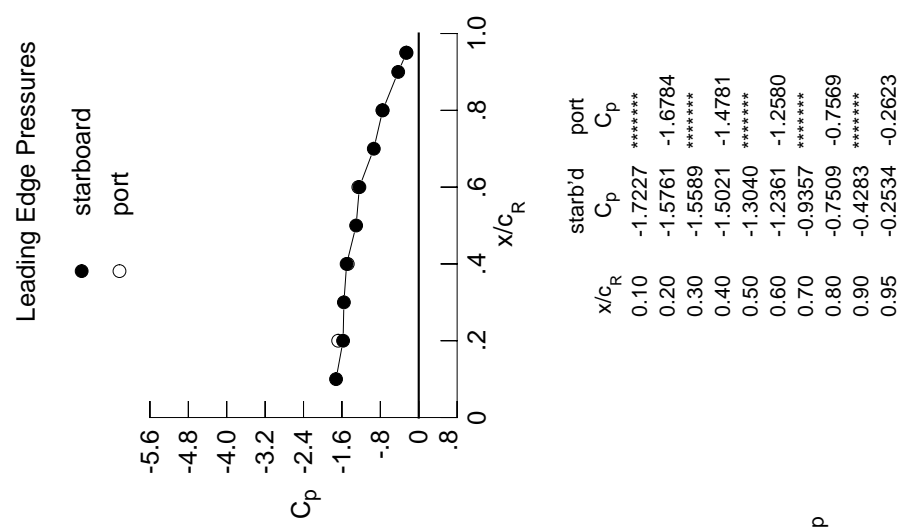


Table E2. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5157	-0.4618	-0.1875	*****	*****
0.100	-0.5194	-0.4689	-0.1989	*****	*****
0.150	-0.5369	-0.4818	-0.2261	*****	*****
0.200	-0.5489	-0.4763	-0.2441	*****	-0.3768
0.250	*****	-0.4862	-0.2621	-0.2930	-0.3795
0.300	-0.5282	-0.4918	-0.2779	-0.2908	-0.3741
0.350	-0.5474	-0.5074	-0.3072	-0.2950	-0.3787
0.400	-0.5461	-0.5315	-0.3551	-0.3171	-0.4218
0.450	-0.5435	-0.6005	-0.4188	-0.3947	-0.4899
0.500	-0.5489	-0.7324	-0.6317	-0.5541	-0.6126
0.525	*****	-0.8553	-0.7867	-0.6798	-0.7093
0.550	-0.7113	-1.0519	-0.9736	-0.8400	-0.8064
0.575	*****	-1.2653	-1.1855	-1.0427	-0.9253
0.600	-1.3238	-1.5189	-1.4806	-1.2612	-0.9875
0.625	*****	*****	-1.7027	-1.4859	-0.9882
0.650	-2.1679	-2.0223	-1.9533	-1.6655	-0.9183
0.675	*****	-2.1920	-2.1523	-1.6461	-0.7615
0.700	-2.5284	-2.0380	-1.9140	-1.4688	-0.5622
0.725	*****	-1.7732	*****	-1.2051	-0.4096
0.750	-2.4429	-1.6198	*****	-0.9574	-0.4186
0.775	*****	-1.5901	-1.2509	-0.9026	-0.4228
0.800	-2.1828	-1.5897	-1.2306	-0.8864	*****
0.825	*****	-1.6006	-1.2256	-0.8758	-0.4046
0.850	-1.8648	-1.5955	-1.2338	-0.8775	-0.3777
0.875	*****	-1.5618	-1.2404	-0.8823	-0.3568
0.900	-1.7273	-1.5247	-1.1937	-0.8510	*****
0.925	*****	-1.5055	-1.1241	-0.8014	-0.3664
0.950	-1.5940	-1.5069	-1.0972	-0.7846	-0.3042
0.975	*****	-1.5044	-1.0819	-0.7740	-0.2790
1.000	-1.5761	-1.5021	-1.2361	-0.7509	-0.2534
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4597	0.4063	0.3730	*****	-0.3384
-0.400	0.4576	0.4119	0.3512	0.1640	-0.4342
-0.600	0.4617	0.4148	0.3525	0.1956	-0.5287
-0.700	*****	0.4158	0.3561	0.2140	-0.5392
-0.800	*****	*****	0.3517	0.2382	-0.4727
-0.850	*****	0.3679	0.3433	0.2439	-0.4400
-0.900	0.3549	0.2939	0.3042	0.2455	-0.3843
-0.950	0.2578	0.0500	0.1556	0.1820	-0.0917
-0.975	*****	-0.1630	-0.0569	0.0472	0.0139
-1.000	-1.6784	-1.4781	-1.2580	-0.7569	-0.2623

Small Radius L.E.
 Run No. = 45 , Point No. = 968
 $C_N = 0.965$, $C_m = -0.1289$
 $\alpha = 20.5^\circ$, $M_\infty = 0.601$
 $R_{mac} = 59.8 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.7227	*****
0.20	-1.5761	-1.6784
0.30	-1.5589	*****
0.40	-1.5021	-1.4781
0.50	-1.3040	*****
0.60	-1.2361	-1.2580
0.70	-0.9357	*****
0.80	-0.7509	-0.7569
0.90	-0.4283	*****
0.95	-0.2534	-0.2623

Table E2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6075	-0.5450	-0.2267	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6063	-0.5436	-0.2404	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6294	-0.5543	-0.2619	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6441	-0.5595	-0.2855	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.5684	-0.3156	-0.3349	-0.4097	*****	*****	*****	*****	*****
0.300	-0.6228	-0.5843	-0.3423	-0.3452	-0.4260	*****	*****	*****	*****	*****
0.350	-0.6422	-0.6204	-0.3909	-0.3693	-0.4378	*****	*****	*****	*****	*****
0.400	-0.6483	-0.6834	-0.4728	-0.4261	-0.4949	*****	*****	*****	*****	*****
0.450	-0.6827	-0.8339	-0.5951	-0.5555	-0.5840	*****	*****	*****	*****	*****
0.500	-0.8151	-1.0771	-0.8767	-0.7766	-0.7311	*****	*****	*****	*****	*****
0.525	*****	-1.2502	-1.0645	-0.9304	-0.8269	*****	*****	*****	*****	*****
0.550	-1.2385	-1.5055	-1.2711	-1.1107	-0.8981	*****	*****	*****	*****	*****
0.575	*****	-1.7420	-1.4860	-1.3232	-0.9537	*****	*****	*****	*****	*****
0.600	-1.9721	-1.9855	-1.7718	-1.5361	-0.9434	*****	*****	*****	*****	*****
0.625	*****	*****	-1.9859	-1.7171	-0.8879	*****	*****	*****	*****	*****
0.650	-2.5793	-2.3793	-2.2103	-1.6953	-0.7772	*****	*****	*****	*****	*****
0.675	*****	-2.3577	-2.1502	-1.5102	-0.6078	*****	*****	*****	*****	*****
0.700	-2.8225	-2.0195	-1.6076	-1.2718	-0.4529	*****	*****	*****	*****	*****
0.725	*****	-1.8167	*****	-1.0316	-0.4354	*****	*****	*****	*****	*****
0.750	-2.3595	-1.7494	*****	-0.9314	-0.4577	*****	*****	*****	*****	*****
0.775	*****	-1.7300	-1.3335	-0.9137	-0.4609	*****	*****	*****	*****	*****
0.800	-2.0909	-1.7241	-1.3285	-0.9015	*****	*****	*****	*****	*****	*****
0.825	*****	-1.7321	-1.3377	-0.8934	-0.4368	*****	*****	*****	*****	*****
0.850	-2.0168	-1.7290	-1.3656	-0.8927	-0.4109	*****	*****	*****	*****	*****
0.875	*****	-1.6862	-1.3574	-0.8880	-0.3887	*****	*****	*****	*****	*****
0.900	-1.8447	-1.6306	-1.2842	-0.8604	*****	*****	*****	*****	*****	*****
0.925	*****	-1.5974	-1.2103	-0.8216	-0.3639	*****	*****	*****	*****	*****
0.950	-1.7312	-1.5945	-1.1908	-0.8043	-0.3188	*****	*****	*****	*****	*****
0.975	*****	-1.5921	-1.1761	-0.7921	-0.2977	*****	*****	*****	*****	*****
1.000	-1.7103	-1.5889	-1.2989	-0.7654	-0.2785	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5133	0.4520	0.4095	*****	-0.3448	*****	*****	*****	*****	*****
-0.600	0.5087	0.4587	0.3886	0.1934	-0.4421	*****	*****	*****	*****	*****
-0.700	0.5059	0.4573	0.3881	0.2249	-0.5410	*****	*****	*****	*****	*****
-0.800	*****	0.4523	0.3899	0.2407	-0.5391	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3786	0.2628	-0.4631	*****	*****	*****	*****	*****
-0.900	*****	0.3798	0.3608	0.2658	-0.4251	*****	*****	*****	*****	*****
-0.950	0.3562	0.2852	0.3056	0.2580	-0.3627	*****	*****	*****	*****	*****
-0.975	0.2399	0.0164	0.1235	0.1706	-0.0808	*****	*****	*****	*****	*****
-1.000	*****	-0.2430	-0.1209	0.0138	0.0056	*****	*****	*****	*****	*****
	-1.8223	-1.6030	-1.3345	-0.7733	-0.2906	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 45 , Point No. = 969
 $C_N = 1.076$, $C_m = -0.1406$
 $\alpha = 22.6^\circ$, $M_\infty = 0.601$
 $R_{mac} = 59.7 \times 10^6$

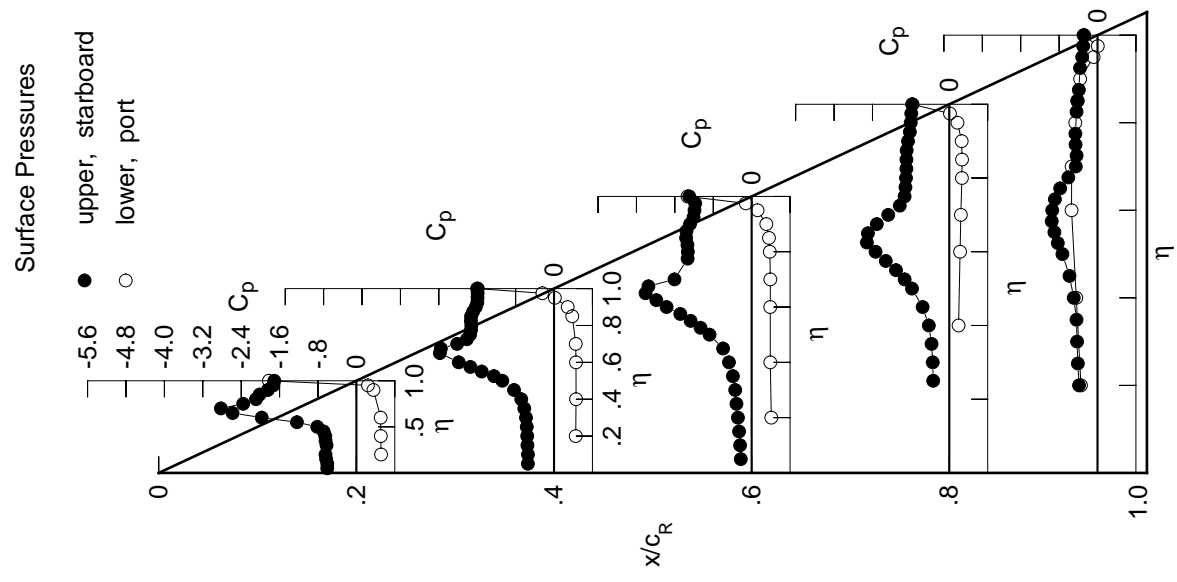
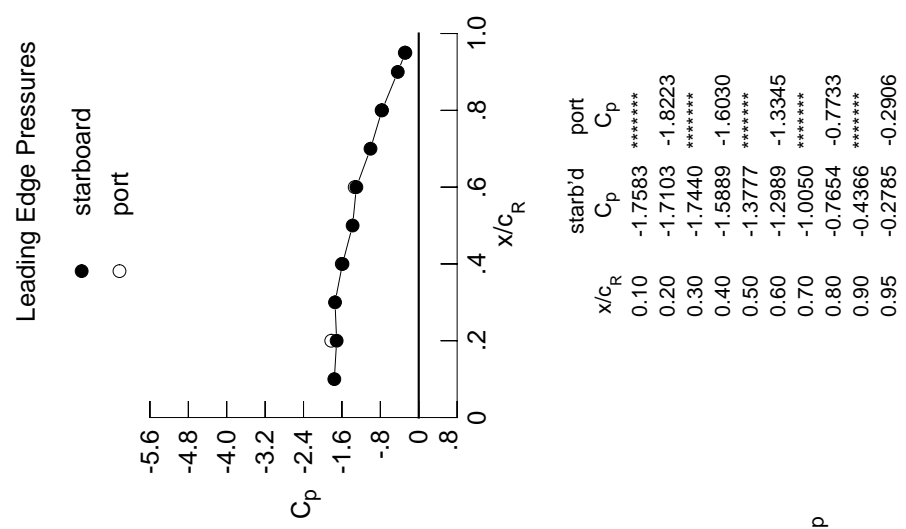
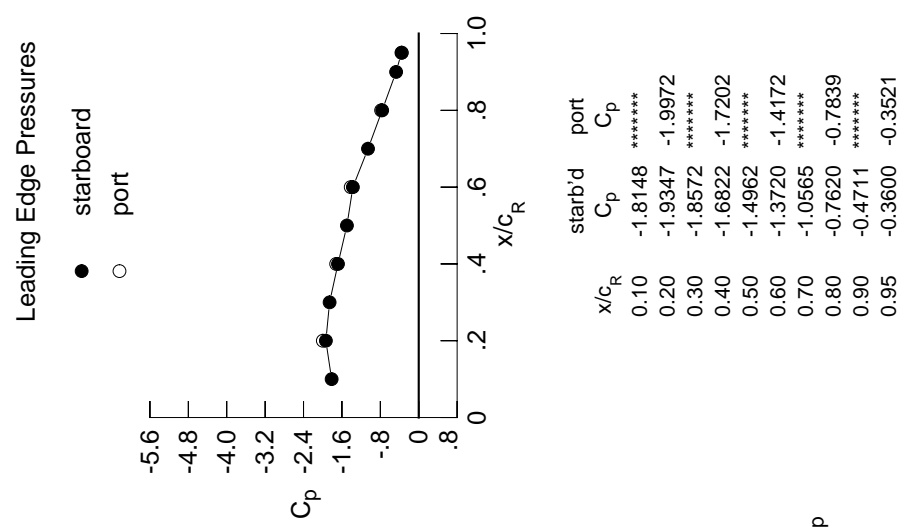


Table E2. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.7146	-0.6211	-0.2685	*****	*****	*****	*****	*****	*****	*****
0.100	-0.7306	-0.6210	-0.2850	*****	*****	*****	*****	*****	*****	*****
0.150	-0.7378	-0.6333	-0.3103	*****	*****	*****	*****	*****	*****	*****
0.200	-0.7524	-0.6294	-0.3369	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6507	-0.3787	-0.3881	-0.4415	*****	*****	*****	*****	*****
0.300	-0.7361	-0.6754	-0.4230	-0.4119	-0.4677	*****	*****	*****	*****	*****
0.350	-0.7724	-0.7342	-0.5017	-0.4632	-0.4946	*****	*****	*****	*****	*****
0.400	-0.8190	-0.8374	-0.6273	-0.5593	-0.5686	*****	*****	*****	*****	*****
0.450	-0.9428	-1.0517	-0.8048	-0.7402	-0.6795	*****	*****	*****	*****	*****
0.500	-1.2285	-1.3548	-1.1347	-1.0134	-0.8193	*****	*****	*****	*****	*****
0.525	*****	-1.5457	-1.3353	-1.1835	-0.8856	*****	*****	*****	*****	*****
0.550	-1.7842	-1.8373	-1.5447	-1.3745	-0.9048	*****	*****	*****	*****	*****
0.575	*****	-2.0758	-1.7488	-1.5869	-0.9226	*****	*****	*****	*****	*****
0.600	-2.4196	-2.3105	-2.0160	-1.7868	-0.8817	*****	*****	*****	*****	*****
0.625	*****	*****	-2.2107	-1.8591	-0.8014	*****	*****	*****	*****	*****
0.650	-2.6147	-2.6333	-2.1598	-1.6104	-0.6761	*****	*****	*****	*****	*****
0.675	*****	-2.0993	-1.6713	-1.3318	-0.5261	*****	*****	*****	*****	*****
0.700	-2.2545	-1.9774	-1.4588	-1.0646	-0.4583	*****	*****	*****	*****	*****
0.725	*****	-1.9403	*****	-0.9302	-0.4889	*****	*****	*****	*****	*****
0.750	-2.2544	-1.9259	*****	-0.8935	-0.4992	*****	*****	*****	*****	*****
0.775	*****	-1.9167	-1.3865	-0.8778	-0.4954	*****	*****	*****	*****	*****
0.800	-2.3162	-1.9210	-1.3888	-0.8672	*****	*****	*****	*****	*****	*****
0.825	*****	-1.9398	-1.4050	-0.8562	-0.4748	*****	*****	*****	*****	*****
0.850	-2.1561	-1.9248	-1.4270	-0.8532	-0.4506	*****	*****	*****	*****	*****
0.875	*****	-1.8489	-1.4020	-0.8502	-0.4379	*****	*****	*****	*****	*****
0.900	-1.9742	-1.7551	-1.3526	-0.8366	*****	*****	*****	*****	*****	*****
0.925	*****	-1.6992	-1.3147	-0.8100	-0.4129	*****	*****	*****	*****	*****
0.950	-1.9693	-1.6917	-1.3080	-0.7931	-0.3912	*****	*****	*****	*****	*****
0.975	*****	-1.6883	-1.2939	-0.7824	-0.3802	*****	*****	*****	*****	*****
1.000	-1.9347	-1.6822	-1.3720	-0.7620	-0.3600	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5636	0.4958	0.4458	*****	*****	*****	*****	*****	*****	*****
-0.600	0.5579	0.5002	0.4242	0.2243	-0.4450	*****	*****	*****	*****	*****
-0.700	0.5456	0.4957	0.4228	0.2525	-0.5354	*****	*****	*****	*****	*****
-0.800	*****	0.4853	0.4214	0.2693	-0.5271	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4020	0.2870	-0.4460	*****	*****	*****	*****	*****
-0.900	*****	0.3864	0.3748	0.2857	-0.4083	*****	*****	*****	*****	*****
-0.950	0.3516	0.2717	0.3014	0.2678	-0.3421	*****	*****	*****	*****	*****
-0.975	0.2160	-0.0119	0.0848	0.1554	-0.0748	*****	*****	*****	*****	*****
-1.000	*****	-0.3226	-0.1921	-0.0221	-0.0133	*****	*****	*****	*****	*****
	-1.9972	-1.7202	-1.4172	-0.7839	-0.3521	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 45 , Point No. = 970
 $C_N = 1.182$, $C_m = -0.1506$
 $\alpha = 24.7^\circ$, $M_\infty = 0.601$
 $R_{mac} = 59.6 \times 10^6$



Leading Edge Pressures

x/c_R	starb'd C_p	port C_p
0.10	-1.8148	*****
0.20	-1.9347	-1.9972
0.30	-1.8572	*****
0.40	-1.6822	-1.7202
0.50	-1.4962	*****
0.60	-1.3720	-1.4172
0.70	-1.0565	*****
0.80	-0.7620	-0.7839
0.90	-0.4711	*****
0.95	-0.3600	-0.3521

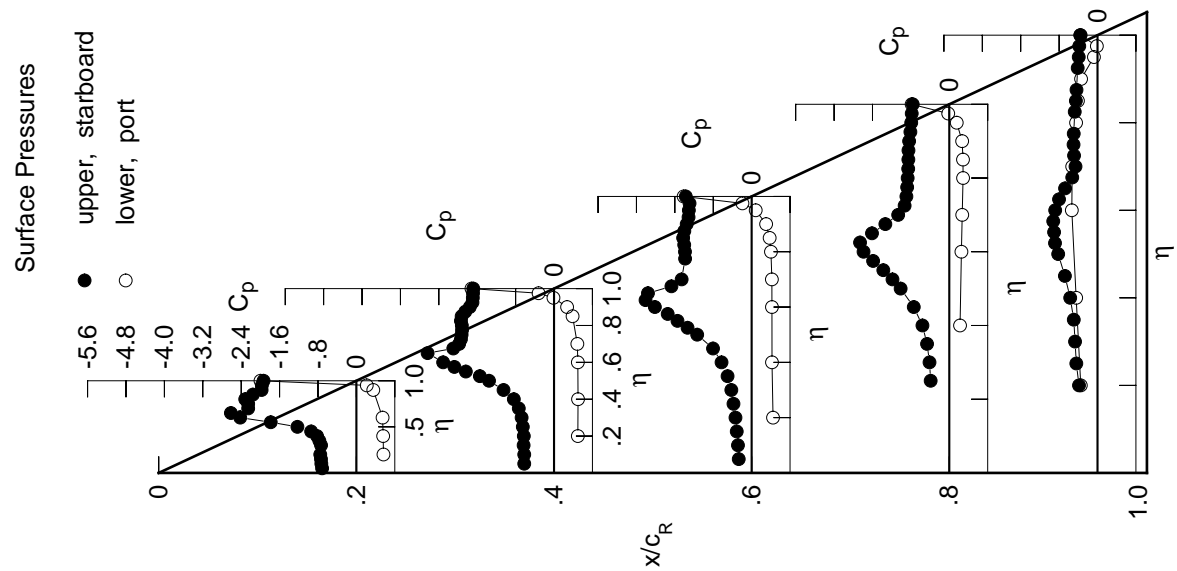
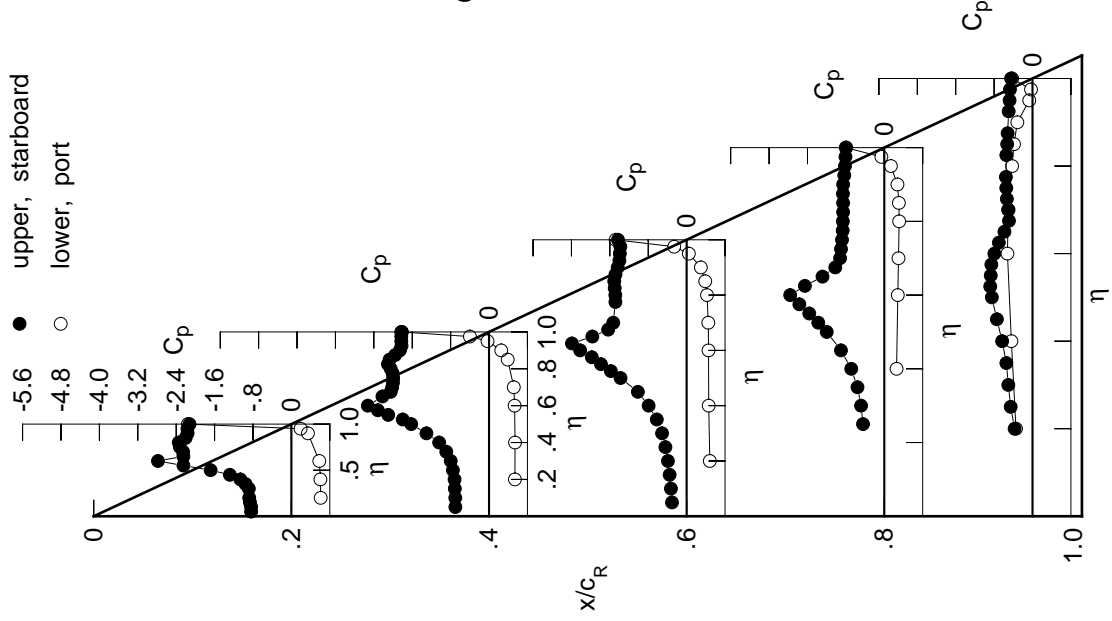


Table E2. Continued.

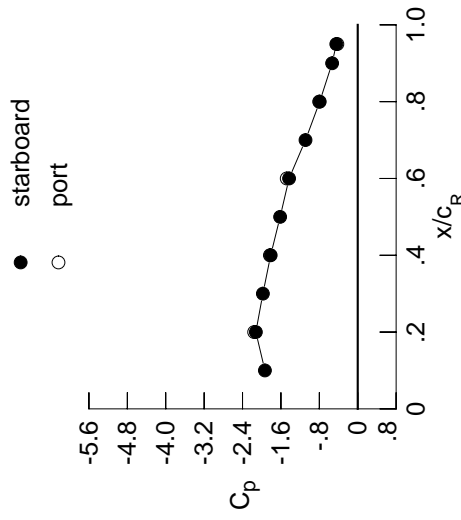
η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.8390	-0.7016	-0.3059	*****	*****
0.100	-0.8384	-0.7030	-0.3268	*****	*****
0.150	-0.8632	-0.7131	-0.3545	*****	*****
0.200	-0.8787	-0.7184	-0.3904	*****	-0.3730
0.250	*****	-0.7527	-0.4424	-0.4431	-0.4543
0.300	-0.8872	-0.7986	-0.5118	-0.4844	-0.5036
0.350	-0.9548	-0.8908	-0.6216	-0.5588	-0.5450
0.400	-1.0634	-1.0394	-0.7922	-0.6879	-0.6326
0.450	-1.2814	-1.3037	-1.0162	-0.9021	-0.7425
0.500	-1.6823	-1.6211	-1.3771	-1.1989	-0.8473
0.525	*****	-1.7978	-1.5784	-1.3755	-0.8807
0.550	-2.2489	-2.1000	-1.7849	-1.5628	-0.8707
0.575	*****	-2.3162	-1.9750	-1.7696	-0.8575
0.600	-2.7788	-2.5246	-2.2182	-1.9598	-0.7940
0.625	*****	*****	-2.3897	-1.6542	-0.7019
0.650	-2.2506	-2.2205	-1.9644	-1.2872	-0.5848
0.675	*****	-2.0481	-1.6353	-1.0204	-0.4904
0.700	-2.2571	-2.0174	-1.5289	-0.9209	-0.4993
0.725	*****	-2.0015	*****	-0.9019	-0.5347
0.750	-2.3221	-1.9965	*****	-0.8808	-0.5463
0.775	*****	-2.0067	-1.4839	-0.8663	-0.5547
0.800	-2.3463	-2.0489	-1.4855	-0.8634	*****
0.825	*****	-2.1055	-1.4980	-0.8573	-0.5457
0.850	-2.2034	-2.0717	-1.5080	-0.8583	-0.5269
0.875	*****	-1.9543	-1.4821	-0.8609	-0.5188
0.900	-2.1632	-1.8569	-1.4360	-0.8570	*****
0.925	*****	-1.8233	-1.4007	-0.8339	-0.4970
0.950	-2.1644	-1.8282	-1.3923	-0.8181	-0.4773
0.975	*****	-1.8279	-1.3809	-0.8089	-0.4704
1.000	-2.1227	-1.8136	-1.4302	-0.7920	-0.4464
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6108	0.5391	0.4824	*****	-0.3439
-0.400	0.6044	0.5420	0.4603	0.2559	-0.4402
-0.600	0.5819	0.5328	0.4557	0.2818	-0.5220
-0.700	*****	0.5164	0.4510	0.2962	-0.5077
-0.800	*****	*****	0.4240	0.3094	-0.4248
-0.850	*****	0.3892	0.3871	0.3043	-0.3857
-0.900	0.3446	0.2540	0.2964	0.2748	-0.3161
-0.950	0.1913	-0.0324	0.0460	0.1375	-0.0682
-0.975	*****	-0.3995	-0.2594	-0.0606	-0.0312
-1.000	-2.1573	-1.8296	-1.4792	-0.8029	-0.4245

Surface Pressures



Small Radius L.E.
 Run No. = 45, Point No. = 971
 $C_N = 1.285$, $C_m = -0.1626$
 $\alpha = 26.7^\circ$, $M_\infty = 0.601$
 $R_{mac} = 59.7 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.9332	*****
0.20	-2.1227	-2.1573
0.30	-1.9759	*****
0.40	-1.8136	-1.8296
0.50	-1.6165	*****
0.60	-1.4302	-1.4792
0.70	-1.0881	*****
0.80	-0.7920	-0.8029
0.90	-0.5336	*****
0.95	-0.4464	-0.4245

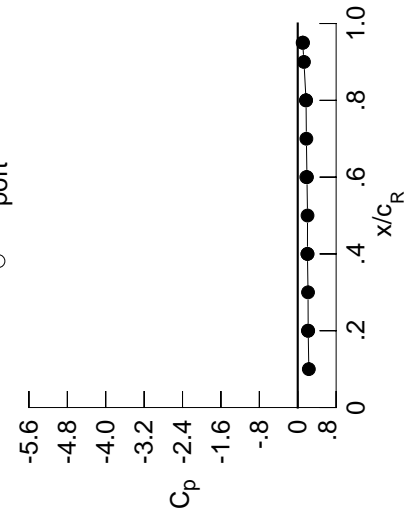
Table E2. Concluded.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0064	0.0076	0.1117	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0024	0.0071	0.1013	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0069	0.0099	0.0875	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0109	0.0111	0.0751	*****	*****	*****	*****	*****	*****	*****
0.250	*****	0.0070	0.0609	-0.0925	-0.3008	*****	*****	*****	*****	*****
0.300	-0.0131	0.0063	0.0508	-0.0821	-0.3297	*****	*****	*****	*****	*****
0.350	-0.0229	0.0059	0.0419	-0.0753	-0.3406	*****	*****	*****	*****	*****
0.400	-0.0271	0.0036	0.0363	-0.0633	-0.3577	*****	*****	*****	*****	*****
0.450	-0.0344	-0.0028	0.0440	-0.0613	-0.3633	*****	*****	*****	*****	*****
0.500	-0.0387	0.0004	0.0178	-0.0597	-0.3684	*****	*****	*****	*****	*****
0.525	*****	-0.0033	0.0180	-0.0613	-0.3709	*****	*****	*****	*****	*****
0.550	-0.0452	-0.0104	0.0131	-0.0588	-0.3702	*****	*****	*****	*****	*****
0.575	*****	-0.0119	0.0212	-0.0574	-0.3742	*****	*****	*****	*****	*****
0.600	-0.0460	-0.0135	0.0051	-0.0598	-0.3731	*****	*****	*****	*****	*****
0.625	*****	*****	0.0091	-0.0589	-0.3742	*****	*****	*****	*****	*****
0.650	-0.0447	-0.0185	0.0012	-0.0609	-0.3694	*****	*****	*****	*****	*****
0.675	*****	-0.0284	-0.0050	-0.0637	-0.3638	*****	*****	*****	*****	*****
0.700	-0.0370	-0.0332	-0.0051	-0.0623	-0.3681	*****	*****	*****	*****	*****
0.725	*****	-0.0402	*****	-0.0633	-0.3690	*****	*****	*****	*****	*****
0.750	-0.0286	-0.0476	*****	-0.0636	-0.3711	*****	*****	*****	*****	*****
0.775	*****	-0.0530	-0.0280	-0.0731	-0.3677	*****	*****	*****	*****	*****
0.800	-0.0080	-0.0559	-0.0379	-0.0794	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0543	-0.0476	-0.0778	-0.3959	*****	*****	*****	*****	*****
0.850	0.0238	-0.0481	-0.0564	-0.0900	-0.3936	*****	*****	*****	*****	*****
0.875	*****	-0.0354	-0.0571	-0.1027	-0.4736	*****	*****	*****	*****	*****
0.900	0.0657	-0.0136	-0.0532	-0.1074	*****	*****	*****	*****	*****	*****
0.925	*****	0.0204	-0.0337	-0.0949	-1.2302	*****	*****	*****	*****	*****
0.950	0.1040	0.0458	-0.0002	-0.0686	-0.4363	*****	*****	*****	*****	*****
0.975	*****	0.0911	0.0672	-0.0029	-0.2036	*****	*****	*****	*****	*****
1.000	0.2177	0.2022	0.1921	0.1731	0.1026	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	-0.0228	-0.0022	0.0563	*****	-0.3395	*****	*****	*****	*****	*****
-0.600	-0.0514	-0.0055	0.0169	-0.0841	-0.3574	*****	*****	*****	*****	*****
-0.700	-0.0750	-0.0255	-0.0076	-0.0711	-0.3774	*****	*****	*****	*****	*****
-0.800	*****	-0.0584	-0.0280	-0.0760	-0.3868	*****	*****	*****	*****	*****
-0.850	*****	*****	-0.0707	-0.0928	-0.3936	*****	*****	*****	*****	*****
-0.900	*****	-0.0853	-0.0947	-0.1243	-0.4405	*****	*****	*****	*****	*****
-0.950	-0.0137	-0.0560	-0.0965	-0.1522	-0.6083	*****	*****	*****	*****	*****
-0.975	0.0237	0.0044	-0.0452	-0.1175	-0.4765	*****	*****	*****	*****	*****
-1.000	0.2126	0.2035	0.1784	0.1728	0.1102	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 45 , Point No. = 972
 $C_N = -0.015$, $C_m = 0.0005$
 $\alpha = -0.3^\circ$, $M_\infty = 0.600$
 $R_{mac} = 60.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2312	*****
0.20	0.2177	0.2126
0.30	0.2145	*****
0.40	0.2022	0.2035
0.50	0.2039	*****
0.60	0.1921	0.1784
0.70	0.1802	*****
0.80	0.1731	0.1728
0.90	0.1298	*****
0.95	0.1026	0.1102

Surface Pressures

● upper, starboard
 ○ lower, port

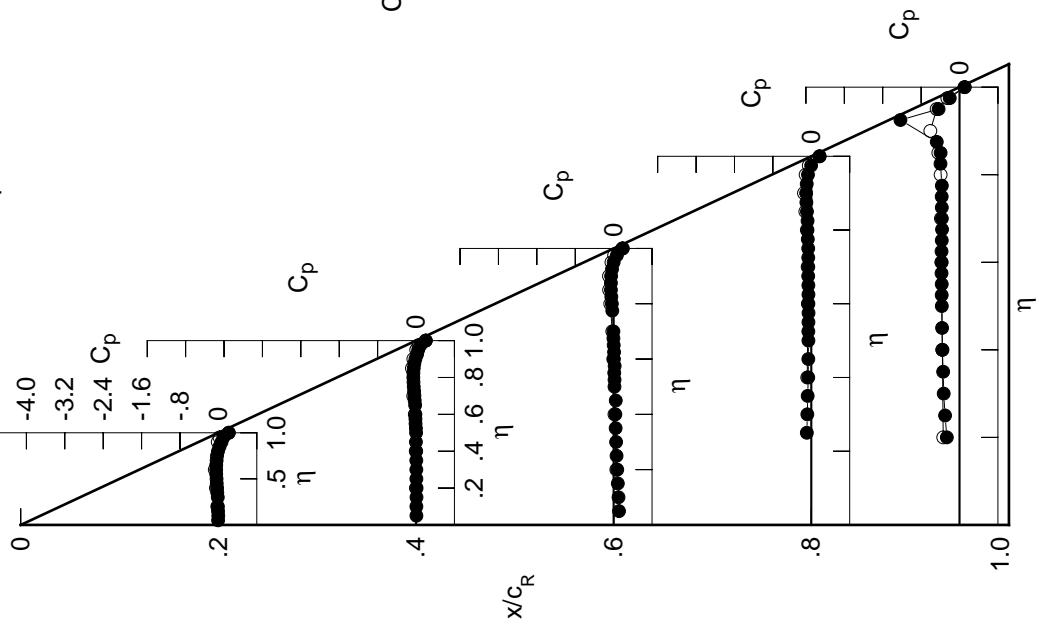


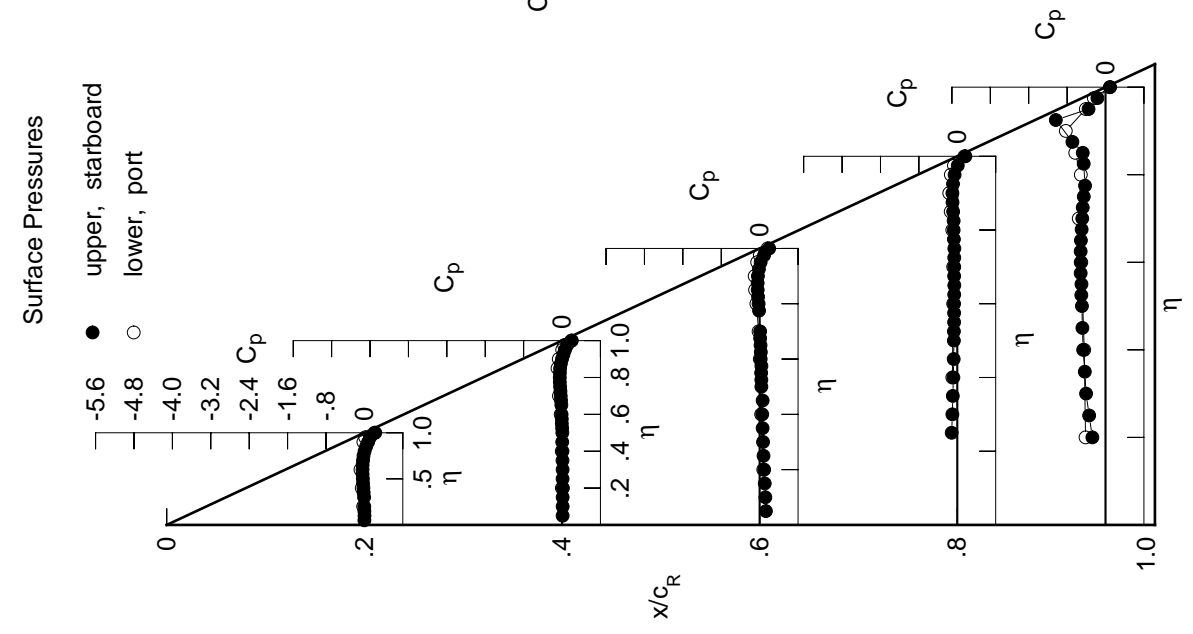
Table E3. Tabulations and Plots of Surface Pressure Coefficients.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0001	0.0118	0.1300	0.1300	0.1300	0.1300	0.1300	0.1300	0.1300	0.1300
0.100	0.0027	0.0131	0.1192	0.1192	0.1192	0.1192	0.1192	0.1192	0.1192	0.1192
0.150	0.0003	0.0132	0.1064	0.1064	0.1064	0.1064	0.1064	0.1064	0.1064	0.1064
0.200	-0.0027	0.0173	0.0945	0.0945	0.0945	0.0945	0.0945	0.0945	0.0945	0.0945
0.250	0.0000	0.0111	0.0806	0.0806	0.0806	0.0806	0.0806	0.0806	0.0806	0.0806
0.300	-0.0065	0.0119	0.0715	0.0715	0.0715	0.0715	0.0715	0.0715	0.0715	0.0715
0.350	-0.0156	0.0098	0.0615	0.0615	0.0615	0.0615	0.0615	0.0615	0.0615	0.0615
0.400	-0.0201	0.0089	0.0533	0.0533	0.0533	0.0533	0.0533	0.0533	0.0533	0.0533
0.450	-0.0284	0.0043	0.0623	0.0623	0.0623	0.0623	0.0623	0.0623	0.0623	0.0623
0.500	-0.0323	0.0060	0.0362	0.0362	0.0362	0.0362	0.0362	0.0362	0.0362	0.0362
0.525	0.0000	0.0025	0.0353	0.0353	0.0353	0.0353	0.0353	0.0353	0.0353	0.0353
0.550	-0.0374	-0.0049	0.0313	0.0313	0.0313	0.0313	0.0313	0.0313	0.0313	0.0313
0.575	0.0000	-0.0055	0.0370	0.0370	0.0370	0.0370	0.0370	0.0370	0.0370	0.0370
0.600	-0.0384	-0.0096	0.0215	0.0215	0.0215	0.0215	0.0215	0.0215	0.0215	0.0215
0.625	0.0000	0.0000	0.0246	0.0246	0.0246	0.0246	0.0246	0.0246	0.0246	0.0246
0.650	-0.0374	-0.0143	0.0185	0.0185	0.0185	0.0185	0.0185	0.0185	0.0185	0.0185
0.675	0.0000	-0.0207	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106
0.700	-0.0292	-0.0273	0.0104	0.0104	0.0104	0.0104	0.0104	0.0104	0.0104	0.0104
0.725	0.0000	-0.0330	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.750	-0.0185	-0.0409	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.775	0.0000	-0.0462	-0.0124	-0.0124	-0.0124	-0.0124	-0.0124	-0.0124	-0.0124	-0.0124
0.800	0.0036	-0.0469	-0.0215	-0.0215	-0.0215	-0.0215	-0.0215	-0.0215	-0.0215	-0.0215
0.825	0.0000	-0.0451	-0.0328	-0.0328	-0.0328	-0.0328	-0.0328	-0.0328	-0.0328	-0.0328
0.850	0.0364	-0.0389	-0.0404	-0.0404	-0.0404	-0.0404	-0.0404	-0.0404	-0.0404	-0.0404
0.875	0.0000	-0.0249	-0.0413	-0.0413	-0.0413	-0.0413	-0.0413	-0.0413	-0.0413	-0.0413
0.900	0.0787	-0.0011	-0.0357	-0.0357	-0.0357	-0.0357	-0.0357	-0.0357	-0.0357	-0.0357
0.925	0.0000	0.0295	-0.0152	-0.0152	-0.0152	-0.0152	-0.0152	-0.0152	-0.0152	-0.0152
0.950	0.1173	0.0614	0.0210	0.0210	0.0210	0.0210	0.0210	0.0210	0.0210	0.0210
0.975	0.0000	0.1066	0.0915	0.0915	0.0915	0.0915	0.0915	0.0915	0.0915	0.0915
1.000	0.2267	0.2036	0.1983	0.1983	0.1983	0.1983	0.1983	0.1983	0.1983	0.1983
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	-0.0258	-0.0034	0.0761	0.0761	0.0761	0.0761	0.0761	0.0761	0.0761	0.0761
-0.600	-0.0555	-0.0058	0.0310	0.0310	0.0310	0.0310	0.0310	0.0310	0.0310	0.0310
-0.700	-0.0813	-0.0281	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035
-0.800	0.0000	-0.0647	-0.0216	-0.0216	-0.0216	-0.0216	-0.0216	-0.0216	-0.0216	-0.0216
-0.850	0.0000	0.0000	-0.0674	-0.0674	-0.0674	-0.0674	-0.0674	-0.0674	-0.0674	-0.0674
-0.900	0.0000	-0.0936	-0.0952	-0.0952	-0.0952	-0.0952	-0.0952	-0.0952	-0.0952	-0.0952
-0.950	-0.0209	-0.0677	-0.1032	-0.1032	-0.1032	-0.1032	-0.1032	-0.1032	-0.1032	-0.1032
-0.975	0.0161	0.0028	-0.0513	-0.0513	-0.0513	-0.0513	-0.0513	-0.0513	-0.0513	-0.0513
-1.000	0.2116	0.1939	0.1648	0.1648	0.1648	0.1648	0.1648	0.1648	0.1648	0.1648

Small Radius L.E.
 Run No. = 46 , Point No. = 973
 $C_N = -0.026$, $C_m = 0.0030$
 $\alpha = -0.6^\circ$, $M_\infty = 0.801$
 $R_{mac} = 59.7 \times 10^6$

Surface Pressures
 ● upper, starboard
 ○ lower, port

Leading Edge Pressures
 ● starboard
 ○ port

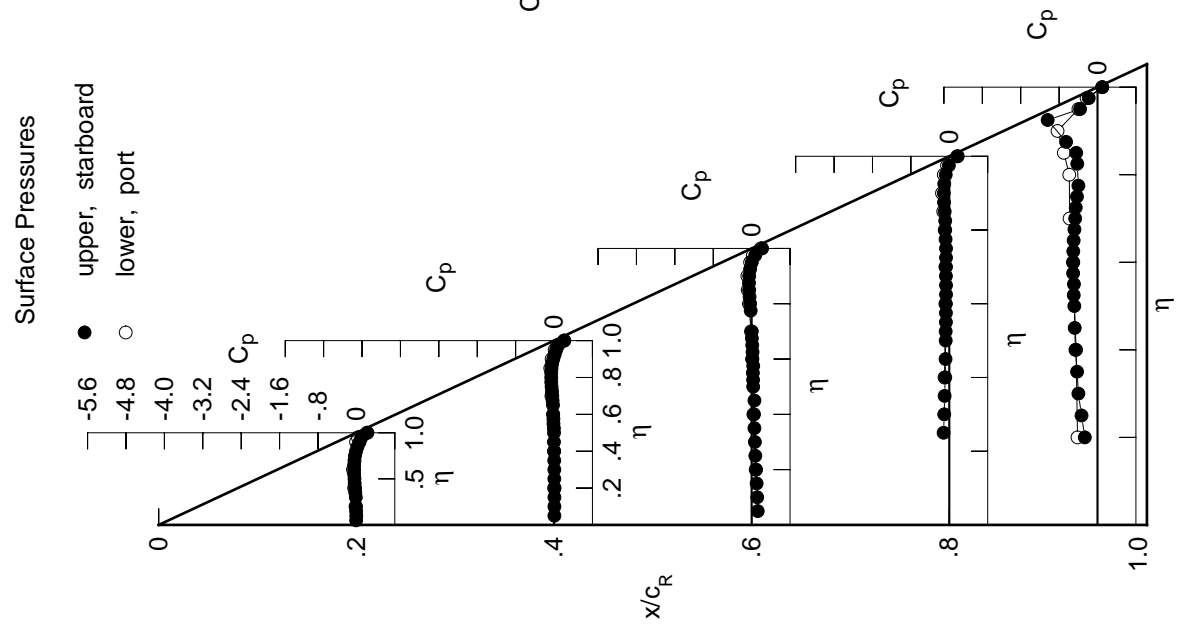


x/c_R	starb'd C_p	port C_p
0.10	0.2388	0.2116
0.20	0.2267	0.2116
0.30	0.2181	0.2116
0.40	0.2036	0.1939
0.50	0.2078	0.2078
0.60	0.1983	0.1648
0.70	0.1804	0.1648
0.80	0.1685	0.1485
0.90	0.1238	0.1238
0.95	0.0931	0.0922

Table E3. Continued.

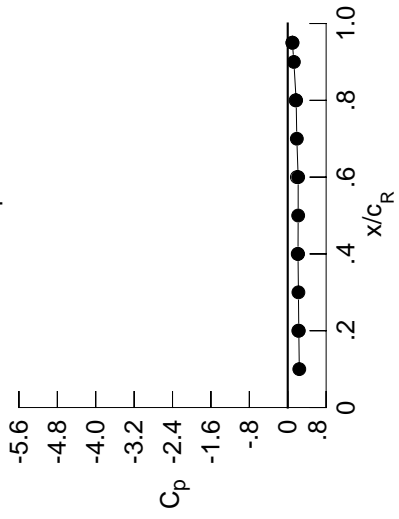
η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0050	0.0070	0.1263	0.1263	0.1263	0.1263	0.1263	0.1263	0.1263	0.1263
0.100	-0.0021	0.0079	0.1162	0.1162	0.1162	0.1162	0.1162	0.1162	0.1162	0.1162
0.150	-0.0062	0.0080	0.1036	0.1036	0.1036	0.1036	0.1036	0.1036	0.1036	0.1036
0.200	-0.0089	0.0116	0.0915	0.0915	0.0915	0.0915	0.0915	0.0915	0.0915	0.0915
0.250	0.0000	0.0056	0.0768	0.0768	0.0768	0.0768	0.0768	0.0768	0.0768	0.0768
0.300	-0.0121	0.0064	0.0673	0.0673	0.0673	0.0673	0.0673	0.0673	0.0673	0.0673
0.350	-0.0221	0.0044	0.0577	0.0577	0.0577	0.0577	0.0577	0.0577	0.0577	0.0577
0.400	-0.0270	0.0026	0.0490	0.0490	0.0490	0.0490	0.0490	0.0490	0.0490	0.0490
0.450	-0.0360	-0.0018	0.0583	0.0583	0.0583	0.0583	0.0583	0.0583	0.0583	0.0583
0.500	-0.0400	-0.0007	0.0318	0.0318	0.0318	0.0318	0.0318	0.0318	0.0318	0.0318
0.525	0.0000	-0.0034	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303	0.0303
0.550	-0.0460	-0.0122	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258	0.0258
0.575	0.0000	-0.0128	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324
0.600	-0.0472	-0.0171	0.0163	0.0163	0.0163	0.0163	0.0163	0.0163	0.0163	0.0163
0.625	0.0000	0.0000	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192	0.0192
0.650	-0.0472	-0.0213	0.0127	0.0127	0.0127	0.0127	0.0127	0.0127	0.0127	0.0127
0.675	0.0000	-0.0297	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
0.700	-0.0399	-0.0362	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034
0.725	0.0000	-0.0425	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.750	-0.0294	-0.0508	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.775	0.0000	-0.0573	-0.0203	-0.0203	-0.0203	-0.0203	-0.0203	-0.0203	-0.0203	-0.0203
0.800	-0.0082	-0.0587	-0.0309	-0.0309	-0.0309	-0.0309	-0.0309	-0.0309	-0.0309	-0.0309
0.825	0.0000	-0.0581	-0.0431	-0.0431	-0.0431	-0.0431	-0.0431	-0.0431	-0.0431	-0.0431
0.850	0.0239	-0.0526	-0.0524	-0.0524	-0.0524	-0.0524	-0.0524	-0.0524	-0.0524	-0.0524
0.875	0.0000	-0.0399	-0.0552	-0.0552	-0.0552	-0.0552	-0.0552	-0.0552	-0.0552	-0.0552
0.900	0.0663	-0.0149	-0.0504	-0.0504	-0.0504	-0.0504	-0.0504	-0.0504	-0.0504	-0.0504
0.925	0.0000	0.0139	-0.0318	-0.0318	-0.0318	-0.0318	-0.0318	-0.0318	-0.0318	-0.0318
0.950	0.1045	0.0451	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028
0.975	0.0000	0.0898	0.0734	0.0734	0.0734	0.0734	0.0734	0.0734	0.0734	0.0734
1.000	0.2307	0.2141	0.2173	0.2173	0.2173	0.2173	0.2173	0.2173	0.2173	0.2173
-0.200	-0.0179	0.0023	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854
-0.400	-0.0475	0.0004	0.0358	0.0358	0.0358	0.0358	0.0358	0.0358	0.0358	0.0358
-0.600	-0.0710	-0.0201	0.0098	0.0098	0.0098	0.0098	0.0098	0.0098	0.0098	0.0098
-0.700	0.0000	-0.0546	-0.0134	-0.0134	-0.0134	-0.0134	-0.0134	-0.0134	-0.0134	-0.0134
-0.800	0.0000	0.0000	-0.0568	-0.0568	-0.0568	-0.0568	-0.0568	-0.0568	-0.0568	-0.0568
-0.850	0.0000	-0.0784	-0.0816	-0.0816	-0.0816	-0.0816	-0.0816	-0.0816	-0.0816	-0.0816
-0.900	-0.0070	-0.0499	-0.0888	-0.0888	-0.0888	-0.0888	-0.0888	-0.0888	-0.0888	-0.0888
-0.950	0.0303	0.0129	-0.0309	-0.0309	-0.0309	-0.0309	-0.0309	-0.0309	-0.0309	-0.0309
-0.975	0.0000	0.0639	0.0255	0.0255	0.0255	0.0255	0.0255	0.0255	0.0255	0.0255
-1.000	0.2202	0.2080	0.1905	0.1905	0.1905	0.1905	0.1905	0.1905	0.1905	0.1905

Small Radius L.E.
 Run No. = 46 , Point No. = 974
 $C_N = -0.013$, $C_m = 0.0007$
 $\alpha = -0.3^\circ$, $M_\infty = 0.801$
 $R_{mac} = 59.7 \times 10^6$



Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	0.2411	0.2080
0.20	0.2307	0.2202
0.30	0.2227	0.2202
0.40	0.2141	0.2080
0.50	0.2174	0.2174
0.60	0.2173	0.1905
0.70	0.1893	0.1893
0.80	0.1753	0.1643
0.90	0.1278	0.1278
0.95	0.0966	0.0966

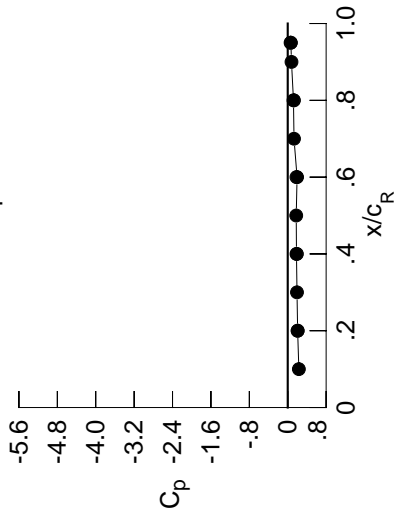
Table E3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0244	-0.0117	0.1146	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0224	-0.0092	0.1039	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0260	-0.0090	0.0913	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0295	-0.0063	0.0785	*****	*****	*****	*****	*****	*****	-0.2645
0.250	*****	-0.0116	0.0647	-0.1304	-0.3282	*****	*****	*****	*****	*****
0.300	-0.0320	-0.0113	0.0541	-0.1161	-0.3901	*****	*****	*****	*****	*****
0.350	-0.0434	-0.0140	0.0436	-0.1080	-0.4144	*****	*****	*****	*****	*****
0.400	-0.0503	-0.0157	0.0350	-0.0959	-0.4466	*****	*****	*****	*****	*****
0.450	-0.0603	-0.0217	0.0435	-0.0908	-0.4598	*****	*****	*****	*****	*****
0.500	-0.0667	-0.0216	0.0156	-0.0869	-0.4686	*****	*****	*****	*****	*****
0.525	*****	-0.0250	0.0139	-0.0875	-0.4783	*****	*****	*****	*****	*****
0.550	-0.0747	-0.0343	0.0103	-0.0839	-0.4745	*****	*****	*****	*****	*****
0.575	*****	-0.0361	0.0142	-0.0844	-0.4888	*****	*****	*****	*****	*****
0.600	-0.0782	-0.0410	-0.0023	-0.0855	-0.4845	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0010	-0.0836	-0.4817	*****	*****	*****	*****	*****
0.650	-0.0808	-0.0479	-0.0074	-0.0832	-0.4721	*****	*****	*****	*****	*****
0.675	*****	-0.0570	-0.0165	-0.0874	-0.4532	*****	*****	*****	*****	*****
0.700	-0.0751	-0.0661	-0.0199	-0.0857	-0.4349	*****	*****	*****	*****	*****
0.725	*****	-0.0749	*****	-0.0876	-0.4160	*****	*****	*****	*****	*****
0.750	-0.0678	-0.0860	*****	-0.0879	-0.3815	*****	*****	*****	*****	*****
0.775	*****	-0.0945	-0.0483	-0.1000	-0.3373	*****	*****	*****	*****	*****
0.800	-0.0476	-0.0999	-0.0628	-0.1093	*****	*****	*****	*****	*****	*****
0.825	*****	-0.1028	-0.0797	-0.1113	-0.3415	*****	*****	*****	*****	*****
0.850	-0.0181	-0.0997	-0.0945	-0.1294	-0.3780	*****	*****	*****	*****	*****
0.875	*****	-0.0906	-0.1024	-0.1494	-0.5562	*****	*****	*****	*****	*****
0.900	0.0233	-0.0688	-0.1036	-0.1626	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0417	-0.0905	-0.1607	-1.0517	*****	*****	*****	*****	*****
0.950	0.0590	-0.0138	-0.0607	-0.1372	-0.3995	*****	*****	*****	*****	*****
0.975	*****	0.0286	0.0066	-0.0790	-0.2354	*****	*****	*****	*****	*****
1.000	0.2063	0.1821	0.1946	0.1196	0.0655	*****	*****	*****	*****	*****
η	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0031	0.0199	0.0994	*****	*****	-0.4192	*****	*****	*****	*****
-0.400	-0.0239	0.0192	0.0511	-0.0871	-0.4630	*****	*****	*****	*****	*****
-0.600	-0.0401	0.0039	0.0283	-0.0657	-0.5517	*****	*****	*****	*****	*****
-0.700	*****	-0.0253	0.0095	-0.0622	-0.6693	*****	*****	*****	*****	*****
-0.800	*****	*****	-0.0246	-0.0688	-0.7058	*****	*****	*****	*****	*****
-0.850	*****	-0.0324	-0.0399	-0.0936	-0.7401	*****	*****	*****	*****	*****
-0.900	0.0340	0.0020	-0.0346	-0.1054	-0.8617	*****	*****	*****	*****	*****
-0.950	0.0713	0.0446	0.0294	-0.0534	-0.3631	*****	*****	*****	*****	*****
-0.975	*****	0.1196	0.0892	0.0190	-0.1783	*****	*****	*****	*****	*****
-1.000	0.2065	0.1904	0.1818	0.1298	0.0593	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 46 , Point No. = 975
 $C_N = 0.026$, $C_m = -0.0045$
 $\alpha = 0.8^\circ$, $M_\infty = 0.800$
 $R_{mac} = 59.7 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2317	*****
0.20	0.2063	0.2065
0.30	0.1931	*****
0.40	0.1821	0.1904
0.50	0.1769	*****
0.60	0.1946	0.1818
0.70	0.1307	*****
0.80	0.1196	0.1298
0.90	0.0783	*****
0.95	0.0655	0.0593

Surface Pressures
 ● upper, starboard
 ○ lower, port

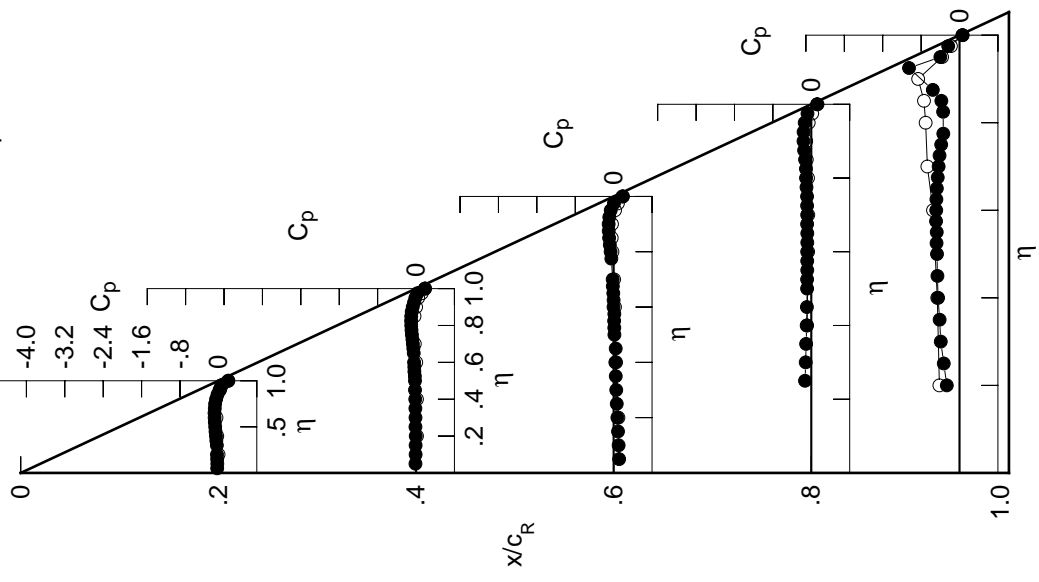


Table E3. Continued.

η	x/c_R .2	$C_{p,u}$	x/c_R .4	$C_{p,u}$	x/c_R .6	$C_{p,u}$	x/c_R .8	$C_{p,u}$	x/c_R .95	$C_{p,u}$
0.050		-0.0449	-0.0272	0.1009	0.1009	0.1009	0.1009	0.1009	0.1009	0.1009
0.100		-0.0428	-0.0270	0.0912	0.0912	0.0912	0.0912	0.0912	0.0912	0.0912
0.150		-0.0469	-0.0267	0.0776	0.0776	0.0776	0.0776	0.0776	0.0776	0.0776
0.200		-0.0500	-0.0245	0.0651	0.0651	0.0651	0.0651	0.0651	0.0651	0.0651
0.250		*****	-0.0292	0.0499	0.0499	0.0499	0.0499	0.0499	0.0499	-0.2626
0.300		-0.0526	-0.0305	0.0399	0.0399	0.0399	0.0399	0.0399	0.0399	-0.3207
0.350		-0.0660	-0.0335	0.0285	0.0285	0.0285	0.0285	0.0285	0.0285	-0.3792
0.400		-0.0741	-0.0360	0.0193	0.0193	0.0193	0.0193	0.0193	0.0193	-0.4018
0.450		-0.0863	-0.0426	0.0270	0.0270	0.0270	0.0270	0.0270	0.0270	-0.4444
0.500		-0.0939	-0.0434	-0.0019	-0.0019	-0.0019	-0.0019	-0.0019	-0.0019	-0.4497
0.525		*****	-0.0479	-0.0040	-0.0040	-0.0099	-0.0099	-0.0099	-0.0099	-0.4580
0.550		-0.1039	-0.0572	-0.0083	-0.0083	-0.0097	-0.0097	-0.0097	-0.0097	-0.4532
0.575		*****	-0.0609	-0.0053	-0.0053	-0.0987	-0.0987	-0.0987	-0.0987	-0.4651
0.600		-0.1103	-0.0658	-0.0217	-0.0217	-0.1003	-0.1003	-0.1003	-0.1003	-0.4616
0.625		*****	*****	-0.0213	-0.0213	-0.0980	-0.0980	-0.0980	-0.0980	-0.4593
0.650		-0.1154	-0.0741	-0.0293	-0.0293	-0.0990	-0.0990	-0.0990	-0.0990	-0.4485
0.675		*****	-0.0861	-0.0399	-0.0399	-0.1044	-0.1044	-0.1044	-0.1044	-0.4300
0.700		-0.1125	-0.0978	-0.0433	-0.0433	-0.1034	-0.1034	-0.1034	-0.1034	-0.4111
0.725		*****	-0.1080	*****	*****	-0.1065	-0.1065	-0.1065	-0.1065	-0.3884
0.750		-0.1073	-0.1228	*****	*****	-0.1090	-0.1090	-0.1090	-0.1090	-0.3477
0.775		*****	-0.1346	-0.0792	-0.0792	-0.1240	-0.1240	-0.1240	-0.1240	-0.2936
0.800		-0.0909	-0.1430	-0.0979	-0.0979	-0.1358	-0.1358	-0.1358	-0.1358	*****
0.825		*****	-0.1501	-0.1196	-0.1196	-0.1405	-0.1405	-0.1405	-0.1405	-0.2842
0.850		-0.0643	-0.1514	-0.1394	-0.1394	-0.1640	-0.1640	-0.1640	-0.1640	-0.3328
0.875		*****	-0.1457	-0.1549	-0.1549	-0.1922	-0.1922	-0.1922	-0.1922	-0.4870
0.900		-0.0265	-0.1287	-0.1625	-0.1625	-0.2140	-0.2140	-0.2140	-0.2140	*****
0.925		*****	-0.1049	-0.1567	-0.1567	-0.2226	-0.2226	-0.2226	-0.2226	-1.0664
0.950		0.0045	-0.0829	-0.1347	-0.1347	-0.2099	-0.2099	-0.2099	-0.2099	-0.4417
0.975		*****	-0.0480	-0.0781	-0.0781	-0.1638	-0.1638	-0.1638	-0.1638	-0.2982
1.000		0.1294	0.0539	0.0419	0.0419	0.0618	0.0618	0.0618	0.0618	-0.0460
-0.200		$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400		0.0238	0.0373	0.1124	0.1124	0.1124	0.1124	0.1124	0.1124	-0.4250
-0.600		-0.0006	0.0390	0.0661	0.0661	-0.0747	-0.0747	-0.0747	-0.0747	-0.4772
-0.700		-0.0106	0.0274	0.0470	0.0470	-0.0520	-0.0520	-0.0520	-0.0520	-0.5794
-0.800		*****	0.0030	0.0312	0.0312	-0.0443	-0.0443	-0.0443	-0.0443	-0.7055
-0.850		*****	0.0100	-0.0026	-0.0026	-0.0627	-0.0627	-0.0627	-0.0627	-0.7252
-0.900		0.0713	0.0480	0.0112	0.0112	-0.0630	-0.0630	-0.0630	-0.0630	-0.8202
-0.950		0.1093	0.0739	0.0786	0.0786	-0.0021	-0.0021	-0.0021	-0.0021	-0.3326
-0.975		*****	0.1609	0.1364	0.1364	0.0701	0.0701	0.0701	0.0701	-0.1368
-1.000		0.1305	0.0665	0.0317	0.0317	-0.0588	-0.0588	-0.0588	-0.0588	-0.0878

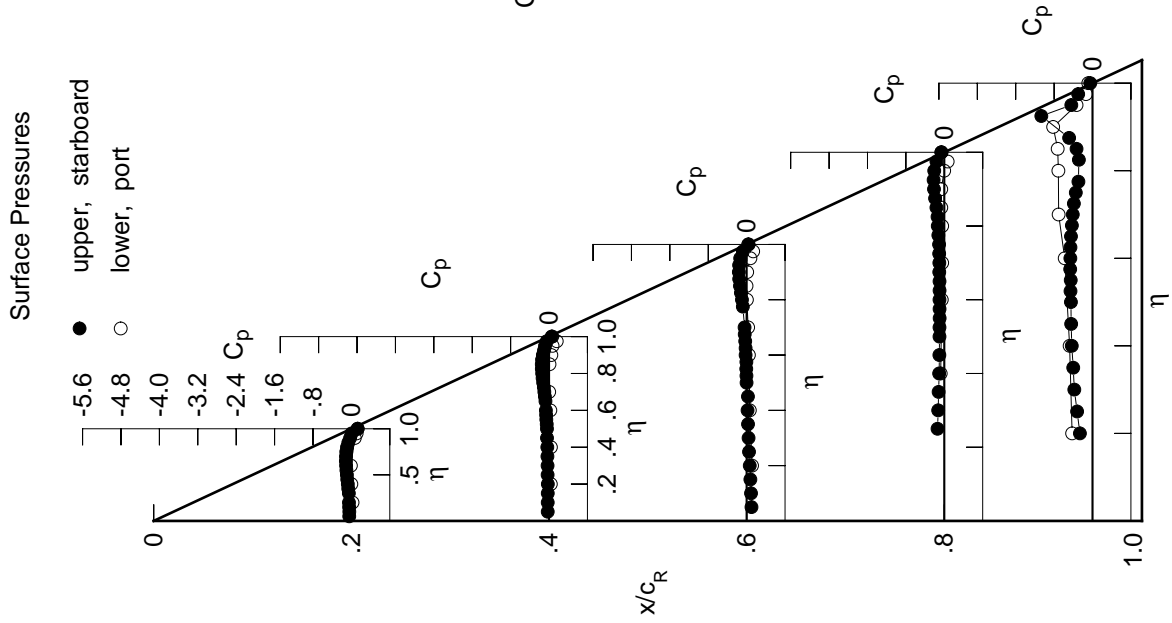
Small Radius L.E.

Run No. = 46 , Point No. = 976

$C_N = 0.066$, $C_m = -0.0104$

$\alpha = 1.8^\circ$, $M_\infty = 0.800$

$R_{mac} = 59.7 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.1884	*****
0.20	0.1294	0.1305
0.30	0.0904	*****
0.40	0.0539	0.0665
0.50	0.0138	*****
0.60	0.0419	0.0317
0.70	-0.0648	*****
0.80	-0.0618	-0.0588
0.90	-0.0797	*****
0.95	-0.0460	-0.0878

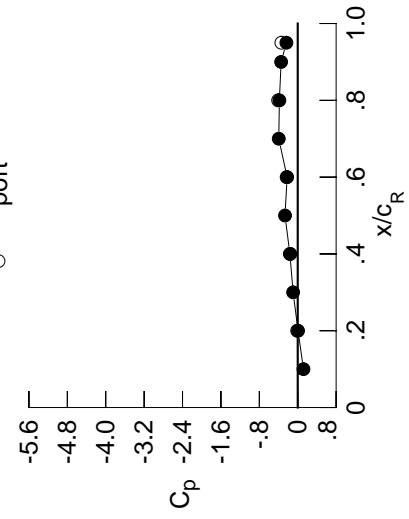
Table E3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0644	-0.0457	0.0887	0.0887	0.0887	0.0887	0.0887	0.0887	0.0887	0.0887
0.100	-0.0629	-0.0458	0.0774	0.0774	0.0774	0.0774	0.0774	0.0774	0.0774	0.0774
0.150	-0.0668	-0.0444	0.0642	0.0642	0.0642	0.0642	0.0642	0.0642	0.0642	0.0642
0.200	-0.0706	-0.0421	0.0521	0.0521	0.0521	0.0521	0.0521	0.0521	0.0521	0.0521
0.250	*****	-0.0492	0.0363	0.0363	0.0363	0.0363	0.0363	0.0363	0.0363	0.0363
0.300	-0.0724	-0.0494	0.0256	0.0256	0.0256	0.0256	0.0256	0.0256	0.0256	0.0256
0.350	-0.0868	-0.0537	0.0140	0.0140	0.0140	0.0140	0.0140	0.0140	0.0140	0.0140
0.400	-0.0965	-0.0564	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039
0.450	-0.1103	-0.0640	0.0107	0.0107	0.0107	0.0107	0.0107	0.0107	0.0107	0.0107
0.500	-0.1199	-0.0655	-0.0186	-0.0186	-0.0186	-0.0186	-0.0186	-0.0186	-0.0186	-0.0186
0.525	*****	-0.0701	-0.0217	-0.0217	-0.0217	-0.0217	-0.0217	-0.0217	-0.0217	-0.0217
0.550	-0.1319	-0.0815	-0.0270	-0.0270	-0.0270	-0.0270	-0.0270	-0.0270	-0.0270	-0.0270
0.575	*****	-0.0848	-0.0235	-0.0235	-0.0235	-0.0235	-0.0235	-0.0235	-0.0235	-0.0235
0.600	-0.1415	-0.0917	-0.0410	-0.0410	-0.0410	-0.0410	-0.0410	-0.0410	-0.0410	-0.0410
0.625	*****	*****	-0.0420	-0.0420	-0.0420	-0.0420	-0.0420	-0.0420	-0.0420	-0.0420
0.650	-0.1488	-0.1019	-0.0513	-0.0513	-0.0513	-0.0513	-0.0513	-0.0513	-0.0513	-0.0513
0.675	*****	-0.1166	-0.0630	-0.0630	-0.0630	-0.0630	-0.0630	-0.0630	-0.0630	-0.0630
0.700	-0.1494	-0.1299	-0.0681	-0.0681	-0.0681	-0.0681	-0.0681	-0.0681	-0.0681	-0.0681
0.725	*****	-0.1431	*****	-0.1280	-0.1280	-0.1280	-0.1280	-0.1280	-0.1280	-0.1280
0.750	-0.1483	-0.1610	*****	-0.1327	-0.1327	-0.1327	-0.1327	-0.1327	-0.1327	-0.1327
0.775	*****	-0.1758	-0.1103	-0.1488	-0.1488	-0.1488	-0.1488	-0.1488	-0.1488	-0.1488
0.800	-0.1349	-0.1887	-0.1335	-0.1643	-0.1643	-0.1643	-0.1643	-0.1643	-0.1643	-0.1643
0.825	*****	-0.1999	-0.1598	-0.1711	-0.1711	-0.1711	-0.1711	-0.1711	-0.1711	-0.1711
0.850	-0.1118	-0.2054	-0.1867	-0.2014	-0.2014	-0.2014	-0.2014	-0.2014	-0.2014	-0.2014
0.875	*****	-0.2039	-0.2093	-0.2367	-0.2367	-0.2367	-0.2367	-0.2367	-0.2367	-0.2367
0.900	-0.0780	-0.1921	-0.2260	-0.2685	-0.2685	-0.2685	-0.2685	-0.2685	-0.2685	-0.2685
0.925	*****	-0.1746	-0.2281	-0.2887	-0.2887	-0.2887	-0.2887	-0.2887	-0.2887	-0.2887
0.950	-0.0538	-0.1593	-0.2163	-0.2882	-0.2882	-0.2882	-0.2882	-0.2882	-0.2882	-0.2882
0.975	*****	-0.1377	-0.1742	-0.2603	-0.3689	-0.3689	-0.3689	-0.3689	-0.3689	-0.3689
1.000	0.0062	-0.1634	-0.2211	-0.3824	-0.3824	-0.3824	-0.3824	-0.3824	-0.3824	-0.3824
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0426	0.0541	0.1255	0.1255	0.1255	0.1255	0.1255	0.1255	0.1255	0.1255
-0.600	0.0229	0.0569	0.0790	0.0636	0.0636	0.0636	0.0636	0.0636	0.0636	0.0636
-0.700	0.0178	0.0487	0.0637	0.0376	0.0376	0.0376	0.0376	0.0376	0.0376	0.0376
-0.800	*****	0.0312	0.0517	-0.0285	-0.0285	-0.0285	-0.0285	-0.0285	-0.0285	-0.0285
-0.850	*****	0.0494	0.0342	-0.0218	-0.0218	-0.0218	-0.0218	-0.0218	-0.0218	-0.0218
-0.900	0.1053	0.0883	0.0525	-0.0245	-0.0245	-0.0245	-0.0245	-0.0245	-0.0245	-0.0245
-0.950	0.1418	0.0983	0.1197	0.0416	0.0416	0.0416	0.0416	0.0416	0.0416	0.0416
-0.975	*****	0.1891	0.1707	0.1082	-0.1047	-0.1047	-0.1047	-0.1047	-0.1047	-0.1047
-1.000	-0.0114	-0.1555	-0.2313	-0.4078	-0.4078	-0.4078	-0.4078	-0.4078	-0.4078	-0.4078

Small Radius L.E.
 Run No. = 46 , Point No. = 977
 $C_N = 0.103$, $C_m = -0.0144$
 $\alpha = 2.9^\circ$, $M_\infty = 0.801$
 $R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1195	*****
0.20	0.0062	-0.0114
0.30	-0.0960	*****
0.40	-0.1634	-0.1555
0.50	-0.2651	*****
0.60	-0.2211	-0.2313
0.70	-0.3950	*****
0.80	-0.3824	-0.4078
0.90	-0.3459	*****
0.95	-0.2361	-0.3411

Surface Pressures

● upper, starboard
 ○ lower, port

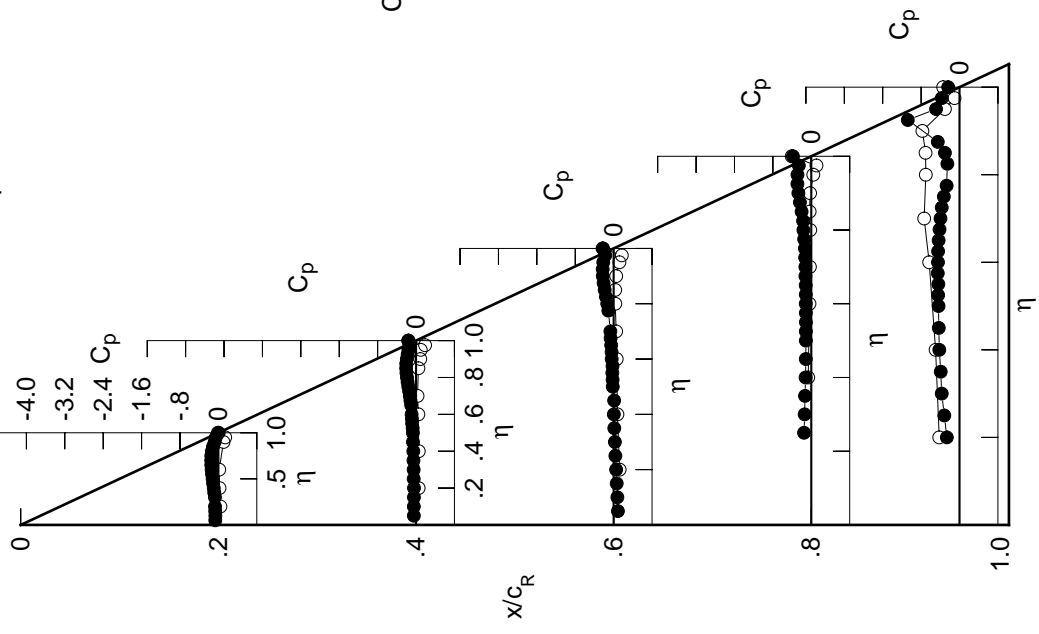


Table E3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0829	-0.0605	0.0777	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0811	-0.0611	0.0667	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0854	-0.0604	0.0536	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0888	-0.0578	0.0410	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0668	0.0258	-0.1607	-0.1607	-0.1607	-0.1607	-0.1607	-0.1607	-0.1607
0.300	-0.0912	-0.0649	0.0138	-0.1482	-0.1482	-0.1482	-0.1482	-0.1482	-0.1482	-0.1482
0.350	-0.1071	-0.0717	0.0021	-0.1397	-0.1397	-0.1397	-0.1397	-0.1397	-0.1397	-0.1397
0.400	-0.1187	-0.0740	-0.0101	-0.1296	-0.1296	-0.1296	-0.1296	-0.1296	-0.1296	-0.1296
0.450	-0.1339	-0.0830	-0.0024	-0.1250	-0.1250	-0.1250	-0.1250	-0.1250	-0.1250	-0.1250
0.500	-0.1460	-0.0846	-0.0337	-0.1251	-0.1251	-0.1251	-0.1251	-0.1251	-0.1251	-0.1251
0.525	*****	-0.0912	-0.0372	-0.1253	-0.1253	-0.1253	-0.1253	-0.1253	-0.1253	-0.1253
0.550	-0.1607	-0.1033	-0.0436	-0.1250	-0.1250	-0.1250	-0.1250	-0.1250	-0.1250	-0.1250
0.575	*****	-0.1083	-0.0413	-0.1258	-0.1258	-0.1258	-0.1258	-0.1258	-0.1258	-0.1258
0.600	-0.1724	-0.1160	-0.0606	-0.1304	-0.1304	-0.1304	-0.1304	-0.1304	-0.1304	-0.1304
0.625	*****	*****	-0.0606	-0.1305	-0.1305	-0.1305	-0.1305	-0.1305	-0.1305	-0.1305
0.650	-0.1830	-0.1284	-0.0710	-0.1327	-0.1327	-0.1327	-0.1327	-0.1327	-0.1327	-0.1327
0.675	*****	-0.1454	-0.0851	-0.1392	-0.1392	-0.1392	-0.1392	-0.1392	-0.1392	-0.1392
0.700	-0.1867	-0.1613	-0.0911	-0.1421	-0.1421	-0.1421	-0.1421	-0.1421	-0.1421	-0.1421
0.725	*****	-0.1771	*****	-0.1466	-0.1466	-0.1466	-0.1466	-0.1466	-0.1466	-0.1466
0.750	-0.1907	-0.1993	*****	-0.1554	-0.1554	-0.1554	-0.1554	-0.1554	-0.1554	-0.1554
0.775	*****	-0.2179	-0.1430	-0.1724	-0.1724	-0.1724	-0.1724	-0.1724	-0.1724	-0.1724
0.800	-0.1801	-0.2351	-0.1696	-0.1925	-0.1925	-0.1925	-0.1925	-0.1925	-0.1925	-0.1925
0.825	*****	-0.2497	-0.2009	-0.2012	-0.2012	-0.2012	-0.2012	-0.2012	-0.2012	-0.2012
0.850	-0.1617	-0.2616	-0.2354	-0.2379	-0.2379	-0.2379	-0.2379	-0.2379	-0.2379	-0.2379
0.875	*****	-0.2658	-0.2654	-0.2819	-0.2819	-0.2819	-0.2819	-0.2819	-0.2819	-0.2819
0.900	-0.1341	-0.2610	-0.2926	-0.3253	-0.3253	-0.3253	-0.3253	-0.3253	-0.3253	-0.3253
0.925	*****	-0.2488	-0.3045	-0.3584	-0.3584	-0.3584	-0.3584	-0.3584	-0.3584	-0.3584
0.950	-0.1198	-0.2431	-0.3060	-0.3742	-0.3742	-0.3742	-0.3742	-0.3742	-0.3742	-0.3742
0.975	*****	-0.2371	-0.2842	-0.3701	-0.3701	-0.3701	-0.3701	-0.3701	-0.3701	-0.3701
1.000	-0.1777	-0.4778	-0.5919	-0.8715	-0.8715	-0.8715	-0.8715	-0.8715	-0.8715	-0.8715
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0634	0.0722	0.1414	*****	*****	*****	*****	*****	*****	*****
-0.600	0.0466	0.0764	0.0946	-0.0511	-0.0511	-0.0511	-0.0511	-0.0511	-0.0511	-0.0511
-0.700	0.0468	0.0713	0.0823	-0.0247	-0.0247	-0.0247	-0.0247	-0.0247	-0.0247	-0.0247
-0.800	*****	0.0585	0.0720	-0.0113	-0.0113	-0.0113	-0.0113	-0.0113	-0.0113	-0.0113
-0.850	*****	*****	0.0617	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
-0.900	0.1373	0.1243	0.0852	0.0656	0.0656	0.0656	0.0656	0.0656	0.0656	0.0656
-0.950	0.1710	0.1199	0.0893	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106
-0.975	*****	0.2072	0.1930	0.1367	0.1367	0.1367	0.1367	0.1367	0.1367	0.1367
-1.000	-0.2145	-0.4855	-0.6106	-0.9571	-0.9571	-0.9571	-0.9571	-0.9571	-0.9571	-0.9571

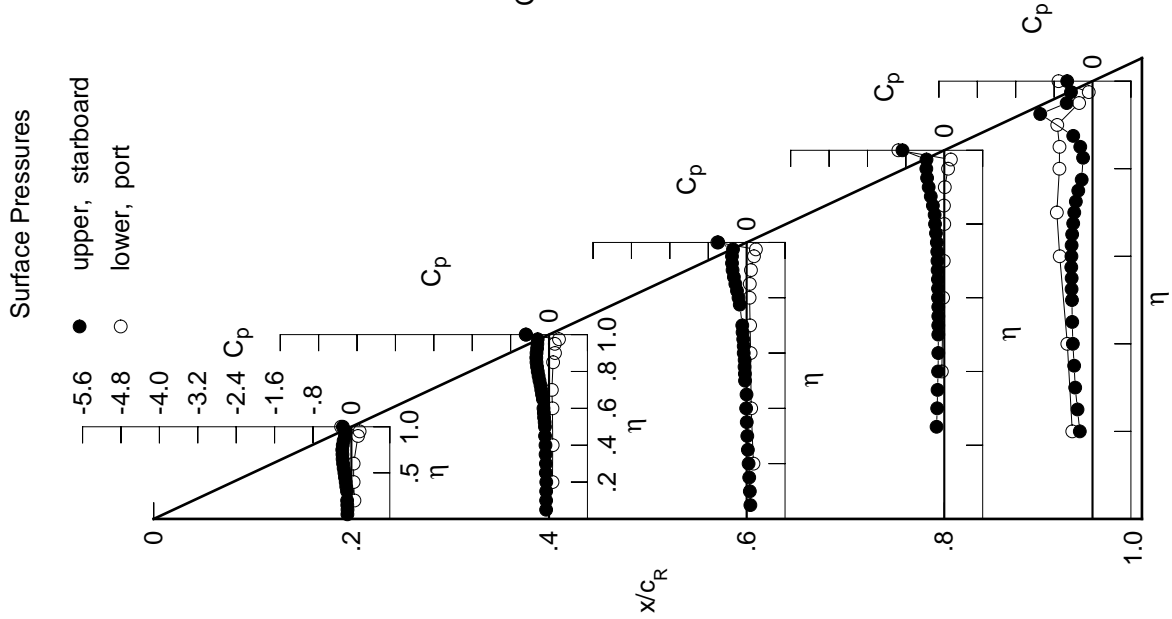
Small Radius L.E.

Run No. = 46 , Point No. = 978

$C_N = 0.142$, $C_m = -0.0200$

$\alpha = 3.9^\circ$, $M_\infty = 0.801$

$R_{mac} = 59.7 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.0208	*****
0.20	-0.1777	-0.2145
0.30	-0.3588	*****
0.40	-0.4778	-0.4855
0.50	-0.6824	*****
0.60	-0.5919	-0.6106
0.70	-0.9089	*****
0.80	-0.8715	-0.9571
0.90	-0.7567	*****
0.95	-0.5273	-0.7080

Table E3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0997	-0.0763	0.0678	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0987	-0.0767	0.0556	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1044	-0.0763	0.0430	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1080	-0.0738	0.0284	*****	*****	*****	*****	*****	*****	-0.2690
0.250	*****	-0.0821	0.0143	-0.1689	-0.3067	*****	*****	*****	*****	*****
0.300	-0.1101	-0.0825	0.0006	-0.1567	-0.3520	*****	*****	*****	*****	*****
0.350	-0.1274	-0.0897	-0.0111	-0.1486	-0.3718	*****	*****	*****	*****	*****
0.400	-0.1409	-0.0920	-0.0234	-0.1385	-0.3992	*****	*****	*****	*****	*****
0.450	-0.1581	-0.1027	-0.0177	-0.1352	-0.4136	*****	*****	*****	*****	*****
0.500	-0.1721	-0.1066	-0.0500	-0.1351	-0.4294	*****	*****	*****	*****	*****
0.525	*****	-0.1127	-0.0534	-0.1377	-0.4424	*****	*****	*****	*****	*****
0.550	-0.1897	-0.1256	-0.0604	-0.1359	-0.4424	*****	*****	*****	*****	*****
0.575	*****	-0.1319	-0.0598	-0.1395	-0.4530	*****	*****	*****	*****	*****
0.600	-0.2043	-0.1410	-0.0804	-0.1427	-0.4501	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0818	-0.1432	-0.4453	*****	*****	*****	*****	*****
0.650	-0.2183	-0.1573	-0.0933	-0.1485	-0.4318	*****	*****	*****	*****	*****
0.675	*****	-0.1751	-0.1086	-0.1572	-0.4060	*****	*****	*****	*****	*****
0.700	-0.2265	-0.1934	-0.1167	-0.1627	-0.3794	*****	*****	*****	*****	*****
0.725	*****	-0.2134	*****	-0.1700	-0.3422	*****	*****	*****	*****	*****
0.750	-0.2340	-0.2379	*****	-0.1819	-0.2835	*****	*****	*****	*****	*****
0.775	*****	-0.2612	-0.1772	-0.2032	-0.2022	*****	*****	*****	*****	*****
0.800	-0.2286	-0.2839	-0.2072	-0.2248	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3048	-0.2442	-0.2384	-0.1459	*****	*****	*****	*****	*****
0.850	-0.2157	-0.3223	-0.2861	-0.2757	-0.1968	*****	*****	*****	*****	*****
0.875	*****	-0.3333	-0.3256	-0.3229	-0.3089	*****	*****	*****	*****	*****
0.900	-0.1961	-0.3350	-0.3622	-0.3794	*****	*****	*****	*****	*****	*****
0.925	*****	-0.3328	-0.3879	-0.4257	-1.1162	*****	*****	*****	*****	*****
0.950	-0.1957	-0.3398	-0.4063	-0.4617	-0.5956	*****	*****	*****	*****	*****
0.975	*****	-0.3550	-0.4123	-0.4886	-0.5362	*****	*****	*****	*****	*****
1.000	-0.4358	-0.9842	-1.0920	-1.3352	-0.9861	*****	*****	*****	*****	*****
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0868	0.0923	0.1602	*****	-0.4231	*****	*****	*****	*****	*****
-0.400	0.0721	0.0979	0.1117	-0.0376	-0.5366	*****	*****	*****	*****	*****
-0.600	0.0770	0.0951	0.1015	-0.0083	-0.6732	*****	*****	*****	*****	*****
-0.700	*****	0.0863	0.0939	0.0066	-0.7240	*****	*****	*****	*****	*****
-0.800	*****	*****	0.0897	0.0223	-0.6686	*****	*****	*****	*****	*****
-0.850	*****	0.1197	0.0977	0.0201	-0.6650	*****	*****	*****	*****	*****
-0.900	0.1678	0.1576	0.1243	0.0422	-0.6958	*****	*****	*****	*****	*****
-0.950	0.1979	0.1366	0.1806	0.1081	-0.2577	*****	*****	*****	*****	*****
-0.975	*****	0.2147	0.2066	0.1526	-0.0609	*****	*****	*****	*****	*****
-1.000	-0.5053	-1.0046	-0.9934	-1.0396	-1.0816	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 46 , Point No. = 979
 $C_N = 0.185$, $C_m = -0.0282$
 $\alpha = 5.0^\circ$, $M_\infty = 0.799$
 $R_{mac} = 59.7 \times 10^6$

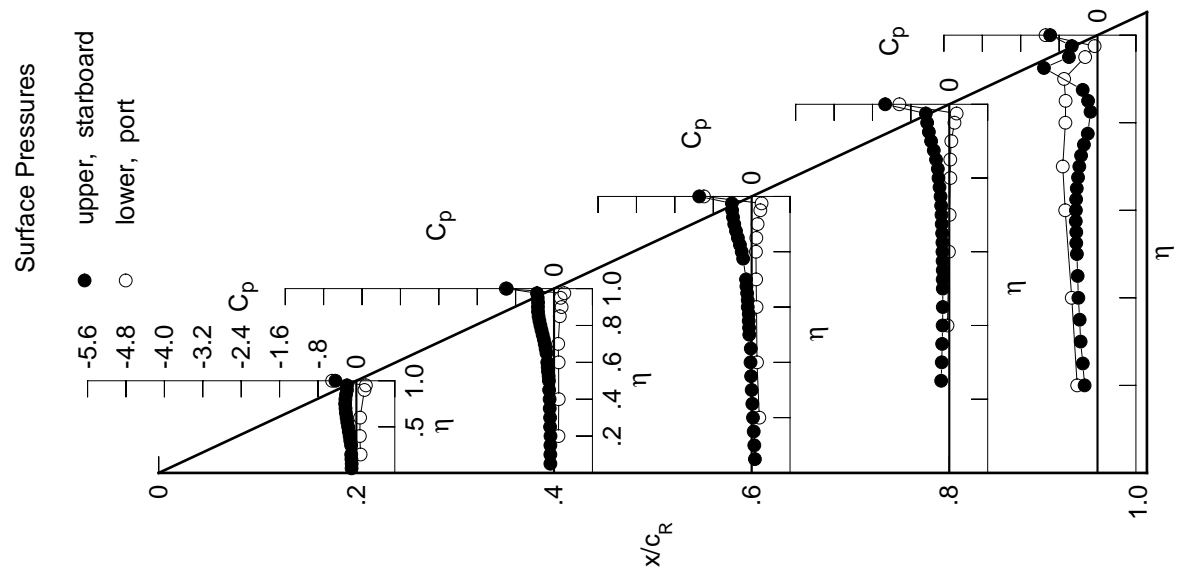
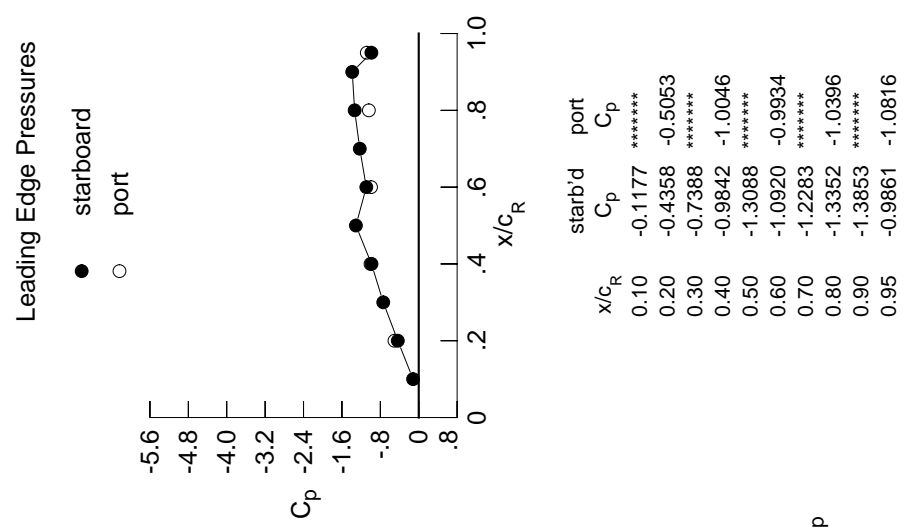


Table E3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1185	-0.0925	0.0534	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1176	-0.0945	0.0437	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1237	-0.0939	0.0272	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1286	-0.0925	0.0158	*****	*****	*****	*****	*****	*****	-0.2685
0.250	*****	-0.0999	-0.0021	-0.1833	-0.1706	-0.1619	-0.3657	*****	*****	-0.2964
0.300	-0.1294	-0.1021	-0.0125	-0.1706	-0.1619	-0.3657	*****	*****	*****	-0.3388
0.350	-0.1486	-0.1083	-0.0274	-0.1619	-0.3657	*****	*****	*****	*****	-0.4327
0.400	-0.1635	-0.1132	-0.0388	-0.1520	-0.4141	*****	*****	*****	*****	-0.4141
0.450	-0.1828	-0.1241	-0.0351	-0.1496	-0.4397	*****	*****	*****	*****	-0.4397
0.500	-0.1988	-0.1291	-0.0669	-0.1514	-0.4436	*****	*****	*****	*****	-0.4436
0.525	*****	-0.1368	-0.0729	-0.1552	-0.4441	*****	*****	*****	*****	-0.4441
0.550	-0.2191	-0.1509	-0.0823	-0.1579	-0.4316	*****	*****	*****	*****	-0.4316
0.575	*****	-0.1583	-0.0840	-0.1633	-0.4366	*****	*****	*****	*****	-0.4366
0.600	-0.2379	-0.1682	-0.1073	-0.1716	-0.4327	*****	*****	*****	*****	-0.4327
0.625	*****	*****	-0.1108	-0.1717	-0.4284	*****	*****	*****	*****	-0.4284
0.650	-0.2556	-0.1892	-0.1261	-0.1740	-0.4220	*****	*****	*****	*****	-0.4220
0.675	*****	-0.2095	-0.1418	-0.1848	-0.4153	*****	*****	*****	*****	-0.4153
0.700	-0.2680	-0.2296	-0.1508	-0.2009	-0.4089	*****	*****	*****	*****	-0.4089
0.725	*****	-0.2531	*****	-0.2128	-0.4058	*****	*****	*****	*****	-0.4058
0.750	-0.2813	-0.2798	*****	-0.2115	-0.4061	*****	*****	*****	*****	-0.4061
0.775	*****	-0.3066	-0.2118	-0.2444	-0.4162	*****	*****	*****	*****	-0.4162
0.800	-0.2814	-0.3348	-0.2500	-0.2618	*****	*****	*****	*****	*****	-0.4162
0.825	*****	-0.3596	-0.2778	-0.2708	-0.4518	*****	*****	*****	*****	-0.4518
0.850	-0.2741	-0.3832	-0.3166	-0.3130	-0.4282	*****	*****	*****	*****	-0.4282
0.875	*****	-0.4010	-0.3693	-0.3516	-0.4836	*****	*****	*****	*****	-0.4836
0.900	-0.2634	-0.4103	-0.4096	-0.4065	*****	*****	*****	*****	*****	-0.4836
0.925	*****	-0.4158	-0.4349	-0.4598	-0.9766	*****	*****	*****	*****	-0.9766
0.950	-0.2801	-0.4363	-0.4911	-0.5255	-0.6669	*****	*****	*****	*****	-0.6669
0.975	*****	-0.4727	-0.6790	-0.7519	-0.6316	*****	*****	*****	*****	-0.6316
1.000	-0.7724	-1.2511	-1.2252	-1.2056	-1.5075	*****	*****	*****	*****	-1.5075
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1097	0.1129	0.1754	*****	-0.4247	*****	*****	*****	*****	-0.4247
-0.600	0.0975	0.1180	0.1293	-0.0231	-0.5411	*****	*****	*****	*****	-0.5411
-0.700	0.1056	0.1200	0.1198	0.0092	-0.6559	*****	*****	*****	*****	-0.6559
-0.800	*****	0.1127	0.1167	0.0238	-0.6955	*****	*****	*****	*****	-0.6955
-0.850	*****	*****	0.1154	0.0433	-0.6361	*****	*****	*****	*****	-0.6361
-0.900	*****	0.1517	0.1262	0.0445	-0.6314	*****	*****	*****	*****	-0.6314
-0.950	0.1942	0.1860	0.1533	0.0690	-0.6496	*****	*****	*****	*****	-0.6496
-0.975	0.2195	0.1472	0.1988	0.1289	-0.2341	*****	*****	*****	*****	-0.2341
-1.000	*****	0.2117	0.2073	0.1574	-0.0469	*****	*****	*****	*****	-0.0469
	-0.9071	-1.3140	-1.0773	-1.1793	-0.9396	*****	*****	*****	*****	-0.9396

Small Radius L.E.

Run No. = 46 , Point No. = 980

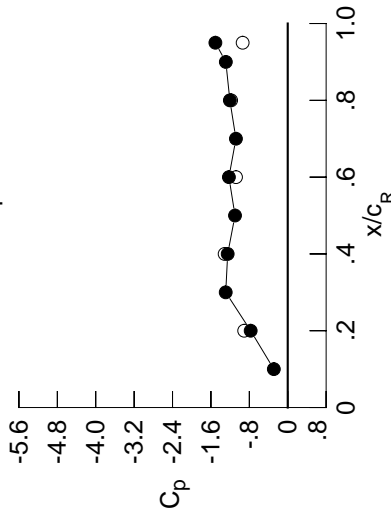
$C_N = 0.237$, $C_m = -0.0391$

$\alpha = 6.0^\circ$, $M_\infty = 0.801$

$R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.2898	*****
0.20	-0.7724	-0.9071
0.30	-1.2918	*****
0.40	-1.2511	-1.3140
0.50	-1.0980	*****
0.60	-1.2252	-1.0773
0.70	-1.0790	*****
0.80	-1.2056	-1.1793
0.90	-1.2894	*****
0.95	-1.5075	-0.9396

Surface Pressures

● upper, starboard
○ lower, port

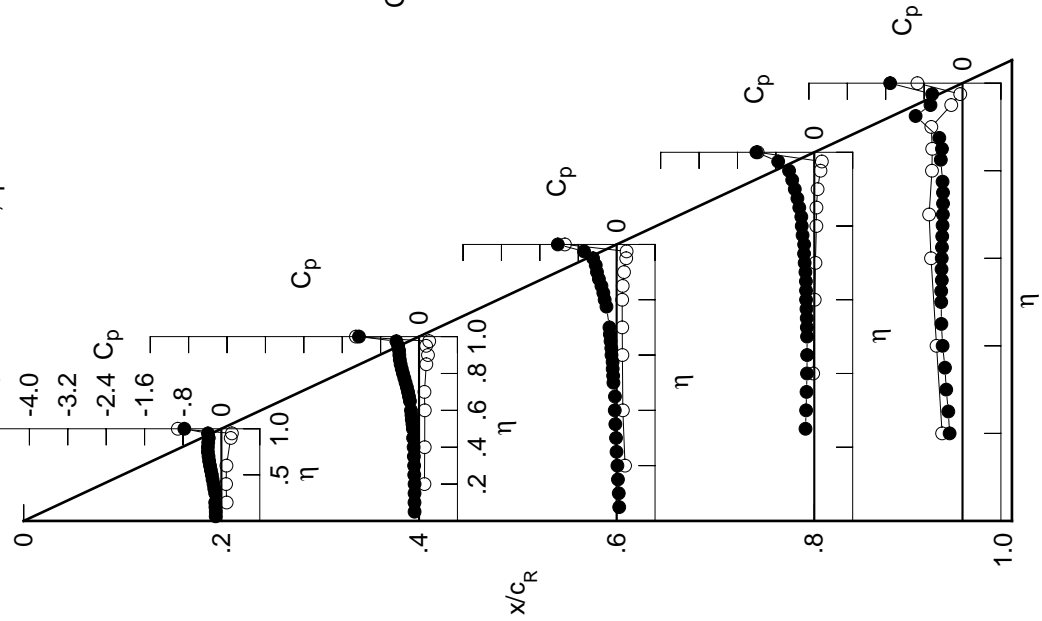
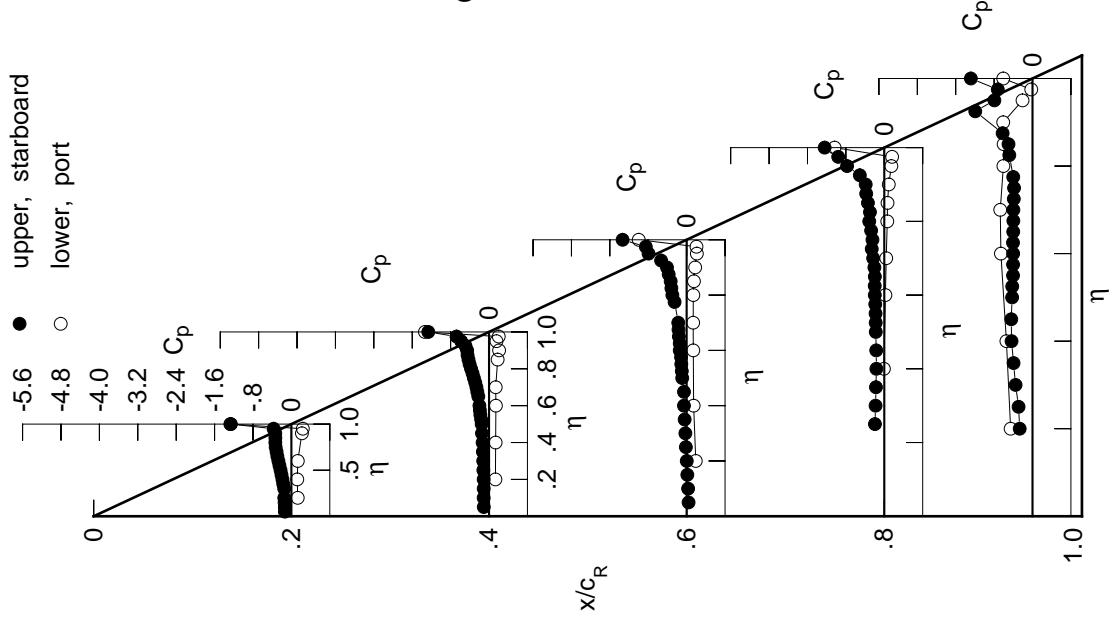


Table E3. Continued.

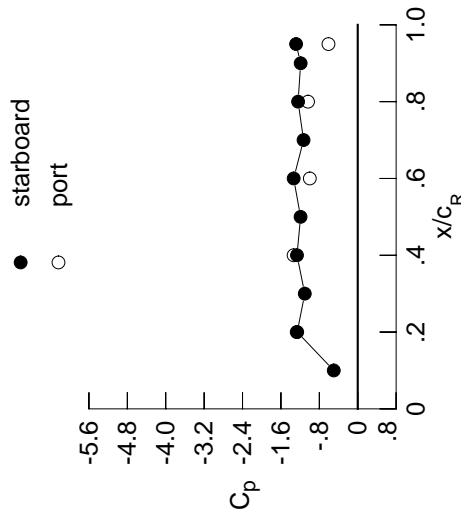
η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1359	-0.1097	0.0398	*****	*****
0.100	-0.1366	-0.1122	0.0303	*****	*****
0.150	-0.1415	-0.1113	0.0145	*****	*****
0.200	-0.1484	-0.1118	0.0022	*****	-0.2673
0.250	*****	-0.1185	-0.0161	-0.1948	-0.2901
0.300	-0.1494	-0.1218	-0.0268	-0.1812	-0.3528
0.350	-0.1695	-0.1288	-0.0414	-0.1736	-0.3954
0.400	-0.1862	-0.1343	-0.0559	-0.1648	-0.4366
0.450	-0.2067	-0.1474	-0.0553	-0.1681	-0.4427
0.500	-0.2255	-0.1538	-0.0924	-0.1773	-0.4249
0.525	*****	-0.1640	-0.1006	-0.1790	-0.4220
0.550	-0.2486	-0.1805	-0.1114	-0.1814	-0.4056
0.575	*****	-0.1907	-0.1164	-0.1880	-0.4050
0.600	-0.2704	-0.2002	-0.1443	-0.1980	-0.4033
0.625	*****	*****	-0.1438	-0.1995	-0.4060
0.650	-0.2924	-0.2230	-0.1617	-0.1968	-0.4019
0.675	*****	-0.2436	-0.1696	-0.2067	-0.3995
0.700	-0.3092	-0.2626	-0.1745	-0.2322	-0.3982
0.725	*****	-0.2869	*****	-0.2612	-0.3897
0.750	-0.3283	-0.3158	*****	-0.2468	-0.3849
0.775	*****	-0.3428	-0.2510	-0.2741	-0.4016
0.800	-0.3343	-0.3745	-0.2979	-0.3132	*****
0.825	*****	-0.4051	-0.3179	-0.2988	-0.4829
0.850	-0.3340	-0.4279	-0.3326	-0.3409	-0.5003
0.875	*****	-0.4478	-0.3741	-0.3766	-0.6224
0.900	-0.3352	-0.4558	-0.4099	-0.3869	*****
0.925	*****	-0.4920	-0.5321	-0.5097	-1.1929
0.950	-0.3709	-0.5815	-0.7940	-0.7755	-0.7946
0.975	*****	-0.6772	-0.8513	-0.9597	-0.7243
1.000	-1.2608	-1.2653	-1.3347	-1.2425	-1.2844
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1319	0.1332	0.1906	*****	-0.4558
-0.400	0.1227	0.1378	0.1455	-0.0083	-0.5437
-0.600	0.1337	0.1428	0.1384	0.0236	-0.6587
-0.700	*****	0.1390	0.1361	0.0399	-0.6720
-0.800	*****	*****	0.1389	0.0626	-0.6066
-0.850	*****	0.1795	0.1519	0.0669	-0.6016
-0.900	0.2189	0.2096	0.1779	0.0937	-0.6100
-0.950	0.2386	0.1545	0.2126	0.1472	-0.2083
-0.975	*****	0.2021	0.2052	0.1623	-0.0254
-1.000	-1.2716	-1.3362	-0.9981	-1.0354	-0.6093

Surface Pressures



Small Radius L.E.
 Run No. = 46, Point No. = 981
 $C_N = 0.285$, $C_m = -0.0485$
 $\alpha = 7.1^\circ$, $M_\infty = 0.801$
 $R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.4994	*****
0.20	-1.2608	-1.2716
0.30	-1.1030	*****
0.40	-1.2653	-1.3362
0.50	-1.1909	*****
0.60	-1.3347	-0.9981
0.70	-1.1287	*****
0.80	-1.2425	-1.0354
0.90	-1.1890	*****
0.95	-1.2844	-0.6093

Table E3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1537	-0.1303	0.0249	0.0249	0.0249	0.0249	0.0249	0.0249	0.0249	0.0249
0.100	-0.1567	-0.1324	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121	0.0121
0.150	-0.1637	-0.1332	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
0.200	-0.1691	-0.1317	-0.0143	-0.0143	-0.0143	-0.0143	-0.0143	-0.0143	-0.0143	-0.0143
0.250	*****	-0.1395	-0.0304	-0.0304	-0.0304	-0.0304	-0.0304	-0.0304	-0.0304	-0.0304
0.300	-0.1710	-0.1427	-0.0440	-0.0440	-0.0440	-0.0440	-0.0440	-0.0440	-0.0440	-0.0440
0.350	-0.1929	-0.1494	-0.0641	-0.0641	-0.0641	-0.0641	-0.0641	-0.0641	-0.0641	-0.0641
0.400	-0.2107	-0.1617	-0.0824	-0.0824	-0.0824	-0.0824	-0.0824	-0.0824	-0.0824	-0.0824
0.450	-0.2335	-0.1782	-0.0817	-0.0817	-0.0817	-0.0817	-0.0817	-0.0817	-0.0817	-0.0817
0.500	-0.2548	-0.1885	-0.1134	-0.1134	-0.1134	-0.1134	-0.1134	-0.1134	-0.1134	-0.1134
0.525	*****	-0.1936	-0.1256	-0.1256	-0.1256	-0.1256	-0.1256	-0.1256	-0.1256	-0.1256
0.550	-0.2812	-0.2134	-0.1346	-0.1346	-0.1346	-0.1346	-0.1346	-0.1346	-0.1346	-0.1346
0.575	*****	-0.2211	-0.1444	-0.1444	-0.1444	-0.1444	-0.1444	-0.1444	-0.1444	-0.1444
0.600	-0.3061	-0.2336	-0.1874	-0.1874	-0.1874	-0.1874	-0.1874	-0.1874	-0.1874	-0.1874
0.625	*****	*****	-0.1929	-0.1929	-0.1929	-0.1929	-0.1929	-0.1929	-0.1929	-0.1929
0.650	-0.3320	-0.2493	-0.1937	-0.1937	-0.1937	-0.1937	-0.1937	-0.1937	-0.1937	-0.1937
0.675	*****	-0.2675	-0.1932	-0.1932	-0.1932	-0.1932	-0.1932	-0.1932	-0.1932	-0.1932
0.700	-0.3541	-0.2911	-0.1934	-0.1934	-0.1934	-0.1934	-0.1934	-0.1934	-0.1934	-0.1934
0.725	*****	-0.3167	*****	-0.3060	-0.3060	-0.3060	-0.3060	-0.3060	-0.3060	-0.3060
0.750	-0.3773	-0.3444	*****	-0.2833	-0.2833	-0.2833	-0.2833	-0.2833	-0.2833	-0.2833
0.775	*****	-0.3732	-0.3105	-0.2751	-0.2751	-0.2751	-0.2751	-0.2751	-0.2751	-0.2751
0.800	-0.3893	-0.4126	-0.3474	-0.2770	-0.2770	-0.2770	-0.2770	-0.2770	-0.2770	-0.2770
0.825	*****	-0.4649	-0.3532	-0.3191	-0.3191	-0.3191	-0.3191	-0.3191	-0.3191	-0.3191
0.850	-0.3959	-0.4677	-0.3477	-0.4167	-0.4167	-0.4167	-0.4167	-0.4167	-0.4167	-0.4167
0.875	*****	-0.4640	-0.3848	-0.6009	-0.6009	-0.6009	-0.6009	-0.6009	-0.6009	-0.6009
0.900	-0.4038	-0.5231	-0.6878	-0.7458	-0.7458	-0.7458	-0.7458	-0.7458	-0.7458	-0.7458
0.925	*****	-0.7197	-0.8961	-0.8652	-0.8194	-0.8194	-0.8194	-0.8194	-0.8194	-0.8194
0.950	-0.4551	-0.7333	-0.9415	-0.8816	-0.8816	-0.8816	-0.8816	-0.8816	-0.8816	-0.8816
0.975	*****	-0.9487	-0.8431	-0.8505	-0.7445	-0.7445	-0.7445	-0.7445	-0.7445	-0.7445
1.000	-1.2532	-1.3560	-1.2980	-0.9508	-0.9508	-0.9508	-0.9508	-0.9508	-0.9508	-0.9508
-0.200	$C_{p,l}$	0.1529	0.2073	0.2073	0.2073	0.2073	0.2073	0.2073	0.2073	0.2073
-0.400	0.1482	0.1611	0.1633	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060
-0.600	0.1627	0.1648	0.1578	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410
-0.700	*****	0.1646	0.1574	0.0575	-0.6363	-0.6363	-0.6363	-0.6363	-0.6363	-0.6363
-0.800	*****	*****	0.1629	0.0824	-0.5764	-0.5764	-0.5764	-0.5764	-0.5764	-0.5764
-0.850	*****	0.2048	0.1763	0.0885	-0.5723	-0.5723	-0.5723	-0.5723	-0.5723	-0.5723
-0.900	0.2411	0.2301	0.2015	0.1162	-0.5772	-0.5772	-0.5772	-0.5772	-0.5772	-0.5772
-0.950	0.2545	0.1585	0.2252	0.1639	-0.1944	-0.1944	-0.1944	-0.1944	-0.1944	-0.1944
-0.975	*****	0.1904	0.2036	0.1691	-0.0200	-0.0200	-0.0200	-0.0200	-0.0200	-0.0200
-1.000	-1.1254	-1.3199	-0.9827	-0.8073	-0.8073	-0.8073	-0.8073	-0.8073	-0.8073	-0.8073

Small Radius L.E.

Run No. = 46 , Point No. = 982

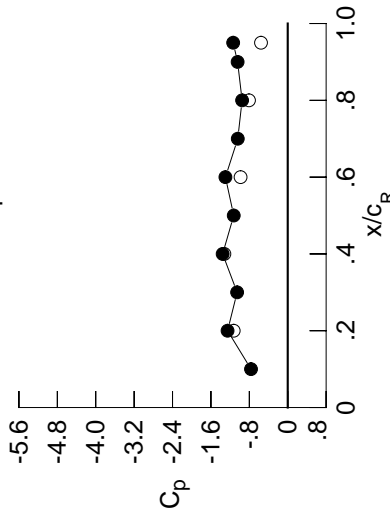
$C_N = 0.338$, $C_m = -0.0578$

$\alpha = 8.1^\circ$, $M_\infty = 0.801$

$R_{mac} = 59.7 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.7644	*****
0.20	-1.2532	-1.1254
0.30	-1.0542	*****
0.40	-1.3560	-1.3199
0.50	-1.1246	*****
0.60	-1.2980	-0.9827
0.70	-1.0407	*****
0.80	-0.9508	-0.8073
0.90	-1.0443	*****
0.95	-1.1372	-0.5570

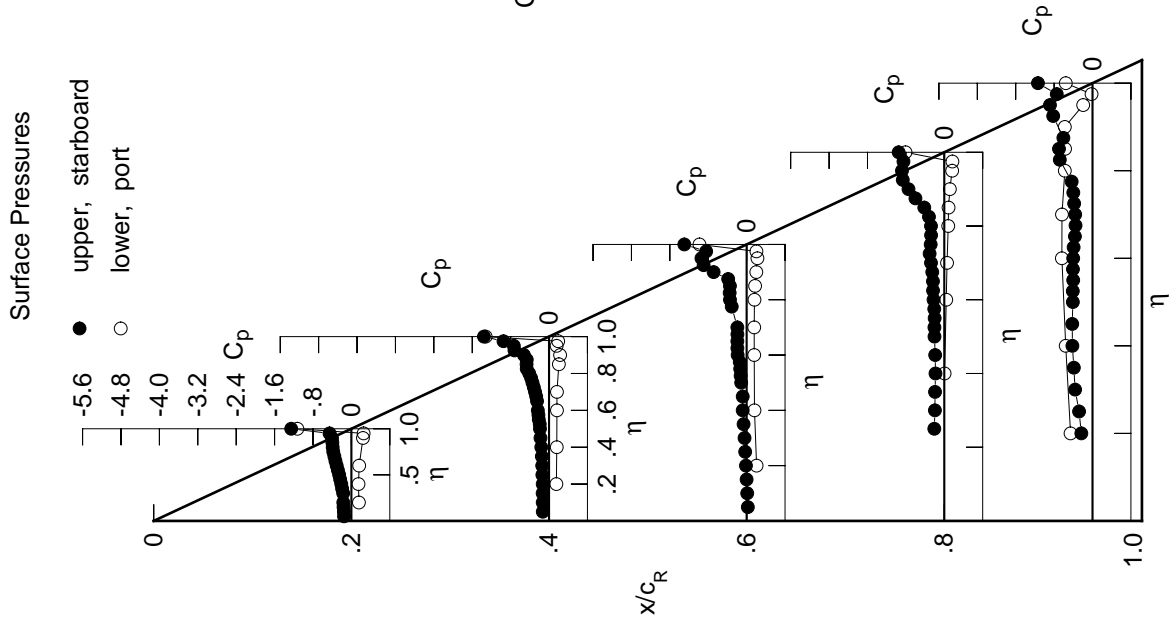
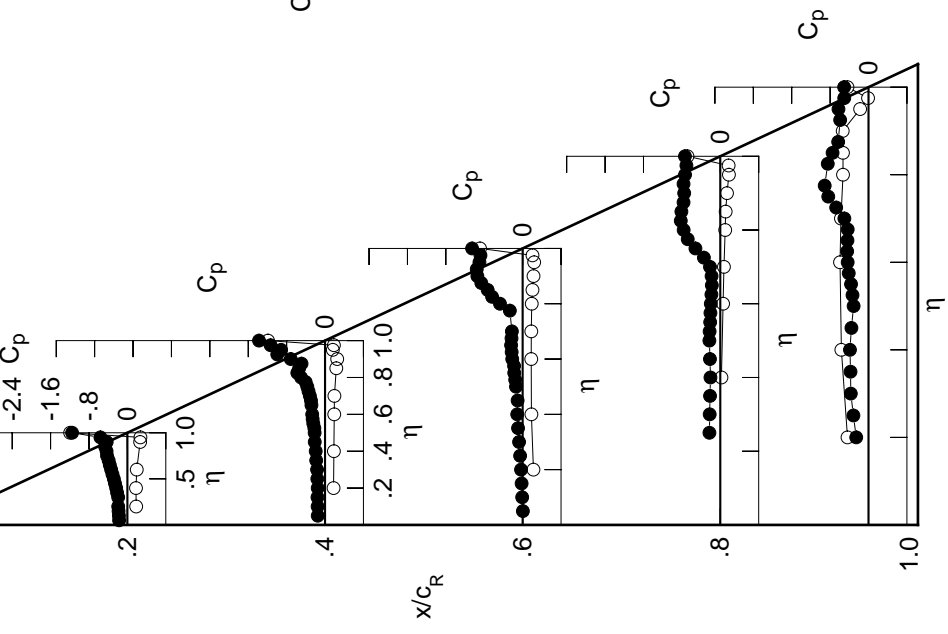
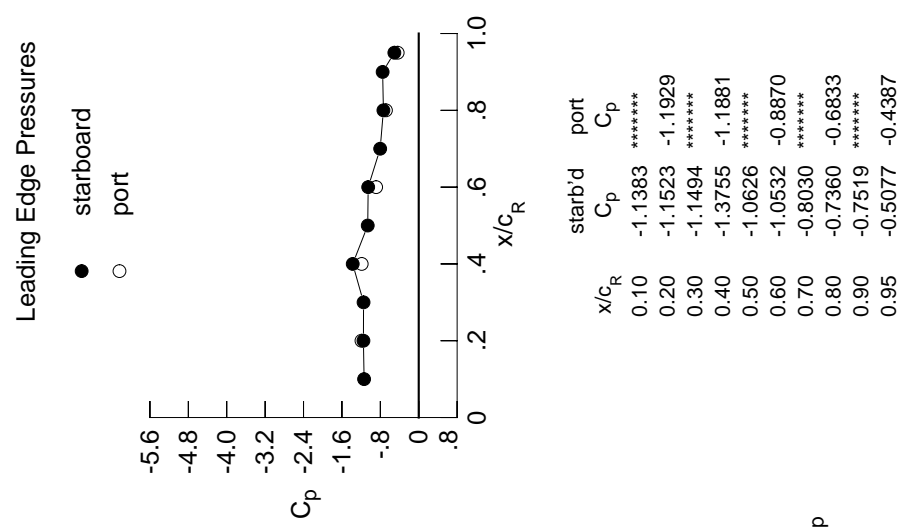


Table E3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1726	-0.1519	0.0045	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1771	-0.1540	-0.0099	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1843	-0.1579	-0.0214	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1911	-0.1532	-0.0336	*****	*****	*****	*****	*****	*****	-0.2559
0.250	*****	-0.1609	-0.0525	-0.2263	-0.3143	*****	*****	*****	*****	*****
0.300	-0.1919	-0.1658	-0.0740	-0.2208	-0.3691	*****	*****	*****	*****	*****
0.350	-0.2144	-0.1838	-0.0964	-0.2139	-0.3743	*****	*****	*****	*****	*****
0.400	-0.2333	-0.1943	-0.1126	-0.2049	-0.3866	*****	*****	*****	*****	*****
0.450	-0.2585	-0.2143	-0.1051	-0.2150	-0.3561	*****	*****	*****	*****	*****
0.500	-0.2821	-0.2172	-0.1386	-0.2272	-0.3105	*****	*****	*****	*****	*****
0.525	*****	-0.2225	-0.1555	-0.2223	-0.3335	*****	*****	*****	*****	*****
0.550	-0.3108	-0.2447	-0.1748	-0.2108	-0.3643	*****	*****	*****	*****	*****
0.575	*****	-0.2581	-0.1784	-0.2046	-0.4122	*****	*****	*****	*****	*****
0.600	-0.3385	-0.2671	-0.2170	-0.1978	-0.4347	*****	*****	*****	*****	*****
0.625	*****	*****	-0.2292	-0.1850	-0.4449	*****	*****	*****	*****	*****
0.650	-0.3662	-0.2828	-0.2412	-0.1761	-0.4381	*****	*****	*****	*****	*****
0.675	*****	-0.2926	-0.2317	-0.1818	-0.4334	*****	*****	*****	*****	*****
0.700	-0.3905	-0.3163	-0.2240	-0.2143	-0.5030	*****	*****	*****	*****	*****
0.725	*****	-0.3438	*****	-0.3416	-0.6738	*****	*****	*****	*****	*****
0.750	-0.4244	-0.3699	*****	-0.5173	-0.8381	*****	*****	*****	*****	*****
0.775	*****	-0.4034	-0.2661	-0.6787	-0.9124	*****	*****	*****	*****	*****
0.800	-0.4334	-0.4993	-0.4716	-0.7630	*****	*****	*****	*****	*****	*****
0.825	*****	-0.5775	-0.6363	-0.8228	-0.8491	*****	*****	*****	*****	*****
0.850	-0.4647	-0.5389	-0.7285	-0.8101	-0.7486	*****	*****	*****	*****	*****
0.875	*****	-0.4899	-0.8608	-0.7655	-0.6322	*****	*****	*****	*****	*****
0.900	-0.4315	-0.7143	-0.9429	-0.7519	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9949	-0.9561	-0.7660	-0.5904	*****	*****	*****	*****	*****
0.950	-0.5620	-0.9151	-0.8997	-0.7345	-0.6258	*****	*****	*****	*****	*****
0.975	*****	-1.1343	-0.8783	-0.7056	-0.5059	*****	*****	*****	*****	*****
1.000	-1.1523	-1.3755	-1.0532	-0.7360	-0.5077	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1831	0.1776	0.2247	*****	*****	*****	*****	*****	*****	-0.4379
-0.600	0.1789	0.1845	0.1826	0.0239	-0.5653	*****	*****	*****	*****	*****
-0.700	0.1952	0.1917	0.1788	0.0581	-0.5937	*****	*****	*****	*****	*****
-0.800	*****	0.1952	0.1796	0.0764	-0.5744	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1899	0.1021	-0.5311	*****	*****	*****	*****	*****
-0.900	*****	0.2344	0.2047	0.1122	-0.5316	*****	*****	*****	*****	*****
-0.950	0.2653	0.2539	0.2267	0.1399	-0.5375	*****	*****	*****	*****	*****
-0.975	0.2715	0.1619	0.2401	0.1797	-0.1745	*****	*****	*****	*****	*****
-1.000	*****	0.1849	0.2046	0.1740	-0.0094	*****	*****	*****	*****	*****
	-1.1929	-1.1881	-0.8870	-0.6833	-0.4387	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 46 , Point No. = 983
 $C_N = 0.403$, $C_m = -0.0719$
 $\alpha = 9.2^\circ$, $M_\infty = 0.800$
 $R_{mac} = 59.7 \times 10^6$

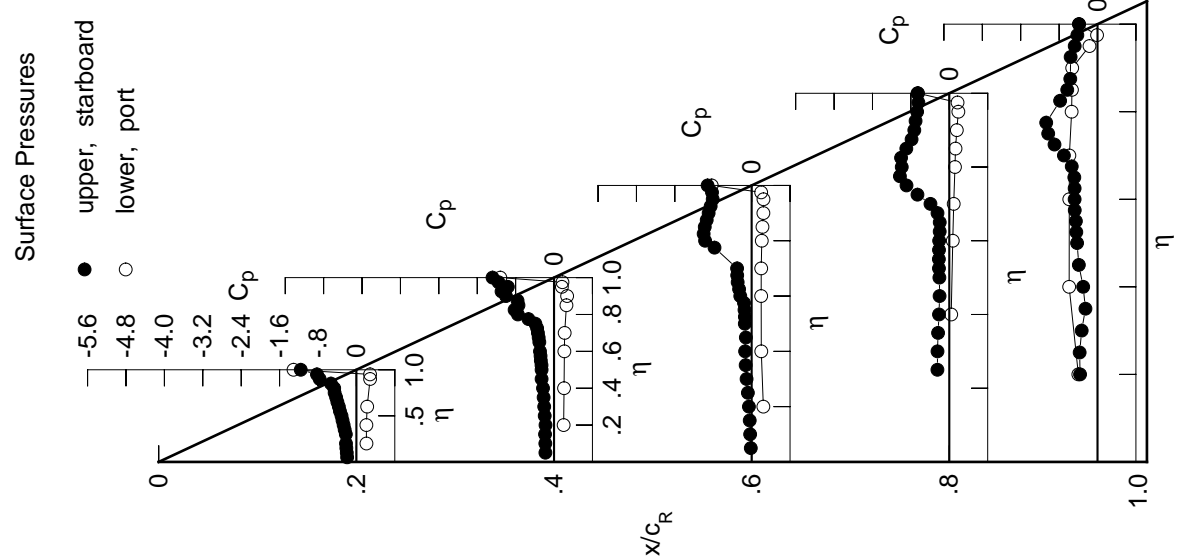
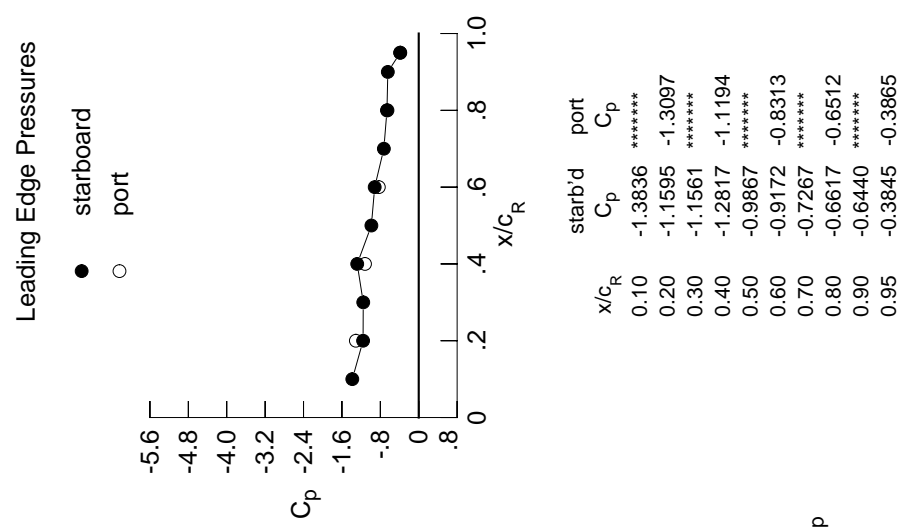


x/c_R	starb'd C_p	port C_p
0.10	-1.1383	*****
0.20	-1.1523	-1.1929
0.30	-1.1494	*****
0.40	-1.3755	-1.1881
0.50	-1.0626	*****
0.60	-1.0532	-0.8870
0.70	-0.8030	*****
0.80	-0.7360	-0.6833
0.90	-0.7519	*****
0.95	-0.5077	-0.4387

Table E3. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1928	-0.1804	-0.0173	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2002	-0.1819	-0.0313	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2097	-0.1875	-0.0401	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2166	-0.1777	-0.0570	*****	*****	*****	*****	*****	*****	-0.3635
0.250	*****	-0.1941	-0.0786	-0.2472	-0.2472	-0.3720	*****	*****	*****	-0.3720
0.300	-0.2196	-0.2049	-0.1055	-0.2456	-0.3298	*****	*****	*****	*****	-0.3298
0.350	-0.2441	-0.2169	-0.1248	-0.2336	-0.2514	*****	*****	*****	*****	-0.2514
0.400	-0.2657	-0.2300	-0.1359	-0.2145	-0.2986	*****	*****	*****	*****	-0.2986
0.450	-0.2890	-0.2592	-0.1206	-0.2025	-0.3891	*****	*****	*****	*****	-0.3891
0.500	-0.3096	-0.2591	-0.1427	-0.2062	-0.4260	*****	*****	*****	*****	-0.4260
0.525	*****	-0.2610	-0.1409	-0.2154	-0.4419	*****	*****	*****	*****	-0.4419
0.550	-0.3424	-0.2748	-0.1490	-0.2167	-0.4507	*****	*****	*****	*****	-0.4507
0.575	*****	-0.2809	-0.1595	-0.2140	-0.4744	*****	*****	*****	*****	-0.4744
0.600	-0.3653	-0.2931	-0.2367	-0.2115	-0.4769	*****	*****	*****	*****	-0.4769
0.625	*****	*****	-0.2619	-0.1997	-0.4765	*****	*****	*****	*****	-0.4765
0.650	-0.3961	-0.3060	-0.2909	-0.1990	-0.4836	*****	*****	*****	*****	-0.4836
0.675	*****	-0.3198	-0.3006	-0.2460	-0.5366	*****	*****	*****	*****	-0.5366
0.700	-0.4215	-0.3358	-0.3036	-0.3922	-0.6996	*****	*****	*****	*****	-0.6996
0.725	*****	-0.3521	*****	-0.6631	-0.8957	*****	*****	*****	*****	-0.8957
0.750	-0.4538	-0.3889	*****	-0.8916	-1.0274	*****	*****	*****	*****	-1.0274
0.775	*****	-0.5328	-0.7740	-1.0290	-1.0690	*****	*****	*****	*****	-1.0690
0.800	-0.4622	-0.7525	-0.9697	-0.9905	*****	*****	*****	*****	*****	*****
0.825	*****	-0.8215	-1.0000	-1.0044	-0.7794	*****	*****	*****	*****	-0.7794
0.850	-0.5297	-0.7410	-0.9767	-0.8955	-0.6304	*****	*****	*****	*****	-0.6304
0.875	*****	-0.7599	-0.9359	-0.7854	-0.5669	*****	*****	*****	*****	-0.5669
0.900	-0.7655	-1.0006	-0.8960	-0.7288	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0936	-0.8537	-0.7023	-0.5599	*****	*****	*****	*****	-0.5599
0.950	-0.8215	-0.9628	-0.8111	-0.6704	-0.4753	*****	*****	*****	*****	-0.4753
0.975	*****	-1.1566	-0.8256	-0.6442	-0.4198	*****	*****	*****	*****	-0.4198
1.000	-1.1595	-1.2817	-0.9172	-0.6617	-0.3845	*****	*****	*****	*****	-0.3845
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2094	0.2002	0.2438	*****	-0.3989	*****	*****	*****	*****	-0.3989
-0.600	0.2078	0.2088	0.2009	0.0401	-0.5907	*****	*****	*****	*****	-0.5907
-0.700	0.2244	0.2156	0.1988	0.0724	-0.5881	*****	*****	*****	*****	-0.5881
-0.800	*****	0.2214	0.1994	0.0921	-0.5865	*****	*****	*****	*****	-0.5865
-0.850	*****	*****	0.2116	0.1184	-0.5389	*****	*****	*****	*****	-0.5389
-0.900	*****	0.2586	0.2256	0.1295	-0.5329	*****	*****	*****	*****	-0.5329
-0.950	0.2857	0.2727	0.2446	0.1571	-0.5276	*****	*****	*****	*****	-0.5276
-0.975	0.2849	0.1635	0.2460	0.1886	-0.1674	*****	*****	*****	*****	-0.1674
-1.000	*****	0.1750	0.1985	0.1718	-0.0100	*****	*****	*****	*****	-0.0100
	-1.3097	-1.1194	-0.8313	-0.6512	-0.3865	*****	*****	*****	*****	-0.3865

Small Radius L.E.
 Run No. = 46 , Point No. = 984
 $C_N = 0.468$, $C_m = -0.0839$
 $\alpha = 10.2^\circ$, $M_\infty = 0.801$
 $R_{mac} = 59.7 \times 10^6$



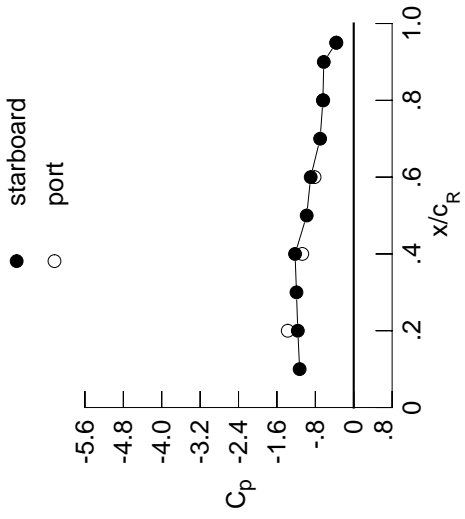
x/c_R	starb'd C_p	port C_p
0.10	-1.3836	*****
0.20	-1.1595	-1.3097
0.30	-1.1561	*****
0.40	-1.2817	-1.1194
0.50	-0.9867	*****
0.60	-0.9172	-0.8313
0.70	-0.7267	*****
0.80	-0.6617	-0.6512
0.90	-0.6440	*****
0.95	-0.3845	-0.3865

Table E3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2131	-0.2073	-0.0363	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2205	-0.2078	-0.0488	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2335	-0.2096	-0.0609	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2401	-0.2109	-0.0816	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2355	-0.1047	-0.2632	-0.4037	*****	*****	*****	*****	*****
0.300	-0.2530	-0.2371	-0.1281	-0.2670	-0.3141	*****	*****	*****	*****	*****
0.350	-0.2730	-0.2431	-0.1578	-0.2492	-0.2305	*****	*****	*****	*****	*****
0.400	-0.2879	-0.2506	-0.1527	-0.2276	-0.2946	*****	*****	*****	*****	*****
0.450	-0.3112	-0.2976	-0.1329	-0.2150	-0.3940	*****	*****	*****	*****	*****
0.500	-0.3419	-0.3104	-0.1554	-0.2050	-0.4692	*****	*****	*****	*****	*****
0.525	*****	-0.3010	-0.1512	-0.1994	-0.4981	*****	*****	*****	*****	*****
0.550	-0.3678	-0.3084	-0.1471	-0.1906	-0.5025	*****	*****	*****	*****	*****
0.575	*****	-0.3062	-0.1244	-0.1854	-0.5184	*****	*****	*****	*****	*****
0.600	-0.3835	-0.3077	-0.1385	-0.1889	-0.5121	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1330	-0.2095	-0.5303	*****	*****	*****	*****	*****
0.650	-0.4159	-0.3110	-0.2047	-0.2953	-0.6004	*****	*****	*****	*****	*****
0.675	*****	-0.3185	-0.3788	-0.4901	-0.7320	*****	*****	*****	*****	*****
0.700	-0.4285	-0.3060	-0.6316	-0.7551	-0.9230	*****	*****	*****	*****	*****
0.725	*****	-0.3035	*****	-0.9809	-1.0773	*****	*****	*****	*****	*****
0.750	-0.4260	-0.5436	*****	-1.1035	-1.1633	*****	*****	*****	*****	*****
0.775	*****	-0.8977	-1.1055	-1.1459	-1.0306	*****	*****	*****	*****	*****
0.800	-0.5134	-1.0771	-1.0736	-1.0904	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0272	-1.0271	-1.0690	-0.5742	*****	*****	*****	*****	*****
0.850	-0.8487	-0.9361	-0.9748	-0.8858	-0.5271	*****	*****	*****	*****	*****
0.875	*****	-0.9559	-0.9168	-0.7806	-0.5257	*****	*****	*****	*****	*****
0.900	-0.9793	-1.1137	-0.8741	-0.7524	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1470	-0.8366	-0.7013	-0.5483	*****	*****	*****	*****	*****
0.950	-0.9349	-1.0105	-0.8027	-0.6525	-0.4612	*****	*****	*****	*****	*****
0.975	*****	-1.1563	-0.8175	-0.6358	-0.4142	*****	*****	*****	*****	*****
1.000	-1.1651	-1.2220	-0.8969	-0.6422	-0.3651	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2381	0.2242	0.2610	*****	*****	*****	*****	*****	*****	*****
-0.600	0.2370	0.2335	0.2195	0.0540	-0.6190	*****	*****	*****	*****	*****
-0.700	0.2547	0.2403	0.2177	0.0880	-0.6271	*****	*****	*****	*****	*****
-0.800	*****	0.2477	0.2199	0.1067	-0.6149	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2322	0.1345	-0.5481	*****	*****	*****	*****	*****
-0.900	0.3062	0.2894	0.2460	0.1464	-0.5328	*****	*****	*****	*****	*****
-0.950	0.2975	0.1640	0.2615	0.1724	-0.5175	*****	*****	*****	*****	*****
-0.975	*****	0.1648	0.1910	0.1674	-0.1626	*****	*****	*****	*****	*****
-1.000	-1.3744	-1.0719	-0.8157	-0.6350	-0.3622	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 46 , Point No. = 985
 $C_N = 0.524$, $C_m = -0.0918$
 $\alpha = 11.3^\circ$, $M_\infty = 0.800$
 $R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1271	*****
0.20	-1.1651	-1.3744
0.30	-1.1931	*****
0.40	-1.2220	-1.0719
0.50	-0.9801	*****
0.60	-0.8969	-0.8157
0.70	-0.7002	*****
0.80	-0.6422	-0.6350
0.90	-0.6239	*****
0.95	-0.3651	-0.3622

Surface Pressures

● upper, starboard
 ○ lower, port

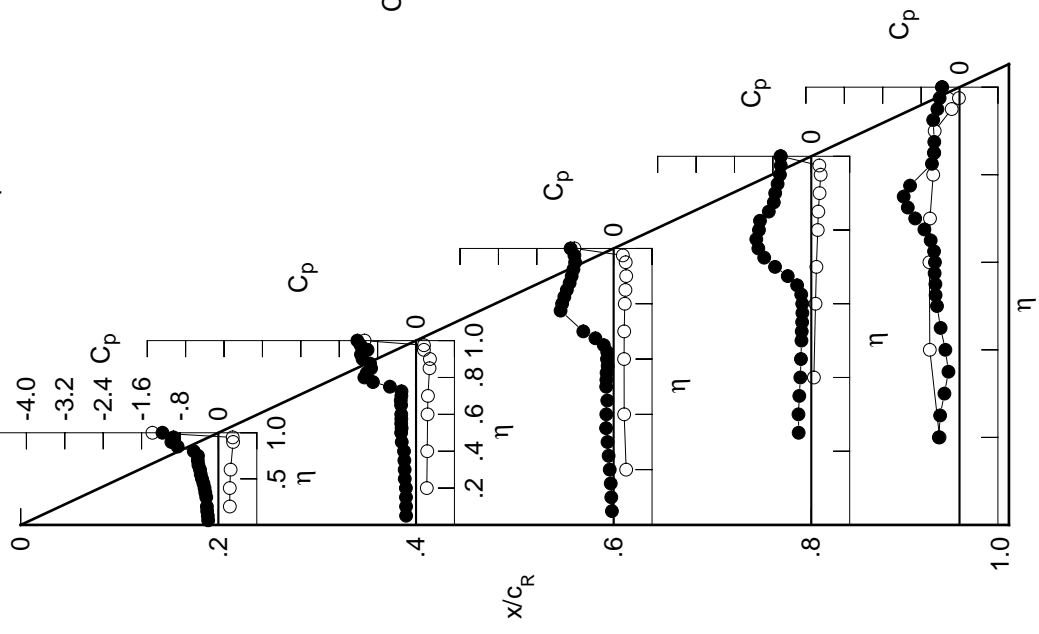


Table E3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2371	-0.2389	-0.0584	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2420	-0.2367	-0.0686	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2569	-0.2383	-0.0861	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2761	-0.2464	-0.1106	*****	*****	*****	*****	*****	*****	-0.4628
0.250	*****	-0.2685	-0.1272	-0.2761	-0.2672	-0.3982	*****	*****	*****	-0.4426
0.300	-0.2844	-0.2682	-0.1378	-0.2672	-0.2672	-0.3982	*****	*****	*****	-0.3982
0.350	-0.2943	-0.2692	-0.1603	-0.2600	-0.2600	-0.3430	*****	*****	*****	-0.3430
0.400	-0.3089	-0.2660	-0.1778	-0.2406	-0.2406	-0.3618	*****	*****	*****	-0.3618
0.450	-0.3365	-0.2996	-0.1629	-0.2263	-0.2263	-0.4283	*****	*****	*****	-0.4283
0.500	-0.3759	-0.3371	-0.1813	-0.2150	-0.2150	-0.4792	*****	*****	*****	-0.4792
0.525	*****	-0.3412	-0.1758	-0.2110	-0.2110	-0.4994	*****	*****	*****	-0.4994
0.550	-0.4034	-0.3460	-0.1730	-0.2076	-0.2076	-0.5008	*****	*****	*****	-0.5008
0.575	*****	-0.3385	-0.1576	-0.2188	-0.2188	-0.5252	*****	*****	*****	-0.5252
0.600	-0.4072	-0.3350	-0.1999	-0.2544	-0.2544	-0.5490	*****	*****	*****	-0.5490
0.625	*****	*****	-0.2417	-0.3339	-0.3339	-0.6226	*****	*****	*****	-0.6226
0.650	-0.4252	-0.3060	-0.4066	-0.4930	-0.4930	-0.7589	*****	*****	*****	-0.7589
0.675	*****	-0.3159	-0.6915	-0.7332	-0.7332	-0.9184	*****	*****	*****	-0.9184
0.700	-0.4111	-0.4608	-0.9523	-0.9778	-0.9778	-1.0942	*****	*****	*****	-1.0942
0.725	*****	-0.8569	*****	-1.1615	-1.1615	-1.2203	*****	*****	*****	-1.2203
0.750	-0.4187	-1.1555	*****	-1.2457	-1.2457	-0.8134	*****	*****	*****	-0.8134
0.775	*****	-1.2360	-1.2205	-1.2476	-1.2476	-0.6178	*****	*****	*****	-0.6178
0.800	-0.8671	-1.2159	-1.1630	-1.0398	-1.0398	*****	*****	*****	*****	*****
0.825	*****	-1.1147	-1.1003	-0.9516	-0.9516	-0.5023	*****	*****	*****	-0.5023
0.850	-1.0502	-1.0558	-1.0248	-0.8469	-0.8469	-0.4817	*****	*****	*****	-0.4817
0.875	*****	-1.0771	-0.9359	-0.8055	-0.8055	-0.4922	*****	*****	*****	-0.4922
0.900	-1.0466	-1.1446	-0.8747	-0.7815	-0.7815	*****	*****	*****	*****	*****
0.925	*****	-1.1164	-0.8283	-0.6986	-0.6986	-0.5078	*****	*****	*****	-0.5078
0.950	-0.9868	-0.9994	-0.7898	-0.6687	-0.6687	-0.4386	*****	*****	*****	-0.4386
0.975	*****	-1.0962	-0.7786	-0.6599	-0.6599	-0.3846	*****	*****	*****	-0.3846
1.000	-1.2227	-1.1418	-0.8608	-0.6569	-0.6569	-0.3250	*****	*****	*****	-0.3250
-0.200	$C_{p,l}$	0.2648	0.2470	0.2781	*****	-0.4099	$C_{p,l}$	0.2648	0.2470	0.2781
-0.400	0.2644	0.2554	0.2362	0.0678	0.0678	-0.6264	0.2644	0.2554	0.2362	0.0678
-0.600	0.2829	0.2642	0.2354	0.1008	0.1008	-0.6634	0.2829	0.2642	0.2354	0.1008
-0.700	*****	0.2715	0.2377	0.1203	0.1203	-0.6349	*****	0.2715	0.2377	0.1203
-0.800	*****	*****	0.2501	0.1478	0.1478	-0.5555	*****	*****	0.2501	0.1478
-0.850	*****	0.3005	0.2627	0.1593	0.1593	-0.5334	*****	0.3005	0.2627	0.1593
-0.900	0.3227	0.3017	0.2736	0.1829	0.1829	-0.5085	0.3227	0.3017	0.2736	0.1829
-0.950	0.3064	0.1644	0.2512	0.1963	0.1963	-0.1568	0.3064	0.1644	0.2512	0.1963
-0.975	*****	0.1499	0.1782	0.1546	0.1546	-0.0140	*****	0.1499	0.1782	0.1546
-1.000	-1.3330	-1.0560	-0.8087	-0.6651	-0.6651	-0.3194	-1.3330	-1.0560	-0.8087	-0.6651

Small Radius L.E.
 Run No. = 46 , Point No. = 986
 $C_N = 0.579$, $C_m = -0.0970$
 $\alpha = 12.4^\circ$, $M_\infty = 0.802$
 $R_{mac} = 59.6 \times 10^6$

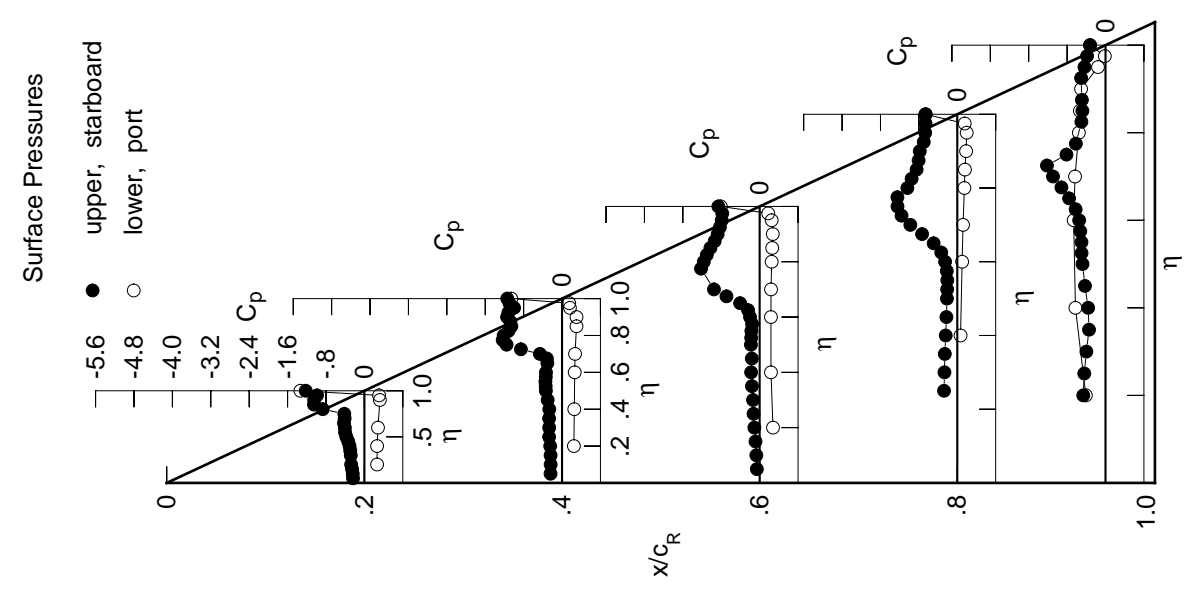
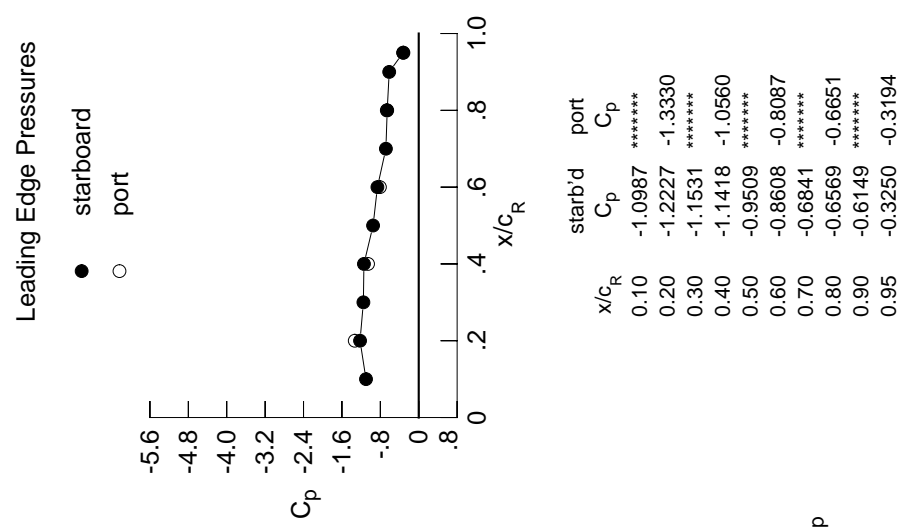


Table E3. Continued.

η	$x/c_R = 0.2$		$x/c_R = 0.4$		$x/c_R = 0.6$		$x/c_R = 0.8$		$x/c_R = 0.95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2640	-0.2720	-0.0768	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2637	-0.2683	-0.0866	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2847	-0.2787	-0.1087	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3054	-0.2851	-0.1308	*****	*****	*****	*****	*****	*****	-0.3521
0.250	*****	-0.2976	-0.1426	-0.2870	-0.2670	-0.2669	*****	*****	*****	-0.2669
0.300	-0.3074	-0.2946	-0.1469	-0.2672	-0.2672	-0.2743	*****	*****	*****	-0.2743
0.350	-0.3169	-0.2949	-0.1572	-0.2550	-0.2550	-0.3458	*****	*****	*****	-0.3458
0.400	-0.3289	-0.2883	-0.1651	-0.2364	-0.2364	-0.4408	*****	*****	*****	-0.4408
0.450	-0.3550	-0.2888	-0.1439	-0.2262	-0.2262	-0.5050	*****	*****	*****	-0.5050
0.500	-0.3869	-0.2734	-0.1699	-0.2210	-0.2210	-0.5351	*****	*****	*****	-0.5351
0.525	*****	-0.2758	-0.1692	-0.2252	-0.2252	-0.5550	*****	*****	*****	-0.5550
0.550	-0.4221	-0.2962	-0.1788	-0.2424	-0.2424	-0.5652	*****	*****	*****	-0.5652
0.575	*****	-0.3005	-0.2086	-0.2899	-0.2899	-0.6170	*****	*****	*****	-0.6170
0.600	-0.4191	-0.3371	-0.3650	-0.3824	-0.3824	-0.6869	*****	*****	*****	-0.6869
0.625	*****	*****	-0.5422	-0.5327	-0.8084	*****	*****	*****	*****	-0.8084
0.650	-0.3824	-0.7643	-0.8453	-0.7490	-0.9714	*****	*****	*****	*****	-0.9714
0.675	*****	-1.0882	-1.1039	-0.9926	-1.1259	*****	*****	*****	*****	-1.1259
0.700	-0.4613	-1.2651	-1.2588	-1.1948	-1.2025	*****	*****	*****	*****	-1.2025
0.725	*****	-1.3242	*****	-1.3367	-0.7630	*****	*****	*****	*****	-0.7630
0.750	-0.9348	-1.3078	*****	-1.3507	-0.6477	*****	*****	*****	*****	-0.6477
0.775	*****	-1.2489	-1.2582	-1.0398	-0.5541	*****	*****	*****	*****	-0.5541
0.800	-1.1476	-1.1681	-1.2102	-0.8730	*****	*****	*****	*****	*****	-0.8730
0.825	*****	-1.0877	-1.1112	-0.8324	-0.4871	*****	*****	*****	*****	-0.4871
0.850	-1.1974	-1.0582	-0.9818	-0.8141	-0.4740	*****	*****	*****	*****	-0.4740
0.875	*****	-1.0869	-0.9110	-0.8036	-0.4896	*****	*****	*****	*****	-0.4896
0.900	-1.1013	-1.1102	-0.8767	-0.7648	*****	*****	*****	*****	*****	-0.7648
0.925	*****	-1.0477	-0.8257	-0.7140	-0.4796	*****	*****	*****	*****	-0.4796
0.950	-1.1282	-0.9744	-0.7754	-0.7104	-0.4018	*****	*****	*****	*****	-0.4018
0.975	*****	-1.1002	-0.7588	-0.7007	-0.3547	*****	*****	*****	*****	-0.3547
1.000	-1.1994	-1.1099	-0.8441	-0.6930	-0.3019	*****	*****	*****	*****	-0.3019
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2952	0.2722	0.2952	*****	*****	-0.4533	*****	*****	*****	-0.4533
-0.600	0.2951	0.2805	0.2561	0.0803	0.0803	-0.6402	*****	*****	*****	-0.6402
-0.700	0.3131	0.2904	0.2529	0.1150	-0.6745	*****	*****	*****	*****	-0.6745
-0.800	*****	0.2967	0.2576	0.1343	-0.6424	*****	*****	*****	*****	-0.6424
-0.850	*****	*****	0.2681	0.1619	-0.5569	*****	*****	*****	*****	-0.5569
-0.900	*****	0.3210	0.2801	0.1747	-0.5310	*****	*****	*****	*****	-0.5310
-0.950	0.3415	0.3162	0.2868	0.1957	-0.5005	*****	*****	*****	*****	-0.5005
-0.975	0.3190	0.1629	0.2509	0.1988	-0.1517	*****	*****	*****	*****	-0.1517
-1.000	*****	0.1385	0.1656	0.1457	-0.0134	*****	*****	*****	*****	-0.0134
	-1.3225	-1.0362	-0.8272	-0.7061	-0.2874	*****	*****	*****	*****	-0.2874

Small Radius L.E.
 Run No. = 46 , Point No. = 987
 $C_N = 0.625$, $C_m = -0.0985$
 $\alpha = 13.4^\circ$, $M_\infty = 0.799$
 $R_{mac} = 59.6 \times 10^6$

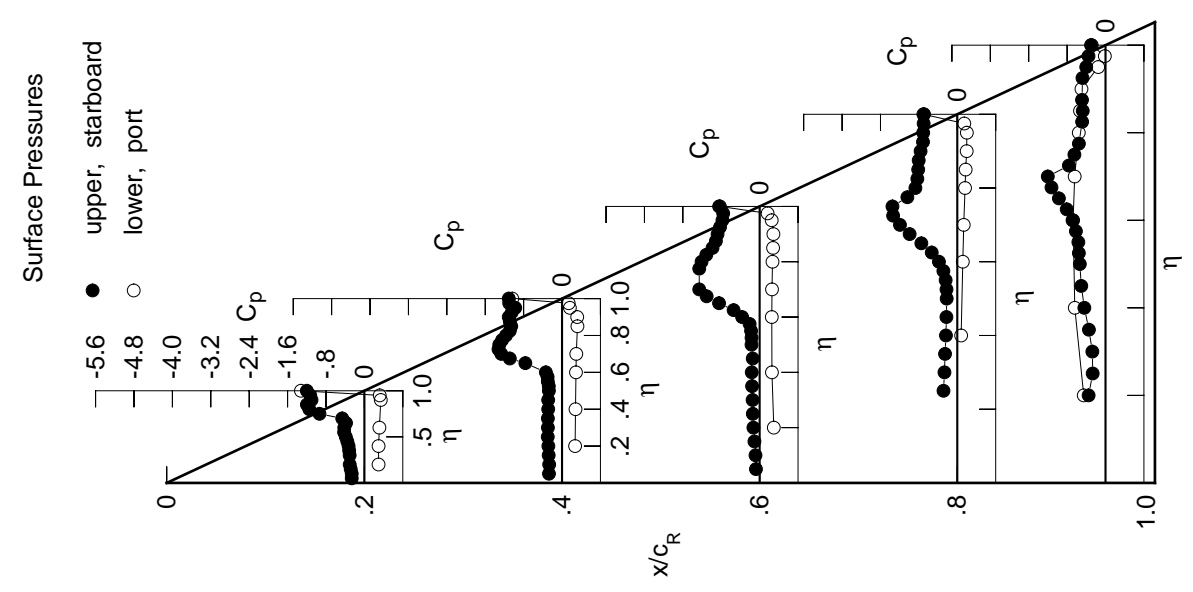
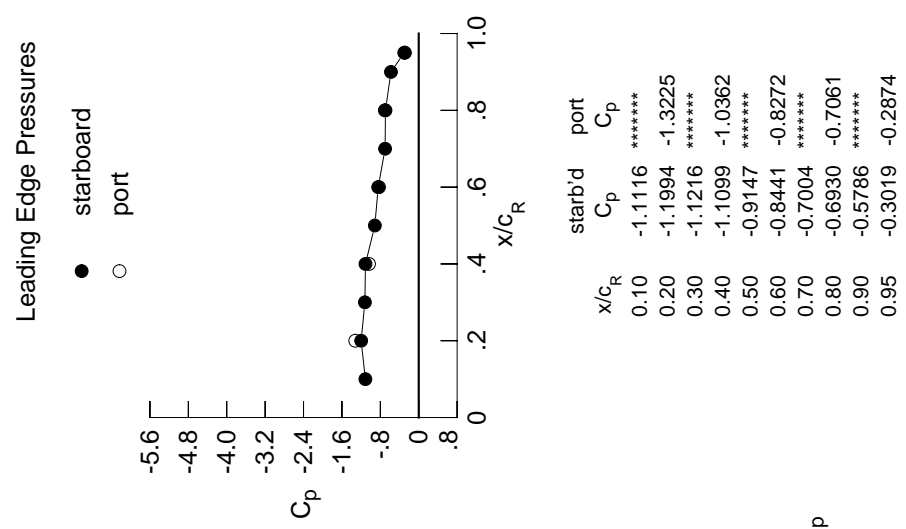
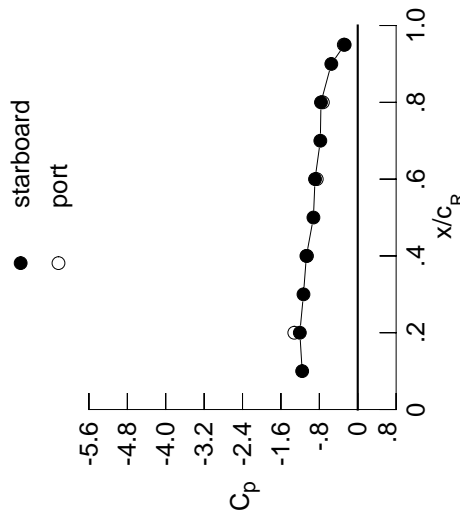


Table E3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2966	-0.3133	-0.0983	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2938	-0.3100	-0.1118	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3190	-0.3287	-0.1368	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3374	-0.3259	-0.1483	*****	*****	*****	*****	*****	*****	-0.3541
0.250	*****	-0.3308	-0.1598	-0.3044	-0.2703	*****	*****	*****	*****	-0.2703
0.300	-0.3351	-0.3294	-0.1676	-0.2881	-0.2847	*****	*****	*****	*****	-0.2847
0.350	-0.3455	-0.3333	-0.1796	-0.2751	-0.3569	*****	*****	*****	*****	-0.3569
0.400	-0.3559	-0.3304	-0.1857	-0.2580	-0.4539	*****	*****	*****	*****	-0.4539
0.450	-0.3806	-0.3332	-0.1636	-0.2530	-0.5178	*****	*****	*****	*****	-0.5178
0.500	-0.3977	-0.3137	-0.2010	-0.2658	-0.5613	*****	*****	*****	*****	-0.5613
0.525	*****	-0.3075	-0.2196	-0.2915	-0.5992	*****	*****	*****	*****	-0.5992
0.550	-0.4040	-0.3242	-0.2669	-0.3393	-0.6450	*****	*****	*****	*****	-0.6450
0.575	*****	-0.3525	-0.3524	-0.4316	-0.7417	*****	*****	*****	*****	-0.7417
0.600	-0.3557	-0.4679	-0.5754	-0.5674	-0.8533	*****	*****	*****	*****	-0.8533
0.625	*****	*****	-0.7896	-0.7469	-1.0002	*****	*****	*****	*****	-1.0002
0.650	-0.3812	-1.0808	-1.0458	-0.9565	-1.1620	*****	*****	*****	*****	-1.1620
0.675	*****	-1.3529	-1.2589	-1.1677	-1.0084	*****	*****	*****	*****	-1.0084
0.700	-1.0570	-1.4704	-1.3838	-1.3348	-0.6745	*****	*****	*****	*****	-0.6745
0.725	*****	-1.4899	*****	-1.0882	-0.5582	*****	*****	*****	*****	-0.5582
0.750	-1.2808	-1.4498	*****	-0.9213	-0.4923	*****	*****	*****	*****	-0.4923
0.775	*****	-1.4018	-1.2822	-0.8927	-0.4694	*****	*****	*****	*****	-0.4694
0.800	-1.2951	-1.3312	-1.1167	-0.8881	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2552	-1.0278	-0.8874	-0.4590	*****	*****	*****	*****	-0.4590
0.850	-1.2642	-1.2029	-1.0039	-0.8931	-0.4415	*****	*****	*****	*****	-0.4415
0.875	*****	-1.1637	-1.0072	-0.8536	-0.4398	*****	*****	*****	*****	-0.4398
0.900	-1.1778	-1.1094	-0.9636	-0.7991	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0449	-0.8701	-0.7739	-0.4158	*****	*****	*****	*****	-0.4158
0.950	-1.2088	-0.9883	-0.8309	-0.7799	-0.3546	*****	*****	*****	*****	-0.3546
0.975	*****	-1.0731	-0.8185	-0.7702	-0.3146	*****	*****	*****	*****	-0.3146
1.000	-1.2061	-1.0693	-0.8897	-0.7658	-0.2722	*****	*****	*****	*****	-0.2722
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3263	0.2966	0.3157	*****	-0.5435	*****	*****	*****	*****	-0.5435
-0.600	0.3262	0.3066	0.2746	0.0936	-0.6746	*****	*****	*****	*****	-0.6746
-0.700	0.3440	0.3135	0.2744	0.1282	-0.6764	*****	*****	*****	*****	-0.6764
-0.800	*****	0.3228	0.2782	0.1478	-0.6385	*****	*****	*****	*****	-0.6385
-0.850	*****	*****	0.2878	0.1767	-0.5519	*****	*****	*****	*****	-0.5519
-0.900	*****	0.3394	0.2972	0.1882	-0.5245	*****	*****	*****	*****	-0.5245
-0.950	0.3607	0.3283	0.2993	0.2073	-0.4894	*****	*****	*****	*****	-0.4894
-0.975	0.3301	0.1611	0.2522	0.2010	-0.1471	*****	*****	*****	*****	-0.1471
-1.000	*****	0.1235	0.1532	0.1360	-0.0173	*****	*****	*****	*****	-0.0173
-1.000	-1.3217	-1.0574	-0.8535	-0.7260	-0.2904	*****	*****	*****	*****	-0.2904

Small Radius L.E.
 Run No. = 46 , Point No. = 988
 $C_N = 0.672$, $C_m = -0.1011$
 $\alpha = 14.4^\circ$, $M_\infty = 0.795$
 $R_{mac} = 59.5 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1573	*****
0.20	-1.2061	-1.3217
0.30	-1.1306	*****
0.40	-1.0693	-1.0574
0.50	-0.9229	*****
0.60	-0.8897	-0.8535
0.70	-0.7791	*****
0.80	-0.7658	-0.7260
0.90	-0.5504	*****
0.95	-0.2722	-0.2904

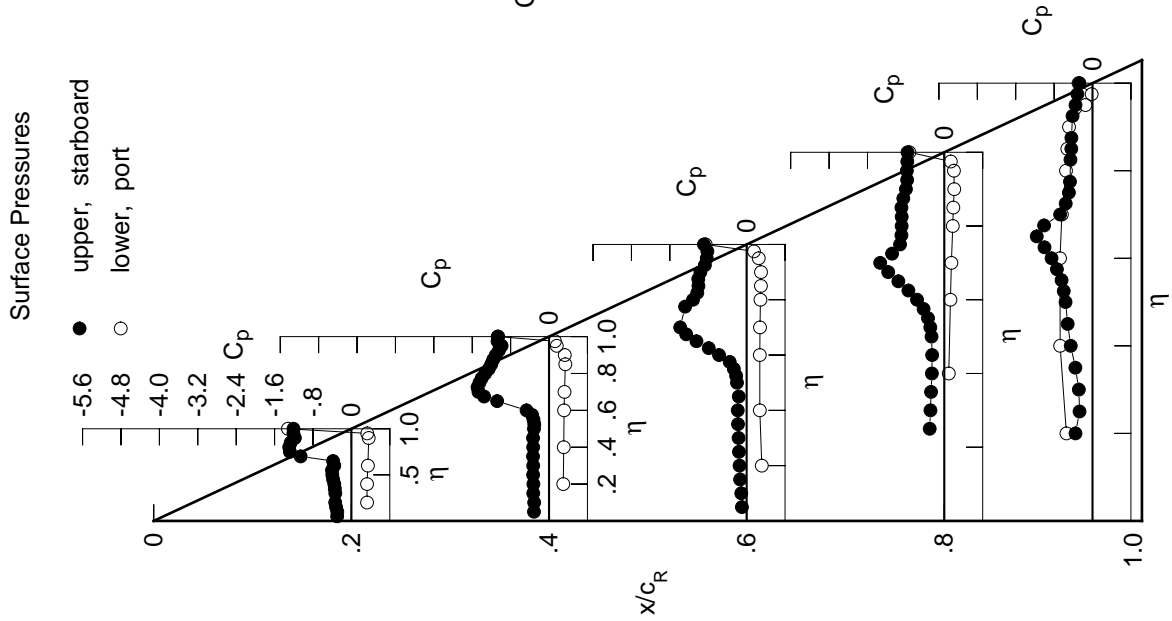
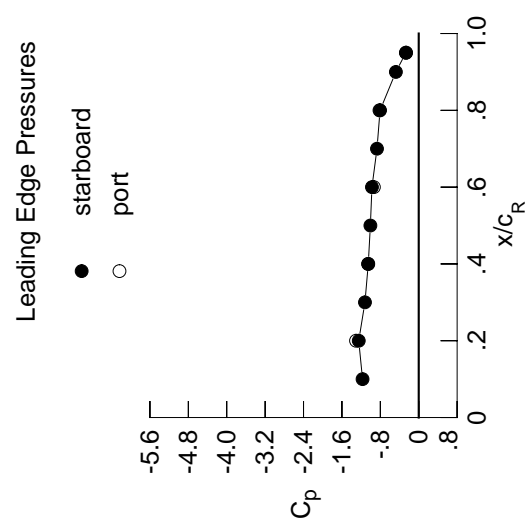


Table E3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3530	-0.3840	-0.1346	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3515	-0.3875	-0.1494	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3777	-0.4002	-0.1703	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3866	-0.3947	-0.1812	*****	*****	*****	*****	*****	*****	-0.4348
0.250	*****	-0.3986	-0.1951	-0.3383	-0.3726	*****	*****	*****	*****	*****
0.300	-0.3686	-0.3984	-0.2071	-0.3226	-0.3685	*****	*****	*****	*****	*****
0.350	-0.3877	-0.4025	-0.2209	-0.3163	-0.4048	*****	*****	*****	*****	*****
0.400	-0.3962	-0.3996	-0.2392	-0.3107	-0.4833	*****	*****	*****	*****	*****
0.450	-0.4034	-0.4059	-0.2458	-0.3392	-0.5576	*****	*****	*****	*****	*****
0.500	-0.3995	-0.4219	-0.3648	-0.4240	-0.6567	*****	*****	*****	*****	*****
0.525	*****	-0.4639	-0.4602	-0.5030	-0.7393	*****	*****	*****	*****	*****
0.550	-0.3956	-0.5815	-0.5945	-0.6137	-0.8326	*****	*****	*****	*****	*****
0.575	*****	-0.7598	-0.7512	-0.7623	-0.9674	*****	*****	*****	*****	*****
0.600	-0.6440	-1.0113	-0.9933	-0.9275	-1.0941	*****	*****	*****	*****	*****
0.625	*****	*****	-1.1698	-1.0950	-1.2004	*****	*****	*****	*****	*****
0.650	-1.2987	-1.4624	-1.3445	-1.2570	-0.7626	*****	*****	*****	*****	*****
0.675	*****	-1.6218	-1.4927	-1.2647	-0.6520	*****	*****	*****	*****	*****
0.700	-1.4428	-1.6904	-1.4879	-0.9648	-0.5479	*****	*****	*****	*****	*****
0.725	*****	-1.6994	*****	-0.9037	-0.4860	*****	*****	*****	*****	*****
0.750	-1.4364	-1.5841	*****	-0.8886	-0.4620	*****	*****	*****	*****	*****
0.775	*****	-1.5066	-1.1588	-0.8964	-0.4497	*****	*****	*****	*****	*****
0.800	-1.3855	-1.3873	-1.1367	-0.9139	*****	*****	*****	*****	*****	*****
0.825	*****	-1.3001	-1.1226	-0.9157	-0.4218	*****	*****	*****	*****	*****
0.850	-1.3190	-1.2556	-1.1075	-0.9054	-0.4030	*****	*****	*****	*****	*****
0.875	*****	-1.2091	-1.0556	-0.8654	-0.3967	*****	*****	*****	*****	*****
0.900	-1.2524	-1.1446	-0.9911	-0.8395	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0886	-0.9502	-0.8273	-0.3767	*****	*****	*****	*****	*****
0.950	-1.2462	-1.0473	-0.9360	-0.8264	-0.3251	*****	*****	*****	*****	*****
0.975	*****	-1.0880	-0.9318	-0.8140	-0.2994	*****	*****	*****	*****	*****
1.000	-1.2499	-1.0512	-0.9746	-0.8060	-0.2672	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3833	0.3439	0.3505	*****	*****	*****	*****	*****	*****	-0.5591
-0.600	0.3838	0.3524	0.3105	0.1238	-0.6857	*****	*****	*****	*****	*****
-0.700	0.3989	0.3598	0.3093	0.1572	-0.6742	*****	*****	*****	*****	*****
-0.800	*****	0.3663	0.3118	0.1768	-0.6304	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3199	0.2033	-0.5368	*****	*****	*****	*****	*****
-0.900	0.3894	0.3464	0.3156	0.2274	-0.4634	*****	*****	*****	*****	*****
-0.950	0.3453	0.1600	0.2425	0.1990	-0.1367	*****	*****	*****	*****	*****
-0.975	*****	0.0944	0.1177	0.1088	-0.0227	*****	*****	*****	*****	*****
-1.000	-1.3064	-1.0543	-0.9340	-0.8176	-0.2629	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 46 , Point No. = 989
 $C_N = 0.768$, $C_m = -0.1068$
 $\alpha = 16.5^\circ$, $M_\infty = 0.799$
 $R_{mac} = 60.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.1707	*****
0.20	-1.2499	-1.3064
0.30	-1.1203	*****
0.40	-1.0512	-1.0543
0.50	-1.0074	*****
0.60	-0.9746	-0.9340
0.70	-0.8696	*****
0.80	-0.8060	-0.8176
0.90	-0.4763	*****
0.95	-0.2672	-0.2629

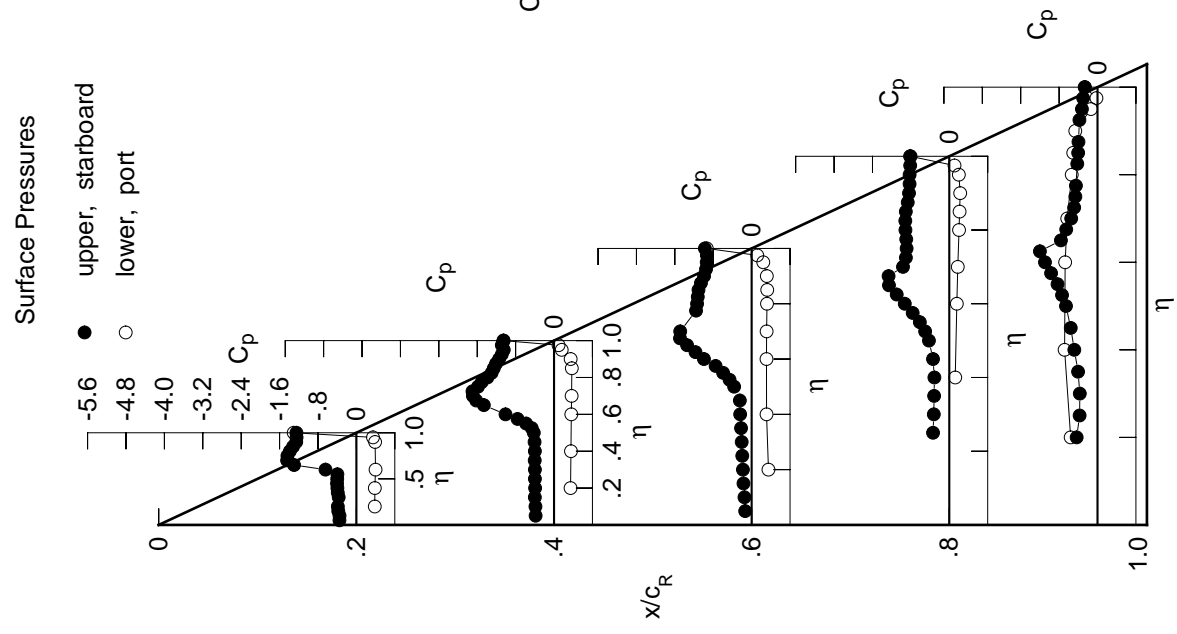


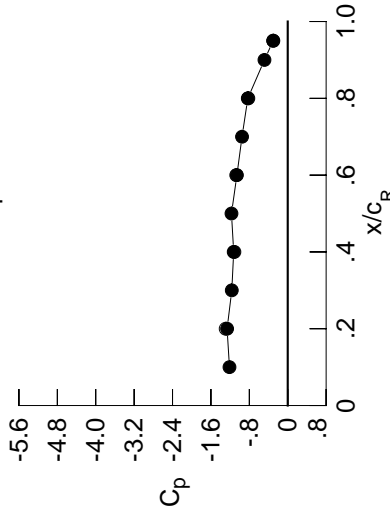
Table E3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4176	-0.4721	-0.1878	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4262	-0.4807	-0.2028	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4365	-0.4863	-0.2255	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4420	-0.4792	-0.2353	*****	*****	*****	*****	*****	*****	-0.4728
0.250	*****	-0.4843	-0.2558	-0.3937	-0.3937	-0.3937	-0.3937	-0.3937	-0.3937	-0.4870
0.300	-0.4230	-0.4824	-0.2750	-0.3821	-0.4977	-0.4977	-0.4977	-0.4977	-0.4977	-0.4977
0.350	-0.4418	-0.4874	-0.3056	-0.3858	-0.5111	-0.5111	-0.5111	-0.5111	-0.5111	-0.5111
0.400	-0.4405	-0.4953	-0.3562	-0.4048	-0.5708	-0.5708	-0.5708	-0.5708	-0.5708	-0.5708
0.450	-0.4352	-0.5434	-0.4252	-0.4803	-0.6501	-0.6501	-0.6501	-0.6501	-0.6501	-0.6501
0.500	-0.4428	-0.6538	-0.6360	-0.6407	-0.7896	-0.7896	-0.7896	-0.7896	-0.7896	-0.7896
0.525	*****	-0.7677	-0.7751	-0.7600	-0.8873	-0.8873	-0.8873	-0.8873	-0.8873	-0.8873
0.550	-0.7162	-0.9778	-0.9371	-0.9011	-0.9924	-0.9924	-0.9924	-0.9924	-0.9924	-0.9924
0.575	*****	-1.1844	-1.0955	-1.0599	-1.1243	-1.1243	-1.1243	-1.1243	-1.1243	-1.1243
0.600	-1.3891	-1.3912	-1.3010	-1.2139	-0.9191	-0.9191	-0.9191	-0.9191	-0.9191	-0.9191
0.625	*****	*****	-1.4385	-1.3522	-0.7150	-0.7150	-0.7150	-0.7150	-0.7150	-0.7150
0.650	-1.7024	-1.6763	-1.5437	-1.3863	-0.6830	-0.6830	-0.6830	-0.6830	-0.6830	-0.6830
0.675	*****	-1.7943	-1.2350	-1.0681	-0.6620	-0.6620	-0.6620	-0.6620	-0.6620	-0.6620
0.700	-1.6285	-1.6503	-1.1874	-1.0175	-0.6251	-0.6251	-0.6251	-0.6251	-0.6251	-0.6251
0.725	*****	-1.5752	*****	-1.0113	-0.5800	-0.5800	-0.5800	-0.5800	-0.5800	-0.5800
0.750	-1.5828	-1.5767	*****	-1.0117	-0.5383	-0.5383	-0.5383	-0.5383	-0.5383	-0.5383
0.775	*****	-1.5618	-1.1731	-1.0171	-0.4984	-0.4984	-0.4984	-0.4984	-0.4984	-0.4984
0.800	-1.4845	-1.4866	-1.1914	-1.0227	*****	*****	*****	*****	*****	*****
0.825	*****	-1.3852	-1.1945	-1.0046	-0.4413	-0.4413	-0.4413	-0.4413	-0.4413	-0.4413
0.850	-1.3785	-1.3255	-1.1576	-0.9807	-0.4183	-0.4183	-0.4183	-0.4183	-0.4183	-0.4183
0.875	*****	-1.2872	-1.1028	-0.9297	-0.4227	-0.4227	-0.4227	-0.4227	-0.4227	-0.4227
0.900	-1.2937	-1.2243	-1.0747	-0.8858	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1644	-1.0594	-0.8597	-0.4267	-0.4267	-0.4267	-0.4267	-0.4267	-0.4267
0.950	-1.2677	-1.1385	-1.0491	-0.8529	-0.3536	-0.3536	-0.3536	-0.3536	-0.3536	-0.3536
0.975	*****	-1.1802	-1.0456	-0.8421	-0.3288	-0.3288	-0.3288	-0.3288	-0.3288	-0.3288
1.000	-1.2634	-1.1258	-1.0588	-0.8317	-0.3035	-0.3035	-0.3035	-0.3035	-0.3035	-0.3035
$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4368	0.3880	0.3847	*****	-0.5497	-0.5497	-0.5497	-0.5497	-0.5497	-0.5497
-0.400	0.4388	0.3956	0.3445	0.1535	-0.6621	-0.6621	-0.6621	-0.6621	-0.6621	-0.6621
-0.600	0.4505	0.4013	0.3432	0.1861	-0.6498	-0.6498	-0.6498	-0.6498	-0.6498	-0.6498
-0.700	*****	0.4065	0.3450	0.2050	-0.6076	-0.6076	-0.6076	-0.6076	-0.6076	-0.6076
-0.800	*****	*****	0.3481	0.2296	-0.5116	-0.5116	-0.5116	-0.5116	-0.5116	-0.5116
-0.850	*****	0.3943	0.3477	0.2392	-0.4816	-0.4816	-0.4816	-0.4816	-0.4816	-0.4816
-0.900	0.4126	0.3548	0.3251	0.2440	-0.4351	-0.4351	-0.4351	-0.4351	-0.4351	-0.4351
-0.950	0.3537	0.1382	0.2223	0.1945	-0.1293	-0.1293	-0.1293	-0.1293	-0.1293	-0.1293
-0.975	*****	0.0541	0.0685	0.0818	-0.0374	-0.0374	-0.0374	-0.0374	-0.0374	-0.0374
-1.000	-1.2931	-1.1108	-1.0725	-0.8210	-0.2999	-0.2999	-0.2999	-0.2999	-0.2999	-0.2999

Small Radius L.E.
 Run No. = 46 , Point No. = 990
 $C_N = 0.886$, $C_m = -0.1251$
 $\alpha = 18.6^\circ$, $M_\infty = 0.801$
 $R_{mac} = 59.7 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2139	*****
0.20	-1.2634	-1.2931
0.30	-1.1653	*****
0.40	-1.1258	-1.1108
0.50	-1.1721	*****
0.60	-1.0588	-1.0725
0.70	-0.9522	*****
0.80	-0.8317	-0.8210
0.90	-0.4847	*****
0.95	-0.3035	-0.2999

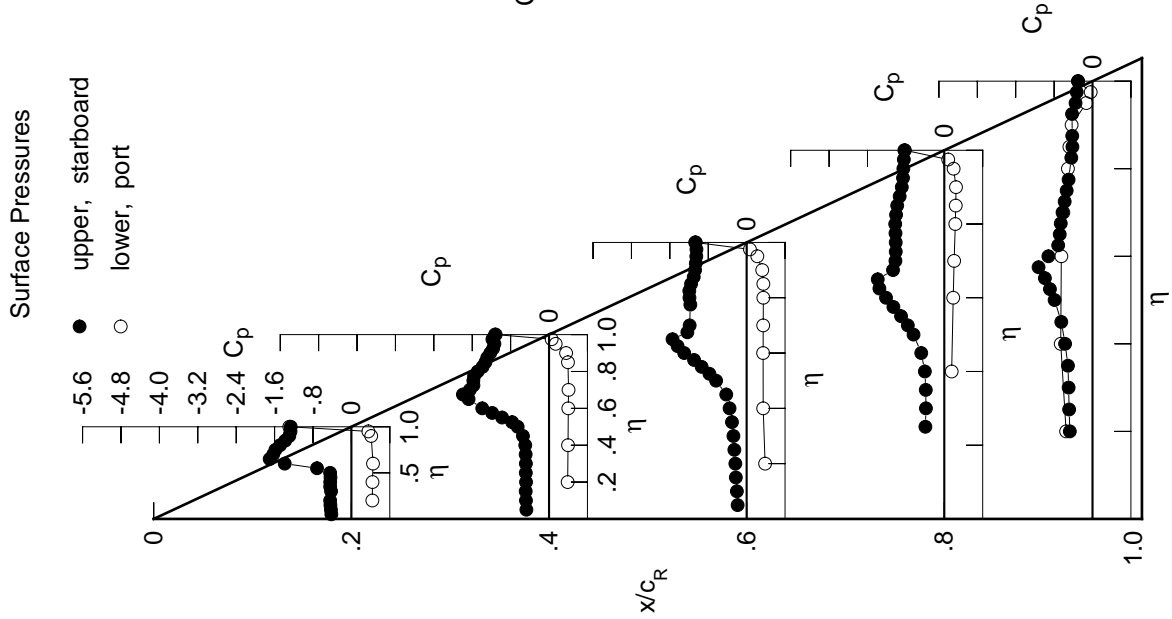
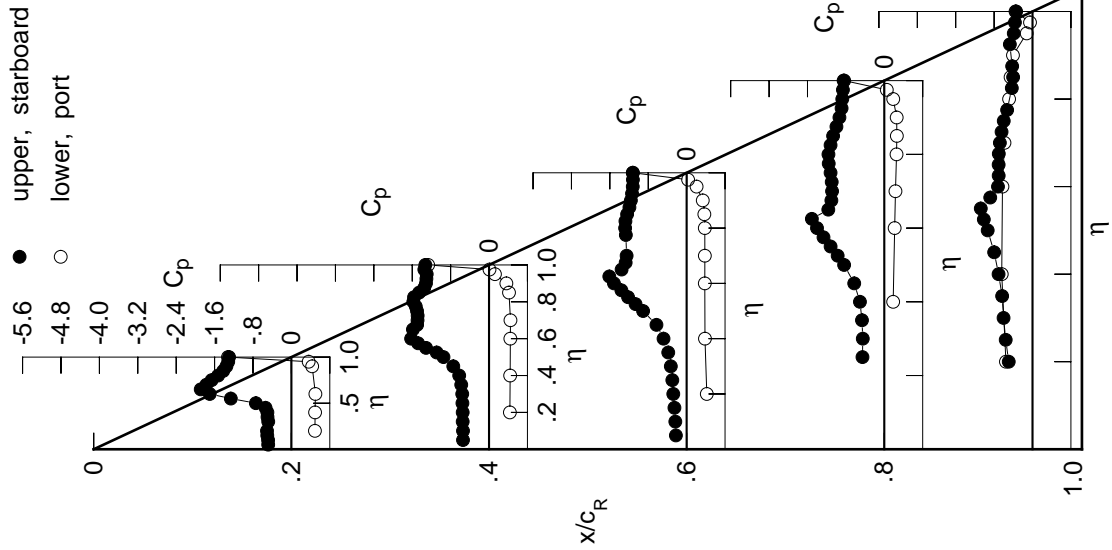


Table E3. Continued.

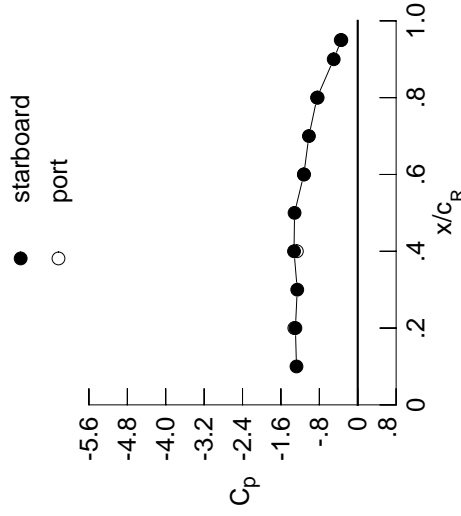
η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4828	-0.5420	-0.2242	*****	*****
0.100	-0.4853	-0.5420	-0.2359	*****	*****
0.150	-0.5022	-0.5491	-0.2542	*****	*****
0.200	-0.5084	-0.5488	-0.2783	*****	-0.4953
0.250	*****	-0.5542	-0.2986	-0.4548	-0.5585
0.300	-0.4823	-0.5586	-0.3295	-0.4479	-0.6030
0.350	-0.4972	-0.5795	-0.3835	-0.4650	-0.6328
0.400	-0.5003	-0.6216	-0.4819	-0.5069	-0.7069
0.450	-0.5383	-0.7449	-0.6290	-0.6262	-0.7988
0.500	-0.7398	-0.9490	-0.9075	-0.8366	-0.9340
0.525	*****	-1.0909	-1.0637	-0.9711	-1.0143
0.550	-1.2614	-1.3119	-1.2200	-1.1186	-1.0774
0.575	*****	-1.4776	-1.3595	-1.2663	-0.8808
0.600	-1.7005	-1.6236	-1.5146	-1.4016	-0.7194
0.625	*****	*****	-1.6109	-1.5090	-0.7046
0.650	-1.8887	-1.5857	-1.3551	-1.1662	-0.7054
0.675	*****	-1.4983	-1.2702	-1.1023	-0.7028
0.700	-1.7723	-1.4892	-1.2508	-1.0882	-0.6798
0.725	*****	-1.4876	*****	-1.0954	-0.6446
0.750	-1.6614	-1.5003	*****	-1.1192	-0.5993
0.775	*****	-1.5261	-1.2665	-1.1579	-0.5285
0.800	-1.5260	-1.5775	-1.2816	-1.1636	*****
0.825	*****	-1.5624	-1.2753	-1.1193	-0.4312
0.850	-1.4202	-1.4558	-1.2397	-1.0664	-0.4044
0.875	*****	-1.3508	-1.1917	-0.9968	-0.4241
0.900	-1.3545	-1.3138	-1.1616	-0.9341	*****
0.925	*****	-1.3048	-1.1373	-0.8893	-0.4722
0.950	-1.3158	-1.2982	-1.1226	-0.8750	-0.3906
0.975	*****	-1.3480	-1.1192	-0.8612	-0.3664
1.000	-1.2982	-1.3273	-1.1227	-0.8475	-0.3416
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4907	0.4342	0.4201	*****	-0.5538
-0.400	0.4938	0.4401	0.3820	0.1851	-0.6412
-0.600	0.5002	0.4443	0.3782	0.2162	-0.6261
-0.700	*****	0.4465	0.3792	0.2330	-0.5839
-0.800	*****	*****	0.3782	0.2549	-0.4882
-0.850	*****	0.4159	0.3692	0.2619	-0.4568
-0.900	0.4328	0.3606	0.3362	0.2581	-0.4072
-0.950	0.3597	0.1234	0.2072	0.1868	-0.1217
-0.975	*****	0.0098	0.0301	0.0523	-0.0522
-1.000	-1.3210	-1.2679	-1.1201	-0.8353	-0.3535

Surface Pressures



Small Radius L.E.
 Run No. = 46, Point No. = 991
 $C_N = 0.999$, $C_m = -0.1408$
 $\alpha = 20.7^\circ$, $M_\infty = 0.799$
 $R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

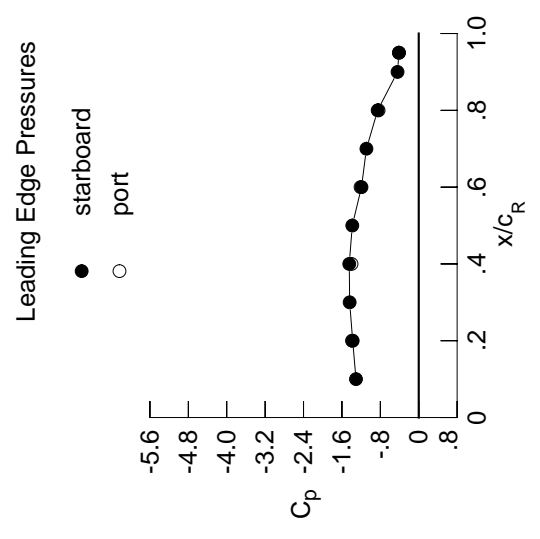


x/c_R	starb'd C_p	port C_p
0.10	-1.2762	*****
0.20	-1.2982	-1.3210
0.30	-1.2600	*****
0.40	-1.3273	-1.2679
0.50	-1.3163	*****
0.60	-1.1227	-1.1201
0.70	-1.0171	*****
0.80	-0.8475	-0.8353
0.90	-0.5008	*****
0.95	-0.3416	-0.3535

Table E3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5570	-0.6232	-0.2576	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5753	-0.6248	-0.2742	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5782	-0.6326	-0.2969	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5832	-0.6370	-0.3204	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6572	-0.3609	-0.5243	-0.6200	*****	*****	*****	*****	*****
0.300	-0.5665	-0.6838	-0.4145	-0.5281	-0.6891	*****	*****	*****	*****	*****
0.350	-0.5968	-0.7403	-0.5074	-0.5648	-0.7378	*****	*****	*****	*****	*****
0.400	-0.6516	-0.8394	-0.6600	-0.6398	-0.8343	*****	*****	*****	*****	*****
0.450	-0.8172	-1.0268	-0.8742	-0.7928	-0.9537	*****	*****	*****	*****	*****
0.500	-1.1793	-1.2459	-1.1735	-1.0113	-1.1157	*****	*****	*****	*****	*****
0.525	*****	-1.3565	-1.3206	-1.1390	-1.1702	*****	*****	*****	*****	*****
0.550	-1.5988	-1.5450	-1.4568	-1.2665	-0.7610	*****	*****	*****	*****	*****
0.575	*****	-1.6590	-1.5689	-1.3941	-0.6522	*****	*****	*****	*****	*****
0.600	-1.8662	-1.7607	-1.6836	-1.5067	-0.6098	*****	*****	*****	*****	*****
0.625	*****	*****	-1.6194	-1.2556	-0.5769	*****	*****	*****	*****	*****
0.650	-1.9085	-1.5037	-1.3991	-1.1185	-0.5444	*****	*****	*****	*****	*****
0.675	*****	-1.5022	-1.3865	-1.1047	-0.5068	*****	*****	*****	*****	*****
0.700	-1.7991	-1.5034	-1.3884	-1.1013	-0.4808	*****	*****	*****	*****	*****
0.725	*****	-1.5115	*****	-1.1101	-0.4696	*****	*****	*****	*****	*****
0.750	-1.7580	-1.5281	*****	-1.1282	-0.4676	*****	*****	*****	*****	*****
0.775	*****	-1.5563	-1.3922	-1.1670	-0.4852	*****	*****	*****	*****	*****
0.800	-1.5237	-1.5554	-1.4091	-1.2066	*****	*****	*****	*****	*****	*****
0.825	*****	-1.5131	-1.4036	-1.2113	-0.5365	*****	*****	*****	*****	*****
0.850	-1.4548	-1.4716	-1.3453	-1.1618	-0.5176	*****	*****	*****	*****	*****
0.875	*****	-1.4482	-1.2620	-1.0386	-0.5222	*****	*****	*****	*****	*****
0.900	-1.4075	-1.4397	-1.2179	-0.9452	*****	*****	*****	*****	*****	*****
0.925	*****	-1.4339	-1.2151	-0.9102	-0.5476	*****	*****	*****	*****	*****
0.950	-1.3845	-1.4225	-1.2198	-0.9110	-0.4631	*****	*****	*****	*****	*****
0.975	*****	-1.4512	-1.2074	-0.8893	-0.4392	*****	*****	*****	*****	*****
1.000	-1.3761	-1.4473	-1.1926	-0.8556	-0.4125	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.4810	0.4579	*****	-0.5468	*****	*****	*****	*****	*****
-0.400	0.5487	0.4876	0.4197	0.2167	0.6198	*****	*****	*****	*****	*****
-0.600	0.5501	0.4885	0.4144	0.2478	0.6020	*****	*****	*****	*****	*****
-0.700	*****	0.4877	0.4147	0.2628	0.5585	*****	*****	*****	*****	*****
-0.800	*****	*****	0.4074	0.2818	-0.4651	*****	*****	*****	*****	*****
-0.850	*****	0.4377	0.3904	0.2847	-0.4313	*****	*****	*****	*****	*****
-0.900	0.4520	0.3682	0.3447	0.2715	-0.3836	*****	*****	*****	*****	*****
-0.950	0.3664	0.1139	0.1900	0.1785	-0.1207	*****	*****	*****	*****	*****
-0.975	*****	-0.0285	-0.0090	0.0264	-0.0721	*****	*****	*****	*****	*****
-1.000	-1.3896	-1.4003	-1.2123	-0.8364	-0.4111	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 46, Point No. = 992
 $C_N = 1.095$, $C_m = -0.1498$
 $\alpha = 22.7^\circ$, $M_\infty = 0.800$
 $R_{mac} = 59.5 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.3071	*****
0.20	-1.3761	-1.3896
0.30	-1.4391	*****
0.40	-1.4473	-1.4003
0.50	-1.3844	*****
0.60	-1.1926	-1.2123
0.70	-1.0895	*****
0.80	-0.8556	-0.8364
0.90	-0.4420	*****
0.95	-0.4125	-0.4111

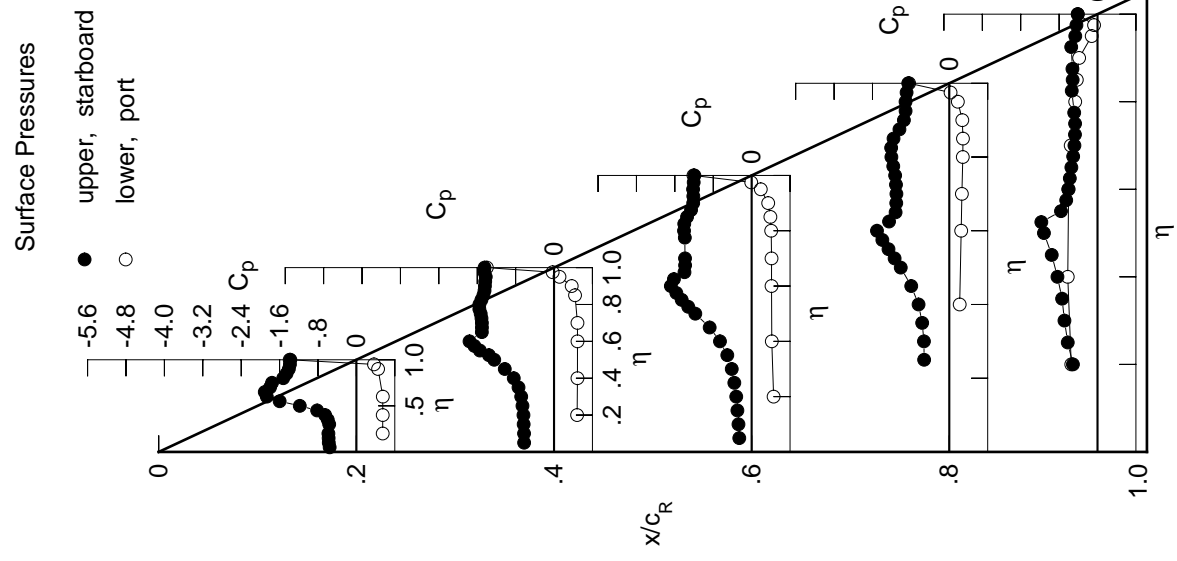


Table E3. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6508	-0.6766	-0.1468	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6639	-0.6818	-0.1780	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6674	-0.6871	-0.2105	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6778	-0.6992	-0.2455	*****	*****	*****	*****	*****	*****	-0.4395
0.250	*****	-0.7330	-0.3036	-0.7415	-0.5822	*****	*****	*****	*****	*****
0.300	-0.6838	-0.7820	-0.3792	-0.7583	-0.6766	*****	*****	*****	*****	*****
0.350	-0.7524	-0.8762	-0.4950	-0.8034	-0.7439	*****	*****	*****	*****	*****
0.400	-0.8871	-1.0236	-0.6724	-0.8790	-0.8523	*****	*****	*****	*****	*****
0.450	-1.1408	-1.2467	-0.8868	-1.0104	-0.9764	*****	*****	*****	*****	*****
0.500	-1.4765	-1.4479	-1.1825	-1.1897	-1.1096	*****	*****	*****	*****	*****
0.525	*****	-1.5369	-1.3195	-1.2877	-1.1494	*****	*****	*****	*****	*****
0.550	-1.7643	-1.7023	-1.4443	-1.3907	-1.0120	*****	*****	*****	*****	*****
0.575	-1.7782	-1.7876	-1.5525	-1.4906	-0.7574	*****	*****	*****	*****	*****
0.600	*****	-1.8633	-1.6693	-1.5172	-0.6168	*****	*****	*****	*****	*****
0.625	*****	*****	-1.6759	-1.2337	-0.5499	*****	*****	*****	*****	*****
0.650	-1.6834	-1.6242	-1.4232	-1.1818	-0.5298	*****	*****	*****	*****	*****
0.675	*****	-1.6139	-1.3823	-1.1798	-0.5285	*****	*****	*****	*****	*****
0.700	-1.6988	-1.5986	-1.3680	-1.1793	-0.5363	*****	*****	*****	*****	*****
0.725	*****	-1.5997	*****	-1.1888	-0.5419	*****	*****	*****	*****	*****
0.750	-1.7675	-1.6106	*****	-1.2026	-0.5423	*****	*****	*****	*****	*****
0.775	*****	-1.6367	-1.3487	-1.2385	-0.5403	*****	*****	*****	*****	*****
0.800	-1.7269	-1.6550	-1.3854	-1.2739	*****	*****	*****	*****	*****	*****
0.825	*****	-1.6150	-1.4396	-1.2556	-0.5500	*****	*****	*****	*****	*****
0.850	-1.5202	-1.5494	-1.4254	-1.1924	-0.5358	*****	*****	*****	*****	*****
0.875	*****	-1.5027	-1.3121	-1.0941	-0.5372	*****	*****	*****	*****	*****
0.900	-1.5061	-1.4881	-1.2062	-1.0373	*****	*****	*****	*****	*****	*****
0.925	*****	-1.4823	-1.1509	-1.0236	-0.5371	*****	*****	*****	*****	*****
0.950	-1.5161	-1.4801	-1.1398	-1.0357	-0.4726	*****	*****	*****	*****	*****
0.975	*****	-1.5012	-1.1318	-1.0182	-0.4510	*****	*****	*****	*****	*****
1.000	-1.5161	-1.5126	-1.1362	-0.9665	-0.4164	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.6003	0.5282	0.4930	*****	-0.5543	*****	*****	*****	*****	*****
-0.600	0.6011	0.5331	0.4577	0.2416	-0.6233	*****	*****	*****	*****	*****
-0.700	0.5964	0.5315	0.4533	0.2690	-0.6007	*****	*****	*****	*****	*****
-0.800	*****	0.5281	0.4520	0.2831	-0.5587	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4432	0.2969	-0.4648	*****	*****	*****	*****	*****
-0.900	0.4676	0.3775	0.3752	0.2983	-0.4320	*****	*****	*****	*****	*****
-0.950	0.3694	0.1133	0.2187	0.1772	-0.1338	*****	*****	*****	*****	*****
-0.975	*****	-0.0550	0.0268	0.0218	-0.0989	*****	*****	*****	*****	*****
-1.000	-1.4991	-1.4729	-0.7821	-0.7609	-0.4383	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 46 , Point No. = 993
 $C_N = 1.149$, $C_m = -0.1624$
 $\alpha = 24.7^\circ$, $M_\infty = 0.799$
 $R_{mac} = 59.4 \times 10^6$

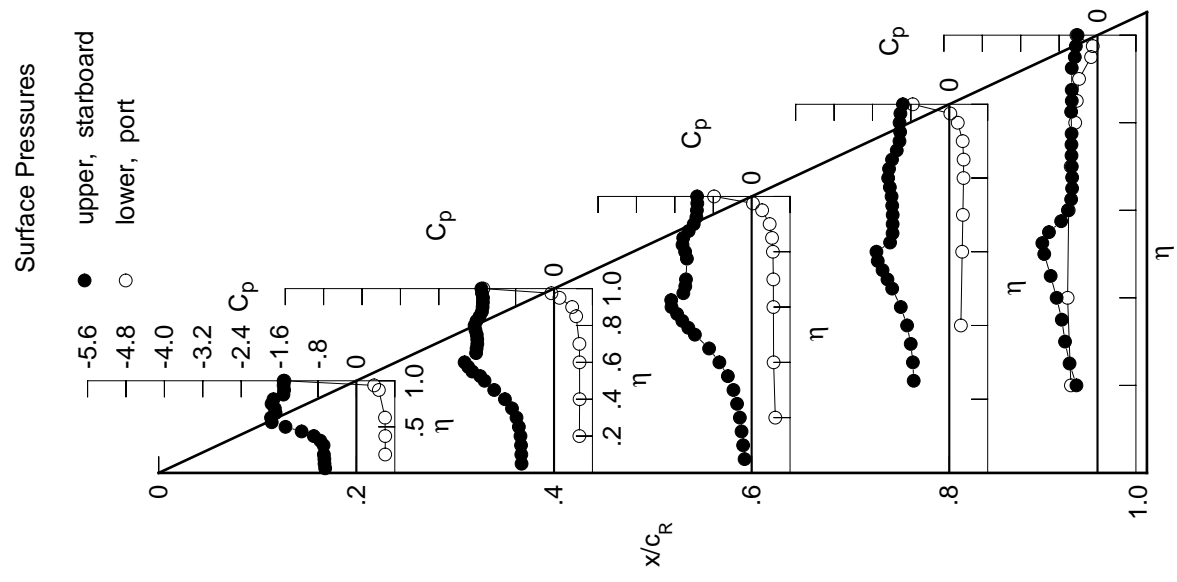
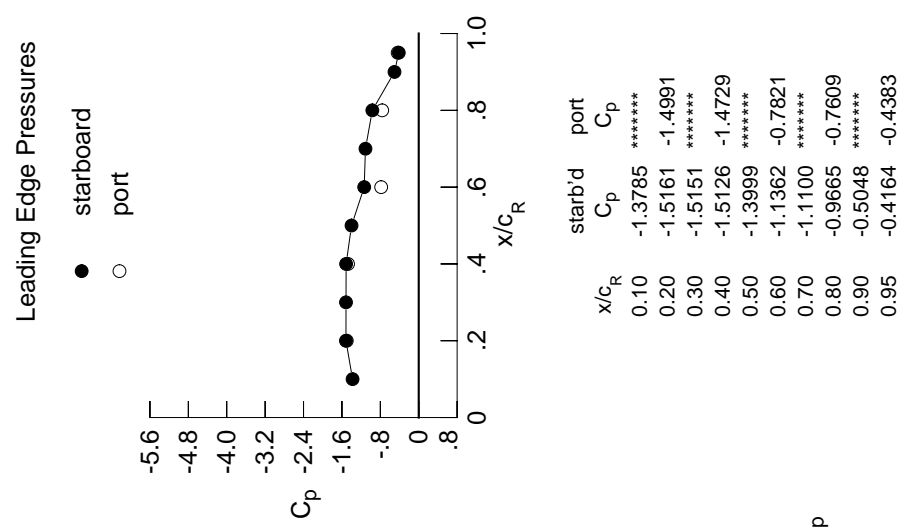


Table E3. Continued.

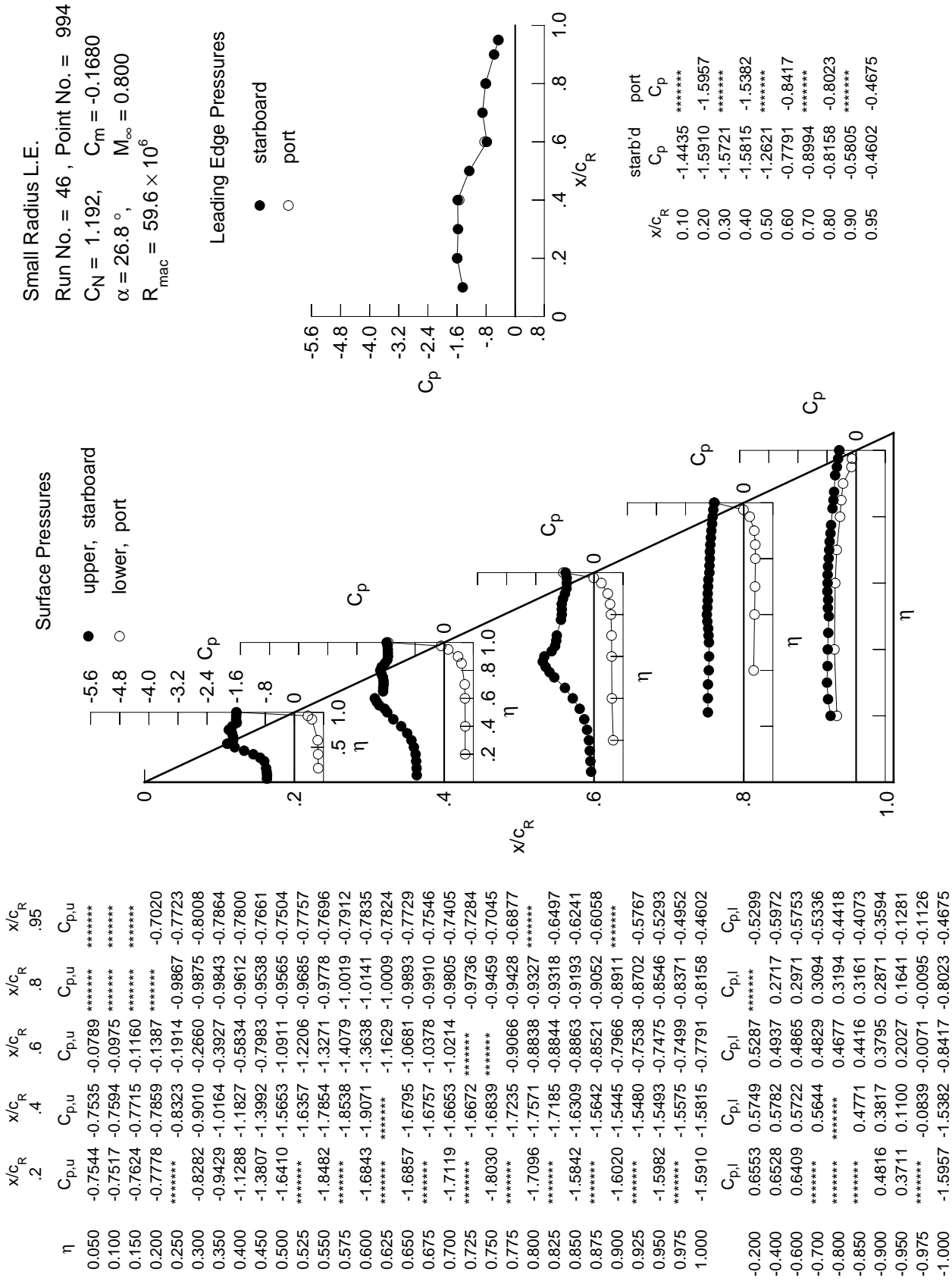


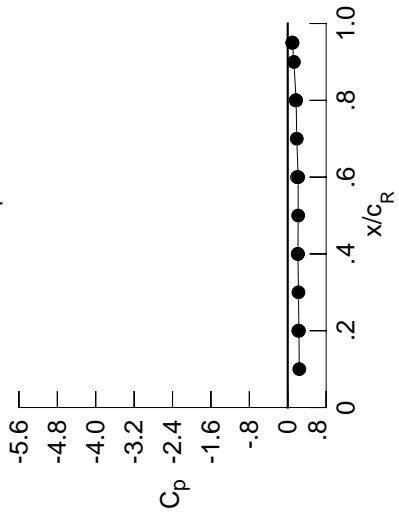
Table E3. Concluded.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0055	0.0080	0.1270	*****	*****	*****	*****	*****	*****	
0.100	-0.0034	0.0077	0.1165	*****	*****	*****	*****	*****	*****	
0.150	-0.0071	0.0058	0.1033	*****	*****	*****	*****	*****	*****	
0.200	-0.0105	0.0108	0.0914	*****	*****	*****	*****	*****	-0.2674	
0.250	*****	0.0047	0.0786	-0.1196	-0.3348	*****	*****	*****	*****	
0.300	-0.0126	0.0064	0.0675	-0.1060	-0.3972	*****	*****	*****	*****	
0.350	-0.0225	0.0035	0.0580	-0.0959	-0.4269	*****	*****	*****	*****	
0.400	-0.0277	0.0027	0.0502	-0.0849	-0.4587	*****	*****	*****	*****	
0.450	-0.0370	-0.0035	0.0591	-0.0782	-0.4754	*****	*****	*****	*****	
0.500	-0.0400	-0.0011	0.0316	-0.0752	-0.4818	*****	*****	*****	*****	
0.525	*****	-0.0063	0.0310	-0.0740	-0.4938	*****	*****	*****	*****	
0.550	-0.0475	-0.0130	0.0266	-0.0699	-0.4913	*****	*****	*****	*****	
0.575	*****	-0.0128	0.0325	-0.0695	-0.5039	*****	*****	*****	*****	
0.600	-0.0485	-0.0166	0.0173	-0.0705	-0.5040	*****	*****	*****	*****	
0.625	*****	*****	0.0192	-0.0666	-0.5019	*****	*****	*****	*****	
0.650	-0.0472	-0.0216	0.0131	-0.0665	-0.4973	*****	*****	*****	*****	
0.675	*****	-0.0291	0.0050	-0.0688	-0.4793	*****	*****	*****	*****	
0.700	-0.0401	-0.0377	0.0037	-0.0678	-0.4653	*****	*****	*****	*****	
0.725	*****	-0.0438	*****	-0.0676	-0.4519	*****	*****	*****	*****	
0.750	-0.0292	-0.0519	*****	-0.0683	-0.4295	*****	*****	*****	*****	
0.775	*****	-0.0575	-0.0204	-0.0761	-0.4014	*****	*****	*****	*****	
0.800	-0.0067	-0.0594	-0.0311	-0.0832	*****	*****	*****	*****	*****	
0.825	*****	-0.0588	-0.0438	-0.0843	-0.4249	*****	*****	*****	*****	
0.850	0.0229	-0.0534	-0.0521	-0.0961	-0.4425	*****	*****	*****	*****	
0.875	*****	-0.0403	-0.0551	-0.1109	-0.6536	*****	*****	*****	*****	
0.900	0.0652	-0.0172	-0.0511	-0.1148	*****	*****	*****	*****	*****	
0.925	*****	0.0137	-0.0319	-0.1043	-1.0377	*****	*****	*****	*****	
0.950	0.1045	0.0429	0.0023	-0.0736	-0.3633	*****	*****	*****	*****	
0.975	*****	0.0900	0.0728	-0.0094	-0.1826	*****	*****	*****	*****	
1.000	0.2326	0.2127	0.2179	0.1748	0.0956	*****	*****	*****	*****	
η	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.200	-0.0177	0.0031	0.0915	*****	-0.4113	*****	*****	*****	*****	
-0.400	-0.0473	0.0009	0.0367	-0.0992	-0.4465	*****	*****	*****	*****	
-0.600	-0.0726	-0.0190	0.0110	-0.0816	-0.5126	*****	*****	*****	*****	
-0.700	*****	-0.0534	-0.0140	-0.0792	-0.5968	*****	*****	*****	*****	
-0.800	*****	*****	-0.0571	-0.0950	-0.6245	*****	*****	*****	*****	
-0.850	*****	-0.0777	-0.0808	-0.1272	-0.7151	*****	*****	*****	*****	
-0.900	-0.0069	-0.0484	-0.0856	-0.1522	-0.7775	*****	*****	*****	*****	
-0.950	0.0319	0.0119	-0.0288	-0.1138	-0.3958	*****	*****	*****	*****	
-0.975	*****	0.0656	0.0269	-0.0454	-0.2248	*****	*****	*****	*****	
-1.000	0.2200	0.2085	0.1926	0.1651	0.0986	*****	*****	*****	*****	

Small Radius L.E.
 Run No. = 46 , Point No. = 995
 $C_N = -0.013$, $C_m = 0.0011$
 $\alpha = -0.3^\circ$, $M_\infty = 0.801$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2417	*****
0.20	0.2326	0.2200
0.30	0.2233	*****
0.40	0.2127	0.2085
0.50	0.2174	*****
0.60	0.2179	0.1926
0.70	0.1883	*****
0.80	0.1748	0.1651
0.90	0.1282	*****
0.95	0.0956	0.0986

Surface Pressures

● upper, starboard
 ○ lower, port

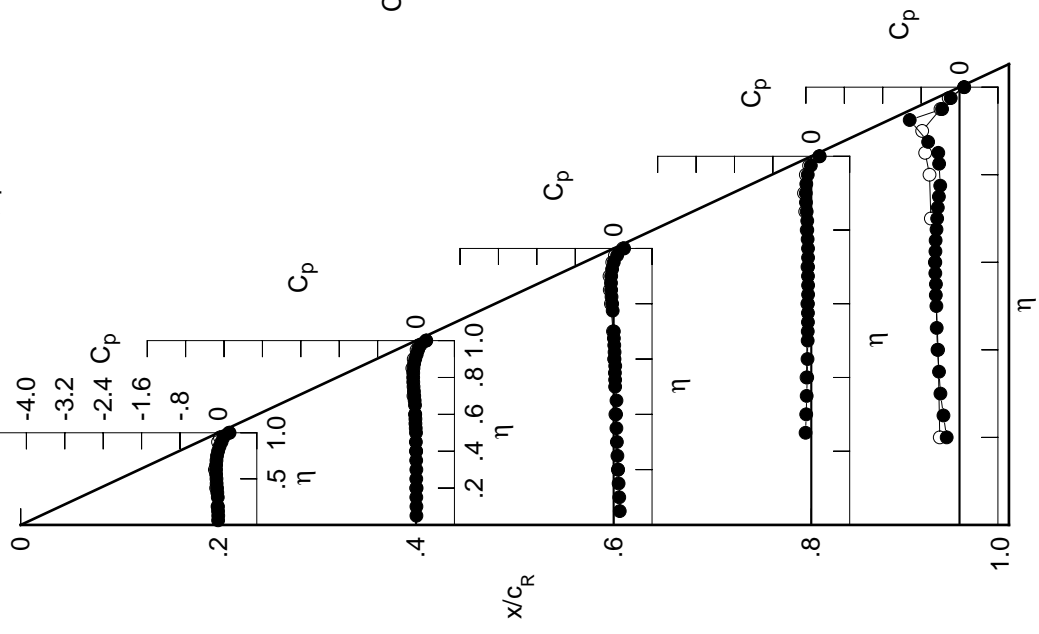


Table E4. Tabulations and Plots of Surface Pressure Coefficients.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	0.0015	0.0150	0.1355	0.1355	0.1355	0.1355	0.1355	0.1355	0.1355	0.1355
0.100	0.0039	0.0130	0.1251	0.1251	0.1251	0.1251	0.1251	0.1251	0.1251	0.1251
0.150	0.0005	0.0132	0.1117	0.1117	0.1117	0.1117	0.1117	0.1117	0.1117	0.1117
0.200	-0.0035	0.0170	0.1007	0.1007	0.1007	0.1007	0.1007	0.1007	0.1007	0.1007
0.250	0.0000	0.0124	0.0876	0.0876	0.0876	0.0876	0.0876	0.0876	0.0876	0.0876
0.300	-0.0058	0.0130	0.0779	0.0779	0.0779	0.0779	0.0779	0.0779	0.0779	0.0779
0.350	-0.0151	0.0099	0.0675	0.0675	0.0675	0.0675	0.0675	0.0675	0.0675	0.0675
0.400	-0.0195	0.0097	0.0599	0.0599	0.0599	0.0599	0.0599	0.0599	0.0599	0.0599
0.450	-0.0280	0.0048	0.0688	0.0688	0.0688	0.0688	0.0688	0.0688	0.0688	0.0688
0.500	-0.0307	0.0067	0.0421	0.0421	0.0421	0.0421	0.0421	0.0421	0.0421	0.0421
0.525	0.0000	0.0017	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410	0.0410
0.550	-0.0374	-0.0035	0.0386	0.0386	0.0386	0.0386	0.0386	0.0386	0.0386	0.0386
0.575	0.0000	-0.0052	0.0426	0.0426	0.0426	0.0426	0.0426	0.0426	0.0426	0.0426
0.600	-0.0381	-0.0081	0.0279	0.0279	0.0279	0.0279	0.0279	0.0279	0.0279	0.0279
0.625	0.0000	0.0000	0.0308	0.0308	0.0308	0.0308	0.0308	0.0308	0.0308	0.0308
0.650	-0.0364	-0.0130	0.0237	0.0237	0.0237	0.0237	0.0237	0.0237	0.0237	0.0237
0.675	0.0000	-0.0192	0.0170	0.0170	0.0170	0.0170	0.0170	0.0170	0.0170	0.0170
0.700	-0.0285	-0.0270	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154	0.0154
0.725	0.0000	-0.0330	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.750	-0.0164	-0.0401	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.775	0.0000	-0.0449	-0.0059	-0.0059	-0.0059	-0.0059	-0.0059	-0.0059	-0.0059	-0.0059
0.800	0.0061	-0.0461	-0.0159	-0.0159	-0.0159	-0.0159	-0.0159	-0.0159	-0.0159	-0.0159
0.825	0.0000	-0.0453	-0.0284	-0.0284	-0.0284	-0.0284	-0.0284	-0.0284	-0.0284	-0.0284
0.850	0.0369	-0.0373	-0.0353	-0.0353	-0.0353	-0.0353	-0.0353	-0.0353	-0.0353	-0.0353
0.875	0.0000	-0.0233	-0.0361	-0.0361	-0.0361	-0.0361	-0.0361	-0.0361	-0.0361	-0.0361
0.900	0.0799	0.0011	-0.0312	-0.0312	-0.0312	-0.0312	-0.0312	-0.0312	-0.0312	-0.0312
0.925	0.0000	0.0320	-0.0104	-0.0104	-0.0104	-0.0104	-0.0104	-0.0104	-0.0104	-0.0104
0.950	0.1192	0.0618	0.0253	0.0253	0.0253	0.0253	0.0253	0.0253	0.0253	0.0253
0.975	0.0000	0.1083	0.0948	0.0948	0.0948	0.0948	0.0948	0.0948	0.0948	0.0948
1.000	0.2328	0.2058	0.2014	0.2014	0.2014	0.2014	0.2014	0.2014	0.2014	0.2014
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	-0.0247	-0.0028	0.0904	0.0904	0.0904	0.0904	0.0904	0.0904	0.0904	0.0904
-0.600	-0.0544	-0.0041	0.0377	0.0377	0.0377	0.0377	0.0377	0.0377	0.0377	0.0377
-0.700	-0.0807	-0.0264	0.0108	0.0108	0.0108	0.0108	0.0108	0.0108	0.0108	0.0108
-0.800	0.0000	-0.0619	-0.0165	-0.0165	-0.0165	-0.0165	-0.0165	-0.0165	-0.0165	-0.0165
-0.850	0.0000	0.0000	-0.0634	-0.0634	-0.0634	-0.0634	-0.0634	-0.0634	-0.0634	-0.0634
-0.900	0.0000	-0.0921	-0.0901	-0.0901	-0.0901	-0.0901	-0.0901	-0.0901	-0.0901	-0.0901
-0.950	-0.0196	-0.0649	-0.0992	-0.0992	-0.0992	-0.0992	-0.0992	-0.0992	-0.0992	-0.0992
-0.975	0.0000	0.0040	-0.0462	-0.0462	-0.0462	-0.0462	-0.0462	-0.0462	-0.0462	-0.0462
-1.000	0.2136	0.1971	0.1694	0.1694	0.1694	0.1694	0.1694	0.1694	0.1694	0.1694

Small Radius L.E.
 Run No. = 47, Point No. = 996
 $C_N = -0.025$, $C_m = 0.0026$
 $\alpha = -0.7^\circ$, $M_\infty = 0.829$
 $R_{mac} = 59.5 \times 10^6$

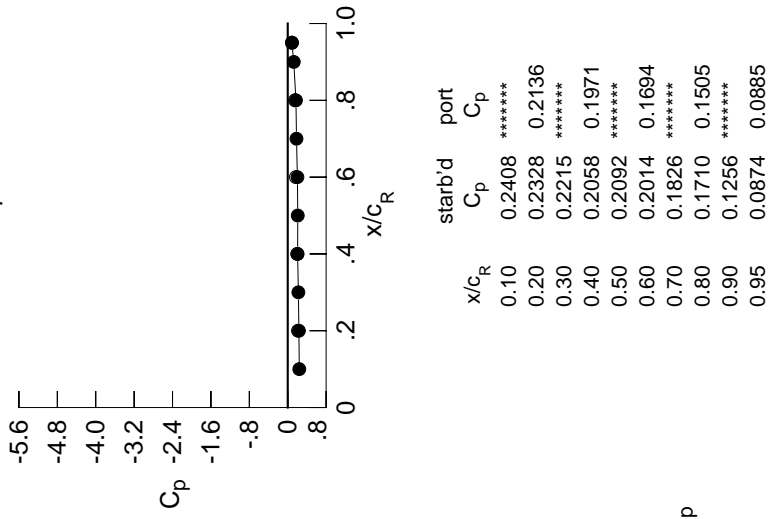
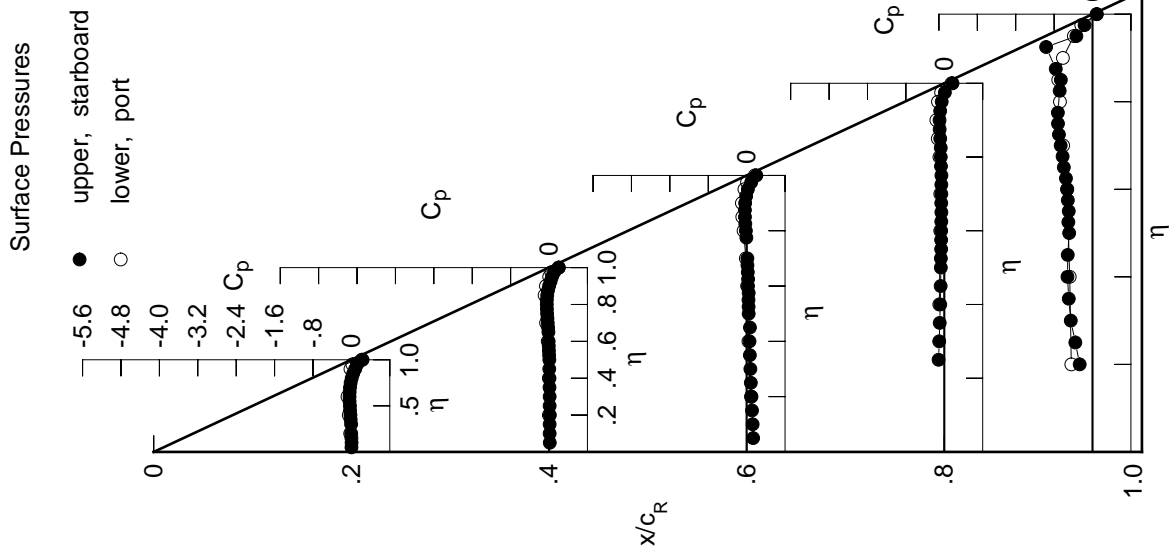


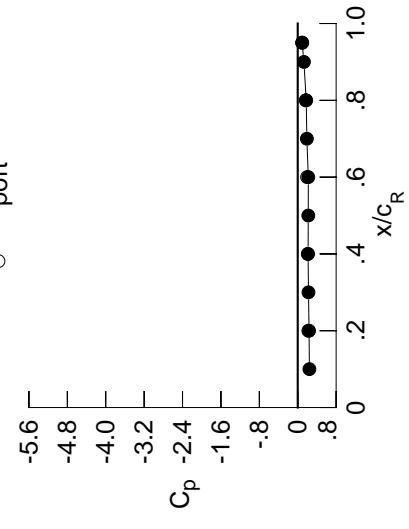
Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0048	0.0090	0.1314	*****	*****	*****	*****	*****	*****	
0.100	-0.0015	0.0079	0.1210	*****	*****	*****	*****	*****	*****	
0.150	-0.0058	0.0074	0.1074	*****	*****	*****	*****	*****	*****	
0.200	-0.0091	0.0120	0.0961	*****	*****	*****	*****	*****	-0.2659	
0.250	*****	0.0066	0.0813	-0.1238	-0.1238	-0.3542	-0.3542	-0.3542	-0.3542	
0.300	-0.0121	0.0076	0.0735	-0.1092	-0.1092	-0.4464	-0.4464	-0.4464	-0.4464	
0.350	-0.0217	0.0039	0.0623	-0.0996	-0.0996	-0.4881	-0.4881	-0.4881	-0.4881	
0.400	-0.0266	0.0035	0.0553	-0.0859	-0.0859	-0.5159	-0.5159	-0.5159	-0.5159	
0.450	-0.0358	-0.0010	0.0634	-0.0803	-0.0803	-0.5084	-0.5084	-0.5084	-0.5084	
0.500	-0.0391	-0.0002	0.0371	-0.0758	-0.0758	-0.4773	-0.4773	-0.4773	-0.4773	
0.525	*****	-0.0044	0.0355	-0.0757	-0.0757	-0.4920	-0.4920	-0.4920	-0.4920	
0.550	-0.0461	-0.0111	0.0320	-0.0698	-0.0698	-0.4829	-0.4829	-0.4829	-0.4829	
0.575	*****	-0.0122	0.0366	-0.0702	-0.0702	-0.5009	-0.5009	-0.5009	-0.5009	
0.600	-0.0476	-0.0156	0.0213	-0.0708	-0.0708	-0.5069	-0.5069	-0.5069	-0.5069	
0.625	*****	*****	0.0241	-0.0675	-0.0675	-0.5331	-0.5331	-0.5331	-0.5331	
0.650	-0.0465	-0.0212	0.0167	-0.0660	-0.0660	-0.5735	-0.5735	-0.5735	-0.5735	
0.675	*****	-0.0281	0.0101	-0.0695	-0.0695	-0.5976	-0.5976	-0.5976	-0.5976	
0.700	-0.0392	-0.0354	0.0076	-0.0667	-0.0667	-0.6366	-0.6366	-0.6366	-0.6366	
0.725	*****	-0.0429	*****	-0.0672	-0.0672	-0.6756	-0.6756	-0.6756	-0.6756	
0.750	-0.0273	-0.0502	0.0157	-0.0668	-0.0668	-0.7001	-0.7001	-0.7001	-0.7001	
0.775	*****	-0.0560	-0.0157	-0.0759	-0.0759	-0.7078	-0.7078	-0.7078	-0.7078	
0.800	-0.0058	-0.0576	-0.0271	-0.0823	-0.0823	*****	*****	*****	*****	
0.825	*****	-0.0581	-0.0396	-0.0829	-0.0829	-0.6665	-0.6665	-0.6665	-0.6665	
0.850	0.0245	-0.0520	-0.0484	-0.0946	-0.0946	-0.6533	-0.6533	-0.6533	-0.6533	
0.875	*****	-0.0386	-0.0506	-0.1089	-0.1089	-0.7732	-0.7732	-0.7732	-0.7732	
0.900	0.0672	-0.0140	-0.0473	-0.1131	-0.1131	*****	*****	*****	*****	
0.925	*****	0.0161	-0.0280	-0.1031	-0.1031	-0.9715	-0.9715	-0.9715	-0.9715	
0.950	0.1060	0.0448	0.0067	-0.0727	-0.0727	-0.3469	-0.3469	-0.3469	-0.3469	
0.975	*****	0.0919	0.0764	-0.0082	-0.0082	-0.1787	-0.1787	-0.1787	-0.1787	
1.000	0.2358	0.2154	0.2203	0.1771	0.1771	0.0918	0.0918	0.0918	0.0918	
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.400	-0.0177	0.0029	0.0944	*****	*****	-0.4460	-0.4460	-0.4460	-0.4460	
-0.600	-0.0471	0.0014	0.0422	-0.1003	-0.1003	-0.4827	-0.4827	-0.4827	-0.4827	
-0.700	-0.0720	-0.0191	0.0167	-0.0790	-0.0790	-0.5368	-0.5368	-0.5368	-0.5368	
-0.800	*****	-0.0528	-0.0096	-0.0771	-0.0771	-0.6174	-0.6174	-0.6174	-0.6174	
-0.850	*****	*****	-0.0529	-0.0925	-0.0925	-0.6830	-0.6830	-0.6830	-0.6830	
-0.900	*****	-0.0773	-0.0771	-0.1234	-0.1234	-0.7226	-0.7226	-0.7226	-0.7226	
-0.950	-0.0061	-0.0478	-0.0827	-0.1492	-0.1492	-0.6622	-0.6622	-0.6622	-0.6622	
-0.975	0.0326	0.0125	-0.0258	-0.1107	-0.1107	-0.3772	-0.3772	-0.3772	-0.3772	
-1.000	0.0663	0.0663	0.0306	-0.0434	-0.0434	-0.2178	-0.2178	-0.2178	-0.2178	
	0.2219	0.2099	0.1952	0.1661	0.1661	0.0939	0.0939	0.0939	0.0939	

Small Radius L.E.
 Run No. = 47, Point No. = 997
 $C_N = -0.011$, $C_m = 0.0002$
 $\alpha = -0.3^\circ$, $M_\infty = 0.829$
 $R_{mac} = 59.5 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2434	*****
0.20	0.2358	0.2219
0.30	0.2241	*****
0.40	0.2154	0.2099
0.50	0.2197	*****
0.60	0.2203	0.1952
0.70	0.1902	*****
0.80	0.1771	0.1661
0.90	0.1286	*****
0.95	0.0918	0.0939

Surface Pressures

● upper, starboard
 ○ lower, port

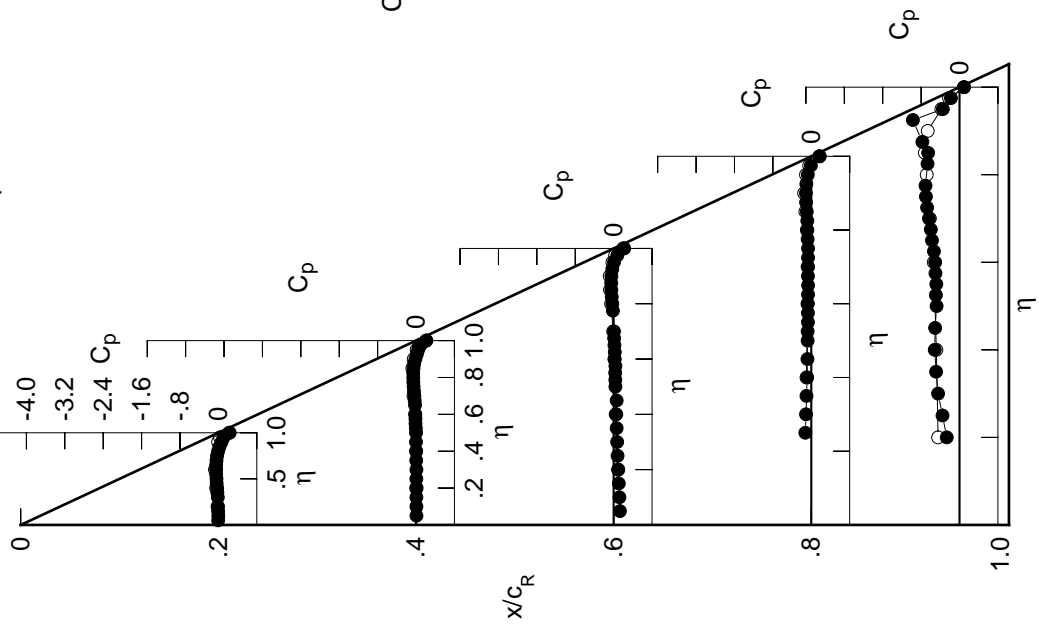


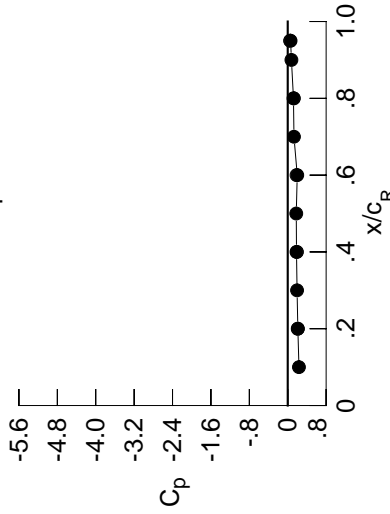
Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0236	-0.0077	0.1202	0.1202	0.1202	0.1202	0.1202	0.1202	0.1202	0.1202
0.100	-0.0210	-0.0087	0.1095	0.1095	0.1095	0.1095	0.1095	0.1095	0.1095	0.1095
0.150	-0.0244	-0.0097	0.0954	0.0954	0.0954	0.0954	0.0954	0.0954	0.0954	0.0954
0.200	-0.0284	-0.0051	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844	0.0844
0.250	0.0000	-0.0110	0.0697	0.0697	0.1342	0.1342	0.1342	0.1342	0.1342	0.1342
0.300	-0.0297	-0.0100	0.0605	0.0605	-0.1196	-0.1196	-0.4256	-0.4256	-0.4256	-0.4256
0.350	-0.0425	-0.0139	0.0495	0.0495	-0.1114	-0.1114	-0.4761	-0.4761	-0.4761	-0.4761
0.400	-0.0483	-0.0144	0.0414	0.0414	-0.0983	-0.0983	-0.5164	-0.5164	-0.5164	-0.5164
0.450	-0.0599	-0.0207	0.0496	0.0496	-0.0924	-0.0924	-0.5156	-0.5156	-0.5156	-0.5156
0.500	-0.0645	-0.0203	0.0218	0.0218	-0.0884	-0.0884	-0.4858	-0.4858	-0.4858	-0.4858
0.525	0.0000	-0.0252	0.0194	0.0194	-0.0881	-0.0881	-0.5007	-0.5007	-0.5007	-0.5007
0.550	-0.0736	-0.0335	0.0156	0.0156	-0.0837	-0.0837	-0.4902	-0.4902	-0.4902	-0.4902
0.575	0.0000	-0.0346	0.0194	0.0194	-0.0845	-0.0845	-0.5096	-0.5096	-0.5096	-0.5096
0.600	-0.0775	-0.0394	0.0029	0.0029	-0.0856	-0.0856	-0.5162	-0.5162	-0.5162	-0.5162
0.625	0.0000	0.0000	0.0055	0.0055	-0.0833	-0.0833	-0.5437	-0.5437	-0.5437	-0.5437
0.650	-0.0788	-0.0467	-0.0033	-0.0033	-0.0822	-0.0822	-0.5814	-0.5814	-0.5814	-0.5814
0.675	0.0000	-0.0557	-0.0109	-0.0109	-0.0855	-0.0855	-0.5970	-0.5970	-0.5970	-0.5970
0.700	-0.0736	-0.0649	-0.0153	-0.0153	-0.0846	-0.0846	-0.6190	-0.6190	-0.6190	-0.6190
0.725	0.0000	-0.0751	0.0000	0.0000	-0.0862	-0.0862	-0.6328	-0.6328	-0.6328	-0.6328
0.750	-0.0644	-0.0854	0.0000	0.0000	-0.0881	-0.0881	-0.6165	-0.6165	-0.6165	-0.6165
0.775	0.0000	-0.0932	-0.0442	-0.0442	-0.0976	-0.0976	-0.5717	-0.5717	-0.5717	-0.5717
0.800	-0.0441	-0.0983	-0.0584	-0.0584	-0.1082	-0.1082	0.0000	0.0000	0.0000	0.0000
0.825	0.0000	-0.1023	-0.0764	-0.0764	-0.1106	-0.1106	-0.5157	-0.5157	-0.5157	-0.5157
0.850	-0.0162	-0.0989	-0.0901	-0.0901	-0.1285	-0.1285	-0.5674	-0.5674	-0.5674	-0.5674
0.875	0.0000	-0.0879	-0.0978	-0.0978	-0.1486	-0.1486	-0.7829	-0.7829	-0.7829	-0.7829
0.900	0.0248	-0.0670	-0.1006	-0.1006	-0.1614	-0.1614	0.0000	0.0000	0.0000	0.0000
0.925	0.0000	-0.0386	-0.0865	-0.0865	-0.1583	-0.1583	-0.9831	-0.9831	-0.9831	-0.9831
0.950	0.0615	-0.0136	-0.0565	-0.0565	-0.1362	-0.1362	-0.3844	-0.3844	-0.3844	-0.3844
0.975	0.0000	0.0307	0.0095	0.0095	-0.0783	-0.0783	-0.2322	-0.2322	-0.2322	-0.2322
1.000	0.2109	0.1828	0.1980	0.1980	0.1197	0.1197	0.0593	0.0593	0.0593	0.0593
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0040	0.0210	0.1082	0.1082	0.4616	0.4616	-0.4616	-0.4616	-0.4616	-0.4616
-0.400	-0.0228	0.0209	0.0578	0.0578	-0.0875	-0.0875	-0.5146	-0.5146	-0.5146	-0.5146
-0.600	-0.0405	0.0061	0.0352	0.0352	-0.0631	-0.0631	-0.5980	-0.5980	-0.5980	-0.5980
-0.700	0.0000	-0.0220	0.0143	0.0143	-0.0584	-0.0584	-0.6860	-0.6860	-0.6860	-0.6860
-0.800	0.0000	0.0000	-0.0201	-0.0201	-0.0647	-0.0647	-0.7165	-0.7165	-0.7165	-0.7165
-0.850	0.0000	-0.0305	-0.0355	-0.0355	-0.0904	-0.0904	-0.7313	-0.7313	-0.7313	-0.7313
-0.900	0.0348	0.0041	-0.0304	-0.0304	-0.1016	-0.1016	-0.7838	-0.7838	-0.7838	-0.7838
-0.950	0.0749	0.0407	0.0337	0.0337	-0.0495	-0.0495	-0.3423	-0.3423	-0.3423	-0.3423
-0.975	0.0000	0.1224	0.0938	0.0938	0.0222	0.0222	-0.1677	-0.1677	-0.1677	-0.1677
-1.000	0.2080	0.1918	0.1836	0.1836	0.1280	0.1280	0.0490	0.0490	0.0490	0.0490

Small Radius L.E.
 Run No. = 47 , Point No. = 998
 $C_N = 0.029$, $C_m = -0.0064$
 $\alpha = 0.7^\circ$, $M_\infty = 0.828$
 $R_{mac} = 59.5 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2339	0.2080
0.20	0.2109	0.2080
0.30	0.1943	0.1918
0.40	0.1828	0.1918
0.50	0.1777	0.1918
0.60	0.1980	0.1836
0.70	0.1299	0.1280
0.80	0.1197	0.1280
0.90	0.0771	0.0771
0.95	0.0593	0.0593

Surface Pressures

● upper, starboard
 ○ lower, port

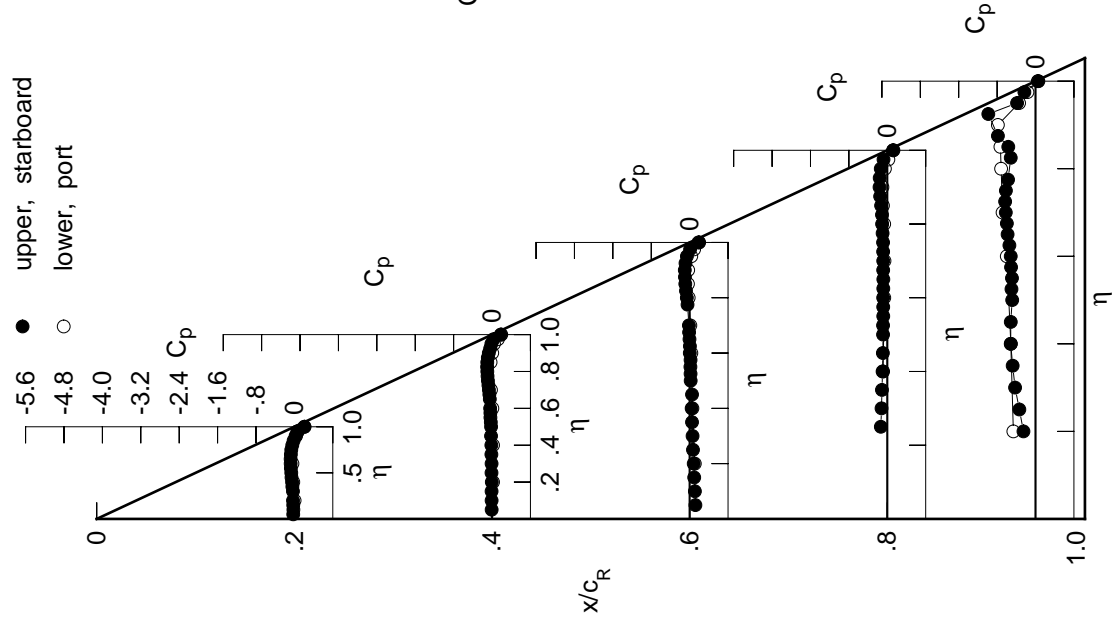
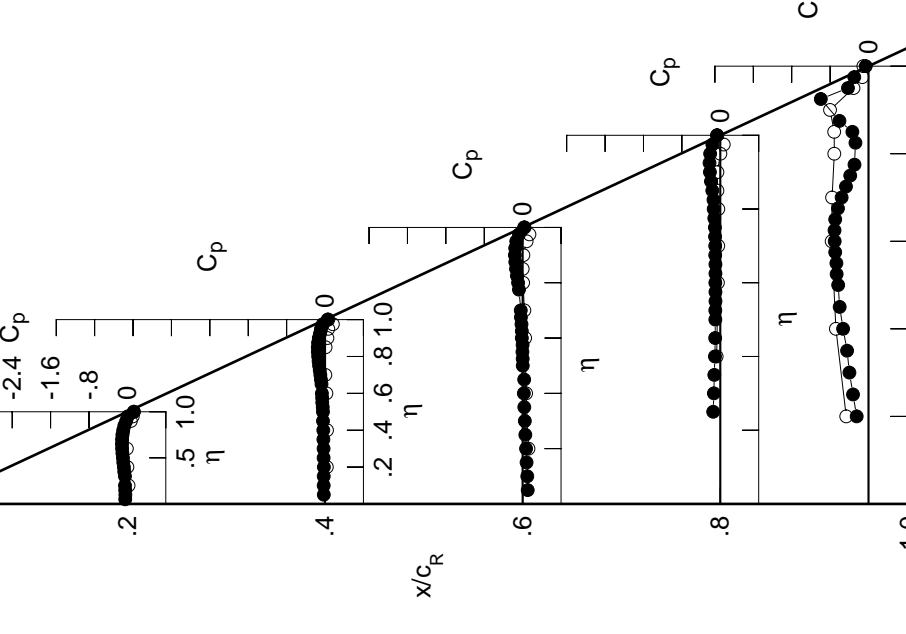
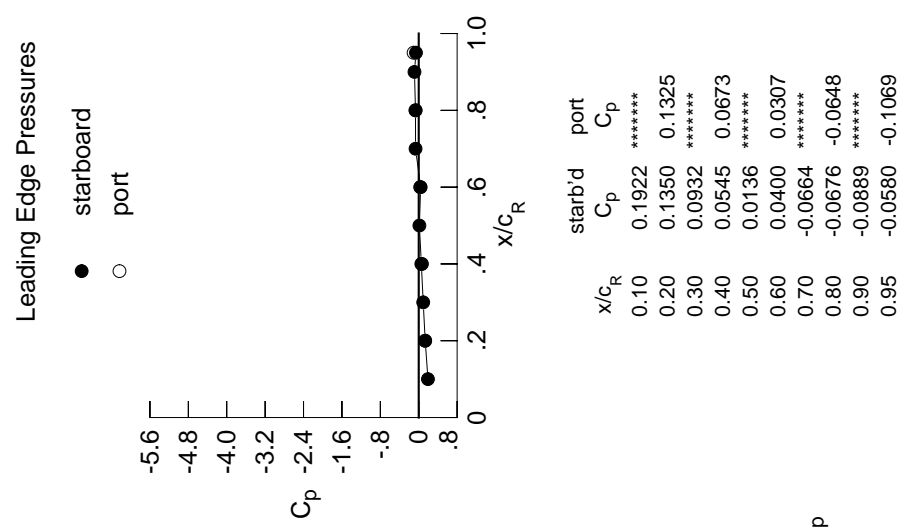


Table E4. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0447	-0.0255	0.1057	*****	*****
0.100	-0.0427	-0.0279	0.0965	*****	*****
0.150	-0.0452	-0.0276	0.0815	*****	*****
0.200	-0.0495	-0.0237	0.0712	*****	-0.2462
0.250	*****	-0.0296	0.0560	-0.1480	-0.3225
0.300	-0.0503	-0.0301	0.0456	-0.1336	-0.3980
0.350	-0.0655	-0.0345	0.0340	-0.1245	-0.4462
0.400	-0.0731	-0.0363	0.0244	-0.1120	-0.5293
0.450	-0.0857	-0.0423	0.0318	-0.1065	-0.6010
0.500	-0.0929	-0.0432	0.0028	-0.1036	-0.6322
0.525	*****	-0.0481	0.0008	-0.1038	-0.6637
0.550	-0.1041	-0.0574	-0.0042	-0.1001	-0.6692
0.575	*****	-0.0601	-0.0006	-0.1012	-0.6935
0.600	-0.1100	-0.0657	-0.0170	-0.1035	-0.7046
0.625	*****	*****	-0.0170	-0.1006	-0.7079
0.650	-0.1139	-0.0739	-0.0243	-0.1007	-0.6936
0.675	*****	-0.0858	-0.0359	-0.1053	-0.6358
0.700	-0.1116	-0.0977	-0.0390	-0.1057	-0.5601
0.725	*****	-0.1107	*****	-0.1087	-0.4696
0.750	-0.1047	-0.1242	*****	-0.1122	-0.3810
0.775	*****	-0.1345	-0.0769	-0.1245	-0.2921
0.800	-0.0873	-0.1434	-0.0950	-0.1378	*****
0.825	*****	-0.1506	-0.1184	-0.1413	-0.2718
0.850	-0.0629	-0.1509	-0.1378	-0.1663	-0.3358
0.875	*****	-0.1450	-0.1531	-0.1945	-0.6054
0.900	-0.0247	-0.1295	-0.1613	-0.2159	*****
0.925	*****	-0.1043	-0.1554	-0.2238	-0.9936
0.950	0.0070	-0.0839	-0.1332	-0.2112	-0.4281
0.975	*****	-0.0464	-0.0762	-0.1654	-0.2971
1.000	0.1350	0.0545	0.0400	-0.0676	-0.0580
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0238	0.0378	0.1212	*****	-0.4641
-0.400	-0.0001	0.0406	0.0719	-0.0757	-0.6790
-0.600	-0.0111	0.0280	0.0518	-0.0494	-0.7679
-0.700	*****	0.0062	0.0361	-0.0422	-0.7592
-0.800	*****	*****	0.0097	-0.0415	-0.7126
-0.850	*****	0.0116	0.0006	-0.0603	-0.7150
-0.900	0.0722	0.0499	0.0153	-0.0597	-0.8016
-0.950	0.1121	0.0675	0.0833	0.0018	-0.3132
-0.975	*****	0.1632	0.1416	0.0720	-0.1299
-1.000	0.1325	0.0673	0.0307	-0.0648	-0.1069

Small Radius L.E.
 Run No. = 47 , Point No. = 999
 $C_N = 0.069$, $C_m = -0.0119$
 $\alpha = 1.8^\circ$, $M_\infty = 0.829$
 $R_{mac} = 59.6 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.1922	*****
0.20	0.1350	0.1325
0.30	0.0932	*****
0.40	0.0545	0.0673
0.50	0.0136	*****
0.60	0.0400	0.0307
0.70	-0.0664	*****
0.80	-0.0676	-0.0648
0.90	-0.0889	*****
0.95	-0.0580	-0.1069

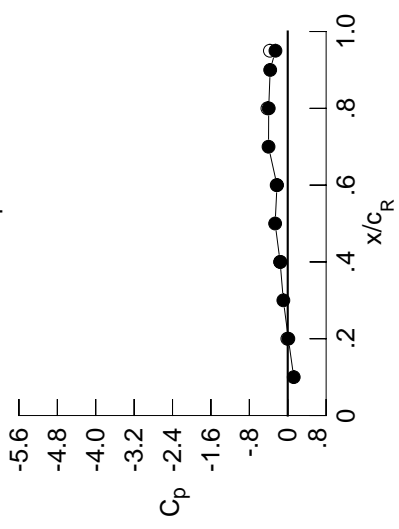
Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0631	-0.0419	0.0945	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0608	-0.0452	0.0833	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0647	-0.0438	0.0697	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0692	-0.0421	0.0571	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0473	0.0429	-0.1571	-0.3126	*****	*****	*****	*****	*****
0.300	-0.0699	-0.0476	0.0318	-0.1438	-0.3806	*****	*****	*****	*****	*****
0.350	-0.0856	-0.0531	0.0200	-0.1351	-0.4189	*****	*****	*****	*****	*****
0.400	-0.0954	-0.0549	0.0107	-0.1235	-0.4817	*****	*****	*****	*****	*****
0.450	-0.1095	-0.0629	0.0159	-0.1186	-0.5442	*****	*****	*****	*****	*****
0.500	-0.1182	-0.0634	-0.0129	-0.1155	-0.5770	*****	*****	*****	*****	*****
0.525	*****	-0.0705	-0.0158	-0.1169	-0.6116	*****	*****	*****	*****	*****
0.550	-0.1314	-0.0803	-0.0214	-0.1128	-0.6143	*****	*****	*****	*****	*****
0.575	*****	-0.0838	-0.0188	-0.1155	-0.6329	*****	*****	*****	*****	*****
0.600	-0.1408	-0.0900	-0.0366	-0.1169	-0.6299	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0367	-0.1162	-0.6104	*****	*****	*****	*****	*****
0.650	-0.1469	-0.1023	-0.0459	-0.1175	-0.5711	*****	*****	*****	*****	*****
0.675	*****	-0.1142	-0.0577	-0.1234	-0.4957	*****	*****	*****	*****	*****
0.700	-0.1479	-0.1282	-0.0632	-0.1244	-0.4311	*****	*****	*****	*****	*****
0.725	*****	-0.1443	*****	-0.1290	-0.3779	*****	*****	*****	*****	*****
0.750	-0.1454	-0.1599	*****	-0.1335	-0.3110	*****	*****	*****	*****	*****
0.775	*****	-0.1750	-0.1077	-0.1491	-0.2244	*****	*****	*****	*****	*****
0.800	-0.1309	-0.1882	-0.1300	-0.1658	*****	*****	*****	*****	*****	*****
0.825	*****	-0.2004	-0.1570	-0.1724	-0.2160	*****	*****	*****	*****	*****
0.850	-0.1098	-0.2050	-0.1845	-0.2031	-0.2673	*****	*****	*****	*****	*****
0.875	*****	-0.2026	-0.2069	-0.2379	-0.4494	*****	*****	*****	*****	*****
0.900	-0.0759	-0.1914	-0.2248	-0.2704	*****	*****	*****	*****	*****	*****
0.925	*****	-0.1728	-0.2263	-0.2895	-1.0063	*****	*****	*****	*****	*****
0.950	-0.0520	-0.1594	-0.2138	-0.2900	-0.4751	*****	*****	*****	*****	*****
0.975	*****	-0.1346	-0.1722	-0.2629	-0.3692	*****	*****	*****	*****	*****
1.000	0.0131	-0.1584	-0.2234	-0.3962	-0.2558	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.0435	0.0559	0.1347	*****	-0.4689	*****	*****	*****	*****
-0.400	0.0237	0.0594	0.0861	-0.0623	-0.7020	*****	*****	*****	*****	*****
-0.600	0.0178	0.0511	0.0702	-0.0351	-0.7631	*****	*****	*****	*****	*****
-0.700	*****	0.0337	0.0564	-0.0249	-0.7488	*****	*****	*****	*****	*****
-0.800	*****	*****	0.0376	-0.0176	-0.6959	*****	*****	*****	*****	*****
-0.850	*****	0.0503	0.0347	-0.0310	-0.6939	*****	*****	*****	*****	*****
-0.900	0.1062	0.0904	0.0564	-0.0217	-0.7604	*****	*****	*****	*****	*****
-0.950	0.1441	0.0919	0.1238	0.0454	-0.2865	*****	*****	*****	*****	*****
-0.975	*****	0.1913	0.1749	0.1109	-0.0981	*****	*****	*****	*****	*****
-1.000	-0.0083	-0.1530	-0.2302	-0.4232	-0.3714	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 47, Point No. = 1000
 $C_N = 0.110$, $C_m = -0.0183$
 $\alpha = 2.9^\circ$, $M_\infty = 0.829$
 $R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1251	*****
0.20	0.0131	-0.0083
0.30	-0.0914	*****
0.40	-0.1584	-0.1530
0.50	-0.2624	*****
0.60	-0.2234	-0.2302
0.70	-0.4004	*****
0.80	-0.3962	-0.4232
0.90	-0.3660	*****
0.95	-0.2558	-0.3714

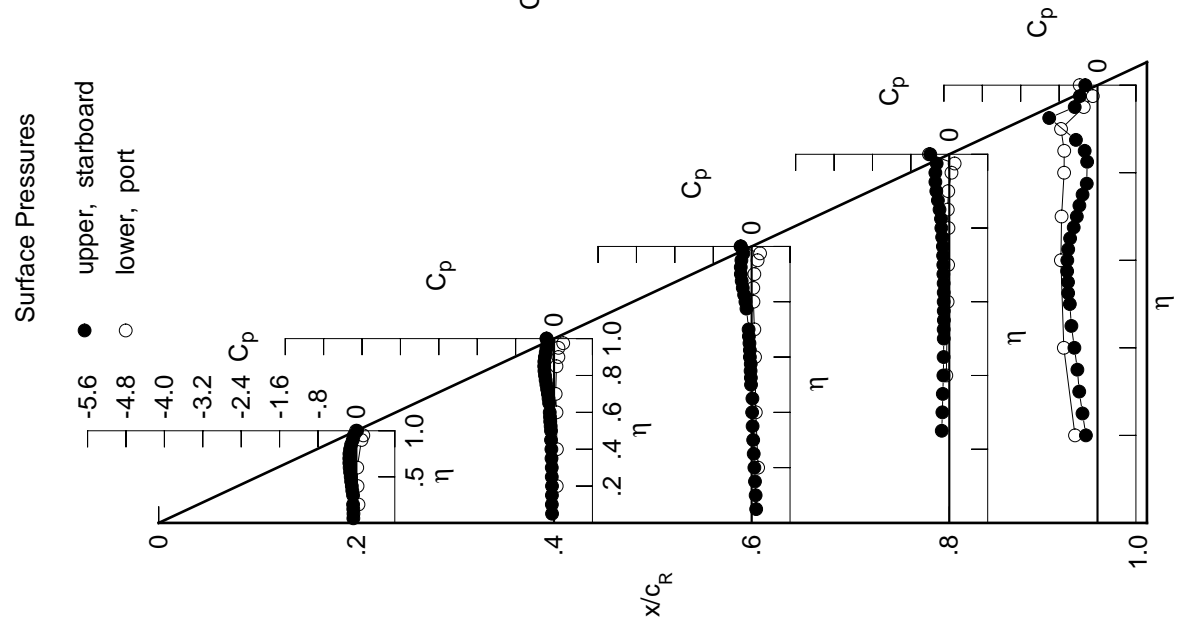


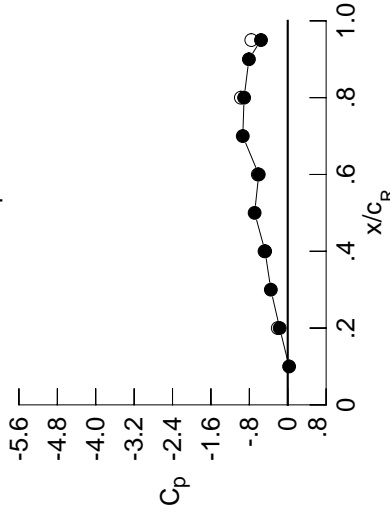
Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0902	-0.0582	0.0827	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0786	-0.0621	0.0724	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0830	-0.0607	0.0581	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0874	-0.0586	0.0458	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0645	0.0305	-0.1687	-0.3094	*****	*****	*****	*****	*****
0.300	-0.0889	-0.0659	0.0194	-0.1547	-0.3697	*****	*****	*****	*****	*****
0.350	-0.1064	-0.0715	0.0069	-0.1462	-0.4027	*****	*****	*****	*****	*****
0.400	-0.1182	-0.0734	-0.0033	-0.1348	-0.4560	*****	*****	*****	*****	*****
0.450	-0.1339	-0.0830	0.0013	-0.1308	-0.5067	*****	*****	*****	*****	*****
0.500	-0.1451	-0.0850	-0.0284	-0.1280	-0.5356	*****	*****	*****	*****	*****
0.525	*****	-0.0917	-0.0328	-0.1308	-0.5686	*****	*****	*****	*****	*****
0.550	-0.1609	-0.1028	-0.0386	-0.1269	-0.5680	*****	*****	*****	*****	*****
0.575	*****	-0.1074	-0.0371	-0.1296	-0.5819	*****	*****	*****	*****	*****
0.600	-0.1727	-0.1149	-0.0560	-0.1325	-0.5702	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0561	-0.1324	-0.5432	*****	*****	*****	*****	*****
0.650	-0.1816	-0.1293	-0.0669	-0.1344	-0.5055	*****	*****	*****	*****	*****
0.675	*****	-0.1447	-0.0794	-0.1417	-0.4485	*****	*****	*****	*****	*****
0.700	-0.1864	-0.1609	-0.0875	-0.1436	-0.4026	*****	*****	*****	*****	*****
0.725	*****	-0.1790	*****	-0.1503	-0.3561	*****	*****	*****	*****	*****
0.750	-0.1872	-0.1983	*****	-0.1574	-0.2879	*****	*****	*****	*****	*****
0.775	*****	-0.2171	-0.1394	-0.1748	-0.1999	*****	*****	*****	*****	*****
0.800	-0.1763	-0.2345	-0.1656	-0.1952	*****	*****	*****	*****	*****	*****
0.825	*****	-0.2512	-0.1992	-0.2048	-0.1997	*****	*****	*****	*****	*****
0.850	-0.1597	-0.2614	-0.2327	-0.2408	-0.2438	*****	*****	*****	*****	*****
0.875	*****	-0.2648	-0.2644	-0.2849	-0.4003	*****	*****	*****	*****	*****
0.900	-0.1314	-0.2594	-0.2914	-0.3278	*****	*****	*****	*****	*****	*****
0.925	*****	-0.2471	-0.3044	-0.3620	-1.0211	*****	*****	*****	*****	*****
0.950	-0.1180	-0.2438	-0.3048	-0.3772	-0.5289	*****	*****	*****	*****	*****
0.975	*****	-0.2355	-0.2845	-0.3732	-0.4521	*****	*****	*****	*****	*****
1.000	-0.1680	-0.4716	-0.6037	-0.9091	-0.5566	*****	*****	*****	*****	*****
-0.200	0.0648	0.0735	0.1487	*****	-0.4798	*****	*****	*****	*****	*****
-0.400	0.0472	0.0777	0.1017	-0.0493	-0.7308	*****	*****	*****	*****	*****
-0.600	0.0458	0.0739	0.0878	-0.0196	-0.7565	*****	*****	*****	*****	*****
-0.700	*****	0.0603	0.0775	-0.0081	-0.7371	*****	*****	*****	*****	*****
-0.800	*****	*****	0.0649	0.0052	-0.6802	*****	*****	*****	*****	*****
-0.850	*****	0.0858	0.0672	-0.0046	-0.6734	*****	*****	*****	*****	*****
-0.900	0.1367	0.1251	0.0927	0.0126	-0.7227	*****	*****	*****	*****	*****
-0.950	0.1724	0.1107	0.1566	0.0812	-0.2638	*****	*****	*****	*****	*****
-0.975	*****	0.2082	0.1967	0.1373	-0.0754	*****	*****	*****	*****	*****
-1.000	-0.2077	-0.4832	-0.6234	-0.9761	-0.7592	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 47, Point No. = 1001
 $C_N = 0.148$, $C_m = -0.0227$
 $\alpha = 3.9^\circ$, $M_\infty = 0.829$
 $R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.0284	*****
0.20	-0.1680	-0.2077
0.30	-0.3516	*****
0.40	-0.4716	-0.4832
0.50	-0.6895	*****
0.60	-0.6037	-0.6234
0.70	-0.9365	*****
0.80	-0.9091	-0.9761
0.90	-0.8087	*****
0.95	-0.5566	-0.7592

Surface Pressures

● upper, starboard
 ○ lower, port

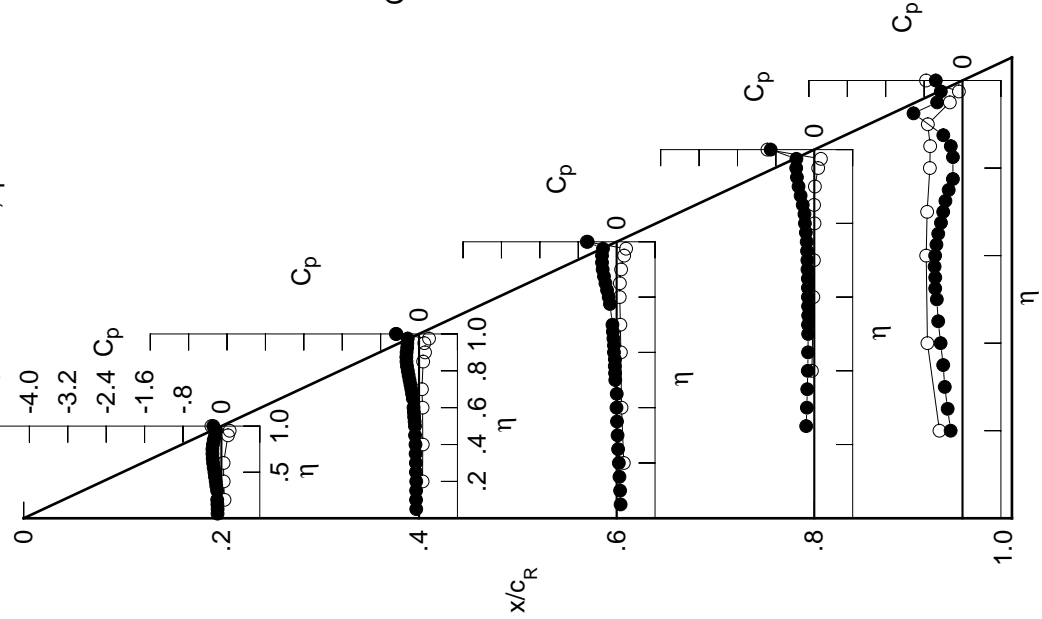
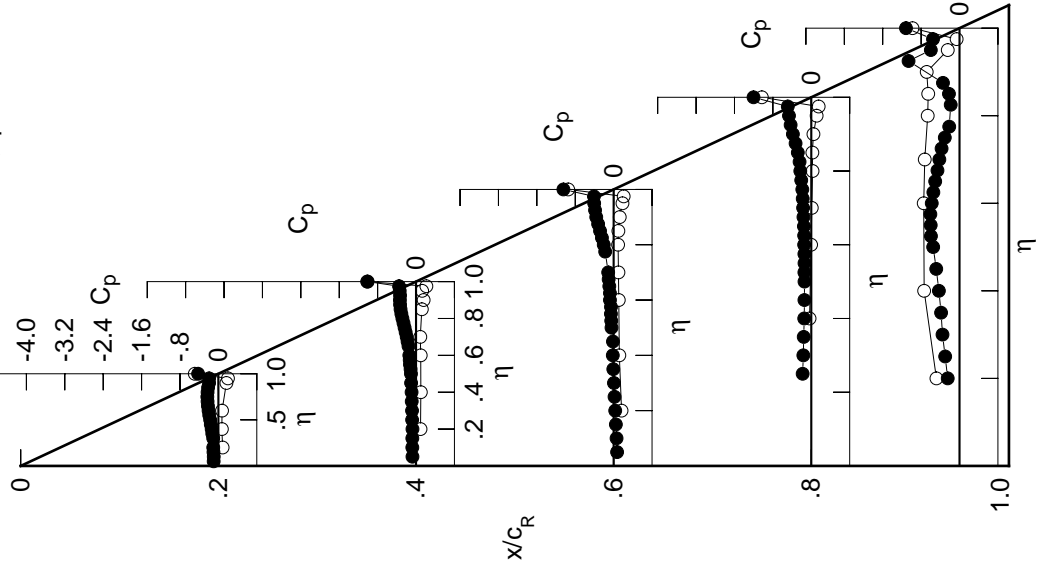


Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0986	-0.0741	0.0718	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0967	-0.0778	0.0611	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1021	-0.0779	0.0465	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1068	-0.0746	0.0330	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0816	0.0181	-0.1802	-0.2987	*****	*****	*****	*****	*****
0.300	-0.1080	-0.0828	0.0065	-0.1659	-0.3547	*****	*****	*****	*****	*****
0.350	-0.1270	-0.0897	-0.0068	-0.1580	-0.3841	*****	*****	*****	*****	*****
0.400	-0.1402	-0.0929	-0.0178	-0.1472	-0.4295	*****	*****	*****	*****	*****
0.450	-0.1581	-0.1029	-0.0142	-0.1429	-0.4848	*****	*****	*****	*****	*****
0.500	-0.1714	-0.1056	-0.0451	-0.1419	-0.5488	*****	*****	*****	*****	*****
0.525	*****	-0.1137	-0.0500	-0.1442	-0.5951	*****	*****	*****	*****	*****
0.550	-0.1902	-0.1264	-0.0564	-0.1415	-0.6002	*****	*****	*****	*****	*****
0.575	*****	-0.1318	-0.0554	-0.1438	-0.6070	*****	*****	*****	*****	*****
0.600	-0.2044	-0.1403	-0.0767	-0.1487	-0.5784	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0772	-0.1492	-0.5448	*****	*****	*****	*****	*****
0.650	-0.2174	-0.1571	-0.0905	-0.1539	-0.5061	*****	*****	*****	*****	*****
0.675	*****	-0.1760	-0.1038	-0.1630	-0.4590	*****	*****	*****	*****	*****
0.700	-0.2259	-0.1944	-0.1133	-0.1701	-0.4198	*****	*****	*****	*****	*****
0.725	*****	-0.2160	*****	-0.1781	-0.3739	*****	*****	*****	*****	*****
0.750	-0.2305	-0.2381	*****	-0.1872	-0.3065	*****	*****	*****	*****	*****
0.775	*****	-0.2611	-0.1759	-0.2093	-0.2142	*****	*****	*****	*****	*****
0.800	-0.2253	-0.2838	-0.2061	-0.2289	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3055	-0.2438	-0.2436	-0.1835	*****	*****	*****	*****	*****
0.850	-0.2144	-0.3227	-0.2832	-0.2804	-0.2198	*****	*****	*****	*****	*****
0.875	*****	-0.3327	-0.3231	-0.3271	-0.3448	*****	*****	*****	*****	*****
0.900	-0.1934	-0.3360	-0.3625	-0.3831	*****	*****	*****	*****	*****	*****
0.925	*****	-0.3330	-0.3875	-0.4303	-1.0618	*****	*****	*****	*****	*****
0.950	-0.1937	-0.3401	-0.4054	-0.4645	-0.5978	*****	*****	*****	*****	*****
0.975	*****	-0.3536	-0.4102	-0.4897	-0.5520	*****	*****	*****	*****	*****
1.000	-0.4224	-1.0083	-1.0463	-1.2030	-1.1153	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0878	0.0935	0.1651	*****	-0.4810	*****	*****	*****	*****	*****
-0.600	0.0724	0.1000	0.1184	-0.0360	-0.7367	*****	*****	*****	*****	*****
-0.700	0.0756	0.0980	0.1072	-0.0040	-0.7456	*****	*****	*****	*****	*****
-0.800	*****	0.0886	0.0999	0.1000	-0.7240	*****	*****	*****	*****	*****
-0.850	*****	*****	0.0929	0.0265	-0.6626	*****	*****	*****	*****	*****
-0.900	*****	0.1206	0.0984	0.0225	-0.6523	*****	*****	*****	*****	*****
-0.950	0.1670	0.1587	0.1274	0.0450	-0.6830	*****	*****	*****	*****	*****
-0.975	0.1989	0.1268	0.1842	0.1108	-0.2450	*****	*****	*****	*****	*****
-1.000	*****	0.2155	0.2092	0.1536	-0.0599	*****	*****	*****	*****	*****
	-0.4918	-1.0174	-0.9466	-1.0293	-0.9790	*****	*****	*****	*****	*****

Surface Pressures

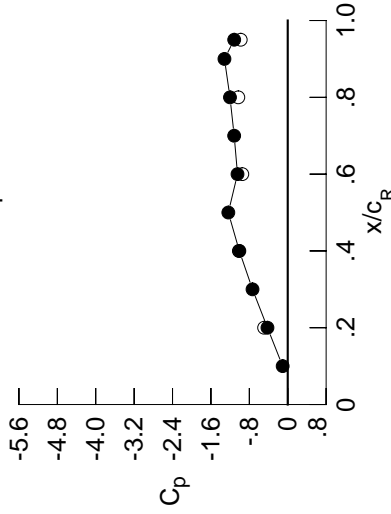
● upper, starboard
○ lower, port



Small Radius L.E.
Run No. = 47, Point No. = 1002
 $C_N = 0.193$, $C_m = -0.0311$
 $\alpha = 5.0^\circ$, $M_\infty = 0.828$
 $R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.1056	*****
0.20	-0.4224	-0.4918
0.30	-0.7339	*****
0.40	-1.0083	-1.0174
0.50	-1.2378	*****
0.60	-1.0463	-0.9466
0.70	-1.1156	*****
0.80	-1.2030	-1.0293
0.90	-1.3182	*****
0.95	-1.1153	-0.9790

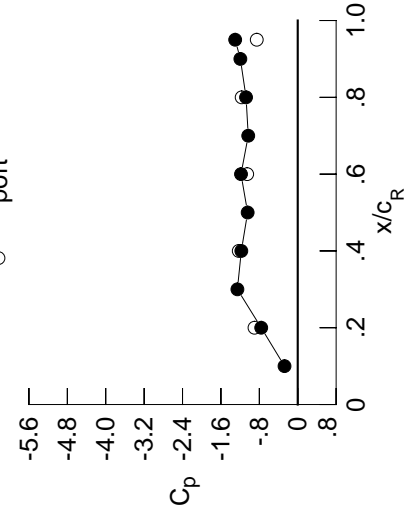
Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1167	-0.0918	0.0585	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1160	-0.0958	0.0477	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1221	-0.0964	0.0329	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1259	-0.0927	0.0203	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1012	0.0043	-0.1946	-0.2884	*****	*****	*****	*****	*****
0.300	-0.1271	-0.1025	-0.0084	-0.1817	-0.3421	*****	*****	*****	*****	*****
0.350	-0.1482	-0.1108	-0.0219	-0.1717	-0.3796	*****	*****	*****	*****	*****
0.400	-0.1627	-0.1142	-0.0335	-0.1613	-0.4574	*****	*****	*****	*****	*****
0.450	-0.1828	-0.1247	-0.0301	-0.1580	-0.5325	*****	*****	*****	*****	*****
0.500	-0.1981	-0.1296	-0.0625	-0.1607	-0.5476	*****	*****	*****	*****	*****
0.525	*****	-0.1384	-0.0698	-0.1643	-0.5579	*****	*****	*****	*****	*****
0.550	-0.2194	-0.1514	-0.0781	-0.1650	-0.5392	*****	*****	*****	*****	*****
0.575	*****	-0.1587	-0.0815	-0.1696	-0.5510	*****	*****	*****	*****	*****
0.600	-0.2374	-0.1691	-0.1046	-0.1783	-0.5485	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1076	-0.1782	-0.5418	*****	*****	*****	*****	*****
0.650	-0.2540	-0.1905	-0.1224	-0.1795	-0.5368	*****	*****	*****	*****	*****
0.675	*****	-0.2100	-0.1377	-0.1891	-0.5191	*****	*****	*****	*****	*****
0.700	-0.2670	-0.2305	-0.1458	-0.2083	-0.5117	*****	*****	*****	*****	*****
0.725	*****	-0.2548	*****	-0.2189	-0.5185	*****	*****	*****	*****	*****
0.750	-0.2770	-0.2810	*****	-0.2185	-0.5369	*****	*****	*****	*****	*****
0.775	*****	-0.3072	-0.2102	-0.2501	-0.5601	*****	*****	*****	*****	*****
0.800	-0.2764	-0.3341	-0.2492	-0.2701	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3608	-0.2753	-0.2778	-0.6042	*****	*****	*****	*****	*****
0.850	-0.2720	-0.3835	-0.3141	-0.3205	-0.5842	*****	*****	*****	*****	*****
0.875	*****	-0.4010	-0.3644	-0.3627	-0.6129	*****	*****	*****	*****	*****
0.900	-0.2603	-0.4107	-0.4059	-0.4162	*****	*****	*****	*****	*****	*****
0.925	*****	-0.4152	-0.4297	-0.4798	-0.9051	*****	*****	*****	*****	*****
0.950	-0.2771	-0.4338	-0.5162	-0.5368	-0.6632	*****	*****	*****	*****	*****
0.975	*****	-0.4766	-0.7007	-0.6933	-0.6582	*****	*****	*****	*****	*****
1.000	-0.7608	-1.1753	-1.1819	-1.0764	-1.3031	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1110	0.1143	0.1802	*****	-0.4944	*****	*****	*****	*****	*****
-0.600	0.0978	0.1217	0.1363	-0.0202	-0.7332	*****	*****	*****	*****	*****
-0.700	0.1047	0.1219	0.1267	0.0140	-0.7310	*****	*****	*****	*****	*****
-0.800	*****	0.1164	0.1213	0.0287	-0.7068	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1188	0.0474	-0.6405	*****	*****	*****	*****	*****
-0.900	0.1942	0.1882	0.1557	0.0466	-0.6279	*****	*****	*****	*****	*****
-0.950	0.2213	0.1359	0.2020	0.1320	-0.6428	*****	*****	*****	*****	*****
-0.975	*****	0.2144	0.2095	0.1586	-0.0459	*****	*****	*****	*****	*****
-1.000	-0.9005	-1.2286	-1.0531	-1.1682	-0.8535	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 47, Point No. = 1003
 $C_N = 0.245$, $C_m = -0.0432$
 $\alpha = 6.0^\circ$, $M_\infty = 0.829$
 $R_{mac} = 59.7 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	-0.2753	*****
0.20	-0.7608	-0.9005
0.30	-1.2571	*****
0.40	-1.1753	-1.2286
0.50	-1.0435	*****
0.60	-1.1819	-1.0531
0.70	-1.0308	*****
0.80	-1.0764	-1.1682
0.90	-1.1952	*****
0.95	-1.3031	-0.8535

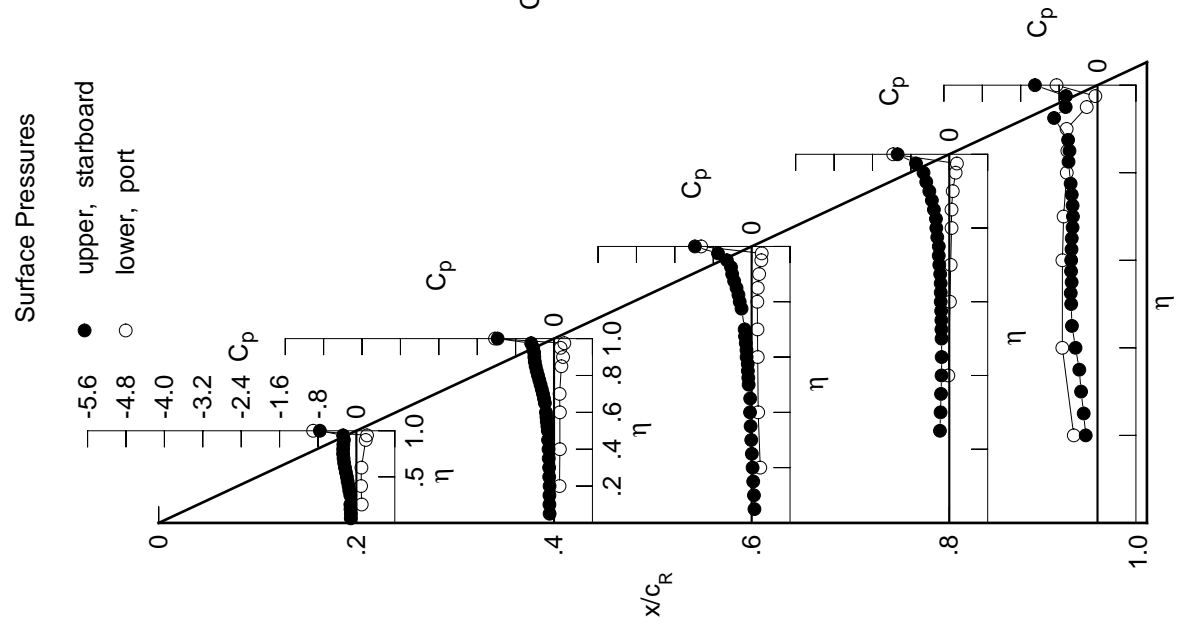
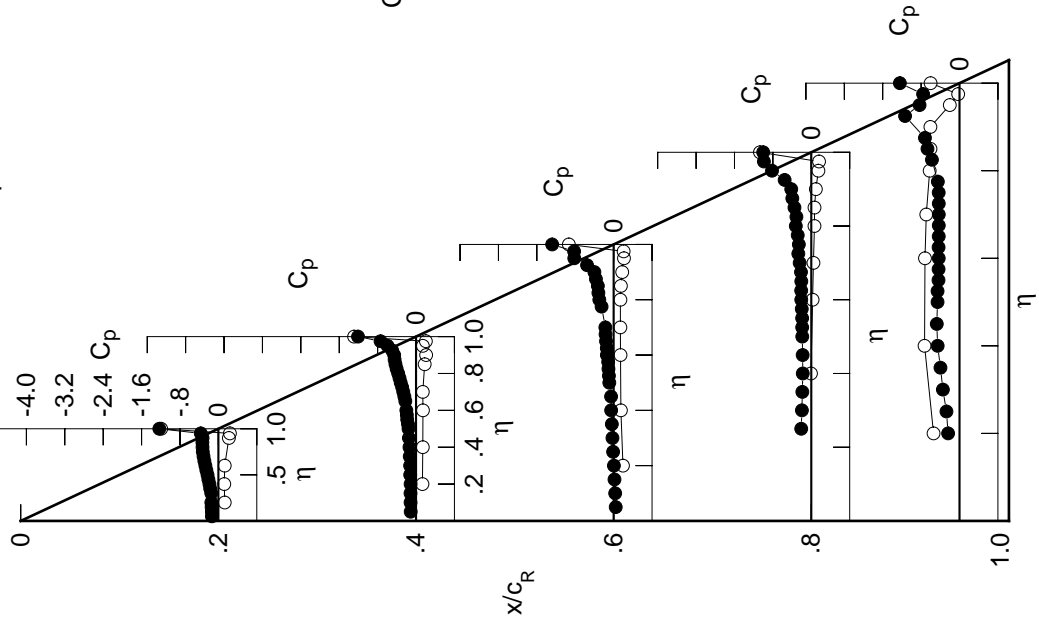


Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1349	-0.1110	0.0436	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1357	-0.1146	0.0323	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1417	-0.1148	0.0178	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1469	-0.1139	0.0052	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1213	-0.0115	-0.2098	-0.2724	*****	*****	*****	*****	*****
0.300	-0.1482	-0.1231	-0.0246	-0.1953	-0.3463	*****	*****	*****	*****	*****
0.350	-0.1703	-0.1310	-0.0375	-0.1863	-0.3972	*****	*****	*****	*****	*****
0.400	-0.1867	-0.1366	-0.0521	-0.1775	-0.4552	*****	*****	*****	*****	*****
0.450	-0.2083	-0.1486	-0.0537	-0.1803	-0.4740	*****	*****	*****	*****	*****
0.500	-0.2261	-0.1566	-0.0902	-0.1881	-0.4580	*****	*****	*****	*****	*****
0.525	*****	-0.1670	-0.0981	-0.1892	-0.4572	*****	*****	*****	*****	*****
0.550	-0.2501	-0.1838	-0.1082	-0.1902	-0.4374	*****	*****	*****	*****	*****
0.575	*****	-0.1912	-0.1140	-0.1983	-0.4362	*****	*****	*****	*****	*****
0.600	-0.2714	-0.2018	-0.1411	-0.2086	-0.4325	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1425	-0.2107	-0.4357	*****	*****	*****	*****	*****
0.650	-0.2922	-0.2235	-0.1581	-0.2077	-0.4332	*****	*****	*****	*****	*****
0.675	*****	-0.2429	-0.1685	-0.2145	-0.4316	*****	*****	*****	*****	*****
0.700	-0.3098	-0.2655	-0.1725	-0.2423	-0.4323	*****	*****	*****	*****	*****
0.725	*****	-0.2888	*****	-0.2707	-0.4318	*****	*****	*****	*****	*****
0.750	-0.3246	-0.3196	*****	-0.2593	-0.4334	*****	*****	*****	*****	*****
0.775	*****	-0.3436	-0.2514	-0.2823	-0.4512	*****	*****	*****	*****	*****
0.800	-0.3305	-0.3723	-0.2980	-0.3222	*****	*****	*****	*****	*****	*****
0.825	*****	-0.4042	-0.3178	-0.3095	-0.5743	*****	*****	*****	*****	*****
0.850	-0.3325	-0.4281	-0.3287	-0.3502	-0.6675	*****	*****	*****	*****	*****
0.875	*****	-0.4464	-0.3685	-0.3952	-0.7197	*****	*****	*****	*****	*****
0.900	-0.3294	-0.4551	-0.4012	-0.4174	*****	*****	*****	*****	*****	*****
0.925	*****	-0.4970	-0.5536	-0.5550	-1.1345	*****	*****	*****	*****	*****
0.950	-0.3661	-0.5934	-0.8201	-0.8183	-0.8324	*****	*****	*****	*****	*****
0.975	*****	-0.7395	-0.8242	-0.9874	-0.7585	*****	*****	*****	*****	*****
1.000	-1.2304	-1.2086	-1.2808	-1.0018	-1.2423	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1323	0.1333	0.1945	*****	*****	*****	*****	*****	*****	*****
-0.600	0.1220	0.1407	0.1510	-0.0060	-0.7281	*****	*****	*****	*****	*****
-0.700	0.1323	0.1443	0.1432	0.0271	-0.7193	*****	*****	*****	*****	*****
-0.800	*****	0.1407	0.1403	0.0446	-0.6924	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1409	0.0662	-0.6214	*****	*****	*****	*****	*****
-0.900	*****	0.1797	0.1514	0.0675	-0.6049	*****	*****	*****	*****	*****
-0.950	0.2186	0.2103	0.1787	0.0949	-0.6067	*****	*****	*****	*****	*****
-0.975	0.2400	0.1414	0.2150	0.1480	-0.2024	*****	*****	*****	*****	*****
-1.000	*****	0.2048	0.2081	0.1618	-0.0283	*****	*****	*****	*****	*****
	-1.1921	-1.2908	-0.9326	-1.0698	-0.6024	*****	*****	*****	*****	*****

Surface Pressures

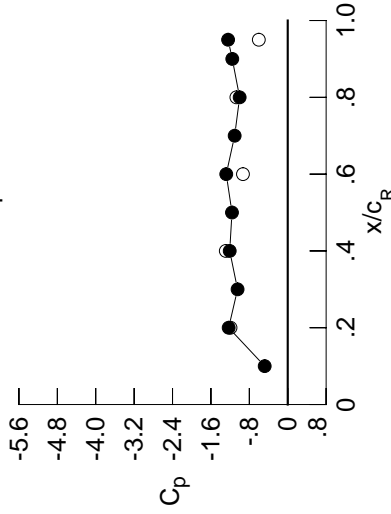
● upper, starboard
○ lower, port



Small Radius L.E.
Run No. = 47, Point No. = 1004
 $C_N = 0.294$, $C_m = -0.0518$
 $\alpha = 7.1^\circ$, $M_\infty = 0.829$
 $R_{mac} = 59.7 \times 10^6$

Leading Edge Pressures

● starboard
○ port

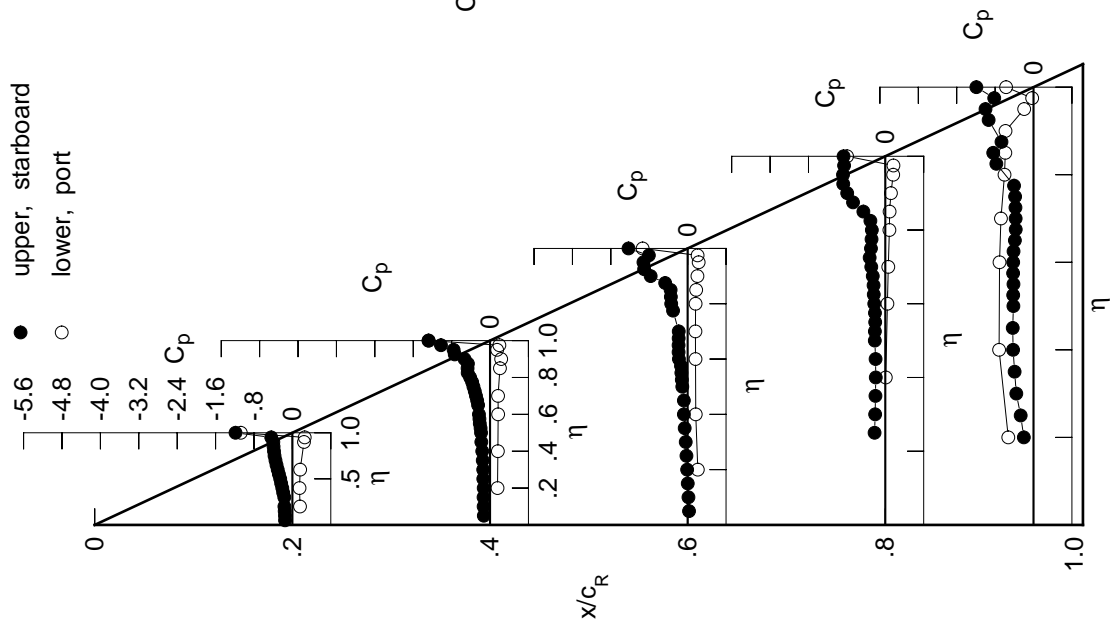


x/c_R	starb'd C_p	port C_p
0.10	-0.4798	*****
0.20	-1.2304	-1.1921
0.30	-1.0451	*****
0.40	-1.2086	-1.2908
0.50	-1.1613	*****
0.60	-1.2808	-0.9326
0.70	-1.1058	*****
0.80	-1.0018	-1.0698
0.90	-1.1556	*****
0.95	-1.2423	-0.6024

Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,i}$	$C_{p,i}$
0.050	-0.1529	-0.1293	0.0285	0.0285	0.0285	0.0285	0.0285	0.0285	0.0285	0.0285
0.100	-0.1546	-0.1337	0.0165	0.0165	0.0165	0.0165	0.0165	0.0165	0.0165	0.0165
0.150	-0.1608	-0.1355	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
0.200	-0.1661	-0.1322	-0.0104	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.250	0.0000	-0.1408	-0.0248	-0.2234	-0.2675	-0.3585	-0.4485	-0.5385	-0.6285	-0.7185
0.300	-0.1691	-0.1427	-0.0399	-0.2109	-0.3585	-0.4485	-0.5385	-0.6285	-0.7185	-0.8085
0.350	-0.1920	-0.1521	-0.0613	-0.2050	-0.3936	-0.4836	-0.5736	-0.6636	-0.7536	-0.8436
0.400	-0.2100	-0.1620	-0.0780	-0.1986	-0.4253	-0.5153	-0.6053	-0.6953	-0.7853	-0.8753
0.450	-0.2332	-0.1813	-0.0782	-0.2024	-0.4331	-0.5231	-0.6131	-0.7031	-0.7931	-0.8831
0.500	-0.2537	-0.1875	-0.1108	-0.2180	-0.4189	-0.5089	-0.5989	-0.6889	-0.7789	-0.8689
0.525	0.0000	-0.1964	-0.1219	-0.2165	-0.4234	-0.5134	-0.6034	-0.6934	-0.7834	-0.8734
0.550	-0.2810	-0.2135	-0.1312	-0.2105	-0.4176	-0.5076	-0.5976	-0.6876	-0.7776	-0.8676
0.575	0.0000	-0.2210	-0.1388	-0.2153	-0.4247	-0.5147	-0.6047	-0.6947	-0.7847	-0.8747
0.600	-0.3054	-0.2310	-0.1816	-0.2297	-0.4233	-0.5133	-0.6033	-0.6933	-0.7833	-0.8733
0.625	0.0000	0.0000	-0.1886	-0.2402	-0.4157	-0.5057	-0.5957	-0.6857	-0.7757	-0.8657
0.650	-0.3306	-0.2486	-0.1891	-0.2443	-0.3878	-0.4778	-0.5678	-0.6578	-0.7478	-0.8378
0.675	0.0000	-0.2677	-0.1875	-0.2606	-0.3703	-0.4603	-0.5503	-0.6403	-0.7303	-0.8203
0.700	-0.3522	-0.2926	-0.1860	-0.2917	-0.3721	-0.4621	-0.5521	-0.6421	-0.7321	-0.8221
0.725	0.0000	-0.3177	0.0000	-0.3252	-0.3763	-0.4663	-0.5563	-0.6463	-0.7363	-0.8263
0.750	-0.3724	-0.3458	0.0000	-0.2988	-0.3829	-0.4729	-0.5629	-0.6529	-0.7429	-0.8329
0.775	0.0000	-0.3730	-0.3037	-0.2860	-0.4054	-0.4954	-0.5854	-0.6754	-0.7654	-0.8554
0.800	-0.3831	-0.4146	-0.3423	-0.2798	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.825	0.0000	-0.4657	-0.3495	-0.3102	-0.7745	-0.8645	-0.9545	-1.0445	-1.1345	-1.2245
0.850	-0.3921	-0.4678	-0.3542	-0.4570	-0.8393	-0.9293	-1.0193	-1.1093	-1.1993	-1.2893
0.875	0.0000	-0.4612	-0.4679	-0.6720	-0.6672	-0.7572	-0.8472	-0.9372	-1.0272	-1.1172
0.900	-0.3966	-0.5312	-0.7705	-0.7939	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.925	0.0000	-0.7355	-0.9066	-0.8761	-0.9352	-1.0252	-1.1152	-1.2052	-1.2952	-1.3852
0.950	-0.4405	-0.7584	-0.9208	-0.8805	-0.9996	-1.0896	-1.1796	-1.2696	-1.3596	-1.4496
0.975	0.0000	-1.0223	-0.8079	-0.8583	-0.8185	-0.9085	-0.9985	-1.0885	-1.1785	-1.2685
1.000	-1.1847	-1.2816	-1.2322	-0.8696	-1.1902	-1.2802	-1.3702	-1.4602	-1.5502	-1.6402

Surface Pressures



Small Radius L.E.

Run No. = 47, Point No. = 1005

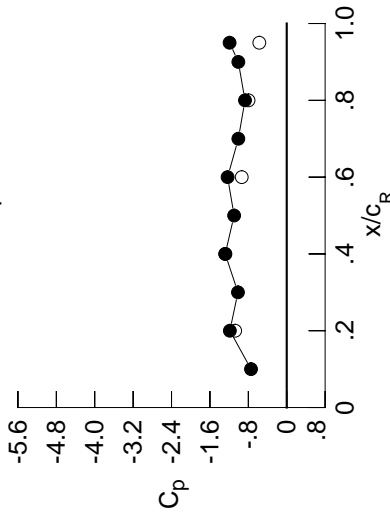
$C_N = 0.350$, $C_m = -0.0634$

$\alpha = 8.1^\circ$, $M_\infty = 0.827$

$R_{mac} = 59.5 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	-0.7439	0.0000
0.20	-1.1847	-1.0741
0.30	-1.0163	0.0000
0.40	-1.2816	-1.2782
0.50	-1.0960	0.0000
0.60	-1.2322	-0.9377
0.70	-1.0076	0.0000
0.80	-0.8696	-0.7960
0.90	-1.0080	0.0000
0.95	-1.1902	-0.5711

Table E4. Continued.

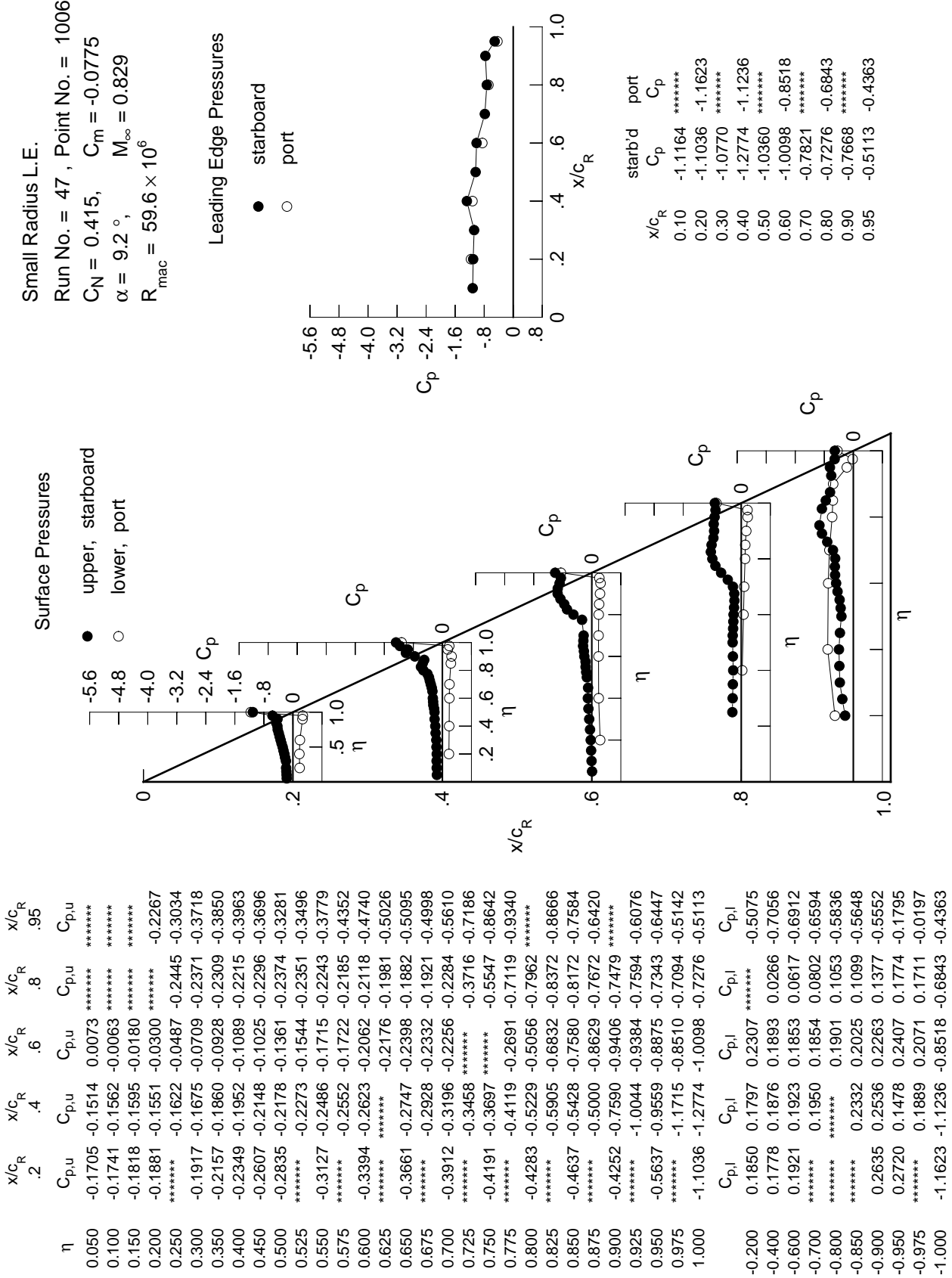


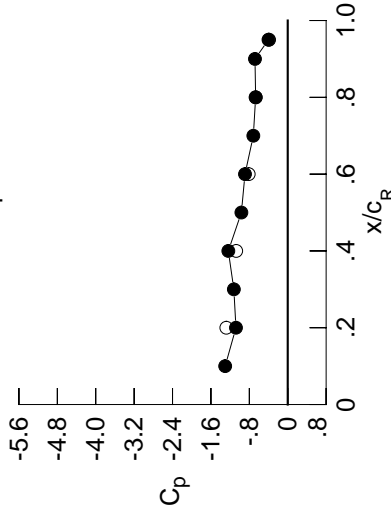
Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1895	-0.1789	-0.0140	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1961	-0.1840	-0.0271	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2058	-0.1888	-0.0372	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2115	-0.1800	-0.0530	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1960	-0.0752	-0.2692	-0.3627	*****	*****	*****	*****	*****
0.300	-0.2184	-0.2066	-0.1005	-0.2673	-0.3033	*****	*****	*****	*****	*****
0.350	-0.2452	-0.2174	-0.1235	-0.2531	-0.2158	*****	*****	*****	*****	*****
0.400	-0.2666	-0.2290	-0.1292	-0.2323	-0.2788	*****	*****	*****	*****	*****
0.450	-0.2886	-0.2599	-0.1154	-0.2191	-0.3937	*****	*****	*****	*****	*****
0.500	-0.3087	-0.2615	-0.1356	-0.2188	-0.4640	*****	*****	*****	*****	*****
0.525	*****	-0.2644	-0.1350	-0.2281	-0.5023	*****	*****	*****	*****	*****
0.550	-0.3424	-0.2801	-0.1408	-0.2274	-0.5226	*****	*****	*****	*****	*****
0.575	*****	-0.2832	-0.1515	-0.2257	-0.5630	*****	*****	*****	*****	*****
0.600	-0.3668	-0.2859	-0.2292	-0.2232	-0.5701	*****	*****	*****	*****	*****
0.625	*****	*****	-0.2535	-0.2126	-0.5774	*****	*****	*****	*****	*****
0.650	-0.3958	-0.3000	-0.2819	-0.2213	-0.6024	*****	*****	*****	*****	*****
0.675	*****	-0.3185	-0.2961	-0.2910	-0.6740	*****	*****	*****	*****	*****
0.700	-0.4238	-0.3312	-0.3101	-0.4744	-0.8311	*****	*****	*****	*****	*****
0.725	*****	-0.3387	*****	-0.7477	-0.9797	*****	*****	*****	*****	*****
0.750	-0.4447	-0.3839	*****	-0.9358	-1.0545	*****	*****	*****	*****	*****
0.775	*****	-0.5740	-0.8539	-1.0314	-1.0646	*****	*****	*****	*****	*****
0.800	-0.4491	-0.7986	-0.9900	-0.9800	*****	*****	*****	*****	*****	*****
0.825	*****	-0.8347	-0.9916	-0.9937	-0.7576	*****	*****	*****	*****	*****
0.850	-0.5429	-0.7298	-0.9543	-0.8777	-0.6381	*****	*****	*****	*****	*****
0.875	*****	-0.7360	-0.9084	-0.7784	-0.5820	*****	*****	*****	*****	*****
0.900	-0.7927	-0.9866	-0.8711	-0.7303	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0869	-0.8357	-0.7052	-0.5781	*****	*****	*****	*****	*****
0.950	-0.9014	-0.9646	-0.7977	-0.6759	-0.4985	*****	*****	*****	*****	*****
0.975	*****	-1.1661	-0.8100	-0.6543	-0.4512	*****	*****	*****	*****	*****
1.000	-1.0786	-1.2375	-0.8904	-0.6687	-0.4010	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2139	0.2053	0.2506	*****	-0.4762	*****	*****	*****	*****	*****
-0.600	0.2074	0.2143	0.2090	0.0430	-0.6987	*****	*****	*****	*****	*****
-0.700	0.2234	0.2219	0.2058	0.0781	-0.6832	*****	*****	*****	*****	*****
-0.800	*****	0.2228	0.2068	0.0971	-0.6505	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2124	0.1239	-0.5734	*****	*****	*****	*****	*****
-0.900	*****	0.2590	0.2247	0.1291	-0.5527	*****	*****	*****	*****	*****
-0.950	0.2866	0.2738	0.2452	0.1557	-0.5369	*****	*****	*****	*****	*****
-0.975	*****	0.2872	0.1514	0.2482	0.1877	-0.1700	*****	*****	*****	*****
-1.000	*****	0.1815	0.2019	0.1698	-0.0174	*****	*****	*****	*****	*****
-1.000	-1.2790	-1.0739	-0.8125	-0.6662	-0.3890	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 47, Point No. = 1007
 $C_N = 0.477$, $C_m = -0.0878$
 $\alpha = 10.2^\circ$, $M_\infty = 0.829$
 $R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.3036	*****
0.20	-1.0786	-1.2790
0.30	-1.1226	*****
0.40	-1.2375	-1.0739
0.50	-0.9654	*****
0.60	-0.8904	-0.8125
0.70	-0.7165	*****
0.80	-0.6687	-0.6662
0.90	-0.6821	*****
0.95	-0.4010	-0.3890

Surface Pressures

● upper, starboard
 ○ lower, port

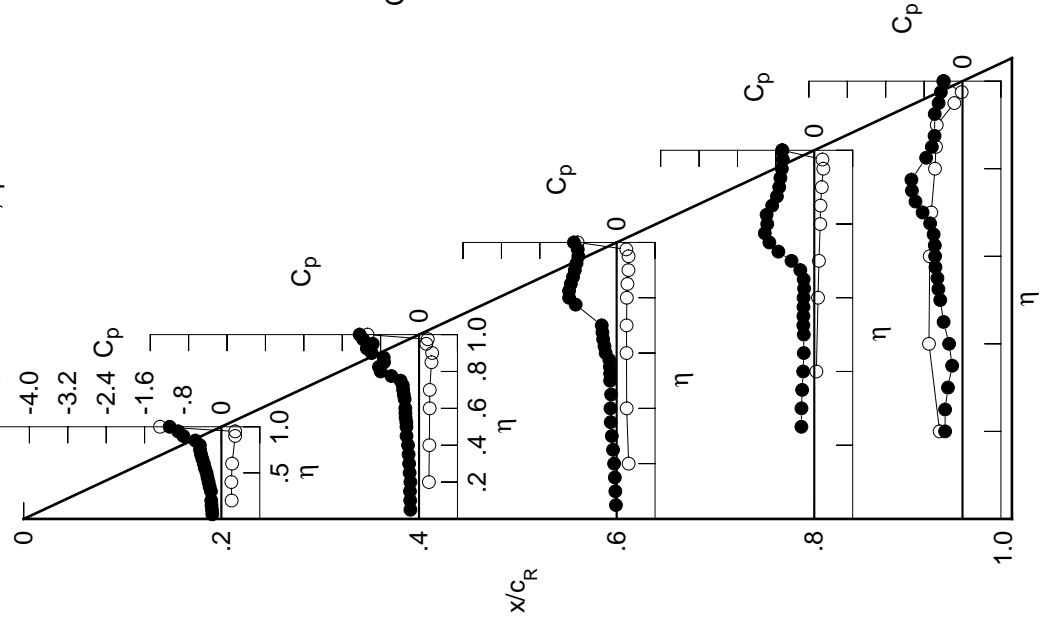


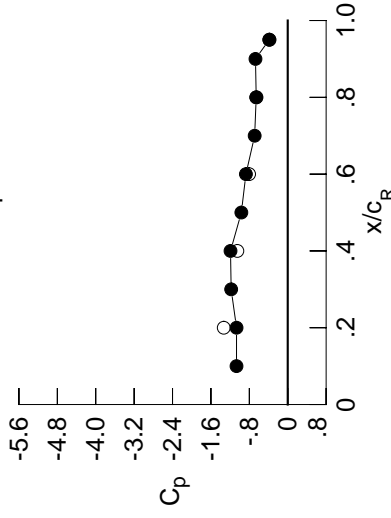
Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2096	-0.2076	-0.0342	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2165	-0.2122	-0.0462	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2299	-0.2108	-0.0594	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2356	-0.2164	-0.0798	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2388	-0.1032	-0.2882	-0.4055	*****	*****	*****	*****	*****
0.300	-0.2516	-0.2418	-0.1274	-0.2892	-0.2999	*****	*****	*****	*****	*****
0.350	-0.2722	-0.2476	-0.1539	-0.2702	-0.2192	*****	*****	*****	*****	*****
0.400	-0.2875	-0.2536	-0.1494	-0.2483	-0.2884	*****	*****	*****	*****	*****
0.450	-0.3116	-0.2931	-0.1322	-0.2359	-0.4031	*****	*****	*****	*****	*****
0.500	-0.3430	-0.3067	-0.1543	-0.2245	-0.5109	*****	*****	*****	*****	*****
0.525	*****	-0.3006	-0.1532	-0.2209	-0.5637	*****	*****	*****	*****	*****
0.550	-0.3709	-0.3106	-0.1492	-0.2097	-0.5746	*****	*****	*****	*****	*****
0.575	*****	-0.3113	-0.1276	-0.2057	-0.5975	*****	*****	*****	*****	*****
0.600	-0.3845	-0.3104	-0.1406	-0.2095	-0.5944	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1281	-0.2334	-0.6186	*****	*****	*****	*****	*****
0.650	-0.4161	-0.3141	-0.1865	-0.3234	-0.6984	*****	*****	*****	*****	*****
0.675	*****	-0.3212	-0.3653	-0.5262	-0.8332	*****	*****	*****	*****	*****
0.700	-0.4296	-0.3091	-0.6568	-0.7859	-1.0077	*****	*****	*****	*****	*****
0.725	*****	-0.2923	*****	-1.0068	-1.1458	*****	*****	*****	*****	*****
0.750	-0.4216	-0.5244	*****	-1.1171	-1.1981	*****	*****	*****	*****	*****
0.775	*****	-0.9202	-1.1148	-1.1601	-0.8750	*****	*****	*****	*****	*****
0.800	-0.5159	-1.1005	-1.0735	-1.0967	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0456	-1.0244	-1.0644	-0.5925	*****	*****	*****	*****	*****
0.850	-0.8653	-0.9611	-0.9670	-0.8729	-0.5479	*****	*****	*****	*****	*****
0.875	*****	-0.9961	-0.9075	-0.7908	-0.5526	*****	*****	*****	*****	*****
0.900	-1.0070	-1.1189	-0.8634	-0.7678	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1167	-0.8256	-0.7072	-0.5672	*****	*****	*****	*****	*****
0.950	-1.0569	-0.9786	-0.7916	-0.6622	-0.4948	*****	*****	*****	*****	*****
0.975	*****	-1.1363	-0.8088	-0.6515	-0.4476	*****	*****	*****	*****	*****
1.000	-1.0665	-1.1919	-0.8711	-0.6569	-0.3850	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2392	0.2273	0.2263	*****	-0.4912	*****	*****	*****	*****	*****
-0.600	0.2355	0.2361	0.2257	0.0566	-0.6915	*****	*****	*****	*****	*****
-0.700	0.2519	0.2450	0.2240	0.0921	-0.6777	*****	*****	*****	*****	*****
-0.800	*****	0.2476	0.2246	0.1114	-0.6444	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2313	0.1377	-0.5647	*****	*****	*****	*****	*****
-0.900	*****	0.2805	0.2431	0.1442	-0.5426	*****	*****	*****	*****	*****
-0.950	0.3052	0.2894	0.2601	0.1704	-0.5222	*****	*****	*****	*****	*****
-0.975	0.2991	0.1528	0.2514	0.1928	-0.1650	*****	*****	*****	*****	*****
-1.000	*****	0.1699	0.1917	0.1638	-0.0211	*****	*****	*****	*****	*****
-1.000	-1.3325	-1.0495	-0.8045	-0.6511	-0.3802	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 47, Point No. = 1008
 $C_N = 0.533$, $C_m = -0.0954$
 $\alpha = 11.3^\circ$, $M_\infty = 0.827$
 $R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0672	*****
0.20	-1.0665	-1.3325
0.30	-1.1788	*****
0.40	-1.1919	-1.0495
0.50	-0.9661	*****
0.60	-0.8711	-0.8045
0.70	-0.6891	*****
0.80	-0.6569	-0.6511
0.90	-0.6718	*****
0.95	-0.3850	-0.3802

Surface Pressures

● upper, starboard
 ○ lower, port

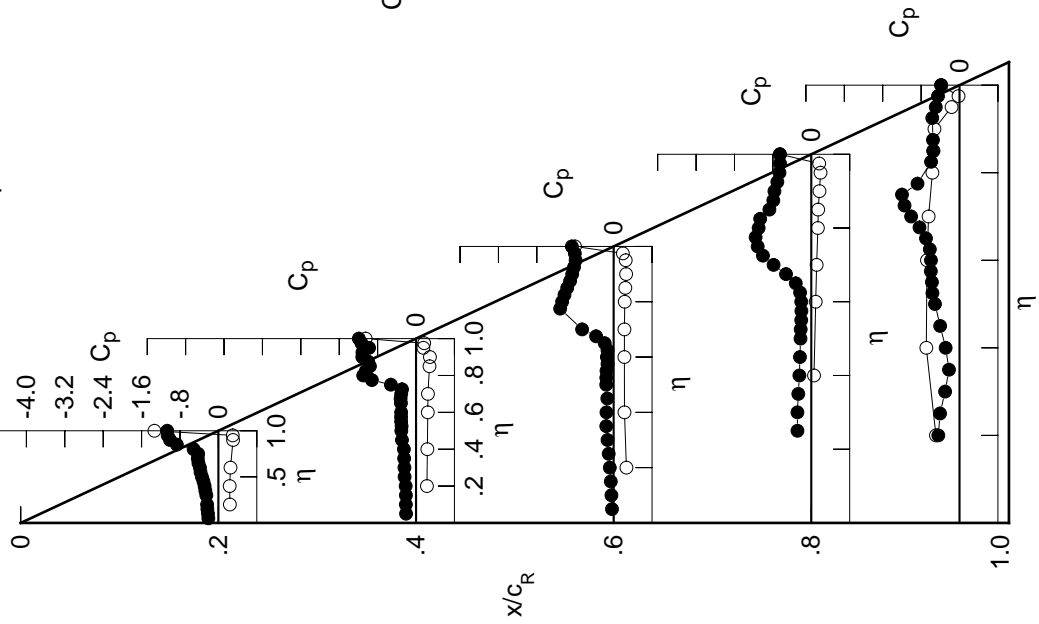


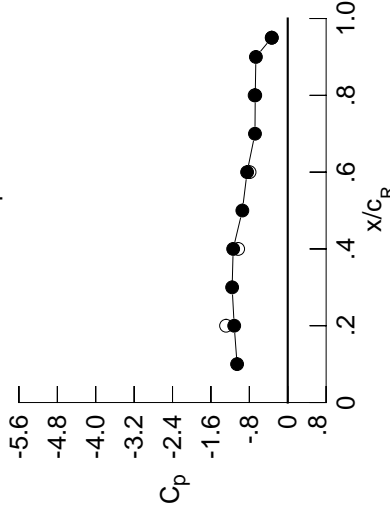
Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2320	-0.2395	-0.0549	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2359	-0.2414	-0.0660	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2512	-0.2422	-0.0835	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2700	-0.2527	-0.1085	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2747	-0.1246	-0.3070	-0.4451	*****	*****	*****	*****	*****
0.300	-0.2816	-0.2732	-0.1330	-0.2923	-0.4031	*****	*****	*****	*****	*****
0.350	-0.2950	-0.2739	-0.1558	-0.2884	-0.3607	*****	*****	*****	*****	*****
0.400	-0.3098	-0.2740	-0.1790	-0.2680	-0.3734	*****	*****	*****	*****	*****
0.450	-0.3390	-0.2900	-0.1641	-0.2568	-0.4495	*****	*****	*****	*****	*****
0.500	-0.3787	-0.3357	-0.1843	-0.2415	-0.5313	*****	*****	*****	*****	*****
0.525	*****	-0.3614	-0.1780	-0.2412	-0.5706	*****	*****	*****	*****	*****
0.550	-0.4049	-0.3729	-0.1743	-0.2376	-0.5711	*****	*****	*****	*****	*****
0.575	*****	-0.3564	-0.1590	-0.2514	-0.6003	*****	*****	*****	*****	*****
0.600	-0.4072	-0.3529	-0.2011	-0.2904	-0.6242	*****	*****	*****	*****	*****
0.625	*****	*****	-0.2440	-0.3759	-0.7037	*****	*****	*****	*****	*****
0.650	-0.4302	-0.3314	-0.4199	-0.5400	-0.8389	*****	*****	*****	*****	*****
0.675	*****	-0.3331	-0.7159	-0.7789	-0.9953	*****	*****	*****	*****	*****
0.700	-0.4207	-0.4313	-0.9794	-1.0101	-1.1528	*****	*****	*****	*****	*****
0.725	*****	-0.7754	*****	-1.1805	-1.1299	*****	*****	*****	*****	*****
0.750	-0.3806	-1.1029	*****	-1.2541	-0.8114	*****	*****	*****	*****	*****
0.775	*****	-1.2018	-1.2054	-1.2408	-0.6872	*****	*****	*****	*****	*****
0.800	-0.8752	-1.2009	-1.1456	-1.0302	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1098	-1.0832	-0.9610	-0.5417	*****	*****	*****	*****	*****
0.850	-1.0954	-1.0587	-1.0109	-0.8632	-0.5125	*****	*****	*****	*****	*****
0.875	*****	-1.0809	-0.9326	-0.8256	-0.5201	*****	*****	*****	*****	*****
0.900	-1.1064	-1.1378	-0.8715	-0.7971	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1161	-0.8281	-0.7149	-0.5268	*****	*****	*****	*****	*****
0.950	-1.1419	-1.0020	-0.7883	-0.6864	-0.4586	*****	*****	*****	*****	*****
0.975	*****	-1.1007	-0.7823	-0.6783	-0.4020	*****	*****	*****	*****	*****
1.000	-1.1151	-1.1367	-0.8467	-0.6770	-0.3327	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.2706	0.2523	0.2865	*****	*****	*****	*****	*****	*****
-0.400	*****	0.2665	0.2627	0.2465	0.0727	-0.6808	*****	*****	*****	*****
-0.600	0.2834	0.2711	0.2444	0.1080	0.6697	*****	*****	*****	*****	*****
-0.700	*****	0.2742	0.2461	0.1271	-0.6365	*****	*****	*****	*****	*****
-0.800	*****	*****	0.2525	0.1546	-0.5543	*****	*****	*****	*****	*****
-0.850	*****	0.3033	0.2631	0.1604	-0.5310	*****	*****	*****	*****	*****
-0.900	0.3262	0.3064	0.2758	0.1842	-0.5034	*****	*****	*****	*****	*****
-0.950	0.3131	0.1541	0.2548	0.1963	-0.1555	*****	*****	*****	*****	*****
-0.975	*****	0.1593	0.1824	0.1543	-0.0191	*****	*****	*****	*****	*****
-1.000	-1.2849	-1.0328	-0.7948	-0.6896	-0.3328	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 47, Point No. = 1009
 $C_N = 0.592$, $C_m = -0.1029$
 $\alpha = 12.4^\circ$, $M_\infty = 0.829$
 $R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0556	*****
0.20	-1.1151	-1.2849
0.30	-1.1581	*****
0.40	-1.1367	-1.0328
0.50	-0.9455	*****
0.60	-0.8467	-0.7948
0.70	-0.6827	*****
0.80	-0.6770	-0.6896
0.90	-0.6632	*****
0.95	-0.3327	-0.3328

Surface Pressures

● upper, starboard
 ○ lower, port

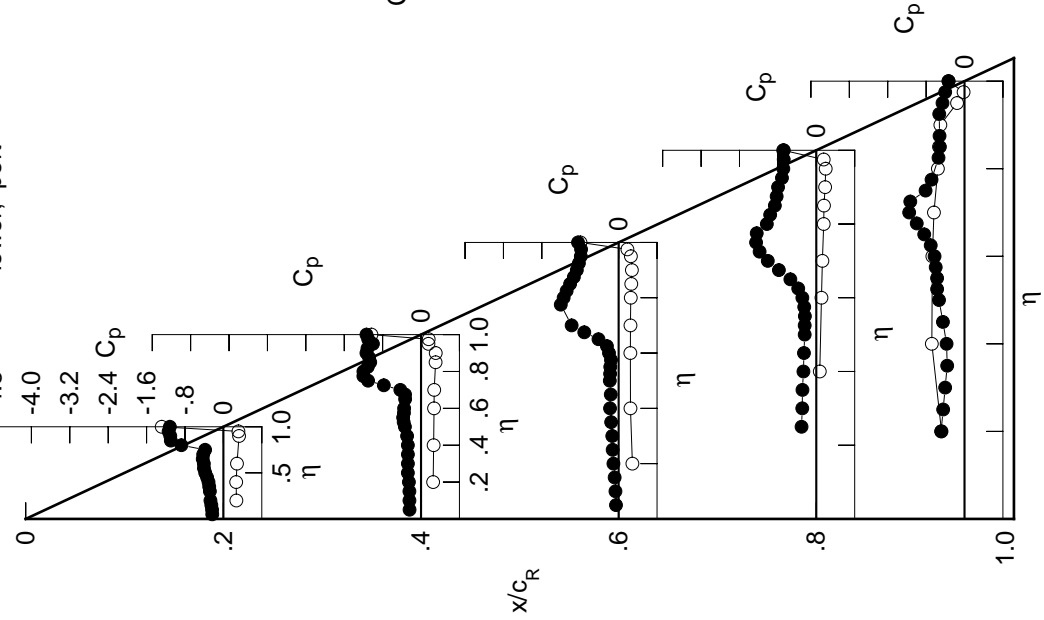
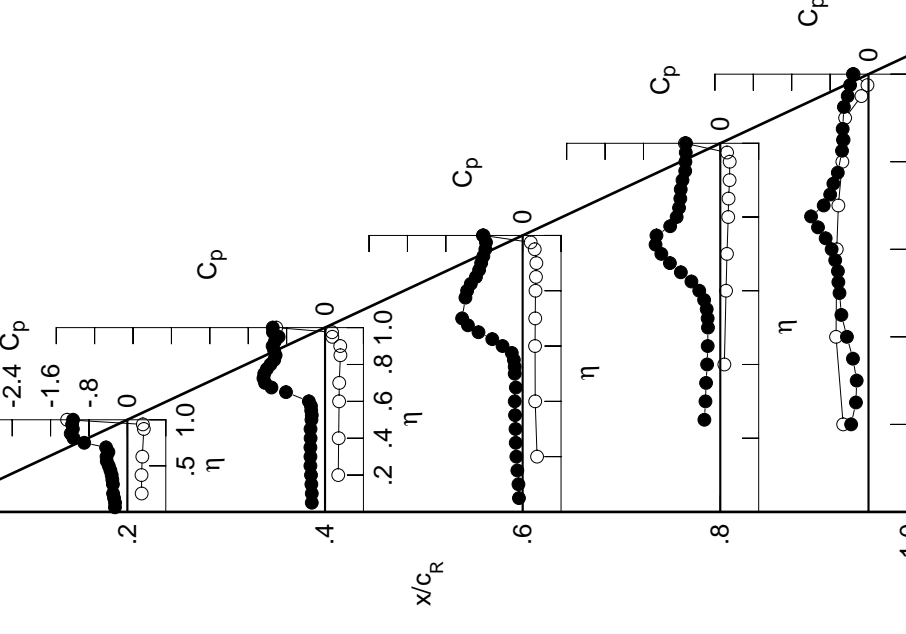
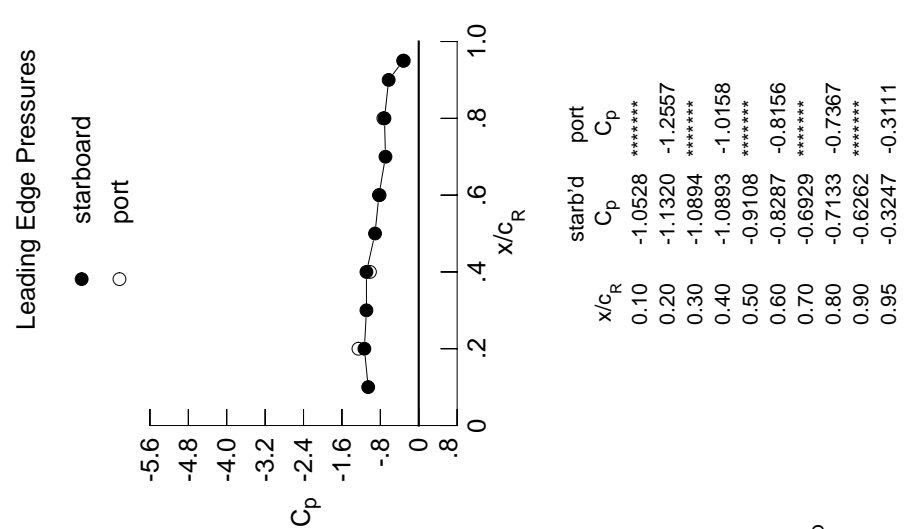


Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2591	-0.2758	-0.0770	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2580	-0.2759	-0.0873	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2778	-0.2848	-0.1103	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2987	-0.2924	-0.1308	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3048	-0.1444	-0.3308	-0.2618	*****	*****	*****	*****	*****
0.300	-0.3020	-0.3044	-0.1486	-0.3087	-0.2468	*****	*****	*****	*****	*****
0.350	-0.3140	-0.3046	-0.1585	-0.2959	-0.3237	*****	*****	*****	*****	*****
0.400	-0.3273	-0.3007	-0.1646	-0.2740	-0.4495	*****	*****	*****	*****	*****
0.450	-0.3537	-0.3026	-0.1417	-0.2625	-0.5645	*****	*****	*****	*****	*****
0.500	-0.3880	-0.2831	-0.1657	-0.2566	-0.6037	*****	*****	*****	*****	*****
0.525	*****	-0.2762	-0.1660	-0.2635	-0.6281	*****	*****	*****	*****	*****
0.550	-0.4297	-0.2879	-0.1829	-0.2828	-0.6374	*****	*****	*****	*****	*****
0.575	*****	-0.2936	-0.2265	-0.3365	-0.6938	*****	*****	*****	*****	*****
0.600	-0.4346	-0.3370	-0.4185	-0.4380	-0.7676	*****	*****	*****	*****	*****
0.625	*****	*****	-0.6326	-0.6020	-0.8930	*****	*****	*****	*****	*****
0.650	-0.3952	-0.8135	-0.9202	-0.8212	-1.0520	*****	*****	*****	*****	*****
0.675	*****	-1.1157	-1.1400	-1.0498	-1.1971	*****	*****	*****	*****	*****
0.700	-0.4444	-1.2505	-1.2607	-1.2282	-0.9339	*****	*****	*****	*****	*****
0.725	*****	-1.2830	*****	-1.3491	-0.7985	*****	*****	*****	*****	*****
0.750	-0.8988	-1.2665	*****	-1.3295	-0.7317	*****	*****	*****	*****	*****
0.775	*****	-1.2126	-1.1920	-1.0440	-0.6401	*****	*****	*****	*****	*****
0.800	-1.1213	-1.1372	-1.1572	-0.9089	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0591	-1.0797	-0.8589	-0.5519	*****	*****	*****	*****	*****
0.850	-1.1807	-1.0298	-0.9730	-0.8329	-0.5312	*****	*****	*****	*****	*****
0.875	*****	-1.0597	-0.9069	-0.8237	-0.5388	*****	*****	*****	*****	*****
0.900	-1.1360	-1.0923	-0.8642	-0.7872	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0445	-0.8184	-0.7302	-0.5129	*****	*****	*****	*****	*****
0.950	-1.1519	-0.9665	-0.7769	-0.7262	-0.4332	*****	*****	*****	*****	*****
0.975	*****	-1.0852	-0.7643	-0.7191	-0.3832	*****	*****	*****	*****	*****
1.000	-1.1320	-1.0893	-0.8287	-0.7133	-0.3247	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.2975	0.2750	0.3009	*****	*****	*****	*****	*****	*****
-0.400	0.2943	0.2839	0.2618	0.0844	-0.6764	*****	*****	*****	*****	*****
-0.600	0.3109	0.2930	0.2588	0.1201	-0.6618	*****	*****	*****	*****	*****
-0.700	*****	0.2961	0.2622	0.1391	-0.6280	*****	*****	*****	*****	*****
-0.800	*****	*****	0.2676	0.1655	-0.5446	*****	*****	*****	*****	*****
-0.850	*****	0.3202	0.2772	0.1723	-0.5191	*****	*****	*****	*****	*****
-0.900	0.3421	0.3171	0.2855	0.1937	-0.4876	*****	*****	*****	*****	*****
-0.950	0.3220	0.1510	0.2522	0.1959	-0.1480	*****	*****	*****	*****	*****
-0.975	*****	0.1464	0.1680	0.1411	-0.0218	*****	*****	*****	*****	*****
-1.000	-1.2557	-1.0158	-0.8156	-0.7367	-0.3111	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 47, Point No. = 1010
 $C_N = 0.644$, $C_m = -0.1071$
 $\alpha = 13.4^\circ$, $M_\infty = 0.832$
 $R_{mac} = 59.6 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-1.0528	*****
0.20	-1.1320	-1.2557
0.30	-1.0894	*****
0.40	-1.0893	-1.0158
0.50	-0.9108	*****
0.60	-0.8287	-0.8156
0.70	-0.6929	*****
0.80	-0.7133	-0.7367
0.90	-0.6262	*****
0.95	-0.3247	-0.3111

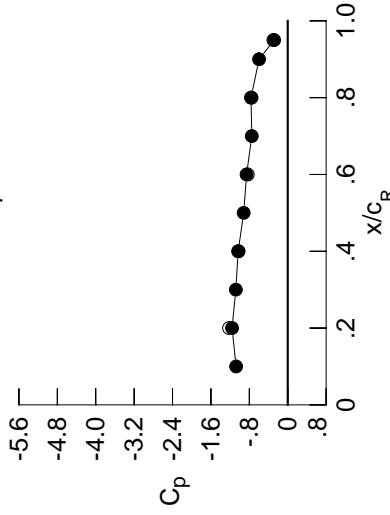
Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2844	-0.3105	-0.0952	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2806	-0.3119	-0.1074	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3038	-0.3287	-0.1327	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3229	-0.3245	-0.1420	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3318	-0.1572	-0.3398	-0.2720	*****	*****	*****	*****	*****
0.300	-0.3165	-0.3326	-0.1631	-0.3195	-0.2806	*****	*****	*****	*****	*****
0.350	-0.3333	-0.3371	-0.1744	-0.3085	-0.3597	*****	*****	*****	*****	*****
0.400	-0.3431	-0.3347	-0.1808	-0.2884	-0.4799	*****	*****	*****	*****	*****
0.450	-0.3641	-0.3373	-0.1605	-0.2831	-0.5728	*****	*****	*****	*****	*****
0.500	-0.3780	-0.3211	-0.2020	-0.2969	-0.6132	*****	*****	*****	*****	*****
0.525	*****	-0.3177	-0.2304	-0.3241	-0.6537	*****	*****	*****	*****	*****
0.550	-0.4213	-0.3380	-0.2950	-0.3754	-0.6964	*****	*****	*****	*****	*****
0.575	*****	-0.3739	-0.4010	-0.4718	-0.7944	*****	*****	*****	*****	*****
0.600	-0.4100	-0.4963	-0.6443	-0.6146	-0.9049	*****	*****	*****	*****	*****
0.625	*****	*****	-0.8563	-0.7947	-1.0487	*****	*****	*****	*****	*****
0.650	-0.4791	-1.0878	-1.0804	-0.9945	-1.1853	*****	*****	*****	*****	*****
0.675	*****	-1.3335	-1.2558	-1.1845	-0.7785	*****	*****	*****	*****	*****
0.700	-0.9989	-1.4335	-1.3543	-1.3228	-0.7022	*****	*****	*****	*****	*****
0.725	*****	-1.4379	*****	-1.0676	-0.6192	*****	*****	*****	*****	*****
0.750	-1.1863	-1.3911	*****	-0.9622	-0.5433	*****	*****	*****	*****	*****
0.775	*****	-1.3592	-1.2374	-0.9482	-0.5081	*****	*****	*****	*****	*****
0.800	-1.2171	-1.2865	-1.0944	-0.9394	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1976	-1.0163	-0.9327	-0.4906	*****	*****	*****	*****	*****
0.850	-1.2088	-1.1424	-0.9872	-0.9350	-0.4688	*****	*****	*****	*****	*****
0.875	*****	-1.1159	-0.9722	-0.8843	-0.4659	*****	*****	*****	*****	*****
0.900	-1.1506	-1.0756	-0.9315	-0.8076	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0154	-0.8581	-0.7679	-0.4450	*****	*****	*****	*****	*****
0.950	-1.1695	-0.9593	-0.8161	-0.7752	-0.3803	*****	*****	*****	*****	*****
0.975	*****	-1.0378	-0.8045	-0.7684	-0.3351	*****	*****	*****	*****	*****
1.000	-1.1598	-1.0325	-0.8572	-0.7651	-0.2829	*****	*****	*****	*****	*****
-0.200	0.3274	0.2994	0.3199	*****	-0.5978	*****	*****	*****	*****	*****
-0.400	0.3250	0.3088	0.2808	0.0998	-0.6736	*****	*****	*****	*****	*****
-0.600	0.3413	0.3179	0.2790	0.1356	-0.6530	*****	*****	*****	*****	*****
-0.700	*****	0.3210	0.2817	0.1539	-0.6168	*****	*****	*****	*****	*****
-0.800	*****	*****	0.2865	0.1808	-0.5314	*****	*****	*****	*****	*****
-0.850	*****	0.3383	0.2942	0.1871	-0.5050	*****	*****	*****	*****	*****
-0.900	0.3606	0.3288	0.2978	0.2052	-0.4694	*****	*****	*****	*****	*****
-0.950	0.3338	0.1503	0.2526	0.1977	-0.1407	*****	*****	*****	*****	*****
-0.975	*****	0.1335	0.1564	0.1320	-0.0216	*****	*****	*****	*****	*****
-1.000	-1.2226	-1.0233	-0.8331	-0.7538	-0.2988	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 47, Point No. = 1011
 $C_N = 0.692$, $C_m = -0.1096$
 $\alpha = 14.5^\circ$, $M_\infty = 0.832$
 $R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starbd C_p	port C_p
0.10	-1.0755	*****
0.20	-1.1598	-1.2226
0.30	-1.0810	*****
0.40	-1.0325	-1.0233
0.50	-0.9173	*****
0.60	-0.8572	-0.8331
0.70	-0.7488	*****
0.80	-0.7651	-0.7538
0.90	-0.5973	*****
0.95	-0.2829	-0.2988

Surface Pressures

● upper, starboard
 ○ lower, port

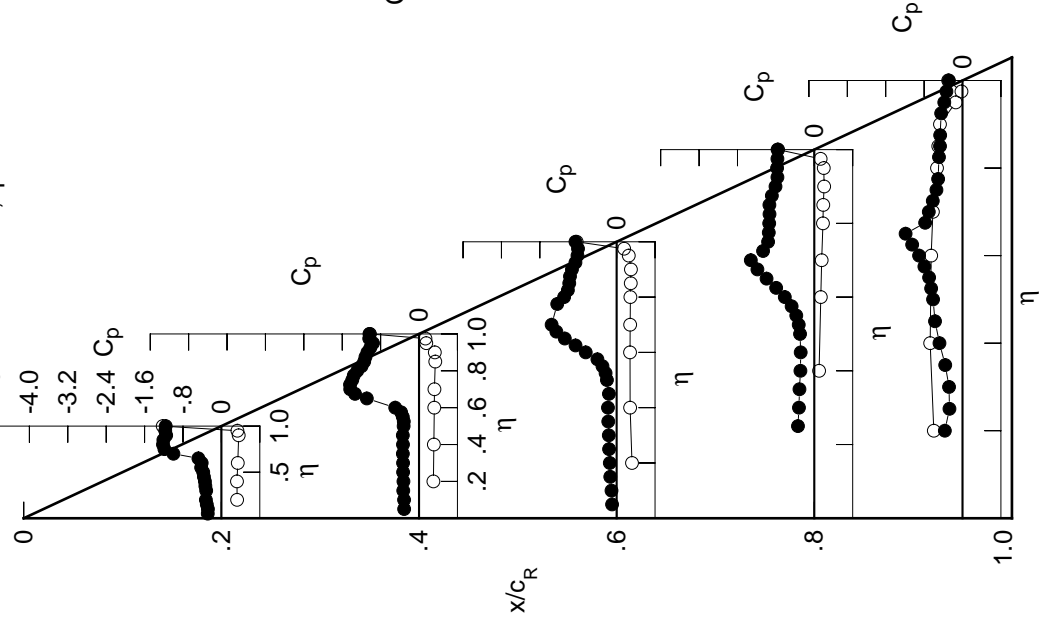


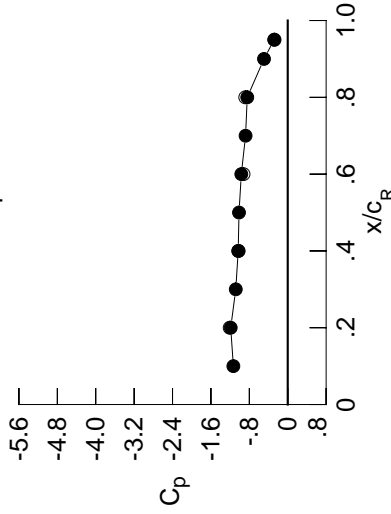
Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3402	-0.3977	-0.1338	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3378	-0.4041	-0.1477	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3632	-0.4132	-0.1698	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3720	-0.4061	-0.1780	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.4133	-0.1932	-0.4031	-0.4354	*****	*****	*****	*****	*****
0.300	-0.3572	-0.4097	-0.2035	-0.3866	-0.4194	*****	*****	*****	*****	*****
0.350	-0.3763	-0.4132	-0.2202	-0.3789	-0.4708	*****	*****	*****	*****	*****
0.400	-0.3889	-0.4109	-0.2403	-0.3735	-0.5843	*****	*****	*****	*****	*****
0.450	-0.3991	-0.4167	-0.2576	-0.4035	-0.6773	*****	*****	*****	*****	*****
0.500	-0.3822	-0.4316	-0.3947	-0.4935	-0.7733	*****	*****	*****	*****	*****
0.525	*****	-0.4753	-0.5040	-0.5756	-0.8547	*****	*****	*****	*****	*****
0.550	-0.3510	-0.5980	-0.6492	-0.6873	-0.9433	*****	*****	*****	*****	*****
0.575	*****	-0.7813	-0.8073	-0.8328	-1.0721	*****	*****	*****	*****	*****
0.600	-0.6176	-1.0281	-1.0349	-0.9870	-1.1868	*****	*****	*****	*****	*****
0.625	*****	*****	-1.1968	-1.1395	-0.8388	*****	*****	*****	*****	*****
0.650	-1.3225	-1.4449	-1.3485	-1.2825	-0.7470	*****	*****	*****	*****	*****
0.675	*****	-1.5905	-1.4707	-1.0765	-0.6860	*****	*****	*****	*****	*****
0.700	-1.4310	-1.6585	-1.2773	-0.9387	-0.5776	*****	*****	*****	*****	*****
0.725	*****	-1.6743	*****	-0.9223	-0.5119	*****	*****	*****	*****	*****
0.750	-1.4197	-1.5238	*****	-0.9166	-0.4875	*****	*****	*****	*****	*****
0.775	*****	-1.4191	-1.1431	-0.9358	-0.4702	*****	*****	*****	*****	*****
0.800	-1.3524	-1.3053	-1.1369	-0.9661	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2416	-1.1416	-0.9635	-0.4400	*****	*****	*****	*****	*****
0.850	-1.2910	-1.2128	-1.1225	-0.9317	-0.4196	*****	*****	*****	*****	*****
0.875	*****	-1.1791	-1.0500	-0.8868	-0.4117	*****	*****	*****	*****	*****
0.900	-1.2057	-1.1183	-0.9846	-0.8662	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0557	-0.9550	-0.8616	-0.3867	*****	*****	*****	*****	*****
0.950	-1.1944	-1.0211	-0.9438	-0.8634	-0.3403	*****	*****	*****	*****	*****
0.975	*****	-1.0697	-0.9474	-0.8512	-0.3159	*****	*****	*****	*****	*****
1.000	-1.1878	-1.0318	-0.9672	-0.8433	-0.2817	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3852	0.3467	0.3557	*****	-0.5877	*****	*****	*****	*****	*****
-0.600	0.3837	0.3559	0.3165	0.1291	-0.6626	*****	*****	*****	*****	*****
-0.700	0.3985	0.3636	0.3149	0.1636	-0.6415	*****	*****	*****	*****	*****
-0.800	*****	0.3665	0.3171	0.1824	-0.6018	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3195	0.2077	-0.5114	*****	*****	*****	*****	*****
-0.900	*****	0.3719	0.3223	0.2128	-0.4824	*****	*****	*****	*****	*****
-0.950	0.3922	0.3490	0.3151	0.2244	-0.4410	*****	*****	*****	*****	*****
-0.975	0.3512	0.1516	0.2439	0.1942	-0.1297	*****	*****	*****	*****	*****
-1.000	*****	0.1074	0.1210	0.1013	-0.0264	*****	*****	*****	*****	*****
-1.000	-1.2093	-1.0224	-0.9206	-0.8846	-0.2750	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 47, Point No. = 1012
 $C_N = 0.790$, $C_m = -0.1182$
 $\alpha = 16.5^\circ$, $M_\infty = 0.831$
 $R_{mac} = 59.5 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1324	*****
0.20	-1.1878	-1.2093
0.30	-1.0826	*****
0.40	-1.0318	-1.0224
0.50	-1.0151	*****
0.60	-0.9672	-0.9206
0.70	-0.8785	*****
0.80	-0.8433	-0.8846
0.90	-0.4943	*****
0.95	-0.2817	-0.2750

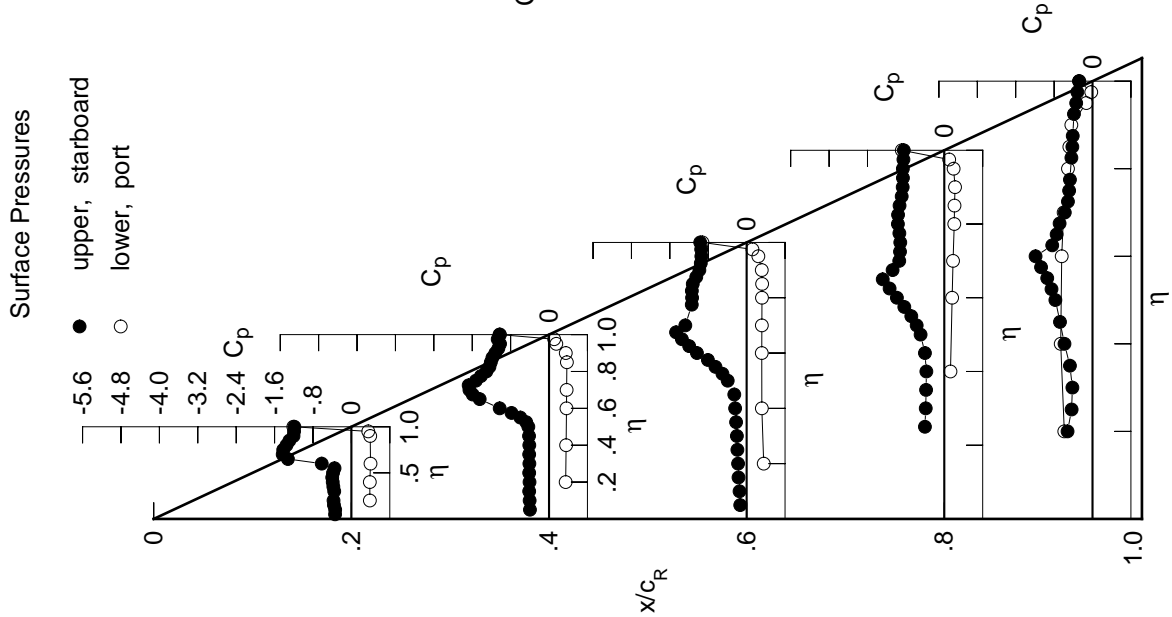


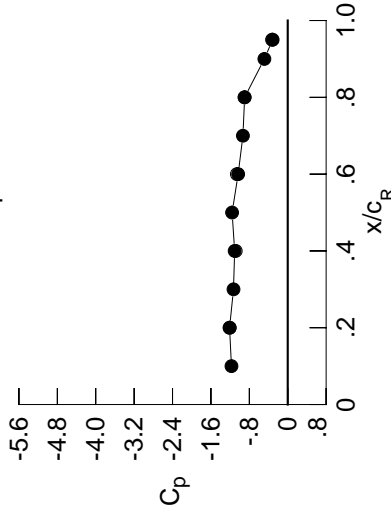
Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.3828	-0.4580	-0.1693	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3962	-0.4632	-0.1815	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4034	-0.4630	-0.1991	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4022	-0.4653	-0.2147	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.4696	-0.2339	-0.5110	-0.6636	*****	*****	*****	*****	*****
0.300	-0.4011	-0.4689	-0.2499	-0.5001	-0.7031	*****	*****	*****	*****	*****
0.350	-0.4252	-0.4738	-0.2816	-0.5013	-0.7239	*****	*****	*****	*****	*****
0.400	-0.4242	-0.4874	-0.3334	-0.5220	-0.7675	*****	*****	*****	*****	*****
0.450	-0.4189	-0.5460	-0.4170	-0.5994	-0.8311	*****	*****	*****	*****	*****
0.500	-0.4476	-0.6807	-0.6431	-0.7560	-0.9555	*****	*****	*****	*****	*****
0.525	*****	-0.8084	-0.7950	-0.8697	-1.0407	*****	*****	*****	*****	*****
0.550	-0.8505	-1.0233	-0.9613	-0.9969	-1.1393	*****	*****	*****	*****	*****
0.575	*****	-1.2162	-1.1213	-1.1369	-1.2346	*****	*****	*****	*****	*****
0.600	-1.4418	-1.3936	-1.3008	-1.2679	-0.8152	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4185	-1.3841	-0.7458	*****	*****	*****	*****	*****
0.650	-1.6107	-1.6192	-1.3791	-1.2214	-0.7283	*****	*****	*****	*****	*****
0.675	*****	-1.7073	-1.1712	-1.0871	-0.6870	*****	*****	*****	*****	*****
0.700	-1.5299	-1.5608	-1.1483	-1.0702	-0.6314	*****	*****	*****	*****	*****
0.725	*****	-1.5114	*****	-1.0770	-0.5930	*****	*****	*****	*****	*****
0.750	-1.4859	-1.5047	*****	-1.0883	-0.5618	*****	*****	*****	*****	*****
0.775	*****	-1.4693	-1.1625	-1.0983	-0.5214	*****	*****	*****	*****	*****
0.800	-1.3973	-1.3943	-1.1929	-1.0920	*****	*****	*****	*****	*****	*****
0.825	*****	-1.3174	-1.2060	-1.0628	-0.4497	*****	*****	*****	*****	*****
0.850	-1.3060	-1.2670	-1.1634	-1.0245	-0.4217	*****	*****	*****	*****	*****
0.875	*****	-1.2253	-1.1055	-0.9657	-0.4228	*****	*****	*****	*****	*****
0.900	-1.2408	-1.1746	-1.0815	-0.9273	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1923	-1.0717	-0.9164	-0.4267	*****	*****	*****	*****	*****
0.950	-1.2249	-1.1096	-1.0520	-0.9217	-0.3651	*****	*****	*****	*****	*****
0.975	*****	-1.1497	-1.0373	-0.9148	-0.3429	*****	*****	*****	*****	*****
1.000	-1.2119	-1.1058	-1.0329	-0.8977	-0.3147	*****	*****	*****	*****	*****
-0.200	0.4408	0.3925	0.3893	*****	-0.5670	*****	*****	*****	*****	*****
-0.400	0.4405	0.4001	0.3531	0.1593	-0.6404	*****	*****	*****	*****	*****
-0.600	0.4521	0.4074	0.3482	0.1936	-0.6190	*****	*****	*****	*****	*****
-0.700	*****	0.4080	0.3516	0.2110	-0.5774	*****	*****	*****	*****	*****
-0.800	*****	*****	0.3487	0.2349	-0.4887	*****	*****	*****	*****	*****
-0.850	*****	0.3979	0.3455	0.2381	-0.4573	*****	*****	*****	*****	*****
-0.900	0.4187	0.3608	0.3256	0.2411	-0.4144	*****	*****	*****	*****	*****
-0.950	0.3646	0.1437	0.2263	0.1896	-0.1257	*****	*****	*****	*****	*****
-0.975	*****	0.0721	0.0762	0.0754	-0.0444	*****	*****	*****	*****	*****
-1.000	-1.2078	-1.0833	-1.0594	-0.9003	-0.3264	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 47, Point No. = 1013
 $C_N = 0.907$, $C_m = -0.1366$
 $\alpha = 18.6^\circ$, $M_\infty = 0.832$
 $R_{mac} = 59.5 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1723	*****
0.20	-1.2119	-1.2078
0.30	-1.1299	*****
0.40	-1.1058	-1.0833
0.50	-1.1589	*****
0.60	-1.0329	-1.0594
0.70	-0.9334	*****
0.80	-0.8977	-0.9003
0.90	-0.4866	*****
0.95	-0.3147	-0.3264

Surface Pressures

● upper, starboard
 ○ lower, port

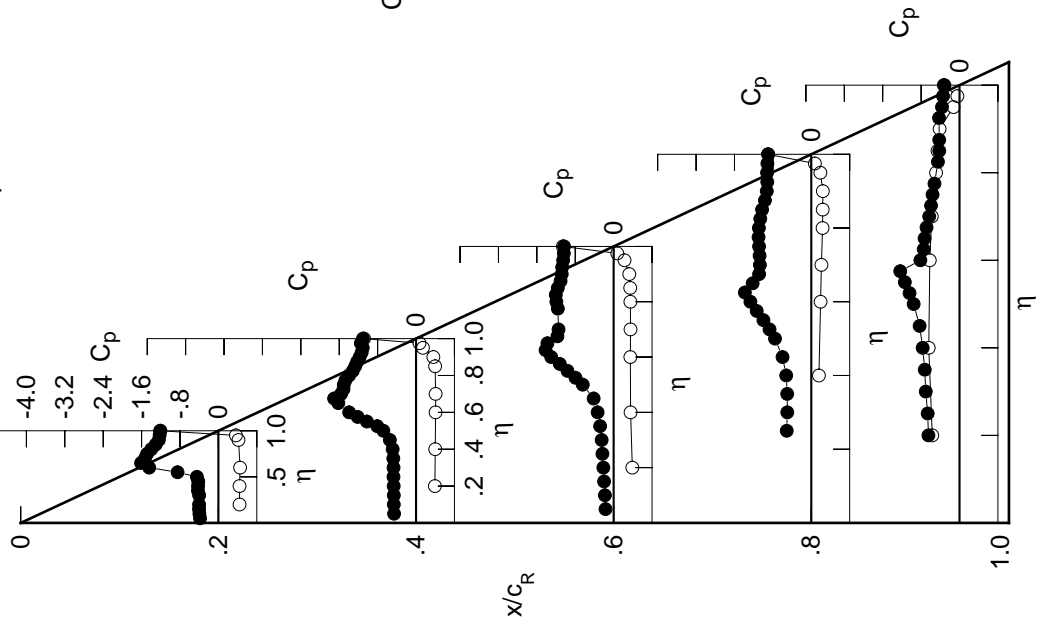


Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4558	-0.5342	-0.2601	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4748	-0.5414	-0.2807	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4768	-0.5448	-0.3080	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4766	-0.5414	-0.3298	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.5500	-0.3673	-0.5606	-0.6049	*****	*****	*****	*****	*****
0.300	-0.4607	-0.5581	-0.4107	-0.5594	-0.6491	*****	*****	*****	*****	*****
0.350	-0.4822	-0.5835	-0.4783	-0.5777	-0.6792	*****	*****	*****	*****	*****
0.400	-0.4881	-0.6360	-0.5880	-0.6309	-0.7509	*****	*****	*****	*****	*****
0.450	-0.5455	-0.7690	-0.7398	-0.7598	-0.8562	*****	*****	*****	*****	*****
0.500	-0.8153	-0.9789	-1.0073	-0.9682	-1.0330	*****	*****	*****	*****	*****
0.525	*****	-1.1141	-1.1495	-1.0944	-1.1344	*****	*****	*****	*****	*****
0.550	-1.3432	-1.3176	-1.2869	-1.2221	-1.2450	*****	*****	*****	*****	*****
0.575	*****	-1.4606	-1.4057	-1.3469	-1.0504	*****	*****	*****	*****	*****
0.600	-1.6870	-1.5839	-1.5303	-1.4541	-0.8046	*****	*****	*****	*****	*****
0.625	*****	*****	-1.5373	-1.5364	-0.7673	*****	*****	*****	*****	*****
0.650	-1.8114	-1.5138	-1.3122	-1.2511	-0.7591	*****	*****	*****	*****	*****
0.675	*****	-1.4615	-1.2949	-1.2144	-0.7353	*****	*****	*****	*****	*****
0.700	-1.6331	-1.4583	-1.2869	-1.2181	-0.7053	*****	*****	*****	*****	*****
0.725	*****	-1.4604	*****	-1.2311	-0.6734	*****	*****	*****	*****	*****
0.750	-1.5605	-1.4759	*****	-1.2348	-0.6441	*****	*****	*****	*****	*****
0.775	*****	-1.5099	-1.2956	-1.2308	-0.5776	*****	*****	*****	*****	*****
0.800	-1.4473	-1.5571	-1.2958	-1.1883	*****	*****	*****	*****	*****	*****
0.825	*****	-1.5140	-1.2663	-1.1251	-0.4537	*****	*****	*****	*****	*****
0.850	-1.3547	-1.3746	-1.2162	-1.0838	-0.4073	*****	*****	*****	*****	*****
0.875	*****	-1.2805	-1.1741	-1.0341	-0.4126	*****	*****	*****	*****	*****
0.900	-1.2937	-1.2624	-1.1589	-0.9908	*****	*****	*****	*****	*****	*****
0.925	*****	-1.2571	-1.1584	-0.9629	-0.4463	*****	*****	*****	*****	*****
0.950	-1.2611	-1.2522	-1.1637	-0.9583	-0.3856	*****	*****	*****	*****	*****
0.975	*****	-1.2958	-1.1625	-0.9504	-0.3668	*****	*****	*****	*****	*****
1.000	-1.2429	-1.2904	-1.1439	-0.9341	-0.3461	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4985	0.4401	0.4284	*****	-0.5483	*****	*****	*****	*****	*****
-0.600	0.4974	0.4490	0.3915	0.1937	-0.6168	*****	*****	*****	*****	*****
-0.700	0.5049	0.4524	0.3867	0.2265	-0.5935	*****	*****	*****	*****	*****
-0.800	*****	0.4500	0.3879	0.2420	-0.5518	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3810	0.2629	-0.4592	*****	*****	*****	*****	*****
-0.900	*****	0.4229	0.3711	0.2630	-0.4294	*****	*****	*****	*****	*****
-0.950	0.4427	0.3710	0.3389	0.2577	-0.3861	*****	*****	*****	*****	*****
-0.975	0.3745	0.1320	0.2135	0.1838	-0.1175	*****	*****	*****	*****	*****
-1.000	*****	0.0338	0.0407	0.0481	-0.0564	*****	*****	*****	*****	*****
-1.000	-1.2602	-1.2586	-1.1702	-0.9504	-0.3653	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 47, Point No. = 1014
 $C_N = 1.018$, $C_m = -0.1534$
 $\alpha = 20.7^\circ$, $M_\infty = 0.830$
 $R_{mac} = 59.6 \times 10^6$

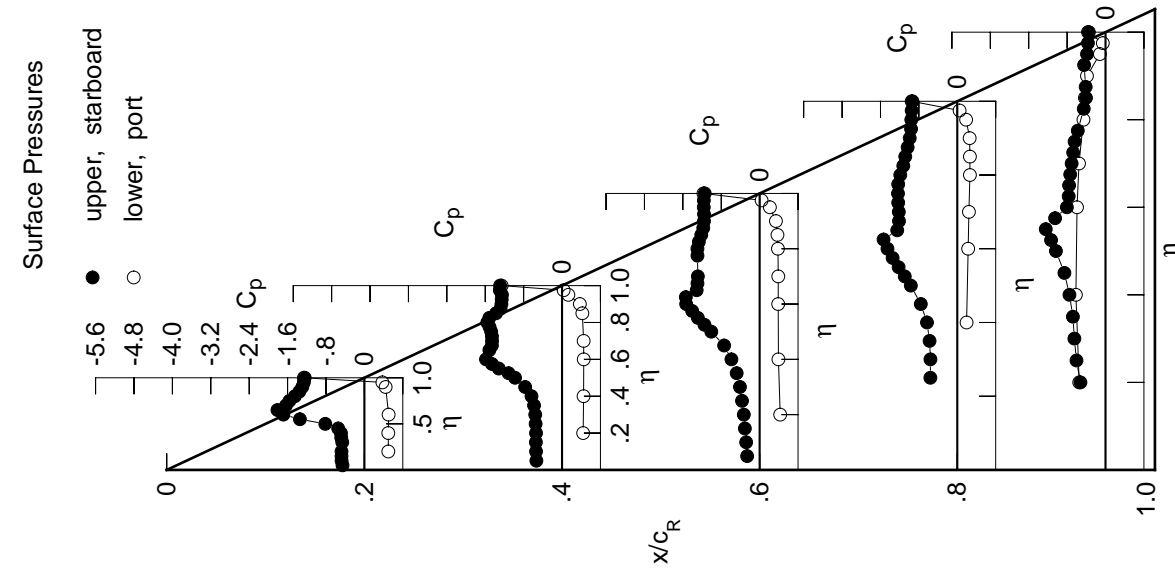
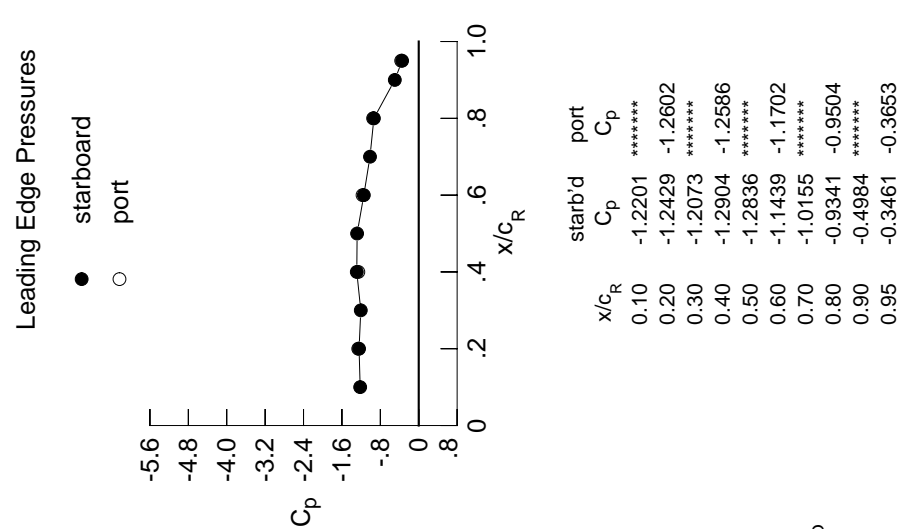


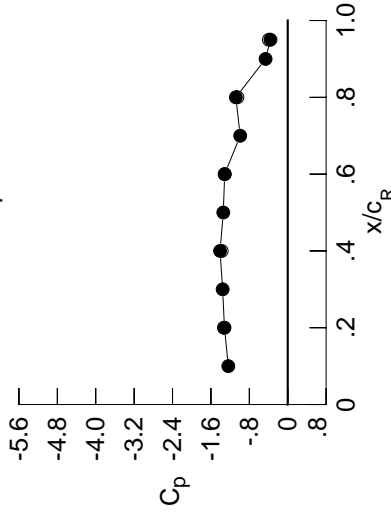
Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.5449	-0.6143	-0.5893	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5613	-0.6191	-0.5932	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5644	-0.6261	-0.6005	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5659	-0.6314	-0.6071	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6503	-0.6297	-0.6621	-0.5017	*****	*****	*****	*****	*****
0.300	-0.5549	-0.6758	-0.6640	-0.6931	-0.5692	*****	*****	*****	*****	*****
0.350	-0.5888	-0.7339	-0.7408	-0.7456	-0.6086	*****	*****	*****	*****	*****
0.400	-0.6500	-0.8326	-0.8722	-0.8374	-0.6960	*****	*****	*****	*****	*****
0.450	-0.8358	-1.0153	-1.0637	-0.9839	-0.8291	*****	*****	*****	*****	*****
0.500	-1.2076	-1.2211	-1.3105	-1.1772	-1.0384	*****	*****	*****	*****	*****
0.525	*****	-1.3269	-1.4245	-1.2825	-1.1493	*****	*****	*****	*****	*****
0.550	-1.5800	-1.4968	-1.5321	-1.3840	-1.2498	*****	*****	*****	*****	*****
0.575	*****	-1.5983	-1.6138	-1.4815	-0.7911	*****	*****	*****	*****	*****
0.600	-1.7945	-1.6805	-1.6962	-1.5655	-0.7157	*****	*****	*****	*****	*****
0.625	*****	*****	-1.5163	-1.6350	-0.6677	*****	*****	*****	*****	*****
0.650	-1.8445	-1.4498	-1.4690	-1.3541	-0.6163	*****	*****	*****	*****	*****
0.675	*****	-1.4467	-1.4678	-1.3249	-0.5591	*****	*****	*****	*****	*****
0.700	-1.7368	-1.4484	-1.4636	-1.3064	-0.5036	*****	*****	*****	*****	*****
0.725	*****	-1.4589	*****	-1.2965	-0.4774	*****	*****	*****	*****	*****
0.750	-1.6261	-1.4807	*****	-1.2902	-0.4748	*****	*****	*****	*****	*****
0.775	*****	-1.5161	-1.4774	-1.2922	-0.4894	*****	*****	*****	*****	*****
0.800	-1.4230	-1.5110	-1.4822	-1.2947	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4619	-1.4660	-1.2774	-0.5502	*****	*****	*****	*****	*****
0.850	-1.3951	-1.4155	-1.4147	-1.2563	-0.5208	*****	*****	*****	*****	*****
0.875	*****	-1.3911	-1.3558	-1.1662	-0.5117	*****	*****	*****	*****	*****
0.900	-1.3535	-1.3876	-1.3271	-1.0872	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3885	-1.3188	-1.0636	-0.4935	*****	*****	*****	*****	*****
0.950	-1.3288	-1.3852	-1.3178	-1.0885	-0.4259	*****	*****	*****	*****	*****
0.975	*****	-1.3985	-1.3120	-1.0973	-0.3936	*****	*****	*****	*****	*****
1.000	-1.3180	-1.4098	-1.3135	-1.0811	-0.3602	*****	*****	*****	*****	*****
-0.200	*****	0.5525	0.4876	0.4651	*****	*****	*****	*****	*****	*****
-0.400	*****	0.5512	0.4937	0.4278	0.2263	-0.5902	*****	*****	*****	*****
-0.600	*****	0.5534	0.4946	0.4225	0.2554	-0.5668	*****	*****	*****	*****
-0.700	*****	*****	0.4900	0.4202	0.2698	-0.5244	*****	*****	*****	*****
-0.800	*****	*****	*****	0.4080	0.2860	-0.4339	*****	*****	*****	*****
-0.850	*****	*****	0.4437	0.3919	0.2821	-0.4044	*****	*****	*****	*****
-0.900	0.4618	0.3783	0.3474	0.2669	-0.3593	*****	*****	*****	*****	*****
-0.950	0.3802	0.1254	0.1984	0.1702	-0.1118	*****	*****	*****	*****	*****
-0.975	*****	-0.0002	0.0064	0.0143	-0.0714	*****	*****	*****	*****	*****
-1.000	-1.3303	-1.3755	-1.3125	-1.0484	-0.3924	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 47, Point No. = 1015
 $C_N = 1.124$, $C_M = -0.1673$
 $\alpha = 22.7^\circ$, $M_\infty = 0.830$
 $R_{mac} = 59.5 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2375	*****
0.20	-1.3180	-1.3303
0.30	-1.3563	*****
0.40	-1.4098	-1.3755
0.50	-1.3428	*****
0.60	-1.3135	-1.3125
0.70	-0.9901	*****
0.80	-1.0811	-1.0484
0.90	-0.4612	*****
0.95	-0.3602	-0.3924

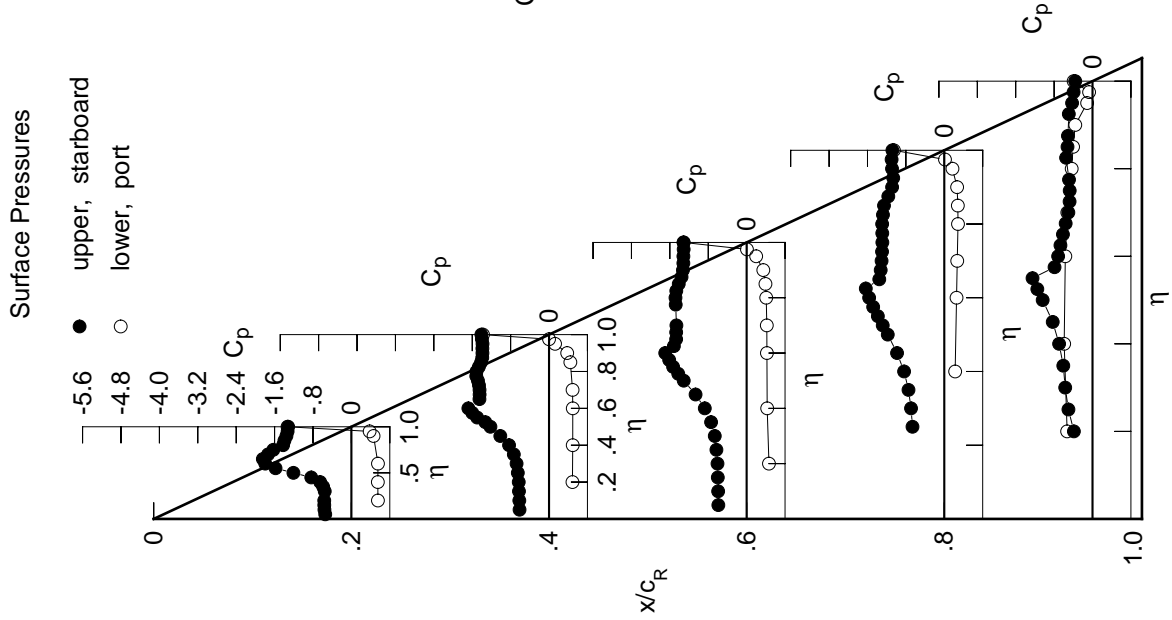


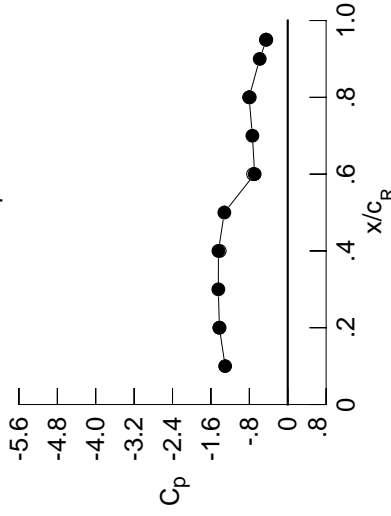
Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.6237	-0.6664	-0.0014	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6341	-0.6730	-0.0177	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6384	-0.6800	-0.0351	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6454	-0.6886	-0.0557	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.7230	-0.0997	-0.7699	-0.6371	*****	*****	*****	*****	-0.5924
0.300	-0.6595	-0.7711	-0.1649	-0.8057	-0.6951	*****	*****	*****	*****	*****
0.350	-0.7318	-0.8653	-0.2808	-0.8647	-0.7491	*****	*****	*****	*****	*****
0.400	-0.8741	-1.0102	-0.4641	-0.9010	-0.8066	*****	*****	*****	*****	*****
0.450	-1.1323	-1.2189	-0.6923	-0.9387	-0.8160	*****	*****	*****	*****	*****
0.500	-1.4445	-1.3970	-0.9969	-0.9549	-0.7802	*****	*****	*****	*****	*****
0.525	*****	-1.4769	-1.1385	-0.9528	-0.7916	*****	*****	*****	*****	*****
0.550	-1.6908	-1.6227	-1.2600	-0.9460	-0.7686	*****	*****	*****	*****	*****
0.575	*****	-1.6957	-1.3635	-0.9569	-0.7780	*****	*****	*****	*****	*****
0.600	-1.7414	-1.7544	-1.4209	-0.9689	-0.7665	*****	*****	*****	*****	*****
0.625	*****	*****	-1.2706	-0.9535	-0.7654	*****	*****	*****	*****	*****
0.650	-1.6301	-1.5432	-1.1286	-0.9267	-0.7620	*****	*****	*****	*****	*****
0.675	*****	-1.5356	-1.0828	-0.9175	-0.7468	*****	*****	*****	*****	*****
0.700	-1.6430	-1.5221	-1.0569	-0.9006	-0.7330	*****	*****	*****	*****	*****
0.725	*****	-1.5242	*****	-0.8932	-0.7208	*****	*****	*****	*****	*****
0.750	-1.7052	-1.5392	*****	-0.8660	-0.7010	*****	*****	*****	*****	*****
0.775	*****	-1.5690	-0.9118	-0.8643	-0.6820	*****	*****	*****	*****	*****
0.800	-1.6242	-1.5724	-0.8884	-0.8611	*****	*****	*****	*****	*****	*****
0.825	*****	-1.5262	-0.8995	-0.8644	-0.6443	*****	*****	*****	*****	*****
0.850	-1.4216	-1.4707	-0.8913	-0.8589	-0.6184	*****	*****	*****	*****	*****
0.875	*****	-1.4376	-0.8243	-0.8557	-0.5953	*****	*****	*****	*****	*****
0.900	-1.4159	-1.4289	-0.7406	-0.8489	*****	*****	*****	*****	*****	*****
0.925	*****	-1.4286	-0.6841	-0.8358	-0.5642	*****	*****	*****	*****	*****
0.950	-1.4244	-1.4269	-0.6664	-0.8286	-0.5128	*****	*****	*****	*****	*****
0.975	*****	-1.4322	-0.6584	-0.8201	-0.4817	*****	*****	*****	*****	*****
1.000	-1.4234	-1.4437	-0.6890	-0.8052	-0.4460	*****	*****	*****	*****	*****
-0.200	*****	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.6086	0.5359	0.5007	*****	-0.5331	*****	*****	*****	*****	*****
-0.600	0.6052	0.5419	0.4660	0.2494	-0.5940	*****	*****	*****	*****	*****
-0.700	0.6015	0.5392	0.4617	0.2776	-0.5682	*****	*****	*****	*****	*****
-0.800	*****	0.5323	0.4590	0.2917	-0.5275	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4469	0.3048	-0.4390	*****	*****	*****	*****	*****
-0.900	0.4818	0.3917	0.3811	0.2809	-0.3701	*****	*****	*****	*****	*****
-0.950	0.3894	0.1302	0.2316	0.1822	-0.1361	*****	*****	*****	*****	*****
-0.975	*****	-0.0195	0.0466	0.0298	-0.1096	*****	*****	*****	*****	*****
-1.000	-1.4231	-1.4164	-0.7218	-0.7911	-0.4554	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 47, Point No. = 1016
 $C_N = 1.106$, $C_M = -0.1634$
 $\alpha = 24.7^\circ$, $M_\infty = 0.830$
 $R_{mac} = 59.4 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.3038	*****
0.20	-1.4234	-1.4231
0.30	-1.4458	*****
0.40	-1.4437	-1.4164
0.50	-1.3208	*****
0.60	-0.6890	-0.7218
0.70	-0.7362	*****
0.80	-0.8052	-0.7911
0.90	-0.5841	*****
0.95	-0.4460	-0.4554

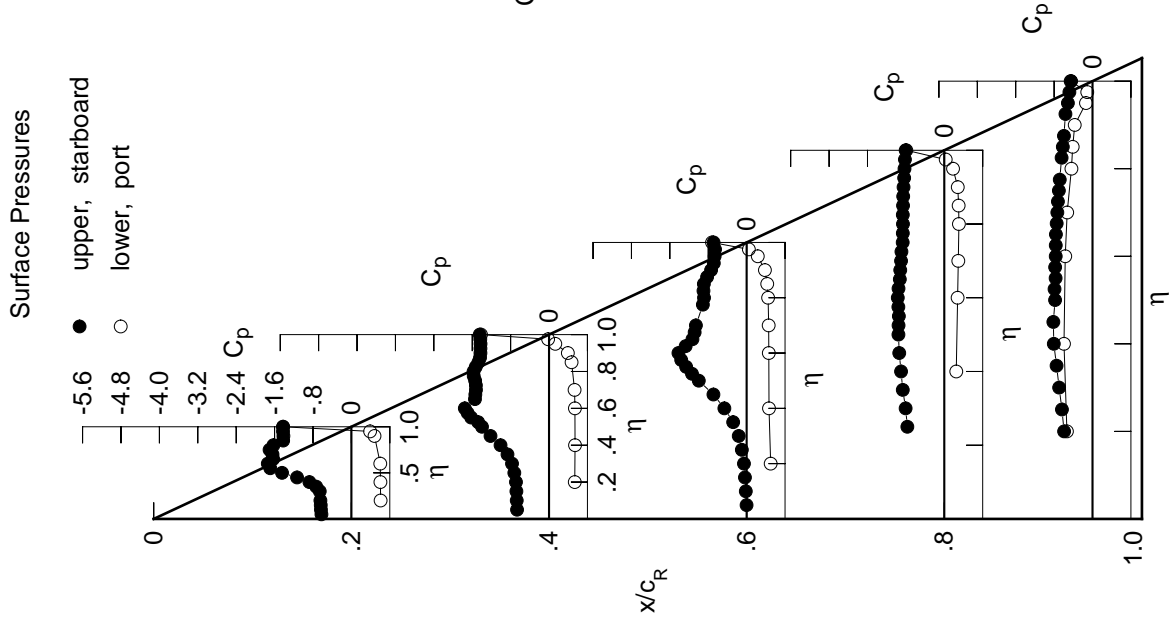


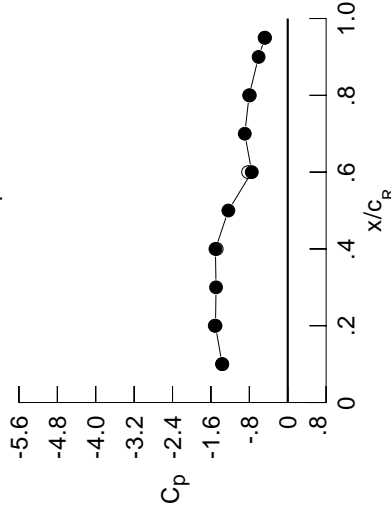
Table E4. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.7284	-0.7451	-0.0545	*****	*****	*****	*****	*****	*****	*****
0.100	-0.7247	-0.7542	-0.0667	*****	*****	*****	*****	*****	*****	*****
0.150	-0.7363	-0.7642	-0.0814	*****	*****	*****	*****	*****	*****	*****
0.200	-0.7517	-0.7838	-0.1013	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.8305	-0.1511	-1.0928	-0.8072	*****	*****	*****	*****	*****
0.300	-0.8107	-0.8996	-0.2281	-1.0629	-0.8555	*****	*****	*****	*****	*****
0.350	-0.9276	-1.0158	-0.3594	-1.0202	-0.8373	*****	*****	*****	*****	*****
0.400	-1.1092	-1.1765	-0.5561	-0.9543	-0.8071	*****	*****	*****	*****	*****
0.450	-1.3451	-1.3726	-0.7809	-0.9032	-0.7832	*****	*****	*****	*****	*****
0.500	-1.5778	-1.5182	-1.0505	-0.8844	-0.7676	*****	*****	*****	*****	*****
0.525	*****	-1.5791	-1.1674	-0.9000	-0.7900	*****	*****	*****	*****	*****
0.550	-1.7558	-1.7044	-1.2612	-0.9153	-0.7823	*****	*****	*****	*****	*****
0.575	*****	-1.7607	-1.3347	-0.9495	-0.8022	*****	*****	*****	*****	*****
0.600	-1.5987	-1.7858	-1.3462	-0.9775	-0.7944	*****	*****	*****	*****	*****
0.625	*****	*****	-1.1472	-0.9821	-0.7980	*****	*****	*****	*****	*****
0.650	-1.6052	-1.6024	-1.0242	-0.9796	-0.7942	*****	*****	*****	*****	*****
0.675	*****	-1.6023	-1.0034	-0.9868	-0.7805	*****	*****	*****	*****	*****
0.700	-1.6328	-1.5948	-0.9914	-0.9773	-0.7712	*****	*****	*****	*****	*****
0.725	*****	-1.5990	*****	-0.9711	-0.7636	*****	*****	*****	*****	*****
0.750	-1.7228	-1.6134	*****	-0.9449	-0.7460	*****	*****	*****	*****	*****
0.775	*****	-1.6463	-0.8224	-0.9401	-0.7286	*****	*****	*****	*****	*****
0.800	-1.6042	-1.6656	-0.7797	-0.9275	*****	*****	*****	*****	*****	*****
0.825	*****	-1.6229	-0.7592	-0.9316	-0.6858	*****	*****	*****	*****	*****
0.850	-1.4948	-1.5456	-0.7575	-0.9105	-0.6612	*****	*****	*****	*****	*****
0.875	*****	-1.4899	-0.7522	-0.8951	-0.6377	*****	*****	*****	*****	*****
0.900	-1.5189	-1.4770	-0.7400	-0.8800	*****	*****	*****	*****	*****	*****
0.925	*****	-1.4811	-0.7209	-0.8618	-0.6063	*****	*****	*****	*****	*****
0.950	-1.5133	-1.4851	-0.7190	-0.8451	-0.5557	*****	*****	*****	*****	*****
0.975	*****	-1.4863	-0.7235	-0.8269	-0.5171	*****	*****	*****	*****	*****
1.000	-1.5056	-1.5066	-0.7495	-0.8032	-0.4738	*****	*****	*****	*****	*****
-0.200	0.6623	0.5819	0.5377	*****	-0.5059	*****	*****	*****	*****	*****
-0.400	0.6575	0.5861	0.5026	0.2831	-0.5626	*****	*****	*****	*****	*****
-0.600	0.6473	0.5803	0.4967	0.3086	-0.5380	*****	*****	*****	*****	*****
-0.700	*****	0.5707	0.4916	0.3195	-0.4983	*****	*****	*****	*****	*****
-0.800	*****	*****	0.4724	0.3285	-0.4125	*****	*****	*****	*****	*****
-0.850	*****	0.4882	0.4467	0.3197	-0.3852	*****	*****	*****	*****	*****
-0.900	0.4976	0.3979	0.3874	0.2912	-0.3440	*****	*****	*****	*****	*****
-0.950	0.3935	0.0867	0.2170	0.1709	-0.1319	*****	*****	*****	*****	*****
-0.975	*****	-0.0449	0.0150	0.0011	-0.1259	*****	*****	*****	*****	*****
-1.000	-1.5198	-1.4795	-0.8259	-0.7908	-0.4825	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 47, Point No. = 1017
 $C_N = 1.202$, $C_m = -0.1799$
 $\alpha = 26.8^\circ$, $M_\infty = 0.831$
 $R_{mac} = 59.4 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.3658	*****
0.20	-1.5056	-1.5198
0.30	-1.4935	*****
0.40	-1.5066	-1.4795
0.50	-1.2365	*****
0.60	-0.7495	-0.8259
0.70	-0.8948	*****
0.80	-0.8032	-0.7908
0.90	-0.6075	*****
0.95	-0.4738	-0.4825

Surface Pressures

● upper, starboard
 ○ lower, port

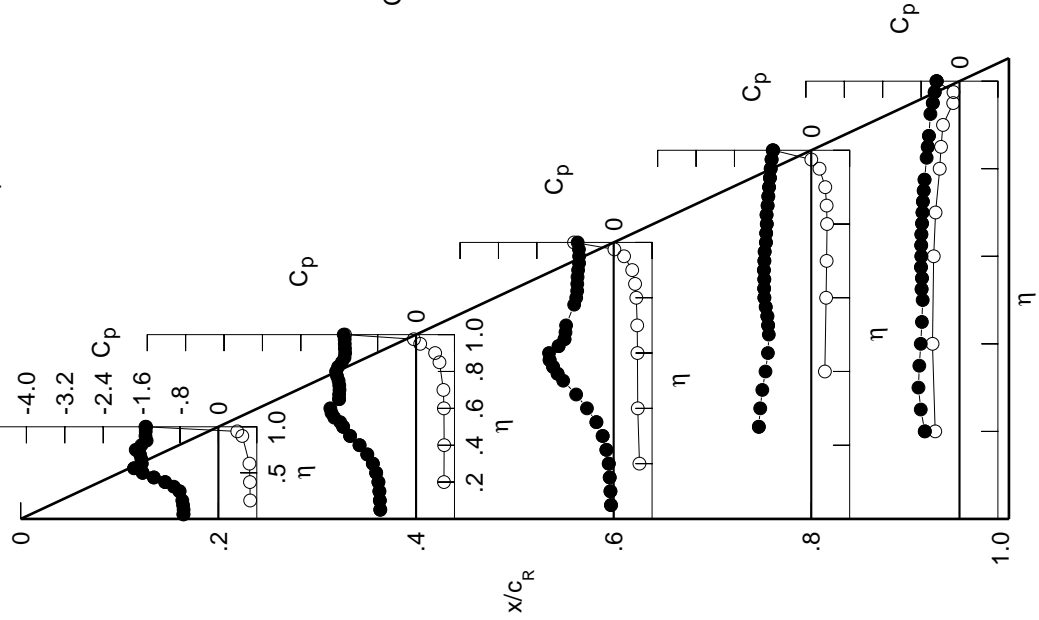
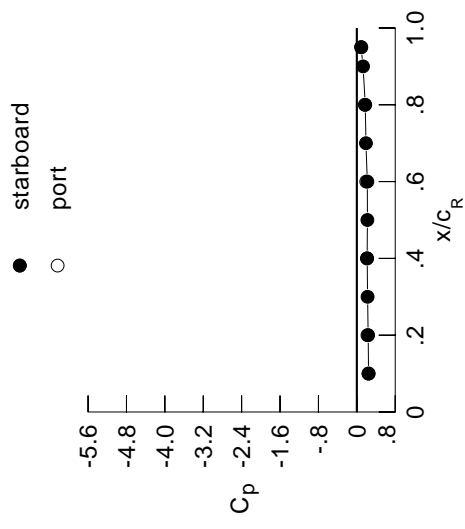


Table E4. Concluded.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0056	0.0068	0.1299	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0031	0.0067	0.1202	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0059	0.0061	0.1072	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0087	0.0110	0.0948	*****	*****	-0.3123	*****	*****	*****	*****
0.250	*****	0.0041	0.0817	-0.1240	-0.3917	*****	*****	*****	*****	*****
0.300	-0.0097	0.0066	0.0718	-0.1109	-0.4712	*****	*****	*****	*****	*****
0.350	-0.0222	0.0031	0.0611	-0.1007	-0.4918	*****	*****	*****	*****	*****
0.400	-0.0277	0.0029	0.0540	-0.0878	-0.5093	*****	*****	*****	*****	*****
0.450	-0.0367	-0.0030	0.0623	-0.0818	-0.4979	*****	*****	*****	*****	*****
0.500	-0.0399	-0.0012	0.0358	-0.0759	-0.4785	*****	*****	*****	*****	*****
0.525	*****	-0.0055	0.0351	-0.0756	-0.4989	*****	*****	*****	*****	*****
0.550	-0.0469	-0.0127	0.0309	-0.0721	-0.4938	*****	*****	*****	*****	*****
0.575	*****	-0.0138	0.0360	-0.0707	-0.5160	*****	*****	*****	*****	*****
0.600	-0.0476	-0.0165	0.0208	-0.0718	-0.5268	*****	*****	*****	*****	*****
0.625	*****	*****	0.0235	-0.0681	-0.5541	*****	*****	*****	*****	*****
0.650	-0.0473	-0.0217	0.0157	-0.0663	-0.5988	*****	*****	*****	*****	*****
0.675	*****	-0.0283	0.0087	-0.0698	-0.6208	*****	*****	*****	*****	*****
0.700	-0.0401	-0.0367	0.0067	-0.0674	-0.6576	*****	*****	*****	*****	*****
0.725	*****	-0.0429	*****	-0.0684	-0.6927	*****	*****	*****	*****	*****
0.750	-0.0284	-0.0516	*****	-0.0683	-0.7121	*****	*****	*****	*****	*****
0.775	*****	-0.0569	-0.0160	-0.0752	-0.7076	*****	*****	*****	*****	*****
0.800	-0.0054	-0.0593	-0.0265	-0.0832	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0577	-0.0398	-0.0835	-0.6666	*****	*****	*****	*****	*****
0.850	0.0236	-0.0519	-0.0491	-0.0959	-0.6608	*****	*****	*****	*****	*****
0.875	*****	-0.0391	-0.0526	-0.1102	-0.7711	*****	*****	*****	*****	*****
0.900	0.0671	-0.0161	-0.0473	-0.1139	*****	*****	*****	*****	*****	*****
0.925	*****	0.0144	-0.0294	-0.1041	-0.9679	*****	*****	*****	*****	*****
0.950	0.1056	0.0435	0.0053	-0.0730	-0.3483	*****	*****	*****	*****	*****
0.975	*****	0.0914	0.0758	-0.0083	-0.1807	*****	*****	*****	*****	*****
1.000	0.2350	0.2142	0.2187	0.1753	0.0877	*****	*****	*****	*****	*****
-0.200	-0.0185	0.0031	0.0950	*****	-0.4540	*****	*****	*****	*****	*****
-0.400	-0.0483	0.0008	0.0419	-0.1018	-0.4861	*****	*****	*****	*****	*****
-0.600	-0.0723	-0.0195	0.0163	-0.0791	-0.5407	*****	*****	*****	*****	*****
-0.700	*****	-0.0536	-0.0094	-0.0787	-0.6356	*****	*****	*****	*****	*****
-0.800	*****	*****	-0.0538	-0.0930	-0.6855	*****	*****	*****	*****	*****
-0.850	*****	-0.0781	-0.0771	-0.1249	-0.7205	*****	*****	*****	*****	*****
-0.900	-0.0059	-0.0481	-0.0826	-0.1503	-0.6673	*****	*****	*****	*****	*****
-0.950	0.0331	0.0215	-0.0272	-0.1116	-0.3777	*****	*****	*****	*****	*****
-0.975	*****	0.0667	0.0303	-0.0439	-0.2199	*****	*****	*****	*****	*****
-1.000	0.2208	0.2097	0.1950	0.1665	0.0922	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 47, Point No. = 1018
 $C_N = -0.011$, $C_m = 0.0003$
 $\alpha = -0.3^\circ$, $M_\infty = 0.831$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2435	*****
0.20	0.2350	0.2208
0.30	0.2232	*****
0.40	0.2142	0.2097
0.50	0.2194	*****
0.60	0.2187	0.1950
0.70	0.1886	*****
0.80	0.1753	0.1665
0.90	0.1286	*****
0.95	0.0877	0.0922

Surface Pressures

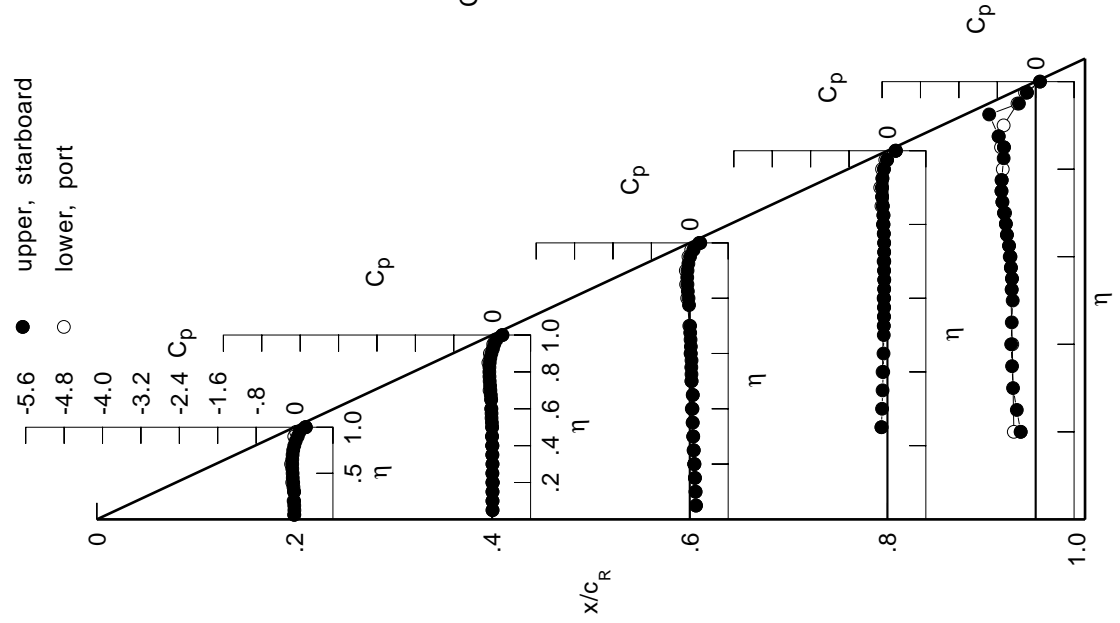
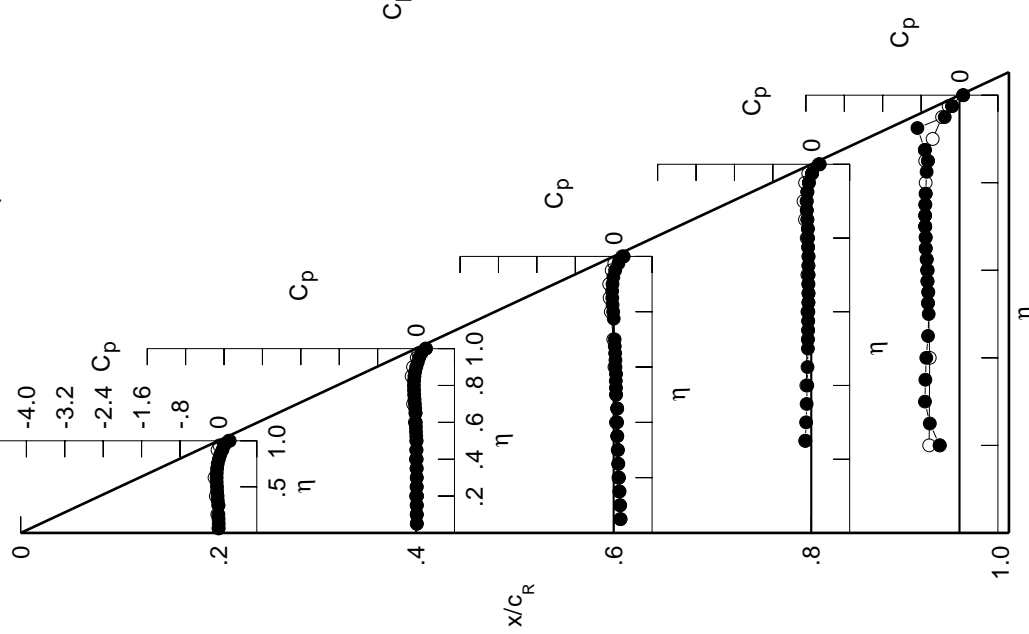


Table E5. Tabulations and Plots of Surface Pressure Coefficients.

η	x/c_R .2		x/c_R .4		x/c_R .6		x/c_R .8		x/c_R .95	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	0.0043	0.0159	0.1427	*****	*****	*****	*****	*****	*****	*****
0.100	0.0069	0.0154	0.1342	*****	*****	*****	*****	*****	*****	*****
0.150	0.0039	0.0153	0.1207	*****	*****	*****	*****	*****	*****	*****
0.200	0.0009	0.0194	0.1091	*****	*****	*****	*****	*****	*****	*****
0.250	*****	0.0136	0.0957	-0.1237	-0.6195	*****	*****	*****	*****	*****
0.300	-0.0004	0.0147	0.0869	-0.1081	-0.7200	*****	*****	*****	*****	*****
0.350	-0.0131	0.0122	0.0751	-0.0971	-0.7113	*****	*****	*****	*****	*****
0.400	-0.0172	0.0113	0.0686	-0.0841	-0.6924	*****	*****	*****	*****	*****
0.450	-0.0262	0.0068	0.0740	-0.0783	-0.6563	*****	*****	*****	*****	*****
0.500	-0.0289	0.0086	0.0506	-0.0703	-0.6414	*****	*****	*****	*****	*****
0.525	*****	0.0045	0.0476	-0.0702	-0.6569	*****	*****	*****	*****	*****
0.550	-0.0352	-0.0020	0.0458	-0.0656	-0.6524	*****	*****	*****	*****	*****
0.575	*****	-0.0031	0.0497	-0.0641	-0.6679	*****	*****	*****	*****	*****
0.600	-0.0358	-0.0059	0.0366	-0.0635	-0.6732	*****	*****	*****	*****	*****
0.625	*****	*****	0.0374	-0.0594	-0.6836	*****	*****	*****	*****	*****
0.650	-0.0346	-0.0111	0.0312	-0.0583	-0.7040	*****	*****	*****	*****	*****
0.675	*****	-0.0174	0.0236	-0.0610	-0.7056	*****	*****	*****	*****	*****
0.700	-0.0266	-0.0236	0.0211	-0.0587	-0.7162	*****	*****	*****	*****	*****
0.725	*****	-0.0304	*****	-0.0596	-0.7159	*****	*****	*****	*****	*****
0.750	-0.0141	-0.0384	*****	-0.0577	-0.7124	*****	*****	*****	*****	*****
0.775	*****	-0.0417	0.0012	-0.0656	-0.7051	*****	*****	*****	*****	*****
0.800	0.0100	-0.0442	-0.0097	-0.0698	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0414	-0.0222	-0.0707	-0.6859	*****	*****	*****	*****	*****
0.850	0.0397	-0.0338	-0.0292	-0.0816	-0.6580	*****	*****	*****	*****	*****
0.875	*****	-0.0193	-0.0305	-0.0941	-0.7213	*****	*****	*****	*****	*****
0.900	0.0834	0.0038	-0.0241	-0.0953	*****	*****	*****	*****	*****	*****
0.925	*****	0.0344	-0.0061	-0.0828	-0.8767	*****	*****	*****	*****	*****
0.950	0.1218	0.0647	0.0323	-0.0504	-0.3081	*****	*****	*****	*****	*****
0.975	*****	0.1116	0.1010	0.0155	-0.1548	*****	*****	*****	*****	*****
1.000	0.2359	0.2087	0.2057	0.1739	0.0755	*****	*****	*****	*****	*****
-0.200	-0.0225	0.0003	0.1015	*****	-0.6320	*****	*****	*****	*****	*****
-0.400	-0.0534	-0.0027	0.0478	-0.1034	-0.6207	*****	*****	*****	*****	*****
-0.600	-0.0799	-0.0240	0.0166	-0.0802	-0.6633	*****	*****	*****	*****	*****
-0.700	*****	-0.0617	-0.0076	-0.0809	-0.7128	*****	*****	*****	*****	*****
-0.800	*****	*****	-0.0573	-0.0960	-0.7046	*****	*****	*****	*****	*****
-0.850	*****	-0.0917	-0.0839	-0.1310	-0.7146	*****	*****	*****	*****	*****
-0.900	-0.0173	-0.0631	-0.0929	-0.1615	-0.5594	*****	*****	*****	*****	*****
-0.950	0.0213	0.0158	-0.0405	-0.1277	-0.3634	*****	*****	*****	*****	*****
-0.975	*****	0.0486	0.0140	-0.0625	-0.2256	*****	*****	*****	*****	*****
-1.000	0.2154	0.1990	0.1748	0.1532	0.0774	*****	*****	*****	*****	*****

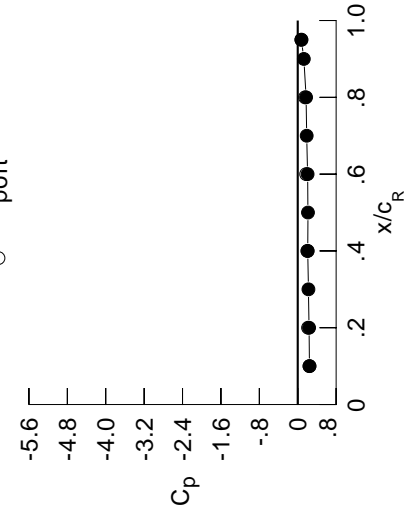
Small Radius L.E.
 Run No. = 48, Point No. = 1019
 $C_N = -0.024$, $C_m = 0.0022$
 $\alpha = -0.7^\circ$, $M_\infty = 0.870$
 $R_{mac} = 59.5 \times 10^6$

Surface Pressures
 ● upper, starboard
 ○ lower, port



Leading Edge Pressures

● starboard
 ○ port



starb'd port
 x/c_R C_p
 0.10 0.2449 *****
 0.20 0.2359 0.2154
 0.30 0.2231 *****
 0.40 0.2087 0.1990
 0.50 0.2132 *****
 0.60 0.2057 0.1748
 0.70 0.1870 *****
 0.80 0.1739 0.1532
 0.90 0.1276 *****
 0.95 0.0755 0.0774

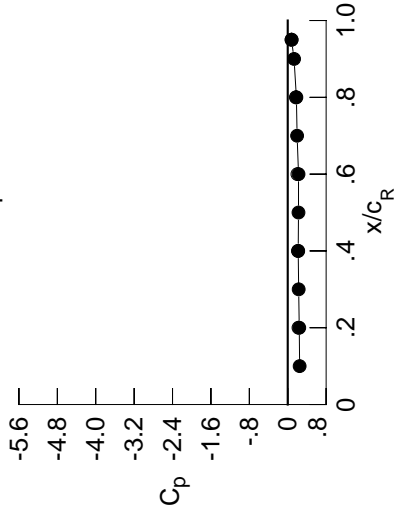
Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0041	0.0110	0.1400	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0012	0.0090	0.1306	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0019	0.0096	0.1168	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0066	0.0132	0.1057	*****	*****	*****	*****	*****	*****	*****
0.250	*****	0.0072	0.0916	-0.1286	-0.6440	*****	*****	*****	*****	*****
0.300	-0.0069	0.0094	0.0825	-0.1127	-0.7347	*****	*****	*****	*****	*****
0.350	-0.0197	0.0058	0.0714	-0.1017	-0.7302	*****	*****	*****	*****	*****
0.400	-0.0247	0.0055	0.0632	-0.0892	-0.7307	*****	*****	*****	*****	*****
0.450	-0.0338	-0.0006	0.0714	-0.0825	-0.7153	*****	*****	*****	*****	*****
0.500	-0.0379	0.0023	0.0444	-0.0756	-0.7153	*****	*****	*****	*****	*****
0.525	*****	-0.0029	0.0438	-0.0747	-0.7244	*****	*****	*****	*****	*****
0.550	-0.0445	-0.0089	0.0385	-0.0715	-0.7235	*****	*****	*****	*****	*****
0.575	*****	-0.0118	0.0456	-0.0688	-0.7339	*****	*****	*****	*****	*****
0.600	-0.0452	-0.0133	0.0299	-0.0706	-0.7330	*****	*****	*****	*****	*****
0.625	*****	*****	0.0321	-0.0654	-0.7317	*****	*****	*****	*****	*****
0.650	-0.0448	-0.0188	0.0244	-0.0643	-0.7305	*****	*****	*****	*****	*****
0.675	*****	-0.0274	0.0178	-0.0679	-0.7208	*****	*****	*****	*****	*****
0.700	-0.0370	-0.0338	0.0137	-0.0661	-0.7266	*****	*****	*****	*****	*****
0.725	*****	-0.0414	*****	-0.0662	-0.7213	*****	*****	*****	*****	*****
0.750	-0.0248	-0.0499	*****	-0.0649	-0.7173	*****	*****	*****	*****	*****
0.775	*****	-0.0538	-0.0095	-0.0727	-0.7092	*****	*****	*****	*****	*****
0.800	-0.0024	-0.0572	-0.0198	-0.0798	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0555	-0.0328	-0.0805	-0.6918	*****	*****	*****	*****	*****
0.850	0.0271	-0.0481	-0.0421	-0.0927	-0.6652	*****	*****	*****	*****	*****
0.875	*****	-0.0343	-0.0448	-0.1080	-0.7286	*****	*****	*****	*****	*****
0.900	0.0711	-0.0138	-0.0407	-0.1111	*****	*****	*****	*****	*****	*****
0.925	*****	0.0184	-0.0217	-0.1006	-0.8761	*****	*****	*****	*****	*****
0.950	0.1093	0.0480	0.0130	-0.0698	-0.3188	*****	*****	*****	*****	*****
0.975	*****	0.0958	0.0834	-0.0053	-0.1702	*****	*****	*****	*****	*****
1.000	0.2399	0.2182	0.2248	0.1803	0.0785	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	-0.0170	0.0051	0.1067	*****	-0.6516	*****	*****	*****	*****	*****
-0.600	-0.0464	0.0021	0.0525	-0.0991	-0.7047	*****	*****	*****	*****	*****
-0.700	-0.0711	-0.0171	0.0224	-0.0761	-0.7420	*****	*****	*****	*****	*****
-0.800	*****	-0.0520	-0.0009	-0.0747	-0.7351	*****	*****	*****	*****	*****
-0.850	*****	*****	-0.0467	-0.0884	-0.7035	*****	*****	*****	*****	*****
-0.900	*****	-0.0772	-0.0703	-0.1201	-0.7136	*****	*****	*****	*****	*****
-0.950	-0.0042	-0.0466	-0.0763	-0.1465	-0.5994	*****	*****	*****	*****	*****
-0.975	0.0351	0.0240	-0.0209	-0.1070	-0.3508	*****	*****	*****	*****	*****
-1.000	0.2238	0.0693	0.0367	-0.0391	-0.2087	*****	*****	*****	*****	*****
	0.2238	0.2137	0.2015	0.1693	0.0819	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 48, Point No. = 1020
 $C_N = -0.010$, $C_m = -0.0010$
 $\alpha = -0.3^\circ$, $M_\infty = 0.870$
 $R_{mac} = 59.5 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2480	*****
0.20	0.2399	0.2238
0.30	0.2278	*****
0.40	0.2182	0.2137
0.50	0.2244	*****
0.60	0.2248	0.2015
0.70	0.1953	*****
0.80	0.1803	0.1693
0.90	0.1316	*****
0.95	0.0785	0.0819

Surface Pressures

● upper, starboard
 ○ lower, port

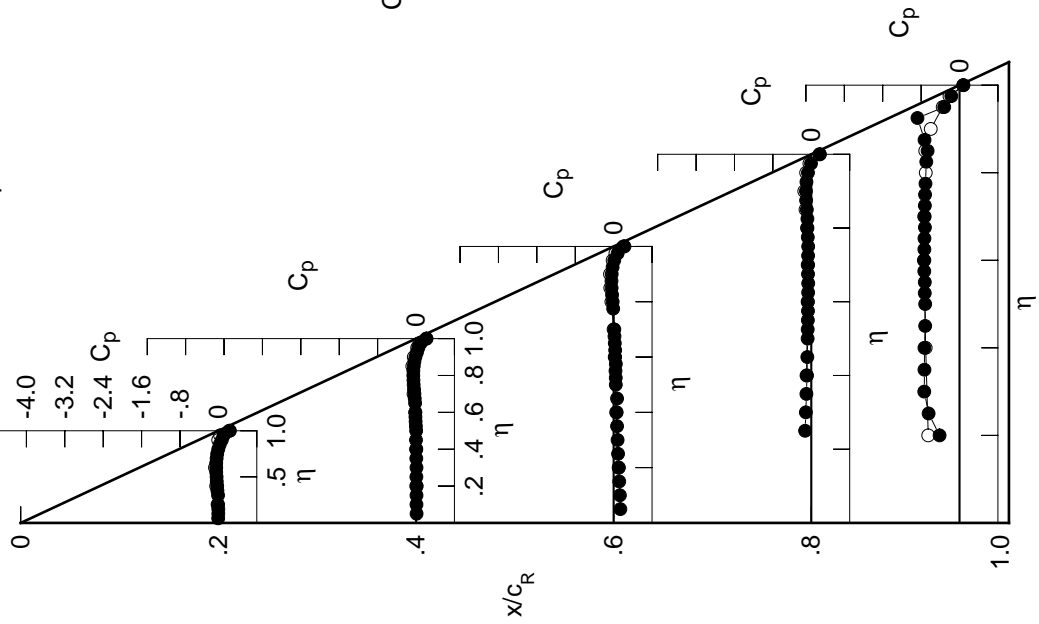


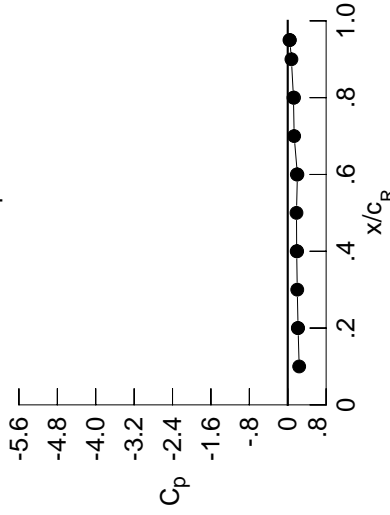
Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0232	-0.0074	0.1263	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0204	-0.0084	0.1166	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0232	-0.0085	0.1047	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0263	-0.0038	0.0911	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0117	0.0792	-0.1410	-0.5971	*****	*****	*****	*****	*****
0.300	-0.0266	-0.0086	0.0669	-0.1277	-0.7226	*****	*****	*****	*****	*****
0.350	-0.0408	-0.0147	0.0576	-0.1149	-0.7234	*****	*****	*****	*****	*****
0.400	-0.0477	-0.0142	0.0468	-0.1030	-0.7135	*****	*****	*****	*****	*****
0.450	-0.0583	-0.0211	0.0557	-0.0962	-0.6848	*****	*****	*****	*****	*****
0.500	-0.0638	-0.0187	0.0283	-0.0911	-0.6804	*****	*****	*****	*****	*****
0.525	*****	-0.0247	0.0259	-0.0898	-0.6958	*****	*****	*****	*****	*****
0.550	-0.0726	-0.0322	0.0215	-0.0868	-0.6949	*****	*****	*****	*****	*****
0.575	*****	-0.0350	0.0261	-0.0857	-0.7098	*****	*****	*****	*****	*****
0.600	-0.0751	-0.0384	0.0106	-0.0868	-0.7152	*****	*****	*****	*****	*****
0.625	*****	*****	0.0113	-0.0839	-0.7210	*****	*****	*****	*****	*****
0.650	-0.0770	-0.0454	0.0038	-0.0835	-0.7323	*****	*****	*****	*****	*****
0.675	*****	-0.0547	-0.0051	-0.0860	-0.7265	*****	*****	*****	*****	*****
0.700	-0.0717	-0.0647	-0.0087	-0.0871	-0.7361	*****	*****	*****	*****	*****
0.725	*****	-0.0737	*****	-0.0869	-0.7328	*****	*****	*****	*****	*****
0.750	-0.0618	-0.0847	*****	-0.0901	-0.7312	*****	*****	*****	*****	*****
0.775	*****	-0.0937	-0.0397	-0.0969	-0.7245	*****	*****	*****	*****	*****
0.800	-0.0403	-0.0992	-0.0538	-0.1080	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0997	-0.0700	-0.1109	-0.7039	*****	*****	*****	*****	*****
0.850	-0.0135	-0.0976	-0.0871	-0.1292	-0.6785	*****	*****	*****	*****	*****
0.875	*****	-0.0864	-0.0940	-0.1483	-0.6641	*****	*****	*****	*****	*****
0.900	0.0286	-0.0664	-0.0953	-0.1613	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0380	-0.0815	-0.1579	-0.8875	*****	*****	*****	*****	*****
0.950	0.0654	-0.0108	-0.0520	-0.1343	-0.3582	*****	*****	*****	*****	*****
0.975	*****	0.0342	0.0155	-0.0775	-0.2251	*****	*****	*****	*****	*****
1.000	0.2156	0.1865	0.2013	0.1194	0.0441	*****	*****	*****	*****	*****
-0.200	0.0037	0.0236	0.1202	*****	-0.6610	*****	*****	*****	*****	*****
-0.400	-0.0230	0.0209	0.0663	-0.0846	-0.6953	*****	*****	*****	*****	*****
-0.600	-0.0397	0.0065	0.0423	-0.0608	-0.7282	*****	*****	*****	*****	*****
-0.700	*****	-0.0216	0.0214	-0.0549	-0.7240	*****	*****	*****	*****	*****
-0.800	*****	*****	-0.0142	-0.0613	-0.6888	*****	*****	*****	*****	*****
-0.850	*****	-0.0309	-0.0293	-0.0863	-0.6945	*****	*****	*****	*****	*****
-0.900	0.0365	0.0048	-0.0242	-0.0975	-0.7452	*****	*****	*****	*****	*****
-0.950	-0.0764	0.0503	0.0395	-0.0452	-0.3152	*****	*****	*****	*****	*****
-0.975	*****	0.1237	0.0990	0.0256	-0.1585	*****	*****	*****	*****	*****
-1.000	0.2103	0.1957	0.1897	0.1309	0.0363	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 48, Point No. = 1021
 $C_N = 0.033$, $C_m = -0.0085$
 $\alpha = 0.7^\circ$, $M_\infty = 0.869$
 $R_{mac} = 59.5 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starboard C_p	port C_p
0.10	0.2384	*****
0.20	0.2156	0.2103
0.30	0.1984	*****
0.40	0.1865	0.1957
0.50	0.1824	*****
0.60	0.2013	0.1897
0.70	0.1339	*****
0.80	0.1194	0.1309
0.90	0.0764	*****
0.95	0.0441	0.0363

Surface Pressures

- upper, starboard
- lower, port

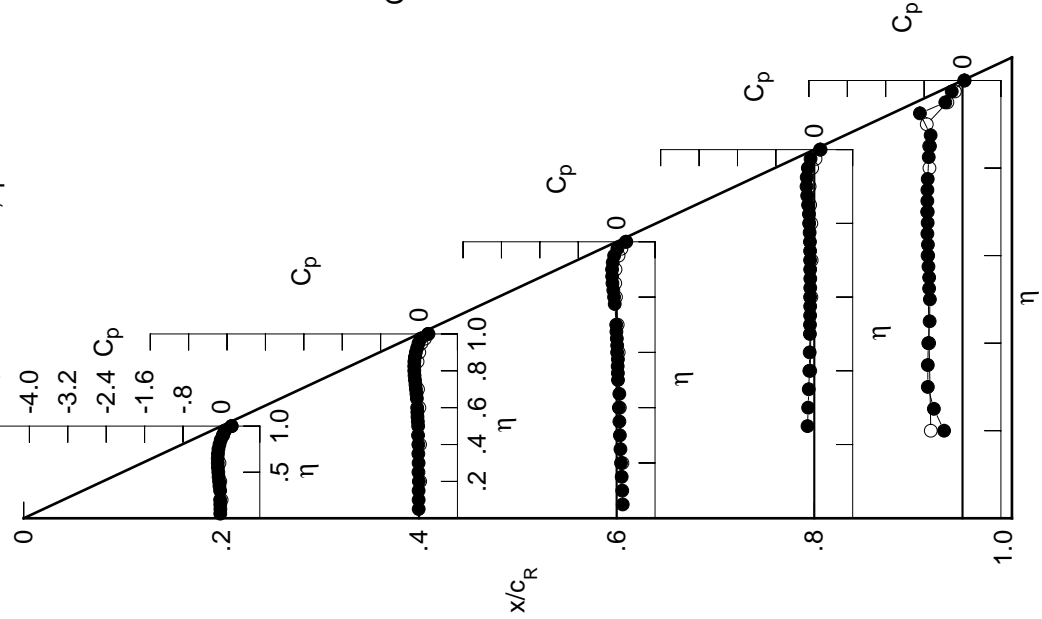


Table E5. Continued.

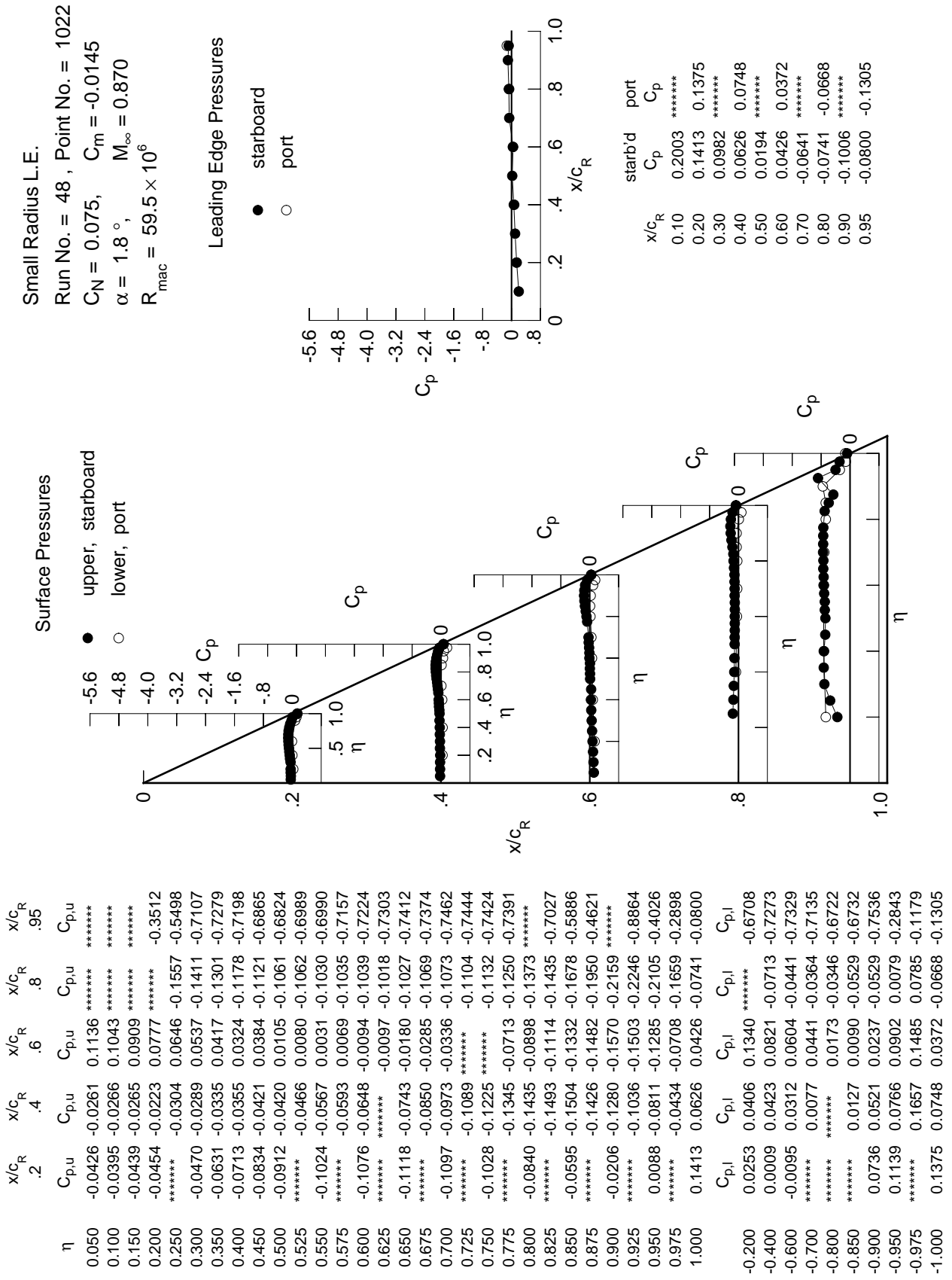


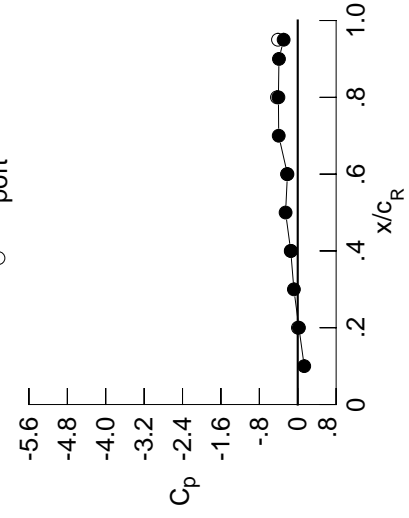
Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0608	-0.0422	0.1011	*****	*****	*****	*****	*****	*****	
0.100	-0.0586	-0.0437	0.0926	*****	*****	*****	*****	*****	*****	
0.150	-0.0633	-0.0438	0.0787	*****	*****	*****	*****	*****	*****	
0.200	-0.0651	-0.0403	0.0652	*****	*****	*****	*****	*****	*****	
0.250	*****	-0.0478	0.0522	-0.1669	-0.5159	-0.3440	*****	*****	*****	
0.300	-0.0660	-0.0465	0.0401	-0.1535	-0.6590	-0.5159	*****	*****	*****	
0.350	-0.0836	-0.0530	0.0286	-0.1421	-0.6964	-0.6964	*****	*****	*****	
0.400	-0.0919	-0.0539	0.0181	-0.1316	-0.6893	-0.6893	*****	*****	*****	
0.450	-0.1074	-0.0628	0.0237	-0.1250	-0.6562	-0.6562	*****	*****	*****	
0.500	-0.1171	-0.0629	-0.0055	-0.1207	-0.6476	-0.6476	*****	*****	*****	
0.525	*****	-0.0692	-0.0078	-0.1209	-0.6639	-0.6639	*****	*****	*****	
0.550	-0.1301	-0.0787	-0.0140	-0.1186	-0.6600	-0.6600	*****	*****	*****	
0.575	*****	-0.0827	-0.0105	-0.1185	-0.6703	-0.6703	*****	*****	*****	
0.600	-0.1378	-0.0890	-0.0276	-0.1208	-0.6742	-0.6742	*****	*****	*****	
0.625	*****	*****	-0.0296	-0.1196	-0.6894	-0.6894	*****	*****	*****	
0.650	-0.1451	-0.1012	-0.0388	-0.1211	-0.7177	-0.7177	*****	*****	*****	
0.675	*****	-0.1143	-0.0506	-0.1261	-0.7286	-0.7286	*****	*****	*****	
0.700	-0.1455	-0.1285	-0.0568	-0.1276	-0.7462	-0.7462	*****	*****	*****	
0.725	*****	-0.1427	*****	-0.1316	-0.7485	-0.7485	*****	*****	*****	
0.750	-0.1419	-0.1601	*****	-0.1371	-0.7525	-0.7525	*****	*****	*****	
0.775	*****	-0.1751	-0.1025	-0.1503	-0.7504	-0.7504	*****	*****	*****	
0.800	-0.1269	-0.1887	-0.1249	-0.1671	*****	*****	*****	*****	*****	
0.825	*****	-0.1978	-0.1516	-0.1745	-0.6411	-0.6411	*****	*****	*****	
0.850	-0.1057	-0.2036	-0.1797	-0.2058	-0.4492	-0.4492	*****	*****	*****	
0.875	*****	-0.2008	-0.2032	-0.2410	-0.3962	-0.3962	*****	*****	*****	
0.900	-0.0704	-0.1911	-0.2197	-0.2732	*****	*****	*****	*****	*****	
0.925	*****	-0.1719	-0.2229	-0.2926	-0.7852	-0.7852	*****	*****	*****	
0.950	-0.0464	-0.1558	-0.2112	-0.2921	-0.4524	-0.4524	*****	*****	*****	
0.975	*****	-0.1307	-0.1671	-0.2643	-0.3667	-0.3667	*****	*****	*****	
1.000	0.0251	-0.1457	-0.2144	-0.4027	-0.2934	-0.2934	*****	*****	*****	
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	
-0.400	0.0456	0.0594	0.1477	*****	-0.6693	-0.6693	*****	*****	*****	
-0.600	0.0229	0.0613	0.0967	-0.0571	-0.7155	-0.7155	*****	*****	*****	
-0.700	0.0192	0.0543	0.0794	-0.0283	-0.7237	-0.7237	*****	*****	*****	
-0.800	*****	0.0354	0.0656	-0.0183	-0.7024	-0.7024	*****	*****	*****	
-0.850	*****	*****	0.0456	-0.0103	-0.6559	-0.6559	*****	*****	*****	
-0.900	*****	0.0518	0.0423	-0.0240	-0.6527	-0.6527	*****	*****	*****	
-0.950	0.1073	0.0921	0.0645	-0.0148	-0.7144	-0.7144	*****	*****	*****	
-0.975	0.1462	0.0981	0.1302	0.0513	-0.2590	-0.2590	*****	*****	*****	
-1.000	*****	0.1943	0.1815	0.1159	-0.0869	-0.0869	*****	*****	*****	
	0.0042	-0.1409	-0.2233	-0.4325	-0.4110	-0.4110	*****	*****	*****	

Small Radius L.E.
 Run No. = 48, Point No. = 1023
 $C_N = 0.118$, $C_m = -0.0228$
 $\alpha = 2.9^\circ$, $M_\infty = 0.870$
 $R_{mac} = 59.4 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.1355	*****
0.20	0.0251	0.0042
0.30	-0.0802	*****
0.40	-0.1457	-0.1409
0.50	-0.2530	*****
0.60	-0.2144	-0.2233
0.70	-0.3962	*****
0.80	-0.4027	-0.4325
0.90	-0.3910	*****
0.95	-0.2934	-0.4110

Surface Pressures

● upper, starboard
 ○ lower, port

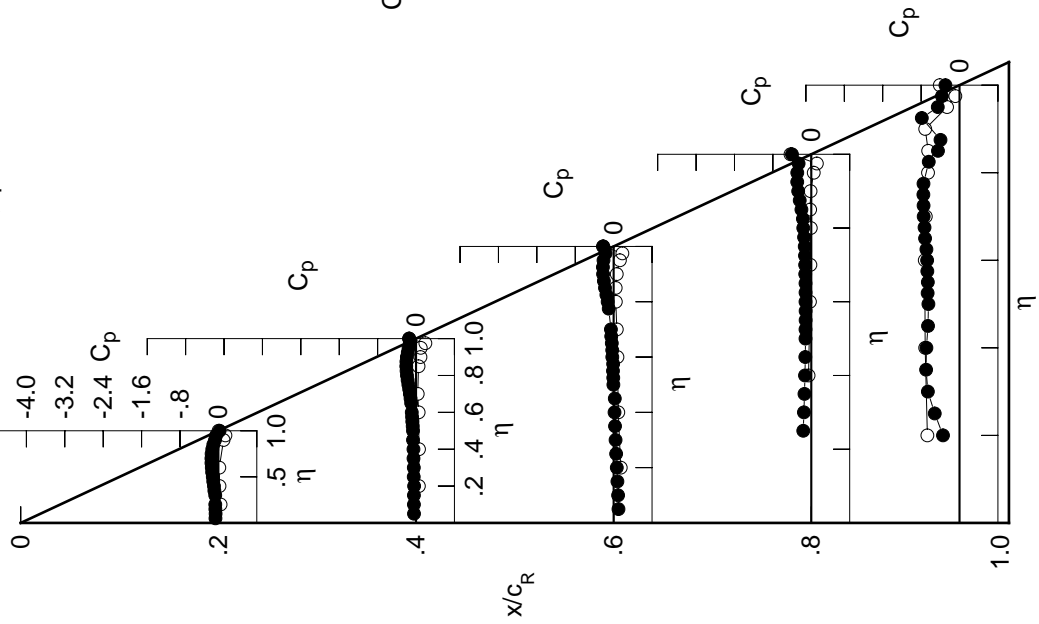


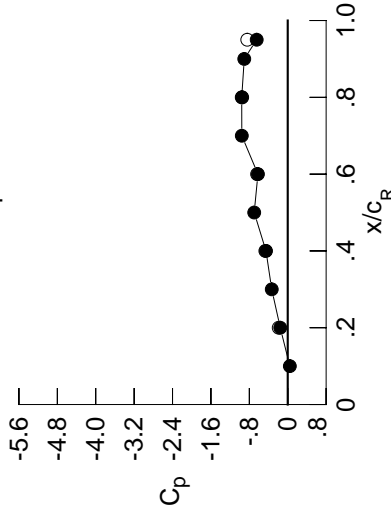
Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0800	-0.0581	0.0906	0.0906	0.0906	0.0906	0.0906	0.0906	0.0906	0.0906
0.100	-0.0772	-0.0617	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826
0.150	-0.0803	-0.0596	0.0674	0.0674	0.0674	0.0674	0.0674	0.0674	0.0674	0.0674
0.200	-0.0837	-0.0577	0.0545	0.0545	0.0545	0.0545	0.0545	0.0545	0.0545	0.0545
0.250	0.0000	-0.0647	0.0397	-0.1812	0.0397	-0.1812	0.0397	-0.1812	0.0397	-0.1812
0.300	-0.0847	-0.0648	0.0282	-0.1669	0.0282	-0.1669	0.0282	-0.1669	0.0282	-0.1669
0.350	-0.1038	-0.0710	0.0152	-0.1561	0.0152	-0.1561	0.0152	-0.1561	0.0152	-0.1561
0.400	-0.1151	-0.0726	0.0044	-0.1447	0.0044	-0.1447	0.0044	-0.1447	0.0044	-0.1447
0.450	-0.1313	-0.0829	0.0086	-0.1396	0.0086	-0.1396	0.0086	-0.1396	0.0086	-0.1396
0.500	-0.1428	-0.0840	-0.0215	-0.1356	-0.0215	-0.1356	-0.0215	-0.1356	-0.0215	-0.1356
0.525	0.0000	-0.0909	-0.0245	-0.1367	-0.0245	-0.1367	-0.0245	-0.1367	-0.0245	-0.1367
0.550	-0.1579	-0.1012	-0.0315	-0.1343	-0.0315	-0.1343	-0.0315	-0.1343	-0.0315	-0.1343
0.575	0.0000	-0.1075	-0.0281	-0.1348	-0.0281	-0.1348	-0.0281	-0.1348	-0.0281	-0.1348
0.600	-0.1686	-0.1139	-0.0476	-0.1387	-0.0476	-0.1387	-0.0476	-0.1387	-0.0476	-0.1387
0.625	0.0000	0.0000	-0.0475	-0.1371	-0.0475	-0.1371	-0.0475	-0.1371	-0.0475	-0.1371
0.650	-0.1791	-0.1288	-0.0600	-0.1391	-0.0600	-0.1391	-0.0600	-0.1391	-0.0600	-0.1391
0.675	0.0000	-0.1440	-0.0726	-0.1471	-0.0726	-0.1471	-0.0726	-0.1471	-0.0726	-0.1471
0.700	-0.1828	-0.1607	-0.0817	-0.1486	-0.0817	-0.1486	-0.0817	-0.1486	-0.0817	-0.1486
0.725	0.0000	-0.1778	0.0000	-0.1553	-0.1553	-0.1553	-0.1553	-0.1553	-0.1553	-0.1553
0.750	-0.1837	-0.1986	0.0000	-0.1618	-0.1618	-0.1618	-0.1618	-0.1618	-0.1618	-0.1618
0.775	0.0000	-0.2167	-0.1341	-0.1793	-0.1793	-0.1793	-0.1793	-0.1793	-0.1793	-0.1793
0.800	-0.1723	-0.2355	-0.1614	-0.1981	-0.1981	-0.1981	-0.1981	-0.1981	-0.1981	-0.1981
0.825	0.0000	-0.2498	-0.1930	-0.2094	-0.2094	-0.2094	-0.2094	-0.2094	-0.2094	-0.2094
0.850	-0.1547	-0.2596	-0.2294	-0.2455	-0.2455	-0.2455	-0.2455	-0.2455	-0.2455	-0.2455
0.875	0.0000	-0.2624	-0.2601	-0.2905	-0.2905	-0.2905	-0.2905	-0.2905	-0.2905	-0.2905
0.900	-0.1252	-0.2601	-0.2893	-0.3343	-0.3343	-0.3343	-0.3343	-0.3343	-0.3343	-0.3343
0.925	0.0000	-0.2480	-0.3011	-0.3689	-0.3689	-0.3689	-0.3689	-0.3689	-0.3689	-0.3689
0.950	-0.1109	-0.2416	-0.3034	-0.3839	-0.3839	-0.3839	-0.3839	-0.3839	-0.3839	-0.3839
0.975	0.0000	-0.2318	-0.2792	-0.3795	-0.3795	-0.3795	-0.3795	-0.3795	-0.3795	-0.3795
1.000	-0.1557	-0.4530	-0.6208	-0.9586	-0.9586	-0.9586	-0.9586	-0.9586	-0.9586	-0.9586
-0.200	0.0667	0.0785	0.1618	0.1618	0.1618	0.1618	0.1618	0.1618	0.1618	0.1618
-0.400	0.0487	0.0811	0.1136	0.1136	0.1136	0.1136	0.1136	0.1136	0.1136	0.1136
-0.600	0.0478	0.0780	0.0972	-0.0120	-0.0120	-0.0120	-0.0120	-0.0120	-0.0120	-0.0120
-0.700	0.0000	0.0631	0.0878	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
-0.800	0.0000	0.0000	0.0737	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131
-0.850	0.0000	0.0882	0.0757	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041
-0.900	0.1389	0.1283	0.1017	0.0208	0.0208	0.0208	0.0208	0.0208	0.0208	0.0208
-0.950	0.1754	0.1167	0.1638	0.0882	0.0882	0.0882	0.0882	0.0882	0.0882	0.0882
-0.975	0.0000	0.2121	0.2041	0.1423	0.1423	0.1423	0.1423	0.1423	0.1423	0.1423
-1.000	-0.1883	-0.4665	-0.6382	-0.9486	-0.9486	-0.9486	-0.9486	-0.9486	-0.9486	-0.9486

Small Radius L.E.
 Run No. = 48, Point No. = 1024
 $C_N = 0.159$, $C_m = -0.0292$
 $\alpha = 3.9^\circ$, $M_\infty = 0.870$
 $R_{mac} = 59.5 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.0439	0.0439
0.20	-0.1557	-0.1557
0.30	-0.3331	-0.3331
0.40	-0.4530	-0.4530
0.50	-0.6983	-0.6983
0.60	-0.6208	-0.6208
0.70	-0.9568	-0.9568
0.80	-0.9586	-0.9586
0.90	-0.9055	-0.9055
0.95	-0.6466	-0.6466

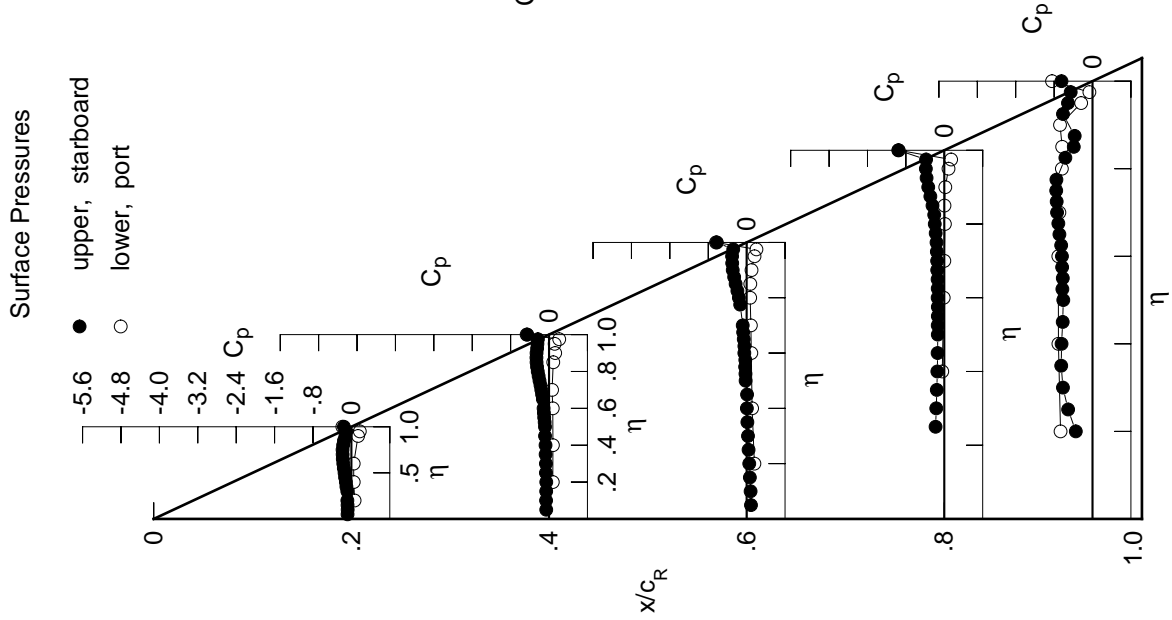


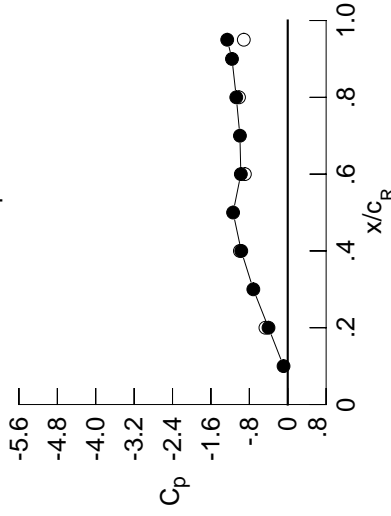
Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.0967	-0.0756	0.0788	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0955	-0.0790	0.0692	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0996	-0.0781	0.0548	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1029	-0.0744	0.0415	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0834	0.0269	-0.1939	-0.4546	*****	*****	*****	*****	*****
0.300	-0.1044	-0.0832	0.0143	-0.1802	-0.5534	*****	*****	*****	*****	*****
0.350	-0.1247	-0.0909	0.0014	-0.1684	-0.6085	*****	*****	*****	*****	*****
0.400	-0.1380	-0.0925	-0.0117	-0.1591	-0.6148	*****	*****	*****	*****	*****
0.450	-0.1556	-0.1037	-0.0067	-0.1539	-0.5741	*****	*****	*****	*****	*****
0.500	-0.1691	-0.1062	-0.0393	-0.1514	-0.6092	*****	*****	*****	*****	*****
0.525	*****	-0.1140	-0.0420	-0.1520	-0.6232	*****	*****	*****	*****	*****
0.550	-0.1874	-0.1258	-0.0505	-0.1506	-0.6401	*****	*****	*****	*****	*****
0.575	*****	-0.1325	-0.0484	-0.1510	-0.6680	*****	*****	*****	*****	*****
0.600	-0.2014	-0.1404	-0.0687	-0.1576	-0.6513	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0707	-0.1566	-0.6259	*****	*****	*****	*****	*****
0.650	-0.2151	-0.1582	-0.0848	-0.1609	-0.6604	*****	*****	*****	*****	*****
0.675	*****	-0.1759	-0.0984	-0.1705	-0.6667	*****	*****	*****	*****	*****
0.700	-0.2231	-0.1945	-0.1093	-0.1782	-0.6710	*****	*****	*****	*****	*****
0.725	*****	-0.2149	*****	-0.1860	-0.6869	*****	*****	*****	*****	*****
0.750	-0.2281	-0.2402	*****	-0.1942	-0.7152	*****	*****	*****	*****	*****
0.775	*****	-0.2628	-0.1715	-0.2123	-0.7249	*****	*****	*****	*****	*****
0.800	-0.2210	-0.2867	-0.2016	-0.2353	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3045	-0.2362	-0.2487	-0.5992	*****	*****	*****	*****	*****
0.850	-0.2093	-0.3222	-0.2789	-0.2863	-0.4708	*****	*****	*****	*****	*****
0.875	*****	-0.3334	-0.3176	-0.3314	-0.4179	*****	*****	*****	*****	*****
0.900	-0.1871	-0.3374	-0.3553	-0.3890	*****	*****	*****	*****	*****	*****
0.925	*****	-0.3334	-0.3839	-0.4353	-0.6766	*****	*****	*****	*****	*****
0.950	-0.1860	-0.3361	-0.4085	-0.4633	-0.5863	*****	*****	*****	*****	*****
0.975	*****	-0.3582	-0.4143	-0.4828	-0.5644	*****	*****	*****	*****	*****
1.000	-0.4006	-0.9683	-0.9766	-1.0717	-1.2605	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.0894	0.0989	0.1766	*****	*****	*****	*****	*****	*****
-0.400		0.0739	0.1026	0.1293	-0.0280	-0.6978	*****	*****	*****	*****
-0.600		0.0774	0.1021	0.1176	0.0037	-0.7027	*****	*****	*****	*****
-0.700	*****	0.0911	0.0911	0.1094	0.0189	-0.6794	*****	*****	*****	*****
-0.800	*****	*****	*****	0.1011	0.0349	-0.6243	*****	*****	*****	*****
-0.850	*****	0.1233	0.1068	0.0302	-0.6135	*****	*****	*****	*****	*****
-0.900		0.1687	0.1616	0.1348	0.0519	-0.6454	*****	*****	*****	*****
-0.950		0.2008	0.1304	0.1892	0.1157	-0.2226	*****	*****	*****	*****
-0.975	*****	0.2193	0.2148	0.1559	-0.0560	*****	*****	*****	*****	*****
-1.000		-0.4647	-0.9966	-0.8928	-1.0154	-0.9152	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 48, Point No. = 1025
 $C_N = 0.206$, $C_m = -0.0379$
 $\alpha = 5.0^\circ$, $M_\infty = 0.869$
 $R_{mac} = 59.5 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.0871	*****
0.20	-0.4006	-0.4647
0.30	-0.7170	*****
0.40	-0.9683	-0.9966
0.50	-1.1383	*****
0.60	-0.9766	-0.8928
0.70	-0.9964	*****
0.80	-1.0717	-1.0154
0.90	-1.1612	*****
0.95	-1.2605	-0.9152

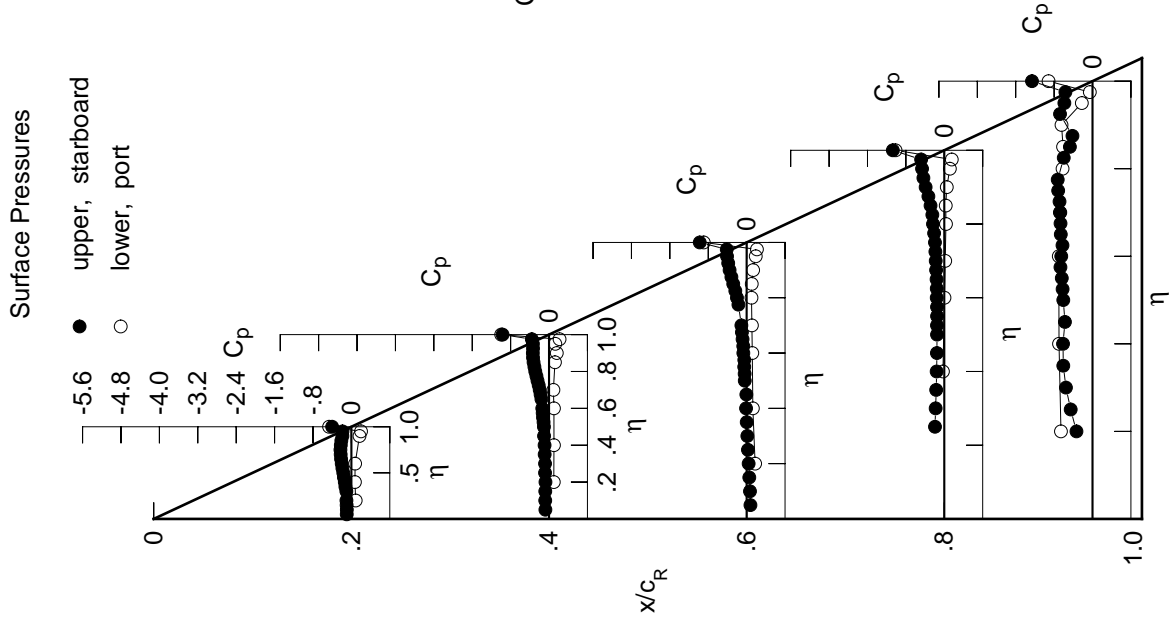
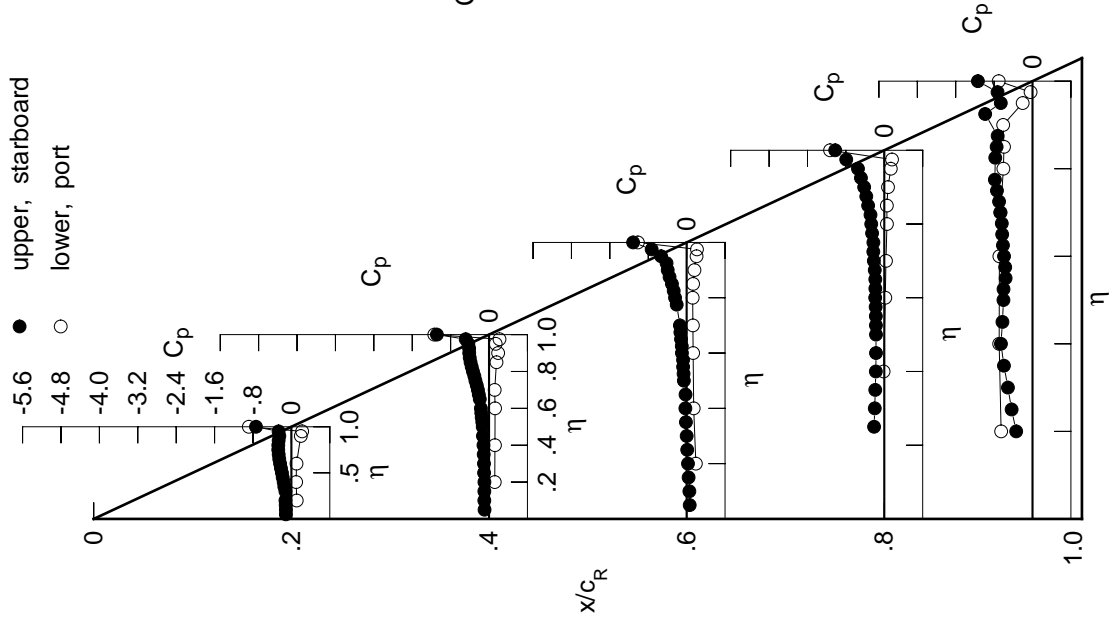


Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1155	-0.0939	0.0643	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1150	-0.0987	0.0564	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1193	-0.0972	0.0408	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1238	-0.0959	0.0281	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1028	0.0120	-0.2128	-0.4354	*****	*****	*****	*****	*****
0.300	-0.1243	-0.1052	0.0004	-0.1985	-0.5120	*****	*****	*****	*****	*****
0.350	-0.1471	-0.1114	-0.0152	-0.1884	-0.5952	*****	*****	*****	*****	*****
0.400	-0.1612	-0.1159	-0.0261	-0.1758	-0.6572	*****	*****	*****	*****	*****
0.450	-0.1808	-0.1271	-0.0234	-0.1728	-0.6261	*****	*****	*****	*****	*****
0.500	-0.1969	-0.1314	-0.0575	-0.1728	-0.6052	*****	*****	*****	*****	*****
0.525	*****	-0.1399	-0.0637	-0.1745	-0.6040	*****	*****	*****	*****	*****
0.550	-0.2177	-0.1529	-0.0732	-0.1761	-0.5606	*****	*****	*****	*****	*****
0.575	*****	-0.1615	-0.0744	-0.1804	-0.5684	*****	*****	*****	*****	*****
0.600	-0.2352	-0.1700	-0.0985	-0.1900	-0.5934	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1008	-0.1867	-0.6158	*****	*****	*****	*****	*****
0.650	-0.2527	-0.1932	-0.1172	-0.1875	-0.6320	*****	*****	*****	*****	*****
0.675	*****	-0.2133	-0.1307	-0.1986	-0.6396	*****	*****	*****	*****	*****
0.700	-0.2645	-0.2318	-0.1407	-0.2178	-0.6723	*****	*****	*****	*****	*****
0.725	*****	-0.2561	*****	-0.2288	-0.6968	*****	*****	*****	*****	*****
0.750	-0.2736	-0.2828	*****	-0.2274	-0.7405	*****	*****	*****	*****	*****
0.775	*****	-0.3060	-0.2071	-0.2544	-0.7840	*****	*****	*****	*****	*****
0.800	-0.2725	-0.3352	-0.2417	-0.2717	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3611	-0.2694	-0.2874	-0.7756	*****	*****	*****	*****	*****
0.850	-0.2659	-0.3849	-0.3062	-0.3365	-0.7470	*****	*****	*****	*****	*****
0.875	*****	-0.4022	-0.3556	-0.3754	-0.7264	*****	*****	*****	*****	*****
0.900	-0.2516	-0.4128	-0.3944	-0.4193	*****	*****	*****	*****	*****	*****
0.925	*****	-0.4144	-0.4182	-0.4861	-0.9861	*****	*****	*****	*****	*****
0.950	-0.2669	-0.4304	-0.5312	-0.5482	-0.6611	*****	*****	*****	*****	*****
0.975	*****	-0.4861	-0.7291	-0.7924	-0.7286	*****	*****	*****	*****	*****
1.000	-0.7378	-1.0862	-1.1154	-1.0228	-1.1379	*****	*****	*****	*****	*****
-0.200	0.1115	0.1191	0.1922	*****	-0.6539	*****	*****	*****	*****	*****
-0.400	0.0989	0.1233	0.1469	-0.0145	-0.6947	*****	*****	*****	*****	*****
-0.600	0.1062	0.1256	0.1352	0.0209	-0.6900	*****	*****	*****	*****	*****
-0.700	*****	0.1180	0.1303	0.0348	-0.6653	*****	*****	*****	*****	*****
-0.800	*****	*****	0.1258	0.0555	-0.6072	*****	*****	*****	*****	*****
-0.850	*****	0.1550	0.1342	0.0537	-0.5938	*****	*****	*****	*****	*****
-0.900	0.1960	0.1897	0.1627	0.0776	-0.6116	*****	*****	*****	*****	*****
-0.950	0.2237	0.1385	0.2064	0.1356	-0.2049	*****	*****	*****	*****	*****
-0.975	*****	0.2179	0.2149	0.1612	-0.0402	*****	*****	*****	*****	*****
-1.000	-0.8862	-1.1404	-1.0152	-1.1295	-0.7042	*****	*****	*****	*****	*****

Surface Pressures

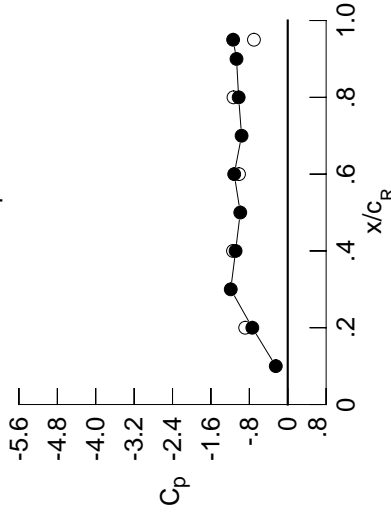
● upper, starboard
○ lower, port



Small Radius L.E.
Run No. = 48, Point No. = 1026
 $C_N = 0.257$, $C_m = -0.0489$
 $\alpha = 6.1^\circ$, $M_\infty = 0.870$
 $R_{mac} = 59.4 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.2484	*****
0.20	-0.7378	-0.8862
0.30	-1.1875	*****
0.40	-1.0862	-1.1404
0.50	-0.9887	*****
0.60	-1.1154	-1.0152
0.70	-0.9616	*****
0.80	-1.0228	-1.1295
0.90	-1.0671	*****
0.95	-1.1379	-0.7042

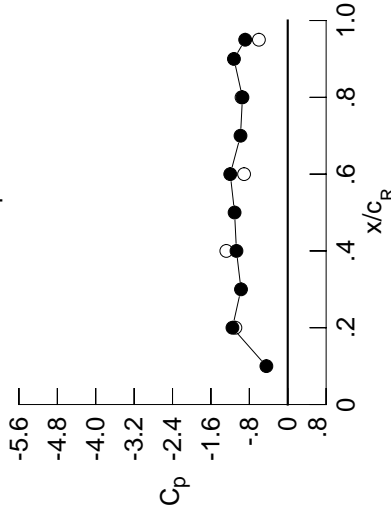
Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1327	-0.1128	0.0518	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1333	-0.1164	0.0427	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1387	-0.1165	0.0279	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1430	-0.1148	0.0131	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1234	-0.0019	-0.2333	-0.3940	*****	*****	*****	*****	*****
0.300	-0.1443	-0.1247	-0.0151	-0.2181	-0.5417	*****	*****	*****	*****	*****
0.350	-0.1676	-0.1326	-0.0285	-0.2074	-0.6486	*****	*****	*****	*****	*****
0.400	-0.1842	-0.1372	-0.0448	-0.1970	-0.7057	*****	*****	*****	*****	*****
0.450	-0.2053	-0.1507	-0.0459	-0.1972	-0.6730	*****	*****	*****	*****	*****
0.500	-0.2236	-0.1578	-0.0831	-0.2041	-0.6182	*****	*****	*****	*****	*****
0.525	*****	-0.1687	-0.0902	-0.2033	-0.6287	*****	*****	*****	*****	*****
0.550	-0.2470	-0.1852	-0.0998	-0.2034	-0.6084	*****	*****	*****	*****	*****
0.575	*****	-0.1920	-0.1027	-0.2112	-0.6207	*****	*****	*****	*****	*****
0.600	-0.2678	-0.2021	-0.1333	-0.2229	-0.6209	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1356	-0.2240	-0.6062	*****	*****	*****	*****	*****
0.650	-0.2890	-0.2235	-0.1520	-0.2217	-0.6067	*****	*****	*****	*****	*****
0.675	*****	-0.2436	-0.1625	-0.2298	-0.6337	*****	*****	*****	*****	*****
0.700	-0.3060	-0.2640	-0.1666	-0.2586	-0.7131	*****	*****	*****	*****	*****
0.725	*****	-0.2864	*****	-0.2780	-0.7360	*****	*****	*****	*****	*****
0.750	-0.3201	-0.3172	*****	-0.2605	-0.7310	*****	*****	*****	*****	*****
0.775	*****	-0.3422	-0.2438	-0.2658	-0.7788	*****	*****	*****	*****	*****
0.800	-0.3244	-0.3749	-0.2950	-0.3055	*****	*****	*****	*****	*****	*****
0.825	*****	-0.4028	-0.3108	-0.3354	-0.8478	*****	*****	*****	*****	*****
0.850	-0.3247	-0.4271	-0.3208	-0.3911	-0.8851	*****	*****	*****	*****	*****
0.875	*****	-0.4453	-0.3568	-0.4226	-0.8547	*****	*****	*****	*****	*****
0.900	-0.3189	-0.4545	-0.3874	-0.4451	*****	*****	*****	*****	*****	*****
0.925	*****	-0.5010	-0.5881	-0.6648	-0.9849	*****	*****	*****	*****	*****
0.950	-0.3555	-0.6465	-0.8534	-0.8682	-0.8112	*****	*****	*****	*****	*****
0.975	*****	-0.8488	-0.7950	-0.9371	-0.7885	*****	*****	*****	*****	*****
1.000	-1.1524	-1.0680	-1.1975	-0.9433	-0.8861	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1368	0.1395	0.2087	*****	*****	*****	*****	*****	*****	*****
-0.600	0.1247	0.1450	0.1624	0.0025	-0.6950	*****	*****	*****	*****	*****
-0.700	0.1349	0.1487	0.1544	0.0374	-0.6787	*****	*****	*****	*****	*****
-0.800	*****	0.1443	0.1510	0.0536	-0.6514	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1495	0.0748	-0.5910	*****	*****	*****	*****	*****
-0.900	0.2215	0.2138	0.1874	0.1028	-0.5790	*****	*****	*****	*****	*****
-0.950	0.2433	0.1434	0.2216	0.1544	-0.1877	*****	*****	*****	*****	*****
-0.975	*****	0.2102	0.2153	0.1677	-0.0295	*****	*****	*****	*****	*****
-1.000	-1.0905	-1.2789	-0.9096	-0.9623	-0.6008	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 48, Point No. = 1027
 $C_N = 0.311$, $C_m = -0.0612$
 $\alpha = 7.1^\circ$, $M_\infty = 0.871$
 $R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.4451	*****
0.20	-1.1524	-1.0905
0.30	-0.9739	*****
0.40	-1.0680	-1.2789
0.50	-1.1075	*****
0.60	-1.1975	-0.9096
0.70	-0.9840	*****
0.80	-0.9433	-0.9623
0.90	-1.1205	*****
0.95	-0.8861	-0.6008

Surface Pressures

● upper, starboard
 ○ lower, port

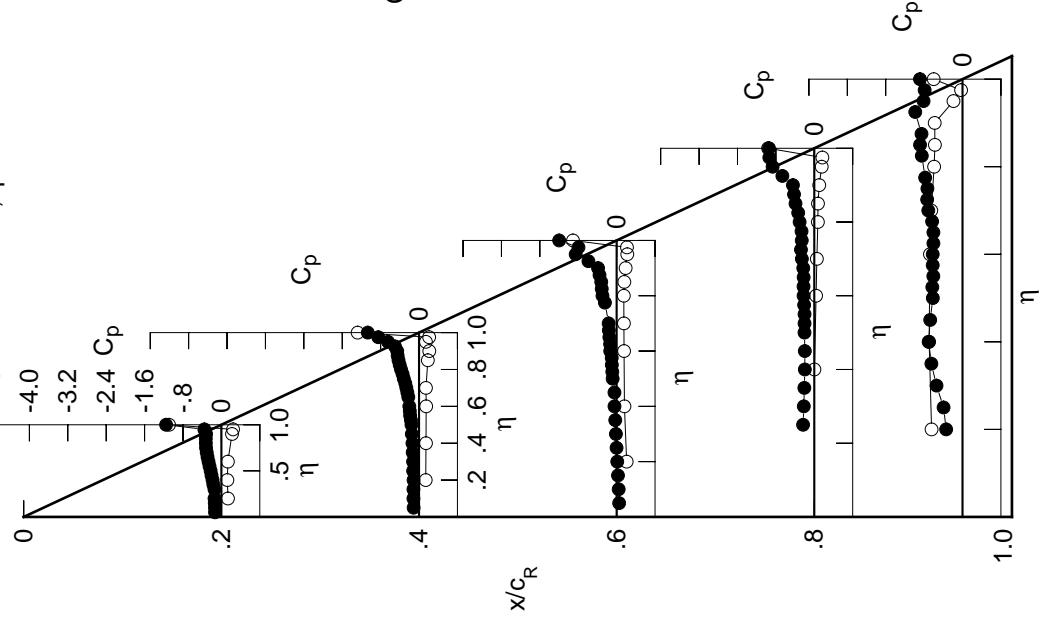


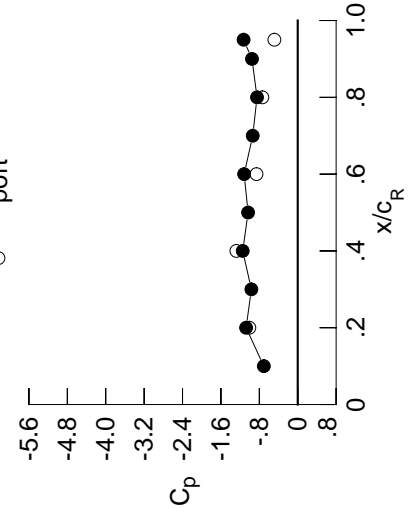
Table E5. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1511	-0.1334	0.0346	*****	*****
0.100	-0.1526	-0.1364	0.0240	*****	*****
0.150	-0.1584	-0.1383	0.0112	*****	*****
0.200	-0.1625	-0.1350	-0.0033	*****	-0.2278
0.250	*****	-0.1439	-0.0161	-0.2593	-0.3571
0.300	-0.1646	-0.1457	-0.0347	-0.2456	-0.5826
0.350	-0.1892	-0.1542	-0.0531	-0.2374	-0.7025
0.400	-0.2072	-0.1656	-0.0716	-0.2284	-0.7367
0.450	-0.2304	-0.1829	-0.0715	-0.2315	-0.6685
0.500	-0.2510	-0.1885	-0.1039	-0.2458	-0.5494
0.525	*****	-0.1964	-0.1134	-0.2406	-0.6082
0.550	-0.2775	-0.2114	-0.1231	-0.2322	-0.6533
0.575	*****	-0.2206	-0.1286	-0.2301	-0.6979
0.600	-0.3013	-0.2304	-0.1709	-0.2368	-0.7029
0.625	*****	*****	-0.1832	-0.2461	-0.6631
0.650	-0.3268	-0.2510	-0.1823	-0.2555	-0.6214
0.675	*****	-0.2692	-0.1823	-0.2753	-0.6303
0.700	-0.3468	-0.2924	-0.1815	-0.3178	-0.7266
0.725	*****	-0.3153	*****	-0.3670	-0.7903
0.750	-0.3636	-0.3425	*****	-0.3388	-0.7918
0.775	*****	-0.3672	-0.2626	-0.3121	-0.8001
0.800	-0.3782	-0.4073	-0.3234	-0.3020	*****
0.825	*****	-0.4504	-0.3614	-0.2977	-1.1409
0.850	-0.3834	-0.4576	-0.4332	-0.4942	-1.0423
0.875	*****	-0.5053	-0.6576	-0.7618	-0.7941
0.900	-0.3842	-0.6370	-0.8345	-0.8347	*****
0.925	*****	-0.7851	-0.8879	-0.8690	-1.0107
0.950	-0.4172	-0.7876	-0.8762	-0.8650	-1.0538
0.975	*****	-1.0212	-0.7669	-0.8412	-0.8790
1.000	-1.0757	-1.1463	-1.1166	-0.8480	-1.1283
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1629	0.1621	0.2257	*****	-0.6328
-0.400	0.1524	0.1694	0.1811	0.0185	-0.6906
-0.600	0.1656	0.1743	0.1737	0.0538	-0.6690
-0.700	*****	0.1729	0.1730	0.0718	-0.6417
-0.800	*****	*****	0.1747	0.0950	-0.5809
-0.850	*****	0.2101	0.1860	0.0990	-0.5635
-0.900	0.2454	0.2358	0.2122	0.1253	-0.5609
-0.950	0.2614	0.1483	0.2368	0.1702	-0.1839
-0.975	*****	0.2022	0.2164	0.1742	-0.0308
-1.000	-1.0080	-1.2788	-0.8592	-0.7367	-0.4862

Small Radius L.E.
 Run No. = 48, Point No. = 1028
 $C_N = 0.372$, $C_m = -0.0737$
 $\alpha = 8.1^\circ$, $M_\infty = 0.869$
 $R_{mac} = 59.5 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.7067	*****
0.20	-1.0757	-1.0080
0.30	-0.9655	*****
0.40	-1.1463	-1.2788
0.50	-1.0341	*****
0.60	-1.1166	-0.8592
0.70	-0.9376	*****
0.80	-0.8480	-0.7367
0.90	-0.9532	*****
0.95	-1.1283	-0.4862

Surface Pressures
 ● upper, starboard
 ○ lower, port

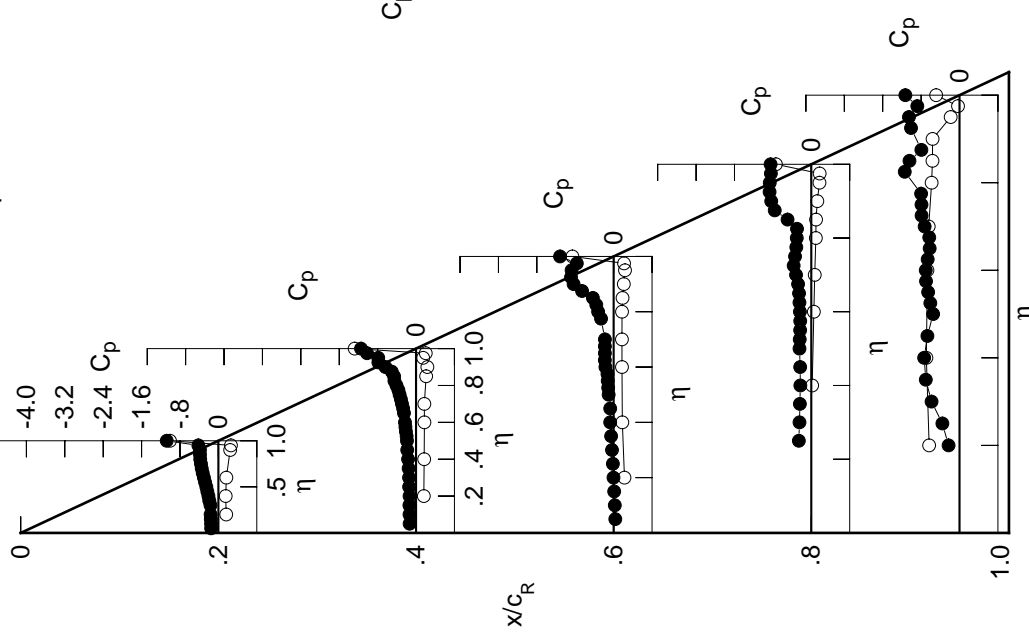


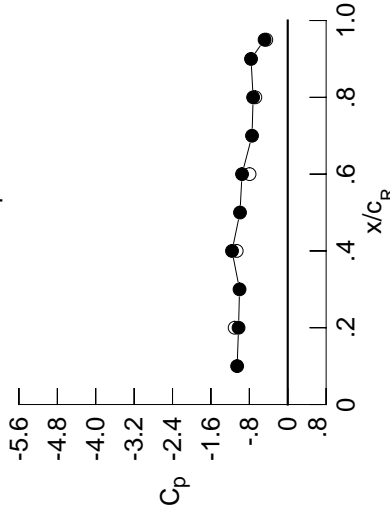
Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1661	-0.1537	0.0153	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1703	-0.1583	0.0037	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1758	-0.1617	-0.0079	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1817	-0.1565	-0.0211	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1654	-0.0394	-0.2883	-0.4147	*****	*****	*****	*****	*****
0.300	-0.1853	-0.1696	-0.0644	-0.2808	-0.5788	*****	*****	*****	*****	*****
0.350	-0.2097	-0.1870	-0.0812	-0.2672	-0.5903	*****	*****	*****	*****	*****
0.400	-0.2294	-0.1980	-0.0961	-0.2556	-0.6655	*****	*****	*****	*****	*****
0.450	-0.2539	-0.2164	-0.0896	-0.2535	-0.6833	*****	*****	*****	*****	*****
0.500	-0.2767	-0.2139	-0.1210	-0.2687	-0.6044	*****	*****	*****	*****	*****
0.525	*****	-0.2202	-0.1304	-0.2683	-0.6766	*****	*****	*****	*****	*****
0.550	-0.3045	-0.2346	-0.1511	-0.2563	-0.7390	*****	*****	*****	*****	*****
0.575	*****	-0.2480	-0.1584	-0.2488	-0.7732	*****	*****	*****	*****	*****
0.600	-0.3285	-0.2565	-0.2025	-0.2447	-0.7686	*****	*****	*****	*****	*****
0.625	*****	*****	-0.2197	-0.2290	-0.7539	*****	*****	*****	*****	*****
0.650	-0.3543	-0.2798	-0.2441	-0.2183	-0.7528	*****	*****	*****	*****	*****
0.675	*****	-0.2988	-0.2374	-0.2219	-0.7669	*****	*****	*****	*****	*****
0.700	-0.3802	-0.3209	-0.2279	-0.2736	-0.8734	*****	*****	*****	*****	*****
0.725	*****	-0.3398	*****	-0.4375	-1.0292	*****	*****	*****	*****	*****
0.750	-0.4023	-0.3616	*****	-0.6202	-1.1421	*****	*****	*****	*****	*****
0.775	*****	-0.4146	-0.2938	-0.7579	-1.1564	*****	*****	*****	*****	*****
0.800	-0.4183	-0.5467	-0.5775	-0.8203	*****	*****	*****	*****	*****	*****
0.825	*****	-0.6210	-0.7278	-0.8615	-0.8374	*****	*****	*****	*****	*****
0.850	-0.4489	-0.5908	-0.7919	-0.8268	-0.7622	*****	*****	*****	*****	*****
0.875	*****	-0.6519	-0.8710	-0.7799	-0.6434	*****	*****	*****	*****	*****
0.900	-0.4526	-0.8737	-0.9171	-0.7535	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9685	-0.9029	-0.7468	-0.6292	*****	*****	*****	*****	*****
0.950	-0.6207	-0.8951	-0.8590	-0.7225	-0.6300	*****	*****	*****	*****	*****
0.975	*****	-1.1070	-0.8069	-0.7041	-0.5143	*****	*****	*****	*****	*****
1.000	-1.0249	-1.1609	-0.9523	-0.7210	-0.4828	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1900	0.1877	0.2456	*****	*****	*****	*****	*****	*****	*****
-0.600	0.1819	0.1941	0.2011	0.0364	-0.6781	*****	*****	*****	*****	*****
-0.700	0.1965	0.2010	0.1968	0.0714	-0.6560	*****	*****	*****	*****	*****
-0.800	*****	0.2009	0.1948	0.0901	-0.6285	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1995	0.1141	-0.5646	*****	*****	*****	*****	*****
-0.900	*****	0.2390	0.2117	0.1185	-0.5476	*****	*****	*****	*****	*****
-0.950	0.2695	0.2597	0.2353	0.1457	-0.5385	*****	*****	*****	*****	*****
-0.975	0.2785	0.1502	0.2491	0.1831	-0.1755	*****	*****	*****	*****	*****
-1.000	*****	0.2012	0.2175	0.1754	-0.0307	*****	*****	*****	*****	*****
	-1.1054	-1.0632	-0.7953	-0.6752	-0.4467	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 48, Point No. = 1029
 $C_N = 0.434$, $C_m = -0.0866$
 $\alpha = 9.2^\circ$, $M_\infty = 0.870$
 $R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0537	*****
0.20	-1.0249	-1.1054
0.30	-1.0042	*****
0.40	-1.1609	-1.0632
0.50	-0.9945	*****
0.60	-0.9523	-0.7953
0.70	-0.7438	*****
0.80	-0.7210	-0.6752
0.90	-0.7646	*****
0.95	-0.4828	-0.4467

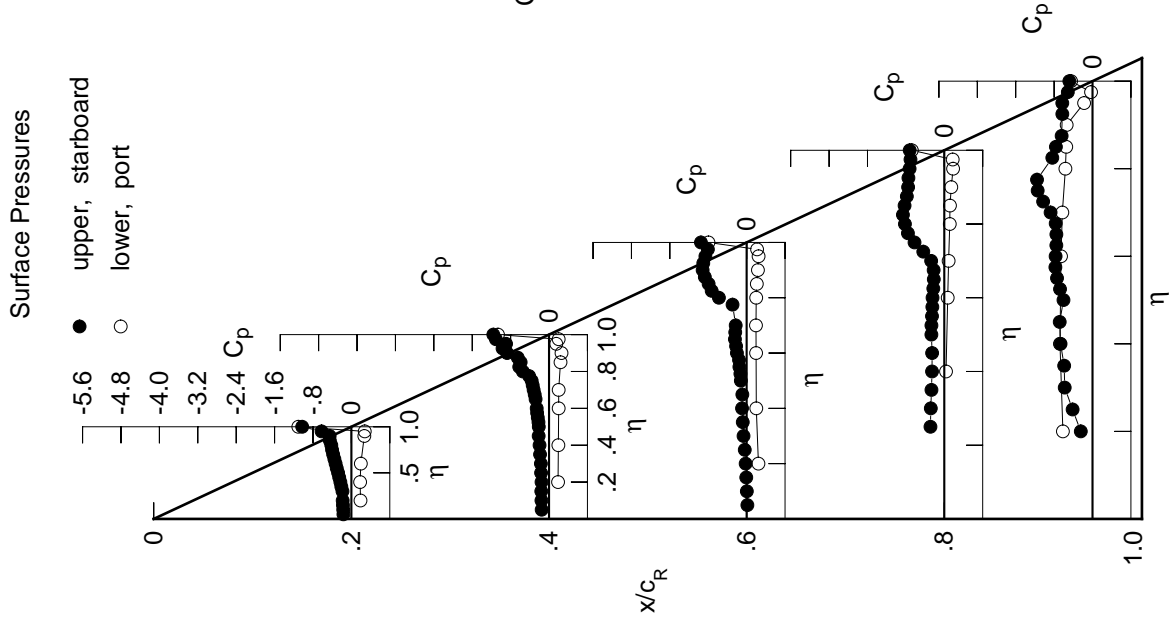


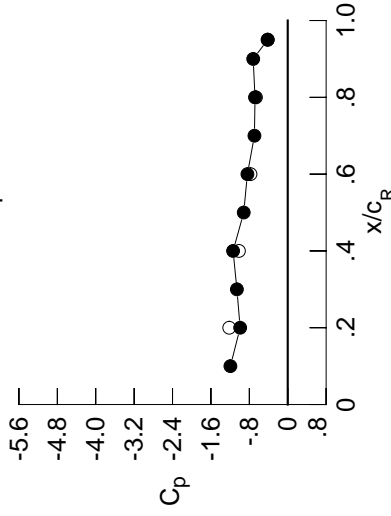
Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1834	-0.1810	-0.0049	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1883	-0.1858	-0.0173	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1994	-0.1892	-0.0262	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2022	-0.1811	-0.0432	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1966	-0.0652	-0.3131	-0.5267	*****	*****	*****	*****	*****
0.300	-0.2101	-0.2078	-0.0905	-0.3125	-0.3541	*****	*****	*****	*****	*****
0.350	-0.2386	-0.2164	-0.1149	-0.2924	-0.2961	*****	*****	*****	*****	*****
0.400	-0.2589	-0.2268	-0.1160	-0.2731	-0.4489	*****	*****	*****	*****	*****
0.450	-0.2804	-0.2571	-0.1028	-0.2594	-0.7314	*****	*****	*****	*****	*****
0.500	-0.2992	-0.2599	-0.1242	-0.2436	-0.7452	*****	*****	*****	*****	*****
0.525	*****	-0.2581	-0.1234	-0.2441	-0.7415	*****	*****	*****	*****	*****
0.550	-0.3338	-0.2691	-0.1221	-0.2420	-0.7327	*****	*****	*****	*****	*****
0.575	*****	-0.2701	-0.1120	-0.2460	-0.7354	*****	*****	*****	*****	*****
0.600	-0.3580	-0.2750	-0.1725	-0.2473	-0.7314	*****	*****	*****	*****	*****
0.625	*****	*****	-0.2207	-0.2466	-0.7444	*****	*****	*****	*****	*****
0.650	-0.3868	-0.2869	-0.2872	-0.2810	-0.8148	*****	*****	*****	*****	*****
0.675	*****	-0.2979	-0.3226	-0.4052	-0.9471	*****	*****	*****	*****	*****
0.700	-0.4097	-0.3009	-0.3645	-0.6307	-1.1101	*****	*****	*****	*****	*****
0.725	*****	-0.3030	*****	-0.8598	-1.2152	*****	*****	*****	*****	*****
0.750	-0.4392	-0.4225	*****	-0.9743	-1.2458	*****	*****	*****	*****	*****
0.775	*****	-0.6589	-0.9088	-1.0139	-1.1730	*****	*****	*****	*****	*****
0.800	-0.4378	-0.8469	-0.9483	-0.9533	*****	*****	*****	*****	*****	*****
0.825	*****	-0.8384	-0.9251	-0.9565	-0.7320	*****	*****	*****	*****	*****
0.850	-0.5374	-0.7721	-0.8984	-0.8411	-0.6372	*****	*****	*****	*****	*****
0.875	*****	-0.8463	-0.8660	-0.7567	-0.5853	*****	*****	*****	*****	*****
0.900	-0.8030	-1.0060	-0.8343	-0.7201	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0228	-0.8008	-0.6983	-0.5845	*****	*****	*****	*****	*****
0.950	-0.9193	-0.9154	-0.7667	-0.6771	-0.5208	*****	*****	*****	*****	*****
0.975	*****	-1.1215	-0.7799	-0.6641	-0.4869	*****	*****	*****	*****	*****
1.000	-0.9914	-1.1383	-0.8403	-0.6817	-0.4162	*****	*****	*****	*****	*****
-0.200	0.2182	0.2116	0.2630	*****	-0.6037	*****	*****	*****	*****	*****
-0.400	0.2115	0.2195	0.2210	0.0526	-0.6674	*****	*****	*****	*****	*****
-0.600	0.2276	0.2275	0.2154	0.0884	-0.6463	*****	*****	*****	*****	*****
-0.700	*****	0.2277	0.2158	0.1057	-0.6174	*****	*****	*****	*****	*****
-0.800	*****	*****	0.2208	0.1319	-0.5546	*****	*****	*****	*****	*****
-0.850	*****	0.2644	0.2323	0.1365	-0.5354	*****	*****	*****	*****	*****
-0.900	0.2917	0.2800	0.2530	0.1619	-0.5199	*****	*****	*****	*****	*****
-0.950	0.2942	0.1527	0.2560	0.1910	-0.1688	*****	*****	*****	*****	*****
-0.975	*****	0.1945	0.2116	0.1727	-0.0316	*****	*****	*****	*****	*****
-1.000	-1.2187	-1.0165	-0.7760	-0.6621	-0.4191	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 48, Point No. = 1030
 $C_N = 0.496$, $C_m = -0.0965$
 $\alpha = 10.3^\circ$, $M_\infty = 0.870$
 $R_{mac} = 59.4 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1942	*****
0.20	-0.9914	-1.2187
0.30	-1.0590	*****
0.40	-1.1383	-1.0165
0.50	-0.9166	*****
0.60	-0.8403	-0.7760
0.70	-0.6938	*****
0.80	-0.6817	-0.6621
0.90	-0.7195	*****
0.95	-0.4162	-0.4191

Surface Pressures

● upper, starboard
 ○ lower, port

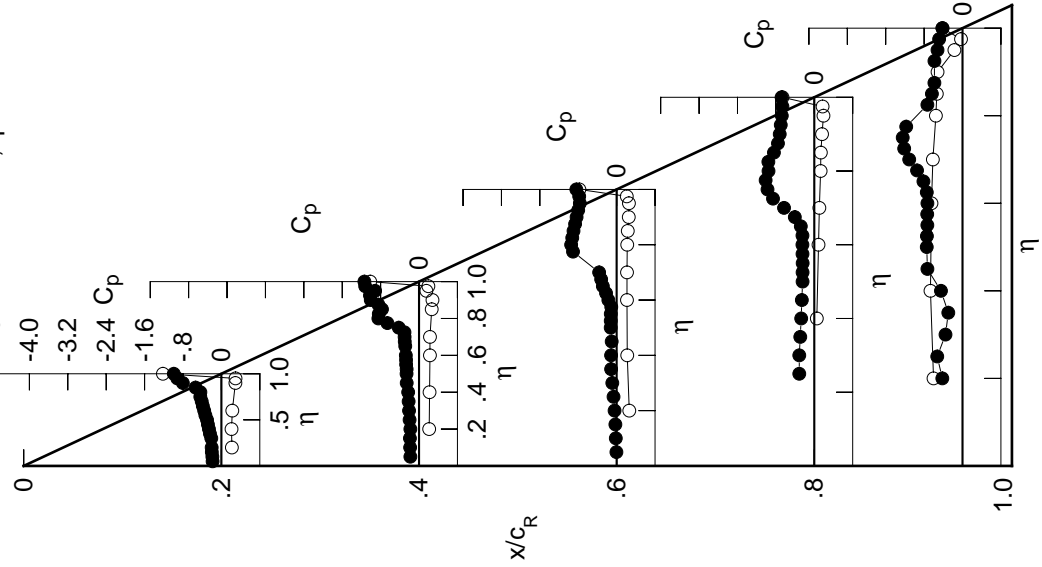


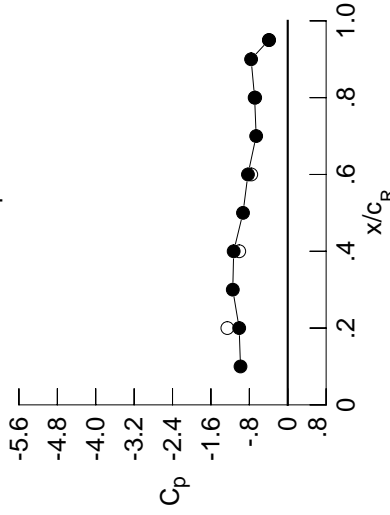
Table E5. Continued.

η	x/c_R .2	$C_{p,u}$	x/c_R .4	$C_{p,u}$	x/c_R .6	$C_{p,u}$	x/c_R .8	$C_{p,u}$	x/c_R .95
0.050		-0.2008	-0.2105	-0.0257	*****	*****	*****	*****	*****
0.100		-0.2073	-0.2136	-0.0356	*****	*****	*****	*****	*****
0.150		-0.2197	-0.2122	-0.0494	*****	*****	*****	*****	*****
0.200		-0.2249	-0.2169	-0.0725	*****	*****	*****	*****	*****
0.250		*****	-0.2397	-0.0932	-0.3422	-0.6738	*****	*****	*****
0.300		-0.2410	-0.2403	-0.1174	-0.3443	-0.3751	*****	*****	*****
0.350		-0.2614	-0.2476	-0.1459	-0.3217	-0.3029	*****	*****	*****
0.400		-0.2776	-0.2531	-0.1404	-0.3002	-0.4046	*****	*****	*****
0.450		-0.3023	-0.2896	-0.1257	-0.2889	-0.6725	*****	*****	*****
0.500		-0.3331	-0.3050	-0.1492	-0.2742	-0.7209	*****	*****	*****
0.525		*****	-0.2963	-0.1488	-0.2701	-0.7121	*****	*****	*****
0.550		-0.3608	-0.3041	-0.1473	-0.2581	-0.6929	*****	*****	*****
0.575		*****	-0.3037	-0.1282	-0.2542	-0.6922	*****	*****	*****
0.600		-0.3737	-0.3008	-0.1392	-0.2580	-0.6883	*****	*****	*****
0.625		*****	*****	-0.1262	-0.2831	-0.7191	*****	*****	*****
0.650		-0.4111	-0.3013	-0.1741	-0.3766	-0.8189	*****	*****	*****
0.675		*****	-0.3036	-0.3610	-0.5802	-0.9649	*****	*****	*****
0.700		-0.4357	-0.2836	-0.6940	-0.8318	-1.1315	*****	*****	*****
0.725		*****	-0.2665	*****	-1.0426	-1.2378	*****	*****	*****
0.750		-0.4199	-0.6148	*****	-1.1504	-0.9444	*****	*****	*****
0.775		*****	-0.9846	-1.1304	-1.1795	-0.8301	*****	*****	*****
0.800		-0.5250	-1.1117	-1.0761	-1.0769	*****	*****	*****	*****
0.825		*****	-1.0247	-1.0221	-1.0327	-0.6266	*****	*****	*****
0.850		-0.8501	-0.9968	-0.9614	-0.8677	-0.5807	*****	*****	*****
0.875		*****	-1.0747	-0.9001	-0.8132	-0.5833	*****	*****	*****
0.900		-0.9821	-1.1135	-0.8456	-0.7974	*****	*****	*****	*****
0.925		*****	-1.0632	-0.8022	-0.7099	-0.5893	*****	*****	*****
0.950		-1.0392	-0.9398	-0.7675	-0.6831	-0.5419	*****	*****	*****
0.975		*****	-1.1255	-0.7836	-0.6806	-0.4886	*****	*****	*****
1.000		-1.0116	-1.1262	-0.8290	-0.6896	-0.3927	*****	*****	*****
-0.200		$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400		0.2473	0.2355	0.2804	*****	-0.5925	*****	*****	*****
-0.600		0.2412	0.2443	0.2390	0.0671	-0.6590	*****	*****	*****
-0.700		0.2587	0.2520	0.2340	0.1010	-0.6377	*****	*****	*****
-0.800		*****	0.2542	0.2363	0.1209	-0.6094	*****	*****	*****
-0.850		*****	*****	0.2415	0.1477	-0.5442	*****	*****	*****
-0.900		*****	0.2880	0.2527	0.1523	-0.5227	*****	*****	*****
-0.950		0.3133	0.2978	0.2698	0.1764	-0.5016	*****	*****	*****
-0.975		0.3088	0.1544	0.2610	0.1961	-0.1609	*****	*****	*****
-1.000		*****	0.1858	0.2043	0.1653	-0.0305	*****	*****	*****
		-1.2579	-1.0103	-0.7600	-0.6784	-0.3881	*****	*****	*****

Small Radius L.E.
 Run No. = 48, Point No. = 1031
 $C_N = 0.553$, $C_m = -0.1046$
 $\alpha = 11.3^\circ$, $M_\infty = 0.868$
 $R_{mac} = 59.5 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starbd C_p	port C_p
0.10	-0.9843	*****
0.20	-1.0116	-1.2579
0.30	-1.1450	*****
0.40	-1.1262	-1.0103
0.50	-0.9317	*****
0.60	-0.8290	-0.7600
0.70	-0.6577	*****
0.80	-0.6896	-0.6784
0.90	-0.7630	*****
0.95	-0.3927	-0.3881

Surface Pressures

● upper, starboard
 ○ lower, port

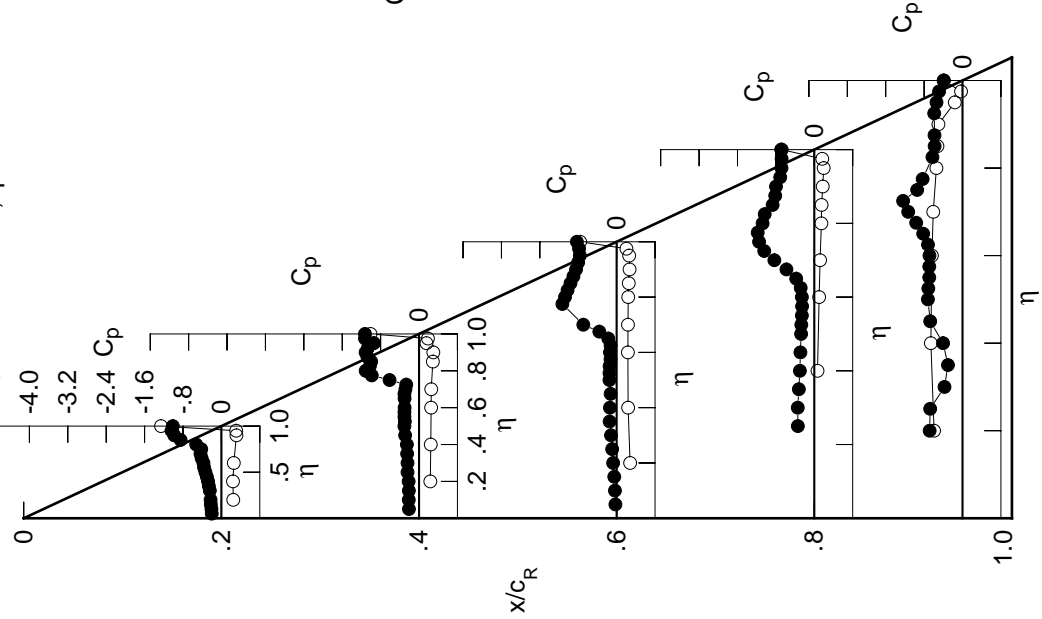


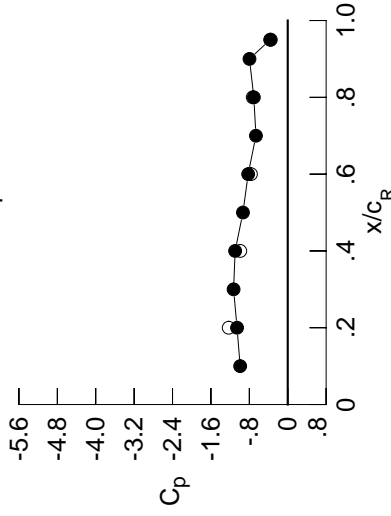
Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2223	-0.2445	-0.0481	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2265	-0.2444	-0.0568	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2414	-0.2460	-0.0743	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2576	-0.2553	-0.0989	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2760	-0.1146	-0.3642	-0.5982	*****	*****	*****	*****	*****
0.300	-0.2697	-0.2766	-0.1260	-0.3530	-0.4886	*****	*****	*****	*****	*****
0.350	-0.2831	-0.2788	-0.1514	-0.3469	-0.4093	*****	*****	*****	*****	*****
0.400	-0.2988	-0.2788	-0.1733	-0.3279	-0.4441	*****	*****	*****	*****	*****
0.450	-0.3229	-0.2977	-0.1579	-0.3147	-0.6104	*****	*****	*****	*****	*****
0.500	-0.3599	-0.3447	-0.1761	-0.2984	-0.6576	*****	*****	*****	*****	*****
0.525	*****	-0.3672	-0.1695	-0.2954	-0.6510	*****	*****	*****	*****	*****
0.550	-0.3939	-0.3723	-0.1660	-0.2941	-0.6318	*****	*****	*****	*****	*****
0.575	*****	-0.3588	-0.1519	-0.3089	-0.6501	*****	*****	*****	*****	*****
0.600	-0.3988	-0.3535	-0.2017	-0.3528	-0.6951	*****	*****	*****	*****	*****
0.625	*****	*****	-0.2635	-0.4450	-0.7995	*****	*****	*****	*****	*****
0.650	-0.4173	-0.3322	-0.4825	-0.6155	-0.9569	*****	*****	*****	*****	*****
0.675	*****	-0.3385	-0.7855	-0.8446	-1.1101	*****	*****	*****	*****	*****
0.700	-0.4044	-0.4485	-1.0167	-1.0526	-1.2404	*****	*****	*****	*****	*****
0.725	*****	-0.8020	*****	-1.1980	-0.9436	*****	*****	*****	*****	*****
0.750	-0.4543	-1.0917	*****	-1.2535	-0.8646	*****	*****	*****	*****	*****
0.775	*****	-1.1643	-1.1383	-1.2096	-0.7677	*****	*****	*****	*****	*****
0.800	-0.8815	-1.1654	-1.0900	-1.0188	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0935	-1.0419	-0.9725	-0.6145	*****	*****	*****	*****	*****
0.850	-1.0451	-1.0705	-0.9857	-0.8757	-0.5740	*****	*****	*****	*****	*****
0.875	*****	-1.0961	-0.9153	-0.8375	-0.5780	*****	*****	*****	*****	*****
0.900	-1.0662	-1.1135	-0.8631	-0.8125	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0688	-0.8225	-0.7341	-0.5811	*****	*****	*****	*****	*****
0.950	-1.0827	-0.9748	-0.7860	-0.7067	-0.5328	*****	*****	*****	*****	*****
0.975	*****	-1.0824	-0.7829	-0.7032	-0.4659	*****	*****	*****	*****	*****
1.000	-1.0561	-1.0958	-0.8241	-0.7063	-0.3653	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.2748	0.2597	0.2972	*****	*****	*****	*****	*****	*****
-0.400		0.2702	0.2677	0.2558	0.0824	-0.6464	*****	*****	*****	*****
-0.600		0.2879	0.2756	0.2521	0.1170	-0.6247	*****	*****	*****	*****
-0.700		*****	0.2791	0.2544	0.1361	-0.5973	*****	*****	*****	*****
-0.800		*****	*****	0.2598	0.1605	-0.5301	*****	*****	*****	*****
-0.850		*****	0.3082	0.2705	0.1669	-0.5075	*****	*****	*****	*****
-0.900		0.3326	0.3122	0.2829	0.1886	-0.4807	*****	*****	*****	*****
-0.950		0.3212	0.1531	0.2624	0.1976	-0.1518	*****	*****	*****	*****
-0.975		*****	0.1755	0.1921	0.1534	-0.0305	*****	*****	*****	*****
-1.000		-1.2294	-0.9887	-0.7668	-0.7285	-0.3532	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 48, Point No. = 1032
 $C_N = 0.622$, $C_m = -0.1202$
 $\alpha = 12.4^\circ$, $M_\infty = 0.871$
 $R_{mac} = 59.5 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.9909	*****
0.20	-1.0561	-1.2294
0.30	-1.1278	*****
0.40	-1.0958	-0.9887
0.50	-0.9331	*****
0.60	-0.8241	-0.7668
0.70	-0.6623	*****
0.80	-0.7063	-0.7285
0.90	-0.7969	*****
0.95	-0.3653	-0.3532

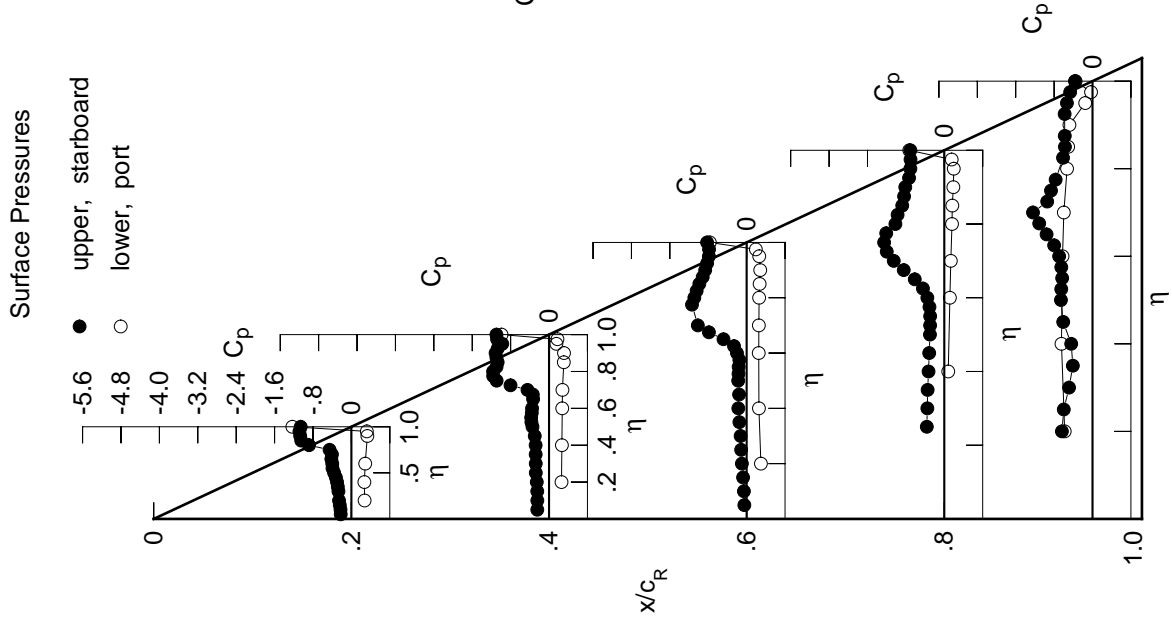
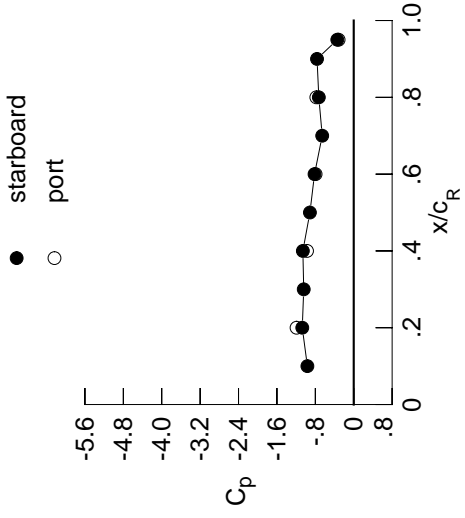


Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2445	-0.2744	-0.0619	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2431	-0.2730	-0.0708	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2647	-0.2823	-0.0922	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2804	-0.2882	-0.1136	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3020	-0.1246	-0.3871	-0.2669	*****	*****	*****	*****	*****
0.300	-0.2797	-0.2995	-0.1289	-0.3671	-0.2671	*****	*****	*****	*****	*****
0.350	-0.2964	-0.3012	-0.1386	-0.3493	-0.3781	*****	*****	*****	*****	*****
0.400	-0.3088	-0.2984	-0.1433	-0.3299	-0.5572	*****	*****	*****	*****	*****
0.450	-0.3361	-0.2968	-0.1184	-0.3166	-0.6051	*****	*****	*****	*****	*****
0.500	-0.3682	-0.2736	-0.1468	-0.3088	-0.5870	*****	*****	*****	*****	*****
0.525	*****	-0.2690	-0.1584	-0.3186	-0.5978	*****	*****	*****	*****	*****
0.550	-0.4054	-0.2964	-0.2084	-0.3429	-0.6208	*****	*****	*****	*****	*****
0.575	*****	-0.3295	-0.3131	-0.4080	-0.6938	*****	*****	*****	*****	*****
0.600	-0.4059	-0.4121	-0.5729	-0.5262	-0.7950	*****	*****	*****	*****	*****
0.625	*****	*****	-0.7854	-0.7018	-0.9409	*****	*****	*****	*****	*****
0.650	-0.3751	-0.8790	-0.9881	-0.9116	-1.1047	*****	*****	*****	*****	*****
0.675	*****	-1.1017	-1.1304	-1.1063	-1.2348	*****	*****	*****	*****	*****
0.700	-0.5332	-1.1826	-1.2059	-1.2463	-0.9369	*****	*****	*****	*****	*****
0.725	*****	-1.1894	*****	-1.3331	-0.8624	*****	*****	*****	*****	*****
0.750	-0.9138	-1.1741	*****	-1.3316	-0.7766	*****	*****	*****	*****	*****
0.775	*****	-1.1304	-1.1043	-1.1103	-0.6833	*****	*****	*****	*****	*****
0.800	-1.0681	-1.0654	-1.0622	-0.9459	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0022	-1.0143	-0.8910	-0.6065	*****	*****	*****	*****	*****
0.850	-1.1165	-0.9838	-0.9539	-0.8531	-0.5809	*****	*****	*****	*****	*****
0.875	*****	-1.0209	-0.8883	-0.8310	-0.5922	*****	*****	*****	*****	*****
0.900	-1.0876	-1.0649	-0.8494	-0.8166	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0153	-0.8182	-0.7458	-0.5621	*****	*****	*****	*****	*****
0.950	-1.0859	-0.9354	-0.7824	-0.7214	-0.4925	*****	*****	*****	*****	*****
0.975	*****	-1.0616	-0.7757	-0.7218	-0.4219	*****	*****	*****	*****	*****
1.000	-1.0720	-1.0597	-0.8167	-0.7271	-0.3426	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3064	0.2855	0.3152	*****	-0.5720	*****	*****	*****	*****	*****
-0.600	0.3016	0.2934	0.2751	0.0977	-0.6366	*****	*****	*****	*****	*****
-0.700	0.3192	0.3011	0.2716	0.1331	-0.6152	*****	*****	*****	*****	*****
-0.800	*****	0.3046	0.2735	0.1507	-0.5862	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2783	0.1760	-0.5170	*****	*****	*****	*****	*****
-0.900	*****	0.3292	0.2871	0.1822	-0.4910	*****	*****	*****	*****	*****
-0.950	0.3529	0.3266	0.2950	0.2009	-0.4594	*****	*****	*****	*****	*****
-0.975	0.3345	0.1522	0.2622	0.2003	-0.1389	*****	*****	*****	*****	*****
-1.000	*****	0.1665	0.1802	0.1436	-0.0237	*****	*****	*****	*****	*****
-1.000	-1.1909	-0.9727	-0.7941	-0.7791	-0.3149	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 48, Point No. = 1033
 $C_N = 0.677$, $C_m = -0.1266$
 $\alpha = 13.4^\circ$, $M_\infty = 0.871$
 $R_{mac} = 59.4 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.9656	*****
0.20	-1.0720	-1.1909
0.30	-1.0418	*****
0.40	-1.0597	-0.9727
0.50	-0.9126	*****
0.60	-0.8167	-0.7941
0.70	-0.6564	*****
0.80	-0.7271	-0.7791
0.90	-0.7645	*****
0.95	-0.3426	-0.3149

Surface Pressures

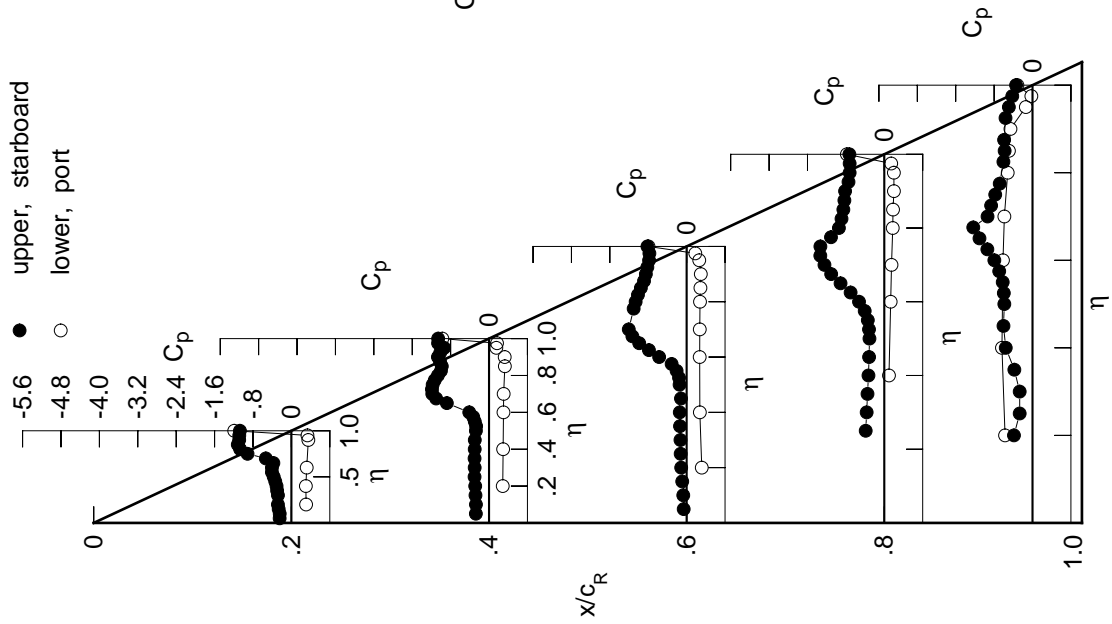


Table E5. Continued.

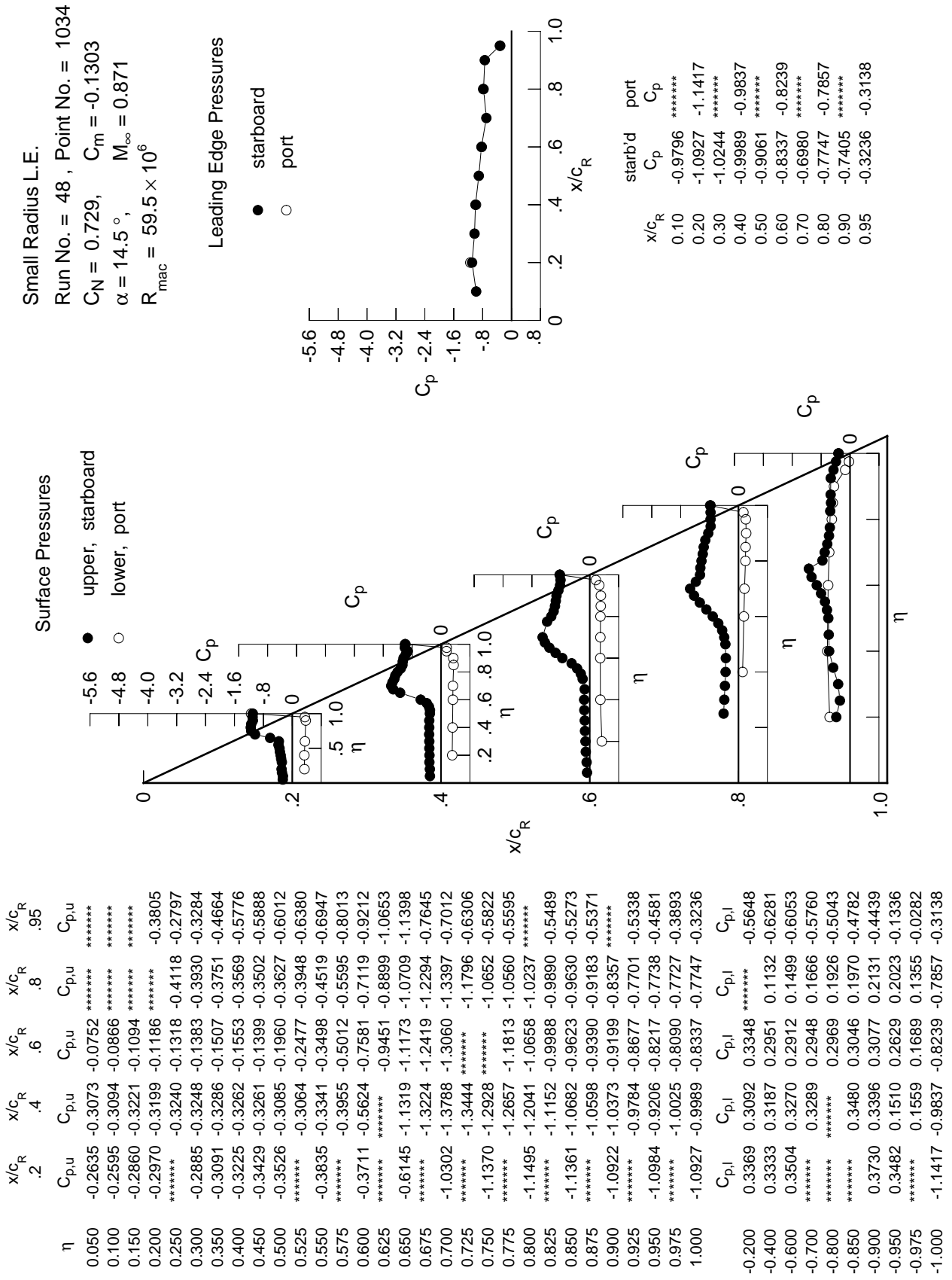


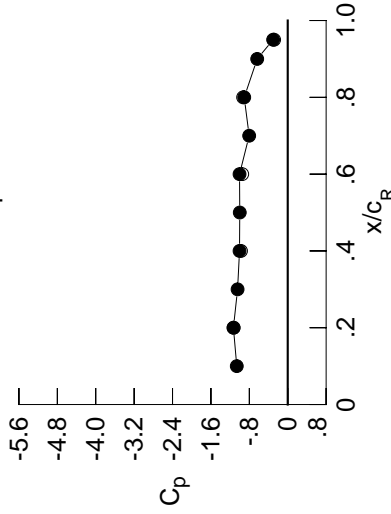
Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3007	-0.3676	-0.1263	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3028	-0.3747	-0.1440	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3295	-0.3815	-0.1745	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3408	-0.3768	-0.1852	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.3833	-0.2024	-0.4643	-0.4819	*****	*****	*****	*****	-0.4841
0.300	-0.3320	-0.3794	-0.2212	-0.4523	-0.5058	*****	*****	*****	*****	*****
0.350	-0.3539	-0.3815	-0.2502	-0.4443	-0.5318	*****	*****	*****	*****	*****
0.400	-0.3699	-0.3808	-0.2872	-0.4456	-0.5605	*****	*****	*****	*****	*****
0.450	-0.3799	-0.3905	-0.3225	-0.4816	-0.5890	*****	*****	*****	*****	*****
0.500	-0.3613	-0.4158	-0.4862	-0.5760	-0.6743	*****	*****	*****	*****	*****
0.525	*****	-0.4723	-0.6083	-0.6627	-0.7601	*****	*****	*****	*****	*****
0.550	-0.3335	-0.6135	-0.7614	-0.7746	-0.8645	*****	*****	*****	*****	*****
0.575	*****	-0.8142	-0.9200	-0.9105	-1.0033	*****	*****	*****	*****	*****
0.600	-0.7250	-1.0531	-1.1240	-1.0508	-1.1232	*****	*****	*****	*****	*****
0.625	*****	*****	-1.2587	-1.1811	-0.7340	*****	*****	*****	*****	*****
0.650	-1.3003	-1.4036	-1.3820	-1.3033	-0.6387	*****	*****	*****	*****	*****
0.675	*****	-1.5245	-1.3253	-1.0931	-0.6025	*****	*****	*****	*****	*****
0.700	-1.3517	-1.5770	-1.1820	-1.0276	-0.5805	*****	*****	*****	*****	*****
0.725	*****	-1.5736	*****	-1.0192	-0.5639	*****	*****	*****	*****	*****
0.750	-1.3461	-1.4179	*****	-1.0191	-0.5455	*****	*****	*****	*****	*****
0.775	*****	-1.3250	-1.1490	-1.0417	-0.5238	*****	*****	*****	*****	*****
0.800	-1.2793	-1.2270	-1.1533	-1.0588	*****	*****	*****	*****	*****	*****
0.825	*****	-1.1742	-1.1674	-1.0452	-0.5143	*****	*****	*****	*****	*****
0.850	-1.2178	-1.1467	-1.1327	-1.0038	-0.4901	*****	*****	*****	*****	*****
0.875	*****	-1.1198	-1.0452	-0.9332	-0.4867	*****	*****	*****	*****	*****
0.900	-1.1444	-1.0736	-0.9972	-0.8930	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0154	-0.9931	-0.8898	-0.4384	*****	*****	*****	*****	*****
0.950	-1.1376	-0.9767	-0.9931	-0.9060	-0.3789	*****	*****	*****	*****	*****
0.975	*****	-1.0296	-1.0032	-0.9081	-0.3460	*****	*****	*****	*****	*****
1.000	-1.1315	-1.0043	-1.0039	-0.9066	-0.3044	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3948	0.3576	0.3698	*****	-0.5458	*****	*****	*****	*****	*****
-0.600	0.3929	0.3653	0.3304	0.1437	-0.6095	*****	*****	*****	*****	*****
-0.700	0.4074	0.3733	0.3257	0.1784	-0.5873	*****	*****	*****	*****	*****
-0.800	*****	0.3751	0.3288	0.1955	-0.5556	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3287	0.2198	-0.4785	*****	*****	*****	*****	*****
-0.900	0.4058	0.3612	0.3241	0.2312	-0.4487	*****	*****	*****	*****	*****
-0.950	0.3686	0.1520	0.2536	0.1983	-0.1148	*****	*****	*****	*****	*****
-0.975	*****	0.1328	0.1336	0.1056	-0.0256	*****	*****	*****	*****	*****
-1.000	-1.1256	-0.9734	-0.9483	-0.9295	-0.2830	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 48, Point No. = 1035
 $C_N = 0.834$, $C_M = -0.1436$
 $\alpha = 16.6^\circ$, $M_\infty = 0.869$
 $R_{mac} = 59.3 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	-1.0616	*****
0.20	-1.1315	-1.1256
0.30	-1.0450	*****
0.40	-1.0043	-0.9734
0.50	-0.9996	*****
0.60	-1.0039	-0.9483
0.70	-0.8035	*****
0.80	-0.9066	-0.9295
0.90	-0.6359	*****
0.95	-0.3044	-0.2830

Surface Pressures

- upper, starboard
- lower, port

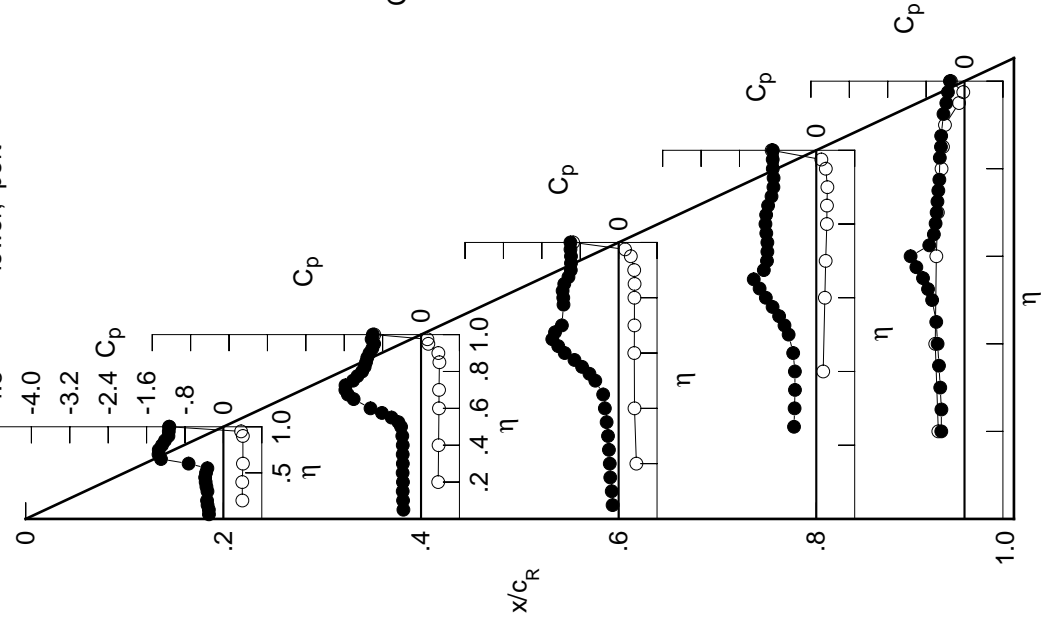


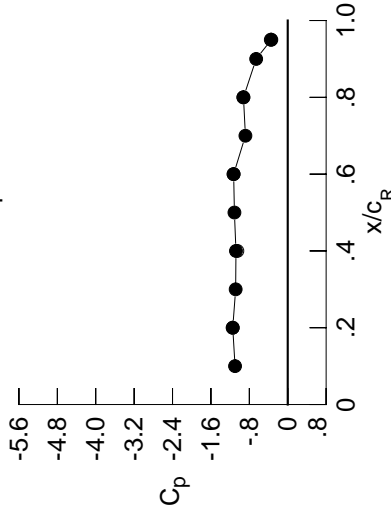
Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.3710	-0.4458	-0.4513	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3828	-0.4498	-0.4509	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3897	-0.4564	-0.4463	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3879	-0.4520	-0.4593	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.4598	-0.4755	-0.5124	-0.3439	*****	*****	*****	*****	*****
0.300	-0.3785	-0.4584	-0.4873	-0.5031	-0.3815	*****	*****	*****	*****	*****
0.350	-0.4006	-0.4667	-0.5072	-0.5036	-0.4007	*****	*****	*****	*****	*****
0.400	-0.4007	-0.4829	-0.5478	-0.5310	-0.4508	*****	*****	*****	*****	*****
0.450	-0.3969	-0.5517	-0.6236	-0.6168	-0.5396	*****	*****	*****	*****	*****
0.500	-0.4416	-0.7033	-0.8376	-0.7797	-0.7145	*****	*****	*****	*****	*****
0.525	*****	-0.8353	-0.9736	-0.8919	-0.8333	*****	*****	*****	*****	*****
0.550	-0.8989	-1.0417	-1.1184	-1.0130	-0.9426	*****	*****	*****	*****	*****
0.575	*****	-1.2121	-1.2485	-1.1398	-0.8985	*****	*****	*****	*****	*****
0.600	-1.4116	-1.3630	-1.3800	-1.2533	-0.7776	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4649	-1.3525	-0.7510	*****	*****	*****	*****	*****
0.650	-1.5256	-1.5409	-1.2689	-1.3300	-0.7366	*****	*****	*****	*****	*****
0.675	*****	-1.5783	-1.2395	-1.1279	-0.7114	*****	*****	*****	*****	*****
0.700	-1.4338	-1.4410	-1.2320	-1.1078	-0.6816	*****	*****	*****	*****	*****
0.725	*****	-1.4242	*****	-1.0963	-0.6439	*****	*****	*****	*****	*****
0.750	-1.4011	-1.4324	*****	-1.0846	-0.5974	*****	*****	*****	*****	*****
0.775	*****	-1.4232	-1.2653	-1.0676	-0.5522	*****	*****	*****	*****	*****
0.800	-1.3247	-1.3769	-1.2941	-1.0551	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2834	-1.2767	-1.0305	-0.5354	*****	*****	*****	*****	*****
0.850	-1.2364	-1.1938	-1.2096	-1.0114	-0.5089	*****	*****	*****	*****	*****
0.875	*****	-1.1425	-1.1460	-0.9605	-0.5069	*****	*****	*****	*****	*****
0.900	-1.1716	-1.1101	-1.1311	-0.9238	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0813	-1.1375	-0.9138	-0.4723	*****	*****	*****	*****	*****
0.950	-1.1560	-1.0555	-1.1354	-0.9255	-0.4139	*****	*****	*****	*****	*****
0.975	*****	-1.1040	-1.1270	-0.9277	-0.3785	*****	*****	*****	*****	*****
1.000	-1.1454	-1.0785	-1.1266	-0.9220	-0.3415	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.4522	0.4025	0.4056	*****	-0.5265	*****	*****	*****	*****	*****
-0.600	0.4500	0.4114	0.3650	0.1758	-0.5879	*****	*****	*****	*****	*****
-0.700	0.4625	0.4157	0.3612	0.2072	-0.5673	*****	*****	*****	*****	*****
-0.800	*****	0.4177	0.3609	0.2236	-0.5328	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3587	0.2462	-0.4578	*****	*****	*****	*****	*****
-0.900	0.4348	0.3757	0.3357	0.2522	-0.3848	*****	*****	*****	*****	*****
-0.950	0.3838	0.1487	0.2405	0.1950	-0.1181	*****	*****	*****	*****	*****
-0.975	*****	0.1032	0.0961	0.0825	-0.0542	*****	*****	*****	*****	*****
-1.000	-1.1476	-1.0498	-1.1293	-0.9247	-0.3532	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 48, Point No. = 1036
 $C_N = 0.954$, $C_M = -0.1664$
 $\alpha = 18.6^\circ$, $M_\infty = 0.870$
 $R_{mac} = 59.3 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	-1.0975	*****
0.20	-1.1454	-1.1476
0.30	-1.0848	*****
0.40	-1.0785	-1.0498
0.50	-1.1108	*****
0.60	-1.1266	-1.1293
0.70	-0.8815	*****
0.80	-0.9220	-0.9247
0.90	-0.6573	*****
0.95	-0.3415	-0.3532

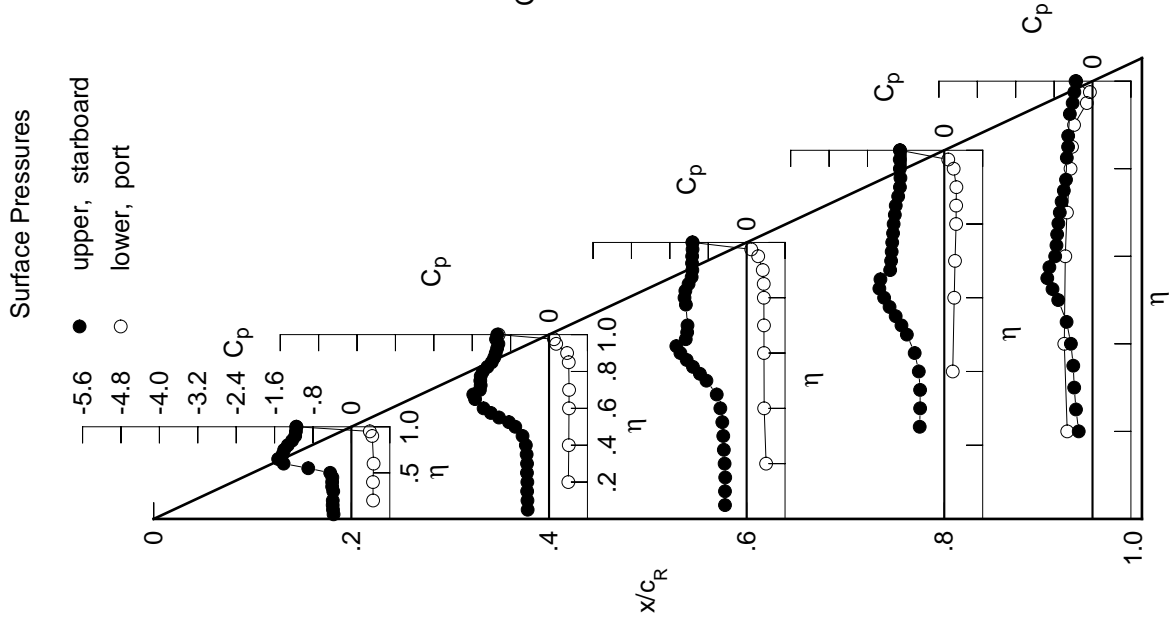


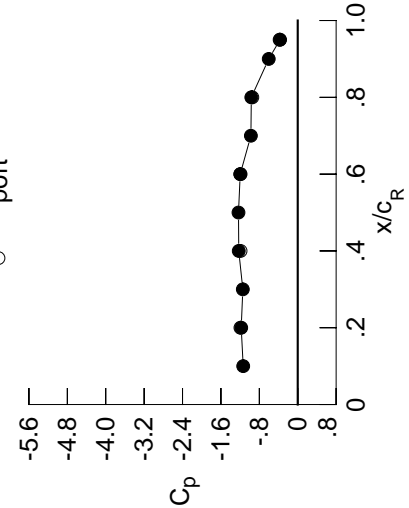
Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4377	-0.5260	-0.5374	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4541	-0.5306	-0.5378	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4583	-0.5363	-0.5470	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4560	-0.5338	-0.5499	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.5451	-0.5627	-0.4912	-0.3186	*****	*****	*****	*****	*****
0.300	-0.4437	-0.5525	-0.5820	-0.5076	-0.3857	*****	*****	*****	*****	*****
0.350	-0.4632	-0.5815	-0.6288	-0.5465	-0.4408	*****	*****	*****	*****	*****
0.400	-0.4746	-0.6377	-0.7174	-0.6256	-0.5151	*****	*****	*****	*****	*****
0.450	-0.5458	-0.7794	-0.8613	-0.7730	-0.6399	*****	*****	*****	*****	*****
0.500	-0.8409	-0.9901	-1.0947	-0.9858	-0.8346	*****	*****	*****	*****	*****
0.525	*****	-1.1148	-1.2117	-1.1026	-0.9480	*****	*****	*****	*****	*****
0.550	-1.3155	-1.2916	-1.3243	-1.2168	-1.0360	*****	*****	*****	*****	*****
0.575	*****	-1.4098	-1.4163	-1.3210	-0.9254	*****	*****	*****	*****	*****
0.600	-1.5886	-1.5097	-1.5077	-1.4097	-0.8536	*****	*****	*****	*****	*****
0.625	*****	*****	-1.3805	-1.4799	-0.8437	*****	*****	*****	*****	*****
0.650	-1.6635	-1.3958	-1.3138	-1.2704	-0.8197	*****	*****	*****	*****	*****
0.675	*****	-1.3829	-1.3125	-1.2294	-0.7968	*****	*****	*****	*****	*****
0.700	-1.5126	-1.3831	-1.3106	-1.2123	-0.7740	*****	*****	*****	*****	*****
0.725	*****	-1.3900	*****	-1.2013	-0.6930	*****	*****	*****	*****	*****
0.750	-1.4507	-1.4111	*****	-1.1933	-0.6122	*****	*****	*****	*****	*****
0.775	*****	-1.4553	-1.3399	-1.1897	-0.5479	*****	*****	*****	*****	*****
0.800	-1.3412	-1.4774	-1.3402	-1.1816	*****	*****	*****	*****	*****	*****
0.825	*****	-1.3836	-1.3085	-1.1584	-0.5295	*****	*****	*****	*****	*****
0.850	-1.2730	-1.2488	-1.2633	-1.1398	-0.5305	*****	*****	*****	*****	*****
0.875	*****	-1.2008	-1.2247	-1.0791	-0.5395	*****	*****	*****	*****	*****
0.900	-1.2228	-1.2012	-1.2115	-1.0141	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1965	-1.2078	-0.9713	-0.5189	*****	*****	*****	*****	*****
0.950	-1.1912	-1.1869	-1.2053	-0.9696	-0.4376	*****	*****	*****	*****	*****
0.975	*****	-1.2252	-1.1955	-0.9717	-0.4030	*****	*****	*****	*****	*****
1.000	-1.1774	-1.2286	-1.1984	-0.9670	-0.3680	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5116	0.4544	0.4444	*****	-0.5025	*****	*****	*****	*****	*****
-0.600	0.5102	0.4609	0.4056	0.2110	-0.5655	*****	*****	*****	*****	*****
-0.700	0.5182	0.4646	0.4003	0.2407	-0.5437	*****	*****	*****	*****	*****
-0.800	*****	0.4632	0.3997	0.2564	-0.5078	*****	*****	*****	*****	*****
-0.850	*****	*****	0.3922	0.2757	-0.4305	*****	*****	*****	*****	*****
-0.900	*****	0.4389	0.3832	0.2735	-0.3977	*****	*****	*****	*****	*****
-0.950	0.4626	0.3910	0.3520	0.2669	-0.3556	*****	*****	*****	*****	*****
-0.975	0.3988	0.1274	0.2333	0.1927	-0.1108	*****	*****	*****	*****	*****
-1.000	*****	0.0751	0.0691	0.0606	-0.0662	*****	*****	*****	*****	*****
-1.000	-1.1937	-1.1913	-1.1913	-0.9464	-0.3771	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 48, Point No. = 1037
 $C_N = 1.064$, $C_m = -0.1834$
 $\alpha = 20.7^\circ$, $M_\infty = 0.869$
 $R_{mac} = 59.4 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	-1.1359	*****
0.20	-1.1774	-1.1937
0.30	-1.1438	*****
0.40	-1.2286	-1.1913
0.50	-1.2340	*****
0.60	-1.1984	-1.1913
0.70	-0.9756	*****
0.80	-0.9670	-0.9464
0.90	-0.6037	*****
0.95	-0.3680	-0.3771

Surface Pressures

- upper, starboard
- lower, port

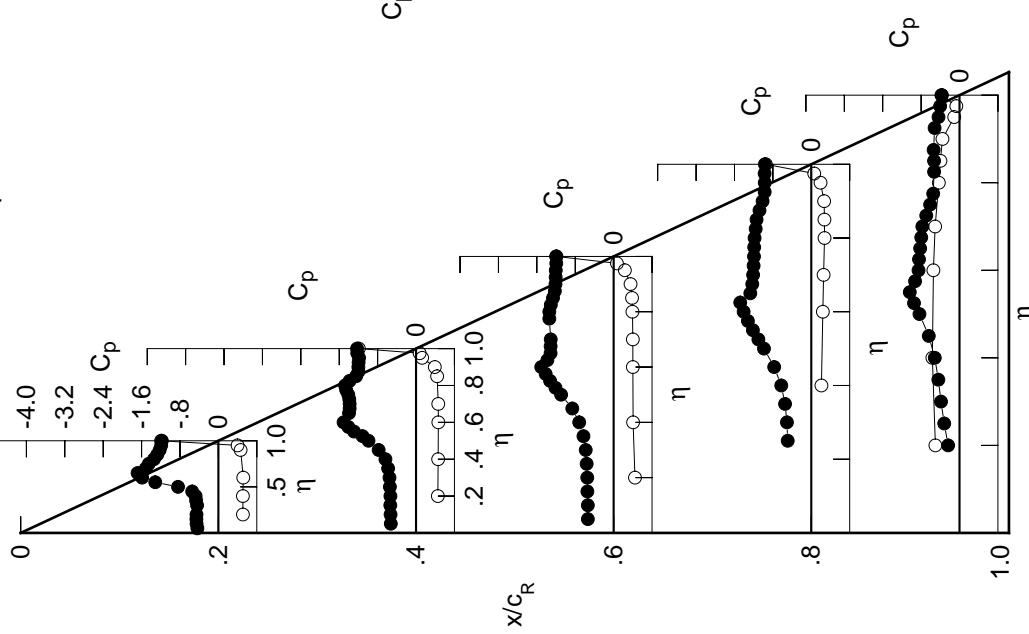
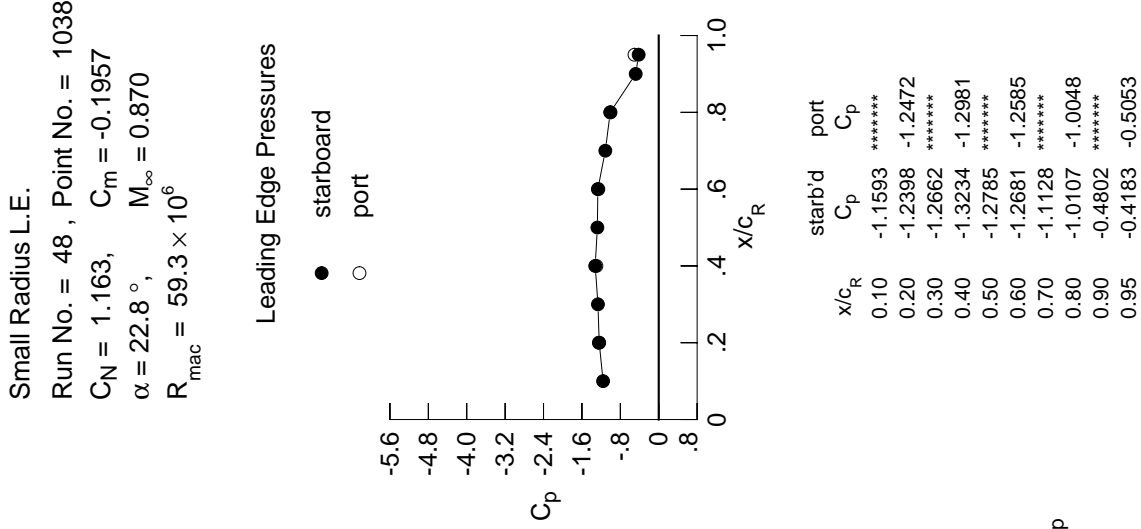


Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.5191	-0.5993	-0.5950	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5309	-0.6045	-0.5975	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5322	-0.6120	-0.6053	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5331	-0.6180	-0.6139	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6373	-0.6359	-0.5131	-0.3825	*****	*****	*****	*****	*****
0.300	-0.5287	-0.6631	-0.6741	-0.5690	-0.4695	*****	*****	*****	*****	*****
0.350	-0.5679	-0.7219	-0.7540	-0.6524	-0.5464	*****	*****	*****	*****	*****
0.400	-0.6429	-0.8266	-0.8889	-0.7786	-0.6752	*****	*****	*****	*****	*****
0.450	-0.8437	-1.0069	-1.0720	-0.9566	-0.8366	*****	*****	*****	*****	*****
0.500	-1.1874	-1.1993	-1.2879	-1.1568	-1.0403	*****	*****	*****	*****	*****
0.525	*****	-1.2903	-1.3802	-1.2543	-1.1406	*****	*****	*****	*****	*****
0.550	-1.4911	-1.4325	-1.4676	-1.3452	-1.2114	*****	*****	*****	*****	*****
0.575	*****	-1.5147	-1.5320	-1.4256	-0.9437	*****	*****	*****	*****	*****
0.600	-1.6606	-1.5409	-1.5955	-1.4943	-0.8535	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4130	-1.4709	-0.8499	*****	*****	*****	*****	*****
0.650	-1.6047	-1.3675	-1.3948	-1.2945	-0.8326	*****	*****	*****	*****	*****
0.675	*****	-1.3714	-1.3954	-1.2861	-0.7824	*****	*****	*****	*****	*****
0.700	-1.5897	-1.3714	-1.3951	-1.2734	-0.7114	*****	*****	*****	*****	*****
0.725	*****	-1.3809	*****	-1.2699	-0.5982	*****	*****	*****	*****	*****
0.750	-1.5263	-1.4094	*****	-1.2736	-0.5145	*****	*****	*****	*****	*****
0.775	*****	-1.4469	-1.4124	-1.2902	-0.4874	*****	*****	*****	*****	*****
0.800	-1.3396	-1.4289	-1.4180	-1.3093	*****	*****	*****	*****	*****	*****
0.825	*****	-1.3673	-1.3958	-1.3112	-0.5851	*****	*****	*****	*****	*****
0.850	-1.2895	-1.3178	-1.3434	-1.3048	-0.5865	*****	*****	*****	*****	*****
0.875	*****	-1.2966	-1.2921	-1.1964	-0.5972	*****	*****	*****	*****	*****
0.900	-1.2586	-1.3023	-1.2718	-1.0891	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3055	-1.2680	-1.0307	-0.6035	*****	*****	*****	*****	*****
0.950	-1.2478	-1.3049	-1.2691	-1.0232	-0.4745	*****	*****	*****	*****	*****
0.975	*****	-1.3086	-1.2595	-1.0195	-0.4419	*****	*****	*****	*****	*****
1.000	-1.2398	-1.3234	-1.2681	-1.0107	-0.4183	*****	*****	*****	*****	*****
-0.200	*****	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.5706	0.5051	0.4842	*****	-0.4729	*****	*****	*****	*****	*****
-0.600	0.5680	0.5110	0.4466	0.2464	-0.5377	*****	*****	*****	*****	*****
-0.700	0.5715	0.5121	0.4389	0.2741	-0.5147	*****	*****	*****	*****	*****
-0.800	*****	0.5069	0.4375	0.2874	-0.4776	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4245	0.3037	-0.3978	*****	*****	*****	*****	*****
-0.900	0.4880	0.4039	0.3673	0.2817	-0.3277	*****	*****	*****	*****	*****
-0.950	0.4119	0.1136	0.2271	0.1868	-0.1084	*****	*****	*****	*****	*****
-0.975	*****	0.0499	0.0466	0.0366	-0.0871	*****	*****	*****	*****	*****
-1.000	-1.2472	-1.2981	-1.2585	-1.0048	-0.5053	*****	*****	*****	*****	*****



Small Radius L.E.
 Run No. = 48, Point No. = 1038
 $C_N = 1.163$, $C_m = -0.1957$
 $\alpha = 22.8^\circ$, $M_\infty = 0.870$
 $R_{mac} = 59.3 \times 10^6$

Leading Edge Pressures
 ● starboard
 ○ port

starb'd port
 x/c_R C_p C_p
 0.10 -1.1593 *****
 0.20 -1.2398 -1.2472
 0.30 -1.2662 *****
 0.40 -1.3234 -1.2981
 0.50 -1.2785 *****
 0.60 -1.2681 -1.2585
 0.70 -1.1128 *****
 0.80 -1.0107 -1.0048
 0.90 -0.4802 *****
 0.95 -0.4183 -0.5053

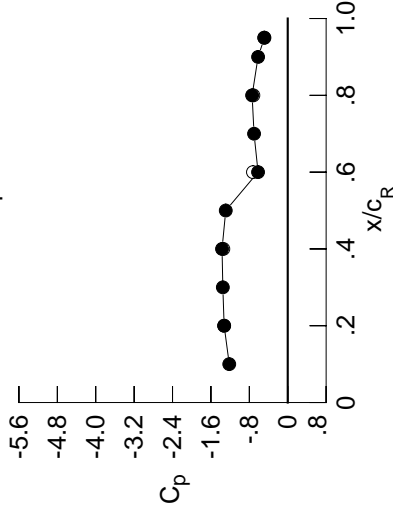
Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.5903	-0.6519	0.0657	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6009	-0.6565	0.0543	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6030	-0.6619	0.0416	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6064	-0.6731	0.0216	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.7075	-0.0198	-0.8946	-0.6747	*****	*****	*****	*****	*****
0.300	-0.6281	-0.7567	-0.0911	-0.9286	-0.7492	*****	*****	*****	*****	*****
0.350	-0.7087	-0.8506	-0.2155	-0.9640	-0.8083	*****	*****	*****	*****	*****
0.400	-0.8585	-0.9933	-0.4106	-0.9720	-0.8612	*****	*****	*****	*****	*****
0.450	-1.1062	-1.1855	-0.6431	-0.9539	-0.8453	*****	*****	*****	*****	*****
0.500	-1.3808	-1.3442	-0.9359	-0.9077	-0.7875	*****	*****	*****	*****	*****
0.525	*****	-1.4095	-1.0643	-0.8954	-0.7975	*****	*****	*****	*****	*****
0.550	-1.5846	-1.5319	-1.1698	-0.8891	-0.7778	*****	*****	*****	*****	*****
0.575	*****	-1.5910	-1.2634	-0.9038	-0.7909	*****	*****	*****	*****	*****
0.600	-1.5810	-1.6045	-1.3506	-0.9218	-0.7826	*****	*****	*****	*****	*****
0.625	*****	*****	-1.2798	-0.9232	-0.7836	*****	*****	*****	*****	*****
0.650	-1.5189	-1.4423	-1.0575	-0.9174	-0.7822	*****	*****	*****	*****	*****
0.675	*****	-1.4459	-0.9584	-0.9198	-0.7704	*****	*****	*****	*****	*****
0.700	-1.5345	-1.4370	-0.8766	-0.9117	-0.7659	*****	*****	*****	*****	*****
0.725	*****	-1.4380	*****	-0.9114	-0.7626	*****	*****	*****	*****	*****
0.750	-1.5972	-1.4574	*****	-0.8823	-0.7512	*****	*****	*****	*****	*****
0.775	*****	-1.4863	-0.7744	-0.8707	-0.7382	*****	*****	*****	*****	*****
0.800	-1.4689	-1.4805	-0.7390	-0.8498	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4263	-0.7322	-0.8533	-0.7020	*****	*****	*****	*****	*****
0.850	-1.3191	-1.3761	-0.7316	-0.8307	-0.6765	*****	*****	*****	*****	*****
0.875	*****	-1.3500	-0.6988	-0.8192	-0.6534	*****	*****	*****	*****	*****
0.900	-1.3237	-1.3485	-0.6559	-0.8096	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3517	-0.6220	-0.7921	-0.6219	*****	*****	*****	*****	*****
0.950	-1.3272	-1.3490	-0.6058	-0.7772	-0.5668	*****	*****	*****	*****	*****
0.975	*****	-1.3478	-0.5927	-0.7584	-0.5303	*****	*****	*****	*****	*****
1.000	-1.3249	-1.3684	-0.6182	-0.7421	-0.4854	*****	*****	*****	*****	*****
-0.200	0.6251	0.5529	0.5203	*****	-0.4705	*****	*****	*****	*****	*****
-0.400	0.6219	0.5573	0.4839	0.2701	-0.5369	*****	*****	*****	*****	*****
-0.600	0.6195	0.5557	0.4774	0.2974	-0.5141	*****	*****	*****	*****	*****
-0.700	*****	0.5483	0.4756	0.3107	-0.4774	*****	*****	*****	*****	*****
-0.800	*****	*****	0.4617	0.3243	-0.4023	*****	*****	*****	*****	*****
-0.850	*****	0.4903	0.4446	0.3179	-0.3740	*****	*****	*****	*****	*****
-0.900	0.5087	0.4176	0.3978	0.2991	-0.3380	*****	*****	*****	*****	*****
-0.950	0.4213	0.1422	0.2534	0.2027	-0.1289	*****	*****	*****	*****	*****
-0.975	*****	0.0311	0.0736	0.0562	-0.1151	*****	*****	*****	*****	*****
-1.000	-1.3243	-1.3418	-0.7249	-0.7159	-0.4903	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 48, Point No. = 1039
 $C_N = 1.114$, $C_m = -0.1738$
 $\alpha = 24.7^\circ$, $M_\infty = 0.869$
 $R_{mac} = 59.3 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2181	*****
0.20	-1.3249	-1.3243
0.30	-1.3519	*****
0.40	-1.3684	-1.3418
0.50	-1.2911	*****
0.60	-0.6182	-0.7249
0.70	-0.7018	*****
0.80	-0.7421	-0.7159
0.90	-0.6180	*****
0.95	-0.4854	-0.4903

Surface Pressures

● upper, starboard
 ○ lower, port

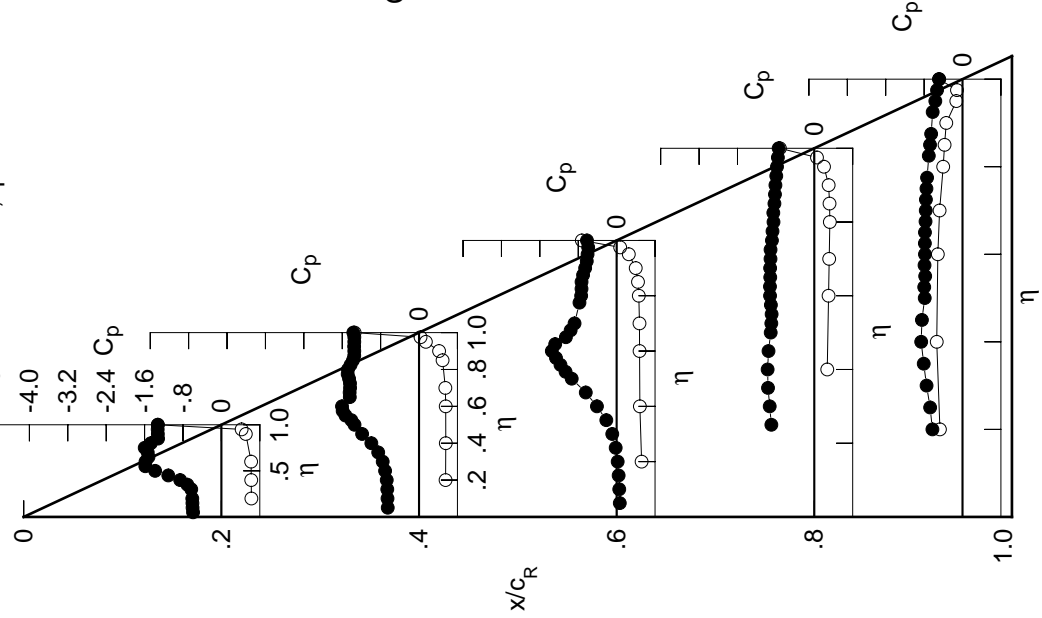


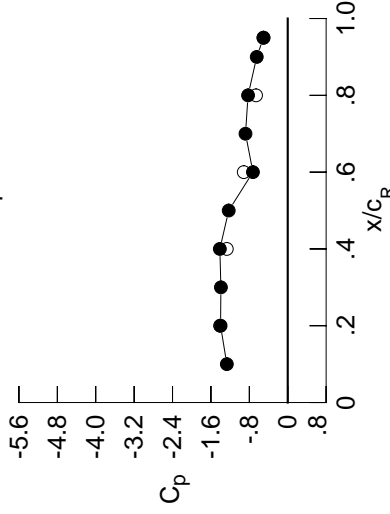
Table E5. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6880	-0.6848	-0.3268	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6847	-0.6986	-0.3025	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6948	-0.7245	-0.2831	*****	*****	*****	*****	*****	*****	*****
0.200	-0.7062	-0.7355	-0.2728	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.7855	-0.2892	-1.0158	-0.7109	*****	*****	*****	*****	*****
0.300	-0.7710	-0.8594	-0.3350	-1.0445	-0.7975	*****	*****	*****	*****	*****
0.350	-0.8889	-0.9765	-0.4365	-1.0755	-0.8545	*****	*****	*****	*****	*****
0.400	-1.0660	-1.1291	-0.5988	-1.0728	-0.8738	*****	*****	*****	*****	*****
0.450	-1.2833	-1.3086	-0.7755	-1.0319	-0.8293	*****	*****	*****	*****	*****
0.500	-1.4857	-1.4347	-1.0224	-0.9694	-0.7838	*****	*****	*****	*****	*****
0.525	*****	-1.4852	-1.1285	-0.9505	-0.7968	*****	*****	*****	*****	*****
0.550	-1.6330	-1.5909	-1.2040	-0.9395	-0.7861	*****	*****	*****	*****	*****
0.575	*****	-1.6372	-1.2667	-0.9546	-0.8061	*****	*****	*****	*****	*****
0.600	-1.4850	-1.6102	-1.2913	-0.9755	-0.8051	*****	*****	*****	*****	*****
0.625	*****	*****	-1.1761	-0.9766	-0.8117	*****	*****	*****	*****	*****
0.650	-1.4947	-1.4901	-1.0315	-0.9797	-0.8108	*****	*****	*****	*****	*****
0.675	*****	-1.4953	-0.9743	-0.9853	-0.7982	*****	*****	*****	*****	*****
0.700	-1.5222	-1.4930	-0.9365	-0.9834	-0.7923	*****	*****	*****	*****	*****
0.725	*****	-1.4963	*****	-0.9861	-0.7837	*****	*****	*****	*****	*****
0.750	-1.6040	-1.5106	*****	-0.9663	-0.7689	*****	*****	*****	*****	*****
0.775	*****	-1.5404	-0.8492	-0.9643	-0.7565	*****	*****	*****	*****	*****
0.800	-1.4685	-1.5558	-0.8276	-0.9506	*****	*****	*****	*****	*****	*****
0.825	*****	-1.5118	-0.8204	-0.9558	-0.7124	*****	*****	*****	*****	*****
0.850	-1.3832	-1.4409	-0.8296	-0.9351	-0.6869	*****	*****	*****	*****	*****
0.875	*****	-1.3923	-0.8135	-0.9208	-0.6625	*****	*****	*****	*****	*****
0.900	-1.4102	-1.3826	-0.7754	-0.9062	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3892	-0.7330	-0.8852	-0.6322	*****	*****	*****	*****	*****
0.950	-1.4040	-1.3915	-0.7149	-0.8669	-0.5852	*****	*****	*****	*****	*****
0.975	*****	-1.3886	-0.7044	-0.8469	-0.5481	*****	*****	*****	*****	*****
1.000	-1.3991	-1.4143	-0.7247	-0.8265	-0.5049	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.6785	0.5978	0.5556	*****	-0.4464	*****	*****	*****	*****	*****
-0.600	0.6730	0.6022	0.5192	0.3036	-0.5098	*****	*****	*****	*****	*****
-0.700	0.6646	0.5972	0.5104	0.3278	-0.4857	*****	*****	*****	*****	*****
-0.800	*****	0.5876	0.5062	0.3391	-0.4489	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4862	0.3499	-0.3731	*****	*****	*****	*****	*****
-0.900	*****	0.5127	0.4615	0.3406	-0.3464	*****	*****	*****	*****	*****
-0.950	0.5263	0.4287	0.4030	0.3139	-0.3121	*****	*****	*****	*****	*****
-0.975	0.4280	0.1311	0.2364	0.2016	-0.1194	*****	*****	*****	*****	*****
-1.000	*****	0.0146	0.0388	0.0435	-0.1203	*****	*****	*****	*****	*****
-1.000	-1.4087	-1.2693	-0.9159	-0.6601	-0.5052	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 48, Point No. = 1040
 $C_N = 1.181$, $C_m = -0.1811$
 $\alpha = 26.8^\circ$, $M_\infty = 0.870$
 $R_{mac} = 59.3 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.2690	*****
0.20	-1.3991	-1.4087
0.30	-1.3924	*****
0.40	-1.4143	-1.2693
0.50	-1.2293	*****
0.60	-0.7247	-0.9159
0.70	-0.8797	*****
0.80	-0.8265	-0.6601
0.90	-0.6460	*****
0.95	-0.5049	-0.5052

Surface Pressures

● upper, starboard
 ○ lower, port

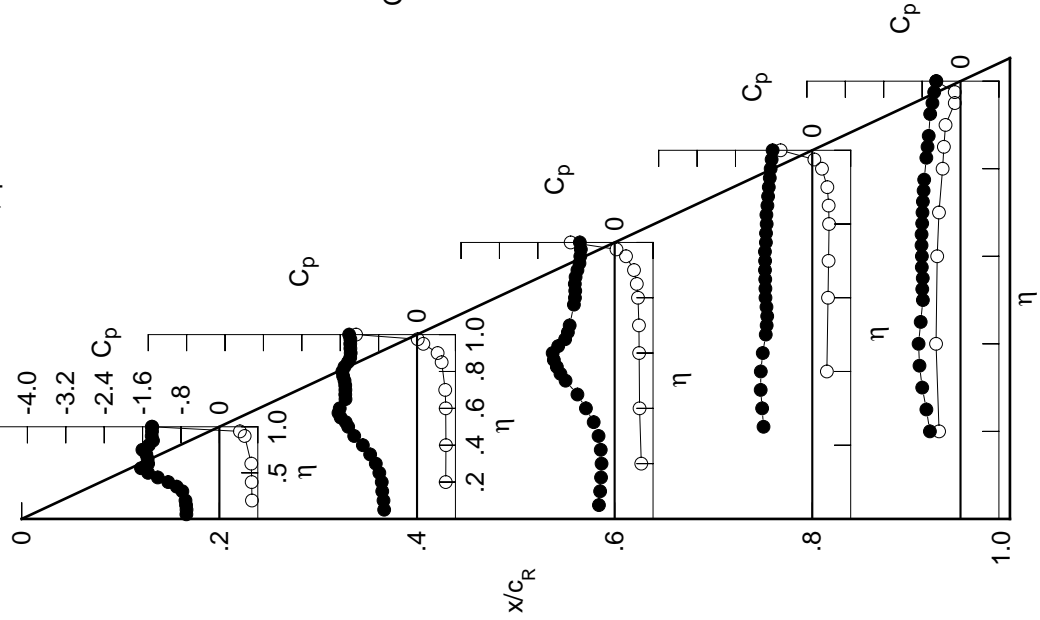


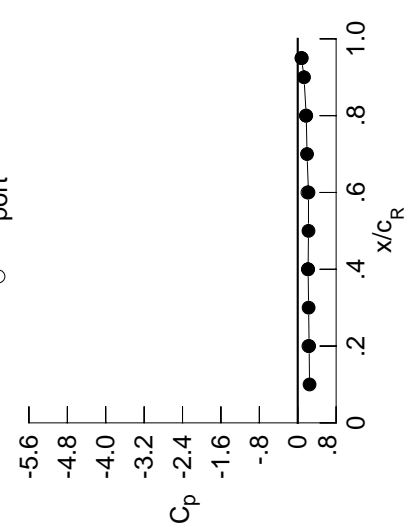
Table E5. Concluded.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0038	0.0079	0.1378	*****	*****
0.100	-0.0011	0.0076	0.1273	*****	*****
0.150	-0.0054	0.0069	0.1149	*****	*****
0.200	-0.0075	0.0112	0.1035	*****	-0.4309
0.250	*****	0.0057	0.0893	-0.1289	-0.6270
0.300	-0.0085	0.0060	0.0796	-0.1134	-0.7178
0.350	-0.0210	0.0038	0.0694	-0.1027	-0.7126
0.400	-0.0264	0.0027	0.0605	-0.0893	-0.6925
0.450	-0.0356	-0.0031	0.0687	-0.0832	-0.6614
0.500	-0.0390	-0.0018	0.0432	-0.0755	-0.6530
0.525	*****	-0.0052	0.0405	-0.0770	-0.6700
0.550	-0.0456	-0.0119	0.0369	-0.0718	-0.6698
0.575	*****	-0.0133	0.0434	-0.0711	-0.6832
0.600	-0.0469	-0.0169	0.0276	-0.0714	-0.6883
0.625	*****	*****	0.0285	-0.0677	-0.6972
0.650	-0.0455	-0.0214	0.0213	-0.0662	-0.7149
0.675	*****	-0.0301	0.0143	-0.0686	-0.7153
0.700	-0.0380	-0.0358	0.0124	-0.0676	-0.7247
0.725	*****	-0.0445	*****	-0.0670	-0.7245
0.750	-0.0272	-0.0502	*****	-0.0674	-0.7191
0.775	*****	-0.0562	-0.0109	-0.0744	-0.7124
0.800	-0.0041	-0.0572	-0.0234	-0.0814	*****
0.825	*****	-0.0573	-0.0342	-0.0814	-0.6973
0.850	0.0256	-0.0518	-0.0439	-0.0940	-0.6707
0.875	*****	-0.0393	-0.0471	-0.1074	-0.7301
0.900	0.0693	-0.0143	-0.0428	-0.1111	*****
0.925	*****	0.0167	-0.0244	-0.1015	-0.8815
0.950	0.1077	0.0457	0.0110	-0.0702	-0.3208
0.975	*****	0.0931	0.0813	-0.0059	-0.1710
1.000	0.2372	0.2163	0.2239	0.1772	0.0780
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0187	0.0048	0.1058	*****	-0.6451
-0.400	-0.0470	0.0025	0.0495	-0.0995	-0.6415
-0.600	-0.0713	-0.0182	0.0226	-0.0785	-0.6936
-0.700	*****	-0.0514	-0.0035	-0.0763	-0.7249
-0.800	*****	*****	-0.0479	-0.0891	-0.7064
-0.850	*****	-0.0781	-0.0718	-0.1219	-0.7169
-0.900	-0.0054	-0.0465	-0.0771	-0.1471	-0.5940
-0.950	0.0346	0.0214	-0.0205	-0.1066	-0.3529
-0.975	*****	0.0687	0.0353	-0.0398	-0.2092
-1.000	0.2229	0.2125	0.2020	0.1685	0.0821

Small Radius L.E.
 Run No. = 48, Point No. = 1041
 $C_N = -0.011$, $C_m = -0.0001$
 $\alpha = -0.3^\circ$, $M_\infty = 0.868$
 $R_{mac} = 59.8 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	0.2465	*****
0.20	0.2372	0.2229
0.30	0.2265	*****
0.40	0.2163	0.2125
0.50	0.2238	*****
0.60	0.2239	0.2020
0.70	0.1938	*****
0.80	0.1772	0.1685
0.90	0.1306	*****
0.95	0.0780	0.0821

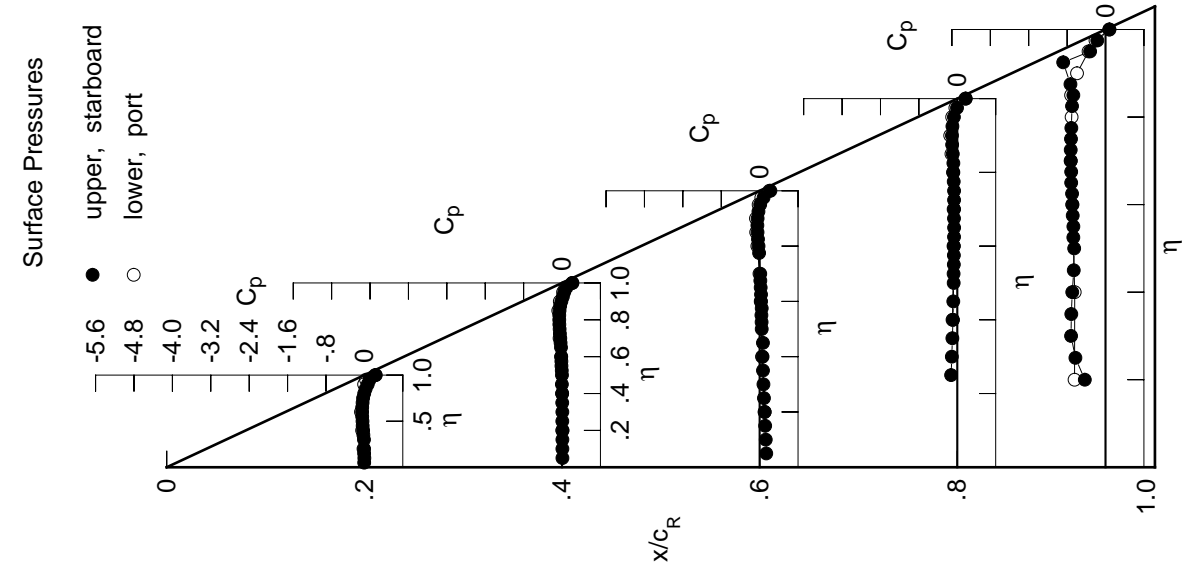


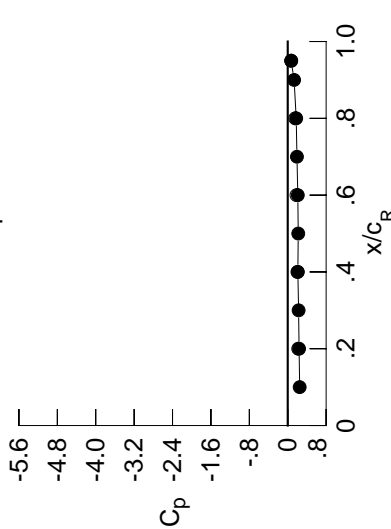
Table E6. Tabulations and Plots of Surface Pressure Coefficients.

η	x/c_R .2	$C_{p,u}$	x/c_R .4	$C_{p,u}$	x/c_R .6	$C_{p,u}$	x/c_R .8	$C_{p,u}$	x/c_R .95	$C_{p,u}$
0.050		0.0048	0.0165	0.1518	0.1518	0.1518	0.1518	0.1518	0.1518	0.1518
0.100		0.0073	0.0155	0.1429	0.1429	0.1429	0.1429	0.1429	0.1429	0.1429
0.150		0.0038	0.0152	0.1292	0.1292	0.1292	0.1292	0.1292	0.1292	0.1292
0.200		0.0012	0.0183	0.1186	0.1186	0.1186	0.1186	0.1186	0.1186	0.1186
0.250		0.0000	0.0135	0.1042	0.1042	0.1042	0.1042	0.1042	0.1042	0.1042
0.300		-0.0002	0.0150	0.0953	-0.1087	-0.6971	-0.6971	-0.6971	-0.6971	-0.6971
0.350		-0.0118	0.0116	0.0849	-0.0964	-0.6902	-0.6902	-0.6902	-0.6902	-0.6902
0.400		-0.0173	0.0113	0.0760	-0.0827	-0.6964	-0.6964	-0.6964	-0.6964	-0.6964
0.450		-0.0261	0.0057	0.0833	-0.0753	-0.6942	-0.6942	-0.6942	-0.6942	-0.6942
0.500		-0.0290	0.0074	0.0583	-0.0677	-0.6897	-0.6897	-0.6897	-0.6897	-0.6897
0.525		0.0000	0.0047	0.0551	-0.0683	-0.6897	-0.6897	-0.6897	-0.6897	-0.6897
0.550		-0.0348	-0.0021	0.0525	-0.0631	-0.6875	-0.6875	-0.6875	-0.6875	-0.6875
0.575		0.0000	-0.0036	0.0583	-0.0627	-0.6927	-0.6927	-0.6927	-0.6927	-0.6927
0.600		-0.0358	-0.0069	0.0433	-0.0621	-0.6900	-0.6900	-0.6900	-0.6900	-0.6900
0.625		0.0000	0.0000	0.0433	-0.0582	-0.6857	-0.6857	-0.6857	-0.6857	-0.6857
0.650		-0.0338	-0.0104	0.0378	-0.0566	-0.6823	-0.6823	-0.6823	-0.6823	-0.6823
0.675		0.0000	-0.0186	0.0300	-0.0587	-0.6732	-0.6732	-0.6732	-0.6732	-0.6732
0.700		-0.0250	-0.0245	0.0288	-0.0573	-0.6790	-0.6790	-0.6790	-0.6790	-0.6790
0.725		0.0000	-0.0320	0.0000	-0.0555	-0.6745	-0.6745	-0.6745	-0.6745	-0.6745
0.750		-0.0132	-0.0372	0.0000	-0.0555	-0.6698	-0.6698	-0.6698	-0.6698	-0.6698
0.775		0.0000	-0.0418	0.0065	-0.0625	-0.6627	-0.6627	-0.6627	-0.6627	-0.6627
0.800		0.0100	-0.0422	-0.0050	-0.0691	0.0000	0.0000	0.0000	0.0000	0.0000
0.825		0.0000	-0.0407	-0.0151	-0.0681	-0.6602	-0.6602	-0.6602	-0.6602	-0.6602
0.850		0.0401	-0.0346	-0.0234	-0.0779	-0.6398	-0.6398	-0.6398	-0.6398	-0.6398
0.875		0.0000	-0.0203	-0.0258	-0.0903	-0.6783	-0.6783	-0.6783	-0.6783	-0.6783
0.900		0.0852	0.0031	-0.0203	-0.0919	0.0000	0.0000	0.0000	0.0000	0.0000
0.925		0.0000	0.0364	0.0003	-0.0795	-0.8088	-0.8088	-0.8088	-0.8088	-0.8088
0.950		0.1232	0.0660	0.0371	-0.0465	-0.2819	-0.2819	-0.2819	-0.2819	-0.2819
0.975		0.0000	0.1134	0.1074	0.0179	-0.1412	-0.1412	-0.1412	-0.1412	-0.1412
1.000		0.2361	0.2107	0.2099	0.1766	0.0713	0.0713	0.0713	0.0713	0.0713
-0.200		-0.0237	0.0014	0.1123	0.1123	0.1123	0.1123	0.1123	0.1123	0.1123
-0.400		-0.0533	-0.0016	0.0555	-0.1025	-0.7102	-0.7102	-0.7102	-0.7102	-0.7102
-0.600		-0.0792	-0.0230	0.0255	-0.0804	-0.7066	-0.7066	-0.7066	-0.7066	-0.7066
-0.700		0.0000	-0.0590	-0.0012	-0.0791	-0.6913	-0.6913	-0.6913	-0.6913	-0.6913
-0.800		0.0000	0.0000	-0.0501	-0.0939	-0.6688	-0.6688	-0.6688	-0.6688	-0.6688
-0.850		0.0000	-0.0916	-0.0779	-0.1288	-0.6827	-0.6827	-0.6827	-0.6827	-0.6827
-0.900		-0.0165	-0.0622	-0.0869	-0.1592	-0.5137	-0.5137	-0.5137	-0.5137	-0.5137
-0.950		0.0222	0.0159	-0.0342	-0.1231	-0.3361	-0.3361	-0.3361	-0.3361	-0.3361
-0.975		0.0000	0.0512	0.0194	-0.0585	-0.2119	-0.2119	-0.2119	-0.2119	-0.2119
-1.000		0.2187	0.2023	0.1826	0.1558	0.0739	0.0739	0.0739	0.0739	0.0739

Small Radius L.E.
 Run No. = 49, Point No. = 1042
 $C_N = -0.024$, $C_m = 0.0023$
 $\alpha = -0.7^\circ$, $M_\infty = 0.899$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2491	0.2187
0.20	0.2361	0.2023
0.30	0.2265	0.1826
0.40	0.2107	0.1922
0.50	0.2190	0.1558
0.60	0.2099	0.1327
0.70	0.1922	0.0713
0.80	0.1766	0.0713
0.90	0.1327	0.0713
0.95	0.0713	0.0713

Surface Pressures

● upper, starboard
 ○ lower, port

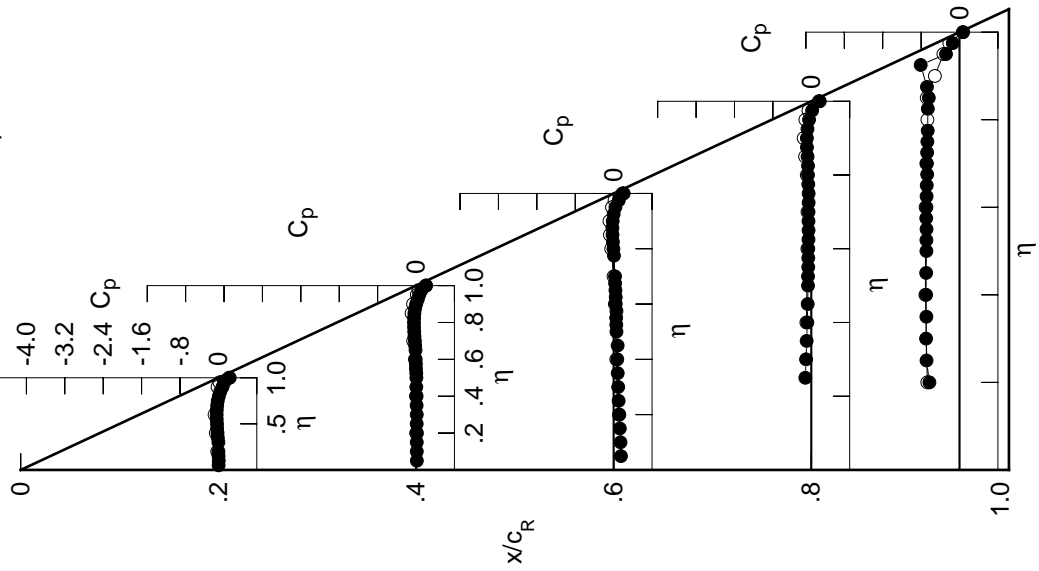


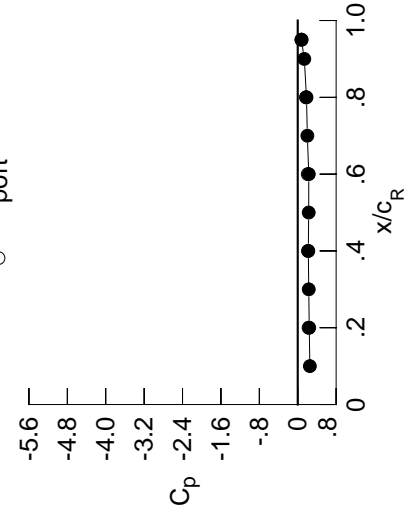
Table E6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,i}$	$C_{p,i}$
0.050	-0.0012	0.0106	0.1478	*****	*****	*****	*****	*****	*****	*****
0.100	0.0011	0.0098	0.1390	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0024	0.0096	0.1255	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0054	0.0131	0.1148	*****	*****	*****	*****	*****	*****	*****
0.250	*****	0.0076	0.0999	-0.1282	-0.6859	*****	*****	*****	*****	*****
0.300	-0.0063	0.0089	0.0914	-0.1135	-0.6966	*****	*****	*****	*****	*****
0.350	-0.0184	0.0054	0.0798	-0.1014	-0.6896	*****	*****	*****	*****	*****
0.400	-0.0241	0.0048	0.0723	-0.0874	-0.6966	*****	*****	*****	*****	*****
0.450	-0.0334	0.0006	0.0792	-0.0806	-0.6944	*****	*****	*****	*****	*****
0.500	-0.0372	0.0005	0.0539	-0.0725	-0.6904	*****	*****	*****	*****	*****
0.525	*****	-0.0021	0.0505	-0.0740	-0.6898	*****	*****	*****	*****	*****
0.550	-0.0439	-0.0091	0.0467	-0.0685	-0.6883	*****	*****	*****	*****	*****
0.575	*****	-0.0104	0.0525	-0.0679	-0.6929	*****	*****	*****	*****	*****
0.600	-0.0449	-0.0140	0.0374	-0.0676	-0.6904	*****	*****	*****	*****	*****
0.625	*****	*****	0.0374	-0.0630	-0.6867	*****	*****	*****	*****	*****
0.650	-0.0437	-0.0186	0.0313	-0.0619	-0.6837	*****	*****	*****	*****	*****
0.675	*****	-0.0266	0.0238	-0.0652	-0.6744	*****	*****	*****	*****	*****
0.700	-0.0356	-0.0341	0.0217	-0.0636	-0.6808	*****	*****	*****	*****	*****
0.725	*****	-0.0421	*****	-0.0621	-0.6758	*****	*****	*****	*****	*****
0.750	-0.0245	-0.0479	*****	-0.0626	-0.6725	*****	*****	*****	*****	*****
0.775	*****	-0.0542	-0.0019	-0.0695	-0.6644	*****	*****	*****	*****	*****
0.800	-0.0014	-0.0549	-0.0146	-0.0770	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0549	-0.0264	-0.0769	-0.6633	*****	*****	*****	*****	*****
0.850	0.0285	-0.0486	-0.0356	-0.0885	-0.6447	*****	*****	*****	*****	*****
0.875	*****	-0.0354	-0.0406	-0.1030	-0.6839	*****	*****	*****	*****	*****
0.900	0.0733	-0.0131	-0.0354	-0.1065	*****	*****	*****	*****	*****	*****
0.925	*****	0.0193	-0.0171	-0.0965	-0.8096	*****	*****	*****	*****	*****
0.950	0.1108	0.0492	0.0192	-0.0659	-0.2919	*****	*****	*****	*****	*****
0.975	*****	0.0970	0.0886	-0.0011	-0.1556	*****	*****	*****	*****	*****
1.000	0.2396	0.2204	0.2300	0.1823	0.0763	*****	*****	*****	*****	*****
-0.200	-0.0181	0.0073	0.1167	*****	-0.6680	*****	*****	*****	*****	*****
-0.400	-0.0454	0.0046	0.0610	-0.0975	-0.7082	*****	*****	*****	*****	*****
-0.600	-0.0697	-0.0145	0.0317	-0.0740	-0.7021	*****	*****	*****	*****	*****
-0.700	*****	-0.0495	0.0067	-0.0718	-0.6873	*****	*****	*****	*****	*****
-0.800	*****	*****	-0.0392	-0.0851	-0.6621	*****	*****	*****	*****	*****
-0.850	*****	-0.0764	-0.0640	-0.1169	-0.6759	*****	*****	*****	*****	*****
-0.900	-0.0030	-0.0421	-0.0690	-0.1427	-0.5278	*****	*****	*****	*****	*****
-0.950	0.0361	0.0252	-0.0132	-0.1023	-0.3233	*****	*****	*****	*****	*****
-0.975	*****	0.0714	0.0424	-0.0358	-0.1940	*****	*****	*****	*****	*****
-1.000	0.2266	0.2153	0.2091	0.1714	0.0812	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 49, Point No. = 1043
 $C_N = -0.010$, $C_m = -0.0006$
 $\alpha = -0.4^\circ$, $M_\infty = 0.901$
 $R_{mac} = 59.8 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2527	*****
0.20	0.2396	0.2266
0.30	0.2297	*****
0.40	0.2204	0.2153
0.50	0.2284	*****
0.60	0.2300	0.2091
0.70	0.2005	*****
0.80	0.1823	0.1714
0.90	0.1370	*****
0.95	0.0763	0.0812

Surface Pressures

● upper, starboard
 ○ lower, port

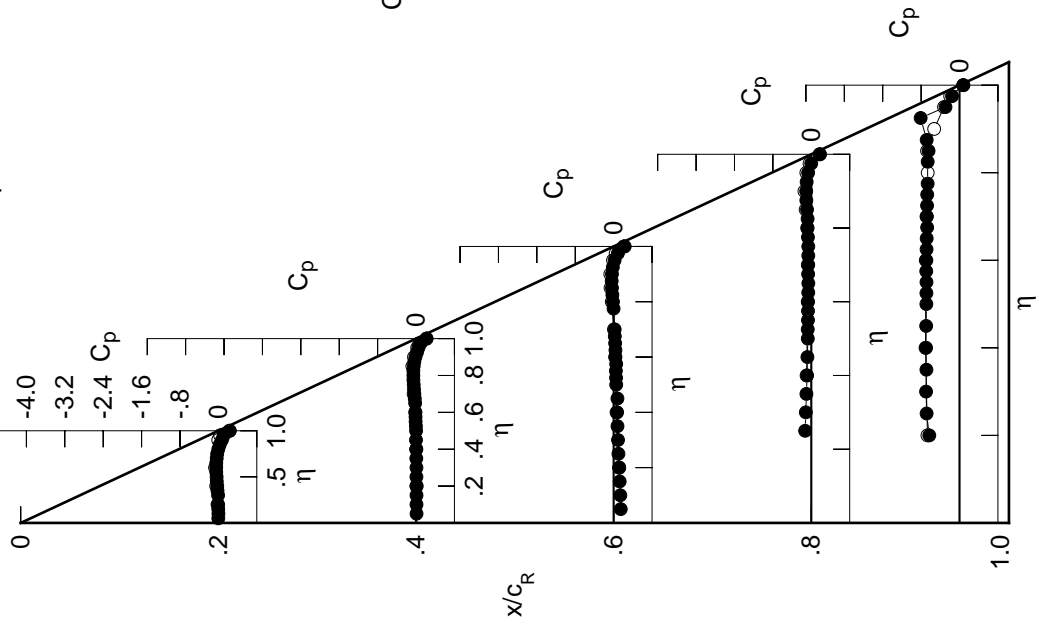


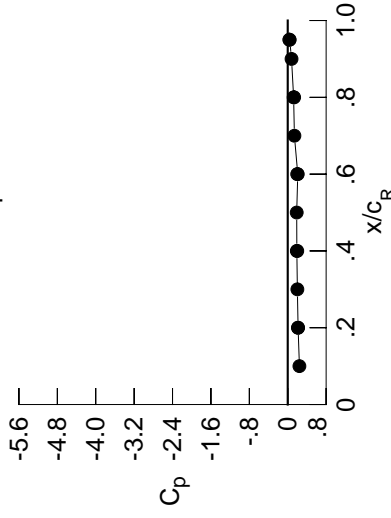
Table E6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0197	-0.0069	0.1367	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0165	-0.0075	0.1256	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0221	-0.0072	0.1136	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0234	-0.0048	0.1015	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0099	0.0883	-0.1418	-0.6914	*****	*****	*****	*****	*****
0.300	-0.0247	-0.0089	0.0773	-0.1274	-0.7009	*****	*****	*****	*****	*****
0.350	-0.0391	-0.0133	0.0671	-0.1147	-0.6958	*****	*****	*****	*****	*****
0.400	-0.0458	-0.0136	0.0573	-0.1013	-0.7015	*****	*****	*****	*****	*****
0.450	-0.0570	-0.0204	0.0635	-0.0945	-0.7013	*****	*****	*****	*****	*****
0.500	-0.0624	-0.0195	0.0379	-0.0880	-0.6982	*****	*****	*****	*****	*****
0.525	*****	-0.0234	0.0341	-0.0889	-0.6977	*****	*****	*****	*****	*****
0.550	-0.0710	-0.0308	0.0301	-0.0841	-0.6969	*****	*****	*****	*****	*****
0.575	*****	-0.0338	0.0352	-0.0845	-0.7017	*****	*****	*****	*****	*****
0.600	-0.0743	-0.0383	0.0189	-0.0837	-0.7003	*****	*****	*****	*****	*****
0.625	*****	*****	0.0188	-0.0822	-0.6956	*****	*****	*****	*****	*****
0.650	-0.0751	-0.0447	0.0105	-0.0803	-0.6930	*****	*****	*****	*****	*****
0.675	*****	-0.0547	0.0035	-0.0843	-0.6850	*****	*****	*****	*****	*****
0.700	-0.0697	-0.0636	-0.0012	-0.0836	-0.6908	*****	*****	*****	*****	*****
0.725	*****	-0.0739	*****	-0.0840	-0.6875	*****	*****	*****	*****	*****
0.750	-0.0616	-0.0823	*****	-0.0848	-0.6840	*****	*****	*****	*****	*****
0.775	*****	-0.0918	-0.0310	-0.0946	-0.6793	*****	*****	*****	*****	*****
0.800	-0.0402	-0.0964	-0.0463	-0.1039	*****	*****	*****	*****	*****	*****
0.825	*****	-0.0984	-0.0637	-0.1067	-0.6802	*****	*****	*****	*****	*****
0.850	-0.0115	-0.0959	-0.0783	-0.1251	-0.6644	*****	*****	*****	*****	*****
0.875	*****	-0.0851	-0.0875	-0.1440	-0.6632	*****	*****	*****	*****	*****
0.900	0.0318	-0.0648	-0.0900	-0.1564	*****	*****	*****	*****	*****	*****
0.925	*****	-0.0347	-0.0753	-0.1539	-0.8196	*****	*****	*****	*****	*****
0.950	0.0672	-0.0078	-0.0445	-0.1298	-0.3302	*****	*****	*****	*****	*****
0.975	*****	0.0360	0.0219	-0.0731	-0.2101	*****	*****	*****	*****	*****
1.000	0.2159	0.1898	0.2089	0.1229	0.0410	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.0048	0.0265	0.1304	*****	-0.6647	*****	*****	*****	*****
-0.400	$C_{p,l}$	-0.0210	0.0242	0.0759	-0.0803	-0.7036	*****	*****	*****	*****
-0.600	$C_{p,l}$	-0.0384	0.0103	0.0514	-0.0564	-0.6960	*****	*****	*****	*****
-0.700	$C_{p,l}$	*****	-0.0180	0.0295	-0.0494	-0.6783	*****	*****	*****	*****
-0.800	$C_{p,l}$	*****	*****	-0.0061	-0.0548	-0.6483	*****	*****	*****	*****
-0.850	$C_{p,l}$	*****	-0.0294	-0.0226	-0.0812	-0.6562	*****	*****	*****	*****
-0.900	$C_{p,l}$	0.0374	0.0076	-0.0165	-0.0930	-0.6457	*****	*****	*****	*****
-0.950	$C_{p,l}$	0.0775	0.0528	0.0471	-0.0399	-0.2878	*****	*****	*****	*****
-0.975	$C_{p,l}$	*****	0.1266	0.1057	0.0301	-0.1448	*****	*****	*****	*****
-1.000	$C_{p,l}$	0.2124	0.1982	0.1964	0.1338	0.0330	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 49, Point No. = 1044
 $C_N = 0.035$, $C_m = -0.0096$
 $\alpha = 0.7^\circ$, $M_\infty = 0.899$
 $R_{mac} = 59.8 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2436	*****
0.20	0.2159	0.2124
0.30	0.2007	*****
0.40	0.1898	0.1982
0.50	0.1870	*****
0.60	0.2089	0.1964
0.70	0.1390	*****
0.80	0.1229	0.1338
0.90	0.0792	*****
0.95	0.0410	0.0330

Surface Pressures

● upper, starboard
 ○ lower, port

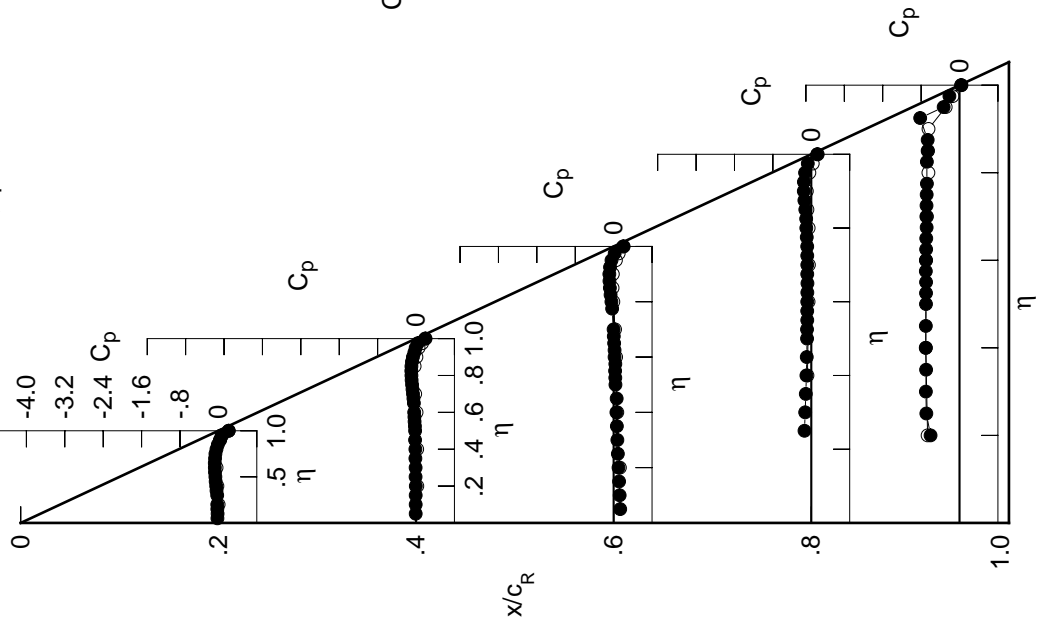
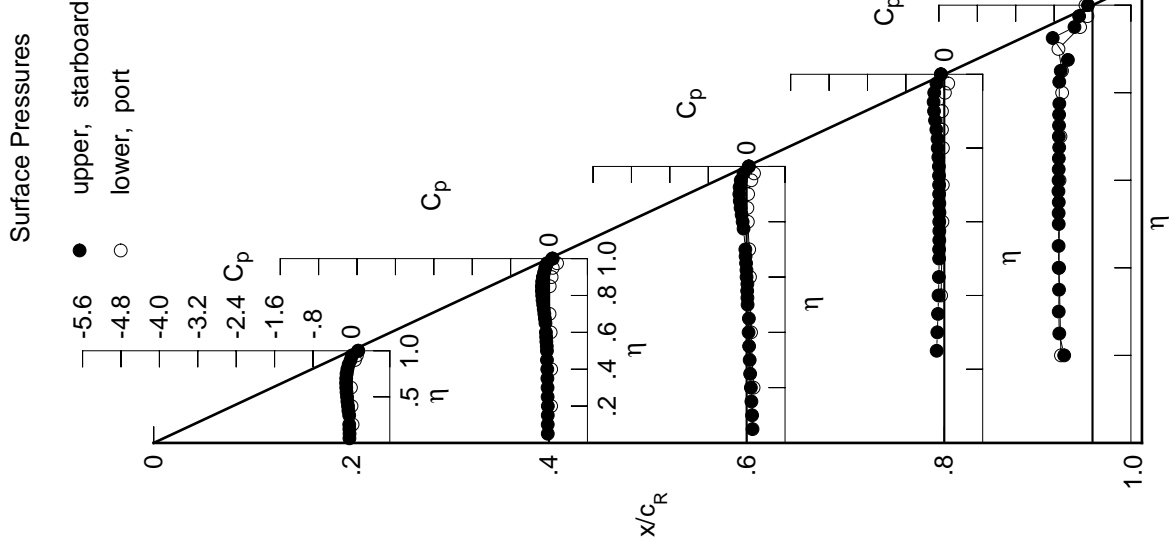


Table E6. Continued.

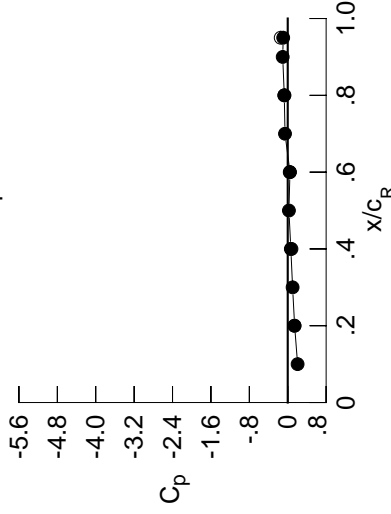
η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0405	-0.0261	0.1221	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0381	-0.0273	0.1137	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0423	-0.0265	0.0996	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0448	-0.0249	0.0882	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0294	0.0728	-0.1587	-0.6923	*****	*****	*****	*****	*****
0.300	-0.0460	-0.0305	0.0631	-0.1449	-0.7038	*****	*****	*****	*****	*****
0.350	-0.0621	-0.0341	0.0513	-0.1314	-0.6979	*****	*****	*****	*****	*****
0.400	-0.0706	-0.0368	0.0409	-0.1196	-0.7052	*****	*****	*****	*****	*****
0.450	-0.0833	-0.0429	0.0464	-0.1129	-0.7066	*****	*****	*****	*****	*****
0.500	-0.0906	-0.0438	0.0199	-0.1069	-0.7038	*****	*****	*****	*****	*****
0.525	*****	-0.0476	0.0156	-0.1081	-0.7054	*****	*****	*****	*****	*****
0.550	-0.1014	-0.0561	0.0113	-0.1040	-0.7030	*****	*****	*****	*****	*****
0.575	*****	-0.0601	0.0153	-0.1035	-0.7097	*****	*****	*****	*****	*****
0.600	-0.1073	-0.0651	-0.0017	-0.1049	-0.7071	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0030	-0.1012	-0.7041	*****	*****	*****	*****	*****
0.650	-0.1105	-0.0740	-0.0117	-0.1029	-0.7013	*****	*****	*****	*****	*****
0.675	*****	-0.0861	-0.0215	-0.1070	-0.6943	*****	*****	*****	*****	*****
0.700	-0.1077	-0.0978	-0.0272	-0.1080	-0.7012	*****	*****	*****	*****	*****
0.725	*****	-0.1105	*****	-0.1092	-0.6973	*****	*****	*****	*****	*****
0.750	-0.1016	-0.1215	*****	-0.1119	-0.6960	*****	*****	*****	*****	*****
0.775	*****	-0.1342	-0.0639	-0.1239	-0.6916	*****	*****	*****	*****	*****
0.800	-0.0838	-0.1423	-0.0836	-0.1364	*****	*****	*****	*****	*****	*****
0.825	*****	-0.1488	-0.1048	-0.1416	-0.6927	*****	*****	*****	*****	*****
0.850	-0.0577	-0.1499	-0.1267	-0.1654	-0.6619	*****	*****	*****	*****	*****
0.875	*****	-0.1434	-0.1432	-0.1931	-0.5129	*****	*****	*****	*****	*****
0.900	-0.0170	-0.1287	-0.1519	-0.2140	*****	*****	*****	*****	*****	*****
0.925	*****	-0.1020	-0.1463	-0.2226	-0.8297	*****	*****	*****	*****	*****
0.950	0.0136	-0.0785	-0.1222	-0.2093	-0.3761	*****	*****	*****	*****	*****
0.975	*****	-0.0417	-0.0644	-0.1633	-0.2788	*****	*****	*****	*****	*****
1.000	0.1436	0.0647	0.0464	-0.0719	-0.0942	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.0246	0.0435	0.1438	*****	-0.6579	*****	*****	*****	*****	*****
-0.600	0.0021	0.0437	0.0910	-0.0664	-0.6970	*****	*****	*****	*****	*****
-0.700	-0.0094	0.0336	0.0693	-0.0394	-0.6874	*****	*****	*****	*****	*****
-0.800	*****	0.0106	0.0525	-0.0314	-0.6676	*****	*****	*****	*****	*****
-0.850	*****	*****	0.0247	-0.0291	-0.6324	*****	*****	*****	*****	*****
-0.900	*****	0.0137	0.0150	-0.0486	-0.6358	*****	*****	*****	*****	*****
-0.950	0.0742	0.0537	0.0303	-0.0486	-0.7099	*****	*****	*****	*****	*****
-0.975	0.1142	0.0774	0.0973	0.0130	-0.2581	*****	*****	*****	*****	*****
-1.000	*****	0.1674	0.1535	0.0813	-0.1054	*****	*****	*****	*****	*****
	0.1395	0.0779	0.0419	-0.0691	-0.1461	*****	*****	*****	*****	*****



Small Radius L.E.
 Run No. = 49, Point No. = 1045
 $C_N = 0.077$, $C_m = -0.0154$
 $\alpha = 1.8^\circ$, $M_\infty = 0.900$
 $R_{mac} = 60.0 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2054	*****
0.20	0.1436	0.1395
0.30	0.1013	*****
0.40	0.0647	0.0779
0.50	0.0246	*****
0.60	0.0464	0.0419
0.70	-0.0568	*****
0.80	-0.0719	-0.0691
0.90	-0.1044	*****
0.95	-0.0942	-0.1461

Table E6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0540	-0.0380	0.1149	0.1149	0.1149	0.1149	0.1149	0.1149	0.1149	0.1149
0.100	-0.0523	-0.0398	0.1064	0.1064	0.1064	0.1064	0.1064	0.1064	0.1064	0.1064
0.150	-0.0561	-0.0389	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923	0.0923
0.200	-0.0590	-0.0371	0.0808	0.0808	0.0808	0.0808	0.0808	0.0808	0.0808	0.0808
0.250	*****	-0.0433	0.0641	-0.1684	-0.1684	-0.1684	-0.1684	-0.1684	-0.1684	-0.1684
0.300	-0.0646	-0.0435	0.0549	-0.1545	-0.1545	-0.1545	-0.1545	-0.1545	-0.1545	-0.1545
0.350	-0.0821	-0.0480	0.0428	-0.1427	-0.1427	-0.1427	-0.1427	-0.1427	-0.1427	-0.1427
0.400	-0.0922	-0.0509	0.0323	-0.1297	-0.1297	-0.1297	-0.1297	-0.1297	-0.1297	-0.1297
0.450	-0.1064	-0.0581	0.0366	-0.1237	-0.1237	-0.1237	-0.1237	-0.1237	-0.1237	-0.1237
0.500	-0.1160	-0.0595	0.0084	-0.1180	-0.1180	-0.1180	-0.1180	-0.1180	-0.1180	-0.1180
0.525	*****	-0.0643	0.0041	-0.1197	-0.1197	-0.1197	-0.1197	-0.1197	-0.1197	-0.1197
0.550	-0.1288	-0.0741	-0.0016	-0.1159	-0.1159	-0.1159	-0.1159	-0.1159	-0.1159	-0.1159
0.575	*****	-0.0795	0.0015	-0.1171	-0.1171	-0.1171	-0.1171	-0.1171	-0.1171	-0.1171
0.600	-0.1372	-0.0851	0.0150	-0.1177	-0.1177	-0.1177	-0.1177	-0.1177	-0.1177	-0.1177
0.625	*****	*****	-0.0185	-0.1190	-0.1190	-0.1190	-0.1190	-0.1190	-0.1190	-0.1190
0.650	-0.1431	-0.1016	-0.0279	-0.1197	-0.1197	-0.1197	-0.1197	-0.1197	-0.1197	-0.1197
0.675	*****	-0.1160	-0.0387	-0.1253	-0.1253	-0.1253	-0.1253	-0.1253	-0.1253	-0.1253
0.700	-0.1432	-0.1294	-0.0449	-0.1270	-0.1270	-0.1270	-0.1270	-0.1270	-0.1270	-0.1270
0.725	*****	-0.1451	*****	-0.1303	-0.1303	-0.1303	-0.1303	-0.1303	-0.1303	-0.1303
0.750	-0.1408	-0.1601	*****	-0.1345	-0.1345	-0.1345	-0.1345	-0.1345	-0.1345	-0.1345
0.775	*****	-0.1750	-0.0947	-0.1495	-0.1495	-0.1495	-0.1495	-0.1495	-0.1495	-0.1495
0.800	-0.1264	-0.1873	-0.1185	-0.1647	-0.1647	-0.1647	-0.1647	-0.1647	-0.1647	-0.1647
0.825	*****	-0.1978	-0.1464	-0.1747	-0.1747	-0.1747	-0.1747	-0.1747	-0.1747	-0.1747
0.850	-0.1032	-0.2037	-0.1742	-0.2053	-0.2053	-0.2053	-0.2053	-0.2053	-0.2053	-0.2053
0.875	*****	-0.2022	-0.1990	-0.2409	-0.2409	-0.2409	-0.2409	-0.2409	-0.2409	-0.2409
0.900	-0.0665	-0.1910	-0.2157	-0.2731	-0.2731	-0.2731	-0.2731	-0.2731	-0.2731	-0.2731
0.925	*****	-0.1718	-0.2194	-0.2934	-0.2934	-0.2934	-0.2934	-0.2934	-0.2934	-0.2934
0.950	-0.0426	-0.1541	-0.2057	-0.2915	-0.2915	-0.2915	-0.2915	-0.2915	-0.2915	-0.2915
0.975	*****	-0.1292	-0.1626	-0.2628	-0.2628	-0.2628	-0.2628	-0.2628	-0.2628	-0.2628
1.000	0.0293	-0.1423	-0.2096	-0.4035	-0.4035	-0.4035	-0.4035	-0.4035	-0.4035	-0.4035
-0.200	$C_{p,l}$	0.0487	0.0645	0.1603	0.1603	0.1603	0.1603	0.1603	0.1603	0.1603
-0.400	$C_{p,l}$	0.0262	0.0672	0.1084	-0.0488	-0.0488	-0.0488	-0.0488	-0.0488	-0.0488
-0.600	$C_{p,l}$	0.0208	0.0599	0.0901	-0.0198	-0.0198	-0.0198	-0.0198	-0.0198	-0.0198
-0.700	$C_{p,l}$	*****	0.0392	0.0769	-0.0089	-0.0089	-0.0089	-0.0089	-0.0089	-0.0089
-0.800	$C_{p,l}$	*****	*****	0.0537	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009
-0.850	$C_{p,l}$	*****	0.0544	0.0502	-0.0178	-0.0178	-0.0178	-0.0178	-0.0178	-0.0178
-0.900	$C_{p,l}$	0.1095	0.0952	0.0718	-0.0089	-0.0089	-0.0089	-0.0089	-0.0089	-0.0089
-0.950	$C_{p,l}$	0.1475	0.0999	0.1387	0.0573	0.0573	0.0573	0.0573	0.0573	0.0573
-0.975	$C_{p,l}$	*****	0.1969	0.1875	0.1200	0.1200	0.1200	0.1200	0.1200	0.1200
-1.000	$C_{p,l}$	0.0128	-0.1363	-0.2195	-0.4374	-0.4374	-0.4374	-0.4374	-0.4374	-0.4374

Small Radius L.E.
 Run No. = 49, Point No. = 1046
 $C_N = 0.121$, $C_m = -0.0244$
 $\alpha = 2.9^\circ$, $M_\infty = 0.899$
 $R_{mac} = 59.9 \times 10^6$

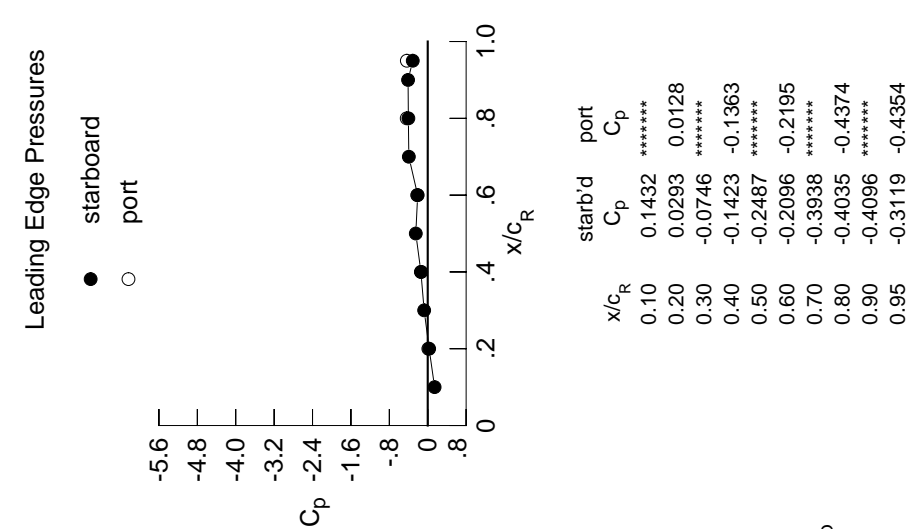


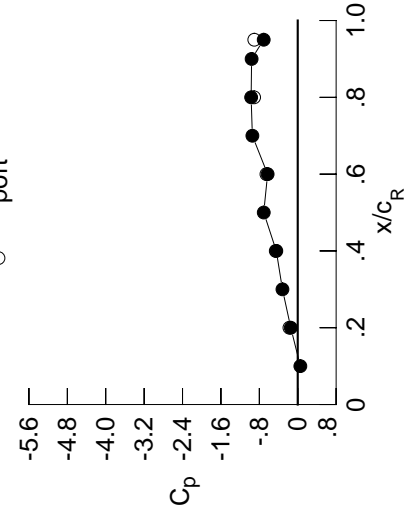
Table E6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,l}$	$C_{p,l}$
0.050	-0.0716	-0.0555	0.1047	*****	*****	*****	*****	*****	*****	*****
0.100	-0.0695	-0.0562	0.0950	*****	*****	*****	*****	*****	*****	*****
0.150	-0.0747	-0.0566	0.0819	*****	*****	*****	*****	*****	*****	*****
0.200	-0.0763	-0.0537	0.0691	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.0612	0.0543	-0.1854	-0.6839	*****	*****	*****	*****	*****
0.300	-0.0826	-0.0613	0.0418	-0.1702	-0.6969	*****	*****	*****	*****	*****
0.350	-0.1011	-0.0676	0.0304	-0.1584	-0.6928	*****	*****	*****	*****	*****
0.400	-0.1129	-0.0688	0.0181	-0.1456	-0.7043	*****	*****	*****	*****	*****
0.450	-0.1290	-0.0791	0.0230	-0.1403	-0.7037	*****	*****	*****	*****	*****
0.500	-0.1402	-0.0805	-0.0068	-0.1349	-0.7086	*****	*****	*****	*****	*****
0.525	*****	-0.0868	-0.0120	-0.1375	-0.7115	*****	*****	*****	*****	*****
0.550	-0.1557	-0.0977	-0.0181	-0.1340	-0.7113	*****	*****	*****	*****	*****
0.575	*****	-0.1024	-0.0158	-0.1357	-0.7172	*****	*****	*****	*****	*****
0.600	-0.1670	-0.1107	-0.0344	-0.1375	-0.7166	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0372	-0.1392	-0.7135	*****	*****	*****	*****	*****
0.650	-0.1758	-0.1285	-0.0487	-0.1403	-0.7132	*****	*****	*****	*****	*****
0.675	*****	-0.1450	-0.0604	-0.1473	-0.7058	*****	*****	*****	*****	*****
0.700	-0.1794	-0.1604	-0.0685	-0.1502	-0.7142	*****	*****	*****	*****	*****
0.725	*****	-0.1798	*****	-0.1545	-0.7121	*****	*****	*****	*****	*****
0.750	-0.1810	-0.1972	*****	-0.1621	-0.7124	*****	*****	*****	*****	*****
0.775	*****	-0.2162	-0.1253	-0.1787	-0.7118	*****	*****	*****	*****	*****
0.800	-0.1691	-0.2327	-0.1540	-0.1972	*****	*****	*****	*****	*****	*****
0.825	*****	-0.2487	-0.1869	-0.2106	-0.6351	*****	*****	*****	*****	*****
0.850	-0.1503	-0.2597	-0.2216	-0.2472	-0.4367	*****	*****	*****	*****	*****
0.875	*****	-0.2643	-0.2540	-0.2920	-0.3866	*****	*****	*****	*****	*****
0.900	-0.1192	-0.2592	-0.2827	-0.3357	*****	*****	*****	*****	*****	*****
0.925	*****	-0.2474	-0.2987	-0.3677	-0.7308	*****	*****	*****	*****	*****
0.950	-0.1050	-0.2372	-0.3019	-0.3806	-0.4928	*****	*****	*****	*****	*****
0.975	*****	-0.2295	-0.2871	-0.3760	-0.4564	*****	*****	*****	*****	*****
1.000	-0.1446	-0.4465	-0.6274	-0.9708	-0.7091	*****	*****	*****	*****	*****
-0.200	0.0703	0.0835	0.1749	*****	-0.6398	*****	*****	*****	*****	*****
-0.400	0.0507	0.0869	0.1246	-0.0338	-0.6789	*****	*****	*****	*****	*****
-0.600	0.0500	0.0831	0.1085	-0.0027	-0.6657	*****	*****	*****	*****	*****
-0.700	*****	0.0670	0.0969	0.0093	-0.6446	*****	*****	*****	*****	*****
-0.800	*****	*****	0.0817	0.0220	-0.5998	*****	*****	*****	*****	*****
-0.850	*****	0.0906	0.0827	0.0110	-0.5970	*****	*****	*****	*****	*****
-0.900	0.1406	0.1306	0.1093	0.0273	-0.6380	*****	*****	*****	*****	*****
-0.950	0.1765	0.1186	0.1713	0.0934	-0.2141	*****	*****	*****	*****	*****
-0.975	*****	0.2145	0.2098	0.1470	-0.0576	*****	*****	*****	*****	*****
-1.000	-0.1731	-0.4577	-0.6520	-0.9092	-0.9047	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 49, Point No. = 1047
 $C_N = 0.166$, $C_m = -0.0331$
 $\alpha = 3.9^\circ$, $M_\infty = 0.901$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.0548	*****
0.20	-0.1446	-0.1731
0.30	-0.3184	*****
0.40	-0.4465	-0.4577
0.50	-0.7083	*****
0.60	-0.6274	-0.6520
0.70	-0.9451	*****
0.80	-0.9708	-0.9092
0.90	-0.9610	*****
0.95	-0.7091	-0.9047

Surface Pressures
 ● upper, starboard
 ○ lower, port

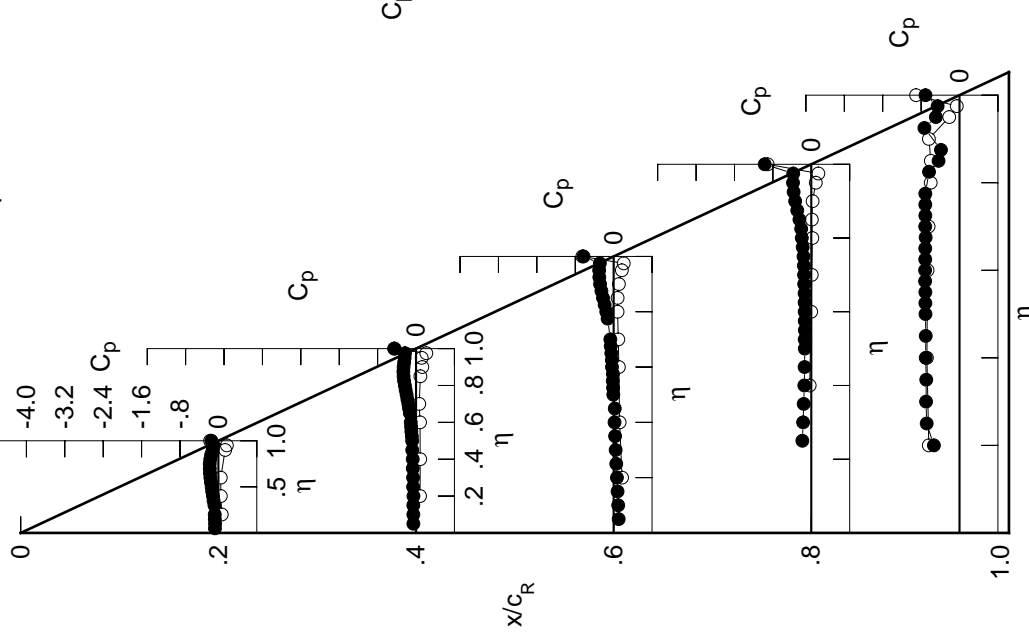


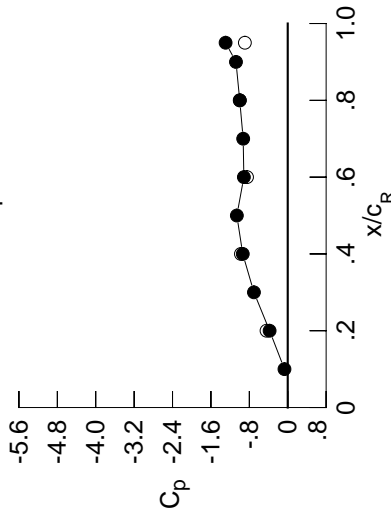
Table E6. Continued.

η	x/c_R .2	$C_{p,u}$	x/c_R .4	$C_{p,u}$	x/c_R .6	$C_{p,u}$	x/c_R .8	$C_{p,u}$	x/c_R .95	$C_{p,u}$
0.050	-0.0917	-0.0747	0.0910	0.0910	0.0910	0.0910	0.0910	0.0910	0.0910	0.0910
0.100	-0.0898	-0.0759	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826
0.150	-0.0955	-0.0769	0.0684	0.0684	0.0684	0.0684	0.0684	0.0684	0.0684	0.0684
0.200	-0.0979	-0.0740	0.0558	0.0558	0.0558	0.0558	0.0558	0.0558	0.0558	0.0558
0.250	*****	-0.0816	0.0398	-0.2045	-0.6754	0.0398	-0.2045	-0.6754	0.0398	-0.2045
0.300	-0.1011	-0.0831	0.0278	-0.1898	-0.6868	0.0278	-0.1898	-0.6868	0.0278	-0.1898
0.350	-0.1219	-0.0891	0.0141	-0.1775	-0.6842	0.0141	-0.1775	-0.6842	0.0141	-0.1775
0.400	-0.1354	-0.0927	0.0017	-0.1662	-0.7001	0.0017	-0.1662	-0.7001	0.0017	-0.1662
0.450	-0.1534	-0.1024	0.0053	-0.1601	-0.6925	0.0053	-0.1601	-0.6925	0.0053	-0.1601
0.500	-0.1667	-0.1053	-0.0253	-0.1568	-0.7204	-0.0253	-0.1568	-0.7204	-0.0253	-0.1568
0.525	*****	-0.1119	-0.0312	-0.1584	-0.7203	-0.0312	-0.1584	-0.7203	-0.0312	-0.1584
0.550	-0.1850	-0.1246	-0.0380	-0.1557	-0.7212	-0.0380	-0.1557	-0.7212	-0.0380	-0.1557
0.575	*****	-0.1312	-0.0370	-0.1581	-0.7287	-0.0370	-0.1581	-0.7287	-0.0370	-0.1581
0.600	-0.1992	-0.1395	-0.0566	-0.1630	-0.7271	-0.0566	-0.1630	-0.7271	-0.0566	-0.1630
0.625	*****	*****	-0.0613	-0.1637	-0.7213	-0.0613	-0.1637	-0.7213	-0.0613	-0.1637
0.650	-0.2116	-0.1591	-0.0740	-0.1667	-0.7224	-0.0740	-0.1667	-0.7224	-0.0740	-0.1667
0.675	*****	-0.1778	-0.0874	-0.1774	-0.7166	-0.0874	-0.1774	-0.7166	-0.0874	-0.1774
0.700	-0.2189	-0.1958	-0.0979	-0.1861	-0.7233	-0.0979	-0.1861	-0.7233	-0.0979	-0.1861
0.725	*****	-0.2183	*****	-0.1917	-0.7229	-0.1917	-0.7229	-0.7229	-0.1917	-0.7229
0.750	-0.2247	-0.2400	*****	-0.1999	-0.7283	-0.1999	-0.7283	-0.7283	-0.1999	-0.7283
0.775	*****	-0.2648	-0.1640	-0.2185	-0.7293	-0.1640	-0.2185	-0.7293	-0.1640	-0.2185
0.800	-0.2177	-0.2880	-0.1943	-0.2399	*****	-0.1943	-0.2399	*****	-0.1943	-0.2399
0.825	*****	-0.3089	-0.2314	-0.2558	-0.7038	-0.2314	-0.2558	-0.7038	-0.2314	-0.2558
0.850	-0.2036	-0.3264	-0.2764	-0.2941	-0.5938	-0.2764	-0.2941	-0.5938	-0.2764	-0.2941
0.875	*****	-0.3368	-0.3183	-0.3371	-0.4709	-0.3183	-0.3371	-0.4709	-0.3183	-0.3371
0.900	-0.1783	-0.3388	-0.3542	-0.3987	*****	-0.3542	-0.3987	*****	-0.3542	-0.3987
0.925	*****	-0.3341	-0.3780	-0.4500	-0.8211	-0.3780	-0.4500	-0.8211	-0.3780	-0.4500
0.950	-0.1775	-0.3331	-0.3961	-0.4752	-0.5819	-0.3961	-0.4752	-0.5819	-0.3961	-0.4752
0.975	*****	-0.3440	-0.4015	-0.4766	-0.5695	-0.4015	-0.4766	-0.5695	-0.4015	-0.4766
1.000	-0.3778	-0.9371	-0.9140	-1.0000	-1.2943	-0.9140	-1.0000	-1.2943	-0.9140	-1.2943
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0925	0.1028	0.1898	0.1898	0.1898	0.1898	0.1898	0.1898	0.1898	0.1898
-0.400	0.0758	0.1076	0.1403	-0.0199	-0.6717	0.1403	-0.0199	-0.6717	0.1403	-0.0199
-0.600	0.0792	0.1066	0.1271	0.0130	-0.6577	0.1271	0.0130	-0.6577	0.1271	0.0130
-0.700	*****	0.0953	0.1190	0.0271	-0.6342	0.1190	0.0271	-0.6342	0.1190	0.0271
-0.800	*****	*****	0.1090	0.0432	-0.5873	0.1090	0.0432	-0.5873	0.1090	0.0432
-0.850	*****	0.1254	0.1143	0.0373	-0.5797	0.1143	0.0373	-0.5797	0.1143	0.0373
-0.900	0.1706	0.1639	0.1420	0.0566	-0.6070	0.1420	0.0566	-0.6070	0.1420	0.0566
-0.950	0.2030	0.1327	0.1969	0.1208	-0.2013	0.1969	0.1208	-0.2013	0.1969	0.1208
-0.975	*****	0.2221	0.2197	0.1589	-0.0512	0.2197	0.1589	-0.0512	0.2197	0.1589
-1.000	-0.4417	-0.9749	-0.8480	-0.9974	-0.8925	-0.8480	-0.9974	-0.8925	-0.8480	-0.9974

Small Radius L.E.
 Run No. = 49, Point No. = 1048
 $C_N = 0.214$, $C_m = -0.0429$
 $\alpha = 5.0^\circ$, $M_\infty = 0.901$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.0681	*****
0.20	-0.3778	-0.4417
0.30	-0.7042	*****
0.40	-0.9371	-0.9749
0.50	-1.0602	*****
0.60	-0.9140	-0.8480
0.70	-0.9284	*****
0.80	-1.0000	-0.9974
0.90	-1.0780	*****
0.95	-1.2943	-0.8925

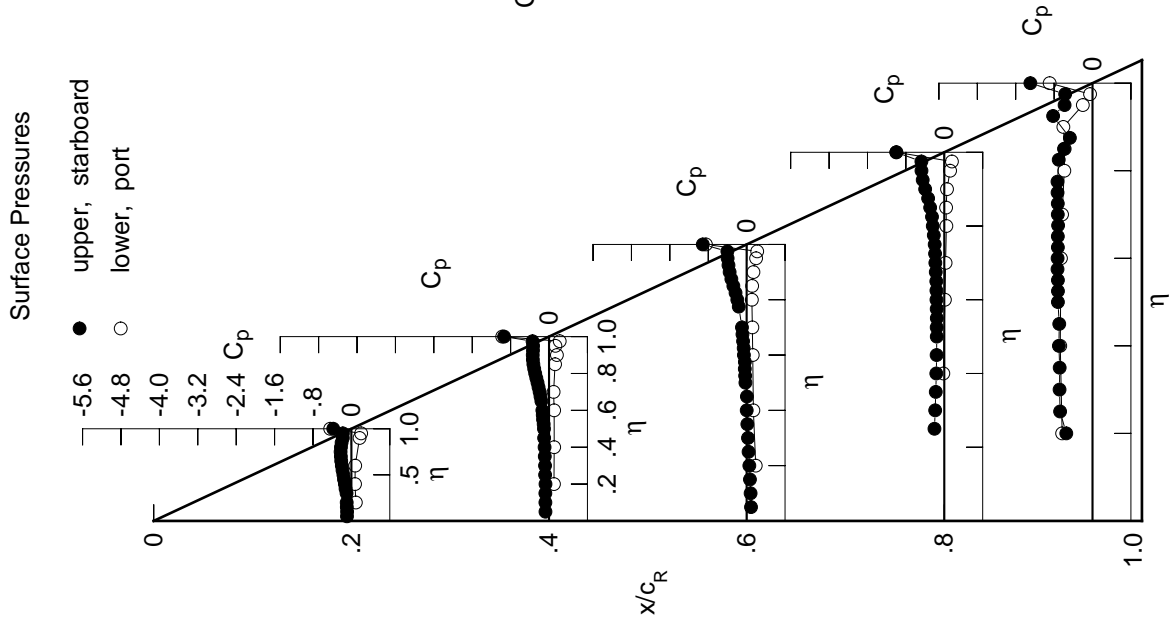


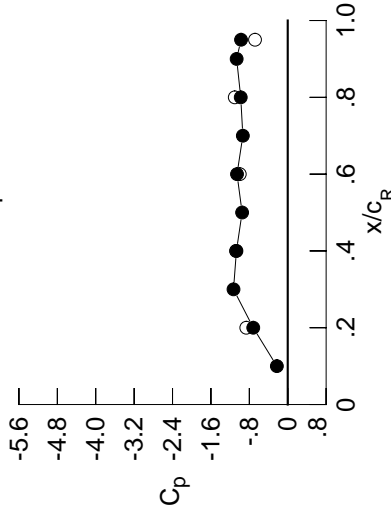
Table E6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1093	-0.0927	0.0783	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1085	-0.0961	0.0685	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1141	-0.0953	0.0542	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1176	-0.0940	0.0413	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1016	0.0255	-0.2229	-0.6405	*****	*****	*****	*****	*****
0.300	-0.1200	-0.1036	0.0124	-0.2082	-0.6462	*****	*****	*****	*****	*****
0.350	-0.1423	-0.1108	-0.0008	-0.1955	-0.6676	*****	*****	*****	*****	*****
0.400	-0.1574	-0.1141	-0.0133	-0.1835	-0.7089	*****	*****	*****	*****	*****
0.450	-0.1771	-0.1259	-0.0110	-0.1789	-0.6958	*****	*****	*****	*****	*****
0.500	-0.1932	-0.1300	-0.0447	-0.1781	-0.7154	*****	*****	*****	*****	*****
0.525	*****	-0.1372	-0.0520	-0.1816	-0.7244	*****	*****	*****	*****	*****
0.550	-0.2137	-0.1508	-0.0617	-0.1807	-0.7143	*****	*****	*****	*****	*****
0.575	*****	-0.1580	-0.0627	-0.1869	-0.7229	*****	*****	*****	*****	*****
0.600	-0.2316	-0.1691	-0.0870	-0.1953	-0.7350	*****	*****	*****	*****	*****
0.625	*****	*****	-0.0910	-0.1950	-0.7368	*****	*****	*****	*****	*****
0.650	-0.2480	-0.1911	-0.1072	-0.1952	-0.7399	*****	*****	*****	*****	*****
0.675	*****	-0.2123	-0.1196	-0.2046	-0.7392	*****	*****	*****	*****	*****
0.700	-0.2589	-0.2314	-0.1293	-0.2238	-0.7507	*****	*****	*****	*****	*****
0.725	*****	-0.2556	*****	-0.2317	-0.7473	*****	*****	*****	*****	*****
0.750	-0.2682	-0.2807	*****	-0.2297	-0.7536	*****	*****	*****	*****	*****
0.775	*****	-0.3069	-0.1961	-0.2515	-0.7668	*****	*****	*****	*****	*****
0.800	-0.2644	-0.3343	-0.2331	-0.2825	*****	*****	*****	*****	*****	*****
0.825	*****	-0.3609	-0.2557	-0.2992	-0.7698	*****	*****	*****	*****	*****
0.850	-0.2582	-0.3859	-0.2888	-0.3434	-0.7631	*****	*****	*****	*****	*****
0.875	*****	-0.4021	-0.3422	-0.3738	-0.8538	*****	*****	*****	*****	*****
0.900	-0.2415	-0.4097	-0.3902	-0.4072	*****	*****	*****	*****	*****	*****
0.925	*****	-0.4078	-0.4165	-0.4766	-0.9523	*****	*****	*****	*****	*****
0.950	-0.2628	-0.4214	-0.5445	-0.5414	-0.6704	*****	*****	*****	*****	*****
0.975	*****	-0.4954	-0.7450	-0.8173	-0.6555	*****	*****	*****	*****	*****
1.000	-0.7183	-1.0689	-1.0566	-0.9791	-0.9728	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1152	0.1238	0.2039	*****	-0.6264	*****	*****	*****	*****	*****
-0.600	0.1020	0.1290	0.1556	-0.0048	-0.6668	*****	*****	*****	*****	*****
-0.700	0.1091	0.1304	0.1456	0.0289	-0.6506	*****	*****	*****	*****	*****
-0.800	*****	0.1230	0.1384	0.0457	-0.6264	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1338	0.0638	-0.5755	*****	*****	*****	*****	*****
-0.900	*****	0.1577	0.1416	0.0610	-0.5641	*****	*****	*****	*****	*****
-0.950	0.1990	0.1931	0.1695	0.0846	-0.5794	*****	*****	*****	*****	*****
-0.975	0.2263	0.1430	0.2137	0.1414	-0.1864	*****	*****	*****	*****	*****
-1.000	*****	0.2224	0.2183	0.1664	-0.0375	*****	*****	*****	*****	*****
	-0.8629	-1.0767	-0.9989	-1.1032	-0.6818	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 49, Point No. = 1049
 $C_N = 0.266$, $C_m = -0.0540$
 $\alpha = 6.0^\circ$, $M_\infty = 0.899$
 $R_{mac} = 60.0 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.2267	*****
0.20	-0.7183	-0.8629
0.30	-1.1296	*****
0.40	-1.0689	-1.0767
0.50	-0.9505	*****
0.60	-1.0566	-0.9989
0.70	-0.9351	*****
0.80	-0.9791	-1.1032
0.90	-1.0642	*****
0.95	-0.9728	-0.6818

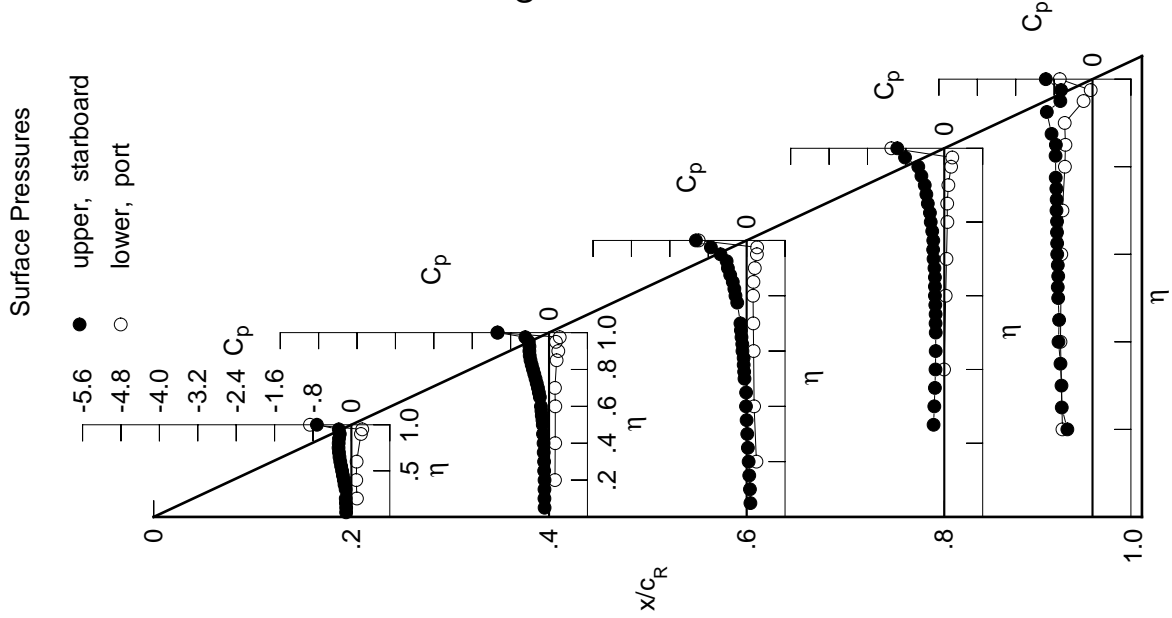


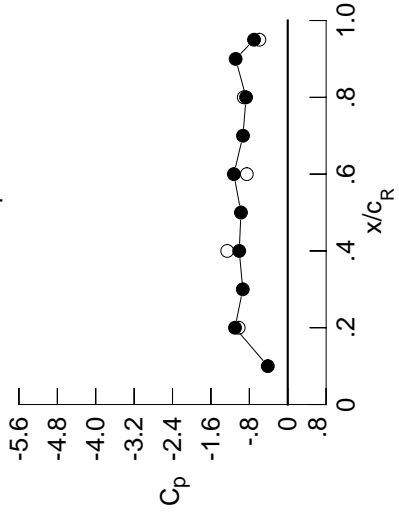
Table E6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.1261	-0.1117	0.0653	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1261	-0.1147	0.0557	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1317	-0.1162	0.0412	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1361	-0.1137	0.0281	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1222	0.0125	-0.2390	-0.5579	*****	*****	*****	*****	*****
0.300	-0.1386	-0.1236	-0.0015	-0.2240	-0.6484	*****	*****	*****	*****	*****
0.350	-0.1619	-0.1313	-0.0139	-0.2115	-0.6282	*****	*****	*****	*****	*****
0.400	-0.1786	-0.1361	-0.0320	-0.2022	-0.6815	*****	*****	*****	*****	*****
0.450	-0.2000	-0.1496	-0.0331	-0.2033	-0.6424	*****	*****	*****	*****	*****
0.500	-0.2179	-0.1571	-0.0684	-0.2054	-0.6580	*****	*****	*****	*****	*****
0.525	*****	-0.1670	-0.0773	-0.2055	-0.7167	*****	*****	*****	*****	*****
0.550	-0.2411	-0.1829	-0.0872	-0.2021	-0.7310	*****	*****	*****	*****	*****
0.575	*****	-0.1897	-0.0913	-0.2091	-0.7463	*****	*****	*****	*****	*****
0.600	-0.2603	-0.1999	-0.1201	-0.2269	-0.7590	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1226	-0.2355	-0.7487	*****	*****	*****	*****	*****
0.650	-0.2784	-0.2245	-0.1347	-0.2279	-0.7113	*****	*****	*****	*****	*****
0.675	*****	-0.2445	-0.1439	-0.2355	-0.7260	*****	*****	*****	*****	*****
0.700	-0.2955	-0.2660	-0.1505	-0.2624	-0.7630	*****	*****	*****	*****	*****
0.725	*****	-0.2915	*****	-0.2844	-0.7729	*****	*****	*****	*****	*****
0.750	-0.3104	-0.3181	*****	-0.2632	-0.7668	*****	*****	*****	*****	*****
0.775	*****	-0.3444	-0.2386	-0.2638	-0.7572	*****	*****	*****	*****	*****
0.800	-0.3111	-0.3778	-0.3039	-0.2848	*****	*****	*****	*****	*****	*****
0.825	*****	-0.4062	-0.3130	-0.3141	-0.8848	*****	*****	*****	*****	*****
0.850	-0.3186	-0.4294	-0.3172	-0.3758	-0.9339	*****	*****	*****	*****	*****
0.875	*****	-0.4473	-0.3379	-0.4606	-0.8217	*****	*****	*****	*****	*****
0.900	-0.3141	-0.4532	-0.3785	-0.5805	*****	*****	*****	*****	*****	*****
0.925	*****	-0.5040	-0.6173	-0.7563	-0.8836	*****	*****	*****	*****	*****
0.950	-0.3475	-0.6637	-0.8623	-0.8339	-0.7644	*****	*****	*****	*****	*****
0.975	*****	-0.8535	-0.7932	-0.8565	-0.6923	*****	*****	*****	*****	*****
1.000	-1.0984	-1.0101	-1.1226	-0.8683	-0.7027	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1412	0.1458	0.2210	*****	*****	*****	*****	*****	*****	*****
-0.600	0.1290	0.1521	0.1741	0.0122	-0.6582	*****	*****	*****	*****	*****
-0.700	0.1393	0.1553	0.1642	0.0469	-0.6408	*****	*****	*****	*****	*****
-0.800	*****	0.1503	0.1602	0.0630	-0.6152	*****	*****	*****	*****	*****
-0.850	*****	*****	0.1584	0.0851	-0.5617	*****	*****	*****	*****	*****
-0.900	*****	0.1877	0.1685	0.0850	-0.5474	*****	*****	*****	*****	*****
-0.950	0.2260	0.2187	0.1958	0.1112	-0.5525	*****	*****	*****	*****	*****
-0.975	0.2484	0.1503	0.2305	0.1621	-0.1734	*****	*****	*****	*****	*****
-1.000	*****	0.2172	0.2234	0.1741	-0.0300	*****	*****	*****	*****	*****
	-1.0217	-1.2605	-0.8532	-0.9161	-0.5913	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 49, Point No. = 1050
 $C_N = 0.321$, $C_m = -0.0662$
 $\alpha = 7.1^\circ$, $M_\infty = 0.899$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.4148	*****
0.20	-1.0984	-1.0217
0.30	-0.9367	*****
0.40	-1.0101	-1.2605
0.50	-0.9745	*****
0.60	-1.1226	-0.8532
0.70	-0.9324	*****
0.80	-0.8683	-0.9161
0.90	-1.0854	*****
0.95	-0.7027	-0.5913

Surface Pressures

● upper, starboard
 ○ lower, port

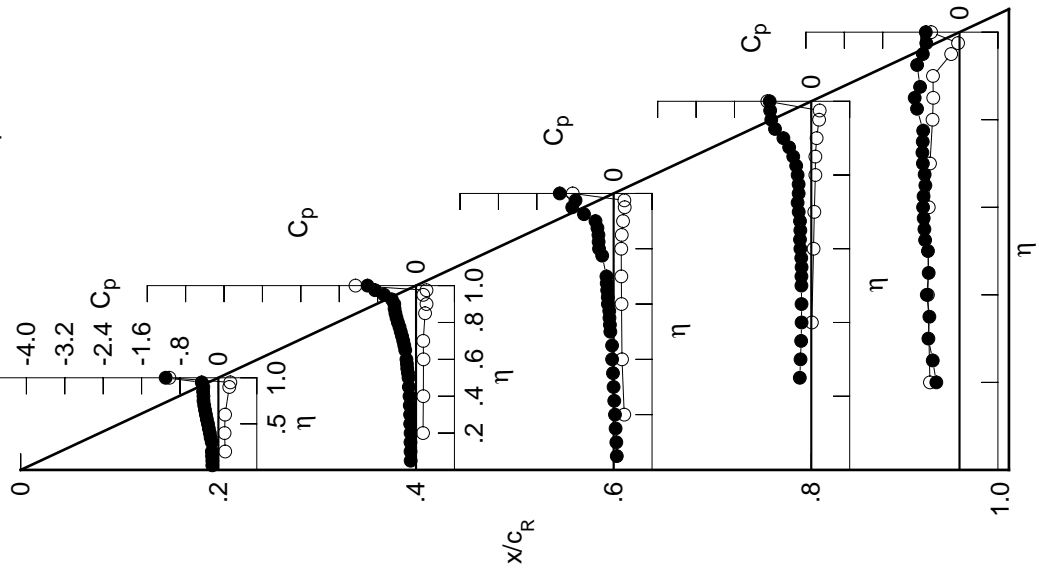
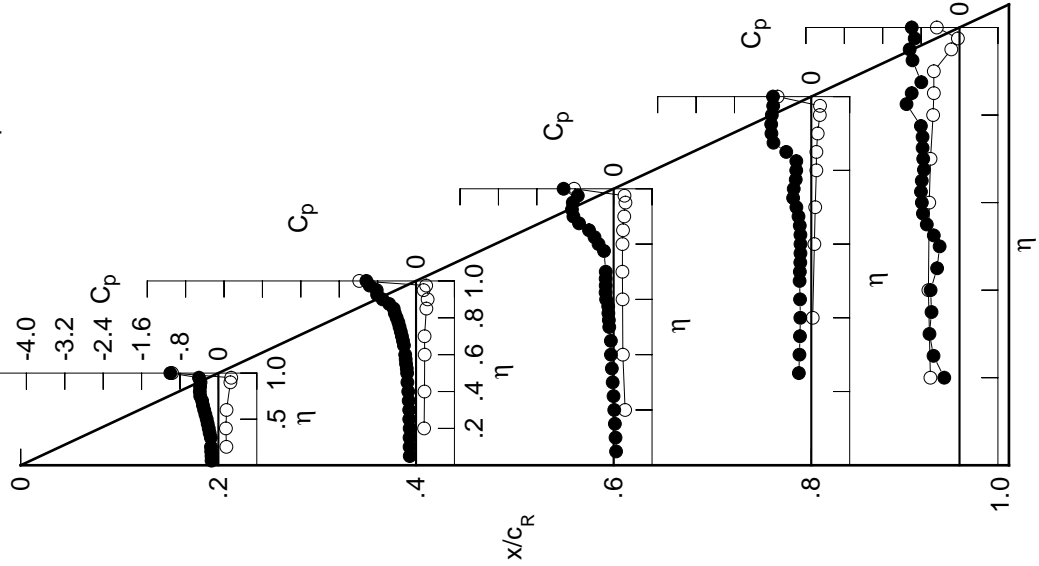


Table E6. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1425	-0.1309	0.0503	*****	*****
0.100	-0.1442	-0.1348	0.0389	*****	*****
0.150	-0.1504	-0.1356	0.0255	*****	*****
0.200	-0.1541	-0.1328	0.0132	*****	-0.3178
0.250	*****	-0.1417	-0.0023	-0.2590	-0.5417
0.300	-0.1579	-0.1427	-0.0199	-0.2465	-0.6255
0.350	-0.1825	-0.1531	-0.0379	-0.2361	-0.5834
0.400	-0.2004	-0.1624	-0.0558	-0.2279	-0.6021
0.450	-0.2233	-0.1802	-0.0578	-0.2346	-0.4662
0.500	-0.2435	-0.1858	-0.0910	-0.2434	-0.4147
0.525	*****	-0.1926	-0.1001	-0.2387	-0.5359
0.550	-0.2705	-0.2081	-0.1094	-0.2288	-0.6813
0.575	*****	-0.2159	-0.1131	-0.2257	-0.7622
0.600	-0.2959	-0.2258	-0.1565	-0.2247	-0.7850
0.625	*****	*****	-0.1681	-0.2263	-0.8034
0.650	-0.3216	-0.2521	-0.1658	-0.2404	-0.7861
0.675	*****	-0.2722	-0.1662	-0.2663	-0.7417
0.700	-0.3396	-0.2943	-0.1649	-0.3104	-0.7561
0.725	*****	-0.3177	*****	-0.3786	-0.7690
0.750	-0.3788	-0.3434	*****	-0.3657	-0.7699
0.775	*****	-0.3684	-0.2008	-0.3241	-0.8046
0.800	-0.3873	-0.4041	-0.3141	-0.3134	*****
0.825	*****	-0.4427	-0.3983	-0.3121	-1.1044
0.850	-0.3814	-0.4656	-0.5132	-0.5213	-0.9962
0.875	*****	-0.5582	-0.7211	-0.7877	-0.7959
0.900	-0.3720	-0.6960	-0.8384	-0.8302	*****
0.925	*****	-0.8107	-0.8685	-0.8355	-0.9794
0.950	-0.4048	-0.8189	-0.8514	-0.8227	-1.0383
0.975	*****	-0.9675	-0.7464	-0.7937	-0.9337
1.000	-1.0005	-1.0345	-1.0428	-0.7979	-0.9951
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1666	0.1684	0.2391	*****	-0.6063
-0.400	0.1570	0.1761	0.1919	0.0296	-0.6480
-0.600	0.1699	0.1802	0.1861	0.0644	-0.6305
-0.700	*****	0.1773	0.1823	0.0820	-0.6040
-0.800	*****	*****	0.1839	0.1059	-0.5499
-0.850	*****	0.2151	0.1952	0.1066	-0.5348
-0.900	0.2505	0.2414	0.2209	0.1338	-0.5352
-0.950	0.2668	0.1566	0.2454	0.1777	-0.1711
-0.975	*****	0.2113	0.2253	0.1815	-0.0335
-1.000	-0.9650	-1.1822	-0.8238	-0.7013	-0.4725

Surface Pressures

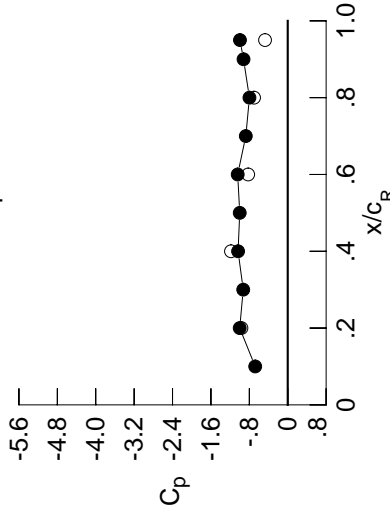
● upper, starboard
○ lower, port



Small Radius L.E.
Run No. = 49, Point No. = 1051
 $C_N = 0.383$, $C_m = -0.0811$
 $\alpha = 8.2^\circ$, $M_\infty = 0.899$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starboard C_p	port C_p
0.10	-0.6775	*****
0.20	-1.0005	-0.9650
0.30	-0.9271	*****
0.40	-1.0345	-1.1822
0.50	-0.9997	*****
0.60	-1.0428	-0.8238
0.70	-0.8733	*****
0.80	-0.7979	-0.7013
0.90	-0.9210	*****
0.95	-0.9951	-0.4725

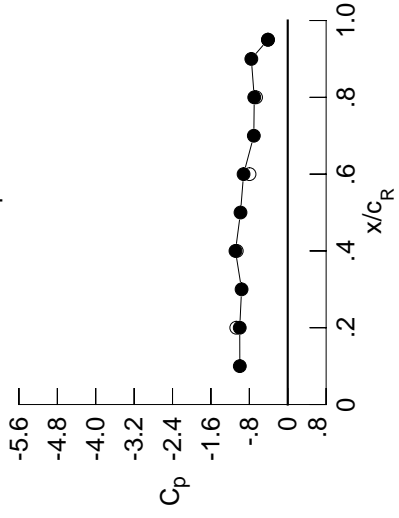
Table E6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1592	-0.1527	0.0313	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1620	-0.1560	0.0199	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1688	-0.1599	0.0077	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1744	-0.1554	-0.0037	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1625	-0.0239	-0.2825	-0.5710	*****	*****	*****	*****	*****
0.300	-0.1783	-0.1676	-0.0496	-0.2739	-0.5549	*****	*****	*****	*****	*****
0.350	-0.2036	-0.1845	-0.0659	-0.2632	-0.3627	*****	*****	*****	*****	*****
0.400	-0.2231	-0.1960	-0.0807	-0.2488	-0.3965	*****	*****	*****	*****	*****
0.450	-0.2487	-0.2133	-0.0767	-0.2408	-0.6320	*****	*****	*****	*****	*****
0.500	-0.2715	-0.2112	-0.1017	-0.2582	-0.6323	*****	*****	*****	*****	*****
0.525	*****	-0.2147	-0.1065	-0.2733	-0.6995	*****	*****	*****	*****	*****
0.550	-0.2991	-0.2300	-0.1188	-0.2590	-0.7494	*****	*****	*****	*****	*****
0.575	*****	-0.2397	-0.1261	-0.2509	-0.7664	*****	*****	*****	*****	*****
0.600	-0.3224	-0.2497	-0.1823	-0.2457	-0.7584	*****	*****	*****	*****	*****
0.625	*****	*****	-0.2196	-0.2298	-0.7462	*****	*****	*****	*****	*****
0.650	-0.3563	-0.2701	-0.2576	-0.2194	-0.7495	*****	*****	*****	*****	*****
0.675	*****	-0.2891	-0.2371	-0.2235	-0.7776	*****	*****	*****	*****	*****
0.700	-0.3878	-0.3101	-0.2194	-0.2726	-0.8909	*****	*****	*****	*****	*****
0.725	*****	-0.3297	*****	-0.4322	-1.0359	*****	*****	*****	*****	*****
0.750	-0.4082	-0.3464	*****	-0.6174	-1.1365	*****	*****	*****	*****	*****
0.775	*****	-0.4059	-0.2645	-0.7544	-1.1514	*****	*****	*****	*****	*****
0.800	-0.4062	-0.5497	-0.5686	-0.8071	*****	*****	*****	*****	*****	*****
0.825	*****	-0.6226	-0.7554	-0.8510	-0.7376	*****	*****	*****	*****	*****
0.850	-0.4243	-0.7078	-0.8162	-0.8128	-0.6722	*****	*****	*****	*****	*****
0.875	*****	-0.8478	-0.8789	-0.7651	-0.5645	*****	*****	*****	*****	*****
0.900	-0.4391	-0.9057	-0.9110	-0.7335	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9267	-0.8888	-0.7187	-0.5458	*****	*****	*****	*****	*****
0.950	-0.5745	-0.8247	-0.8410	-0.6977	-0.5567	*****	*****	*****	*****	*****
0.975	*****	-1.0477	-0.7850	-0.6823	-0.4678	*****	*****	*****	*****	*****
1.000	-0.9999	-1.0888	-0.9199	-0.6976	-0.4131	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.1935	0.1925	0.2553	*****	*****	*****	*****	*****	*****	*****
-0.600	0.1856	0.1997	0.2109	0.0451	-0.6400	*****	*****	*****	*****	*****
-0.700	0.2001	0.2060	0.2056	0.0800	-0.6200	*****	*****	*****	*****	*****
-0.800	*****	0.2050	0.2037	0.0986	-0.5941	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2066	0.1223	-0.5383	*****	*****	*****	*****	*****
-0.900	*****	0.2425	0.2182	0.1257	-0.5220	*****	*****	*****	*****	*****
-0.950	0.2735	0.2634	0.2420	0.1515	-0.5160	*****	*****	*****	*****	*****
-0.975	0.2838	0.1579	0.2554	0.1881	-0.1665	*****	*****	*****	*****	*****
-1.000	*****	0.2081	0.2227	0.1813	-0.0360	*****	*****	*****	*****	*****
	-1.0719	-1.0614	-0.7957	-0.6599	-0.4105	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 49, Point No. = 1052
 $C_N = 0.444$, $C_m = -0.0934$
 $\alpha = 9.2^\circ$, $M_\infty = 0.899$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.9980	*****
0.20	-0.9999	-1.0719
0.30	-0.9617	*****
0.40	-1.0888	-1.0614
0.50	-0.9838	*****
0.60	-0.9199	-0.7957
0.70	-0.7065	*****
0.80	-0.6976	-0.6599
0.90	-0.7585	*****
0.95	-0.4131	-0.4105

Surface Pressures

● upper, starboard
 ○ lower, port

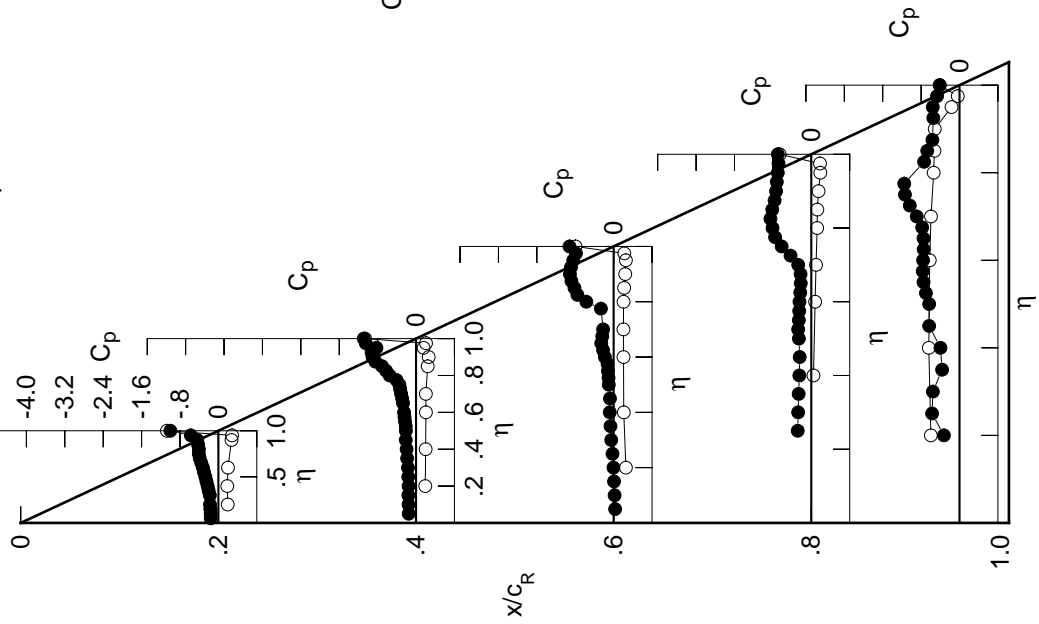


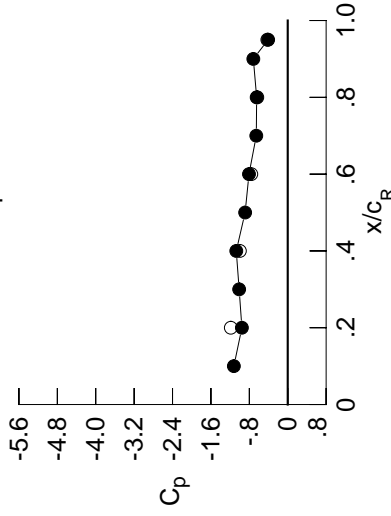
Table E6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1730	-0.1775	0.0114	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1782	-0.1807	-0.0005	*****	*****	*****	*****	*****	*****	*****
0.150	-0.1877	-0.1850	-0.0091	*****	*****	*****	*****	*****	*****	*****
0.200	-0.1922	-0.1773	-0.0268	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.1939	-0.0487	-0.3035	-0.6057	*****	*****	*****	*****	*****
0.300	-0.1995	-0.2037	-0.0751	-0.3031	-0.3619	*****	*****	*****	*****	*****
0.350	-0.2274	-0.2112	-0.0976	-0.2843	-0.3097	*****	*****	*****	*****	*****
0.400	-0.2475	-0.2219	-0.0993	-0.2642	-0.3524	*****	*****	*****	*****	*****
0.450	-0.2685	-0.2558	-0.0862	-0.2524	-0.4465	*****	*****	*****	*****	*****
0.500	-0.2855	-0.2486	-0.1097	-0.2388	-0.6184	*****	*****	*****	*****	*****
0.525	*****	-0.2472	-0.1103	-0.2349	-0.7232	*****	*****	*****	*****	*****
0.550	-0.3230	-0.2575	-0.1078	-0.2229	-0.7367	*****	*****	*****	*****	*****
0.575	*****	-0.2579	-0.0884	-0.2183	-0.7380	*****	*****	*****	*****	*****
0.600	-0.3542	-0.2663	-0.1111	-0.2179	-0.7345	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1310	-0.2235	-0.7570	*****	*****	*****	*****	*****
0.650	-0.3797	-0.2772	-0.2381	-0.2708	-0.8459	*****	*****	*****	*****	*****
0.675	*****	-0.2831	-0.3303	-0.4233	-0.9872	*****	*****	*****	*****	*****
0.700	-0.3965	-0.2748	-0.4356	-0.6646	-1.1327	*****	*****	*****	*****	*****
0.725	*****	-0.2757	*****	-0.8754	-1.2152	*****	*****	*****	*****	*****
0.750	-0.4177	-0.4771	*****	-0.9691	-1.2090	*****	*****	*****	*****	*****
0.775	*****	-0.7254	-0.9060	-0.9896	-0.9670	*****	*****	*****	*****	*****
0.800	-0.4175	-0.8553	-0.8971	-0.9372	*****	*****	*****	*****	*****	*****
0.825	*****	-0.8365	-0.8750	-0.9322	-0.6781	*****	*****	*****	*****	*****
0.850	-0.5330	-0.8486	-0.8658	-0.8242	-0.5937	*****	*****	*****	*****	*****
0.875	*****	-0.9601	-0.8485	-0.7359	-0.5423	*****	*****	*****	*****	*****
0.900	-0.7758	-0.9956	-0.8184	-0.6944	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9766	-0.7778	-0.6649	-0.5504	*****	*****	*****	*****	*****
0.950	-0.9015	-0.8691	-0.7439	-0.6402	-0.5111	*****	*****	*****	*****	*****
0.975	*****	-1.0744	-0.7491	-0.6301	-0.4876	*****	*****	*****	*****	*****
1.000	-0.9549	-1.0722	-0.8072	-0.6475	-0.4081	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2215	0.2169	0.2740	*****	-0.5860	*****	*****	*****	*****	*****
-0.600	0.2148	0.2247	0.2291	0.0605	-0.6302	*****	*****	*****	*****	*****
-0.700	0.2314	0.2322	0.2240	0.0960	-0.6103	*****	*****	*****	*****	*****
-0.800	*****	0.2326	0.2237	0.1144	-0.5837	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2275	0.1392	-0.5273	*****	*****	*****	*****	*****
-0.900	0.2961	0.2840	0.2393	0.1434	-0.5097	*****	*****	*****	*****	*****
-0.950	0.2997	0.1600	0.2597	0.1685	-0.4994	*****	*****	*****	*****	*****
-0.975	*****	0.2037	0.2173	0.1793	-0.0440	*****	*****	*****	*****	*****
-1.000	-1.1855	-0.9969	-0.7592	-0.6348	-0.4251	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 49, Point No. = 1053
 $C_N = 0.503$, $C_m = -0.1025$
 $\alpha = 10.3^\circ$, $M_\infty = 0.900$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1224	*****
0.20	-0.9549	-1.1855
0.30	-1.0120	*****
0.40	-1.0722	-0.9969
0.50	-0.8876	*****
0.60	-0.8072	-0.7592
0.70	-0.6548	*****
0.80	-0.6475	-0.6348
0.90	-0.7166	*****
0.95	-0.4081	-0.4251

Surface Pressures

● upper, starboard
 ○ lower, port

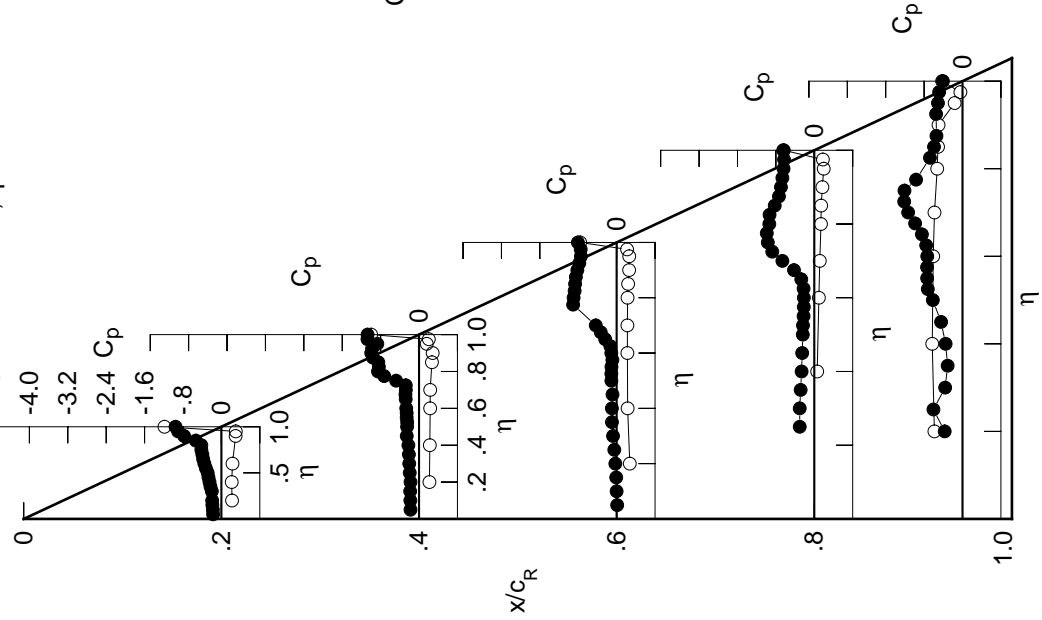


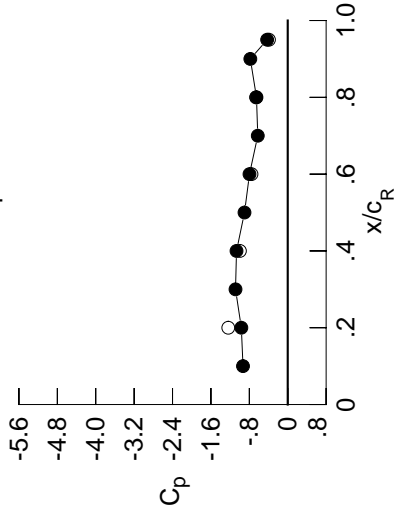
Table E6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1833	-0.2038	-0.0052	*****	*****	*****	*****	*****	*****	*****
0.100	-0.1901	-0.2058	-0.0152	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2027	-0.2054	-0.0295	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2071	-0.2131	-0.0515	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2306	-0.0730	-0.3253	-0.5160	*****	*****	*****	*****	*****
0.300	-0.2247	-0.2341	-0.0947	-0.3249	-0.3613	*****	*****	*****	*****	*****
0.350	-0.2440	-0.2392	-0.1221	-0.3067	-0.3084	*****	*****	*****	*****	*****
0.400	-0.2618	-0.2418	-0.1204	-0.2852	-0.3455	*****	*****	*****	*****	*****
0.450	-0.2849	-0.2750	-0.1035	-0.2731	-0.4304	*****	*****	*****	*****	*****
0.500	-0.3061	-0.2999	-0.1274	-0.2592	-0.5939	*****	*****	*****	*****	*****
0.525	*****	-0.2905	-0.1265	-0.2546	-0.7199	*****	*****	*****	*****	*****
0.550	-0.3350	-0.2969	-0.1241	-0.2443	-0.7529	*****	*****	*****	*****	*****
0.575	*****	-0.2955	-0.1050	-0.2414	-0.7648	*****	*****	*****	*****	*****
0.600	-0.3643	-0.2911	-0.1205	-0.2493	-0.7799	*****	*****	*****	*****	*****
0.625	*****	*****	-0.1143	-0.2813	-0.8342	*****	*****	*****	*****	*****
0.650	-0.3954	-0.2848	-0.1949	-0.3816	-0.9505	*****	*****	*****	*****	*****
0.675	*****	-0.2798	-0.4365	-0.5861	-1.0885	*****	*****	*****	*****	*****
0.700	-0.4079	-0.2590	-0.7669	-0.8291	-1.2208	*****	*****	*****	*****	*****
0.725	*****	-0.3621	*****	-1.0263	-1.0067	*****	*****	*****	*****	*****
0.750	-0.4287	-0.8229	*****	-1.1296	-0.9107	*****	*****	*****	*****	*****
0.775	*****	-1.0253	-1.0778	-1.1474	-0.7820	*****	*****	*****	*****	*****
0.800	-0.6007	-1.0645	-1.0199	-1.0202	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0031	-0.9665	-0.9775	-0.5967	*****	*****	*****	*****	*****
0.850	-0.8395	-1.0080	-0.9290	-0.8381	-0.5535	*****	*****	*****	*****	*****
0.875	*****	-1.0589	-0.8825	-0.7899	-0.5611	*****	*****	*****	*****	*****
0.900	-0.9388	-1.0561	-0.8342	-0.7676	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0128	-0.7875	-0.6755	-0.6067	*****	*****	*****	*****	*****
0.950	-0.9921	-0.9227	-0.7509	-0.6445	-0.5801	*****	*****	*****	*****	*****
0.975	*****	-1.0862	-0.7588	-0.6423	-0.5451	*****	*****	*****	*****	*****
1.000	-0.9664	-1.0670	-0.7967	-0.6509	-0.4286	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2521	0.2431	0.2925	*****	*****	*****	*****	*****	*****	*****
-0.600	0.2467	0.2518	0.2485	0.0765	0.6213	*****	*****	*****	*****	*****
-0.700	0.2637	0.2589	0.2451	0.1124	-0.6006	*****	*****	*****	*****	*****
-0.800	*****	0.2610	0.2451	0.1310	-0.5746	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2494	0.1560	-0.5169	*****	*****	*****	*****	*****
-0.900	*****	0.2938	0.2606	0.1597	-0.4987	*****	*****	*****	*****	*****
-0.950	0.3199	0.3035	0.2770	0.1838	-0.4822	*****	*****	*****	*****	*****
-0.975	*****	0.1637	0.2689	0.2027	-0.1581	*****	*****	*****	*****	*****
-1.000	*****	0.1972	0.2113	0.1726	-0.0451	*****	*****	*****	*****	*****
-1.000	-1.2384	-0.9961	-0.7553	-0.6589	-0.3910	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 49, Point No. = 1054
 $C_N = 0.564$, $C_m = -0.1129$
 $\alpha = 11.3^\circ$, $M_\infty = 0.899$
 $R_{mac} = 59.8 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.9317	*****
0.20	-0.9664	-1.2384
0.30	-1.0878	*****
0.40	-1.0670	-0.9961
0.50	-0.9004	*****
0.60	-0.7967	-0.7553
0.70	-0.6242	*****
0.80	-0.6509	-0.6589
0.90	-0.7792	*****
0.95	-0.4286	-0.3910

Surface Pressures

● upper, starboard
 ○ lower, port

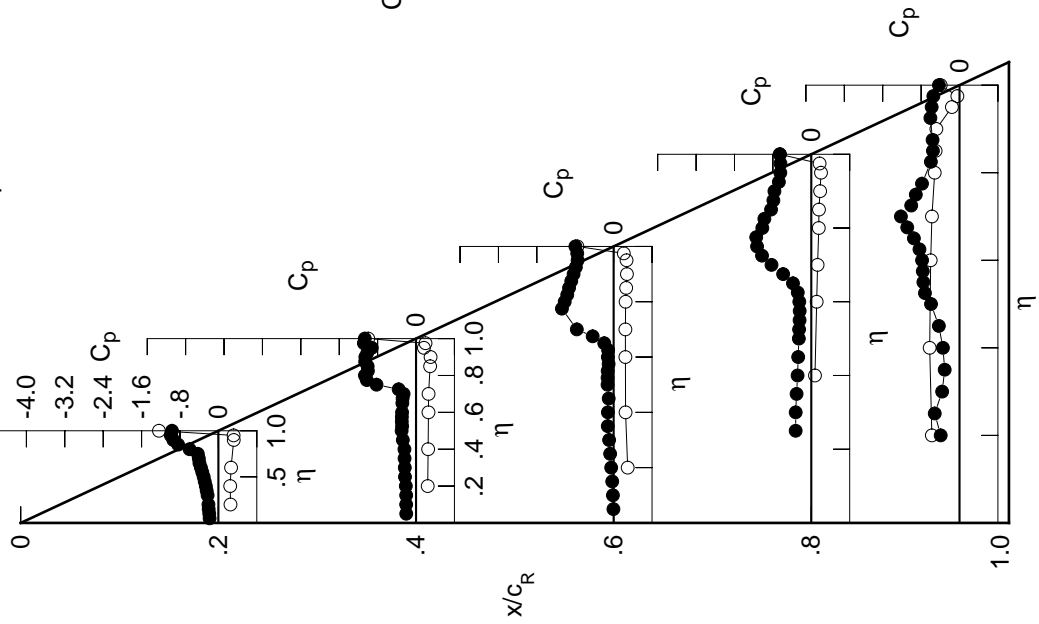


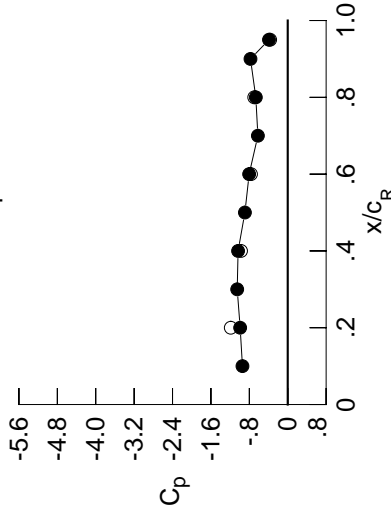
Table E6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.2031	-0.2343	-0.0206	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2070	-0.2337	-0.0294	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2238	-0.2393	-0.0498	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2387	-0.2487	-0.0726	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2610	-0.0866	-0.3463	-0.3059	*****	*****	*****	*****	*****
0.300	-0.2504	-0.2610	-0.0930	-0.3304	-0.2781	*****	*****	*****	*****	*****
0.350	-0.2638	-0.2632	-0.1104	-0.3198	-0.3181	*****	*****	*****	*****	*****
0.400	-0.2811	-0.2626	-0.1401	-0.3041	-0.3773	*****	*****	*****	*****	*****
0.450	-0.3023	-0.2723	-0.1316	-0.2930	-0.6138	*****	*****	*****	*****	*****
0.500	-0.3330	-0.3120	-0.1517	-0.2756	-0.7745	*****	*****	*****	*****	*****
0.525	*****	-0.3504	-0.1453	-0.2741	-0.7878	*****	*****	*****	*****	*****
0.550	-0.3670	-0.3694	-0.1420	-0.2725	-0.7927	*****	*****	*****	*****	*****
0.575	*****	-0.3552	-0.1388	-0.2928	-0.8212	*****	*****	*****	*****	*****
0.600	-0.3857	-0.3494	-0.2201	-0.3445	-0.8770	*****	*****	*****	*****	*****
0.625	*****	*****	-0.3317	-0.4540	-0.9746	*****	*****	*****	*****	*****
0.650	-0.3935	-0.3520	-0.6156	-0.6380	-1.1087	*****	*****	*****	*****	*****
0.675	*****	-0.4105	-0.8828	-0.8688	-1.2197	*****	*****	*****	*****	*****
0.700	-0.3957	-0.6366	-1.0412	-1.0558	-1.0560	*****	*****	*****	*****	*****
0.725	*****	-0.9399	*****	-1.1796	-0.9476	*****	*****	*****	*****	*****
0.750	-0.6410	-1.0877	*****	-1.2132	-0.8699	*****	*****	*****	*****	*****
0.775	*****	-1.1102	-1.0522	-1.1365	-0.7174	*****	*****	*****	*****	*****
0.800	-0.8884	-1.0889	-1.0172	-0.9701	*****	*****	*****	*****	*****	*****
0.825	*****	-1.0299	-0.9809	-0.9260	-0.5829	*****	*****	*****	*****	*****
0.850	-0.9967	-1.0170	-0.9460	-0.8275	-0.5470	*****	*****	*****	*****	*****
0.875	*****	-1.0490	-0.8949	-0.7873	-0.5569	*****	*****	*****	*****	*****
0.900	-0.9990	-1.0517	-0.8516	-0.7687	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9990	-0.8169	-0.7034	-0.5860	*****	*****	*****	*****	*****
0.950	-1.0114	-0.9257	-0.7806	-0.6669	-0.5477	*****	*****	*****	*****	*****
0.975	*****	-1.0407	-0.7789	-0.6634	-0.4964	*****	*****	*****	*****	*****
1.000	-0.9909	-1.0343	-0.8038	-0.6650	-0.3907	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.2801	0.2671	0.3085	*****	*****	*****	*****	*****	*****	*****
-0.600	0.2763	0.2742	0.2663	0.0919	-0.6116	*****	*****	*****	*****	*****
-0.700	0.2934	0.2834	0.2624	0.1270	-0.5905	*****	*****	*****	*****	*****
-0.800	*****	0.2861	0.2627	0.1455	-0.5626	*****	*****	*****	*****	*****
-0.850	*****	*****	0.2670	0.1710	-0.5053	*****	*****	*****	*****	*****
-0.900	*****	0.3146	0.2769	0.1745	-0.4850	*****	*****	*****	*****	*****
-0.950	0.3398	0.3188	0.2893	0.1959	-0.4635	*****	*****	*****	*****	*****
-0.975	0.3304	0.1651	0.2697	0.2053	-0.1488	*****	*****	*****	*****	*****
-1.000	*****	0.1888	0.2000	0.1638	-0.0422	*****	*****	*****	*****	*****
	-1.1863	-0.9725	-0.7660	-0.6978	-0.3666	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 49, Point No. = 1055
 $C_N = 0.625$, $C_m = -0.1242$
 $\alpha = 12.4^\circ$, $M_\infty = 0.900$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-0.9434	*****
0.20	-0.9909	-1.1863
0.30	-1.0524	*****
0.40	-1.0343	-0.9725
0.50	-0.8921	*****
0.60	-0.8038	-0.7660
0.70	-0.6216	*****
0.80	-0.6650	-0.6978
0.90	-0.7760	*****
0.95	-0.3907	-0.3666

Surface Pressures

● upper, starboard
 ○ lower, port

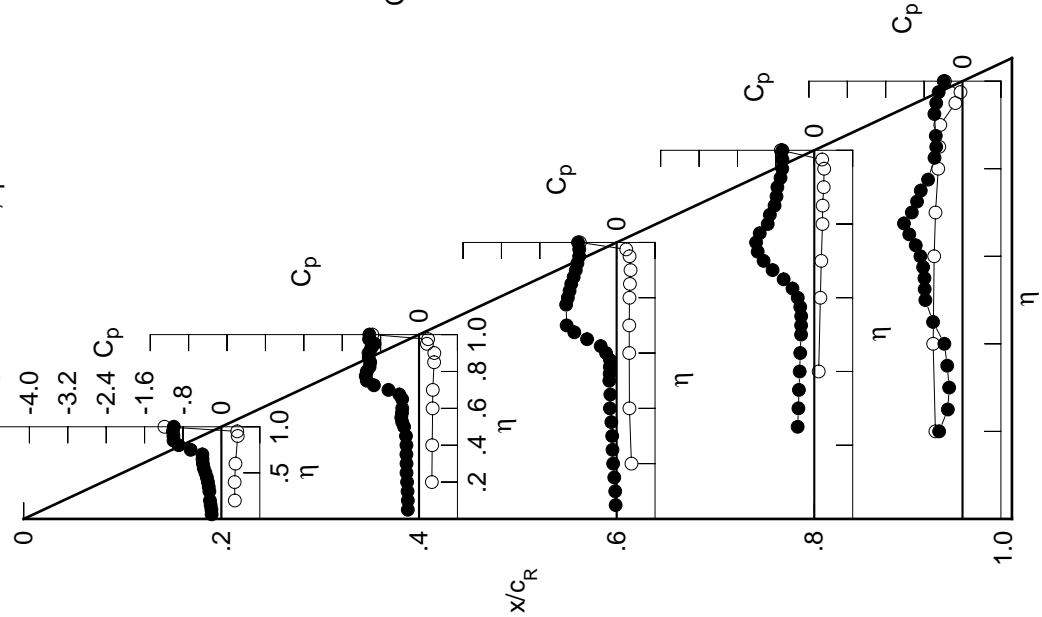


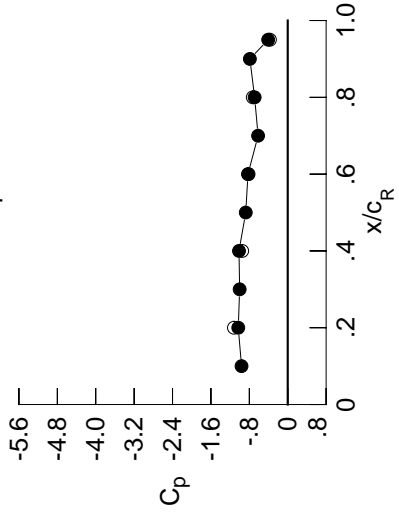
Table E6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.2081	-0.2649	-0.0383	*****	*****	*****	*****	*****	*****	*****
0.100	-0.2108	-0.2621	-0.0501	*****	*****	*****	*****	*****	*****	*****
0.150	-0.2385	-0.2720	-0.0776	*****	*****	*****	*****	*****	*****	*****
0.200	-0.2573	-0.2818	-0.1006	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.2888	-0.1116	-0.3679	-0.2698	*****	*****	*****	*****	*****
0.300	-0.2683	-0.2852	-0.1196	-0.3480	-0.2522	*****	*****	*****	*****	*****
0.350	-0.2842	-0.2875	-0.1346	-0.3287	-0.2798	*****	*****	*****	*****	*****
0.400	-0.2982	-0.2873	-0.1487	-0.3094	-0.3536	*****	*****	*****	*****	*****
0.450	-0.3209	-0.2882	-0.1349	-0.2952	-0.5295	*****	*****	*****	*****	*****
0.500	-0.3423	-0.2655	-0.1767	-0.2884	-0.7551	*****	*****	*****	*****	*****
0.525	*****	-0.2570	-0.1979	-0.3011	-0.8075	*****	*****	*****	*****	*****
0.550	-0.3762	-0.2736	-0.2604	-0.3288	-0.8378	*****	*****	*****	*****	*****
0.575	*****	-0.2974	-0.3828	-0.4025	-0.8974	*****	*****	*****	*****	*****
0.600	-0.3742	-0.3824	-0.6476	-0.5310	-0.9820	*****	*****	*****	*****	*****
0.625	*****	*****	-0.8490	-0.7144	-1.0973	*****	*****	*****	*****	*****
0.650	-0.3479	-0.9111	-1.0237	-0.9167	-1.2162	*****	*****	*****	*****	*****
0.675	*****	-1.1232	-1.1389	-1.0953	-0.9603	*****	*****	*****	*****	*****
0.700	-0.6273	-1.1804	-1.1966	-1.2197	-0.9258	*****	*****	*****	*****	*****
0.725	*****	-1.1708	*****	-1.2946	-0.8692	*****	*****	*****	*****	*****
0.750	-0.9363	-1.1508	*****	-1.2972	-0.7432	*****	*****	*****	*****	*****
0.775	*****	-1.1065	-1.0681	-1.0756	-0.6594	*****	*****	*****	*****	*****
0.800	-1.0398	-1.0382	-1.0315	-0.9258	*****	*****	*****	*****	*****	*****
0.825	*****	-0.9755	-0.9785	-0.8551	-0.5953	*****	*****	*****	*****	*****
0.850	-1.0689	-0.9612	-0.9283	-0.8167	-0.5751	*****	*****	*****	*****	*****
0.875	*****	-1.0003	-0.8854	-0.7985	-0.6045	*****	*****	*****	*****	*****
0.900	-1.0399	-1.0322	-0.8631	-0.7966	*****	*****	*****	*****	*****	*****
0.925	*****	-0.9773	-0.8391	-0.7097	-0.6088	*****	*****	*****	*****	*****
0.950	-1.0419	-0.9086	-0.8117	-0.6802	-0.5603	*****	*****	*****	*****	*****
0.975	*****	-1.0335	-0.8138	-0.6850	-0.5000	*****	*****	*****	*****	*****
1.000	-1.0305	-1.0154	-0.8283	-0.6895	-0.4075	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	0.3108	0.2902	0.3270	*****	-0.5533	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.3073	0.2998	0.2837	0.1068	-0.6018	*****	0.3270	0.3270	0.3270	0.3270
-0.600	0.3246	0.3074	0.2803	0.1419	-0.5793	*****	0.2837	0.2837	0.2837	0.2837
-0.700	*****	0.3108	0.2812	0.1603	-0.5520	*****	0.3074	0.3074	0.3074	0.3074
-0.800	*****	*****	0.2847	0.1850	-0.4938	*****	0.2812	0.2812	0.2812	0.2812
-0.850	*****	0.3347	0.2930	0.1891	-0.4727	*****	0.3108	0.3108	0.3108	0.3108
-0.900	0.3605	0.3334	0.3005	0.2080	-0.4478	*****	0.2930	0.2930	0.2930	0.2930
-0.950	0.3446	0.1664	0.2686	0.2081	-0.1456	*****	0.3334	0.3334	0.3334	0.3334
-0.975	*****	0.1816	0.1866	0.1544	-0.0488	*****	0.1664	0.1664	0.1664	0.1664
-1.000	-1.1210	-0.9479	-0.8159	-0.7279	-0.3708	*****	0.1816	0.1816	0.1816	0.1816

Small Radius L.E.
 Run No. = 49, Point No. = 1056
 $C_N = 0.683$, $C_m = -0.1329$
 $\alpha = 13.4^\circ$, $M_\infty = 0.901$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures

- starboard
- port



x/c_R	starb'd C_p	port C_p
0.10	-0.9623	*****
0.20	-1.0305	-1.1210
0.30	-1.0019	*****
0.40	-1.0154	-0.9479
0.50	-0.8746	*****
0.60	-0.8283	-0.8159
0.70	-0.6175	*****
0.80	-0.6895	-0.7279
0.90	-0.7884	*****
0.95	-0.4075	-0.3708

Surface Pressures

- upper, starboard
- lower, port

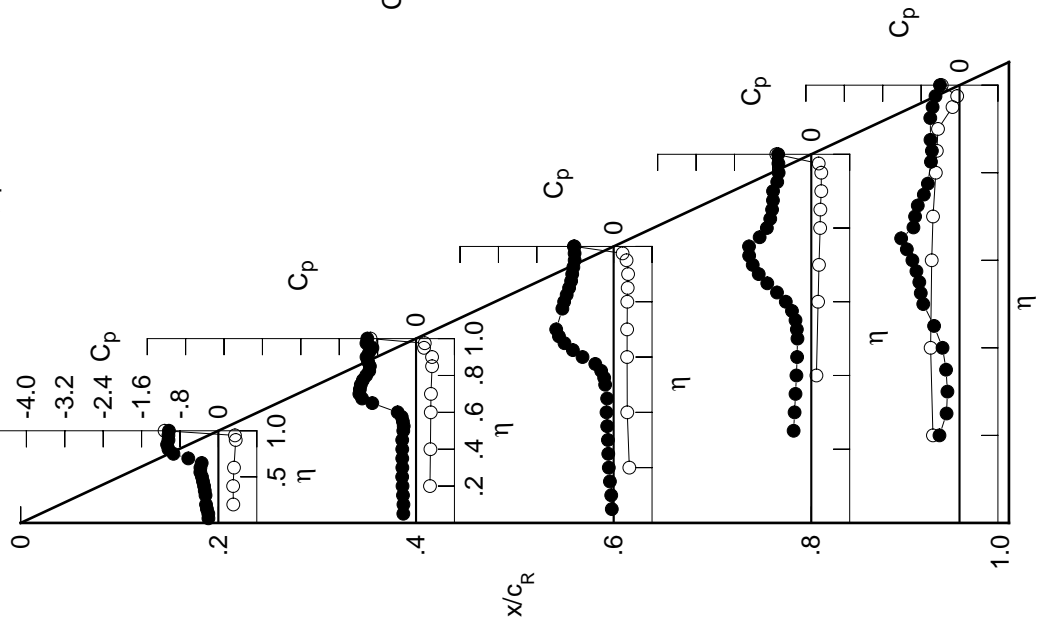


Table E6. Continued.

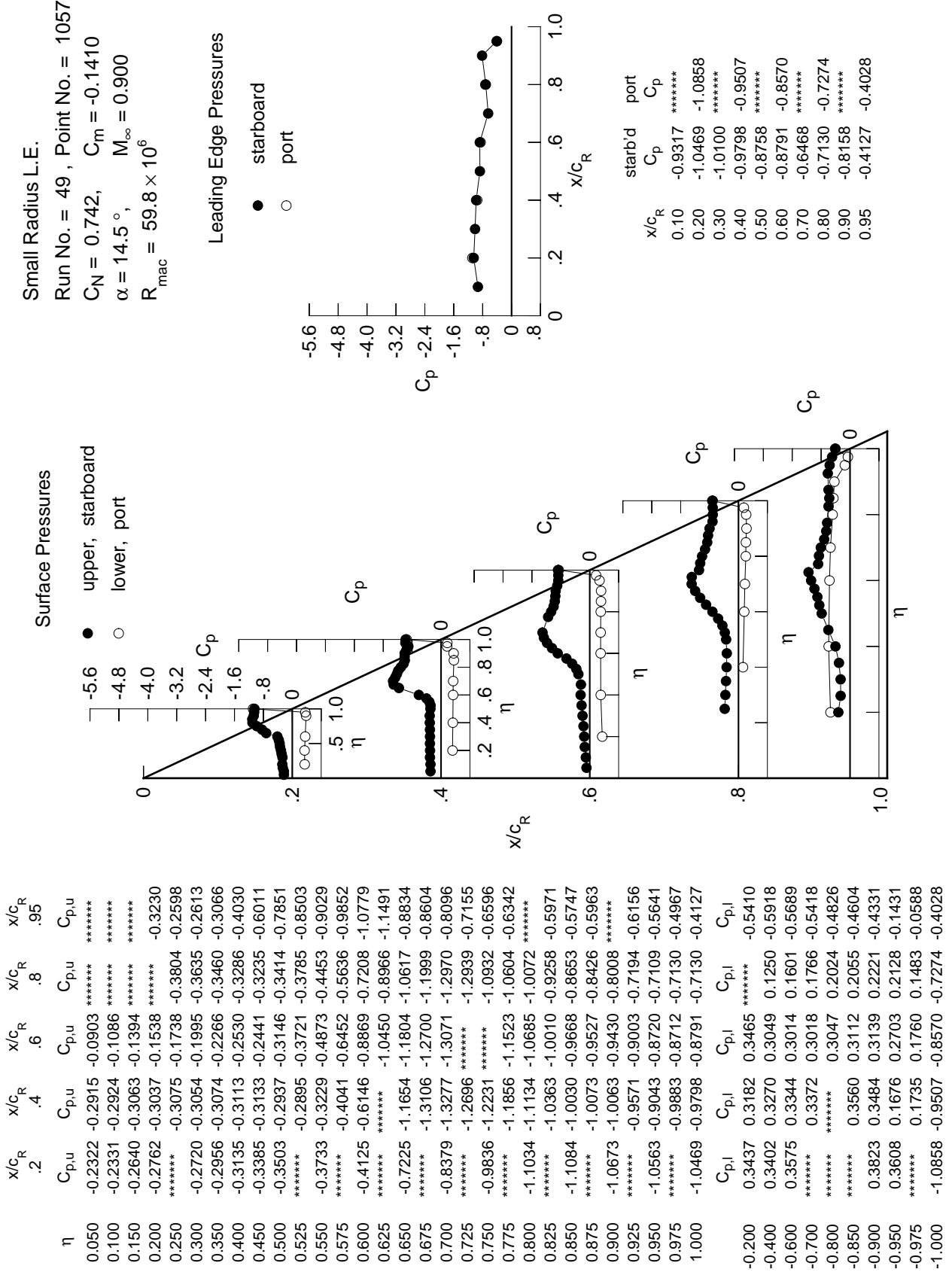


Table E6. Continued.

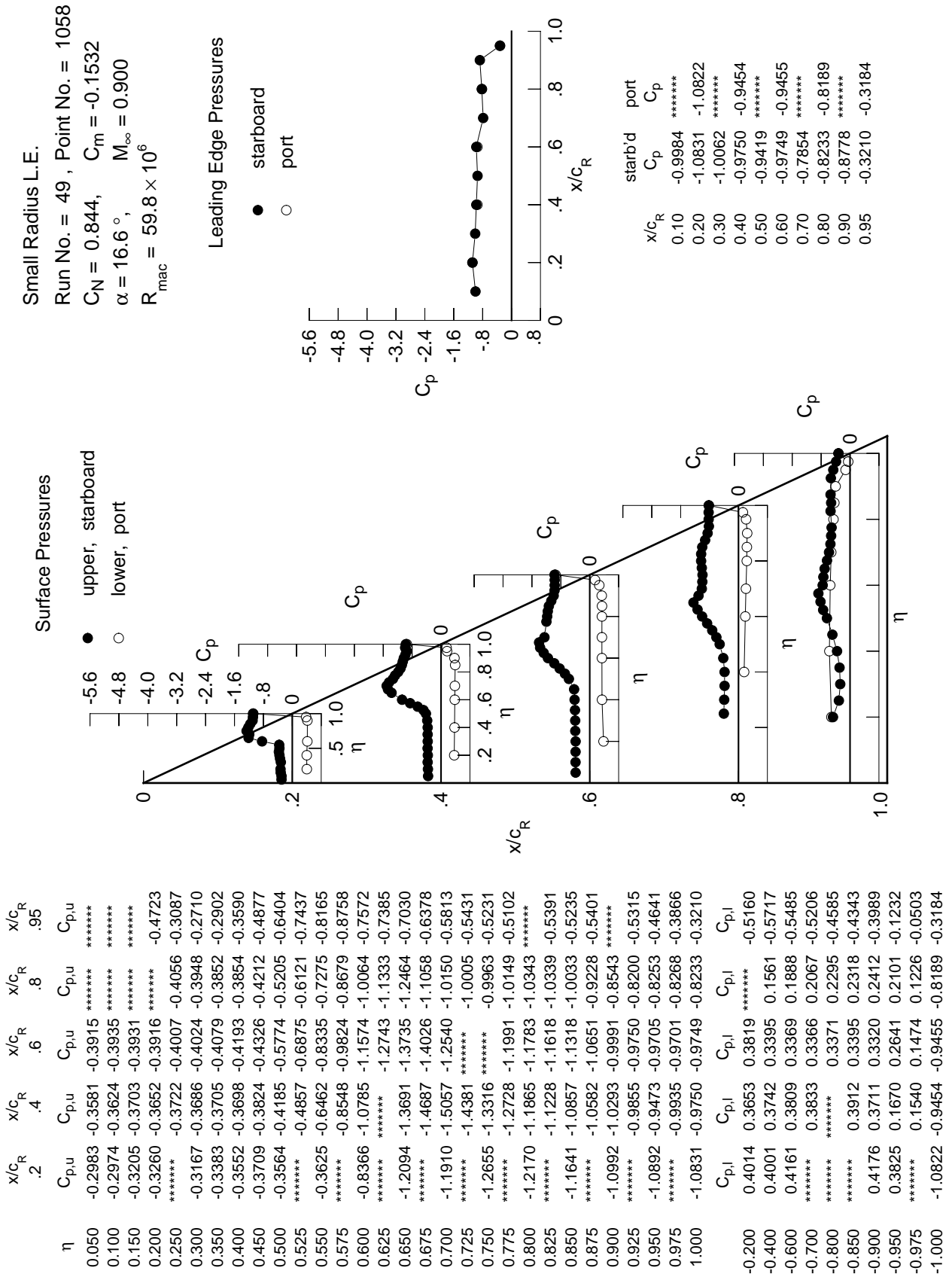


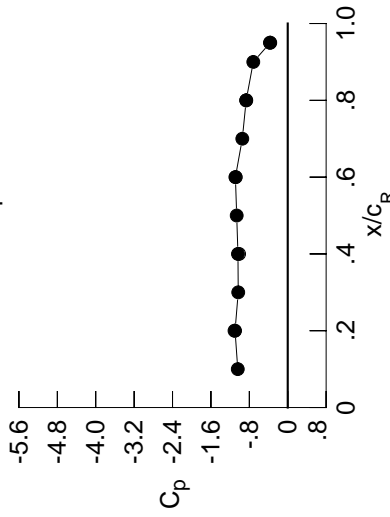
Table E6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.3495	-0.4317	-0.4634	*****	*****	*****	*****	*****	*****	*****
0.100	-0.3616	-0.4347	-0.4651	*****	*****	*****	*****	*****	*****	*****
0.150	-0.3696	-0.4441	-0.4731	*****	*****	*****	*****	*****	*****	*****
0.200	-0.3706	-0.4365	-0.4734	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.4443	-0.4798	-0.4268	-0.3878	*****	*****	*****	*****	*****
0.300	-0.3625	-0.4441	-0.4855	-0.4311	-0.3587	*****	*****	*****	*****	*****
0.350	-0.3845	-0.4526	-0.5033	-0.4499	-0.3591	*****	*****	*****	*****	*****
0.400	-0.3828	-0.4705	-0.5449	-0.4943	-0.4208	*****	*****	*****	*****	*****
0.450	-0.3805	-0.5408	-0.6230	-0.5993	-0.5331	*****	*****	*****	*****	*****
0.500	-0.4352	-0.6963	-0.8368	-0.7761	-0.6926	*****	*****	*****	*****	*****
0.525	*****	-0.8288	-0.9676	-0.8917	-0.7930	*****	*****	*****	*****	*****
0.550	-0.8983	-1.0261	-1.1041	-1.0098	-0.8832	*****	*****	*****	*****	*****
0.575	*****	-1.1853	-1.2217	-1.1290	-0.8469	*****	*****	*****	*****	*****
0.600	-1.3579	-1.3214	-1.3392	-1.2316	-0.8246	*****	*****	*****	*****	*****
0.625	*****	*****	-1.4068	-1.3187	-0.8126	*****	*****	*****	*****	*****
0.650	-1.4465	-1.4750	-1.2158	-1.1636	-0.7803	*****	*****	*****	*****	*****
0.675	*****	-1.4958	-1.1996	-1.0976	-0.7189	*****	*****	*****	*****	*****
0.700	-1.3360	-1.3788	-1.1965	-1.0841	-0.6626	*****	*****	*****	*****	*****
0.725	*****	-1.3714	*****	-1.0846	-0.6141	*****	*****	*****	*****	*****
0.750	-1.3414	-1.3809	*****	-1.0715	-0.5738	*****	*****	*****	*****	*****
0.775	*****	-1.3732	-1.2413	-1.0635	-0.5360	*****	*****	*****	*****	*****
0.800	-1.2644	-1.3280	-1.2682	-1.0718	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2204	-1.2407	-1.0635	-0.5234	*****	*****	*****	*****	*****
0.850	-1.1829	-1.1208	-1.1618	-1.0371	-0.5214	*****	*****	*****	*****	*****
0.875	*****	-1.0787	-1.0969	-0.9667	-0.5364	*****	*****	*****	*****	*****
0.900	-1.1212	-1.0569	-1.0861	-0.9132	*****	*****	*****	*****	*****	*****
0.925	*****	-1.0921	-1.0931	-0.8840	-0.5214	*****	*****	*****	*****	*****
0.950	-1.1060	-1.0091	-1.0932	-0.8798	-0.4586	*****	*****	*****	*****	*****
0.975	*****	-1.0512	-1.0832	-0.8761	-0.4113	*****	*****	*****	*****	*****
1.000	-1.0975	-1.0370	-1.0901	-0.8660	-0.3638	*****	*****	*****	*****	*****
-0.200	0.4618	0.4152	0.4190	*****	-0.4879	*****	*****	*****	*****	*****
-0.400	0.4607	0.4232	0.3783	0.1893	-0.5493	*****	*****	*****	*****	*****
-0.600	0.4735	0.4280	0.3734	0.2208	-0.5270	*****	*****	*****	*****	*****
-0.700	*****	0.4292	0.3727	0.2372	-0.4972	*****	*****	*****	*****	*****
-0.800	*****	*****	0.3696	0.2582	-0.4327	*****	*****	*****	*****	*****
-0.850	*****	0.4218	0.3663	0.2580	-0.4041	*****	*****	*****	*****	*****
-0.900	0.4492	0.3891	0.3482	0.2598	-0.3671	*****	*****	*****	*****	*****
-0.950	0.4018	0.1516	0.2564	0.2082	-0.1137	*****	*****	*****	*****	*****
-0.975	*****	0.1292	0.1180	0.0989	-0.0625	*****	*****	*****	*****	*****
-1.000	-1.1087	-1.0129	-1.0821	-0.8639	-0.3706	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 49, Point No. = 1059
 $C_N = 0.959$, $C_m = -0.1723$
 $\alpha = 18.7^\circ$, $M_\infty = 0.900$
 $R_{mac} = 59.8 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0409	*****
0.20	-1.0975	-1.1087
0.30	-1.0313	*****
0.40	-1.0370	-1.0129
0.50	-1.0632	*****
0.60	-1.0901	-1.0821
0.70	-0.9462	*****
0.80	-0.8660	-0.8639
0.90	-0.7173	*****
0.95	-0.3638	-0.3706

Surface Pressures

● upper, starboard
 ○ lower, port

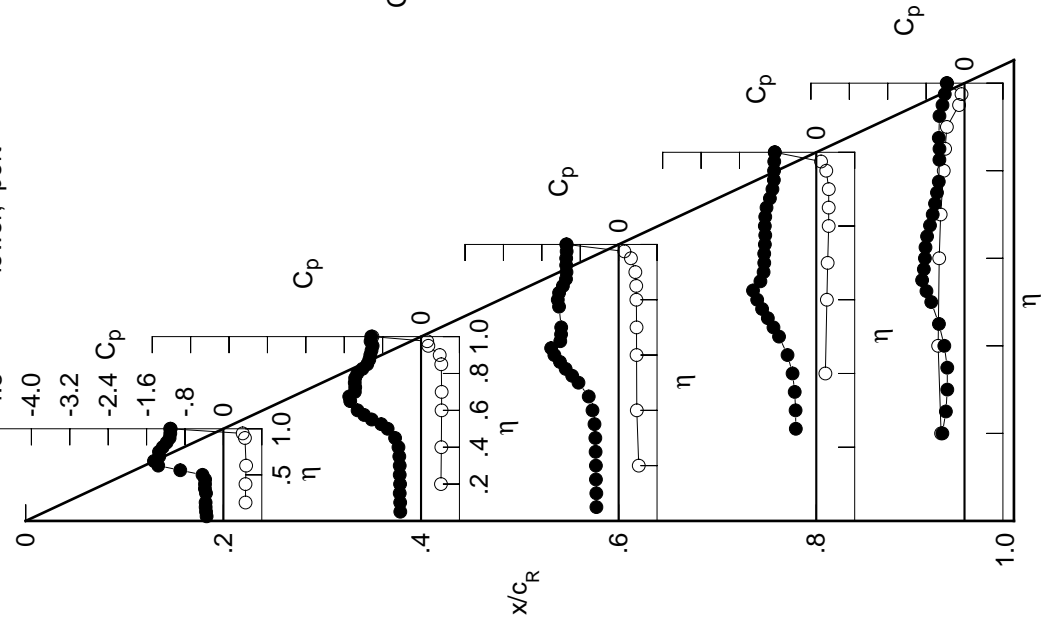


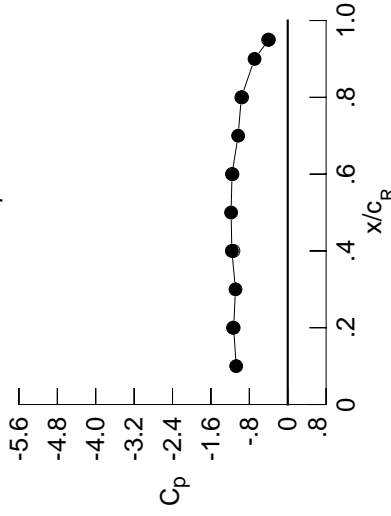
Table E6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4152	-0.5018	-0.5298	*****	*****	*****	*****	*****	*****	*****
0.100	-0.4291	-0.5066	-0.5304	*****	*****	*****	*****	*****	*****	*****
0.150	-0.4343	-0.5137	-0.5385	*****	*****	*****	*****	*****	*****	*****
0.200	-0.4320	-0.5103	-0.5394	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.5186	-0.5523	-0.5122	-0.5044	*****	*****	*****	*****	*****
0.300	-0.4225	-0.5280	-0.5714	-0.5366	-0.6642	*****	*****	*****	*****	*****
0.350	-0.4426	-0.5574	-0.6175	-0.5838	-0.7521	*****	*****	*****	*****	*****
0.400	-0.4588	-0.6167	-0.7076	-0.6734	-0.7785	*****	*****	*****	*****	*****
0.450	-0.5406	-0.7629	-0.8503	-0.8288	-0.8310	*****	*****	*****	*****	*****
0.500	-0.8409	-0.9698	-1.0717	-1.0299	-0.9004	*****	*****	*****	*****	*****
0.525	*****	-1.0859	-1.1784	-1.1342	-0.9500	*****	*****	*****	*****	*****
0.550	-1.2709	-1.2471	-1.2806	-1.2296	-0.9045	*****	*****	*****	*****	*****
0.575	*****	-1.3517	-1.3615	-1.3154	-0.9045	*****	*****	*****	*****	*****
0.600	-1.5033	-1.4390	-1.4401	-1.3865	-0.9050	*****	*****	*****	*****	*****
0.625	*****	*****	-1.2723	-1.4169	-0.8921	*****	*****	*****	*****	*****
0.650	-1.5796	-1.3237	-1.2512	-1.2157	-0.8461	*****	*****	*****	*****	*****
0.675	*****	-1.3204	-1.2531	-1.2063	-0.8059	*****	*****	*****	*****	*****
0.700	-1.4140	-1.3215	-1.2545	-1.2004	-0.7700	*****	*****	*****	*****	*****
0.725	*****	-1.3332	*****	-1.2014	-0.7116	*****	*****	*****	*****	*****
0.750	-1.3723	-1.3573	*****	-1.1999	-0.6423	*****	*****	*****	*****	*****
0.775	*****	-1.4034	-1.2956	-1.1948	-0.5810	*****	*****	*****	*****	*****
0.800	-1.2651	-1.4046	-1.2939	-1.1896	*****	*****	*****	*****	*****	*****
0.825	*****	-1.2894	-1.2577	-1.1733	-0.5287	*****	*****	*****	*****	*****
0.850	-1.2072	-1.1667	-1.2111	-1.1447	-0.5129	*****	*****	*****	*****	*****
0.875	*****	-1.1379	-1.1780	-1.0749	-0.5565	*****	*****	*****	*****	*****
0.900	-1.1651	-1.1389	-1.1698	-1.0189	*****	*****	*****	*****	*****	*****
0.925	*****	-1.1358	-1.1691	-0.9822	-0.5567	*****	*****	*****	*****	*****
0.950	-1.1362	-1.1295	-1.1661	-0.9760	-0.4714	*****	*****	*****	*****	*****
0.975	*****	-1.1553	-1.1557	-0.9765	-0.4294	*****	*****	*****	*****	*****
1.000	-1.1270	-1.1639	-1.1610	-0.9667	-0.3936	*****	*****	*****	*****	*****
-0.200	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
-0.400	0.5221	0.4662	0.4574	*****	-0.4655	*****	*****	*****	*****	*****
-0.600	0.5208	0.4733	0.4182	0.2232	-0.5242	*****	*****	*****	*****	*****
-0.700	0.5299	0.4768	0.4127	0.2538	-0.5040	*****	*****	*****	*****	*****
-0.800	*****	0.4754	0.4112	0.2676	-0.4719	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4036	0.2862	-0.4072	*****	*****	*****	*****	*****
-0.900	*****	0.4527	0.3948	0.2822	-0.3780	*****	*****	*****	*****	*****
-0.950	0.4791	0.4067	0.3653	0.2757	-0.3390	*****	*****	*****	*****	*****
-0.975	0.4195	0.1394	0.2517	0.2029	-0.1086	*****	*****	*****	*****	*****
-1.000	*****	0.1062	0.0946	0.0745	-0.0780	*****	*****	*****	*****	*****
-1.000	-1.1396	-1.1312	-1.1510	-0.9511	-0.4080	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 49, Point No. = 1060
 $C_N = 1.077$, $C_m = -0.1961$
 $\alpha = 20.8^\circ$, $M_\infty = 0.900$
 $R_{mac} = 59.8 \times 10^6$

Leading Edge Pressures

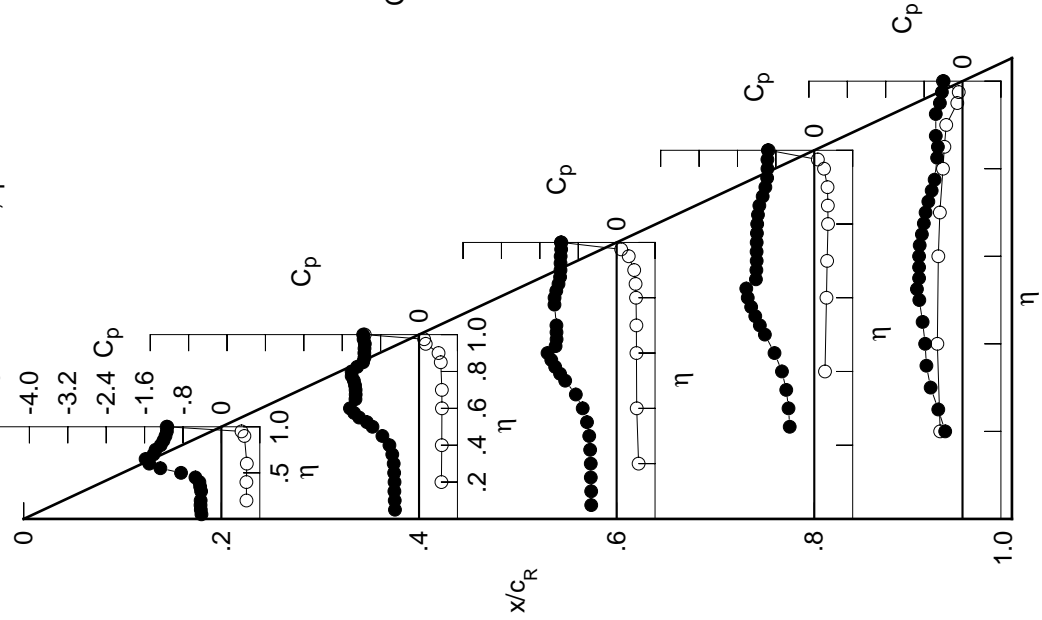
● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.0737	*****
0.20	-1.1270	-1.1396
0.30	-1.0881	*****
0.40	-1.1639	-1.1312
0.50	-1.1800	*****
0.60	-1.1610	-1.1510
0.70	-1.0335	*****
0.80	-0.9667	-0.9511
0.90	-0.6913	*****
0.95	-0.3936	-0.4080

Surface Pressures

● upper, starboard
 ○ lower, port



C_p

η

η

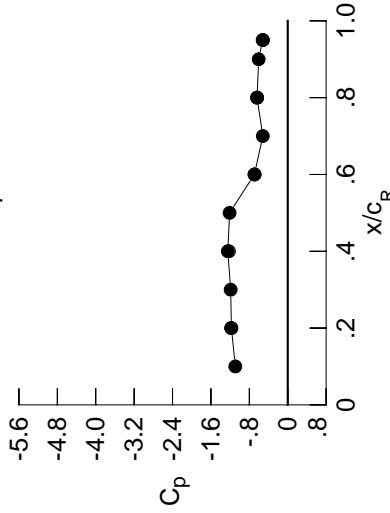
Table E6. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4799	-0.5657	0.0197	*****	*****
0.100	-0.4911	-0.5690	0.0012	*****	*****
0.150	-0.4929	-0.5762	-0.0179	*****	*****
0.200	-0.4953	-0.5792	-0.0414	*****	-0.7310
0.250	*****	-0.5981	-0.0846	-0.5486	-0.7338
0.300	-0.4902	-0.6227	-0.1441	-0.5926	-0.7441
0.350	-0.5287	-0.6803	-0.2535	-0.6753	-0.7619
0.400	-0.6065	-0.7832	-0.4373	-0.7527	-0.8029
0.450	-0.8093	-0.9609	-0.6407	-0.8365	-0.8414
0.500	-1.1395	-1.1432	-0.9500	-0.8762	-0.8276
0.525	*****	-1.2254	-1.0771	-0.8799	-0.8334
0.550	-1.4159	-1.3620	-1.1724	-0.8689	-0.7984
0.575	*****	-1.4347	-1.2638	-0.8633	-0.7943
0.600	-1.5652	-1.4390	-1.3093	-0.8596	-0.7690
0.625	*****	*****	-1.1593	-0.8507	-0.7615
0.650	-1.5036	-1.2998	-1.0105	-0.8700	-0.7590
0.675	*****	-1.3051	-0.9591	-0.8808	-0.7449
0.700	-1.4956	-1.3062	-0.9340	-0.8497	-0.7399
0.725	*****	-1.3187	*****	-0.8281	-0.7399
0.750	-1.4140	-1.3497	*****	-0.7996	-0.7336
0.775	*****	-1.3878	-0.9050	-0.7873	-0.7238
0.800	-1.2547	-1.3591	-0.9029	-0.7586	*****
0.825	*****	-1.2884	-0.8811	-0.7566	-0.6994
0.850	-1.2192	-1.2336	-0.8294	-0.7208	-0.6782
0.875	*****	-1.2175	-0.7738	-0.7034	-0.6596
0.900	-1.1903	-1.2250	-0.7425	-0.6882	*****
0.925	*****	-1.2295	-0.7199	-0.6679	-0.6505
0.950	-1.1793	-1.2307	-0.6935	-0.6521	-0.5872
0.975	*****	-1.2277	-0.6642	-0.6395	-0.5546
1.000	-1.1733	-1.2480	-0.6939	-0.6392	-0.5222
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5787	0.5138	0.4966	*****	-0.4509
-0.400	0.5769	0.5207	0.4578	0.2529	-0.5129
-0.600	0.5815	0.5211	0.4531	0.2839	-0.4909
-0.700	*****	0.5189	0.4521	0.2973	-0.4608
-0.800	*****	*****	0.4432	0.3140	-0.3960
-0.850	*****	0.4809	0.4318	0.3104	-0.3712
-0.900	0.5052	0.4236	0.3958	0.3019	-0.3372
-0.950	0.4343	0.1838	0.2725	0.2280	-0.1208
-0.975	*****	0.0884	0.1117	0.1054	-0.1032
-1.000	-1.1793	-1.2239	-0.6892	-0.6372	-0.5151

Small Radius L.E.
 Run No. = 49, Point No. = 1061
 $C_N = 1.022$, $C_m = -0.1662$
 $\alpha = 22.7^\circ$, $M_\infty = 0.901$
 $R_{mac} = 59.7 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



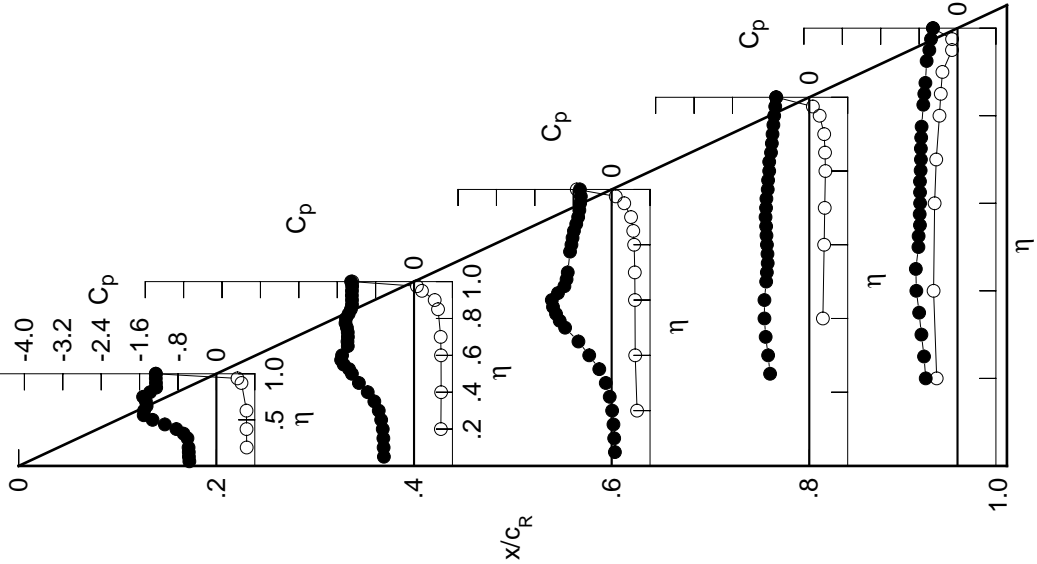
x/c_R	starb'd C_p	port C_p
0.10	-1.0920	*****
0.20	-1.1733	-1.1793
0.30	-1.1886	*****
0.40	-1.2480	-1.2239
0.50	-1.2108	*****
0.60	-0.6939	-0.6892
0.70	-0.5188	*****
0.80	-0.6392	-0.6372
0.90	-0.6057	*****
0.95	-0.5222	-0.5151

Table E6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.5634	-0.6283	0.0680	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5730	-0.6332	0.0526	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5751	-0.6390	0.0372	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5801	-0.6517	0.0105	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.6850	-0.0402	-0.8169	-0.6975	*****	*****	*****	*****	*****
0.300	-0.6027	-0.7349	-0.1225	-0.8576	-0.7523	*****	*****	*****	*****	*****
0.350	-0.6831	-0.8271	-0.2578	-0.9087	-0.7995	*****	*****	*****	*****	*****
0.400	-0.8339	-0.9651	-0.4668	-0.9342	-0.8574	*****	*****	*****	*****	*****
0.450	-1.0740	-1.1485	-0.6919	-0.9345	-0.8678	*****	*****	*****	*****	*****
0.500	-1.3295	-1.2940	-0.9698	-0.8983	-0.8140	*****	*****	*****	*****	*****
0.525	*****	-1.3526	-1.0820	-0.8841	-0.8105	*****	*****	*****	*****	*****
0.550	-1.5143	-1.4656	-1.1585	-0.8667	-0.7820	*****	*****	*****	*****	*****
0.575	*****	-1.5191	-1.2220	-0.8711	-0.7878	*****	*****	*****	*****	*****
0.600	-1.5071	-1.4994	-1.2467	-0.8824	-0.7789	*****	*****	*****	*****	*****
0.625	*****	*****	-1.1186	-0.8919	-0.7811	*****	*****	*****	*****	*****
0.650	-1.4538	-1.3796	-0.9843	-0.8995	-0.7821	*****	*****	*****	*****	*****
0.675	*****	-1.3860	-0.9390	-0.9109	-0.7681	*****	*****	*****	*****	*****
0.700	-1.4687	-1.3784	-0.9143	-0.9006	-0.7628	*****	*****	*****	*****	*****
0.725	*****	-1.3809	*****	-0.8932	-0.7631	*****	*****	*****	*****	*****
0.750	-1.5275	-1.3984	*****	-0.8654	-0.7571	*****	*****	*****	*****	*****
0.775	*****	-1.4276	-0.8670	-0.8583	-0.7478	*****	*****	*****	*****	*****
0.800	-1.3814	-1.4173	-0.8378	-0.8354	*****	*****	*****	*****	*****	*****
0.825	*****	-1.3627	-0.8143	-0.8352	-0.7124	*****	*****	*****	*****	*****
0.850	-1.2546	-1.3151	-0.7854	-0.7977	-0.6920	*****	*****	*****	*****	*****
0.875	*****	-1.2931	-0.7375	-0.7799	-0.6689	*****	*****	*****	*****	*****
0.900	-1.2591	-1.2926	-0.6976	-0.7656	*****	*****	*****	*****	*****	*****
0.925	*****	-1.2952	-0.6724	-0.7481	-0.6434	*****	*****	*****	*****	*****
0.950	-1.2626	-1.2934	-0.6569	-0.7311	-0.5875	*****	*****	*****	*****	*****
0.975	*****	-1.2895	-0.6417	-0.7093	-0.5518	*****	*****	*****	*****	*****
1.000	-1.2613	-1.3111	-0.6610	-0.6919	-0.5116	*****	*****	*****	*****	*****
-0.200	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.400	0.6310	0.5590	0.5299	*****	-0.4333	*****	*****	*****	*****	*****
-0.600	0.6284	0.5647	0.4910	0.2832	-0.4982	*****	*****	*****	*****	*****
-0.700	0.6275	0.5627	0.4859	0.3099	-0.4769	*****	*****	*****	*****	*****
-0.800	*****	0.5556	0.4823	0.3217	-0.4430	*****	*****	*****	*****	*****
-0.850	*****	*****	0.4688	0.3358	-0.3759	*****	*****	*****	*****	*****
-0.900	*****	0.5004	0.4504	0.3283	-0.3489	*****	*****	*****	*****	*****
-0.950	0.5222	0.4304	0.4044	0.3100	-0.3140	*****	*****	*****	*****	*****
-0.975	0.4389	0.1649	0.2621	0.2162	-0.1149	*****	*****	*****	*****	*****
-1.000	*****	0.0596	0.0853	0.0744	-0.1126	*****	*****	*****	*****	*****
	-1.2621	-1.2852	-0.7265	-0.6869	-0.5102	*****	*****	*****	*****	*****

Surface Pressures

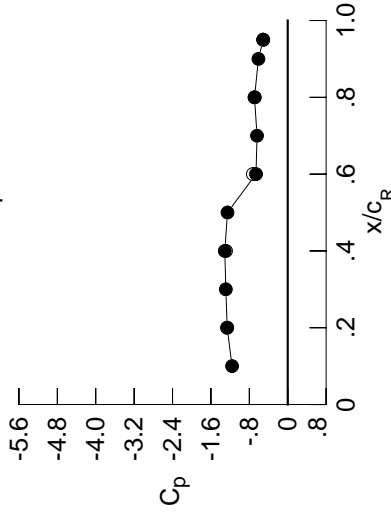
● upper, starboard
○ lower, port



Small Radius L.E.
Run No. = 49, Point No. = 1062
 $C_N = 1.115$, $C_m = -0.1817$
 $\alpha = 24.7^\circ$, $M_\infty = 0.895$
 $R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

● starboard
○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1600	*****
0.20	-1.2613	-1.2621
0.30	-1.2892	*****
0.40	-1.3111	-1.2852
0.50	-1.2554	*****
0.60	-0.6610	-0.7265
0.70	-0.6397	*****
0.80	-0.6919	-0.6869
0.90	-0.6101	*****
0.95	-0.5116	-0.5102

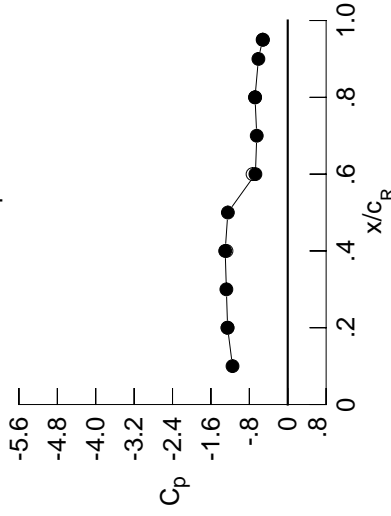
Table E6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$	$C_{p,u}$	$C_{p,l}$
0.050	-0.5622	-0.6273	0.0559	*****	*****	*****	*****	*****	*****	*****
0.100	-0.5713	-0.6324	0.0403	*****	*****	*****	*****	*****	*****	*****
0.150	-0.5744	-0.6385	0.0244	*****	*****	*****	*****	*****	*****	*****
0.200	-0.5796	-0.6535	-0.0040	*****	*****	*****	*****	*****	*****	-0.6766
0.250	*****	-0.6886	-0.0563	-0.8225	-0.7066	*****	*****	*****	*****	-0.7066
0.300	-0.6071	-0.7397	-0.1432	-0.8594	-0.7563	*****	*****	*****	*****	-0.7563
0.350	-0.6912	-0.8327	-0.2834	-0.9068	-0.8050	*****	*****	*****	*****	-0.8050
0.400	-0.8477	-0.9721	-0.4958	-0.9326	-0.8646	*****	*****	*****	*****	-0.8646
0.450	-1.0868	-1.1519	-0.7164	-0.9332	-0.8753	*****	*****	*****	*****	-0.8753
0.500	-1.3320	-1.2923	-0.9869	-0.8929	-0.8242	*****	*****	*****	*****	-0.8242
0.525	*****	-1.3475	-1.0905	-0.8747	-0.8196	*****	*****	*****	*****	-0.8196
0.550	-1.5062	-1.4568	-1.1512	-0.8574	-0.7889	*****	*****	*****	*****	-0.7889
0.575	*****	-1.5080	-1.1902	-0.8647	-0.7940	*****	*****	*****	*****	-0.7940
0.600	-1.4883	-1.4703	-1.1917	-0.8782	-0.7816	*****	*****	*****	*****	-0.7816
0.625	*****	*****	-1.0670	-0.8860	-0.7826	*****	*****	*****	*****	-0.7826
0.650	-1.4417	-1.3692	-0.9681	-0.8948	-0.7847	*****	*****	*****	*****	-0.7847
0.675	*****	-1.3766	-0.9434	-0.9067	-0.7751	*****	*****	*****	*****	-0.7751
0.700	-1.4569	-1.3701	-0.9291	-0.8979	-0.7714	*****	*****	*****	*****	-0.7714
0.725	*****	-1.3729	*****	-0.8892	-0.7690	*****	*****	*****	*****	-0.7690
0.750	-1.5150	-1.3888	*****	-0.8650	-0.7606	*****	*****	*****	*****	-0.7606
0.775	*****	-1.4189	-0.8827	-0.8576	-0.7517	*****	*****	*****	*****	-0.7517
0.800	-1.3520	-1.4096	-0.8519	-0.8302	*****	*****	*****	*****	*****	*****
0.825	*****	-1.3554	-0.8241	-0.8309	-0.7195	*****	*****	*****	*****	-0.7195
0.850	-1.2454	-1.3054	-0.7935	-0.7903	-0.7012	*****	*****	*****	*****	-0.7012
0.875	*****	-1.2831	-0.7488	-0.7694	-0.6771	*****	*****	*****	*****	-0.6771
0.900	-1.2493	-1.2823	-0.7133	-0.7568	*****	*****	*****	*****	*****	*****
0.925	*****	-1.2866	-0.6859	-0.7404	-0.6529	*****	*****	*****	*****	-0.6529
0.950	-1.2529	-1.2845	-0.6707	-0.7227	-0.5967	*****	*****	*****	*****	-0.5967
0.975	*****	-1.2801	-0.6550	-0.7000	-0.5613	*****	*****	*****	*****	-0.5613
1.000	-1.2524	-1.3030	-0.6733	-0.6816	-0.5230	*****	*****	*****	*****	-0.5230
-0.200	0.6411	0.5684	0.5385	*****	-0.4207	*****	*****	*****	*****	-0.4207
-0.400	0.6382	0.5736	0.4998	0.2911	-0.4848	*****	*****	*****	*****	-0.4848
-0.600	0.6369	0.5712	0.4935	0.3178	-0.4641	*****	*****	*****	*****	-0.4641
-0.700	*****	0.5646	0.4897	0.3293	-0.4310	*****	*****	*****	*****	-0.4310
-0.800	*****	*****	0.4762	0.3433	-0.3657	*****	*****	*****	*****	-0.3657
-0.850	*****	0.5088	0.4579	0.3355	-0.3385	*****	*****	*****	*****	-0.3385
-0.900	0.5310	0.4393	0.4109	0.3168	-0.3050	*****	*****	*****	*****	-0.3050
-0.950	0.4475	0.1692	0.2679	0.2209	-0.1094	*****	*****	*****	*****	-0.1094
-0.975	*****	0.0673	0.0905	0.0786	-0.1102	*****	*****	*****	*****	-0.1102
-1.000	-1.2562	-1.2758	-0.7332	-0.6796	-0.5159	*****	*****	*****	*****	-0.5159

Small Radius L.E.
 Run No. = 49, Point No. = 1063
 $C_N = 1.120$, $C_m = -0.1816$
 $\alpha = 24.9^\circ$, $M_\infty = 0.900$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1505	*****
0.20	-1.2524	-1.2562
0.30	-1.2784	*****
0.40	-1.3030	-1.2758
0.50	-1.2475	*****
0.60	-0.6733	-0.7332
0.70	-0.6452	*****
0.80	-0.6816	-0.6796
0.90	-0.6109	*****
0.95	-0.5230	-0.5159

Surface Pressures

● upper, starboard
 ○ lower, port

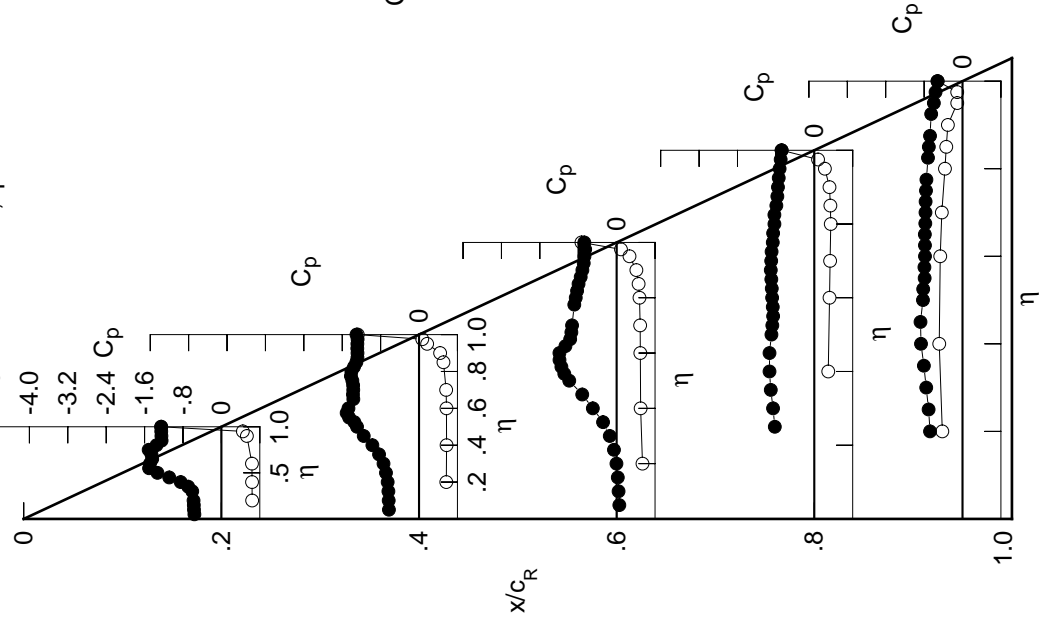


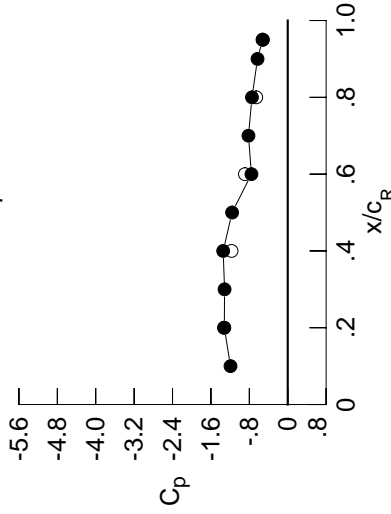
Table E6. Continued.

η	$x/c_R = .2$		$x/c_R = .4$		$x/c_R = .6$		$x/c_R = .8$		$x/c_R = .95$	
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.6464	-0.6533	-0.4099	*****	*****	*****	*****	*****	*****	*****
0.100	-0.6441	-0.6688	-0.3972	*****	*****	*****	*****	*****	*****	*****
0.150	-0.6564	-0.6960	-0.3882	*****	*****	*****	*****	*****	*****	*****
0.200	-0.6672	-0.7123	-0.3872	*****	*****	*****	*****	*****	*****	*****
0.250	*****	-0.7618	-0.4105	-0.8863	-0.7284	*****	*****	*****	*****	-0.6786
0.300	-0.7357	-0.8360	-0.4611	-0.9210	-0.7959	*****	*****	*****	*****	*****
0.350	-0.8526	-0.9477	-0.5626	-0.9555	-0.8464	*****	*****	*****	*****	*****
0.400	-1.0253	-1.0938	-0.7138	-0.9650	-0.8824	*****	*****	*****	*****	*****
0.450	-1.2300	-1.2597	-0.8585	-0.9497	-0.8602	*****	*****	*****	*****	*****
0.500	-1.4130	-1.3715	-1.0521	-0.9023	-0.8016	*****	*****	*****	*****	*****
0.525	*****	-1.4138	-1.1294	-0.8900	-0.8026	*****	*****	*****	*****	*****
0.550	-1.5428	-1.5091	-1.1750	-0.8794	-0.7854	*****	*****	*****	*****	*****
0.575	*****	-1.5483	-1.1946	-0.8978	-0.7969	*****	*****	*****	*****	*****
0.600	-1.4046	-1.4788	-1.1834	-0.9180	-0.7931	*****	*****	*****	*****	*****
0.625	*****	*****	-1.0971	-0.9212	-0.7996	*****	*****	*****	*****	*****
0.650	-1.4151	-1.4125	-1.0268	-0.9216	-0.8036	*****	*****	*****	*****	*****
0.675	*****	-1.4217	-1.0036	-0.9321	-0.7952	*****	*****	*****	*****	*****
0.700	-1.4422	-1.4195	-0.9761	-0.9274	-0.7893	*****	*****	*****	*****	*****
0.725	*****	-1.4244	*****	-0.9262	-0.7860	*****	*****	*****	*****	*****
0.750	-1.5150	-1.4371	*****	-0.9037	-0.7757	*****	*****	*****	*****	*****
0.775	*****	-1.4668	-0.9093	-0.8998	-0.7650	*****	*****	*****	*****	*****
0.800	-1.3745	-1.4773	-0.8850	-0.8830	*****	*****	*****	*****	*****	*****
0.825	*****	-1.4316	-0.8654	-0.8907	-0.7261	*****	*****	*****	*****	*****
0.850	-1.3047	-1.3640	-0.8559	-0.8685	-0.7079	*****	*****	*****	*****	*****
0.875	*****	-1.3198	-0.8324	-0.8426	-0.6819	*****	*****	*****	*****	*****
0.900	-1.3290	-1.3122	-0.7992	-0.8228	*****	*****	*****	*****	*****	*****
0.925	*****	-1.3168	-0.7663	-0.8035	-0.6537	*****	*****	*****	*****	*****
0.950	-1.3238	-1.3186	-0.7513	-0.7865	-0.6039	*****	*****	*****	*****	*****
0.975	*****	-1.3147	-0.7368	-0.7655	-0.5679	*****	*****	*****	*****	*****
1.000	-1.3211	-1.3450	-0.7558	-0.7449	-0.5257	*****	*****	*****	*****	*****
-0.200	0.6911	0.6121	0.5719	*****	-0.3957	*****	*****	*****	*****	*****
-0.400	0.6875	0.6157	0.5344	0.3229	-0.4619	*****	*****	*****	*****	*****
-0.600	0.6805	0.6113	0.5270	0.3465	-0.4414	*****	*****	*****	*****	*****
-0.700	*****	0.6019	0.5204	0.3577	-0.4070	*****	*****	*****	*****	*****
-0.800	*****	*****	0.5014	0.3664	-0.3389	*****	*****	*****	*****	*****
-0.850	*****	0.5303	0.4772	0.3565	-0.3128	*****	*****	*****	*****	*****
-0.900	0.5492	0.4503	0.4201	0.3295	-0.2795	*****	*****	*****	*****	*****
-0.950	0.4560	0.1527	0.2587	0.2177	-0.0988	*****	*****	*****	*****	*****
-0.975	*****	0.0535	0.0666	0.0625	-0.1114	*****	*****	*****	*****	*****
-1.000	-1.3284	-1.1701	-0.8923	-0.6560	-0.5160	*****	*****	*****	*****	*****

Small Radius L.E.
 Run No. = 49, Point No. = 1064
 $C_N = 1.174$, $C_M = -0.1874$
 $\alpha = 26.8^\circ$, $M_\infty = 0.899$
 $R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	-1.1923	*****
0.20	-1.3211	-1.3284
0.30	-1.3160	*****
0.40	-1.3450	-1.1701
0.50	-1.1593	*****
0.60	-0.7558	-0.8923
0.70	-0.8183	*****
0.80	-0.7449	-0.6560
0.90	-0.6290	*****
0.95	-0.5257	-0.5160

Surface Pressures

● upper, starboard
 ○ lower, port

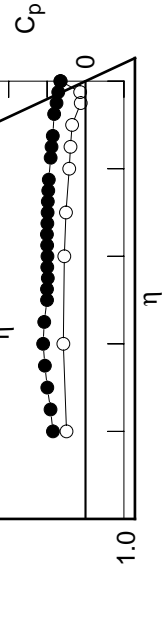
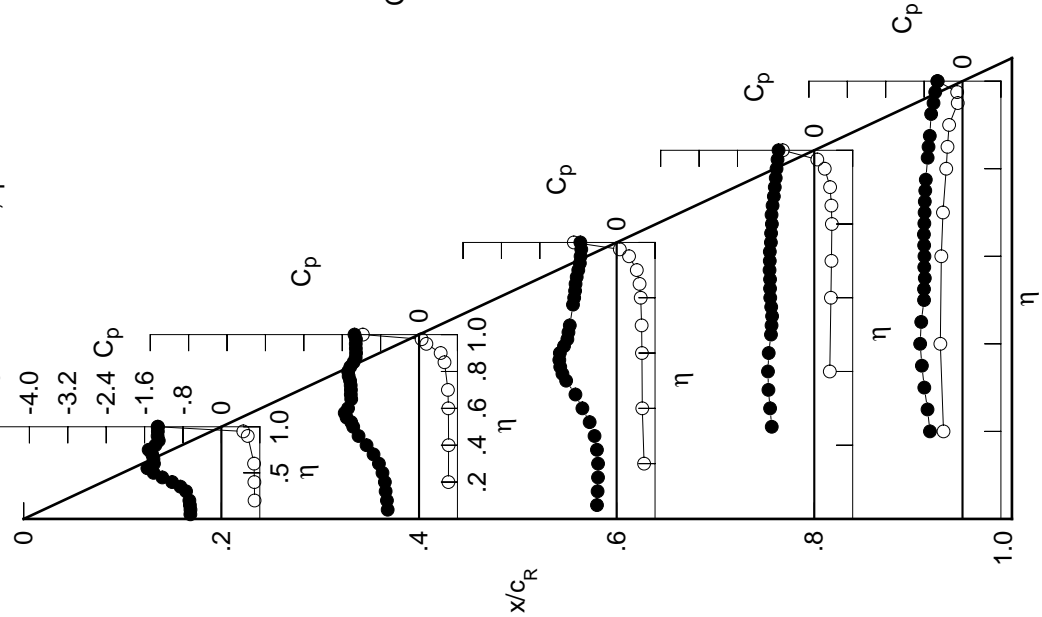


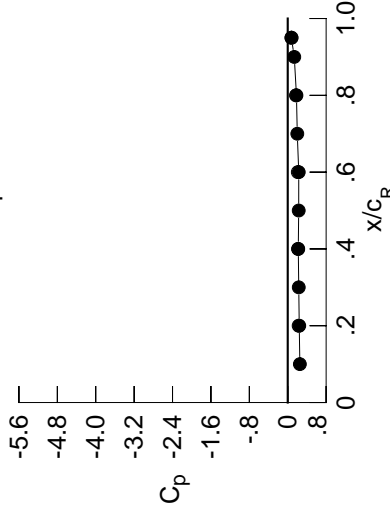
Table E6. Concluded.

η	x/c_R .2	$C_{p,u}$	x/c_R .4	$C_{p,u}$	x/c_R .6	$C_{p,u}$	x/c_R .8	$C_{p,u}$	x/c_R .95	$C_{p,u}$
0.050	0.0006	0.0130	0.01489	0.1489	0.1489	0.1489	0.1489	0.1489	0.1489	0.1489
0.100	0.0032	0.0124	0.1400	0.1400	0.1400	0.1400	0.1400	0.1400	0.1400	0.1400
0.150	0.0004	0.0123	0.1273	0.1273	0.1273	0.1273	0.1273	0.1273	0.1273	0.1273
0.200	-0.0030	0.0157	0.1155	0.1155	0.1155	0.1155	0.1155	0.1155	0.1155	0.1155
0.250	*****	0.0110	0.1022	-0.1271	-0.1271	-0.1271	-0.1271	-0.1271	-0.1271	-0.1271
0.300	-0.0048	0.0114	0.0923	-0.1119	-0.1119	-0.1119	-0.1119	-0.1119	-0.1119	-0.1119
0.350	-0.0174	0.0084	0.0819	-0.0996	-0.0996	-0.0996	-0.0996	-0.0996	-0.0996	-0.0996
0.400	-0.0231	0.0077	0.0726	-0.0864	-0.0864	-0.0864	-0.0864	-0.0864	-0.0864	-0.0864
0.450	-0.0324	0.0019	0.0808	-0.0787	-0.0787	-0.0787	-0.0787	-0.0787	-0.0787	-0.0787
0.500	-0.0363	0.0040	0.0556	-0.0714	-0.0714	-0.0714	-0.0714	-0.0714	-0.0714	-0.0714
0.525	*****	0.0005	0.0521	-0.0726	-0.0726	-0.0726	-0.0726	-0.0726	-0.0726	-0.0726
0.550	-0.0428	-0.0063	0.0484	-0.0667	-0.0667	-0.0667	-0.0667	-0.0667	-0.0667	-0.0667
0.575	*****	-0.0081	0.0546	-0.0663	-0.0663	-0.0663	-0.0663	-0.0663	-0.0663	-0.0663
0.600	-0.0434	-0.0124	0.0383	-0.0658	-0.0658	-0.0658	-0.0658	-0.0658	-0.0658	-0.0658
0.625	*****	*****	0.0403	-0.0625	-0.0625	-0.0625	-0.0625	-0.0625	-0.0625	-0.0625
0.650	-0.0418	-0.0180	0.0323	-0.0615	-0.0615	-0.0615	-0.0615	-0.0615	-0.0615	-0.0615
0.675	*****	-0.0266	0.0256	-0.0635	-0.0635	-0.0635	-0.0635	-0.0635	-0.0635	-0.0635
0.700	-0.0340	-0.0328	0.0230	-0.0620	-0.0620	-0.0620	-0.0620	-0.0620	-0.0620	-0.0620
0.725	*****	-0.0406	*****	-0.0613	-0.0613	-0.0613	-0.0613	-0.0613	-0.0613	-0.0613
0.750	-0.0241	-0.0469	*****	-0.0622	-0.0622	-0.0622	-0.0622	-0.0622	-0.0622	-0.0622
0.775	*****	-0.0529	-0.0020	-0.0685	-0.0685	-0.0685	-0.0685	-0.0685	-0.0685	-0.0685
0.800	-0.0005	-0.0539	-0.0142	-0.0749	-0.0749	-0.0749	-0.0749	-0.0749	-0.0749	-0.0749
0.825	*****	-0.0539	-0.0259	-0.0773	-0.0773	-0.0773	-0.0773	-0.0773	-0.0773	-0.0773
0.850	0.0305	-0.0480	-0.0355	-0.0890	-0.0890	-0.0890	-0.0890	-0.0890	-0.0890	-0.0890
0.875	*****	-0.0343	-0.0390	-0.1026	-0.1026	-0.1026	-0.1026	-0.1026	-0.1026	-0.1026
0.900	0.0753	-0.0115	-0.0346	-0.1061	-0.1061	-0.1061	-0.1061	-0.1061	-0.1061	-0.1061
0.925	*****	0.0208	-0.0152	-0.0959	-0.0959	-0.0959	-0.0959	-0.0959	-0.0959	-0.0959
0.950	0.1121	0.0513	0.0200	-0.0649	-0.2931	-0.2931	-0.2931	-0.2931	-0.2931	-0.2931
0.975	*****	0.0986	0.0892	-0.0003	-0.1565	-0.1565	-0.1565	-0.1565	-0.1565	-0.1565
1.000	0.2397	0.2196	0.2296	0.1818	0.0756	0.0756	0.0756	0.0756	0.0756	0.0756
-0.200	-0.0158	0.0078	0.1172	0.1172	0.1172	0.1172	0.1172	0.1172	0.1172	0.1172
-0.400	-0.0452	0.0052	0.0615	-0.0949	-0.7103	-0.7103	-0.7103	-0.7103	-0.7103	-0.7103
-0.600	-0.0697	0.0144	0.0322	-0.0743	-0.7048	-0.7048	-0.7048	-0.7048	-0.7048	-0.7048
-0.700	*****	-0.0497	0.0068	-0.0701	-0.6896	-0.6896	-0.6896	-0.6896	-0.6896	-0.6896
-0.800	*****	*****	-0.0398	-0.0844	-0.6643	-0.6643	-0.6643	-0.6643	-0.6643	-0.6643
-0.850	*****	-0.0765	-0.0646	-0.1164	-0.6781	-0.6781	-0.6781	-0.6781	-0.6781	-0.6781
-0.900	-0.0029	-0.0449	-0.0697	-0.1423	-0.5269	-0.5269	-0.5269	-0.5269	-0.5269	-0.5269
-0.950	0.0369	0.0270	-0.0137	-0.1026	-0.3247	-0.3247	-0.3247	-0.3247	-0.3247	-0.3247
-0.975	*****	0.0707	0.0418	-0.0368	-0.1955	-0.1955	-0.1955	-0.1955	-0.1955	-0.1955
-1.000	0.2270	0.2151	0.2097	0.1716	0.0812	0.0812	0.0812	0.0812	0.0812	0.0812

Small Radius L.E.
 Run No. = 49, Point No. = 1065
 $C_N = -0.006$, $C_m = -0.0043$
 $\alpha = -0.4^\circ$, $M_\infty = 0.899$
 $R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures

● starboard
 ○ port



x/c_R	starb'd C_p	port C_p
0.10	0.2526	*****
0.20	0.2397	0.2270
0.30	0.2297	*****
0.40	0.2196	0.2151
0.50	0.2286	*****
0.60	0.2296	0.2097
0.70	0.1989	*****
0.80	0.1818	0.1716
0.90	0.1364	*****
0.95	0.0756	0.0812

Surface Pressures

● upper, starboard
 ○ lower, port

