Appendix E

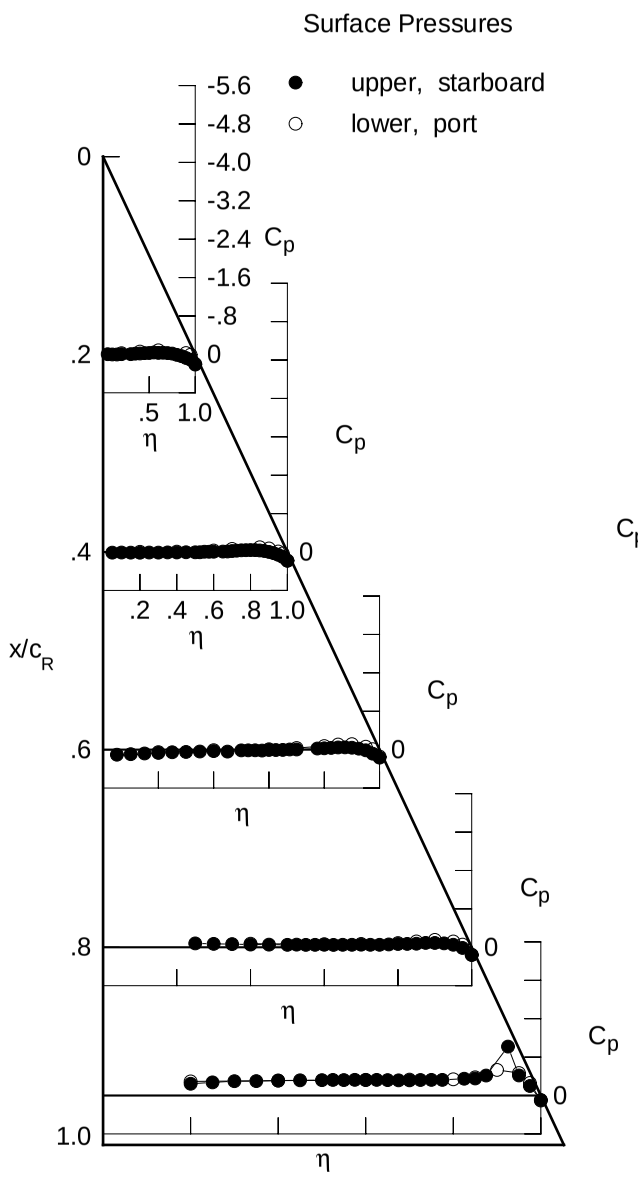
Experimental Surface Pressure Data for 65° Delta Wing, $R_{mac} = 60 \times 10^6$

The experimental surface pressure data for the 65° delta wing at constant $R_{mac} = 60 \times 10^6$ 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.

	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
η	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0041	0.0127	0.1055	*******	*******
0.100	0.0012	0.0107	0.0945	*******	*******
0.150	0.0023	0.0125	0.0802	*******	*******
0.200	-0.0049	0.0148	0.0681	*******	-0.2446
0.250	*******	0.0107	0.0546	-0.0808	-0.2735
0.300	-0.0045	0.0123	0.0482	-0.0709	-0.2983
0.350	-0.0154	0.0078	0.0391	-0.0664	-0.3000
0.400	-0.0185	0.0090	0.0301	-0.0569	-0.3121
0.450	-0.0262	0.0047	0.0412	-0.0554	-0.3165
0.500	-0.0286	0.0052	0.0155	-0.0511	-0.3197
0.525	*******	0.0052	0.0146	-0.0551	-0.3247
0.550	-0.0401	-0.0064	0.0134	-0.0507	-0.3213
0.575	*******	-0.0058	0.0195	-0.0508	-0.3263
0.600	-0.0313	-0.0061	0.0062	-0.0530	-0.3268
0.625	*******	*******	0.0079	-0.0496	-0.3257
0.650	-0.0344	-0.0099	0.0060	-0.0521	-0.3208
0.675	*******	-0.0115	-0.0029	-0.0520	-0.3163
0.700	-0.0268	-0.0210	-0.0028	-0.0540	-0.3157
0.725	*******	-0.0280	*******	-0.0519	-0.3229
0.750	-0.0168	-0.0357	*******	-0.0522	-0.3255
0.775	*******	-0.0382	-0.0229	-0.0591	-0.3258
0.800	0.0093	-0.0411	-0.0281	-0.0689	*******
0.825	*******	-0.0399	-0.0356	-0.0703	-0.3498
0.850	0.0362	-0.0329	-0.0452	-0.0743	-0.3553
0.875	*******	-0.0213	-0.0468	-0.0910	-0.4164
0.900	0.0745	-0.0025	-0.0403	-0.0907	*******
0.925	*******	0.0234	-0.0201	-0.0819	-1.0193
0.950	0.1113	0.0579	0.0135	-0.0525	-0.4179
0.975	*******	0.1029	0.0840	0.0139	-0.1982
1.000	0.2123	0.1816	0.1662	0.1609	0.0927
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0251	-0.0051	0.0517	*******	-0.2934
-0.400	-0.0582	-0.0076	0.0109	-0.0742	-0.3097
-0.600	-0.0847	-0.0309	-0.0083	-0.0650	-0.3218
-0.700	*******	-0.0649	-0.0334	-0.0698	-0.3316
-0.800	*******	*******	-0.0747	-0.0878	-0.3375
-0.850	*******	-0.0990	-0.1062	-0.1218	-0.3790
-0.900	-0.0279	-0.0747	-0.1144	-0.1542	-0.5327
-0.950	0.0069	-0.0109	-0.0609	-0.1207	-0.4684
-0.975	*******	0.0272	-0.0097	-0.0553	-0.2618
-1.000	0.1996	0.1774	0.1433	0.1550	0.1044



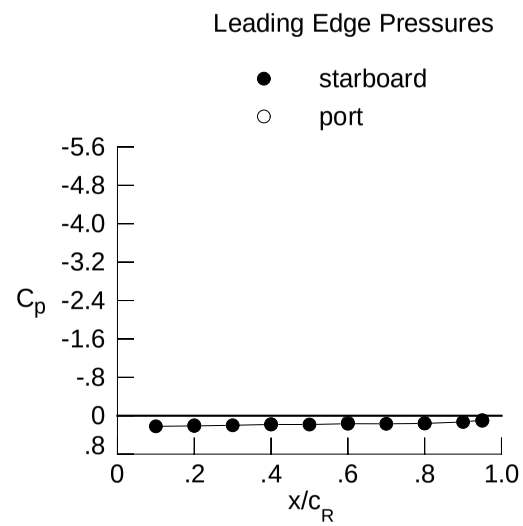
Small Radius L.E.

Run No. = 44 , Point No. = 928

C_N = -0.024, C_m = 0.0025

α = -0.6 °, M_∞ = 0.401

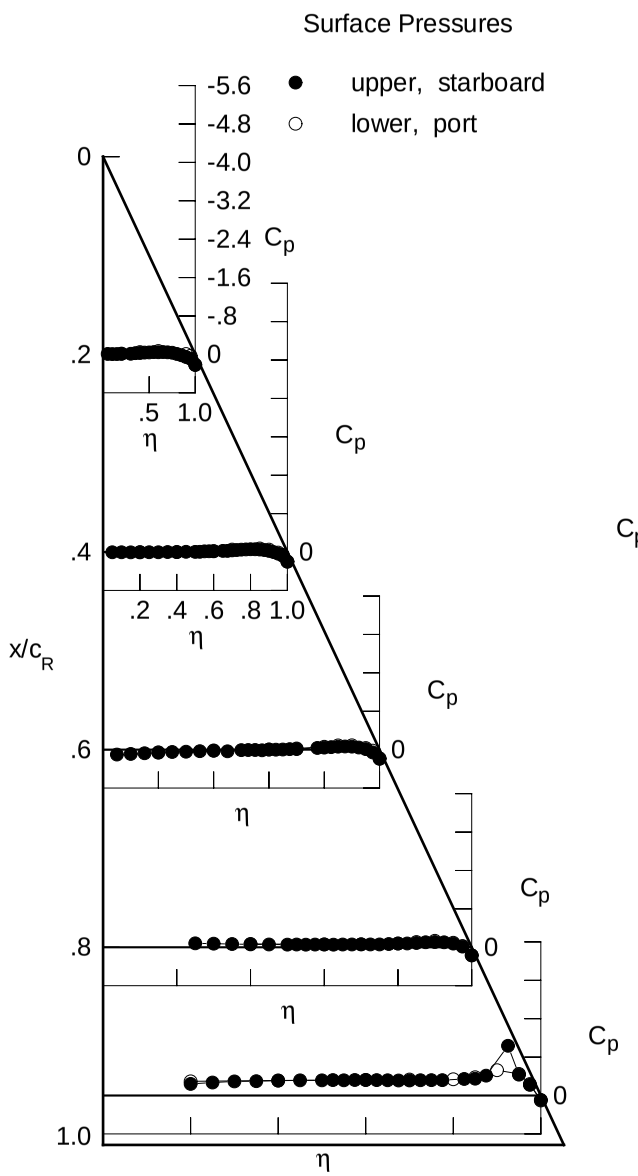
$R_{mac} = 59.6 \times 10^6$



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 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	-0.0096	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
	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



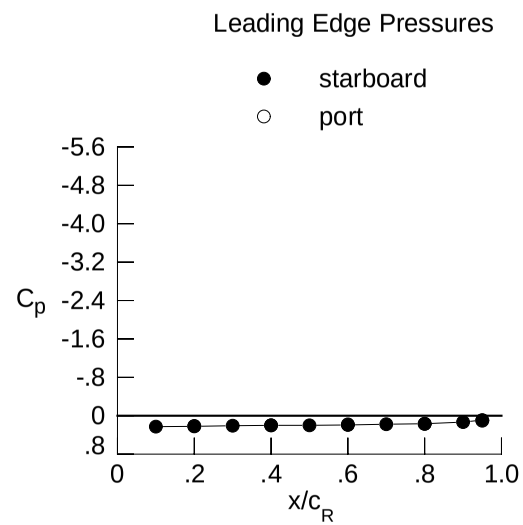
Small Radius L.E.

Run No. = 44 , Point No. = 929

C_N = -0.007, C_m = 0.0001

α = -0.1 °, M_∞ = 0.401

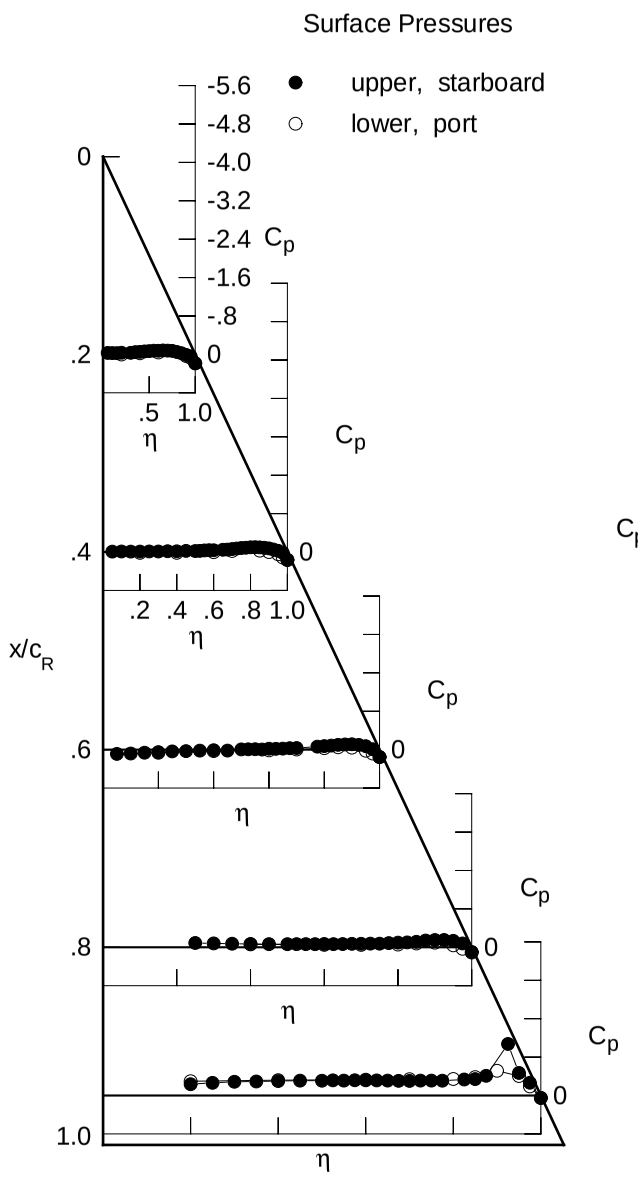
$R_{mac} = 59.9 \times 10^6$



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

Table E1. 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	-0.0308	-0.0087	0.0891	*******	*******
0.100	-0.0268	-0.0113	0.0810	*******	*******
0.150	-0.0259	-0.0089	0.0641	*******	*******
0.200	-0.0345	-0.0095	0.0519	*******	-0.2356
0.250	*******	-0.0121	0.0366	-0.0893	-0.2644
0.300	-0.0331	-0.0113	0.0316	-0.0805	-0.2862
0.350	-0.0471	-0.0168	0.0207	-0.0743	-0.2920
0.400	-0.0520	-0.0155	0.0117	-0.0684	-0.3011
0.450	-0.0621	-0.0242	0.0197	-0.0658	-0.3095
0.500	-0.0678	-0.0212	-0.0049	-0.0648	-0.3083
0.525	*******	-0.0241	-0.0073	-0.0657	-0.3158
0.550	-0.0766	-0.0335	-0.0088	-0.0654	-0.3106
0.575	*******	-0.0384	-0.0023	-0.0650	-0.3175
0.600	-0.0751	-0.0367	-0.0193	-0.0688	-0.3165
0.625	*******	*******	-0.0164	-0.0658	-0.3148
0.650	-0.0823	-0.0473	-0.0212	-0.0676	-0.3101
0.675	*******	-0.0513	-0.0302	-0.0717	-0.3059
0.700	-0.0784	-0.0619	-0.0337	-0.0731	-0.3042
0.725	*******	-0.0732	*******	-0.0760	-0.3100
0.750	-0.0738	-0.0842	*******	-0.0751	-0.3104
0.775	*******	-0.0895	-0.0625	-0.0869	-0.3087
0.800	-0.0506	-0.0982	-0.0736	-0.0970	*******
0.825	*******	-0.1006	-0.0838	-0.1017	-0.3333
0.850	-0.0251	-0.0968	-0.0999	-0.1146	-0.3422
0.875	*******	-0.0892	-0.1081	-0.1406	-0.4101
0.900	0.0096	-0.0759	-0.1120	-0.1510	*******
0.925	*******	-0.0520	-0.0986	-0.1526	-1.0736
0.950	0.0396	-0.0252	-0.0720	-0.1342	-0.4701
0.975	*******	0.0149	-0.0091	-0.0801	-0.2658
1.000	0.1875	0.1576	0.1525	0.0979	0.0510
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0027	0.0179	0.0652	*******	-0.2974
-0.400	-0.0235	0.0166	0.0306	-0.0611	-0.3197
-0.600	-0.0397	0.0035	0.0152	-0.0504	-0.3294
-0.700	*******	-0.0219	-0.0029	-0.0497	-0.3400
-0.800	*******	*******	-0.0312	-0.0572	-0.3440
-0.850	*******	-0.0286	-0.0485	-0.0796	-0.3833
-0.900	0.0337	0.0010	-0.0416	-0.0949	-0.5153
-0.950	0.0720	0.0466	0.0228	-0.0407	-0.4058
-0.975	*******	0.1151	0.0809	0.0316	-0.1894
-1.000	0.1847	0.1689	0.1561	0.1099	0.0495



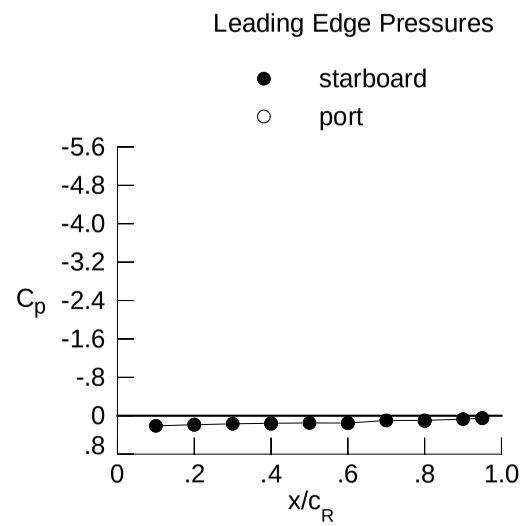
Small Radius L.E.

Run No. = 44 , Point No. = 930

C_N = 0.028, C_m = -0.0041

α = 1.0 °, M_∞ = 0.401

$R_{mac} = 60.1 \times 10^6$

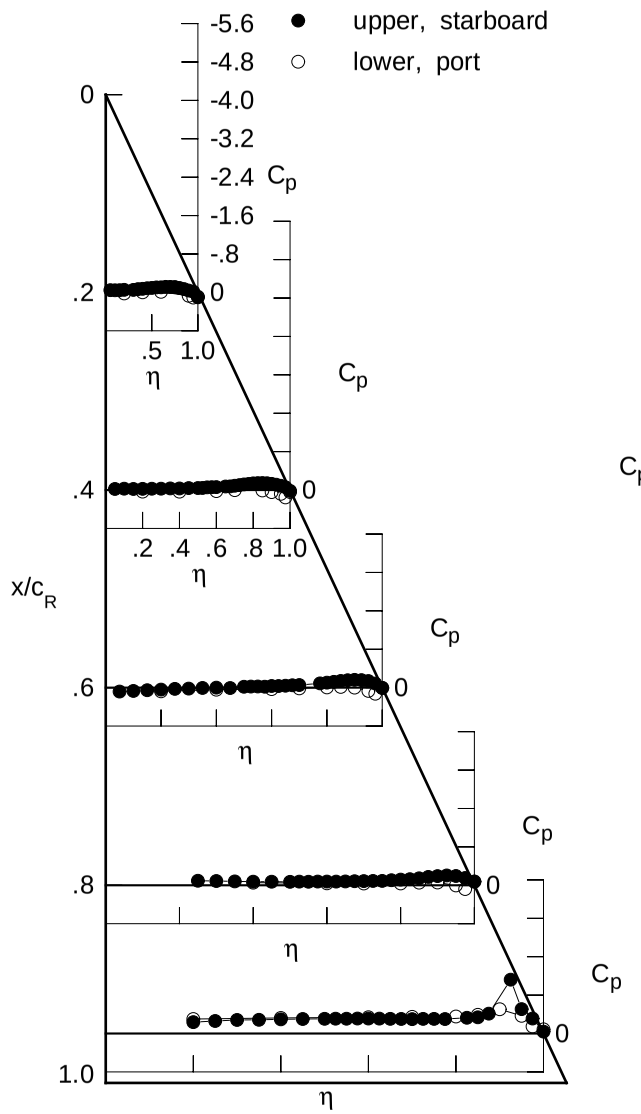


x/c_R	starb'd C_p	port C_p
0.10	0.2108	*******
0.20	0.1875	0.1847
0.30	0.1683	*******
0.40	0.1576	0.1689
0.50	0.1502	*******
0.60	0.1525	0.1561
0.70	0.0988	*******
0.80	0.0979	0.1099
0.90	0.0711	*******
0.95	0.0510	0.0495

Table E1. Continued.

η	x/c_R .2 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	-0.0462	-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.

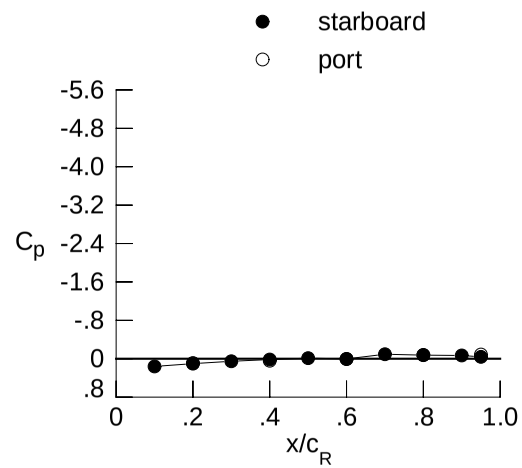
Run No. = 44 , Point No. = 931

C_N = 0.062, C_m = -0.0084

α = 2.0 °, M_∞ = 0.401

R_{mac} = 60.2×10^6

Leading Edge Pressures

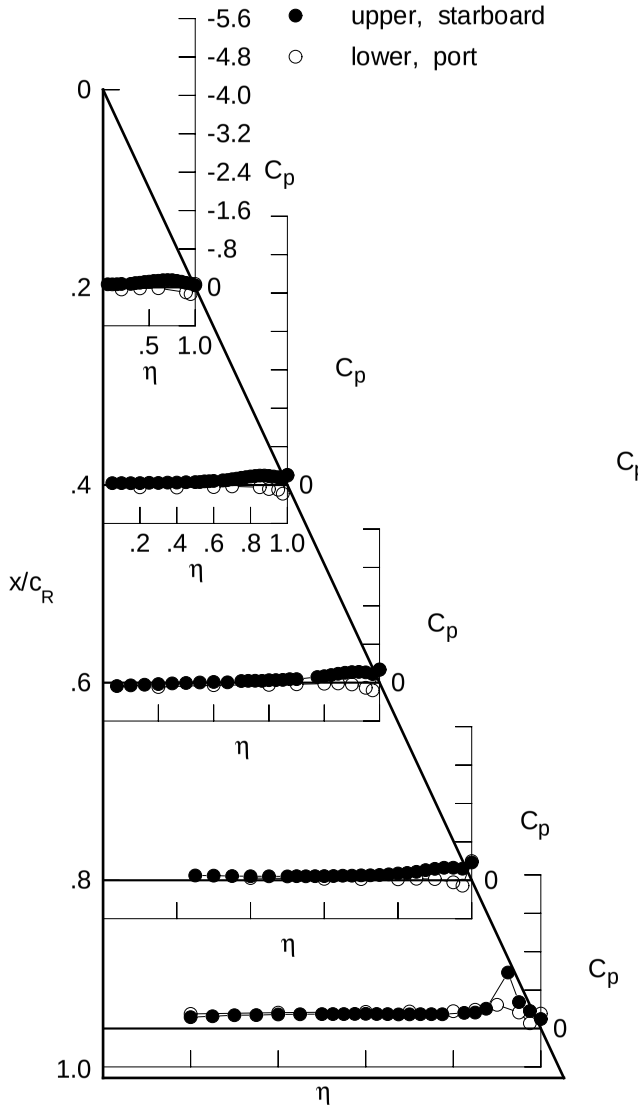


x/c_R	starb'd C_p	port C_p
0.10	0.1605	*******
0.20	0.1024	0.0905
0.30	0.0530	*******
0.40	0.0172	0.0417
0.50	-0.0123	*******
0.60	0.0038	0.0069
0.70	-0.0938	*******
0.80	-0.0747	-0.0794
0.90	-0.0677	*******
0.95	-0.0394	-0.0869

Table E1. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.0644	-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	*******	-0.2358
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0422	0.0473	0.0910	*******	-0.3040
-0.400	0.0197	0.0513	0.0531	-0.0467	-0.3305
-0.600	0.0168	0.0425	0.0466	-0.0305	-0.3464
-0.700	*******	0.0283	0.0334	-0.0250	-0.3535
-0.800	*******	*******	0.0219	-0.0206	-0.3607
-0.850	*******	0.0452	0.0162	-0.0316	-0.3907
-0.900	0.1035	0.0831	0.0371	-0.0255	-0.4937
-0.950	0.1391	0.0974	0.1076	0.0420	-0.3334
-0.975	*******	0.1800	0.1602	0.1120	-0.1094
-1.000	-0.0715	-0.1954	-0.2660	-0.3997	-0.3106

Surface Pressures



Small Radius L.E.

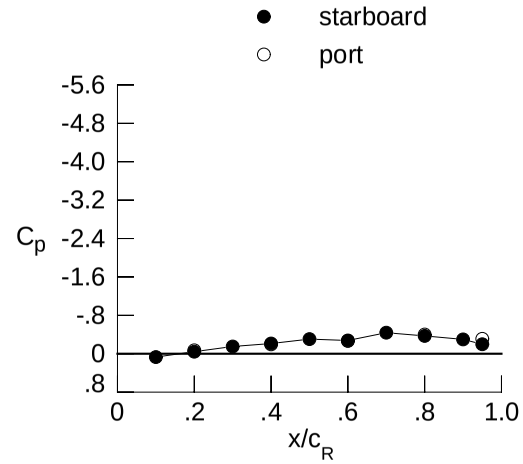
Run No. = 44 , Point No. = 932

C_N = 0.098, C_m = -0.0141

α = 3.1 °, M_∞ = 0.401

$R_{mac} = 60.3 \times 10^6$

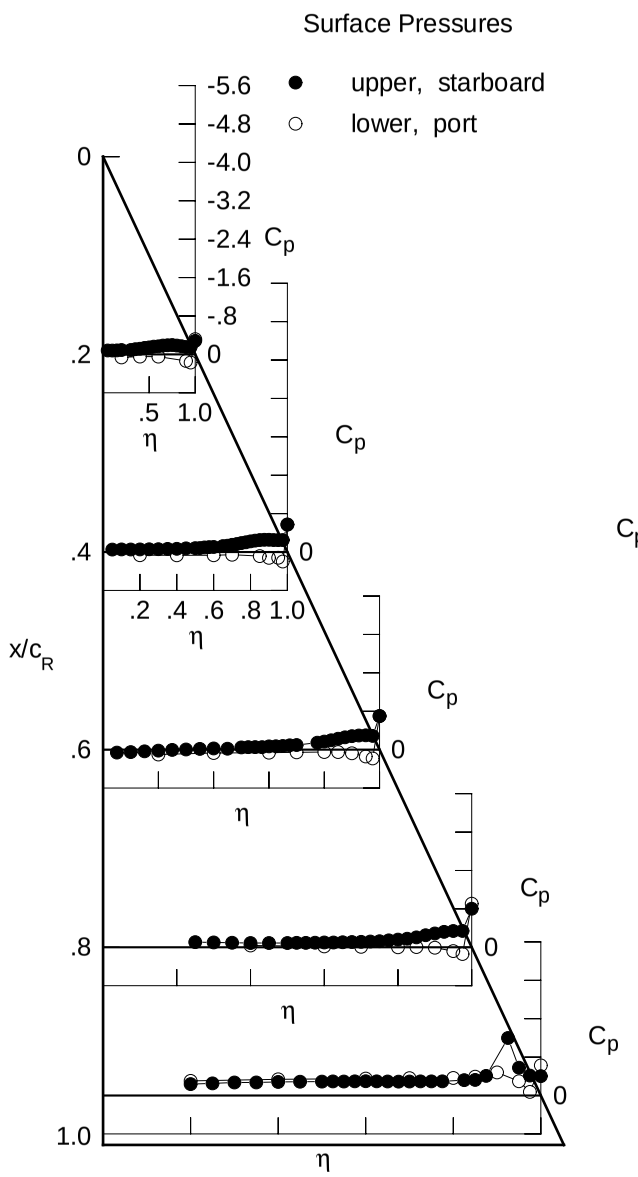
Leading Edge Pressures



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 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	-0.0820	-0.0512	0.0615	*******	*******
0.100	-0.0803	-0.0546	0.0510	*******	*******
0.150	-0.0831	-0.0524	0.0353	*******	*******
0.200	-0.0914	-0.0542	0.0206	*******	-0.2377
0.250	*******	-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	*******	-0.0827	-0.0524	-0.0925	-0.2937
0.550	-0.1616	-0.0957	-0.0526	-0.0924	-0.2915
0.575	*******	-0.1026	-0.0520	-0.0949	-0.2955
0.600	-0.1683	-0.1054	-0.0678	-0.0998	-0.2973
0.625	*******	*******	-0.0701	-0.0992	-0.2952
0.650	-0.1843	-0.1230	-0.0762	-0.1048	-0.2920
0.675	*******	-0.1317	-0.0906	-0.1099	-0.2887
0.700	-0.1904	-0.1501	-0.0960	-0.1138	-0.2910
0.725	*******	-0.1663	*******	-0.1203	-0.2946
0.750	-0.1954	-0.1862	*******	-0.1266	-0.2946
0.775	*******	-0.2032	-0.1449	-0.1452	-0.2955
0.800	-0.1840	-0.2226	-0.1680	-0.1601	*******
0.825	*******	-0.2378	-0.1952	-0.1786	-0.3199
0.850	-0.1704	-0.2494	-0.2270	-0.2066	-0.3252
0.875	*******	-0.2551	-0.2566	-0.2509	-0.4089
0.900	-0.1534	-0.2555	-0.2808	-0.2883	*******
0.925	*******	-0.2497	-0.2942	-0.3217	-1.1981
0.950	-0.1532	-0.2482	-0.2985	-0.3391	-0.5793
0.975	*******	-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	*******	-0.3046
-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	*******	0.0556	0.0562	-0.0095	-0.3618
-0.800	*******	*******	0.0496	0.0000	-0.3655
-0.850	*******	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	*******	0.1973	0.1831	0.1403	-0.0752
-1.000	-0.3175	-0.5728	-0.7020	-0.9076	-0.6271



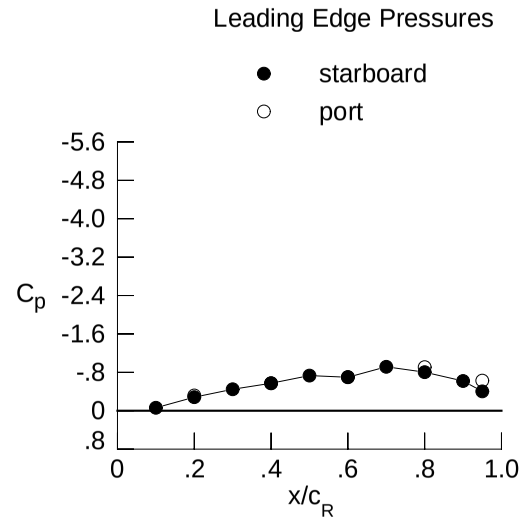
Small Radius L.E.

Run No. = 44 , Point No. = 933

C_N = 0.129, C_m = -0.0147

α = 4.1 °, M_∞ = 0.401

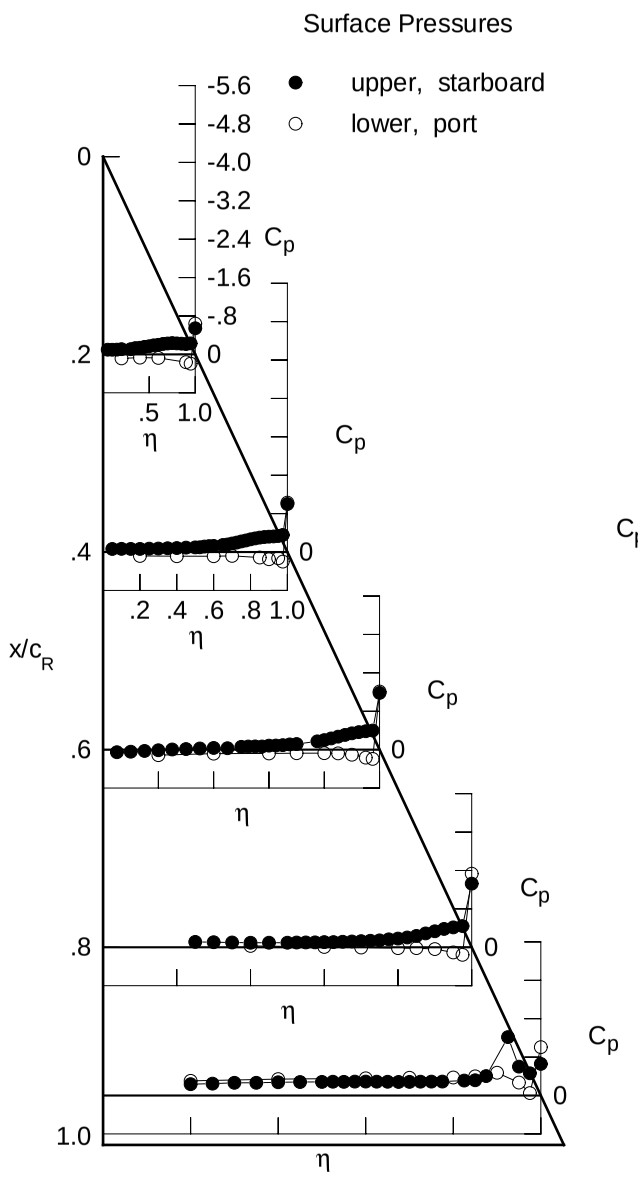
$R_{mac} = 60.4 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.0616	*******
0.20	-0.2820	-0.3175
0.30	-0.4472	*******
0.40	-0.5722	-0.5728
0.50	-0.7323	*******
0.60	-0.6973	-0.7020
0.70	-0.9155	*******
0.80	-0.8034	-0.9076
0.90	-0.6192	*******
0.95	-0.4032	-0.6271

Table E1. 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	-0.0980	-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	-0.2470
0.300	-0.1085	-0.0730	-0.0123	-0.1054	-0.2646
0.350	-0.1314	-0.0792	-0.0241	-0.0997	-0.2651
0.400	-0.1380	-0.0835	-0.0352	-0.0945	-0.2760
0.450	-0.1568	-0.0920	-0.0297	-0.0949	-0.2809
0.500	-0.1693	-0.0971	-0.0584	-0.0953	-0.2835
0.525	*******	-0.0994	-0.0644	-0.0995	-0.2871
0.550	-0.1887	-0.1143	-0.0668	-0.1009	-0.2845
0.575	*******	-0.1229	-0.0655	-0.1028	-0.2893
0.600	-0.1989	-0.1271	-0.0831	-0.1077	-0.2902
0.625	*******	*******	-0.0860	-0.1081	-0.2877
0.650	-0.2176	-0.1463	-0.0933	-0.1154	-0.2860
0.675	*******	-0.1578	-0.1088	-0.1210	-0.2826
0.700	-0.2275	-0.1780	-0.1165	-0.1278	-0.2843
0.725	*******	-0.1970	*******	-0.1362	-0.2883
0.750	-0.2358	-0.2208	*******	-0.1439	-0.2897
0.775	*******	-0.2405	-0.1728	-0.1657	-0.2905
0.800	-0.2291	-0.2647	-0.1985	-0.1820	*******
0.825	*******	-0.2837	-0.2332	-0.2039	-0.3113
0.850	-0.2231	-0.3006	-0.2705	-0.2372	-0.3178
0.875	*******	-0.3127	-0.3061	-0.2886	-0.4045
0.900	-0.2148	-0.3200	-0.3403	-0.3339	*******
0.925	*******	-0.3250	-0.3646	-0.3822	-1.2171
0.950	-0.2288	-0.3333	-0.3832	-0.4141	-0.6012
0.975	*******	-0.3561	-0.3985	-0.4422	-0.4631
1.000	-0.5443	-1.0001	-1.1815	-1.3253	-0.6581
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0833	0.0815	0.1148	*******	-0.3052
-0.400	0.0671	0.0868	0.0832	-0.0289	-0.3415
-0.600	0.0733	0.0876	0.0793	-0.0072	-0.3582
-0.700	*******	0.0798	0.0741	0.0047	-0.3697
-0.800	*******	*******	0.0733	0.0176	-0.3752
-0.850	*******	0.1146	0.0775	0.0179	-0.3995
-0.900	0.1628	0.1493	0.1053	0.0372	-0.4747
-0.950	0.1929	0.1296	0.1662	0.1075	-0.2693
-0.975	*******	0.1991	0.1928	0.1567	-0.0501
-1.000	-0.6407	-1.0284	-1.2104	-1.5331	-1.0069



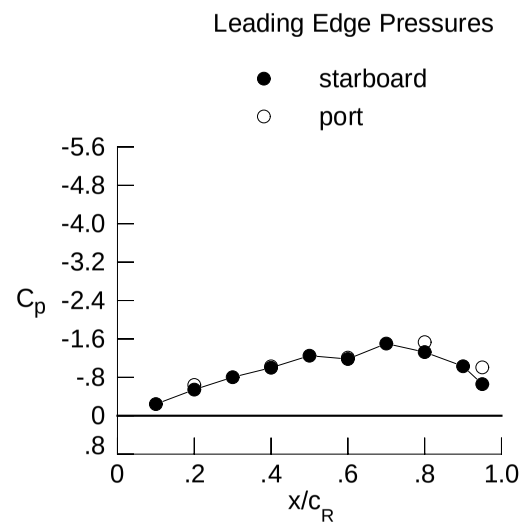
Small Radius L.E.

Run No. = 44 , Point No. = 934

C_N = 0.163, C_m = -0.0195

α = 5.2 °, M_∞ = 0.400

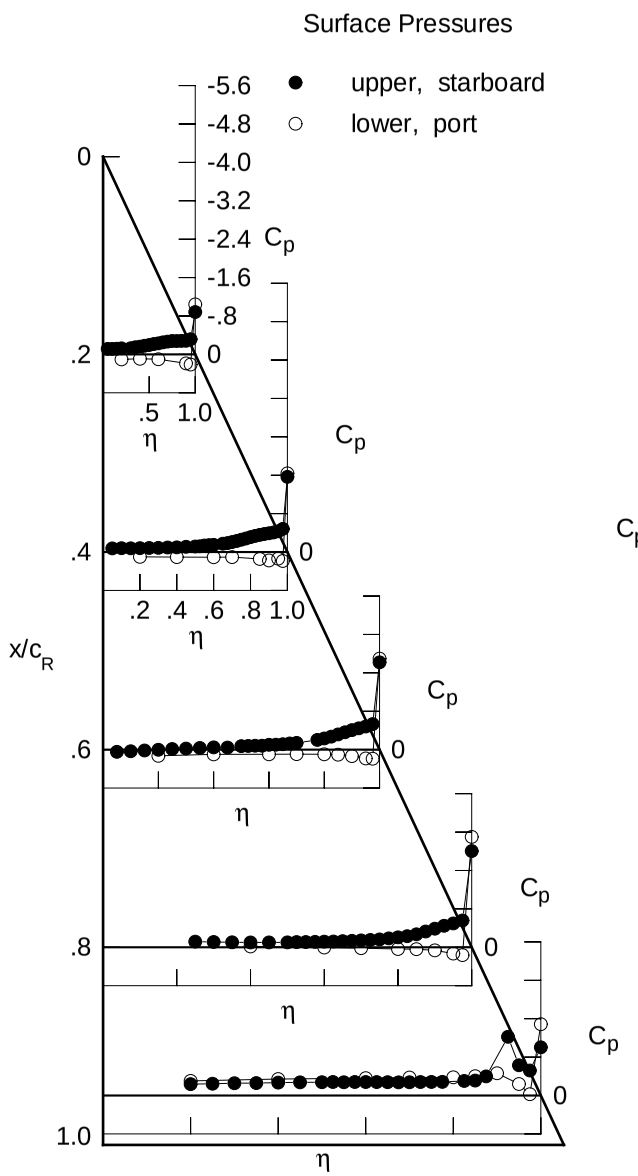
R_{mac} = 60.3×10^6



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 .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	-0.1146	-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	*******	-0.2369
0.250	*******	-0.0852	-0.0127	-0.1176	-0.2453
0.300	-0.1278	-0.0872	-0.0226	-0.1102	-0.2564
0.350	-0.1486	-0.0946	-0.0352	-0.1040	-0.2590
0.400	-0.1605	-0.0977	-0.0471	-0.1011	-0.2690
0.450	-0.1802	-0.1096	-0.0431	-0.1017	-0.2745
0.500	-0.1950	-0.1150	-0.0726	-0.1023	-0.2765
0.525	*******	-0.1197	-0.0771	-0.1084	-0.2815
0.550	-0.2162	-0.1361	-0.0815	-0.1094	-0.2760
0.575	*******	-0.1444	-0.0818	-0.1129	-0.2820
0.600	-0.2303	-0.1493	-0.1008	-0.1176	-0.2812
0.625	*******	*******	-0.1035	-0.1201	-0.2800
0.650	-0.2514	-0.1733	-0.1125	-0.1278	-0.2772
0.675	*******	-0.1860	-0.1289	-0.1343	-0.2743
0.700	-0.2661	-0.2081	-0.1409	-0.1438	-0.2763
0.725	*******	-0.2302	*******	-0.1525	-0.2805
0.750	-0.2791	-0.2571	*******	-0.1638	-0.2824
0.775	*******	-0.2818	-0.2020	-0.1852	-0.2838
0.800	-0.2785	-0.3101	-0.2326	-0.2071	*******
0.825	*******	-0.3357	-0.2702	-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
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.1036	0.0997	0.1286	*******	-0.3041
-0.400	0.0908	0.1053	0.0981	-0.0180	-0.3431
-0.600	0.1005	0.1083	0.0968	0.0051	-0.3613
-0.700	*******	0.1053	0.0933	0.0187	-0.3742
-0.800	*******	*******	0.0970	0.0357	-0.3788
-0.850	*******	0.1437	0.1046	0.0391	-0.4027
-0.900	0.1874	0.1755	0.1343	0.0639	-0.4642
-0.950	0.2113	0.1376	0.1835	0.1302	-0.2391
-0.975	*******	0.1863	0.1891	0.1627	-0.0271
-1.000	-1.0419	-1.6389	-1.8958	-2.2997	-1.4859



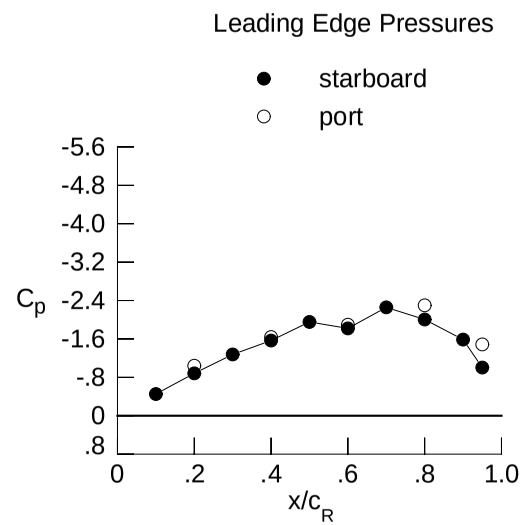
Small Radius L.E.

Run No. = 44 , Point No. = 935

C_N = 0.201, C_m = -0.0258

α = 6.2 °, M_∞ = 0.400

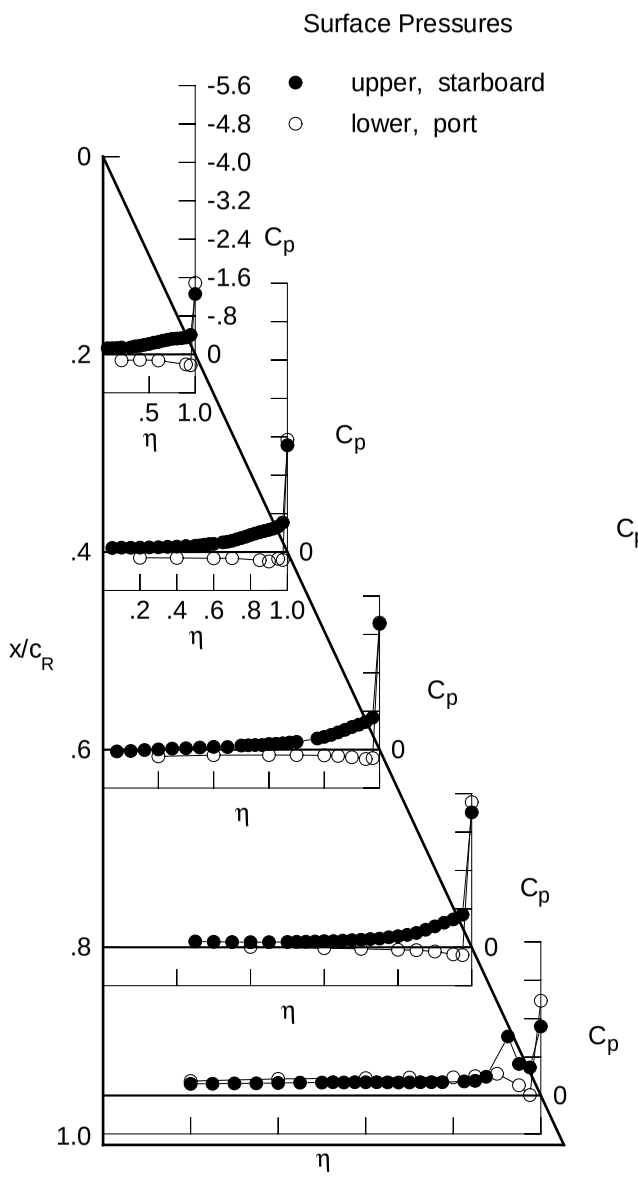
R_{mac} = 60.2×10^6



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 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	-0.1285	-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	-0.2453
0.300	-0.1442	-0.1004	-0.0290	-0.1145	-0.2524
0.350	-0.1669	-0.1089	-0.0441	-0.1091	-0.2535
0.400	-0.1798	-0.1133	-0.0574	-0.1066	-0.2611
0.450	-0.2009	-0.1252	-0.0544	-0.1064	-0.2677
0.500	-0.2188	-0.1312	-0.0854	-0.1103	-0.2696
0.525	*******	-0.1382	-0.0906	-0.1144	-0.2765
0.550	-0.2432	-0.1528	-0.0963	-0.1162	-0.2708
0.575	*******	-0.1656	-0.0960	-0.1207	-0.2776
0.600	-0.2595	-0.1696	-0.1174	-0.1283	-0.2763
0.625	*******	*******	-0.1204	-0.1286	-0.2764
0.650	-0.2857	-0.2008	-0.1319	-0.1387	-0.2735
0.675	*******	-0.2133	-0.1483	-0.1481	-0.2708
0.700	-0.3043	-0.2349	-0.1617	-0.1565	-0.2720
0.725	*******	-0.2632	*******	-0.1716	-0.2765
0.750	-0.3245	-0.2920	*******	-0.1809	-0.2773
0.775	*******	-0.3197	-0.2323	-0.2076	-0.2776
0.800	-0.3299	-0.3553	-0.2661	-0.2303	*******
0.825	*******	-0.3847	-0.3070	-0.2583	-0.2934
0.850	-0.3377	-0.4118	-0.3592	-0.2984	-0.3056
0.875	*******	-0.4376	-0.4129	-0.3653	-0.3907
0.900	-0.3518	-0.4623	-0.4717	-0.4353	*******
0.925	*******	-0.4893	-0.5191	-0.5117	-1.2295
0.950	-0.4066	-0.5315	-0.5768	-0.5807	-0.6581
0.975	*******	-0.6144	-0.6679	-0.6800	-0.5849
1.000	-1.2580	-2.2239	-2.6206	-2.8101	-1.4382
	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	-0.3459
-0.600	0.1265	0.1312	0.1130	0.0182	-0.3619
-0.700	*******	0.1289	0.1133	0.0325	-0.3734
-0.800	*******	*******	0.1201	0.0518	-0.3784
-0.850	*******	0.1707	0.1303	0.0601	-0.4022
-0.900	0.2086	0.1967	0.1589	0.0882	-0.4540
-0.950	0.2262	0.1406	0.1949	0.1473	-0.2134
-0.975	*******	0.1655	0.1762	0.1622	-0.0098
-1.000	-1.4877	-2.3387	-2.6474	-3.0235	-1.9742



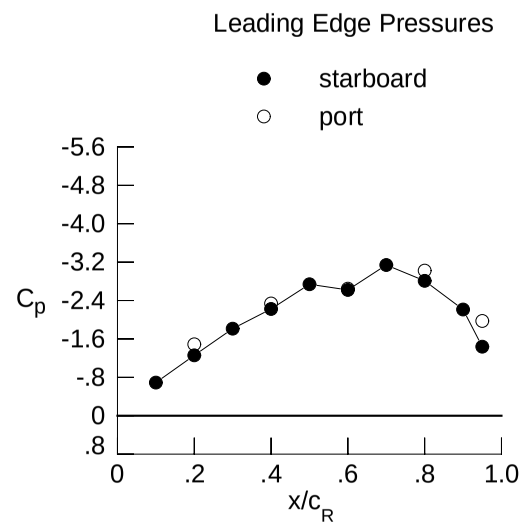
Small Radius L.E.

Run No. = 44 , Point No. = 936

C_N = 0.234, C_m = -0.0301

α = 7.2 °, M_∞ = 0.401

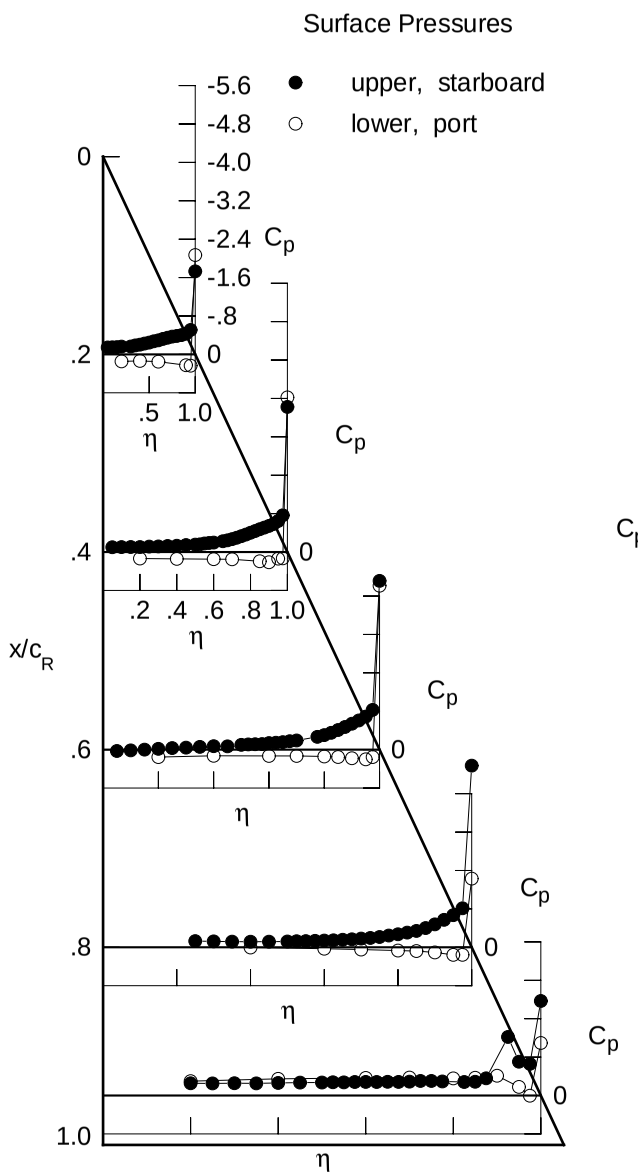
$R_{mac} = 60.2 \times 10^6$



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 $C_{p,u}$	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	-0.1447	-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	-0.2517
0.300	-0.1641	-0.1165	-0.0417	-0.1230	-0.2562
0.350	-0.1875	-0.1267	-0.0572	-0.1174	-0.2530
0.400	-0.2021	-0.1310	-0.0722	-0.1161	-0.2616
0.450	-0.2256	-0.1453	-0.0688	-0.1169	-0.2692
0.500	-0.2456	-0.1547	-0.1002	-0.1205	-0.2705
0.525	*******	-0.1603	-0.1091	-0.1261	-0.2761
0.550	-0.2732	-0.1783	-0.1131	-0.1284	-0.2738
0.575	*******	-0.1886	-0.1164	-0.1343	-0.2814
0.600	-0.2932	-0.1967	-0.1370	-0.1403	-0.2834
0.625	*******	*******	-0.1440	-0.1455	-0.2818
0.650	-0.3225	-0.2252	-0.1561	-0.1569	-0.2857
0.675	*******	-0.2436	-0.1759	-0.1667	-0.2836
0.700	-0.3469	-0.2689	-0.1911	-0.1817	-0.2887
0.725	*******	-0.2978	*******	-0.1946	-0.3028
0.750	-0.3704	-0.3301	*******	-0.2146	-0.3029
0.775	*******	-0.3638	-0.2667	-0.2446	-0.2931
0.800	-0.3842	-0.4016	-0.3027	-0.2716	*******
0.825	*******	-0.4380	-0.3501	-0.3056	-0.2814
0.850	-0.4015	-0.4753	-0.4092	-0.3407	-0.2860
0.875	*******	-0.5085	-0.4723	-0.4005	-0.3586
0.900	-0.4306	-0.5438	-0.5400	-0.4773	*******
0.925	*******	-0.5840	-0.6083	-0.5719	-1.2200
0.950	-0.5095	-0.6460	-0.6878	-0.6691	-0.7037
0.975	*******	-0.7656	-0.8282	-0.8125	-0.6588
1.000	-1.7306	-3.0229	-3.5164	-3.7843	-1.9696
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1457	0.1353	0.1549	*******	-0.2990
-0.400	0.1361	0.1423	0.1280	0.0047	-0.3474
-0.600	0.1515	0.1490	0.1308	0.0296	-0.3662
-0.700	*******	0.1510	0.1314	0.0471	-0.3733
-0.800	*******	*******	0.1421	0.0682	-0.3566
-0.850	*******	0.1922	0.1533	0.0788	-0.3694
-0.900	0.2256	0.2127	0.1796	0.1074	-0.4118
-0.950	0.2352	0.1377	0.2013	0.1575	-0.1790
-0.975	*******	0.1311	0.1547	0.1568	0.0037
-1.000	-2.0698	-3.2213	-3.4155	-1.4302	-1.0941



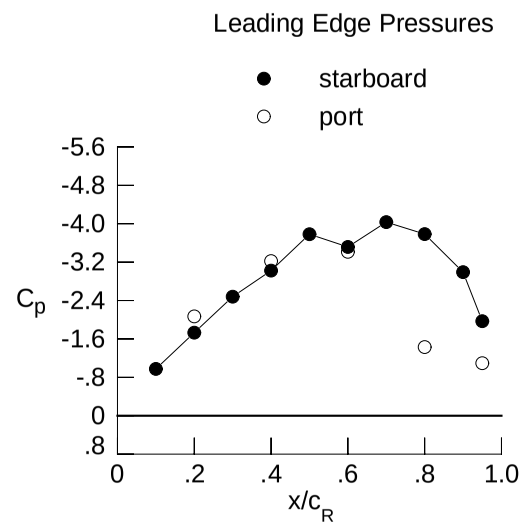
Small Radius L.E.

Run No. = 44 , Point No. = 937

C_N = 0.280, C_m = -0.0403

α = 8.3 °, M_∞ = 0.401

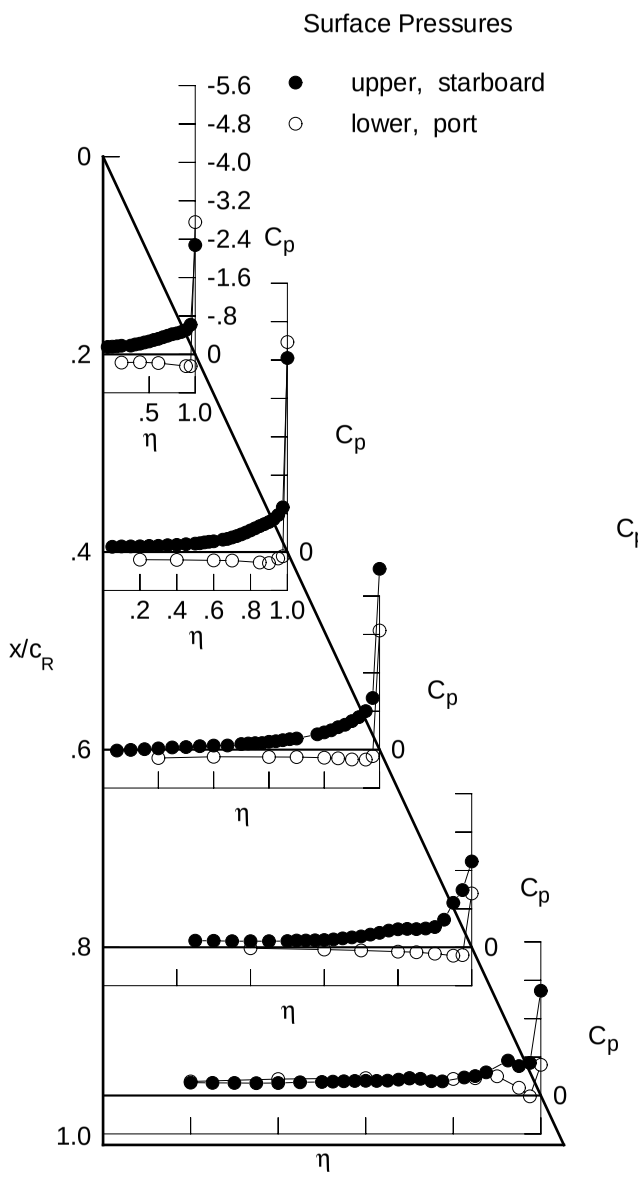
$R_{mac} = 60.3 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.9752	*******
0.20	-1.7306	-2.0698
0.30	-2.4803	*******
0.40	-3.0229	-3.2213
0.50	-3.7816	*******
0.60	-3.5164	-3.4155
0.70	-4.0337	*******
0.80	-3.7843	-1.4302
0.90	-2.9913	*******
0.95	-1.9696	-1.0941

Table E1. 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	-0.1553	-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	-0.2633
0.300	-0.1827	-0.1299	-0.0537	-0.1348	-0.2613
0.350	-0.2069	-0.1426	-0.0720	-0.1273	-0.2568
0.400	-0.2228	-0.1484	-0.0848	-0.1269	-0.2604
0.450	-0.2487	-0.1628	-0.0867	-0.1269	-0.2751
0.500	-0.2697	-0.1749	-0.1166	-0.1294	-0.2821
0.525	*******	-0.1836	-0.1282	-0.1405	-0.2887
0.550	-0.2998	-0.2004	-0.1352	-0.1411	-0.2969
0.575	*******	-0.2140	-0.1365	-0.1456	-0.3033
0.600	-0.3243	-0.2232	-0.1630	-0.1514	-0.3064
0.625	*******	*******	-0.1750	-0.1636	-0.3041
0.650	-0.3575	-0.2577	-0.1968	-0.1856	-0.3097
0.675	*******	-0.2738	-0.2176	-0.2060	-0.3302
0.700	-0.3879	-0.3028	-0.2318	-0.2261	-0.3545
0.725	*******	-0.3322	*******	-0.2637	-0.3476
0.750	-0.4197	-0.3683	*******	-0.3008	-0.2975
0.775	*******	-0.4063	-0.3190	-0.3478	-0.2941
0.800	-0.4387	-0.4501	-0.3592	-0.3750	*******
0.825	*******	-0.4941	-0.4025	-0.3835	-0.3750
0.850	-0.4668	-0.5402	-0.4674	-0.3786	-0.4045
0.875	*******	-0.5814	-0.5186	-0.3909	-0.4823
0.900	-0.5103	-0.6257	-0.5947	-0.4220	*******
0.925	*******	-0.6851	-0.6772	-0.5743	-0.7279
0.950	-0.6188	-0.7710	-0.8023	-0.9262	-0.6125
0.975	*******	-0.9321	-1.0757	-1.1908	-0.6789
1.000	-2.2774	-4.0416	-3.7667	-1.7879	-2.1820
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1709	0.1593	0.1744	*******	-0.2925
-0.400	0.1631	0.1637	0.1484	0.0200	-0.3425
-0.600	0.1800	0.1740	0.1526	0.0472	-0.3615
-0.700	*******	0.1773	0.1552	0.0663	-0.3640
-0.800	*******	*******	0.1682	0.0910	-0.3444
-0.850	*******	0.2174	0.1811	0.1030	-0.3605
-0.900	0.2446	0.2306	0.2045	0.1329	-0.4012
-0.950	0.2449	0.1342	0.2076	0.1752	-0.1619
-0.975	*******	0.0884	0.1355	0.1621	0.0173
-1.000	-2.7561	-4.3742	-2.4818	-1.1218	-0.6395



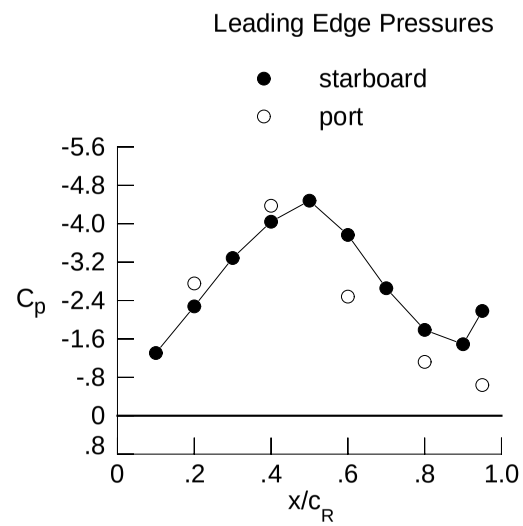
Small Radius L.E.

Run No. = 44 , Point No. = 938

C_N = 0.329, C_m = -0.0518

α = 9.3 °, M_∞ = 0.401

$R_{mac} = 60.3 \times 10^6$

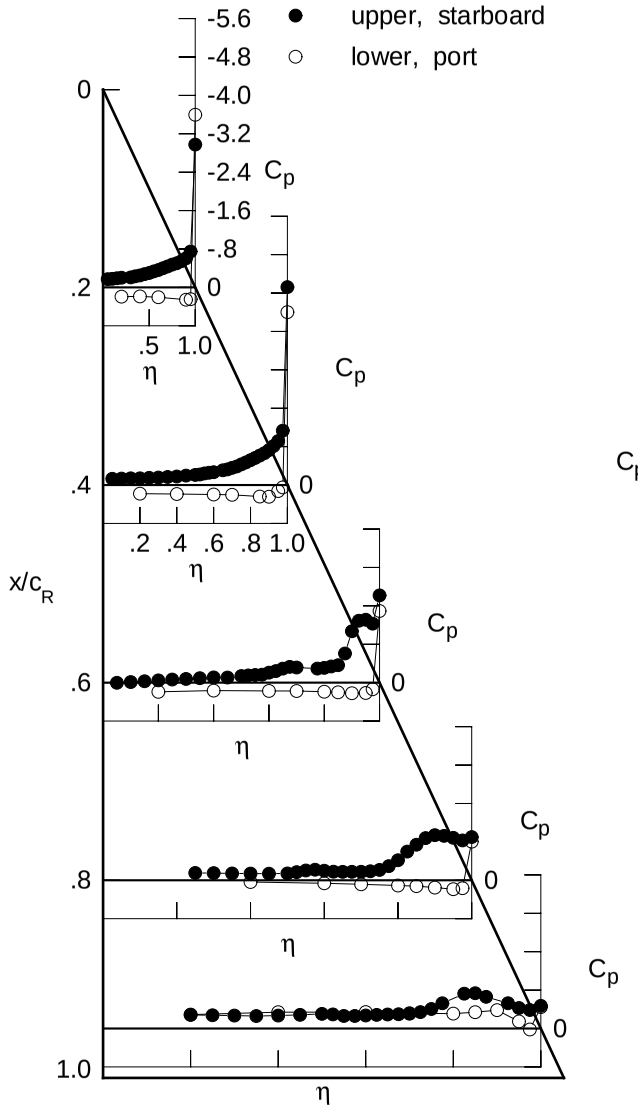


x/c_R	starb'd C_p	port C_p
0.10	-1.3068	*******
0.20	-2.2774	-2.7561
0.30	-3.2856	*******
0.40	-4.0416	-4.3742
0.50	-4.4799	*******
0.60	-3.7667	-2.4818
0.70	-2.6558	*******
0.80	-1.7879	-1.1218
0.90	-1.4894	*******
0.95	-2.1820	-0.6395

Table E1. 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	-0.1711	-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	-0.2760
0.300	-0.2080	-0.1558	-0.0764	-0.1497	-0.2694
0.350	-0.2313	-0.1683	-0.0931	-0.1428	-0.2599
0.400	-0.2490	-0.1773	-0.1089	-0.1401	-0.2696
0.450	-0.2762	-0.1967	-0.1065	-0.1373	-0.2849
0.500	-0.2996	-0.2103	-0.1379	-0.1428	-0.3046
0.525	*******	-0.2192	-0.1504	-0.1699	-0.2937
0.550	-0.3332	-0.2416	-0.1592	-0.2041	-0.2617
0.575	*******	-0.2556	-0.1654	-0.2203	-0.2620
0.600	-0.3619	-0.2675	-0.2077	-0.1994	-0.2709
0.625	*******	*******	-0.2407	-0.1793	-0.2840
0.650	-0.3995	-0.3072	-0.2923	-0.1757	-0.2921
0.675	*******	-0.3258	-0.3288	-0.1766	-0.2973
0.700	-0.4362	-0.3583	-0.3153	-0.1779	-0.3088
0.725	*******	-0.3861	*******	-0.1883	-0.3413
0.750	-0.4746	-0.4307	*******	-0.2160	-0.4065
0.775	*******	-0.4711	-0.2928	-0.2945	-0.5253
0.800	-0.5030	-0.5177	-0.3081	-0.4178	*******
0.825	*******	-0.5638	-0.3367	-0.5976	-0.7253
0.850	-0.5454	-0.6134	-0.3633	-0.7411	-0.7352
0.875	*******	-0.6621	-0.6069	-0.8796	-0.6602
0.900	-0.6047	-0.7277	-1.0705	-0.9398	*******
0.925	*******	-0.8127	-1.2896	-0.9259	-0.5264
0.950	-0.7483	-0.9160	-1.3104	-0.8852	-0.4269
0.975	*******	-1.1339	-1.2284	-0.8308	-0.3854
1.000	-2.9751	-4.1232	-1.8177	-0.8996	-0.4729
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1930	0.1797	0.1911	*******	-0.2901
-0.400	0.1877	0.1873	0.1652	0.0361	-0.3399
-0.600	0.2052	0.1973	0.1729	0.0623	-0.3427
-0.700	*******	0.2032	0.1743	0.0834	-0.3177
-0.800	*******	*******	0.1891	0.1088	-0.3101
-0.850	*******	0.2396	0.2017	0.1217	-0.3397
-0.900	0.2565	0.2441	0.2209	0.1516	-0.3823
-0.950	0.2454	0.1250	0.2149	0.1858	-0.1472
-0.975	*******	0.0486	0.1376	0.1649	0.0201
-1.000	-3.5966	-3.6015	-1.4931	-0.8051	-0.4459

Surface Pressures



Small Radius L.E.

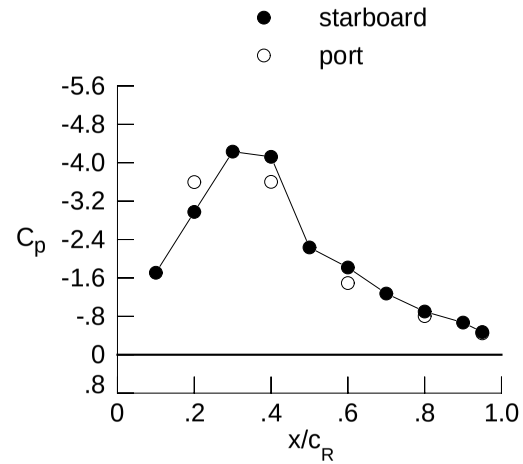
Run No. = 44 , Point No. = 939

C_N = 0.393, C_m = -0.0633

α = 10.4 °, M_∞ = 0.401

R_{mac} = 60.3×10^6

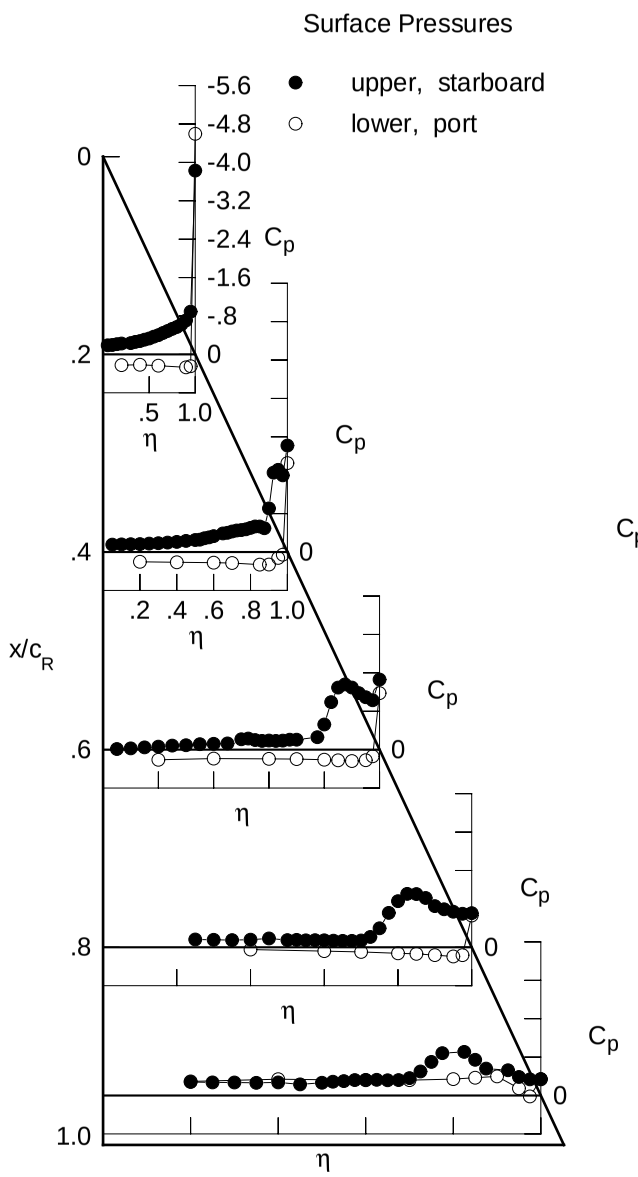
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.7084	*******
0.20	-2.9751	-3.5966
0.30	-4.2312	*******
0.40	-4.1232	-3.6015
0.50	-2.2349	*******
0.60	-1.8177	-1.4931
0.70	-1.2746	*******
0.80	-0.8996	-0.8051
0.90	-0.6694	*******
0.95	-0.4729	-0.4459

Table E1. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,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	-0.2731
0.300	-0.2349	-0.1842	-0.0919	-0.1563	-0.2712
0.350	-0.2601	-0.1970	-0.1133	-0.1498	-0.2643
0.400	-0.2776	-0.2111	-0.1219	-0.1583	-0.2732
0.450	-0.3062	-0.2323	-0.1297	-0.1842	-0.2323
0.500	-0.3309	-0.2507	-0.2159	-0.1499	-0.2655
0.525	*******	-0.2574	-0.2314	-0.1544	-0.2872
0.550	-0.3692	-0.2870	-0.2001	-0.1449	-0.3001
0.575	*******	-0.3057	-0.1826	-0.1477	-0.3213
0.600	-0.4011	-0.3312	-0.1895	-0.1460	-0.3259
0.625	*******	*******	-0.1816	-0.1377	-0.3273
0.650	-0.4452	-0.3868	-0.1880	-0.1333	-0.3178
0.675	*******	-0.4007	-0.2074	-0.1335	-0.3219
0.700	-0.4872	-0.4282	-0.2069	-0.1418	-0.3627
0.725	*******	-0.4486	*******	-0.2151	-0.5006
0.750	-0.5308	-0.4576	*******	-0.3963	-0.7004
0.775	*******	-0.4738	-0.2595	-0.7167	-0.8826
0.800	-0.5708	-0.5031	-0.5238	-0.9604	*******
0.825	*******	-0.5332	-0.9897	-1.1130	-0.9084
0.850	-0.6258	-0.5322	-1.2926	-1.1089	-0.7437
0.875	*******	-0.4960	-1.3596	-1.0275	-0.5607
0.900	-0.7070	-0.9092	-1.2939	-0.8578	*******
0.925	*******	-1.6534	-1.1777	-0.7920	-0.5267
0.950	-0.8908	-1.7125	-1.0922	-0.7412	-0.3866
0.975	*******	-1.5974	-1.0287	-0.6983	-0.3372
1.000	-3.8291	-2.2183	-1.4602	-0.7112	-0.3443
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2239	0.2034	0.2112	*******	-0.2937
-0.400	0.2162	0.2135	0.1862	0.0472	-0.3396
-0.600	0.2355	0.2219	0.1922	0.0799	-0.3187
-0.700	*******	0.2291	0.1966	0.0970	-0.3200
-0.800	*******	*******	0.2099	0.1255	-0.3419
-0.850	*******	0.2625	0.2226	0.1366	-0.3707
-0.900	0.2698	0.2604	0.2379	0.1636	-0.3982
-0.950	0.2462	0.1222	0.2202	0.1911	-0.1486
-0.975	*******	0.0555	0.1386	0.1636	0.0189
-1.000	-4.5954	-1.8525	-1.1768	-0.6619	-0.3368



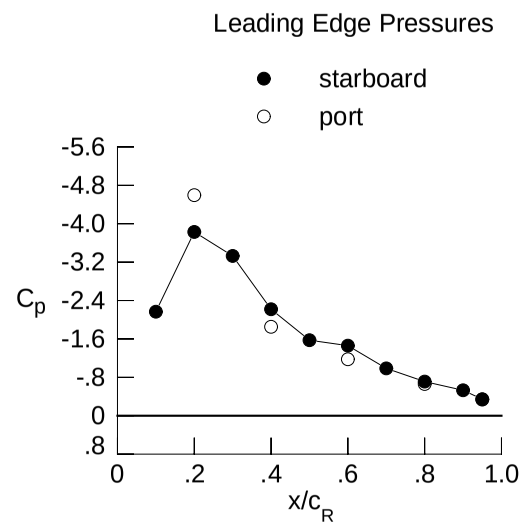
Small Radius L.E.

Run No. = 44 , Point No. = 940

C_N = 0.458, C_m = -0.0752

α = 11.4 °, M_∞ = 0.400

$R_{mac} = 60.0 \times 10^6$

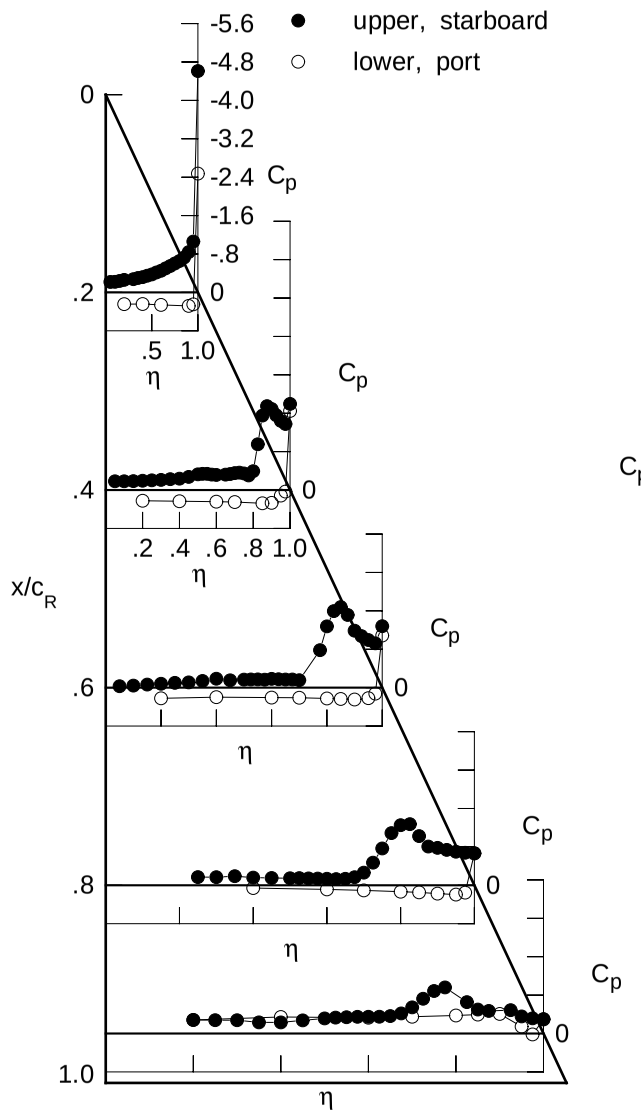


x/c_R	starb'd Cp	port Cp
0.10	-2.1672	*******
0.20	-3.8291	-4.5954
0.30	-3.3292	*******
0.40	-2.2183	-1.8525
0.50	-1.5738	*******
0.60	-1.4602	-1.1768
0.70	-0.9864	*******
0.80	-0.7112	-0.6619
0.90	-0.5301	*******
0.95	-0.3443	-0.3368

Table E1. 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	-0.2179	-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

Surface Pressures



Small Radius L.E.

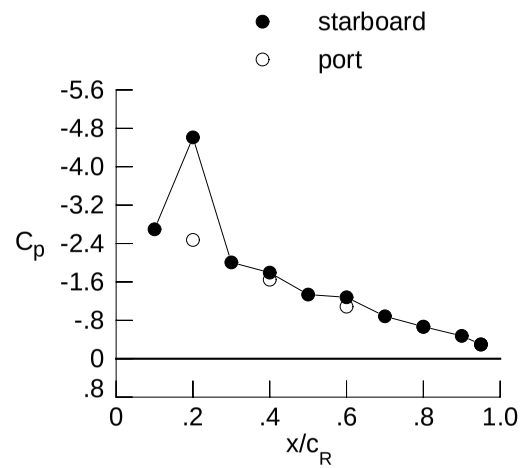
Run No. = 44 , Point No. = 941

C_N = 0.509, C_m = -0.0800

α = 12.4 °, M_∞ = 0.401

R_{mac} = 60.1×10^6

Leading Edge Pressures

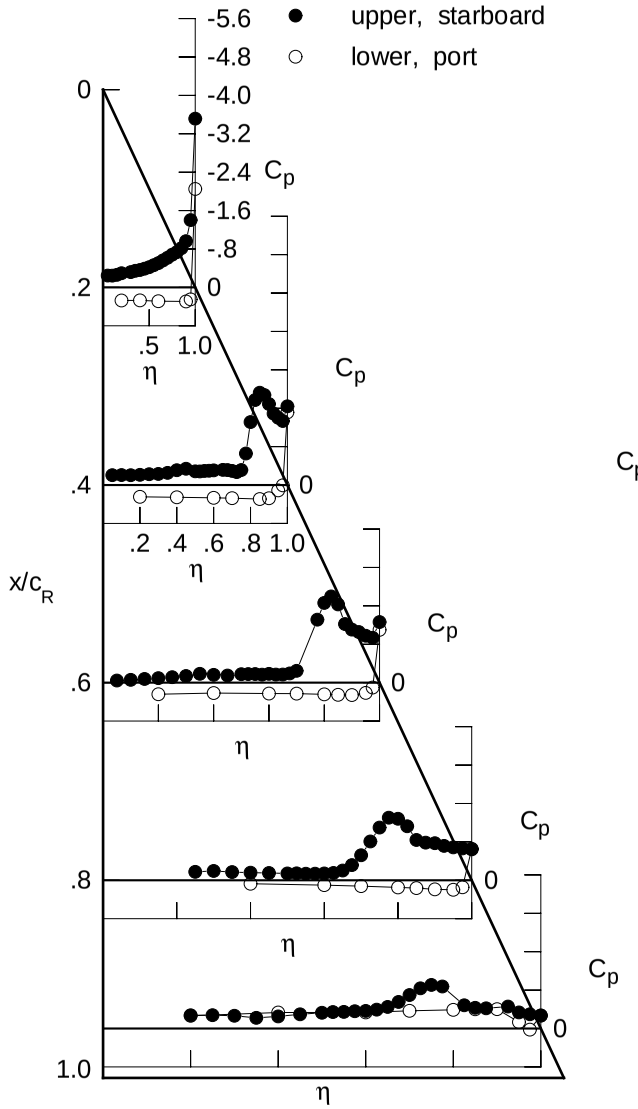


x/c_R	starb'd C_p	port C_p
0.10	-2.6971	*******
0.20	-4.6116	-2.4752
0.30	-2.0068	*******
0.40	-1.7942	-1.6475
0.50	-1.3368	*******
0.60	-1.2797	-1.0853
0.70	-0.8842	*******
0.80	-0.6686	-0.6626
0.90	-0.4757	*******
0.95	-0.3005	-0.2928

Table E1. Continued.

η	x/c_R .2 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	-0.2461	-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
	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

Surface Pressures



Small Radius L.E.

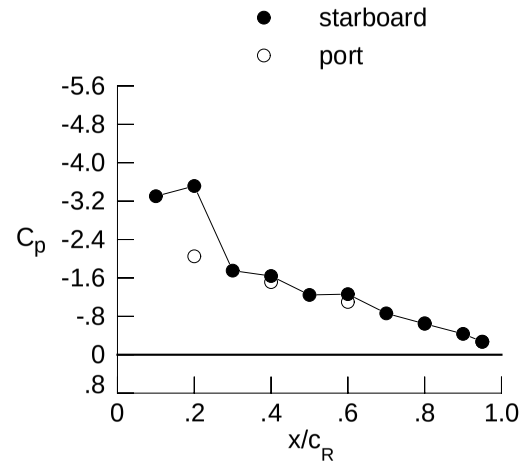
Run No. = 44 , Point No. = 942

C_N = 0.559, C_m = -0.0844

α = 13.5 °, M_∞ = 0.400

R_{mac} = 60.1×10^6

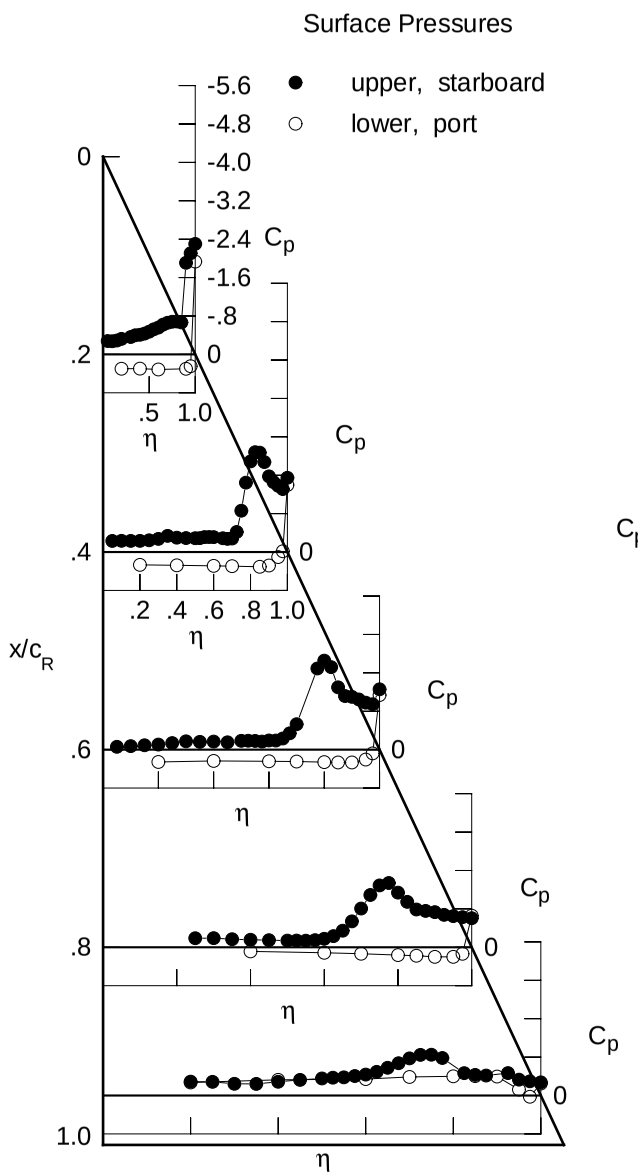
Leading Edge Pressures



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 $C_{p,u}$	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	-0.2782	-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



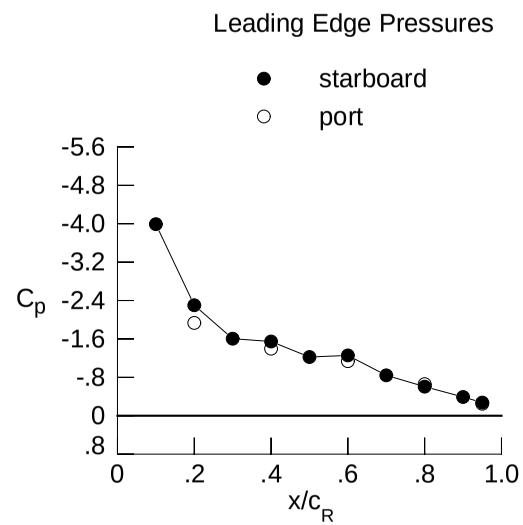
Small Radius L.E.

Run No. = 44 , Point No. = 943

C_N = 0.606, C_m = -0.0870

α = 14.5 °, M_∞ = 0.401

R_{mac} = 60.1×10^6

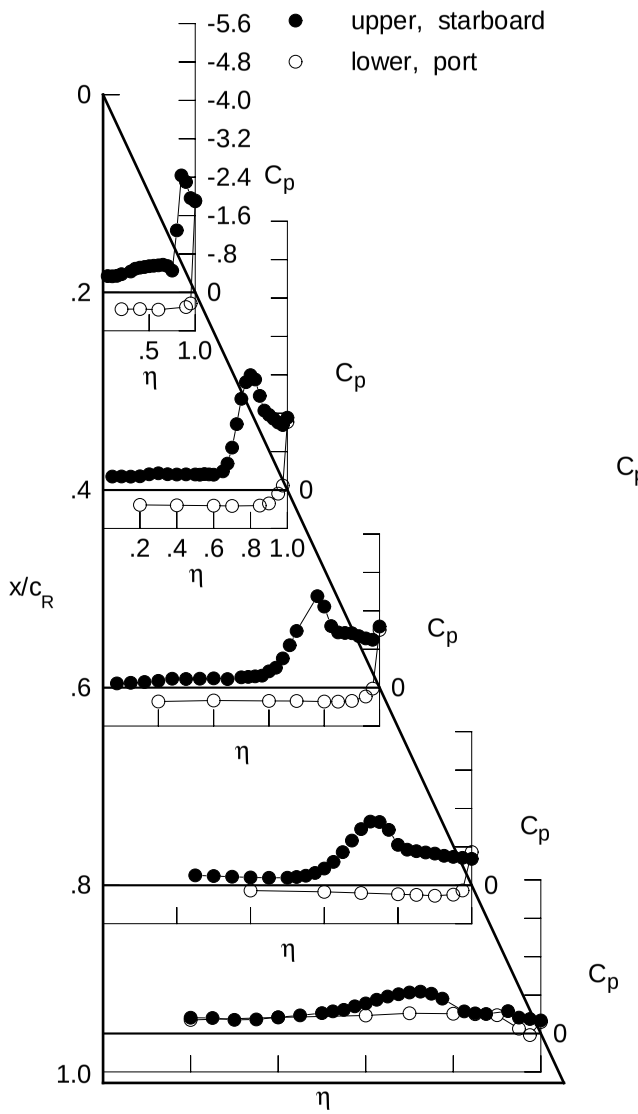


x/c_R	starb'd C_p	port C_p
0.10	-3.9906	*******
0.20	-2.3015	-1.9335
0.30	-1.6048	*******
0.40	-1.5467	-1.3966
0.50	-1.2232	*******
0.60	-1.2565	-1.1366
0.70	-0.8419	*******
0.80	-0.6058	-0.6584
0.90	-0.3907	*******
0.95	-0.2743	-0.2500

Table E1. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,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	*******	-0.3285
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
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3502	0.3098	0.2891	*******	-0.2825
-0.400	0.3469	0.3181	0.2680	0.1097	-0.3354
-0.600	0.3598	0.3259	0.2769	0.1365	-0.3756
-0.700	*******	0.3323	0.2787	0.1605	-0.4217
-0.800	*******	*******	0.2898	0.1862	-0.4121
-0.850	*******	0.3241	0.2921	0.1998	-0.4022
-0.900	0.3057	0.2790	0.2769	0.2182	-0.3814
-0.950	0.2300	0.0752	0.1844	0.1952	-0.1005
-0.975	*******	-0.0937	0.0200	0.1083	0.0326
-1.000	-1.9141	-1.4167	-1.2017	-0.6917	-0.2392

Surface Pressures



Small Radius L.E.

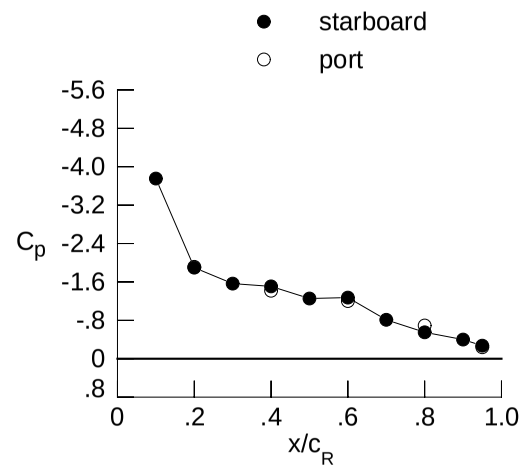
Run No. = 44 , Point No. = 944

C_N = 0.721, C_m = -0.1033

α = 16.6 °, M_∞ = 0.401

R_{mac} = 60.0×10^6

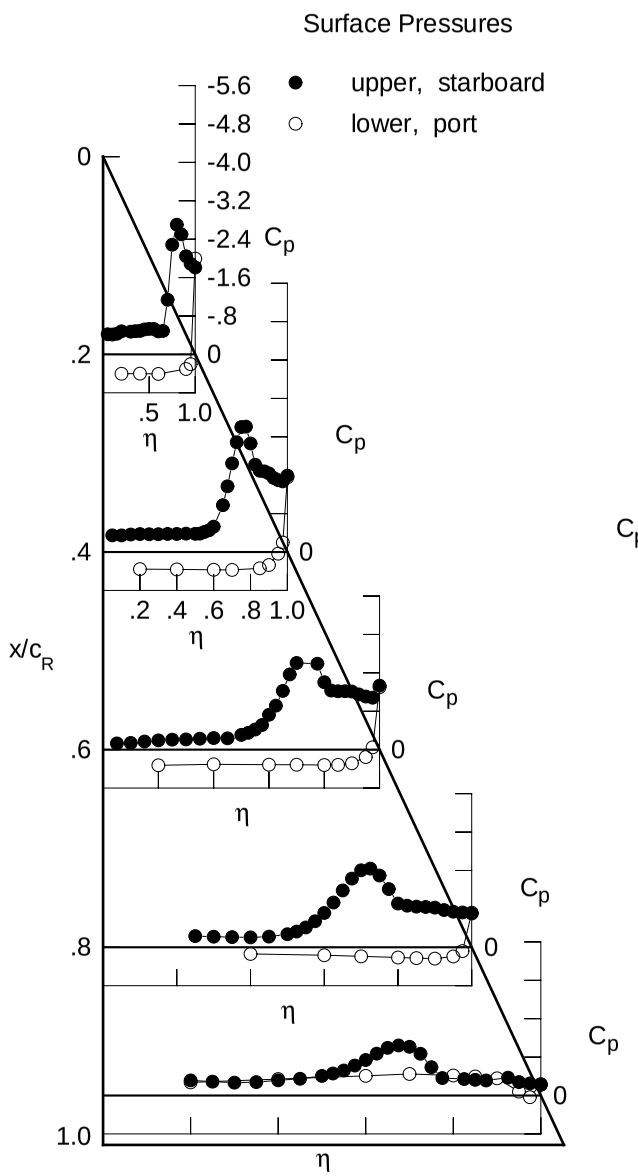
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
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 $C_{p,u}$	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	-0.4188	-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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4031	0.3557	0.3264	*******	-0.2732
-0.400	0.4008	0.3621	0.3056	0.1384	-0.3422
-0.600	0.4069	0.3699	0.3138	0.1653	-0.4098
-0.700	*******	0.3728	0.3144	0.1886	-0.4488
-0.800	*******	*******	0.3205	0.2127	-0.4168
-0.850	*******	0.3395	0.3173	0.2257	-0.3966
-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



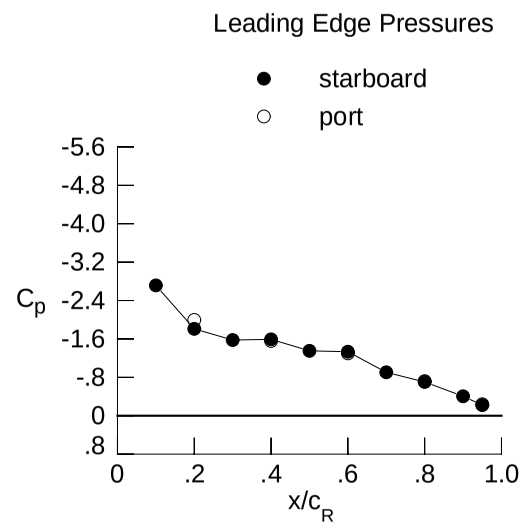
Small Radius L.E.

Run No. = 44 , Point No. = 945

C_N = 0.844, C_m = -0.1172

α = 18.7 °, M_∞ = 0.400

$R_{mac} = 60.0 \times 10^6$

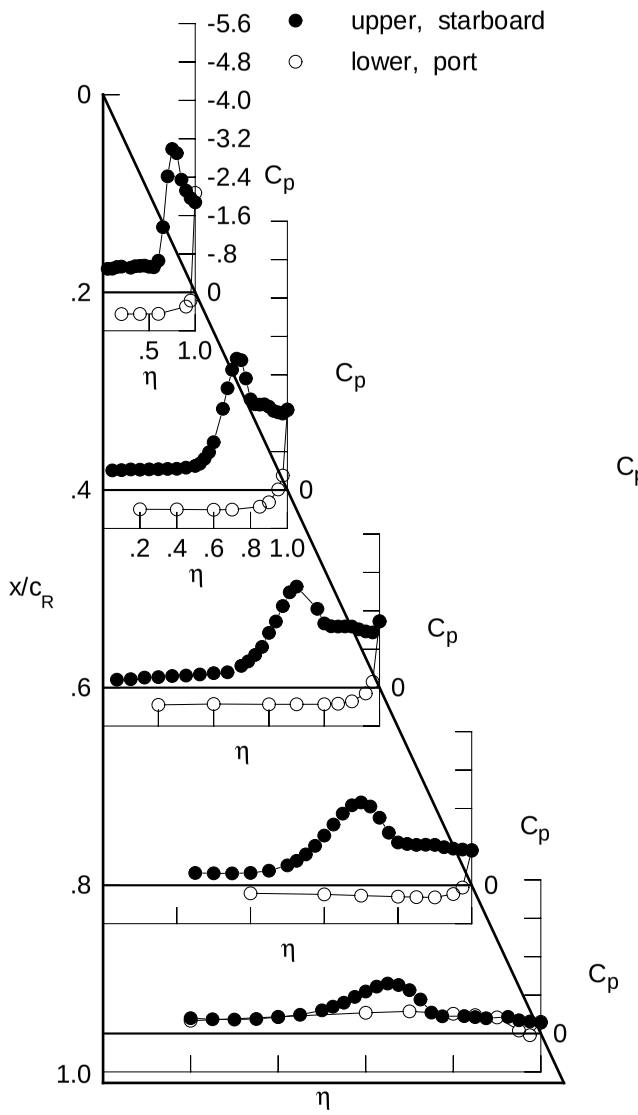


x/c_R	starb'd C_p	port C_p
0.10	-2.7151	*******
0.20	-1.8101	-1.9950
0.30	-1.5765	*******
0.40	-1.5912	-1.5573
0.50	-1.3522	*******
0.60	-1.3335	-1.2997
0.70	-0.9047	*******
0.80	-0.7037	-0.7208
0.90	-0.4052	*******
0.95	-0.2218	-0.2387

Table E1. Continued.

η	x/c_R .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	-0.4912	-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
0.300	-0.5145	-0.4335	-0.2523	-0.2493	-0.2902
0.350	-0.5455	-0.4403	-0.2740	-0.2480	-0.3027
0.400	-0.5519	-0.4434	-0.3012	-0.2575	-0.3405
0.450	-0.5578	-0.4665	-0.3200	-0.3036	-0.3907
0.500	-0.5341	-0.5022	-0.4537	-0.4144	-0.4823
0.525	*******	-0.5496	-0.5476	-0.5097	-0.5591
0.550	-0.5242	-0.6505	-0.6816	-0.6433	-0.6413
0.575	*******	-0.7873	-0.8487	-0.8216	-0.7634
0.600	-0.6596	-0.9959	-1.1408	-1.0354	-0.8752
0.625	*******	*******	-1.3774	-1.2656	-0.9770
0.650	-1.3595	-1.6922	-1.7003	-1.4932	-1.0405
0.675	*******	-2.1203	-1.9862	-1.6661	-1.0106
0.700	-2.4182	-2.5052	-2.1053	-1.7256	-0.9034
0.725	*******	-2.7371	*******	-1.6409	-0.7081
0.750	-2.9869	-2.7047	*******	-1.4072	-0.4359
0.775	*******	-2.3238	-1.6420	-1.0953	-0.3585
0.800	-2.9000	-1.8899	-1.3379	-0.8918	*******
0.825	*******	-1.7874	-1.2780	-0.8620	-0.3623
0.850	-2.3478	-1.7796	-1.2738	-0.8420	-0.3419
0.875	*******	-1.7854	-1.2748	-0.8449	-0.3178
0.900	-2.1205	-1.7358	-1.2732	-0.8414	*******
0.925	*******	-1.6497	-1.2145	-0.7939	-0.3464
0.950	-1.9645	-1.6185	-1.1713	-0.7641	-0.2760
0.975	*******	-1.5938	-1.1507	-0.7446	-0.2507
1.000	-1.8759	-1.6788	-1.3784	-0.7207	-0.2248
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4519	0.4012	0.3593	*******	-0.2661
-0.400	0.4498	0.4038	0.3412	0.1674	-0.3482
-0.600	0.4475	0.4101	0.3479	0.1898	-0.4319
-0.700	*******	0.4081	0.3471	0.2157	-0.4611
-0.800	*******	*******	0.3465	0.2372	-0.4110
-0.850	*******	0.3479	0.3348	0.2473	-0.3822
-0.900	0.2963	0.2549	0.2857	0.2521	-0.3356
-0.950	0.1703	-0.0127	0.1199	0.1820	-0.0620
-0.975	*******	-0.3019	-0.1213	0.0469	0.0350
-1.000	-2.0725	-1.6618	-1.3831	-0.7345	-0.2432

Surface Pressures



Small Radius L.E.

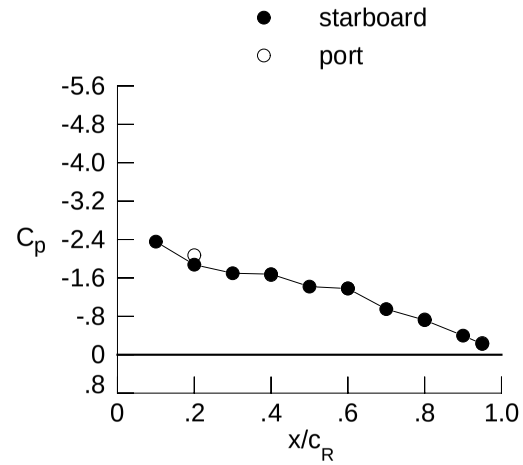
Run No. = 44 , Point No. = 946

C_N = 0.957, C_m = -0.1266

α = 20.7 °, M_∞ = 0.400

R_{mac} = 59.9×10^6

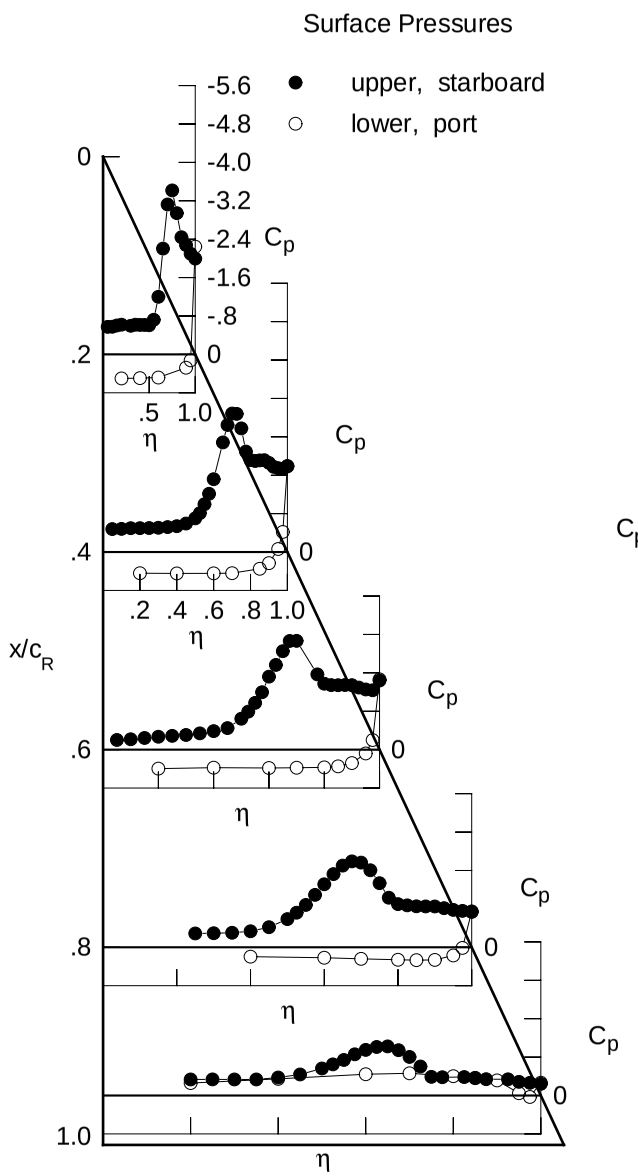
Leading Edge Pressures



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 .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	-0.5737	-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	*******	-0.3345
0.250	*******	-0.4998	-0.2875	-0.2879	-0.3362
0.300	-0.5960	-0.5059	-0.3053	-0.2930	-0.3344
0.350	-0.6183	-0.5197	-0.3389	-0.3028	-0.3340
0.400	-0.6136	-0.5382	-0.3856	-0.3337	-0.3752
0.450	-0.6136	-0.5933	-0.4489	-0.4184	-0.4382
0.500	-0.6073	-0.7013	-0.6440	-0.5869	-0.5630
0.525	*******	-0.8099	-0.7912	-0.7209	-0.6491
0.550	-0.7217	-0.9963	-0.9747	-0.8822	-0.7408
0.575	*******	-1.2138	-1.1962	-1.0922	-0.8585
0.600	-1.1988	-1.5176	-1.5204	-1.3126	-0.9503
0.625	*******	*******	-1.7644	-1.5250	-1.0113
0.650	-2.2040	-2.2834	-2.0516	-1.7016	-1.0231
0.675	*******	-2.6461	-2.2643	-1.7898	-0.9438
0.700	-3.1236	-2.8853	-2.2662	-1.7637	-0.8031
0.725	*******	-2.8788	*******	-1.6046	-0.6038
0.750	-3.4162	-2.5762	*******	-1.3351	-0.3885
0.775	*******	-2.0936	-1.5678	-1.0330	-0.3804
0.800	-2.9424	-1.9150	-1.3737	-0.8991	*******
0.825	*******	-1.8972	-1.3445	-0.8733	-0.3850
0.850	-2.4412	-1.9094	-1.3422	-0.8539	-0.3609
0.875	*******	-1.9139	-1.3462	-0.8514	-0.3403
0.900	-2.2774	-1.8565	-1.3429	-0.8507	*******
0.925	*******	-1.7761	-1.2934	-0.8153	-0.3380
0.950	-2.0970	-1.7473	-1.2539	-0.7792	-0.2849
0.975	*******	-1.7303	-1.2368	-0.7585	-0.2643
1.000	-1.9948	-1.7843	-1.4397	-0.7369	-0.2429
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5005	0.4417	0.3955	*******	-0.2594
-0.400	0.4947	0.4455	0.3758	0.1956	-0.3468
-0.600	0.4821	0.4444	0.3822	0.2175	-0.4433
-0.700	*******	0.4406	0.3771	0.2409	-0.4626
-0.800	*******	*******	0.3695	0.2598	-0.4022
-0.850	*******	0.3484	0.3484	0.2682	-0.3690
-0.900	0.2779	0.2312	0.2797	0.2636	-0.3143
-0.950	0.1240	-0.0631	0.0793	0.1705	-0.0478
-0.975	*******	-0.4184	-0.2000	0.0130	0.0307
-1.000	-2.2439	-1.7926	-1.4642	-0.7480	-0.2670



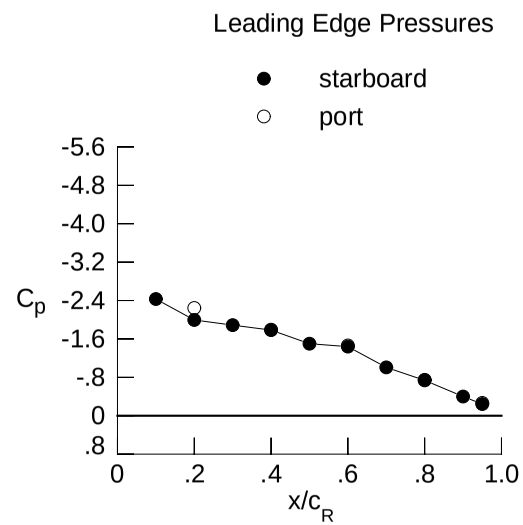
Small Radius L.E.

Run No. = 44 , Point No. = 947

C_N = 1.075, C_m = -0.1409

α = 22.8 °, M_∞ = 0.400

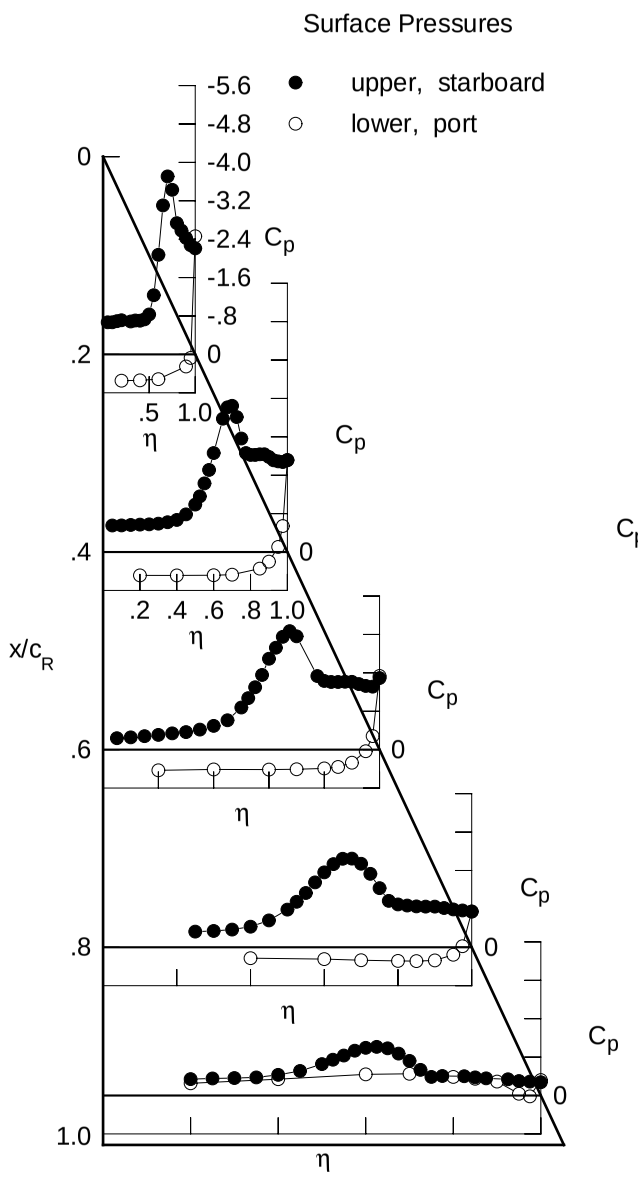
$R_{mac} = 60.1 \times 10^6$



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 .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	-0.6687	-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
0.300	-0.6854	-0.5916	-0.3659	-0.3398	-0.3637
0.350	-0.7064	-0.6210	-0.4174	-0.3692	-0.3770
0.400	-0.7019	-0.6684	-0.4955	-0.4286	-0.4303
0.450	-0.7292	-0.7848	-0.6120	-0.5596	-0.5112
0.500	-0.8316	-0.9886	-0.8773	-0.7851	-0.6545
0.525	*******	-1.1597	-1.0727	-0.9483	-0.7457
0.550	-1.2329	-1.4300	-1.2999	-1.1312	-0.8325
0.575	*******	-1.7104	-1.5559	-1.3521	-0.9334
0.600	-2.0743	-2.0622	-1.8937	-1.5609	-0.9938
0.625	*******	*******	-2.1230	-1.7324	-1.0133
0.650	-3.1042	-2.7778	-2.3506	-1.8444	-0.9832
0.675	*******	-3.0150	-2.4688	-1.8475	-0.8731
0.700	-3.7081	-3.0463	-2.3612	-1.7403	-0.7204
0.725	*******	-2.8119	*******	-1.5300	-0.5345
0.750	-3.4290	-2.3649	*******	-1.2323	-0.3869
0.775	*******	-2.0626	-1.5337	-0.9674	-0.4067
0.800	-2.7344	-2.0230	-1.4310	-0.8924	*******
0.825	*******	-2.0230	-1.4098	-0.8695	-0.4013
0.850	-2.5800	-2.0362	-1.4094	-0.8522	-0.3776
0.875	*******	-2.0368	-1.4141	-0.8468	-0.3575
0.900	-2.4262	-1.9806	-1.4131	-0.8471	*******
0.925	*******	-1.9113	-1.3667	-0.8181	-0.3382
0.950	-2.2747	-1.8889	-1.3268	-0.7887	-0.3016
0.975	*******	-1.8755	-1.3118	-0.7670	-0.2892
1.000	-2.2085	-1.9111	-1.4913	-0.7449	-0.2771
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5476	0.4867	0.4308	*******	-0.2540
-0.400	0.5405	0.4872	0.4125	0.2268	-0.3399
-0.600	0.5159	0.4834	0.4154	0.2460	-0.4407
-0.700	*******	0.4719	0.4085	0.2695	-0.4525
-0.800	*******	*******	0.3915	0.2841	-0.3869
-0.850	*******	0.3454	0.3608	0.2882	-0.3492
-0.900	0.2517	0.2003	0.2723	0.2736	-0.2908
-0.950	0.0740	-0.1066	0.0328	0.1554	-0.0365
-0.975	*******	-0.5415	-0.2821	-0.0220	0.0176
-1.000	-2.4610	-1.9184	-1.5355	-0.7450	-0.3225



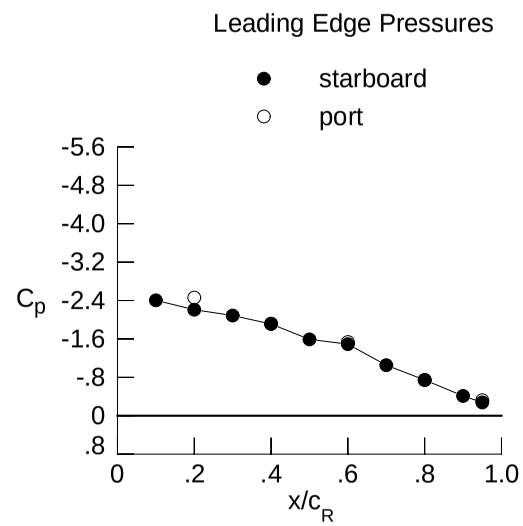
Small Radius L.E.

Run No. = 44 , Point No. = 948

C_N = 1.193, C_m = -0.1544

α = 24.8 °, M_∞ = 0.400

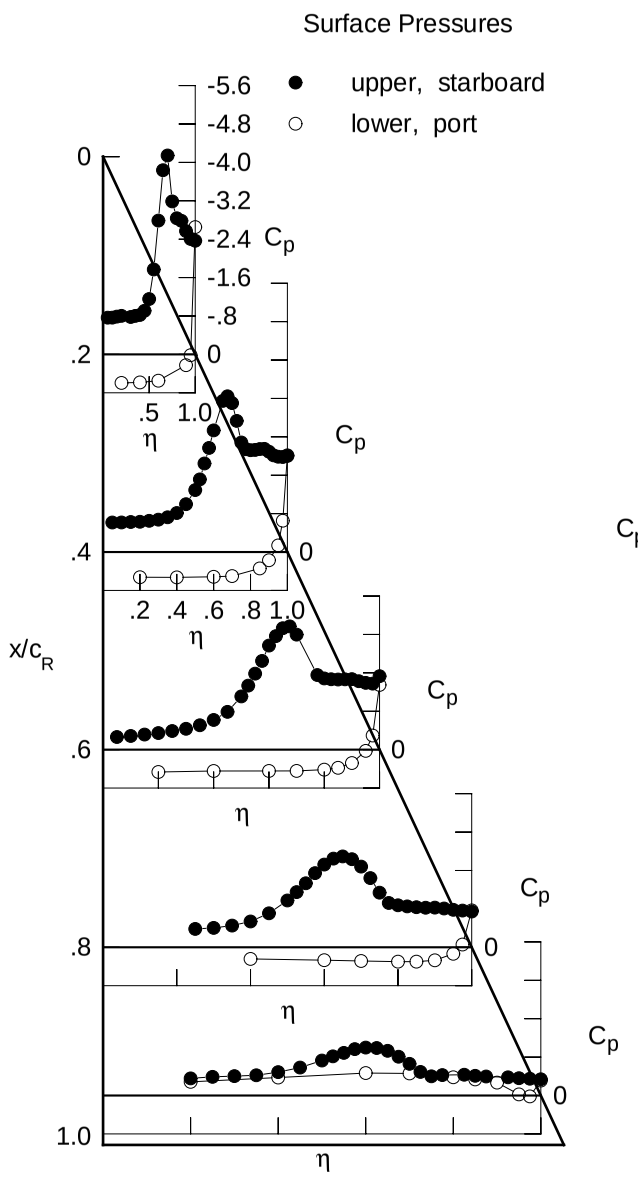
R_{mac} = 60.0×10^6



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 $C_{p,u}$	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	-0.7645	-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	-0.3891
0.300	-0.7796	-0.6743	-0.4345	-0.4039	-0.4043
0.350	-0.8026	-0.7240	-0.5077	-0.4522	-0.4216
0.400	-0.8215	-0.8127	-0.6187	-0.5376	-0.4869
0.450	-0.9087	-0.9965	-0.7874	-0.7083	-0.5822
0.500	-1.1535	-1.2913	-1.1087	-0.9753	-0.7285
0.525	*******	-1.5139	-1.3338	-1.1497	-0.8159
0.550	-1.7690	-1.8447	-1.5835	-1.3338	-0.8877
0.575	*******	-2.1690	-1.8477	-1.5446	-0.9667
0.600	-2.7871	-2.5345	-2.1679	-1.7233	-0.9984
0.625	*******	*******	-2.3647	-1.8468	-0.9900
0.650	-3.8370	-3.1491	-2.5294	-1.8924	-0.9314
0.675	*******	-3.2444	-2.5683	-1.8351	-0.8076
0.700	-4.1441	-3.1028	-2.3962	-1.6805	-0.6603
0.725	*******	-2.7319	*******	-1.4415	-0.4912
0.750	-3.1869	-2.2825	*******	-1.1373	-0.3997
0.775	*******	-2.1422	-1.5545	-0.9236	-0.4259
0.800	-2.8361	-2.1217	-1.4831	-0.8754	*******
0.825	*******	-2.1268	-1.4661	-0.8521	-0.4330
0.850	-2.7830	-2.1457	-1.4605	-0.8352	-0.4103
0.875	*******	-2.1493	-1.4652	-0.8243	-0.3962
0.900	-2.5699	-2.0903	-1.4688	-0.8262	*******
0.925	*******	-2.0145	-1.4257	-0.8078	-0.3791
0.950	-2.4047	-1.9859	-1.3909	-0.7808	-0.3607
0.975	*******	-1.9799	-1.3750	-0.7645	-0.3496
1.000	-2.3672	-2.0021	-1.5301	-0.7445	-0.3382
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5942	0.5249	0.4658	*******	-0.2845
-0.400	0.5842	0.5277	0.4450	0.2425	-0.3742
-0.600	0.5477	0.5157	0.4443	0.2686	-0.4677
-0.700	*******	0.5009	0.4430	0.2853	-0.4598
-0.800	*******	*******	0.4169	0.2994	-0.3799
-0.850	*******	0.3415	0.3782	0.2995	-0.3355
-0.900	0.2247	0.1709	0.2795	0.2712	-0.2684
-0.950	0.0165	-0.1377	0.0252	0.1352	-0.0230
-0.975	*******	-0.6527	-0.2948	-0.0574	0.0187
-1.000	-2.6524	-2.0146	-1.3476	-0.7688	-0.3111



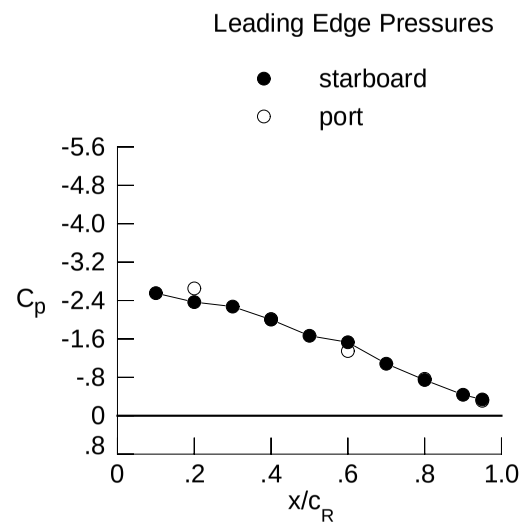
Small Radius L.E.

Run No. = 44 , Point No. = 949

C_N = 1.278, C_m = -0.1575

α = 26.9 °, M_∞ = 0.400

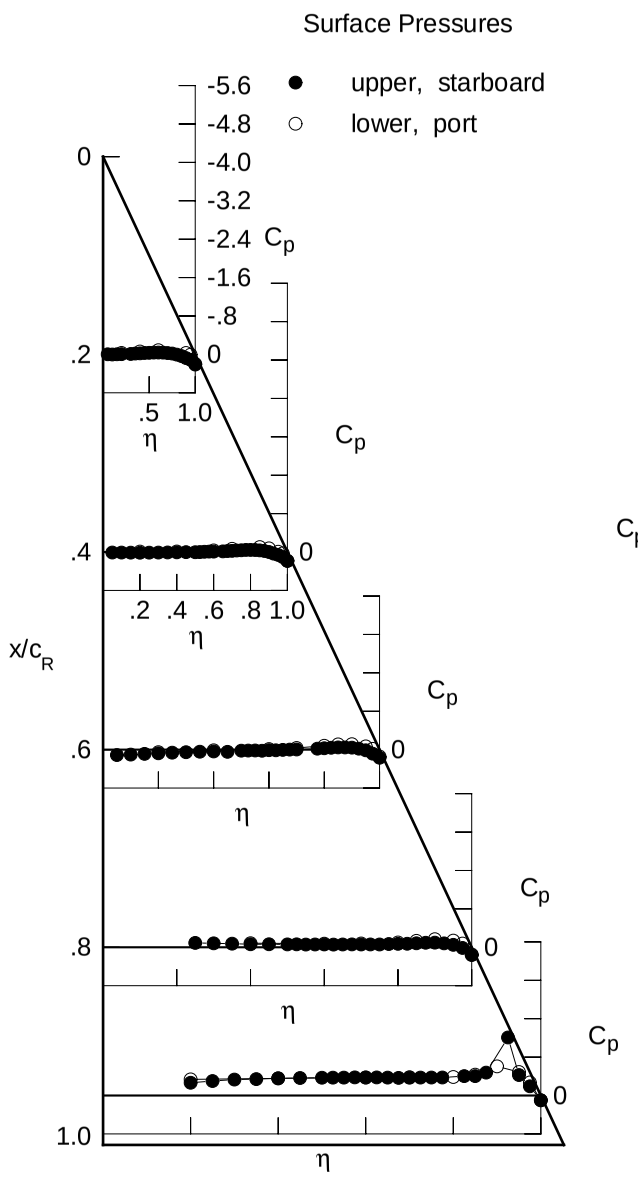
R_{mac} = 60.0×10^6



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 $C_{p,u}$	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	-0.0022	0.0103	0.1132	*******	*******
0.100	0.0025	0.0116	0.1033	*******	*******
0.150	-0.0022	0.0124	0.0884	*******	*******
0.200	-0.0047	0.0143	0.0761	*******	-0.2657
0.250	*******	0.0124	0.0628	-0.0916	-0.3018
0.300	-0.0084	0.0113	0.0533	-0.0821	-0.3322
0.350	-0.0173	0.0087	0.0429	-0.0752	-0.3415
0.400	-0.0214	0.0065	0.0379	-0.0634	-0.3582
0.450	-0.0295	0.0028	0.0458	-0.0631	-0.3650
0.500	-0.0328	0.0042	0.0218	-0.0602	-0.3707
0.525	*******	0.0010	0.0192	-0.0613	-0.3723
0.550	-0.0379	-0.0058	0.0174	-0.0571	-0.3725
0.575	*******	-0.0086	0.0235	-0.0586	-0.3772
0.600	-0.0382	-0.0089	0.0110	-0.0592	-0.3773
0.625	*******	*******	0.0136	-0.0559	-0.3770
0.650	-0.0371	-0.0133	0.0052	-0.0587	-0.3730
0.675	*******	-0.0210	-0.0009	-0.0597	-0.3674
0.700	-0.0283	-0.0250	-0.0029	-0.0585	-0.3712
0.725	*******	-0.0321	*******	-0.0591	-0.3736
0.750	-0.0179	-0.0370	*******	-0.0587	-0.3747
0.775	*******	-0.0437	-0.0201	-0.0678	-0.3752
0.800	0.0050	-0.0442	-0.0287	-0.0723	*******
0.825	*******	-0.0428	-0.0395	-0.0733	-0.4042
0.850	0.0348	-0.0347	-0.0461	-0.0834	-0.4037
0.875	*******	-0.0224	-0.0458	-0.0941	-0.4772
0.900	0.0761	-0.0011	-0.0415	-0.0966	*******
0.925	*******	0.0332	-0.0202	-0.0813	-1.2084
0.950	0.1138	0.0604	0.0136	-0.0510	-0.4262
0.975	*******	0.1053	0.0843	0.0132	-0.1920
1.000	0.2123	0.1853	0.1688	0.1612	0.0995
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0304	-0.0099	0.0529	*******	-0.3360
-0.400	-0.0602	-0.0116	0.0133	-0.0851	-0.3572
-0.600	-0.0872	-0.0335	-0.0118	-0.0750	-0.3729
-0.700	*******	-0.0675	-0.0343	-0.0794	-0.3814
-0.800	*******	*******	-0.0812	-0.0999	-0.3854
-0.850	*******	-0.1032	-0.1093	-0.1348	-0.4345
-0.900	-0.0299	-0.0765	-0.1138	-0.1690	-0.6072
-0.950	0.0054	-0.0065	-0.0676	-0.1391	-0.4894
-0.975	*******	0.0265	-0.0169	-0.0780	-0.2725
-1.000	0.1987	0.1809	0.1426	0.1504	0.0994



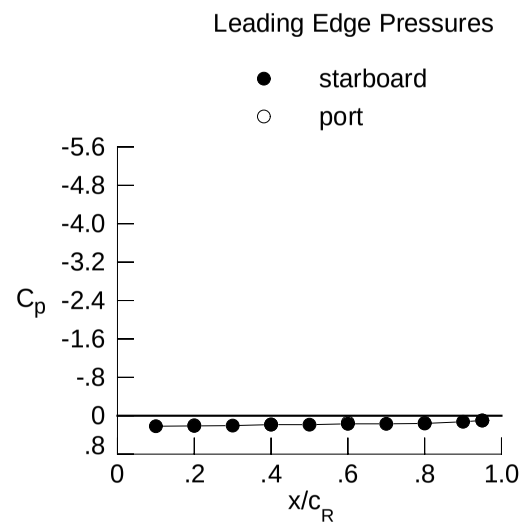
Small Radius L.E.

Run No. = 45 , Point No. = 950

C_N = -0.026, C_m = 0.0012

α = -0.6 °, M_∞ = 0.601

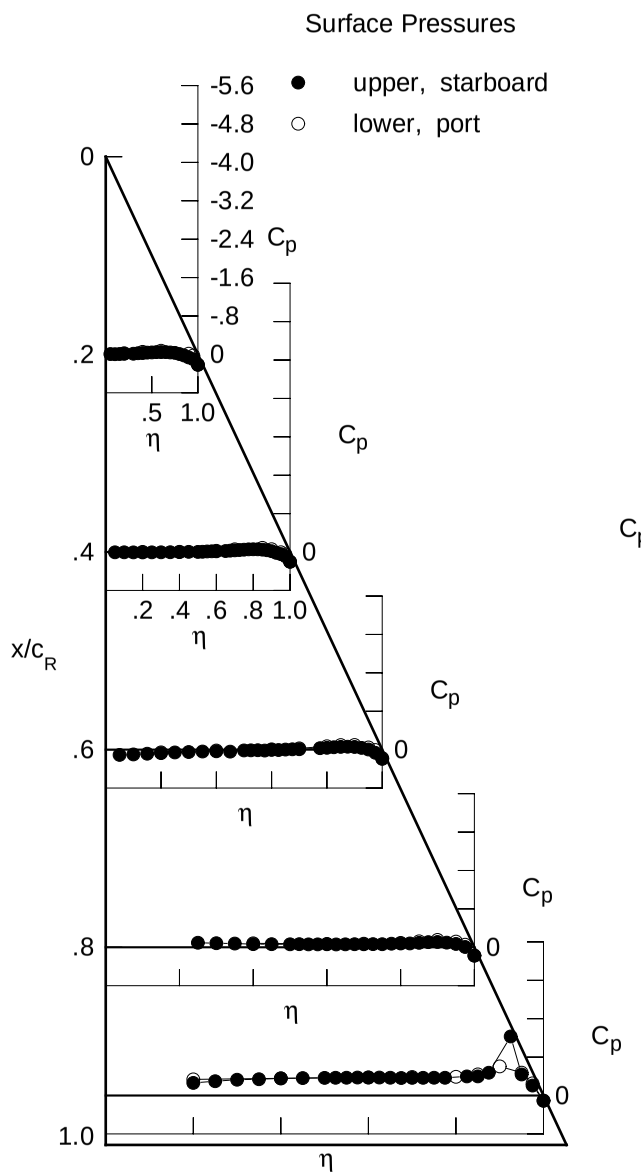
$R_{mac} = 60.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.2188	*******
0.20	0.2123	0.1987
0.30	0.2059	*******
0.40	0.1853	0.1809
0.50	0.1866	*******
0.60	0.1688	0.1426
0.70	0.1688	*******
0.80	0.1612	0.1504
0.90	0.1255	*******
0.95	0.0995	0.0994

Table E2. 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	-0.0072	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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-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



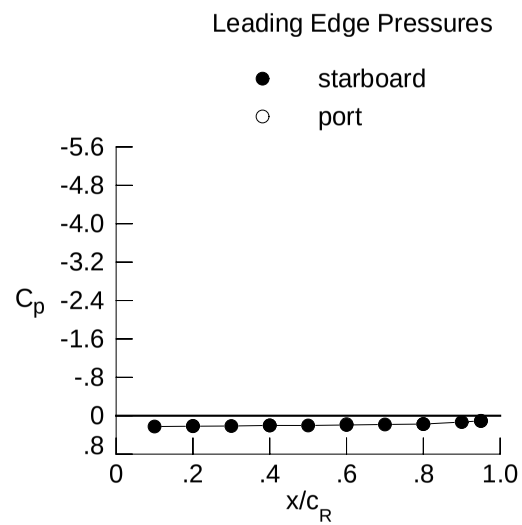
Small Radius L.E.

Run No. = 45 , Point No. = 951

C_N = -0.013, C_m = -0.0006

α = -0.3 °, M_∞ = 0.601

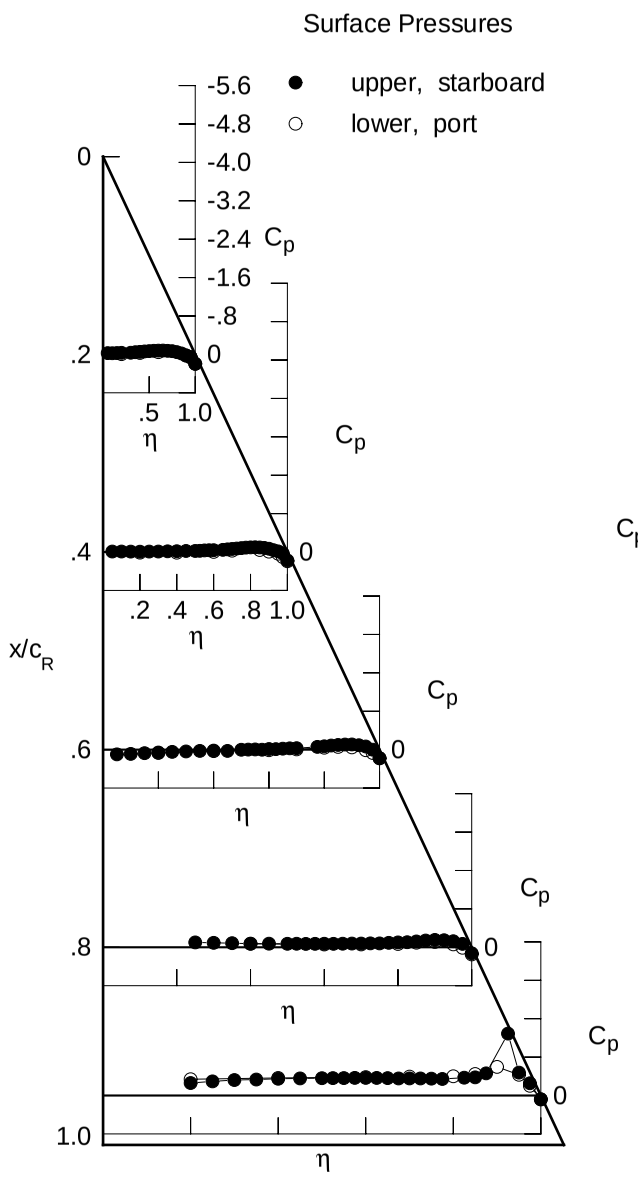
R_{mac} = 59.9×10^6



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 $C_{p,u}$	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	-0.0263	-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	*******	-0.2599
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0046	0.0131	0.0690	*******	-0.3390
-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



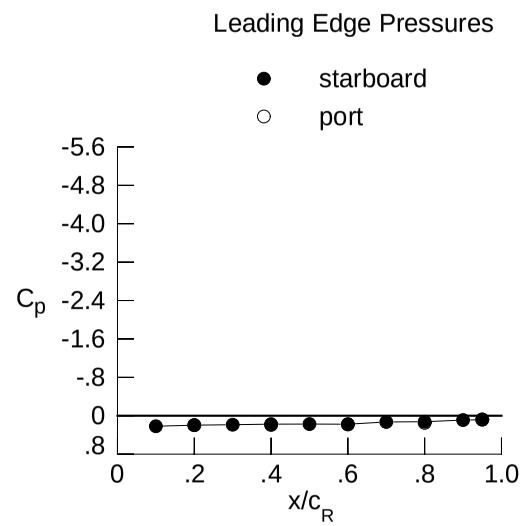
Small Radius L.E.

Run No. = 45 , Point No. = 952

C_N = 0.024, C_m = -0.0058

α = 0.8 °, M_∞ = 0.600

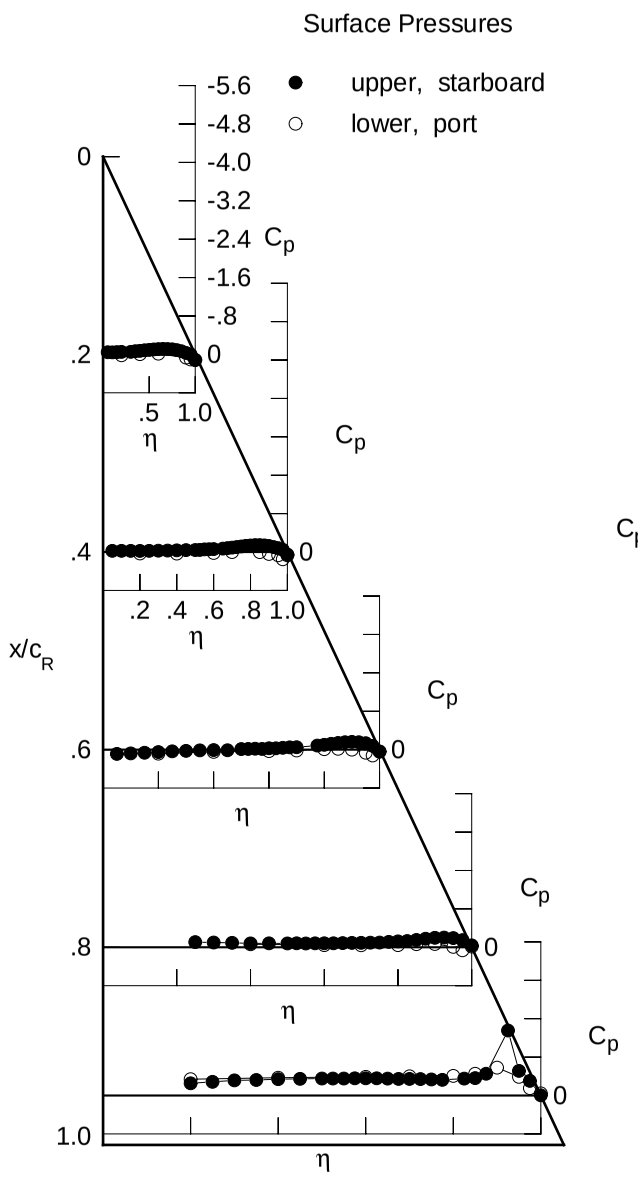
$R_{mac} = 59.9 \times 10^6$



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

Table E2. 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	-0.0249	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



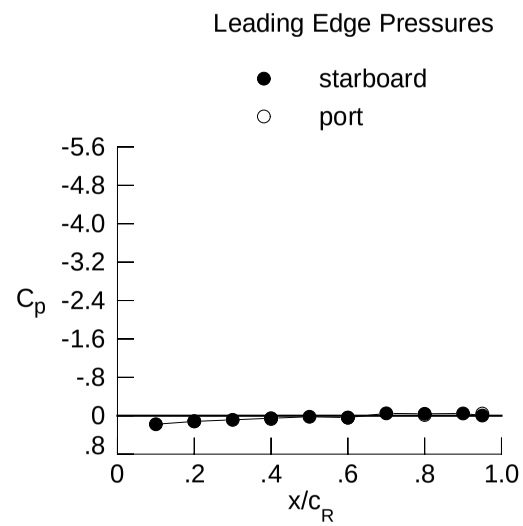
Small Radius L.E.

Run No. = 45 , Point No. = 953

C_N = 0.060, C_m = -0.0109

α = 1.9 °, M_∞ = 0.600

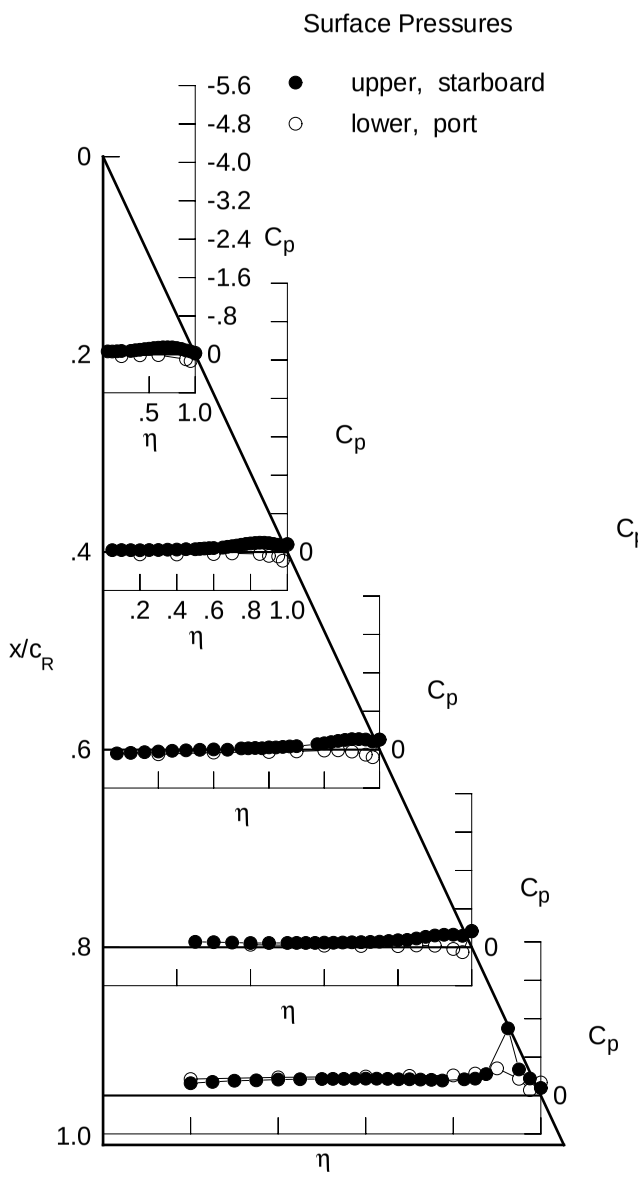
$R_{mac} = 59.9 \times 10^6$



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

Table E2. 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	-0.0624	-0.0394	0.0783	*******	*******
0.100	-0.0600	-0.0405	0.0677	*******	*******
0.150	-0.0645	-0.0393	0.0527	*******	*******
0.200	-0.0709	-0.0379	0.0392	*******	-0.2556
0.250	*******	-0.0413	0.0244	-0.1138	-0.2835
0.300	-0.0719	-0.0422	0.0146	-0.1067	-0.3077
0.350	-0.0866	-0.0488	0.0036	-0.0987	-0.3162
0.400	-0.0958	-0.0509	-0.0051	-0.0888	-0.3322
0.450	-0.1088	-0.0591	0.0017	-0.0896	-0.3395
0.500	-0.1187	-0.0587	-0.0258	-0.0900	-0.3442
0.525	*******	-0.0652	-0.0283	-0.0910	-0.3467
0.550	-0.1313	-0.0736	-0.0348	-0.0902	-0.3463
0.575	*******	-0.0807	-0.0287	-0.0916	-0.3504
0.600	-0.1392	-0.0834	-0.0470	-0.0966	-0.3515
0.625	*******	*******	-0.0457	-0.0946	-0.3503
0.650	-0.1472	-0.0946	-0.0565	-0.0989	-0.3472
0.675	*******	-0.1088	-0.0663	-0.1040	-0.3384
0.700	-0.1476	-0.1220	-0.0718	-0.1073	-0.3387
0.725	*******	-0.1350	*******	-0.1123	-0.3321
0.750	-0.1466	-0.1512	*******	-0.1170	-0.3264
0.775	*******	-0.1678	-0.1133	-0.1314	-0.3123
0.800	-0.1317	-0.1793	-0.1329	-0.1469	*******
0.825	*******	-0.1884	-0.1565	-0.1537	-0.3377
0.850	-0.1125	-0.1941	-0.1813	-0.1829	-0.3515
0.875	*******	-0.1938	-0.2021	-0.2174	-0.4455
0.900	-0.0821	-0.1854	-0.2186	-0.2460	*******
0.925	*******	-0.1680	-0.2188	-0.2612	-1.3987
0.950	-0.0607	-0.1521	-0.2103	-0.2625	-0.5432
0.975	*******	-0.1306	-0.1676	-0.2392	-0.3540
1.000	-0.0160	-0.1660	-0.2088	-0.3306	-0.1571
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0371	0.0479	0.0962	*******	-0.3428
-0.400	0.0183	0.0500	0.0605	-0.0527	-0.3779
-0.600	0.0143	0.0420	0.0484	-0.0336	-0.3956
-0.700	*******	0.0280	0.0360	-0.0268	-0.4086
-0.800	*******	*******	0.0182	-0.0241	-0.4187
-0.850	*******	0.0396	0.0136	-0.0382	-0.4568
-0.900	0.1012	0.0796	0.0399	-0.0324	-0.5659
-0.950	0.1383	0.0909	0.1048	0.0351	-0.3482
-0.975	*******	0.1805	0.1576	0.1019	-0.1132
-1.000	-0.0333	-0.1482	-0.2091	-0.3425	-0.2715



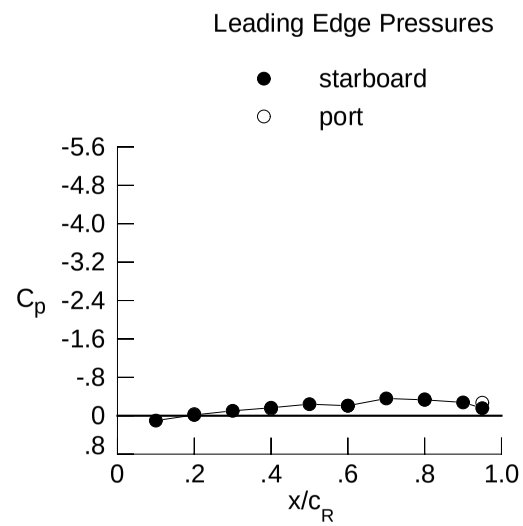
Small Radius L.E.

Run No. = 45 , Point No. = 954

C_N = 0.093, C_m = -0.0121

α = 2.9 °, M_∞ = 0.601

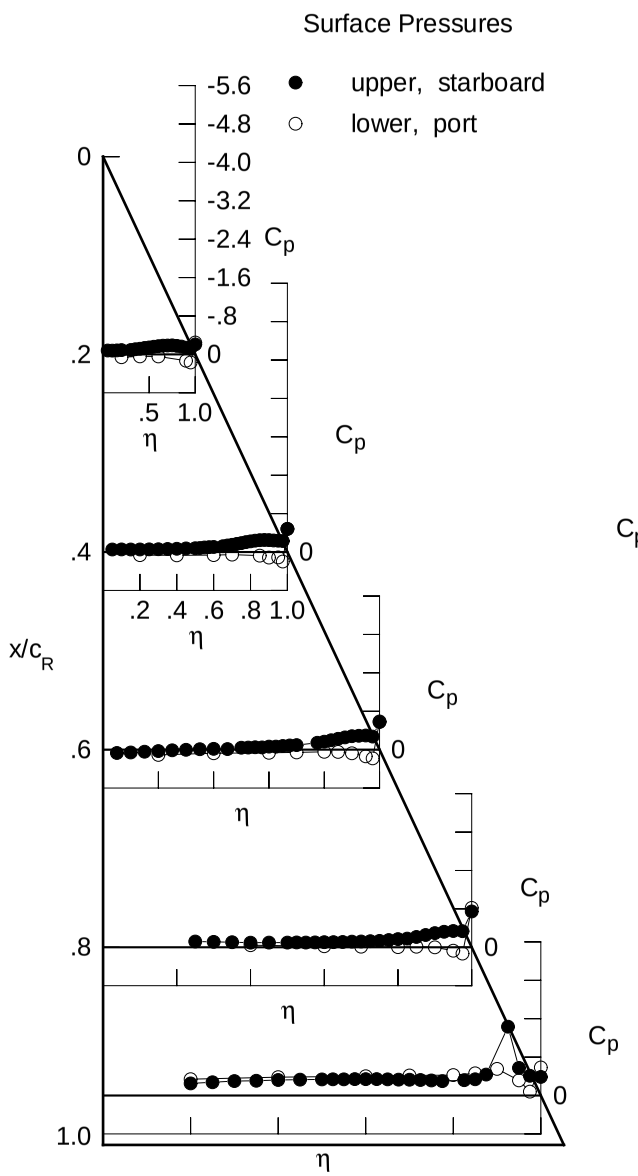
$R_{mac} = 60.0 \times 10^6$



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 $C_{p,u}$	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	-0.0811	-0.0526	0.0692	*******	*******
0.100	-0.0786	-0.0547	0.0590	*******	*******
0.150	-0.0833	-0.0525	0.0436	*******	*******
0.200	-0.0894	-0.0534	0.0294	*******	-0.2519
0.250	*******	-0.0564	0.0138	-0.1204	-0.2764
0.300	-0.0908	-0.0587	0.0035	-0.1127	-0.3007
0.350	-0.1069	-0.0637	-0.0087	-0.1059	-0.3074
0.400	-0.1173	-0.0682	-0.0172	-0.0960	-0.3230
0.450	-0.1335	-0.0754	-0.0121	-0.0973	-0.3302
0.500	-0.1444	-0.0790	-0.0402	-0.0978	-0.3351
0.525	*******	-0.0831	-0.0435	-0.1006	-0.3374
0.550	-0.1595	-0.0951	-0.0493	-0.0988	-0.3369
0.575	*******	-0.1014	-0.0461	-0.1013	-0.3418
0.600	-0.1709	-0.1056	-0.0631	-0.1061	-0.3412
0.625	*******	*******	-0.0630	-0.1071	-0.3416
0.650	-0.1813	-0.1209	-0.0756	-0.1105	-0.3366
0.675	*******	-0.1367	-0.0872	-0.1177	-0.3308
0.700	-0.1849	-0.1508	-0.0942	-0.1207	-0.3290
0.725	*******	-0.1689	*******	-0.1273	-0.3230
0.750	-0.1882	-0.1859	*******	-0.1338	-0.3136
0.775	*******	-0.2064	-0.1428	-0.1515	-0.2995
0.800	-0.1777	-0.2221	-0.1658	-0.1702	*******
0.825	*******	-0.2371	-0.1959	-0.1807	-0.3194
0.850	-0.1635	-0.2471	-0.2258	-0.2154	-0.3385
0.875	*******	-0.2513	-0.2549	-0.2564	-0.4363
0.900	-0.1389	-0.2490	-0.2798	-0.2952	*******
0.925	*******	-0.2410	-0.2891	-0.3229	-1.4335
0.950	-0.1296	-0.2360	-0.2942	-0.3390	-0.5754
0.975	*******	-0.2300	-0.2724	-0.3353	-0.4115
1.000	-0.2076	-0.4824	-0.5751	-0.7465	-0.3870
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0596	0.0648	0.1093	*******	-0.3403
-0.400	0.0415	0.0688	0.0754	-0.0431	-0.3821
-0.600	0.0427	0.0638	0.0654	-0.0214	-0.4017
-0.700	*******	0.0539	0.0574	-0.0128	-0.4167
-0.800	*******	*******	0.0450	-0.0035	-0.4253
-0.850	*******	0.0748	0.0473	-0.0124	-0.4626
-0.900	0.1322	0.1152	0.0761	0.0007	-0.5548
-0.950	0.1677	0.1120	0.1388	0.0711	-0.3148
-0.975	*******	0.1977	0.1816	0.1315	-0.0810
-1.000	-0.2473	-0.4797	-0.5875	-0.8205	-0.5843



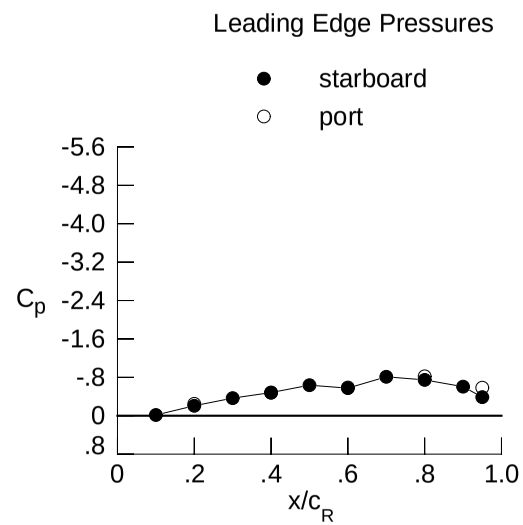
Small Radius L.E.

Run No. = 45 , Point No. = 955

C_N = 0.131, C_m = -0.0185

α = 4.0 °, M_∞ = 0.600

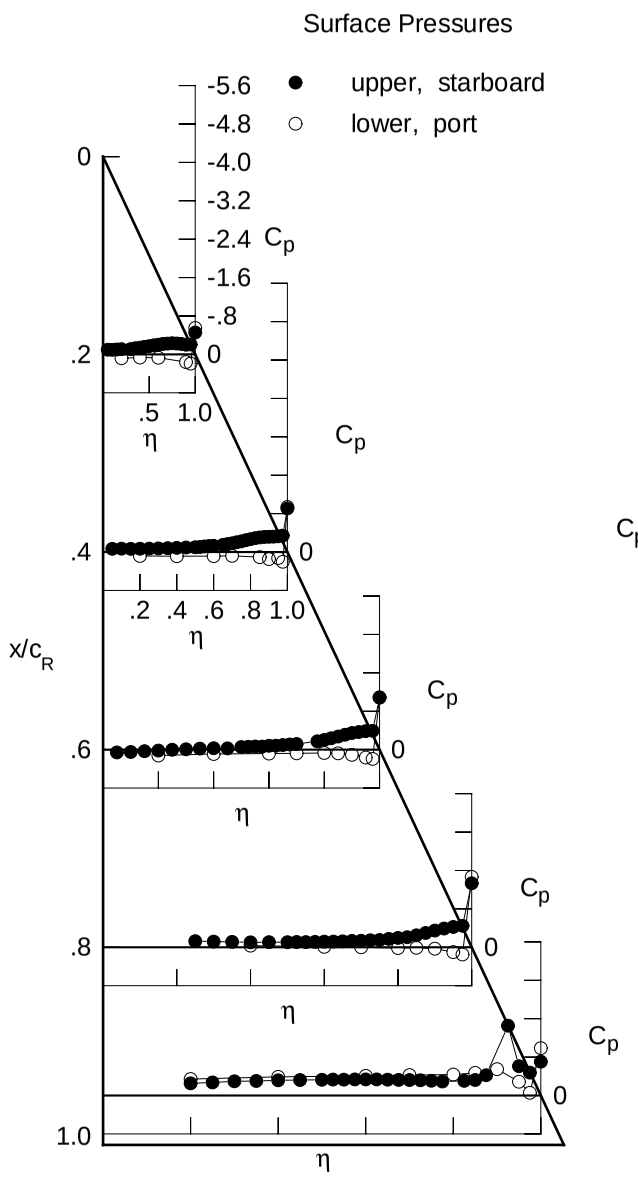
$R_{mac} = 60.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.0148	*******
0.20	-0.2076	-0.2473
0.30	-0.3668	*******
0.40	-0.4824	-0.4797
0.50	-0.6364	*******
0.60	-0.5751	-0.5875
0.70	-0.8110	*******
0.80	-0.7465	-0.8205
0.90	-0.6053	*******
0.95	-0.3870	-0.5843

Table E2. 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	-0.0976	-0.0672	0.0581	*******	*******
0.100	-0.0953	-0.0708	0.0491	*******	*******
0.150	-0.1021	-0.0667	0.0317	*******	*******
0.200	-0.1090	-0.0689	0.0190	*******	-0.2532
0.250	*******	-0.0709	0.0028	-0.1275	-0.2724
0.300	-0.1101	-0.0756	-0.0070	-0.1186	-0.2958
0.350	-0.1278	-0.0808	-0.0213	-0.1131	-0.3023
0.400	-0.1402	-0.0876	-0.0296	-0.1029	-0.3164
0.450	-0.1574	-0.0943	-0.0265	-0.1060	-0.3225
0.500	-0.1711	-0.0998	-0.0543	-0.1057	-0.3279
0.525	*******	-0.1040	-0.0595	-0.1106	-0.3316
0.550	-0.1884	-0.1176	-0.0656	-0.1079	-0.3306
0.575	*******	-0.1251	-0.0630	-0.1127	-0.3348
0.600	-0.2024	-0.1299	-0.0810	-0.1175	-0.3350
0.625	*******	*******	-0.0816	-0.1183	-0.3353
0.650	-0.2173	-0.1480	-0.0959	-0.1237	-0.3297
0.675	*******	-0.1658	-0.1084	-0.1326	-0.3247
0.700	-0.2244	-0.1814	-0.1179	-0.1357	-0.3223
0.725	*******	-0.2034	*******	-0.1463	-0.3177
0.750	-0.2328	-0.2226	*******	-0.1530	-0.3074
0.775	*******	-0.2474	-0.1734	-0.1755	-0.2922
0.800	-0.2267	-0.2683	-0.2013	-0.1952	*******
0.825	*******	-0.2887	-0.2367	-0.2099	-0.3054
0.850	-0.2174	-0.3038	-0.2729	-0.2495	-0.3231
0.875	*******	-0.3147	-0.3102	-0.2988	-0.4225
0.900	-0.2009	-0.3172	-0.3461	-0.3485	*******
0.925	*******	-0.3203	-0.3671	-0.3906	-1.4544
0.950	-0.2066	-0.3268	-0.3856	-0.4232	-0.6116
0.975	*******	-0.3436	-0.3932	-0.4479	-0.4766
1.000	-0.4562	-0.9081	-1.0820	-1.3335	-0.7049
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0799	0.0817	0.1222	*******	-0.3428
-0.400	0.0645	0.0871	0.0902	-0.0344	-0.3884
-0.600	0.0694	0.0852	0.0814	-0.0093	-0.4098
-0.700	*******	0.0790	0.0768	-0.0001	-0.4254
-0.800	*******	*******	0.0699	0.0161	-0.4365
-0.850	*******	0.1064	0.0768	0.0105	-0.4713
-0.900	0.1601	0.1462	0.1081	0.0299	-0.5491
-0.950	0.1922	0.1248	0.1647	0.1004	-0.2873
-0.975	*******	0.2022	0.1931	0.1493	-0.0570
-1.000	-0.5506	-0.9385	-1.0904	-1.4661	-0.9865



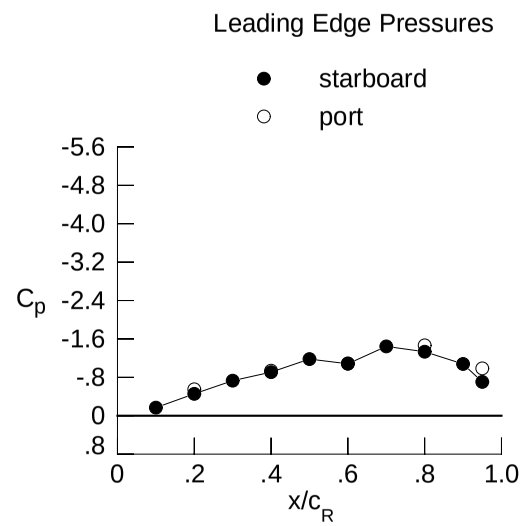
Small Radius L.E.

Run No. = 45 , Point No. = 956

C_N = 0.166, C_m = -0.0222

α = 5.0 °, M_∞ = 0.601

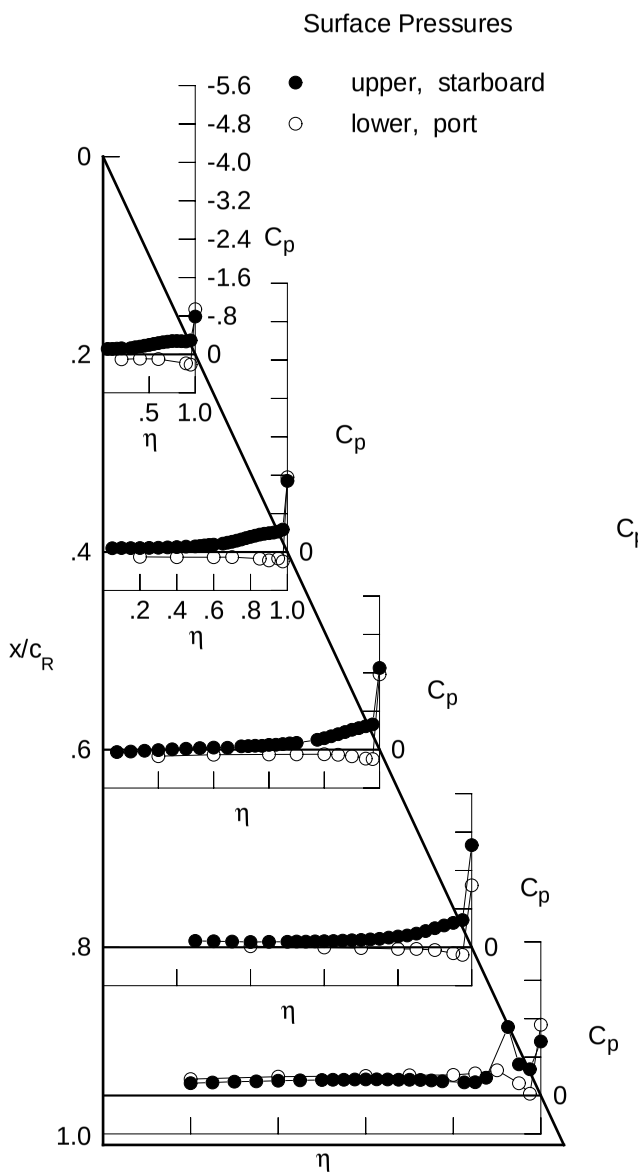
$R_{mac} = 60.0 \times 10^6$



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 $C_{p,u}$	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	-0.1146	-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
0.300	-0.1292	-0.0894	-0.0181	-0.1256	-0.2883
0.350	-0.1484	-0.0967	-0.0319	-0.1189	-0.2943
0.400	-0.1617	-0.1031	-0.0421	-0.1107	-0.3082
0.450	-0.1806	-0.1131	-0.0389	-0.1136	-0.3162
0.500	-0.1974	-0.1177	-0.0687	-0.1146	-0.3235
0.525	*******	-0.1244	-0.0740	-0.1197	-0.3281
0.550	-0.2177	-0.1374	-0.0807	-0.1177	-0.3279
0.575	*******	-0.1472	-0.0789	-0.1235	-0.3337
0.600	-0.2348	-0.1534	-0.0993	-0.1274	-0.3350
0.625	*******	*******	-0.1015	-0.1302	-0.3365
0.650	-0.2524	-0.1748	-0.1161	-0.1381	-0.3345
0.675	*******	-0.1942	-0.1304	-0.1464	-0.3284
0.700	-0.2644	-0.2139	-0.1408	-0.1527	-0.3282
0.725	*******	-0.2369	*******	-0.1641	-0.3241
0.750	-0.2772	-0.2613	*******	-0.1762	-0.3135
0.775	*******	-0.2898	-0.2045	-0.2017	-0.2950
0.800	-0.2784	-0.3157	-0.2374	-0.2251	*******
0.825	*******	-0.3399	-0.2784	-0.2455	-0.2732
0.850	-0.2751	-0.3633	-0.3219	-0.2845	-0.2767
0.875	*******	-0.3808	-0.3667	-0.3382	-0.3702
0.900	-0.2694	-0.3927	-0.4133	-0.3974	*******
0.925	*******	-0.4045	-0.4481	-0.4546	-1.4269
0.950	-0.2929	-0.4258	-0.4869	-0.5080	-0.6494
0.975	*******	-0.4687	-0.5265	-0.5672	-0.5472
1.000	-0.7882	-1.4819	-1.7017	-2.1278	-1.1255
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1026	0.1004	0.1366	*******	-0.3420
-0.400	0.0891	0.1073	0.1056	-0.0219	-0.3925
-0.600	0.0978	0.1083	0.1001	0.0039	-0.4070
-0.700	*******	0.1059	0.0981	0.0159	-0.4211
-0.800	*******	*******	0.0956	0.0345	-0.4285
-0.850	*******	0.1384	0.1065	0.0343	-0.4606
-0.900	0.1863	0.1743	0.1384	0.0578	-0.5254
-0.950	0.2134	0.1342	0.1869	0.1235	-0.2554
-0.975	*******	0.1962	0.1965	0.1573	-0.0367
-1.000	-0.9405	-1.5575	-1.5687	-1.2908	-1.4742



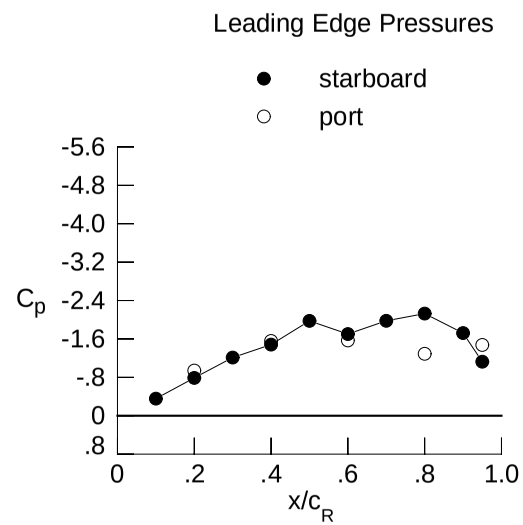
Small Radius L.E.

Run No. = 45 , Point No. = 957

C_N = 0.205, C_m = -0.0290

α = 6.0 °, M_∞ = 0.600

$R_{mac} = 60.0 \times 10^6$

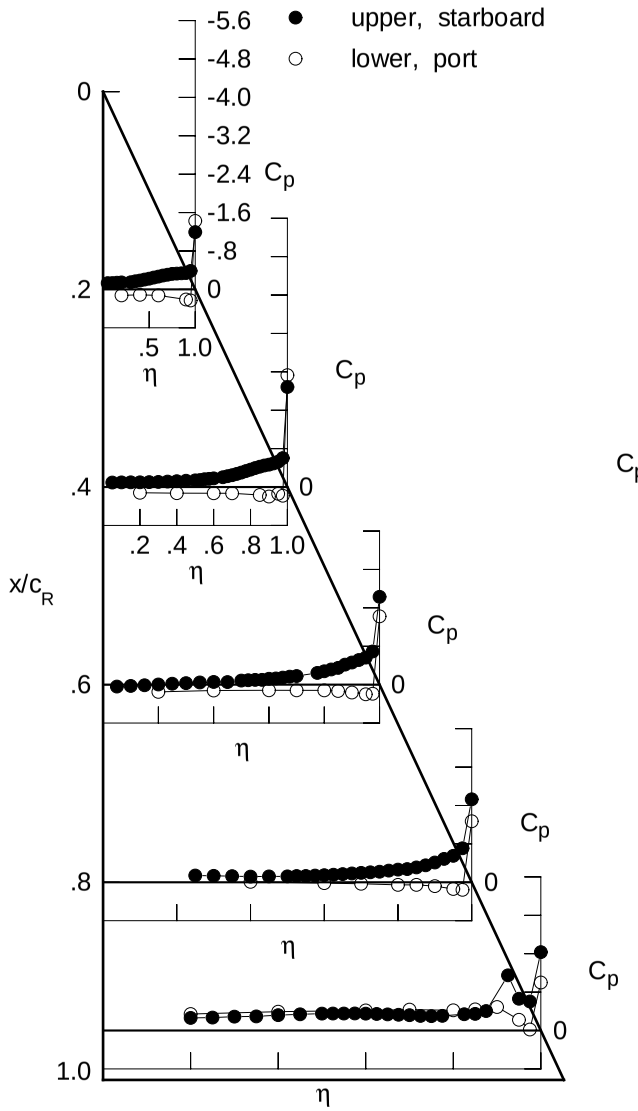


x/c_R	starb'd C_p	port C_p
0.10	-0.3559	*******
0.20	-0.7882	-0.9405
0.30	-1.2119	*******
0.40	-1.4819	-1.5575
0.50	-1.9762	*******
0.60	-1.7017	-1.5687
0.70	-1.9773	*******
0.80	-2.1278	-1.2908
0.90	-1.7220	*******
0.95	-1.1255	-1.4742

Table E2. 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	-0.1307	-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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-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	0.0536	-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

Surface Pressures



Small Radius L.E.

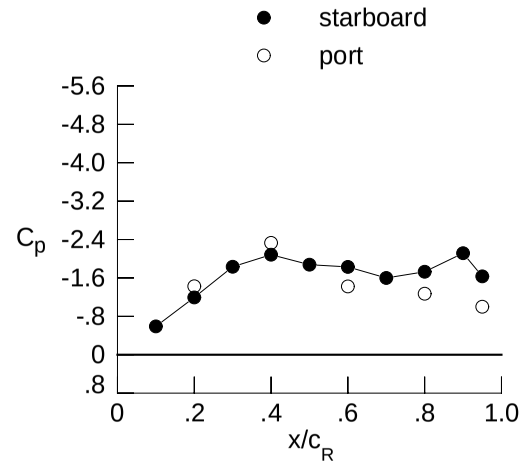
Run No. = 45 , Point No. = 958

C_N = 0.246, C_m = -0.0352

α = 7.1 °, M_∞ = 0.600

$R_{mac} = 60.0 \times 10^6$

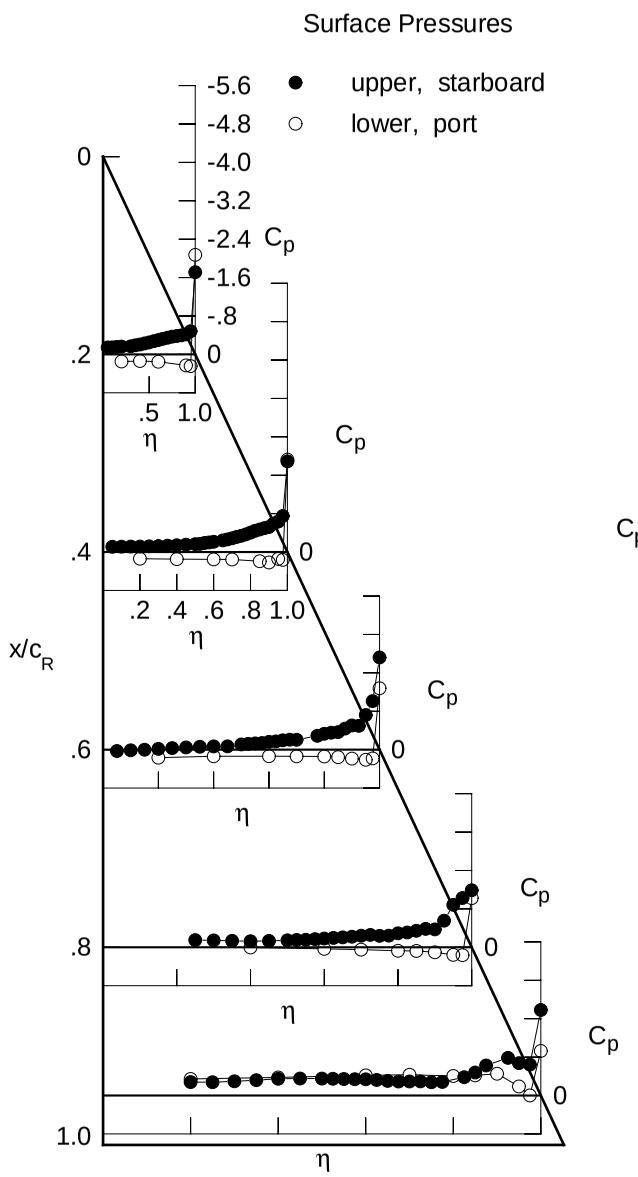
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.5903	*******
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 .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	-0.1455	-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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1482	0.1394	0.1672	*******	-0.3450
-0.400	0.1380	0.1479	0.1382	0.0040	-0.3763
-0.600	0.1525	0.1526	0.1370	0.0331	-0.4195
-0.700	*******	0.1550	0.1388	0.0488	-0.4324
-0.800	*******	*******	0.1424	0.0727	-0.4065
-0.850	*******	0.1913	0.1570	0.0758	-0.4190
-0.900	0.2299	0.2178	0.1863	0.1043	-0.4538
-0.950	0.2438	0.1428	0.2116	0.1574	-0.1891
-0.975	*******	0.1630	0.1819	0.1633	-0.0013
-1.000	-2.0735	-1.9253	-1.2788	-1.0226	-0.9284



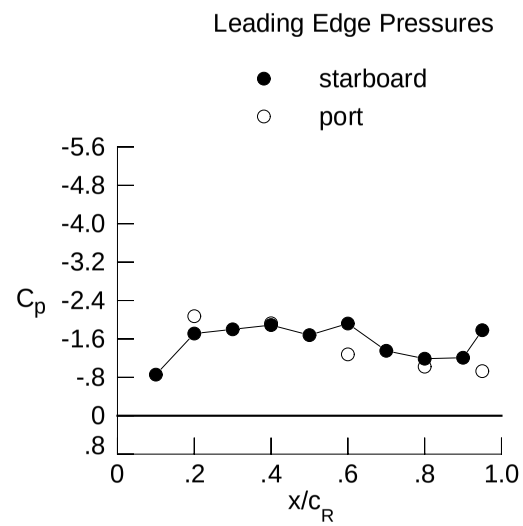
Small Radius L.E.

Run No. = 45 , Point No. = 959

C_N = 0.297, C_m = -0.0460

α = 8.1 °, M_∞ = 0.600

$R_{mac} = 60.0 \times 10^6$

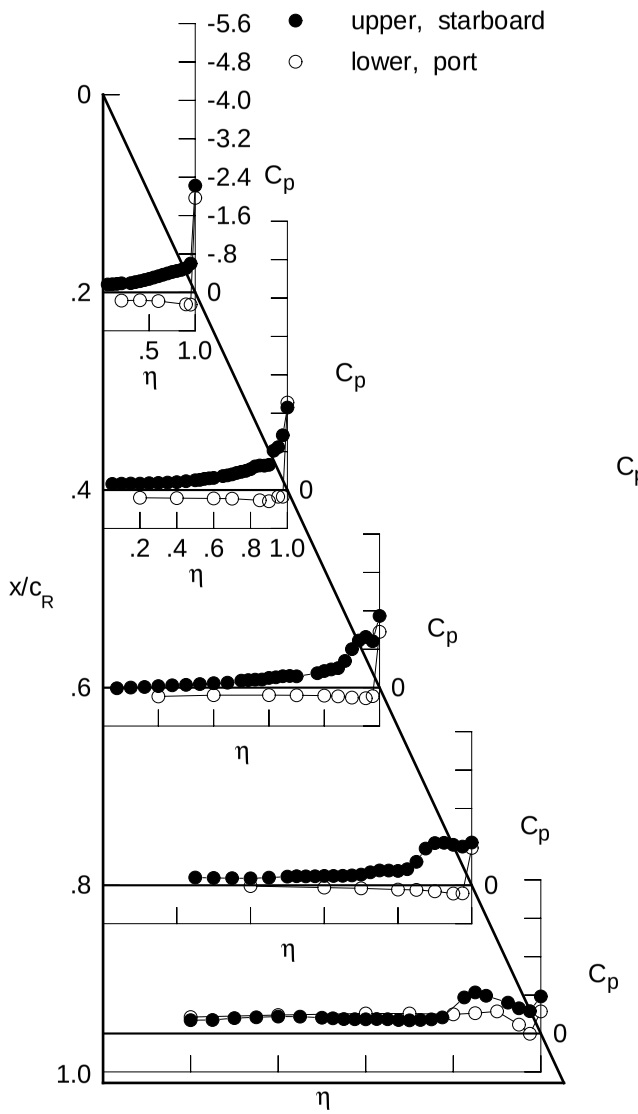


x/c_R	starb'd C_p	port C_p
0.10	-0.8557	*******
0.20	-1.7120	-2.0735
0.30	-1.7999	*******
0.40	-1.8884	-1.9253
0.50	-1.6794	*******
0.60	-1.9206	-1.2788
0.70	-1.3527	*******
0.80	-1.1880	-1.0226
0.90	-1.2084	*******
0.95	-1.7814	-0.9284

Table E2. 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	-0.1645	-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	*******	-0.2776
0.250	*******	-0.1422	-0.0491	-0.1614	-0.2815
0.300	-0.1921	-0.1480	-0.0582	-0.1525	-0.3207
0.350	-0.2140	-0.1551	-0.0746	-0.1476	-0.3380
0.400	-0.2330	-0.1644	-0.0931	-0.1445	-0.3531
0.450	-0.2569	-0.1836	-0.1031	-0.1591	-0.3511
0.500	-0.2808	-0.2033	-0.1454	-0.1805	-0.3291
0.525	*******	-0.2119	-0.1564	-0.1887	-0.3169
0.550	-0.3094	-0.2325	-0.1667	-0.1859	-0.3008
0.575	*******	-0.2442	-0.1689	-0.1878	-0.2974
0.600	-0.3368	-0.2529	-0.2024	-0.1954	-0.2960
0.625	*******	*******	-0.2151	-0.1947	-0.3018
0.650	-0.3676	-0.2906	-0.2379	-0.1973	-0.2975
0.675	*******	-0.3056	-0.2434	-0.2059	-0.2808
0.700	-0.3948	-0.3261	-0.2357	-0.2228	-0.2745
0.725	*******	-0.3559	*******	-0.2708	-0.2824
0.750	-0.4244	-0.3795	*******	-0.3087	-0.2948
0.775	*******	-0.3998	-0.3009	-0.3070	-0.3349
0.800	-0.4460	-0.4349	-0.3453	-0.2995	*******
0.825	*******	-0.4922	-0.3790	-0.3351	-0.7511
0.850	-0.4697	-0.5114	-0.4061	-0.4890	-0.8560
0.875	*******	-0.5071	-0.5558	-0.7650	-0.7863
0.900	-0.5048	-0.5244	-0.8019	-0.8791	*******
0.925	*******	-0.8183	-0.9810	-0.8845	-0.6435
0.950	-0.6001	-0.8931	-1.0561	-0.8429	-0.5260
0.975	*******	-1.1414	-0.9669	-0.8056	-0.4659
1.000	-2.2243	-1.7187	-1.4939	-0.8903	-0.7724
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1708	0.1607	0.1832	*******	-0.3427
-0.400	0.1640	0.1691	0.1570	0.0170	-0.3847
-0.600	0.1806	0.1753	0.1561	0.0480	-0.4169
-0.700	*******	0.1799	0.1592	0.0636	-0.4164
-0.800	*******	*******	0.1662	0.0893	-0.3990
-0.850	*******	0.2139	0.1816	0.0958	-0.4235
-0.900	0.2497	0.2337	0.2070	0.1253	-0.4610
-0.950	0.2547	0.1393	0.2207	0.1723	-0.1850
-0.975	*******	0.1393	0.1770	0.1682	0.0054
-1.000	-1.9691	-1.8215	-1.1627	-0.7778	-0.4602

Surface Pressures



Small Radius L.E.

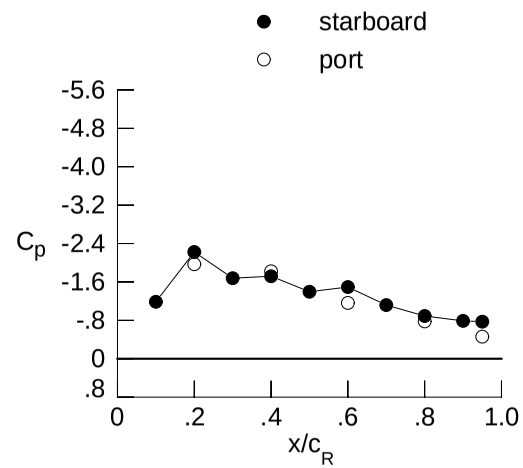
Run No. = 45 , Point No. = 960

C_N = 0.354, C_m = -0.0578

α = 9.2 °, M_∞ = 0.600

$R_{mac} = 59.8 \times 10^6$

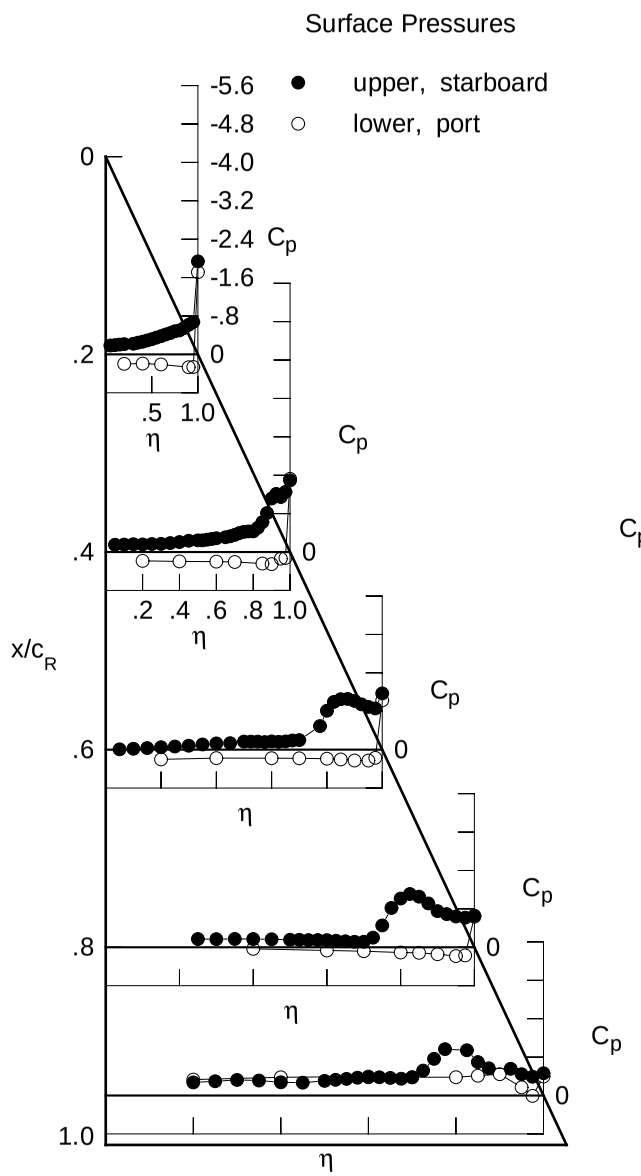
Leading Edge Pressures



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 $C_{p,u}$	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	-0.1856	-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



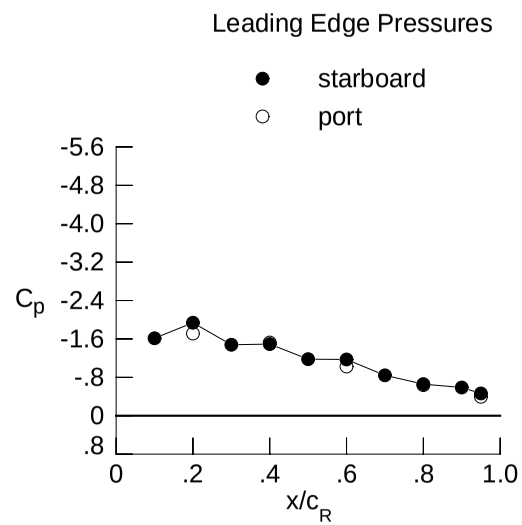
Small Radius L.E.

Run No. = 45 , Point No. = 961

C_N = 0.423, C_m = -0.0718

α = 10.2 °, M_∞ = 0.601

R_{mac} = 59.9×10^6

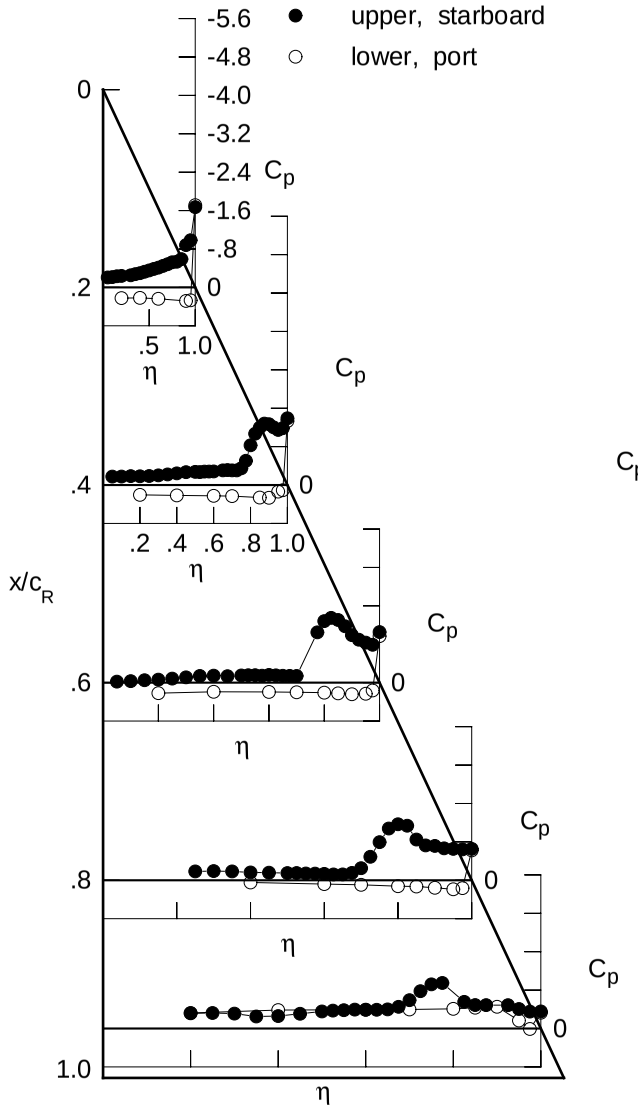


x/c_R	starb'd C_p	port C_p
0.10	-1.6138	*******
0.20	-1.9374	-1.7120
0.30	-1.4786	*******
0.40	-1.4926	-1.5245
0.50	-1.1785	*******
0.60	-1.1719	-1.0250
0.70	-0.8420	*******
0.80	-0.6585	-0.6380
0.90	-0.5879	*******
0.95	-0.4640	-0.3955

Table E2. Continued.

η	x/c_R .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	-0.2069	-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	*******	-0.3168
0.250	*******	-0.1879	-0.0842	-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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2236	0.2047	0.2191	*******	-0.3230
-0.400	0.2185	0.2160	0.1907	0.0455	-0.3844
-0.600	0.2375	0.2249	0.1938	0.0788	-0.3913
-0.700	*******	0.2306	0.2005	0.0941	-0.3967
-0.800	*******	*******	0.2084	0.1233	-0.4099
-0.850	*******	0.2607	0.2230	0.1296	-0.4336
-0.900	0.2822	0.2659	0.2418	0.1562	-0.4526
-0.950	0.2692	0.1368	0.2312	0.1873	-0.1666
-0.975	*******	0.1080	0.1627	0.1636	0.0100
-1.000	-1.7131	-1.3323	-0.9692	-0.6229	-0.3287

Surface Pressures



Small Radius L.E.

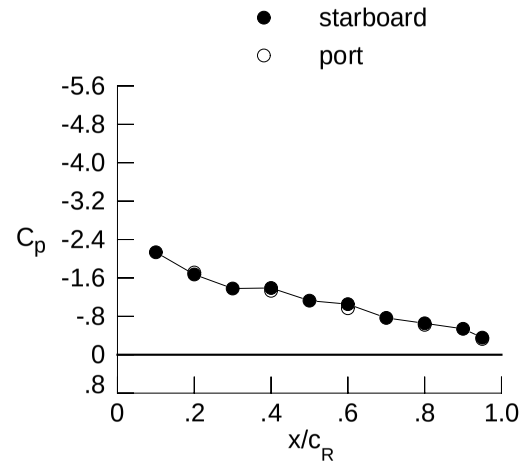
Run No. = 45 , Point No. = 962

C_N = 0.471, C_m = -0.0752

α = 11.2 °, M_∞ = 0.600

R_{mac} = 59.8×10^6

Leading Edge Pressures

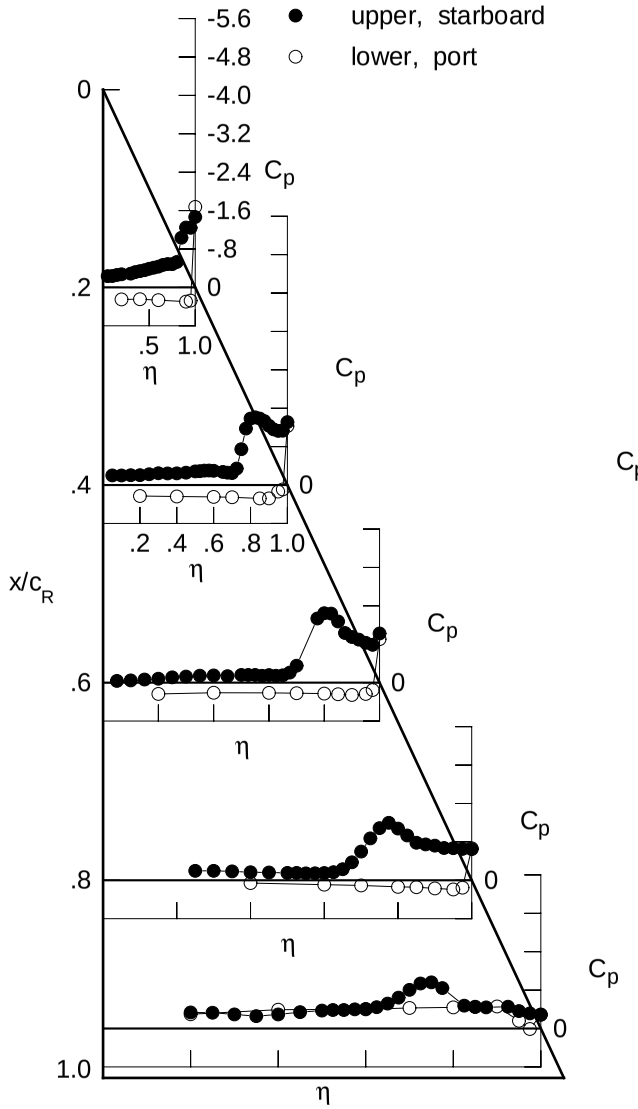


x/c_R	starb'd C_p	port C_p
0.10	-2.1346	*******
0.20	-1.6719	-1.7131
0.30	-1.3796	*******
0.40	-1.3904	-1.3323
0.50	-1.1261	*******
0.60	-1.0538	-0.9692
0.70	-0.7671	*******
0.80	-0.6546	-0.6229
0.90	-0.5400	*******
0.95	-0.3557	-0.3287

Table E2. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,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	*******	-0.3348
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	-1.1974	-0.8423
0.800	-0.5285	-1.3850	-1.4464	-1.0777	*******
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
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2502	0.2290	0.2355	*******	-0.2970
-0.400	0.2463	0.2388	0.2107	0.0579	-0.3922
-0.600	0.2654	0.2473	0.2130	0.0912	-0.3996
-0.700	*******	0.2546	0.2198	0.1075	-0.4282
-0.800	*******	*******	0.2280	0.1367	-0.4403
-0.850	*******	0.2796	0.2413	0.1438	-0.4537
-0.900	0.2969	0.2786	0.2566	0.1697	-0.4589
-0.950	0.2753	0.1360	0.2348	0.1910	-0.1609
-0.975	*******	0.0922	0.1537	0.1533	0.0105
-1.000	-1.6771	-1.2288	-0.9059	-0.6662	-0.2855

Surface Pressures



Small Radius L.E.

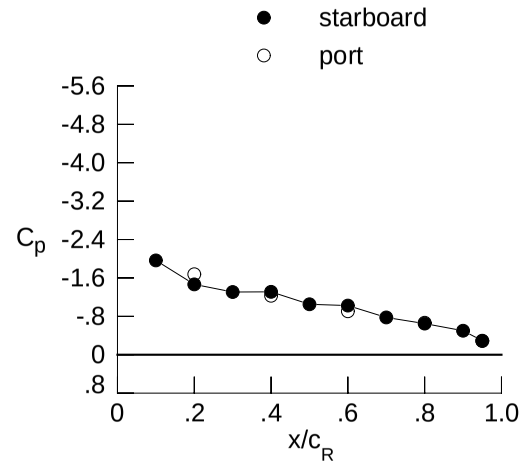
Run No. = 45 , Point No. = 963

C_N = 0.524, C_m = -0.0817

α = 12.3 °, M_∞ = 0.601

R_{mac} = 59.9×10^6

Leading Edge Pressures

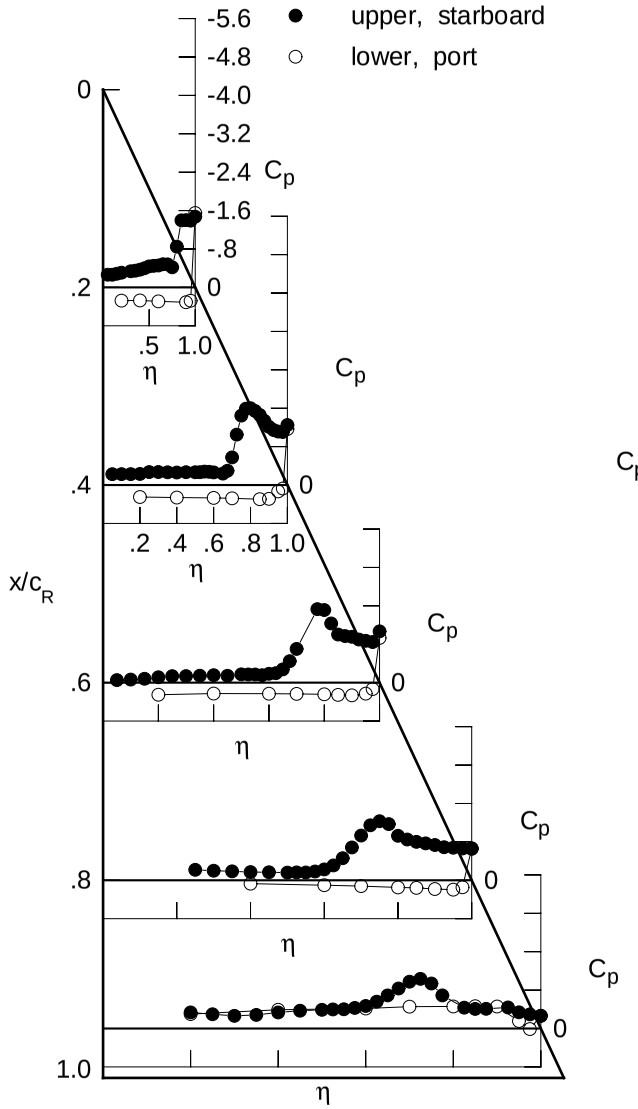


x/c_R	starb'd Cp	port Cp
0.10	-1.9648	*******
0.20	-1.4659	-1.6771
0.30	-1.3064	*******
0.40	-1.3103	-1.2288
0.50	-1.0510	*******
0.60	-1.0244	-0.9059
0.70	-0.7765	*******
0.80	-0.6489	-0.6662
0.90	-0.5001	*******
0.95	-0.2923	-0.2855

Table E2. Continued.

η	x/c_R .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	-0.2643	-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	*******	-0.3353
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2757	0.2494	0.2522	*******	-0.3004
-0.400	0.2719	0.2607	0.2273	0.0701	-0.3906
-0.600	0.2913	0.2684	0.2301	0.1026	-0.4171
-0.700	*******	0.2765	0.2342	0.1210	-0.4551
-0.800	*******	*******	0.2433	0.1492	-0.4594
-0.850	*******	0.2955	0.2552	0.1578	-0.4645
-0.900	0.3091	0.2878	0.2644	0.1823	-0.4581
-0.950	0.2779	0.1324	0.2289	0.1951	-0.1553
-0.975	*******	0.0732	0.1336	0.1456	0.0111
-1.000	-1.5495	-1.1664	-0.9312	-0.6672	-0.2637

Surface Pressures



Small Radius L.E.

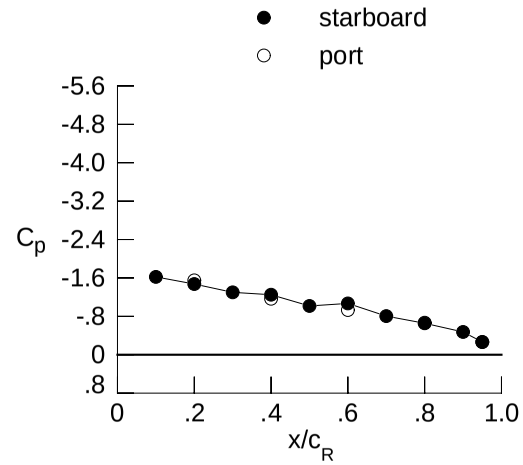
Run No. = 45 , Point No. = 964

C_N = 0.580, C_m = -0.0891

α = 13.3 °, M_∞ = 0.601

R_{mac} = 59.9×10^6

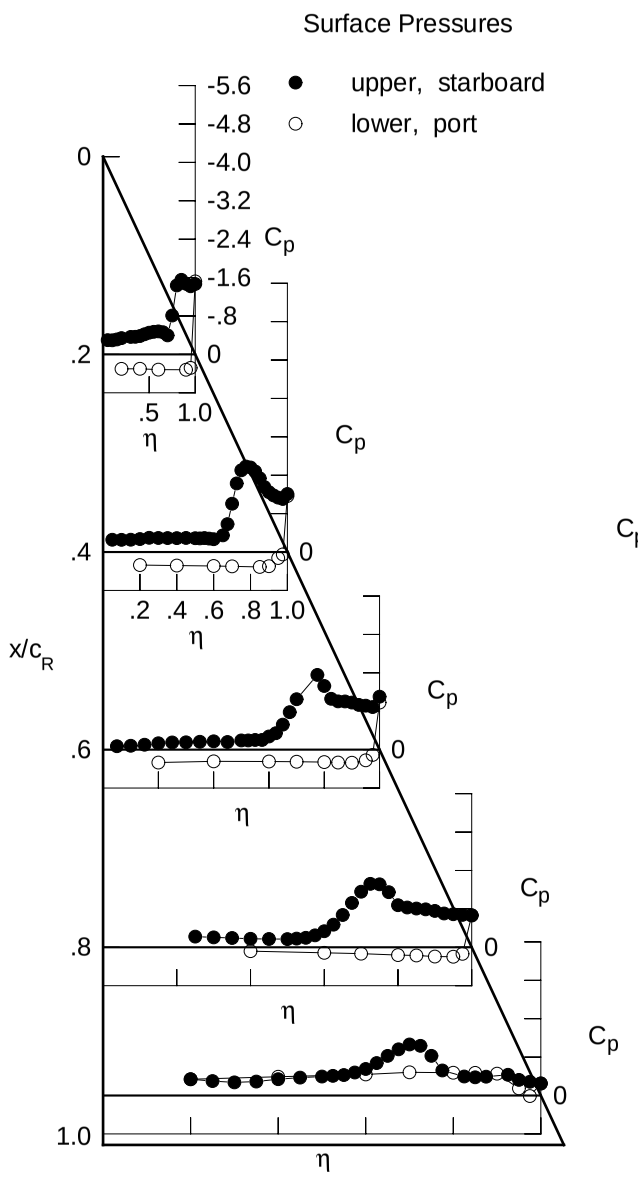
Leading Edge Pressures



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 .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	-0.2968	-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	*******	-0.3389
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	*******	-0.2800	-0.2017	-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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3017	0.2713	0.2684	*******	-0.3385
-0.400	0.2996	0.2818	0.2437	0.0808	-0.3908
-0.600	0.3178	0.2907	0.2472	0.1151	-0.4393
-0.700	*******	0.2985	0.2518	0.1325	-0.4833
-0.800	*******	*******	0.2593	0.1621	-0.4748
-0.850	*******	0.3105	0.2691	0.1706	-0.4720
-0.900	0.3200	0.2949	0.2725	0.1930	-0.4551
-0.950	0.2806	0.1247	0.2222	0.1965	-0.1482
-0.975	*******	0.0497	0.1105	0.1357	0.0115
-1.000	-1.5209	-1.1666	-0.9808	-0.6691	-0.2478



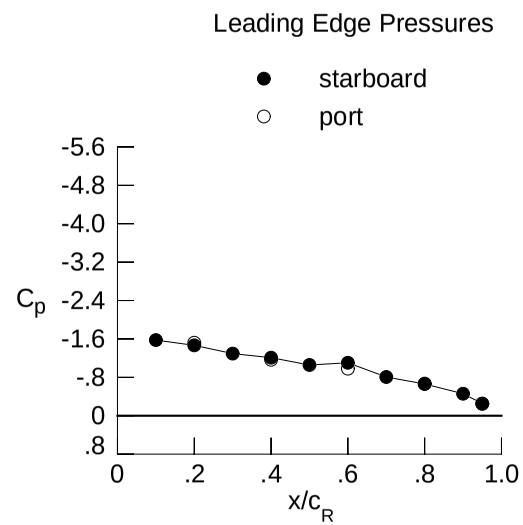
Small Radius L.E.

Run No. = 45 , Point No. = 965

C_N = 0.631, C_m = -0.0922

α = 14.3 °, M_∞ = 0.600

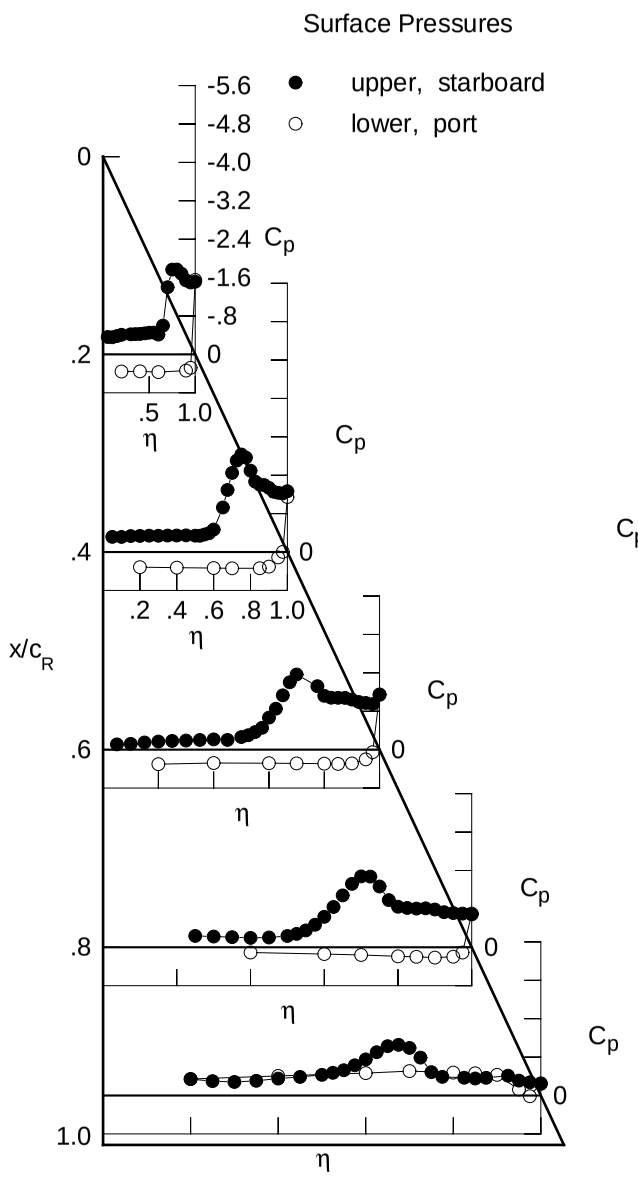
R_{mac} = 59.8×10^6



x/c_R	starb'd C_p	port C_p
0.10	-1.5759	*******
0.20	-1.4662	-1.5209
0.30	-1.2944	*******
0.40	-1.2096	-1.1666
0.50	-1.0574	*******
0.60	-1.1030	-0.9808
0.70	-0.8070	*******
0.80	-0.6614	-0.6691
0.90	-0.4586	*******
0.95	-0.2537	-0.2478

Table E2. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,u
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
0.300	-0.4183	-0.3389	-0.1895	-0.2237	-0.2827
0.350	-0.4221	-0.3430	-0.2019	-0.2114	-0.3061
0.400	-0.4256	-0.3439	-0.2134	-0.1962	-0.3530
0.450	-0.4375	-0.3475	-0.2020	-0.2037	-0.3874
0.500	-0.4516	-0.3408	-0.2627	-0.2353	-0.4302
0.525	*******	-0.3393	-0.3003	-0.2794	-0.4731
0.550	-0.4540	-0.3648	-0.3654	-0.3512	-0.5266
0.575	*******	-0.3919	-0.4554	-0.4699	-0.6299
0.600	-0.4128	-0.4686	-0.6669	-0.6344	-0.7523
0.625	*******	*******	-0.8526	-0.8402	-0.9022
0.650	-0.5997	-0.9277	-1.1313	-1.0807	-1.0274
0.675	*******	-1.2928	-1.4033	-1.3208	-1.0557
0.700	-1.3992	-1.6478	-1.5659	-1.4772	-0.9915
0.725	*******	-1.9044	*******	-1.4728	-0.7900
0.750	-1.7667	-2.0317	*******	-1.2664	-0.4870
0.775	*******	-1.9681	-1.3213	-0.9830	-0.3886
0.800	-1.7678	-1.6953	-1.1213	-0.8451	*******
0.825	*******	-1.4669	-1.0812	-0.8201	-0.3702
0.850	-1.6805	-1.4051	-1.0803	-0.8062	-0.3545
0.875	*******	-1.3935	-1.0781	-0.8116	-0.3688
0.900	-1.5415	-1.3371	-1.0422	-0.7871	*******
0.925	*******	-1.2562	-0.9928	-0.7313	-0.4129
0.950	-1.4983	-1.2344	-0.9724	-0.7130	-0.3103
0.975	*******	-1.2207	-0.9488	-0.7025	-0.2751
1.000	-1.5147	-1.2668	-1.1493	-0.6849	-0.2433
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3567	0.3154	0.3025	*******	-0.3437
-0.400	0.3535	0.3259	0.2786	0.1089	-0.4078
-0.600	0.3688	0.3339	0.2827	0.1411	-0.4664
-0.700	*******	0.3395	0.2872	0.1599	-0.5086
-0.800	*******	*******	0.2921	0.1888	-0.4767
-0.850	*******	0.3372	0.2975	0.1981	-0.4635
-0.900	0.3375	0.3037	0.2872	0.2153	-0.4304
-0.950	0.2791	0.1116	0.2022	0.1969	-0.1253
-0.975	*******	-0.0021	0.0526	0.1098	0.0154
-1.000	-1.5515	-1.1464	-1.1420	-0.7021	-0.2534



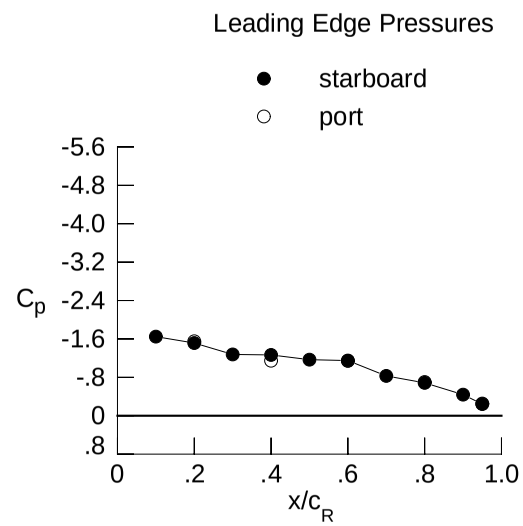
Small Radius L.E.

Run No. = 45 , Point No. = 966

C_N = 0.746, C_m = -0.1066

α = 16.5 °, M_∞ = 0.601

R_{mac} = 59.8×10^6

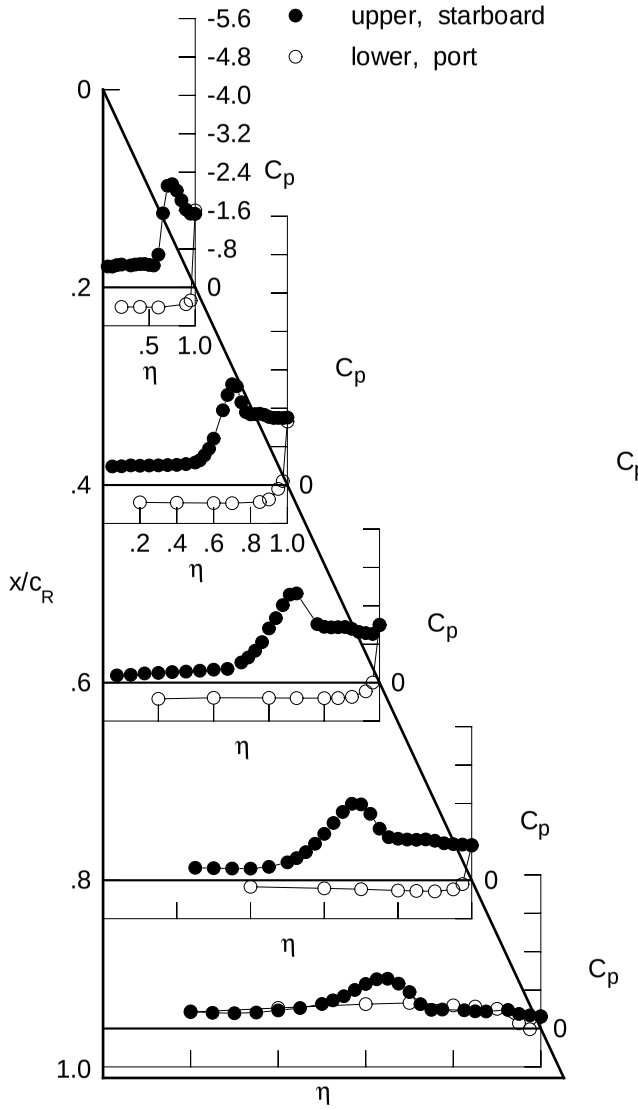


x/c_R	starb'd Cp	port Cp
0.10	-1.6477	*******
0.20	-1.5147	-1.5515
0.30	-1.2767	*******
0.40	-1.2668	-1.1464
0.50	-1.1679	*******
0.60	-1.1493	-1.1420
0.70	-0.8292	*******
0.80	-0.6849	-0.7021
0.90	-0.4393	*******
0.95	-0.2433	-0.2534

Table E2. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.4362	-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

Surface Pressures



Small Radius L.E.

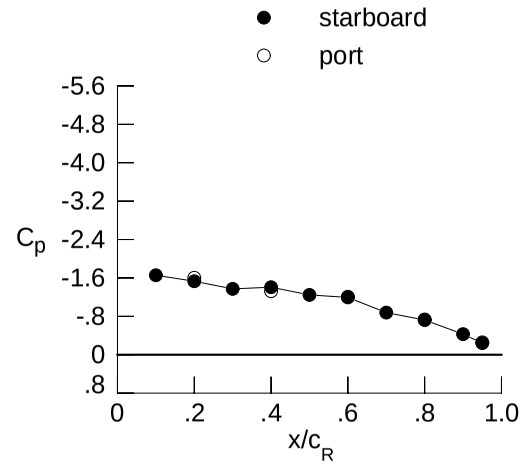
Run No. = 45 , Point No. = 967

C_N = 0.853, C_m = -0.1165

α = 18.5 °, M_∞ = 0.601

R_{mac} = 59.7×10^6

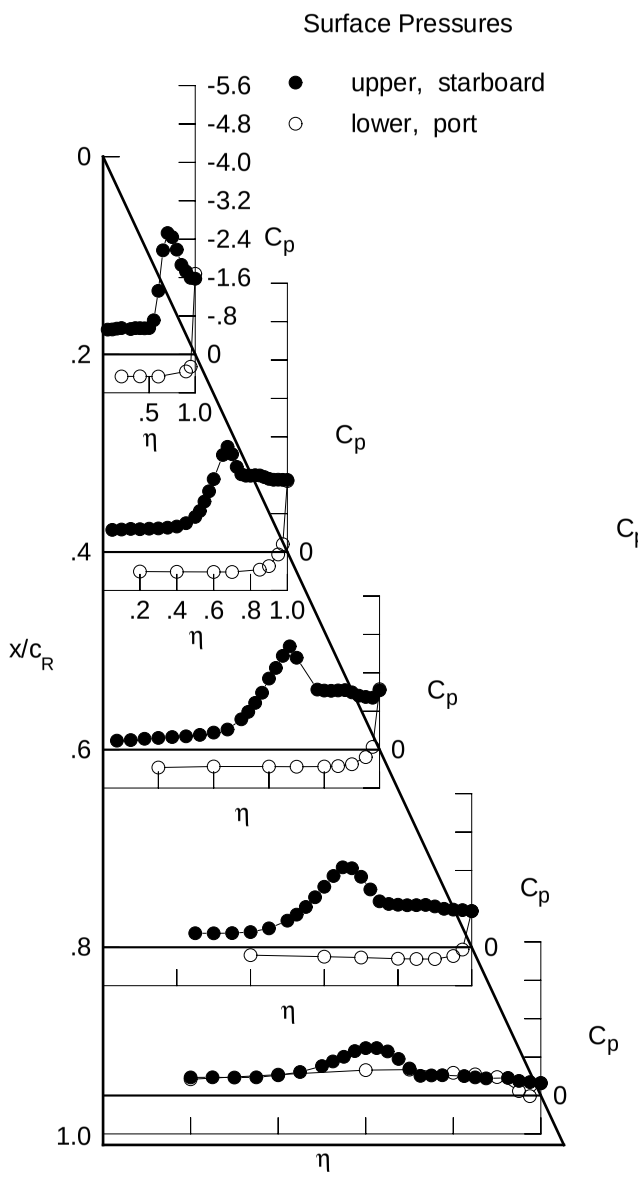
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.6560	*******
0.20	-1.5308	-1.6033
0.30	-1.3720	*******
0.40	-1.4067	-1.3234
0.50	-1.2461	*******
0.60	-1.1944	-1.2080
0.70	-0.8778	*******
0.80	-0.7231	-0.7345
0.90	-0.4288	*******
0.95	-0.2427	-0.2578

Table E2. 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	-0.5157	-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



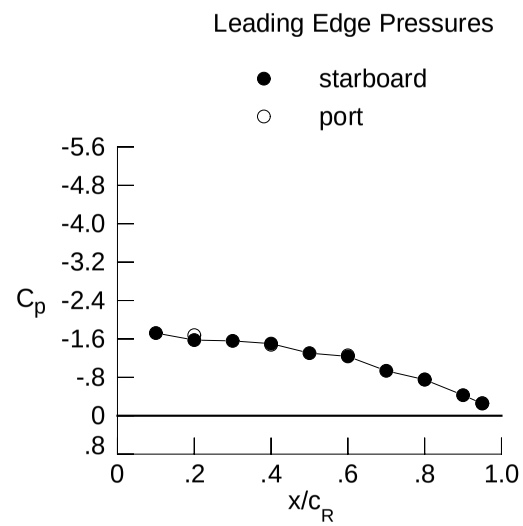
Small Radius L.E.

Run No. = 45 , Point No. = 968

C_N = 0.965, C_m = -0.1289

α = 20.5 °, M_∞ = 0.601

R_{mac} = 59.8×10^6

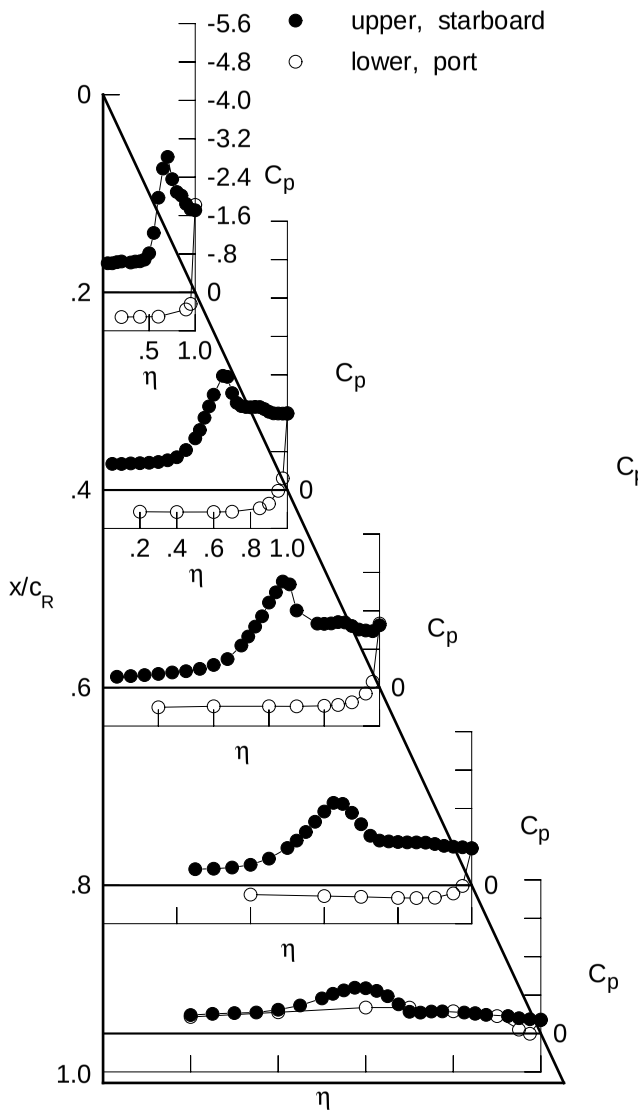


x/c_R	starb'd C_p	port C_p
0.10	-1.7227	*******
0.20	-1.5761	-1.6784
0.30	-1.5589	*******
0.40	-1.5021	-1.4781
0.50	-1.3040	*******
0.60	-1.2361	-1.2580
0.70	-0.9357	*******
0.80	-0.7509	-0.7569
0.90	-0.4283	*******
0.95	-0.2534	-0.2623

Table E2. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.6075	-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	*******	-0.3845
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5133	0.4520	0.4095	*******	-0.3448
-0.400	0.5087	0.4587	0.3886	0.1934	-0.4421
-0.600	0.5059	0.4573	0.3881	0.2249	-0.5410
-0.700	*******	0.4523	0.3899	0.2407	-0.5391
-0.800	*******	*******	0.3786	0.2628	-0.4631
-0.850	*******	0.3798	0.3608	0.2658	-0.4251
-0.900	0.3562	0.2852	0.3056	0.2580	-0.3627
-0.950	0.2399	0.0164	0.1235	0.1706	-0.0808
-0.975	*******	-0.2430	-0.1209	0.0138	0.0056
-1.000	-1.8223	-1.6030	-1.3345	-0.7733	-0.2906

Surface Pressures



Small Radius L.E.

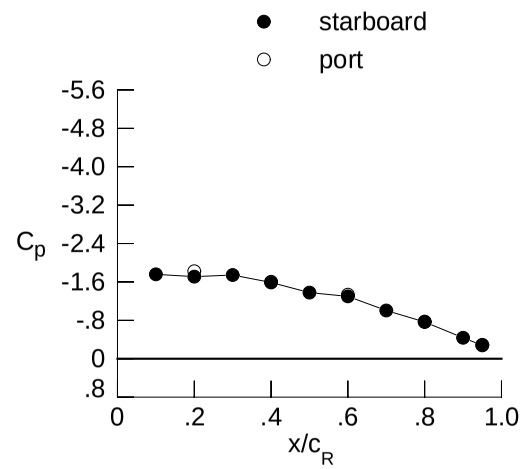
Run No. = 45 , Point No. = 969

C_N = 1.076, C_m = -0.1406

α = 22.6 °, M_∞ = 0.601

R_{mac} = 59.7×10^6

Leading Edge Pressures

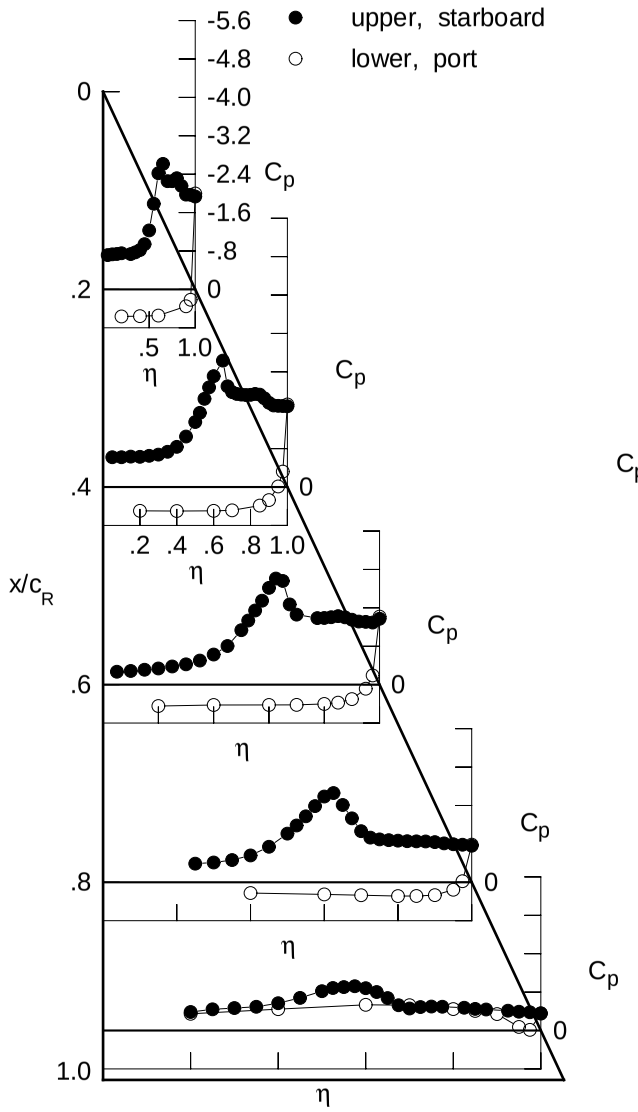


x/c_R	starb'd C_p	port C_p
0.10	-1.7583	*******
0.20	-1.7103	-1.8223
0.30	-1.7440	*******
0.40	-1.5889	-1.6030
0.50	-1.3777	*******
0.60	-1.2989	-1.3345
0.70	-1.0050	*******
0.80	-0.7654	-0.7733
0.90	-0.4366	*******
0.95	-0.2785	-0.2906

Table E2. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,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	*******	-0.3857
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
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.5636	0.4958	0.4458	*******	-0.3482
-0.400	0.5579	0.5002	0.4242	0.2243	-0.4450
-0.600	0.5456	0.4957	0.4228	0.2525	-0.5354
-0.700	*******	0.4853	0.4214	0.2693	-0.5271
-0.800	*******	*******	0.4020	0.2870	-0.4460
-0.850	*******	0.3864	0.3748	0.2857	-0.4083
-0.900	0.3516	0.2717	0.3014	0.2678	-0.3421
-0.950	0.2160	-0.0119	0.0848	0.1554	-0.0748
-0.975	*******	-0.3226	-0.1921	-0.0221	-0.0133
-1.000	-1.9972	-1.7202	-1.4172	-0.7839	-0.3521

Surface Pressures



Small Radius L.E.

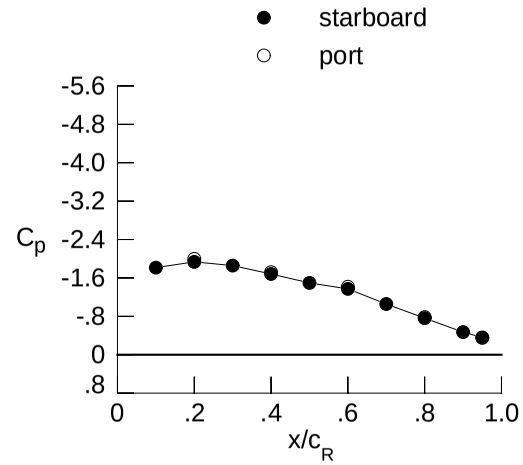
Run No. = 45 , Point No. = 970

C_N = 1.182, C_m = -0.1506

α = 24.7 °, M_∞ = 0.601

R_{mac} = 59.6×10^6

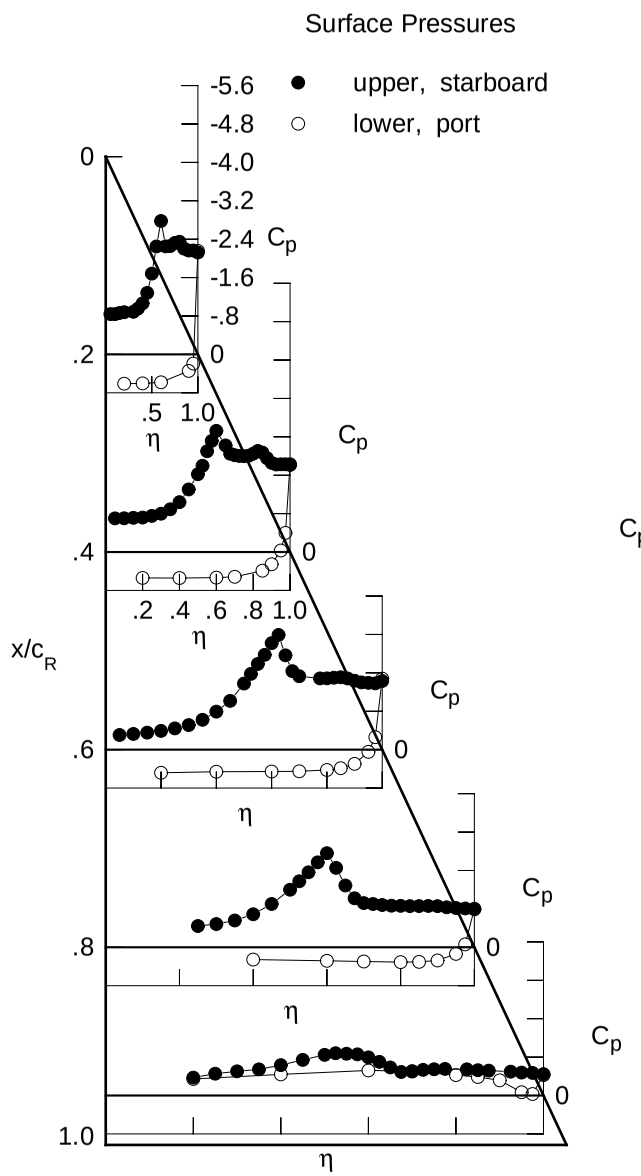
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
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 $C_{p,u}$	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	-0.8390	-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



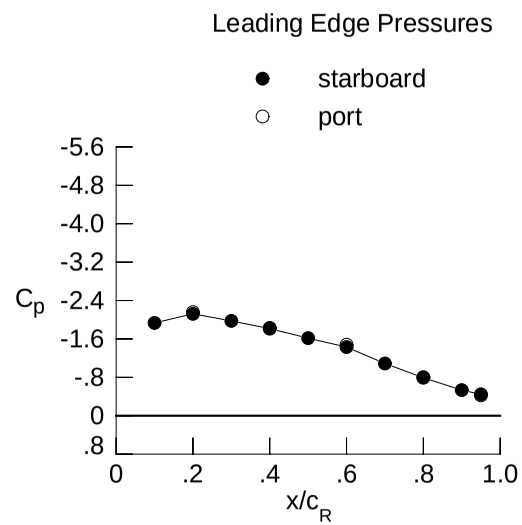
Small Radius L.E.

Run No. = 45 , Point No. = 971

C_N = 1.285, C_m = -0.1626

α = 26.7 °, M_∞ = 0.601

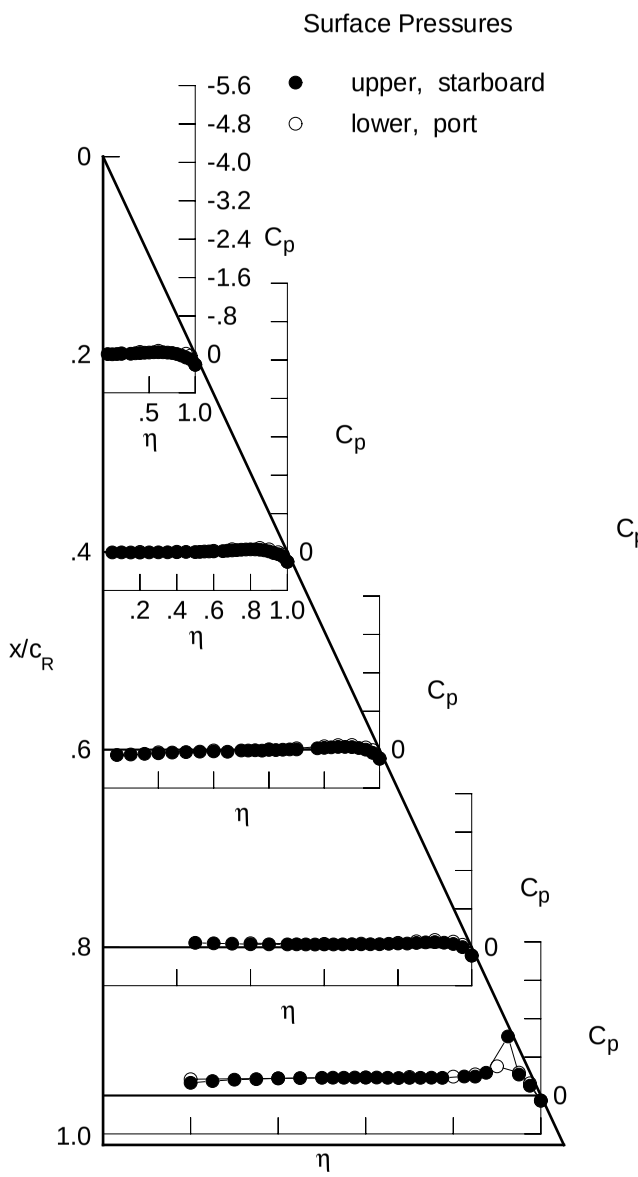
R_{mac} = 59.7×10^6



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 $C_{p,u}$	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	-0.0064	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	*******	-0.2638
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0228	-0.0022	0.0563	*******	-0.3395
-0.400	-0.0514	-0.0055	0.0169	-0.0841	-0.3574
-0.600	-0.0750	-0.0255	-0.0076	-0.0711	-0.3774
-0.700	*******	-0.0584	-0.0280	-0.0760	-0.3868
-0.800	*******	*******	-0.0707	-0.0928	-0.3936
-0.850	*******	-0.0853	-0.0947	-0.1243	-0.4405
-0.900	-0.0137	-0.0560	-0.0965	-0.1522	-0.6083
-0.950	0.0237	0.0044	-0.0452	-0.1175	-0.4765
-0.975	*******	0.0506	0.0097	-0.0520	-0.2546
-1.000	0.2126	0.2035	0.1784	0.1728	0.1102



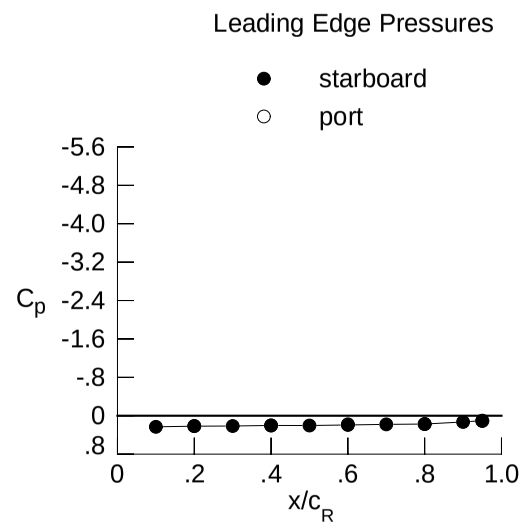
Small Radius L.E.

Run No. = 45 , Point No. = 972

C_N = -0.015, C_m = 0.0005

α = -0.3 °, M_∞ = 0.600

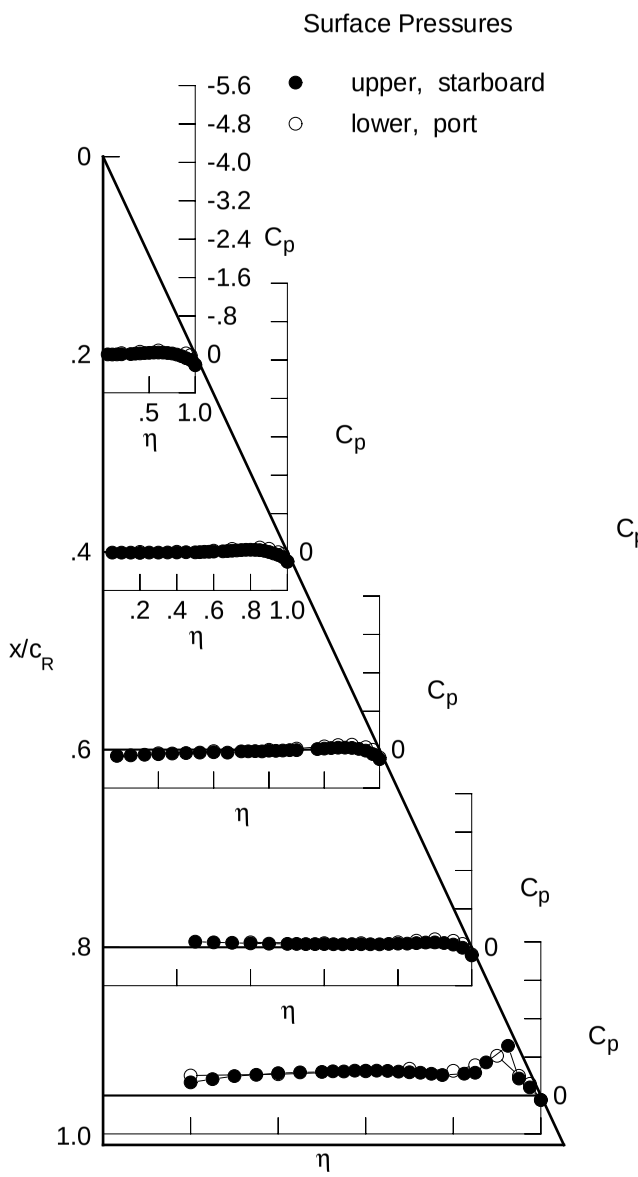
$R_{mac} = 60.0 \times 10^6$



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

Table E3. Tabulations and Plots of Surface Pressure Coefficients.

	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
η	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0001	0.0118	0.1300	*******	*******
0.100	0.0027	0.0131	0.1192	*******	*******
0.150	0.0003	0.0132	0.1064	*******	*******
0.200	-0.0027	0.0173	0.0945	*******	-0.2736
0.250	*******	0.0111	0.0806	-0.1167	-0.3409
0.300	-0.0065	0.0119	0.0715	-0.1028	-0.4046
0.350	-0.0156	0.0098	0.0615	-0.0939	-0.4313
0.400	-0.0201	0.0089	0.0533	-0.0813	-0.4657
0.450	-0.0284	0.0043	0.0623	-0.0754	-0.4820
0.500	-0.0323	0.0060	0.0362	-0.0714	-0.4912
0.525	*******	0.0025	0.0353	-0.0704	-0.5041
0.550	-0.0374	-0.0049	0.0313	-0.0667	-0.5009
0.575	*******	-0.0055	0.0370	-0.0665	-0.5180
0.600	-0.0384	-0.0096	0.0215	-0.0671	-0.5169
0.625	*******	*******	0.0246	-0.0637	-0.5175
0.650	-0.0374	-0.0143	0.0185	-0.0625	-0.5126
0.675	*******	-0.0207	0.0106	-0.0660	-0.4974
0.700	-0.0292	-0.0273	0.0104	-0.0638	-0.4840
0.725	*******	-0.0330	*******	-0.0635	-0.4747
0.750	-0.0185	-0.0409	*******	-0.0613	-0.4526
0.775	*******	-0.0462	-0.0124	-0.0708	-0.4262
0.800	0.0036	-0.0469	-0.0215	-0.0761	*******
0.825	*******	-0.0451	-0.0328	-0.0756	-0.4544
0.850	0.0364	-0.0389	-0.0404	-0.0861	-0.4748
0.875	*******	-0.0249	-0.0413	-0.0988	-0.6895
0.900	0.0787	-0.0011	-0.0357	-0.1013	*******
0.925	*******	0.0295	-0.0152	-0.0891	-1.0349
0.950	0.1173	0.0614	0.0210	-0.0564	-0.3534
0.975	*******	0.1066	0.0915	0.0099	-0.1689
1.000	0.2267	0.2036	0.1983	0.1685	0.0931
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0258	-0.0034	0.0761	*******	-0.4164
-0.400	-0.0555	-0.0058	0.0310	-0.1030	-0.4428
-0.600	-0.0813	-0.0281	0.0035	-0.0857	-0.5049
-0.700	*******	-0.0647	-0.0216	-0.0856	-0.5576
-0.800	*******	*******	-0.0674	-0.1038	-0.5147
-0.850	*******	-0.0936	-0.0952	-0.1368	-0.6303
-0.900	-0.0209	-0.0677	-0.1032	-0.1674	-0.8274
-0.950	0.0161	0.0028	-0.0513	-0.1341	-0.4103
-0.975	*******	0.0430	0.0029	-0.0695	-0.2430
-1.000	0.2116	0.1939	0.1648	0.1485	0.0922



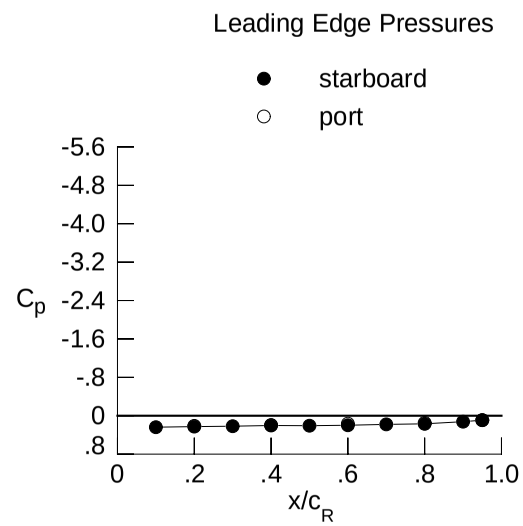
Small Radius L.E.

Run No. = 46 , Point No. = 973

C_N = -0.026, C_m = 0.0030

α = -0.6 °, M_∞ = 0.801

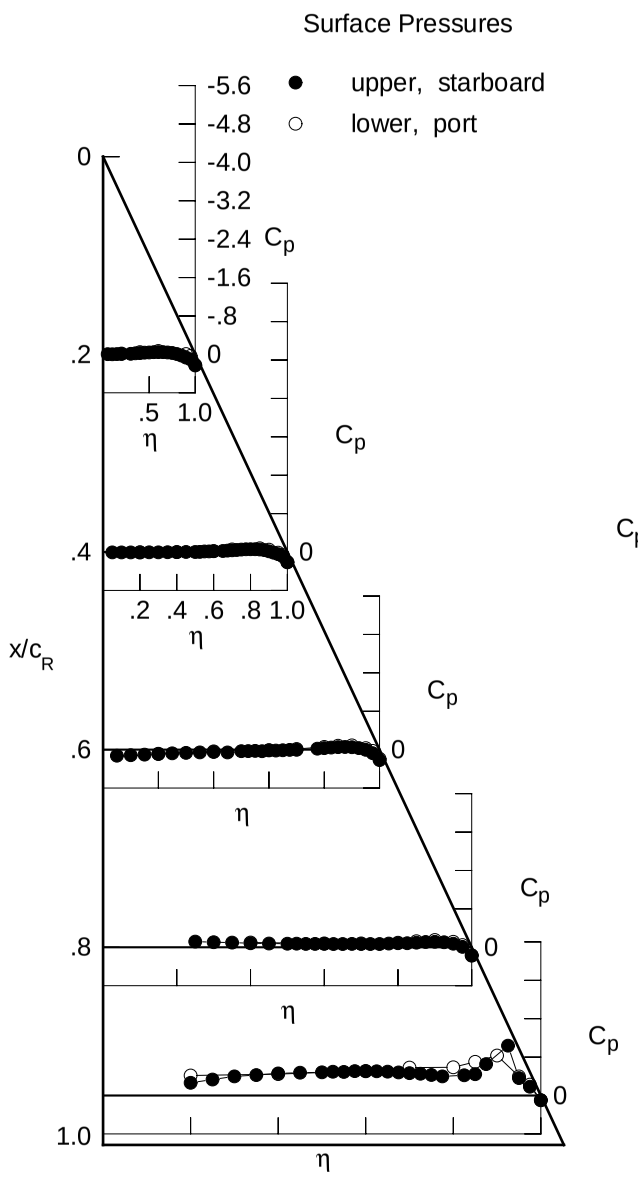
$R_{mac} = 59.7 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.2388	*******
0.20	0.2267	0.2116
0.30	0.2181	*******
0.40	0.2036	0.1939
0.50	0.2078	*******
0.60	0.1983	0.1648
0.70	0.1804	*******
0.80	0.1685	0.1485
0.90	0.1238	*******
0.95	0.0931	0.0922

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	-0.0050	0.0070	0.1263	*******	*******
0.100	-0.0021	0.0079	0.1162	*******	*******
0.150	-0.0062	0.0080	0.1036	*******	*******
0.200	-0.0089	0.0116	0.0915	*******	-0.2646
0.250	*******	0.0056	0.0768	-0.1187	-0.3330
0.300	-0.0121	0.0064	0.0673	-0.1058	-0.3982
0.350	-0.0221	0.0044	0.0577	-0.0977	-0.4259
0.400	-0.0270	0.0026	0.0490	-0.0840	-0.4602
0.450	-0.0360	-0.0018	0.0583	-0.0785	-0.4755
0.500	-0.0400	-0.0007	0.0318	-0.0743	-0.4829
0.525	*******	-0.0034	0.0303	-0.0751	-0.4950
0.550	-0.0460	-0.0122	0.0258	-0.0704	-0.4911
0.575	*******	-0.0128	0.0324	-0.0703	-0.5078
0.600	-0.0472	-0.0171	0.0163	-0.0708	-0.5051
0.625	*******	*******	0.0192	-0.0684	-0.5045
0.650	-0.0472	-0.0213	0.0127	-0.0678	-0.4970
0.675	*******	-0.0297	0.0050	-0.0704	-0.4809
0.700	-0.0399	-0.0362	0.0034	-0.0688	-0.4660
0.725	*******	-0.0425	*******	-0.0683	-0.4539
0.750	-0.0294	-0.0508	*******	-0.0679	-0.4279
0.775	*******	-0.0573	-0.0203	-0.0776	-0.3983
0.800	-0.0082	-0.0587	-0.0309	-0.0845	*******
0.825	*******	-0.0581	-0.0431	-0.0844	-0.4220
0.850	0.0239	-0.0526	-0.0524	-0.0958	-0.4438
0.875	*******	-0.0399	-0.0552	-0.1101	-0.6542
0.900	0.0663	-0.0149	-0.0504	-0.1147	*******
0.925	*******	0.0139	-0.0318	-0.1047	-1.0382
0.950	0.1045	0.0451	0.0028	-0.0741	-0.3634
0.975	*******	0.0898	0.0734	-0.0087	-0.1833
1.000	0.2307	0.2141	0.2173	0.1753	0.0966
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0179	0.0023	0.0854	*******	-0.4164
-0.400	-0.0475	0.0004	0.0358	-0.0988	-0.4464
-0.600	-0.0710	-0.0201	0.0098	-0.0810	-0.5109
-0.700	*******	-0.0546	-0.0134	-0.0805	-0.5816
-0.800	*******	*******	-0.0568	-0.0948	-0.5877
-0.850	*******	-0.0784	-0.0816	-0.1260	-0.7014
-0.900	-0.0070	-0.0499	-0.0888	-0.1520	-0.8326
-0.950	0.0303	0.0129	-0.0309	-0.1143	-0.3978
-0.975	*******	0.0639	0.0255	-0.0467	-0.2269
-1.000	0.2202	0.2080	0.1905	0.1643	0.0992



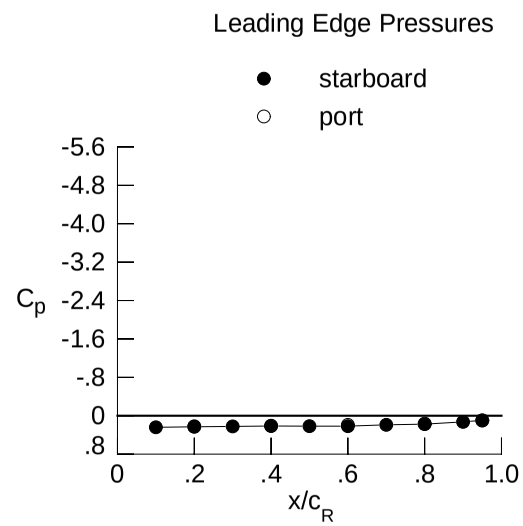
Small Radius L.E.

Run No. = 46 , Point No. = 974

C_N = -0.013, C_m = 0.0007

α = -0.3 °, M_∞ = 0.801

$R_{mac} = 59.7 \times 10^6$

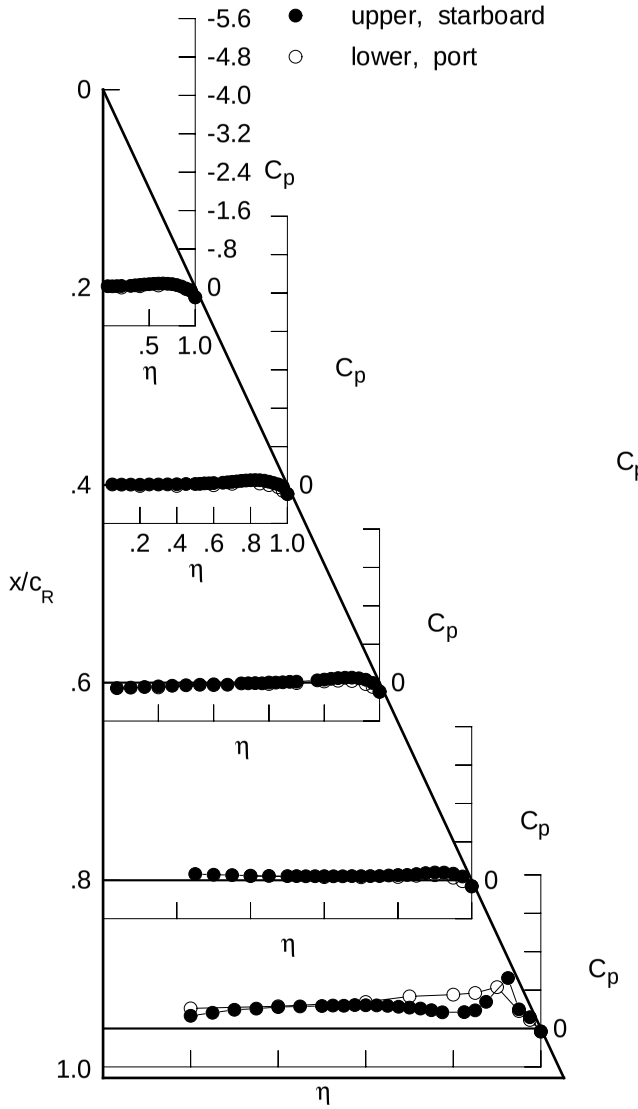


x/c_R	starb'd C_p	port C_p
0.10	0.2411	*******
0.20	0.2307	0.2202
0.30	0.2227	*******
0.40	0.2141	0.2080
0.50	0.2174	*******
0.60	0.2173	0.1905
0.70	0.1893	*******
0.80	0.1753	0.1643
0.90	0.1278	*******
0.95	0.0966	0.0992

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	-0.0244	-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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-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

Surface Pressures



Small Radius L.E.

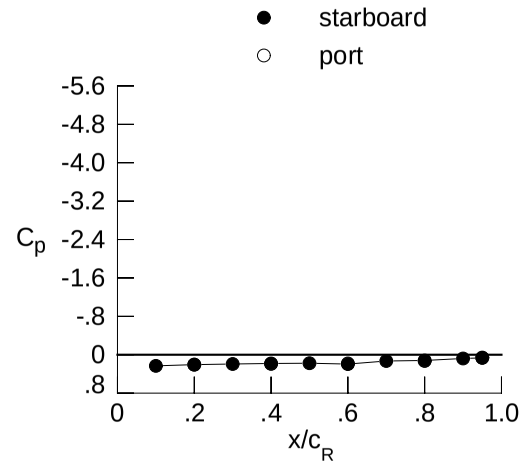
Run No. = 46 , Point No. = 975

C_N = 0.026, C_m = -0.0045

α = 0.8 °, M_∞ = 0.800

$R_{mac} = 59.7 \times 10^6$

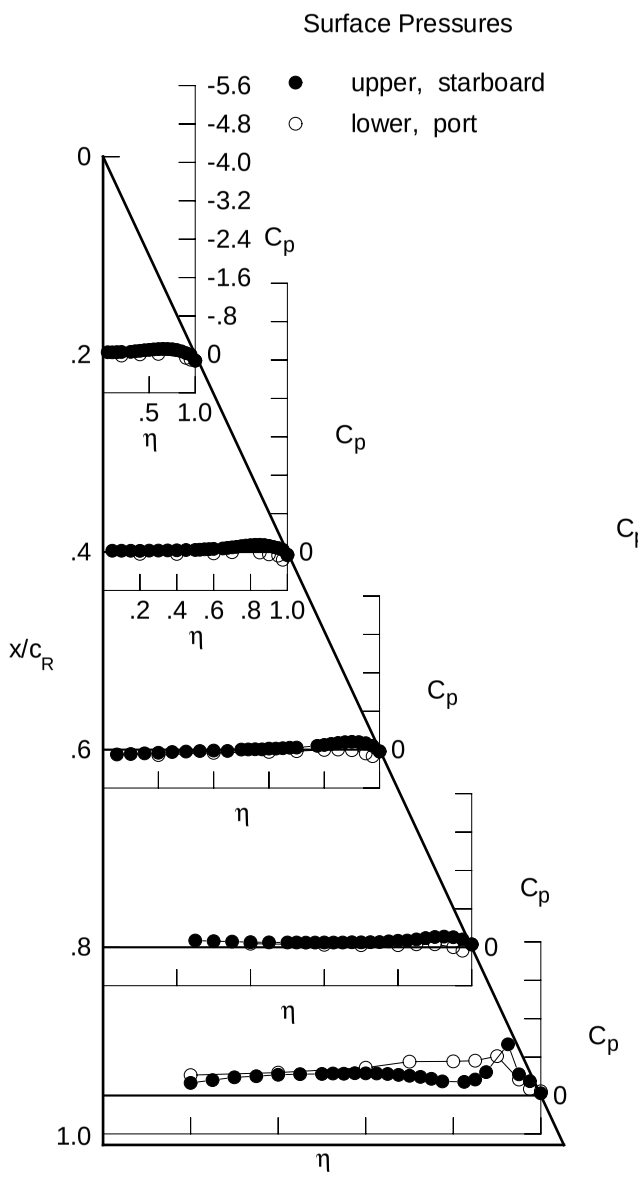
Leading Edge Pressures



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

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	*******	*******
0.100	-0.0428	-0.0270	0.0912	*******	*******
0.150	-0.0469	-0.0267	0.0776	*******	*******
0.200	-0.0500	-0.0245	0.0651	*******	-0.2626
0.250	*******	-0.0292	0.0499	-0.1405	-0.3207
0.300	-0.0526	-0.0305	0.0399	-0.1270	-0.3792
0.350	-0.0660	-0.0335	0.0285	-0.1185	-0.4018
0.400	-0.0741	-0.0360	0.0193	-0.1071	-0.4321
0.450	-0.0863	-0.0426	0.0270	-0.1026	-0.4444
0.500	-0.0939	-0.0434	-0.0019	-0.1000	-0.4497
0.525	*******	-0.0479	-0.0040	-0.0999	-0.4580
0.550	-0.1039	-0.0572	-0.0083	-0.0972	-0.4532
0.575	*******	-0.0609	-0.0053	-0.0987	-0.4651
0.600	-0.1103	-0.0658	-0.0217	-0.1003	-0.4616
0.625	*******	*******	-0.0213	-0.0980	-0.4593
0.650	-0.1154	-0.0741	-0.0293	-0.0990	-0.4485
0.675	*******	-0.0861	-0.0399	-0.1044	-0.4300
0.700	-0.1125	-0.0978	-0.0433	-0.1034	-0.4111
0.725	*******	-0.1080	*******	-0.1065	-0.3884
0.750	-0.1073	-0.1228	*******	-0.1090	-0.3477
0.775	*******	-0.1346	-0.0792	-0.1240	-0.2936
0.800	-0.0909	-0.1430	-0.0979	-0.1358	*******
0.825	*******	-0.1501	-0.1196	-0.1405	-0.2842
0.850	-0.0643	-0.1514	-0.1394	-0.1640	-0.3328
0.875	*******	-0.1457	-0.1549	-0.1922	-0.4870
0.900	-0.0265	-0.1287	-0.1625	-0.2140	*******
0.925	*******	-0.1049	-0.1567	-0.2226	-1.0664
0.950	0.0045	-0.0829	-0.1347	-0.2099	-0.4417
0.975	*******	-0.0480	-0.0781	-0.1638	-0.2982
1.000	0.1294	0.0539	0.0419	-0.0618	-0.0460
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0238	0.0373	0.1124	*******	-0.4250
-0.400	-0.0006	0.0390	0.0661	-0.0747	-0.4772
-0.600	-0.0106	0.0274	0.0470	-0.0520	-0.5794
-0.700	*******	0.0030	0.0312	-0.0443	-0.7055
-0.800	*******	*******	0.0054	-0.0442	-0.7113
-0.850	*******	0.0100	-0.0026	-0.0627	-0.7252
-0.900	0.0713	0.0480	0.0112	-0.0630	-0.8202
-0.950	0.1093	0.0739	0.0786	-0.0021	-0.3326
-0.975	*******	0.1609	0.1364	0.0701	-0.1368
-1.000	0.1305	0.0665	0.0317	-0.0588	-0.0878



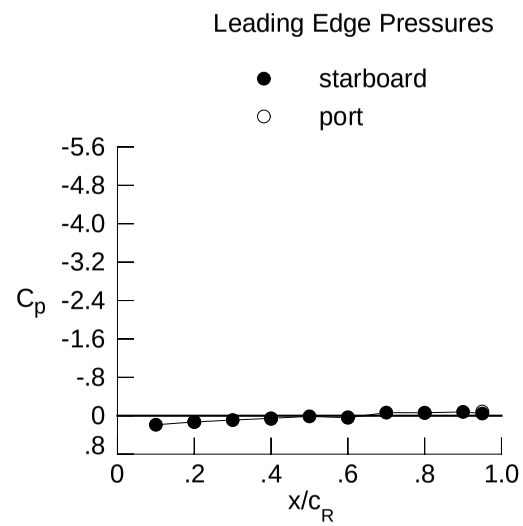
Small Radius L.E.

Run No. = 46 , Point No. = 976

C_N = 0.066, C_m = -0.0104

α = 1.8 °, M_∞ = 0.800

$R_{mac} = 59.7 \times 10^6$

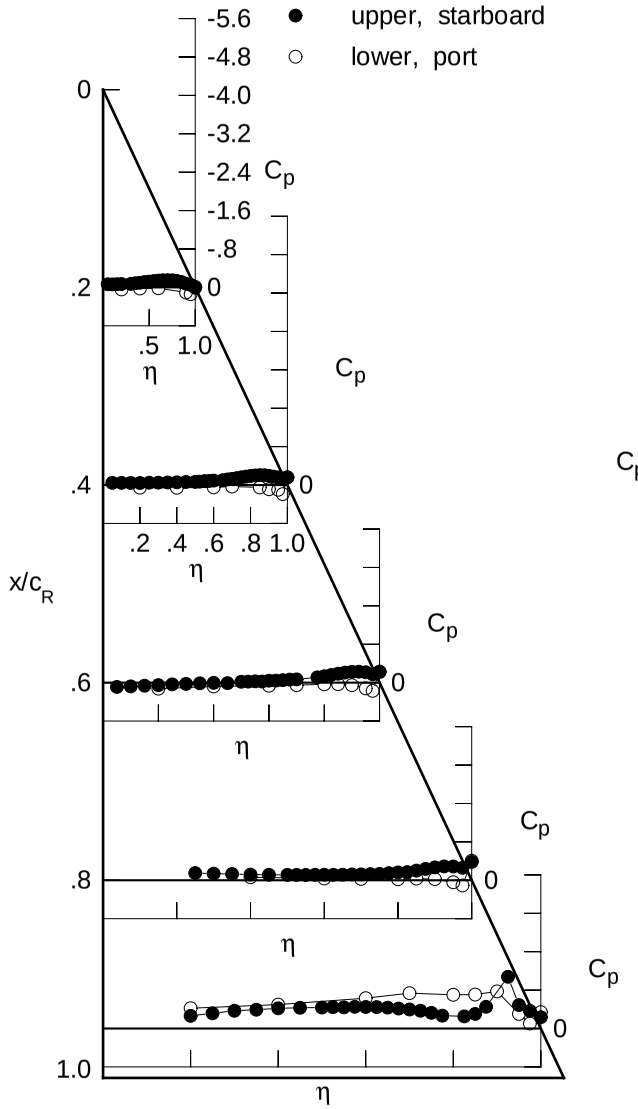


x/c_R	starb'd C_p	port C_p
0.10	0.1884	*******
0.20	0.1294	0.1305
0.30	0.0904	*******
0.40	0.0539	0.0665
0.50	0.0138	*******
0.60	0.0419	0.0317
0.70	-0.0648	*******
0.80	-0.0618	-0.0588
0.90	-0.0797	*******
0.95	-0.0460	-0.0878

Table E3. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,u
0.050	-0.0644	-0.0457	0.0887	*******	*******
0.100	-0.0629	-0.0458	0.0774	*******	*******
0.150	-0.0668	-0.0444	0.0642	*******	*******
0.200	-0.0706	-0.0421	0.0521	*******	-0.2636
0.250	*******	-0.0492	0.0363	-0.1515	-0.3167
0.300	-0.0724	-0.0494	0.0256	-0.1385	-0.3704
0.350	-0.0868	-0.0537	0.0140	-0.1300	-0.3915
0.400	-0.0965	-0.0564	0.0039	-0.1195	-0.4206
0.450	-0.1103	-0.0640	0.0107	-0.1141	-0.4319
0.500	-0.1199	-0.0655	-0.0186	-0.1126	-0.4371
0.525	*******	-0.0701	-0.0217	-0.1137	-0.4450
0.550	-0.1319	-0.0815	-0.0270	-0.1118	-0.4411
0.575	*******	-0.0848	-0.0235	-0.1135	-0.4530
0.600	-0.1415	-0.0917	-0.0410	-0.1153	-0.4486
0.625	*******	*******	-0.0420	-0.1143	-0.4461
0.650	-0.1488	-0.1019	-0.0513	-0.1163	-0.4350
0.675	*******	-0.1166	-0.0630	-0.1223	-0.4162
0.700	-0.1494	-0.1299	-0.0681	-0.1230	-0.3961
0.725	*******	-0.1431	*******	-0.1280	-0.3705
0.750	-0.1483	-0.1610	*******	-0.1327	-0.3262
0.775	*******	-0.1758	-0.1103	-0.1488	-0.2683
0.800	-0.1349	-0.1887	-0.1335	-0.1643	*******
0.825	*******	-0.1999	-0.1598	-0.1711	-0.2531
0.850	-0.1118	-0.2054	-0.1867	-0.2014	-0.3037
0.875	*******	-0.2039	-0.2093	-0.2367	-0.4531
0.900	-0.0780	-0.1921	-0.2260	-0.2685	*******
0.925	*******	-0.1746	-0.2281	-0.2887	-1.0780
0.950	-0.0538	-0.1593	-0.2163	-0.2882	-0.4886
0.975	*******	-0.1377	-0.1742	-0.2603	-0.3689
1.000	0.0062	-0.1634	-0.2211	-0.3824	-0.2361
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.0426	0.0541	0.1255	*******	-0.4224
-0.400	0.0229	0.0569	0.0790	-0.0636	-0.4983
-0.600	0.0178	0.0487	0.0637	-0.0376	-0.6319
-0.700	*******	0.0312	0.0517	-0.0285	-0.7364
-0.800	*******	*******	0.0342	-0.0218	-0.7022
-0.850	*******	0.0494	0.0325	-0.0342	-0.7072
-0.900	0.1053	0.0883	0.0525	-0.0245	-0.7739
-0.950	0.1418	0.0983	0.1197	0.0416	-0.3044
-0.975	*******	0.1891	0.1707	0.1082	-0.1047
-1.000	-0.0114	-0.1555	-0.2313	-0.4078	-0.3411

Surface Pressures



Small Radius L.E.

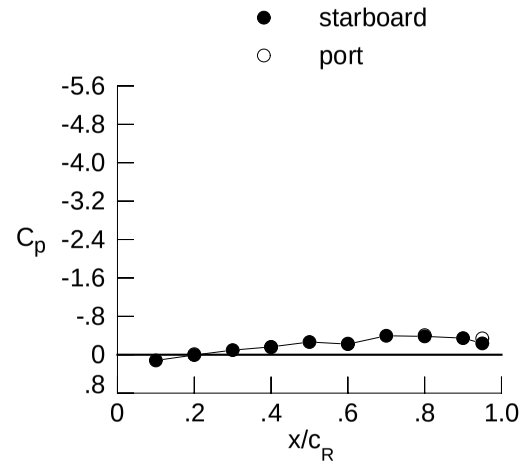
Run No. = 46 , Point No. = 977

C_N = 0.103, C_m = -0.0144

α = 2.9 °, M_∞ = 0.801

R_{mac} = 59.6×10^6

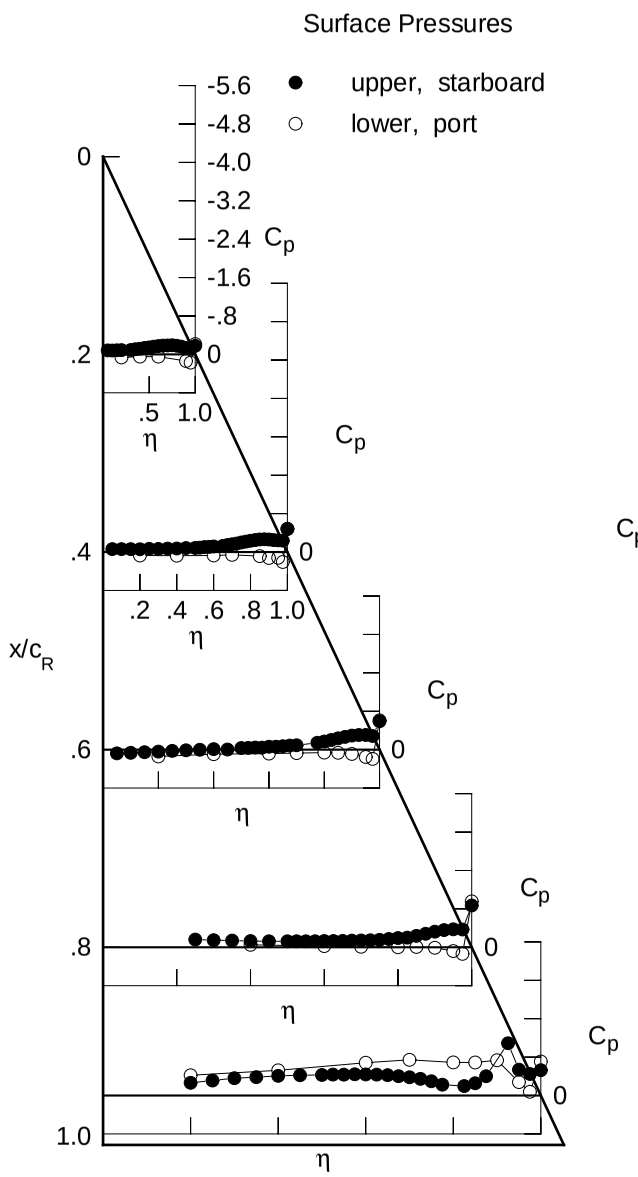
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
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

Table E3. Continued.

	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
η	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
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	*******	-0.2648
0.250	*******	-0.0668	0.0258	-0.1607	-0.3124
0.300	-0.0912	-0.0649	0.0138	-0.1482	-0.3605
0.350	-0.1071	-0.0717	0.0021	-0.1397	-0.3820
0.400	-0.1187	-0.0740	-0.0101	-0.1296	-0.4094
0.450	-0.1339	-0.0830	-0.0024	-0.1250	-0.4222
0.500	-0.1460	-0.0846	-0.0337	-0.1251	-0.4283
0.525	*******	-0.0912	-0.0372	-0.1253	-0.4362
0.550	-0.1607	-0.1033	-0.0436	-0.1250	-0.4343
0.575	*******	-0.1083	-0.0413	-0.1258	-0.4423
0.600	-0.1724	-0.1160	-0.0606	-0.1304	-0.4396
0.625	*******	*******	-0.0606	-0.1305	-0.4352
0.650	-0.1830	-0.1284	-0.0710	-0.1327	-0.4243
0.675	*******	-0.1454	-0.0851	-0.1392	-0.4025
0.700	-0.1867	-0.1613	-0.0911	-0.1421	-0.3800
0.725	*******	-0.1771	*******	-0.1466	-0.3469
0.750	-0.1907	-0.1993	*******	-0.1554	-0.2966
0.775	*******	-0.2179	-0.1430	-0.1724	-0.2253
0.800	-0.1801	-0.2351	-0.1696	-0.1925	*******
0.825	*******	-0.2497	-0.2009	-0.2012	-0.1968
0.850	-0.1617	-0.2616	-0.2354	-0.2379	-0.2555
0.875	*******	-0.2658	-0.2654	-0.2819	-0.4014
0.900	-0.1341	-0.2610	-0.2926	-0.3253	*******
0.925	*******	-0.2488	-0.3045	-0.3584	-1.0889
0.950	-0.1198	-0.2431	-0.3060	-0.3742	-0.5383
0.975	*******	-0.2371	-0.2842	-0.3701	-0.4485
1.000	-0.1777	-0.4778	-0.5919	-0.8715	-0.5273
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0634	0.0722	0.1414	*******	-0.4216
-0.400	0.0466	0.0764	0.0946	-0.0511	-0.5247
-0.600	0.0468	0.0713	0.0823	-0.0247	-0.6832
-0.700	*******	0.0585	0.0720	-0.0113	-0.7434
-0.800	*******	*******	0.0617	-0.0006	-0.6897
-0.850	*******	0.0852	0.0656	-0.0070	-0.6880
-0.900	0.1373	0.1243	0.0893	0.0106	-0.7343
-0.950	0.1710	0.1199	0.1529	0.0784	-0.2788
-0.975	*******	0.2072	0.1930	0.1367	-0.0780
-1.000	-0.2145	-0.4855	-0.6106	-0.9571	-0.7080



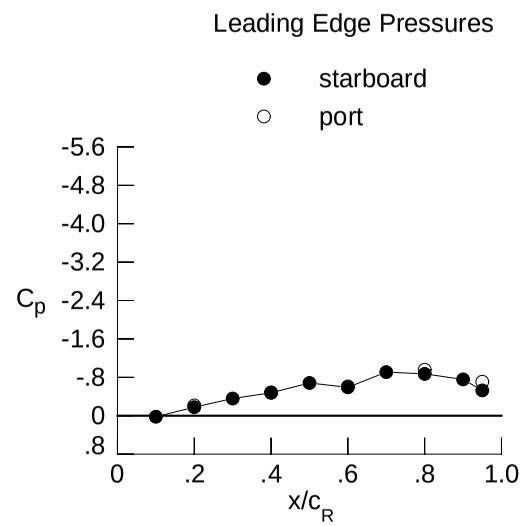
Small Radius L.E.

Run No. = 46 , Point No. = 978

C_N = 0.142, C_m = -0.0200

α = 3.9 °, M_∞ = 0.801

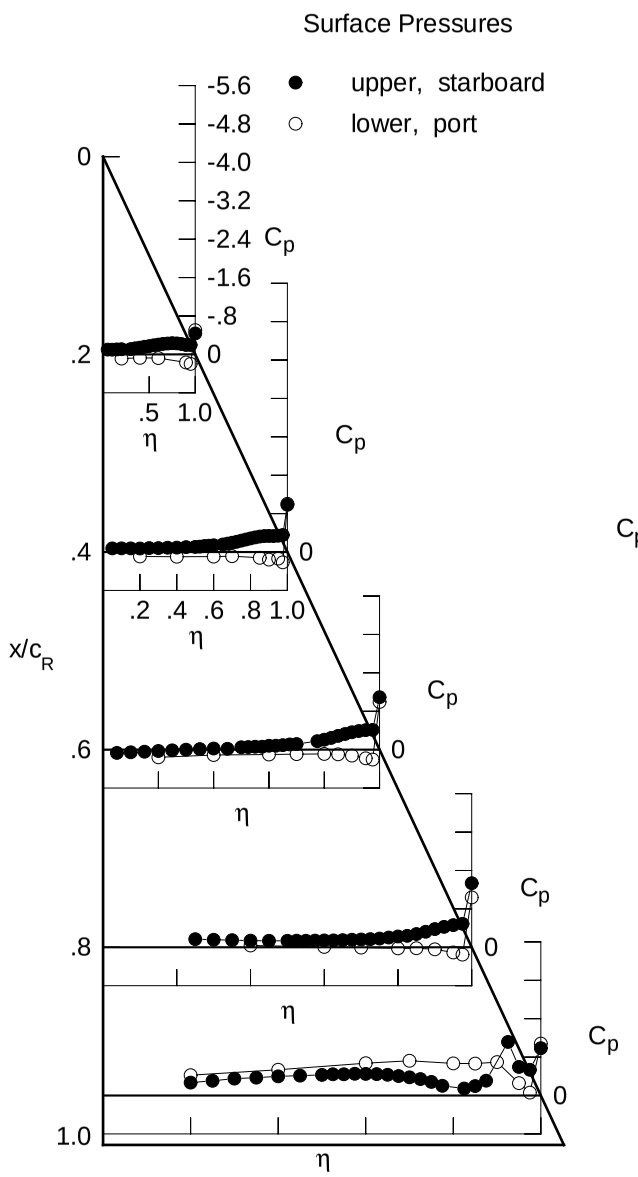
R_{mac} = 59.7×10^6



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 $C_{p,u}$	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	-0.0997	-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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-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



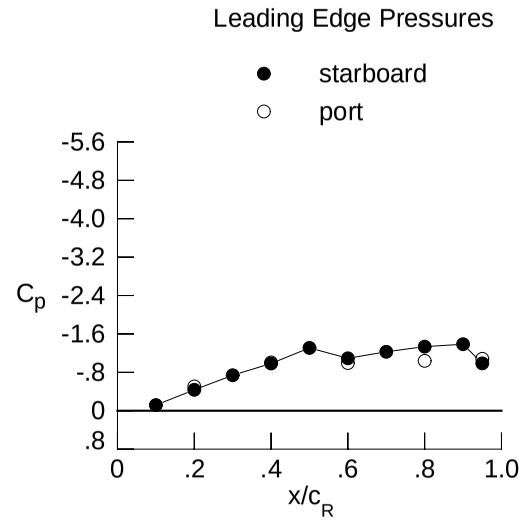
Small Radius L.E.

Run No. = 46 , Point No. = 979

C_N = 0.185, C_m = -0.0282

α = 5.0 °, M_∞ = 0.799

$R_{mac} = 59.7 \times 10^6$

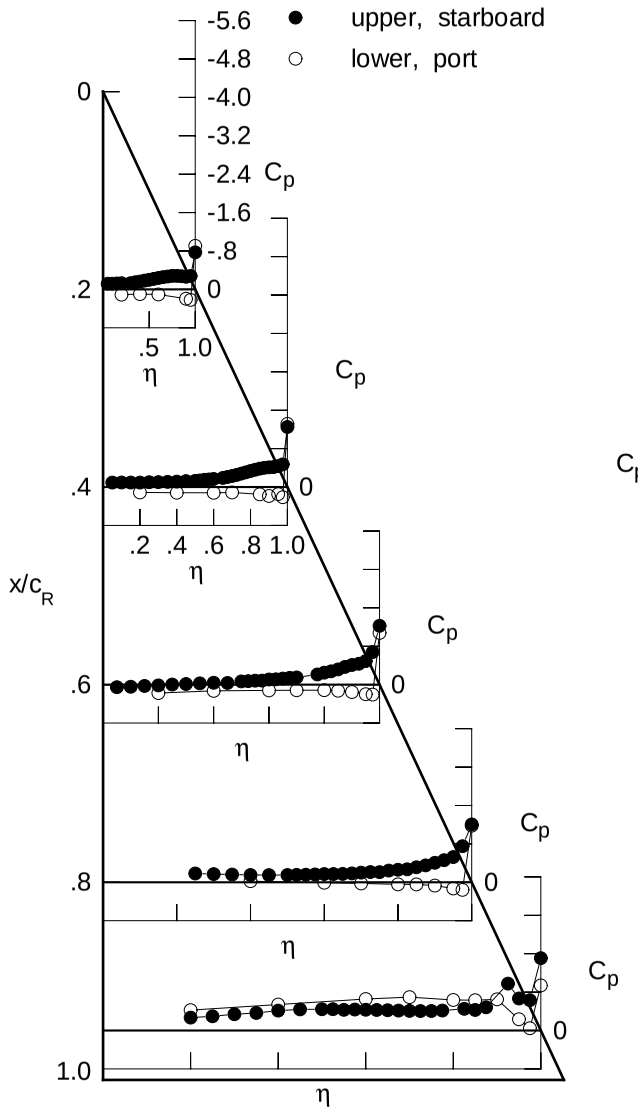


x/c_R	starb'd C_p	port C_p
0.10	-0.1177	*******
0.20	-0.4358	-0.5053
0.30	-0.7388	*******
0.40	-0.9842	-1.0046
0.50	-1.3088	*******
0.60	-1.0920	-0.9934
0.70	-1.2283	*******
0.80	-1.3352	-1.0396
0.90	-1.3853	*******
0.95	-0.9861	-1.0816

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	-0.1185	-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	-0.2964
0.300	-0.1294	-0.1021	-0.0125	-0.1706	-0.3388
0.350	-0.1486	-0.1083	-0.0274	-0.1619	-0.3657
0.400	-0.1635	-0.1132	-0.0388	-0.1520	-0.4141
0.450	-0.1828	-0.1241	-0.0351	-0.1496	-0.4397
0.500	-0.1988	-0.1291	-0.0669	-0.1514	-0.4436
0.525	*******	-0.1368	-0.0729	-0.1552	-0.4441
0.550	-0.2191	-0.1509	-0.0823	-0.1579	-0.4316
0.575	*******	-0.1583	-0.0840	-0.1633	-0.4366
0.600	-0.2379	-0.1682	-0.1073	-0.1716	-0.4327
0.625	*******	*******	-0.1108	-0.1717	-0.4284
0.650	-0.2556	-0.1892	-0.1261	-0.1740	-0.4220
0.675	*******	-0.2095	-0.1418	-0.1848	-0.4153
0.700	-0.2680	-0.2296	-0.1508	-0.2009	-0.4089
0.725	*******	-0.2531	*******	-0.2128	-0.4058
0.750	-0.2813	-0.2798	*******	-0.2115	-0.4061
0.775	*******	-0.3066	-0.2118	-0.2444	-0.4162
0.800	-0.2814	-0.3348	-0.2500	-0.2618	*******
0.825	*******	-0.3596	-0.2778	-0.2708	-0.4518
0.850	-0.2741	-0.3832	-0.3166	-0.3130	-0.4282
0.875	*******	-0.4010	-0.3693	-0.3516	-0.4836
0.900	-0.2634	-0.4103	-0.4096	-0.4065	*******
0.925	*******	-0.4158	-0.4349	-0.4598	-0.9766
0.950	-0.2801	-0.4363	-0.4911	-0.5255	-0.6669
0.975	*******	-0.4727	-0.6790	-0.7519	-0.6316
1.000	-0.7724	-1.2511	-1.2252	-1.2056	-1.5075
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1097	0.1129	0.1754	*******	-0.4247
-0.400	0.0975	0.1180	0.1293	-0.0231	-0.5411
-0.600	0.1056	0.1200	0.1198	0.0092	-0.6559
-0.700	*******	0.1127	0.1167	0.0238	-0.6955
-0.800	*******	*******	0.1154	0.0433	-0.6361
-0.850	*******	0.1517	0.1262	0.0445	-0.6314
-0.900	0.1942	0.1860	0.1533	0.0690	-0.6496
-0.950	0.2195	0.1472	0.1988	0.1289	-0.2341
-0.975	*******	0.2117	0.2073	0.1574	-0.0469
-1.000	-0.9071	-1.3140	-1.0773	-1.1793	-0.9396

Surface Pressures



Small Radius L.E.

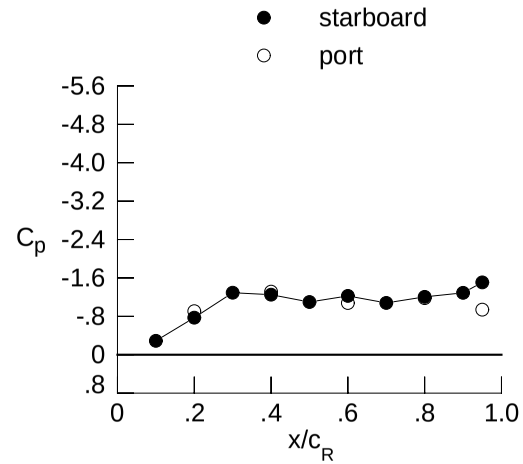
Run No. = 46 , Point No. = 980

C_N = 0.237, C_m = -0.0391

α = 6.0 °, M_∞ = 0.801

$R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

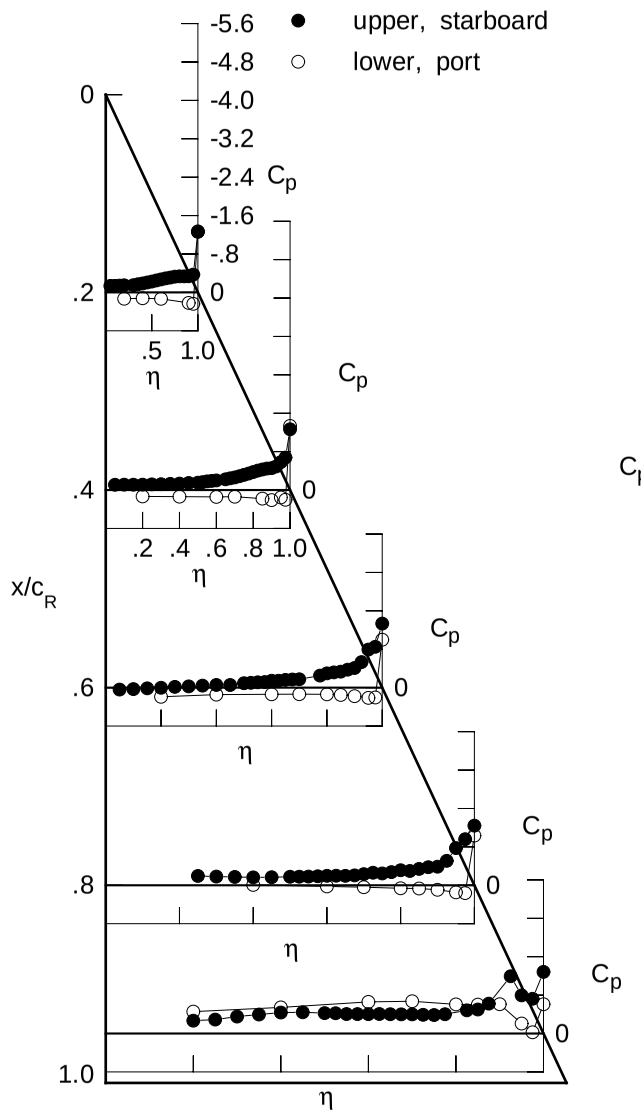


x/c_R	starb'd C_p	port C_p
0.10	-0.2898	*******
0.20	-0.7724	-0.9071
0.30	-1.2918	*******
0.40	-1.2511	-1.3140
0.50	-1.0980	*******
0.60	-1.2252	-1.0773
0.70	-1.0790	*******
0.80	-1.2056	-1.1793
0.90	-1.2894	*******
0.95	-1.5075	-0.9396

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	-0.1359	-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.

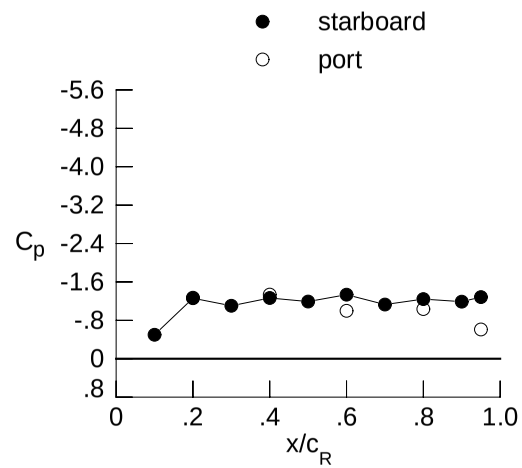
Run No. = 46 , Point No. = 981

C_N = 0.285, C_m = -0.0485

α = 7.1 °, M_∞ = 0.801

R_{mac} = 59.6×10^6

Leading Edge Pressures

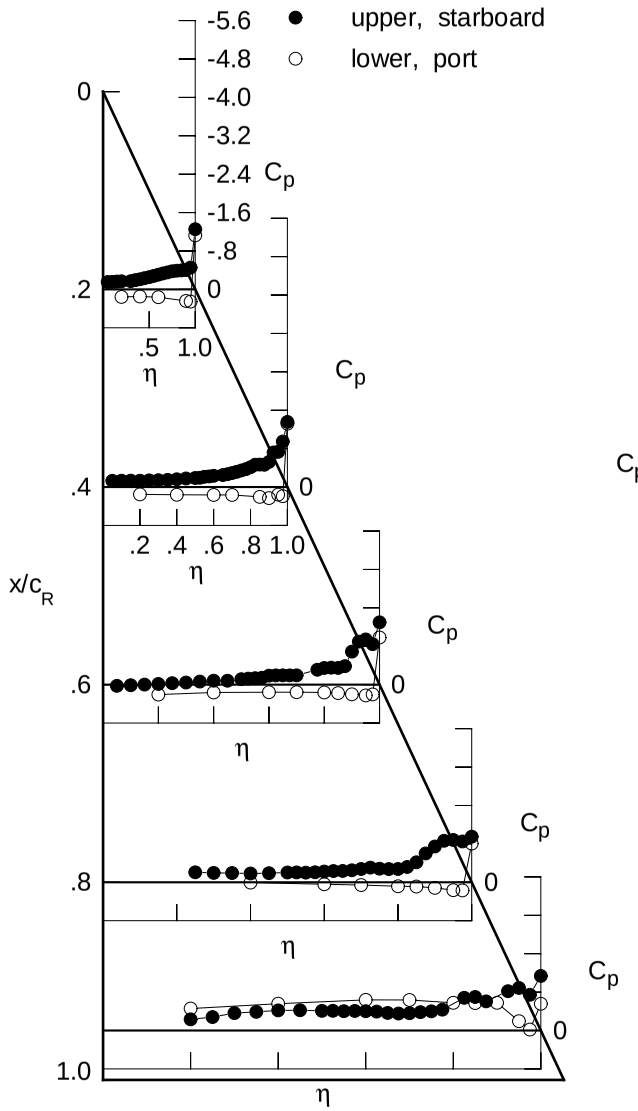


x/c_R	starb'd C_p	port C_p
0.10	-0.4994	*******
0.20	-1.2608	-1.2716
0.30	-1.1030	*******
0.40	-1.2653	-1.3362
0.50	-1.1909	*******
0.60	-1.3347	-0.9981
0.70	-1.1287	*******
0.80	-1.2425	-1.0354
0.90	-1.1890	*******
0.95	-1.2844	-0.6093

Table E3. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,u
0.050	-0.1537	-0.1303	0.0249	*******	*******
0.100	-0.1567	-0.1324	0.0121	*******	*******
0.150	-0.1637	-0.1332	-0.0005	*******	*******
0.200	-0.1691	-0.1317	-0.0143	*******	-0.2327
0.250	*******	-0.1395	-0.0304	-0.2082	-0.2801
0.300	-0.1710	-0.1427	-0.0440	-0.1953	-0.3626
0.350	-0.1929	-0.1494	-0.0641	-0.1925	-0.3888
0.400	-0.2107	-0.1617	-0.0824	-0.1834	-0.4189
0.450	-0.2335	-0.1782	-0.0817	-0.1897	-0.4221
0.500	-0.2548	-0.1885	-0.1134	-0.2043	-0.4099
0.525	*******	-0.1936	-0.1256	-0.2060	-0.4106
0.550	-0.2812	-0.2134	-0.1346	-0.2010	-0.4026
0.575	*******	-0.2211	-0.1444	-0.2091	-0.4069
0.600	-0.3061	-0.2336	-0.1874	-0.2239	-0.4025
0.625	*******	*******	-0.1929	-0.2346	-0.3937
0.650	-0.3320	-0.2493	-0.1937	-0.2358	-0.3668
0.675	*******	-0.2675	-0.1932	-0.2503	-0.3536
0.700	-0.3541	-0.2911	-0.1934	-0.2770	-0.3608
0.725	*******	-0.3167	*******	-0.3060	-0.3822
0.750	-0.3773	-0.3444	*******	-0.2833	-0.4003
0.775	*******	-0.3732	-0.3105	-0.2751	-0.4347
0.800	-0.3893	-0.4126	-0.3474	-0.2770	*******
0.825	*******	-0.4649	-0.3532	-0.3191	-0.6816
0.850	-0.3959	-0.4677	-0.3477	-0.4167	-0.6986
0.875	*******	-0.4640	-0.3848	-0.6009	-0.6073
0.900	-0.4038	-0.5231	-0.6878	-0.7458	*******
0.925	*******	-0.7197	-0.8961	-0.8652	-0.8194
0.950	-0.4551	-0.7333	-0.9415	-0.8816	-0.8862
0.975	*******	-0.9487	-0.8431	-0.8505	-0.7445
1.000	-1.2532	-1.3560	-1.2980	-0.9508	-1.1372
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.1569	0.1529	0.2073	*******	-0.4573
-0.400	0.1482	0.1611	0.1633	0.0060	-0.5582
-0.600	0.1627	0.1648	0.1578	0.0410	-0.6381
-0.700	*******	0.1646	0.1574	0.0575	-0.6363
-0.800	*******	*******	0.1629	0.0824	-0.5764
-0.850	*******	0.2048	0.1763	0.0885	-0.5723
-0.900	0.2411	0.2301	0.2015	0.1162	-0.5772
-0.950	0.2545	0.1585	0.2252	0.1639	-0.1944
-0.975	*******	0.1904	0.2036	0.1691	-0.0200
-1.000	-1.1254	-1.3199	-0.9827	-0.8073	-0.5570

Surface Pressures



Small Radius L.E.

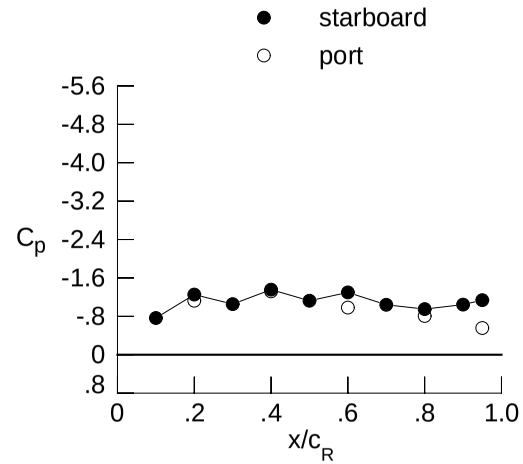
Run No. = 46 , Point No. = 982

C_N = 0.338, C_m = -0.0578

α = 8.1 °, M_∞ = 0.801

R_{mac} = 59.7×10^6

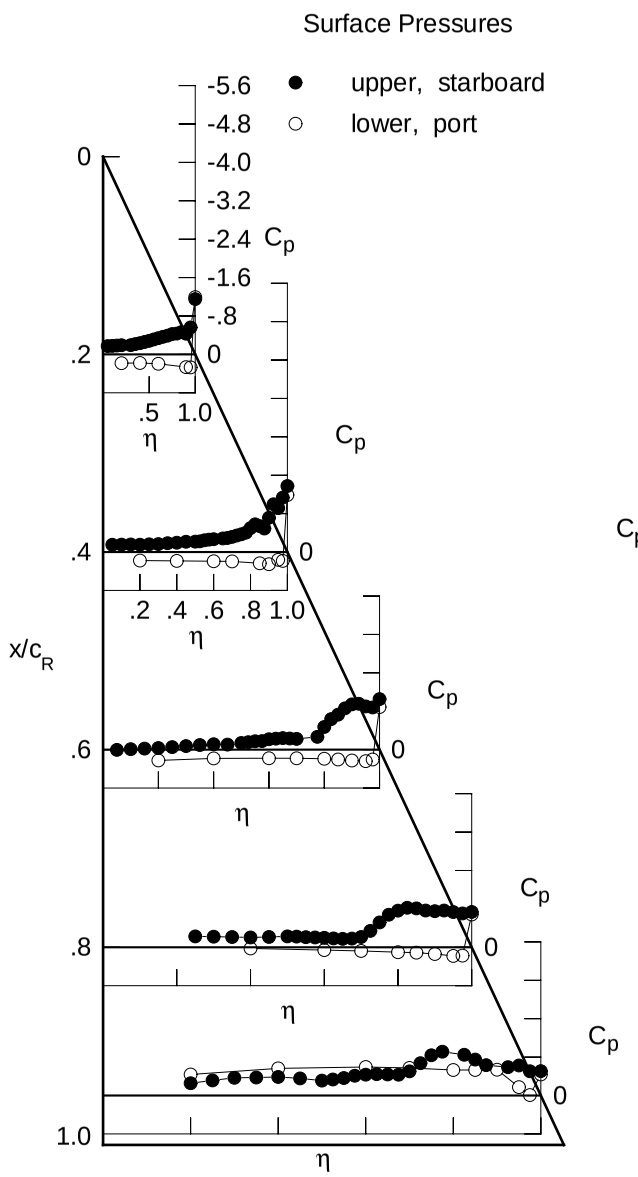
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
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 $C_{p,u}$	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	-0.1726	-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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1831	0.1776	0.2247	*******	-0.4379
-0.400	0.1789	0.1845	0.1826	0.0239	-0.5653
-0.600	0.1952	0.1917	0.1788	0.0581	-0.5937
-0.700	*******	0.1952	0.1796	0.0764	-0.5744
-0.800	*******	*******	0.1899	0.1021	-0.5311
-0.850	*******	0.2344	0.2047	0.1122	-0.5316
-0.900	0.2653	0.2539	0.2267	0.1399	-0.5375
-0.950	0.2715	0.1619	0.2401	0.1797	-0.1745
-0.975	*******	0.1849	0.2046	0.1740	-0.0094
-1.000	-1.1929	-1.1881	-0.8870	-0.6833	-0.4387



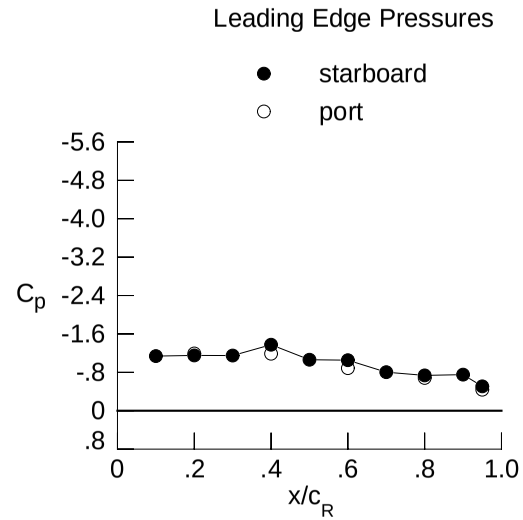
Small Radius L.E.

Run No. = 46 , Point No. = 983

C_N = 0.403, C_m = -0.0719

α = 9.2 °, M_∞ = 0.800

$R_{mac} = 59.7 \times 10^6$

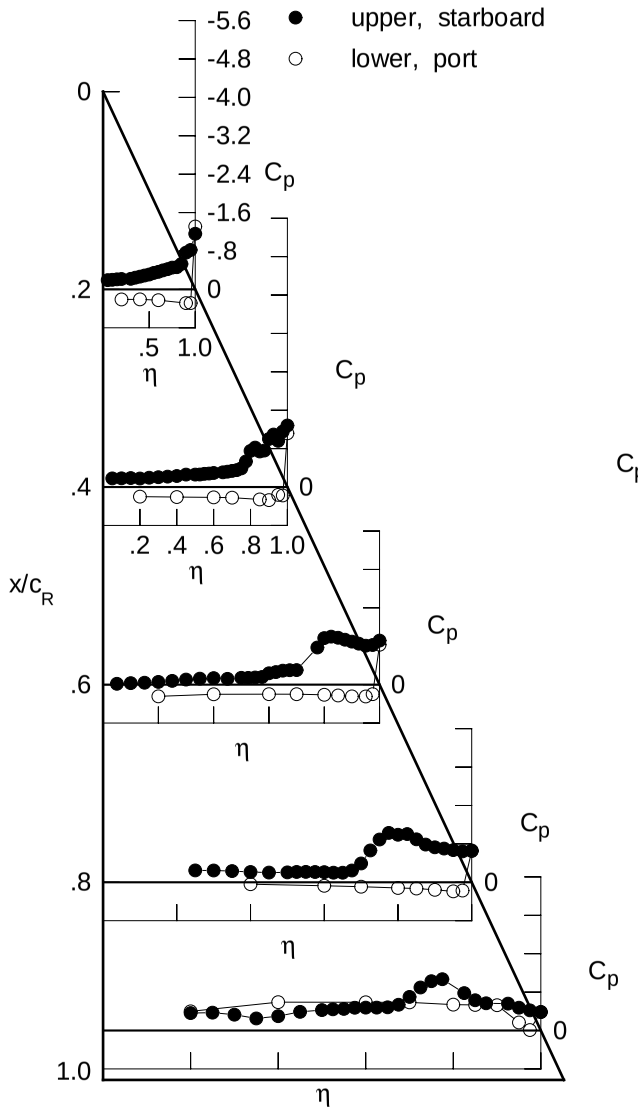


x/c_R	starb'd C_p	port C_p
0.10	-1.1383	*******
0.20	-1.1523	-1.1929
0.30	-1.1494	*******
0.40	-1.3755	-1.1881
0.50	-1.0626	*******
0.60	-1.0532	-0.8870
0.70	-0.8030	*******
0.80	-0.7360	-0.6833
0.90	-0.7519	*******
0.95	-0.5077	-0.4387

Table E3. Continued.

η	x/c_R .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	-0.1928	-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	-0.3720
0.300	-0.2196	-0.2049	-0.1055	-0.2456	-0.3298
0.350	-0.2441	-0.2169	-0.1248	-0.2336	-0.2514
0.400	-0.2657	-0.2300	-0.1359	-0.2145	-0.2986
0.450	-0.2890	-0.2592	-0.1206	-0.2025	-0.3891
0.500	-0.3096	-0.2591	-0.1427	-0.2062	-0.4260
0.525	*******	-0.2610	-0.1409	-0.2154	-0.4419
0.550	-0.3424	-0.2748	-0.1490	-0.2167	-0.4507
0.575	*******	-0.2809	-0.1595	-0.2140	-0.4744
0.600	-0.3653	-0.2931	-0.2367	-0.2115	-0.4769
0.625	*******	*******	-0.2619	-0.1997	-0.4765
0.650	-0.3961	-0.3060	-0.2909	-0.1990	-0.4836
0.675	*******	-0.3198	-0.3006	-0.2460	-0.5366
0.700	-0.4215	-0.3358	-0.3036	-0.3922	-0.6996
0.725	*******	-0.3521	*******	-0.6631	-0.8957
0.750	-0.4538	-0.3889	*******	-0.8916	-1.0274
0.775	*******	-0.5328	-0.7740	-1.0290	-1.0690
0.800	-0.4622	-0.7525	-0.9697	-0.9905	*******
0.825	*******	-0.8215	-1.0000	-1.0044	-0.7794
0.850	-0.5297	-0.7410	-0.9767	-0.8955	-0.6304
0.875	*******	-0.7599	-0.9359	-0.7854	-0.5669
0.900	-0.7655	-1.0006	-0.8960	-0.7288	*******
0.925	*******	-1.0936	-0.8537	-0.7023	-0.5599
0.950	-0.8215	-0.9628	-0.8111	-0.6704	-0.4753
0.975	*******	-1.1566	-0.8256	-0.6442	-0.4198
1.000	-1.1595	-1.2817	-0.9172	-0.6617	-0.3845
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2094	0.2002	0.2438	*******	-0.3989
-0.400	0.2078	0.2088	0.2009	0.0401	-0.5907
-0.600	0.2244	0.2156	0.1988	0.0724	-0.5881
-0.700	*******	0.2214	0.1994	0.0921	-0.5865
-0.800	*******	*******	0.2116	0.1184	-0.5389
-0.850	*******	0.2586	0.2256	0.1295	-0.5329
-0.900	0.2857	0.2727	0.2446	0.1571	-0.5276
-0.950	0.2849	0.1635	0.2460	0.1886	-0.1674
-0.975	*******	0.1750	0.1985	0.1718	-0.0100
-1.000	-1.3097	-1.1194	-0.8313	-0.6512	-0.3865

Surface Pressures



Small Radius L.E.

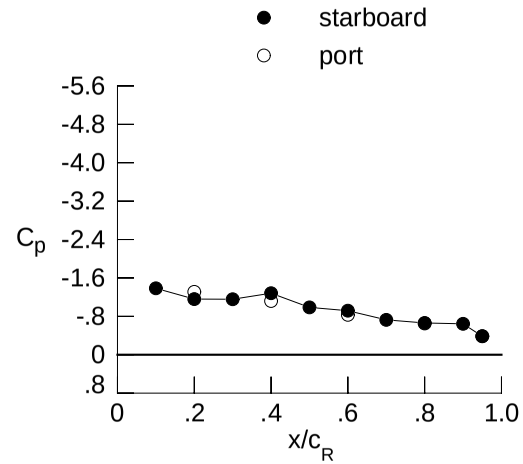
Run No. = 46 , Point No. = 984

C_N = 0.468, C_m = -0.0839

α = 10.2 °, M_∞ = 0.801

R_{mac} = 59.7×10^6

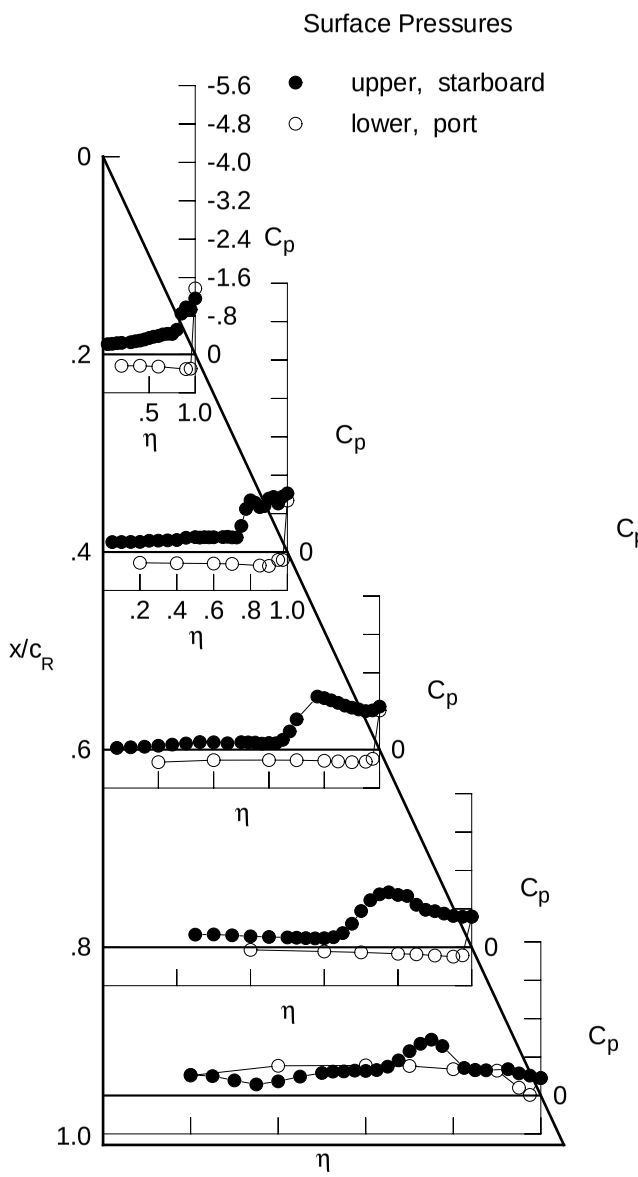
Leading Edge Pressures



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 $C_{p,u}$	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	-0.2131	-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	*******	-0.4303
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2381	0.2242	0.2610	*******	-0.4159
-0.400	0.2370	0.2335	0.2195	0.0540	-0.6190
-0.600	0.2547	0.2403	0.2177	0.0880	-0.6271
-0.700	*******	0.2477	0.2199	0.1067	-0.6149
-0.800	*******	*******	0.2322	0.1345	-0.5481
-0.850	*******	0.2816	0.2460	0.1464	-0.5328
-0.900	0.3062	0.2894	0.2615	0.1724	-0.5175
-0.950	0.2975	0.1640	0.2510	0.1952	-0.1626
-0.975	*******	0.1648	0.1910	0.1674	-0.0117
-1.000	-1.3744	-1.0719	-0.8157	-0.6350	-0.3622



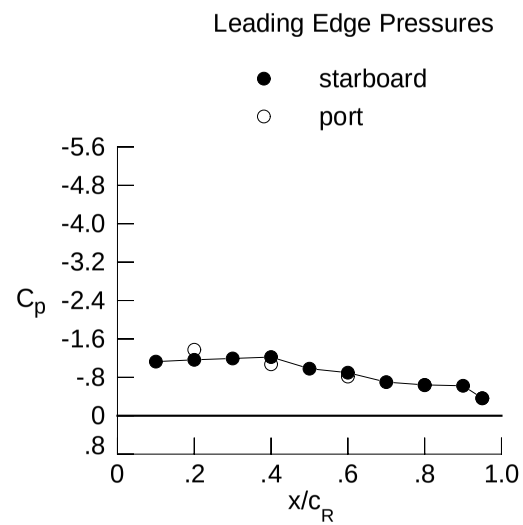
Small Radius L.E.

Run No. = 46 , Point No. = 985

C_N = 0.524, C_m = -0.0918

α = 11.3 °, M_∞ = 0.800

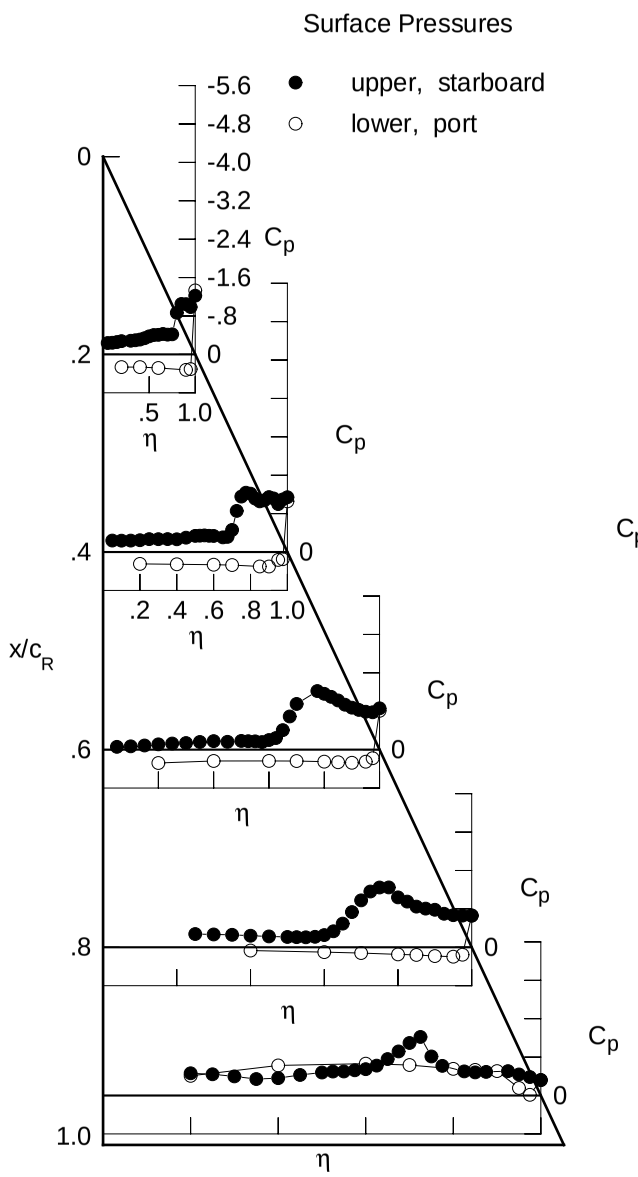
R_{mac} = 59.6×10^6



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

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	-0.2371	-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	-0.4426
0.300	-0.2844	-0.2682	-0.1378	-0.2672	-0.3982
0.350	-0.2943	-0.2692	-0.1603	-0.2600	-0.3430
0.400	-0.3089	-0.2660	-0.1778	-0.2406	-0.3618
0.450	-0.3365	-0.2996	-0.1629	-0.2263	-0.4283
0.500	-0.3759	-0.3371	-0.1813	-0.2150	-0.4792
0.525	*******	-0.3412	-0.1758	-0.2110	-0.4994
0.550	-0.4034	-0.3460	-0.1730	-0.2076	-0.5008
0.575	*******	-0.3385	-0.1576	-0.2188	-0.5252
0.600	-0.4072	-0.3350	-0.1999	-0.2544	-0.5490
0.625	*******	*******	-0.2417	-0.3339	-0.6226
0.650	-0.4252	-0.3060	-0.4066	-0.4930	-0.7589
0.675	*******	-0.3159	-0.6915	-0.7332	-0.9184
0.700	-0.4111	-0.4608	-0.9523	-0.9778	-1.0942
0.725	*******	-0.8569	*******	-1.1615	-1.2203
0.750	-0.4187	-1.1555	*******	-1.2457	-0.8134
0.775	*******	-1.2360	-1.2205	-1.2476	-0.6178
0.800	-0.8671	-1.2159	-1.1630	-1.0398	*******
0.825	*******	-1.1147	-1.1003	-0.9516	-0.5023
0.850	-1.0502	-1.0558	-1.0248	-0.8469	-0.4817
0.875	*******	-1.0771	-0.9359	-0.8055	-0.4922
0.900	-1.0466	-1.1446	-0.8747	-0.7815	*******
0.925	*******	-1.1164	-0.8283	-0.6986	-0.5078
0.950	-0.9868	-0.9994	-0.7898	-0.6687	-0.4386
0.975	*******	-1.0962	-0.7786	-0.6599	-0.3846
1.000	-1.2227	-1.1418	-0.8608	-0.6569	-0.3250
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2648	0.2470	0.2781	*******	-0.4099
-0.400	0.2644	0.2554	0.2362	0.0678	-0.6264
-0.600	0.2829	0.2642	0.2354	0.1008	-0.6634
-0.700	*******	0.2715	0.2377	0.1203	-0.6349
-0.800	*******	*******	0.2501	0.1478	-0.5555
-0.850	*******	0.3005	0.2627	0.1593	-0.5334
-0.900	0.3227	0.3017	0.2736	0.1829	-0.5085
-0.950	0.3064	0.1644	0.2512	0.1963	-0.1568
-0.975	*******	0.1499	0.1782	0.1546	-0.0140
-1.000	-1.3330	-1.0560	-0.8087	-0.6651	-0.3194



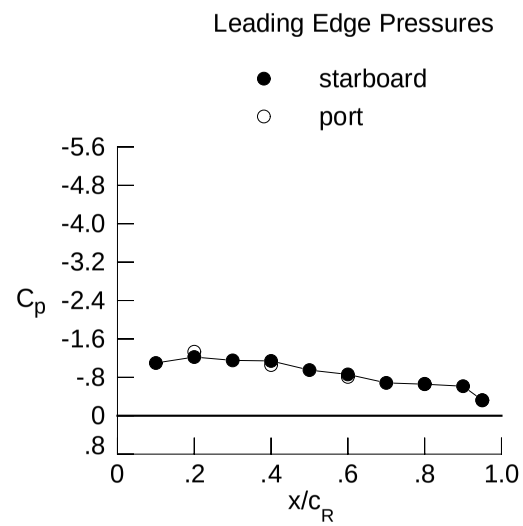
Small Radius L.E.

Run No. = 46 , Point No. = 986

C_N = 0.579, C_m = -0.0970

α = 12.4 °, M_∞ = 0.802

R_{mac} = 59.6×10^6

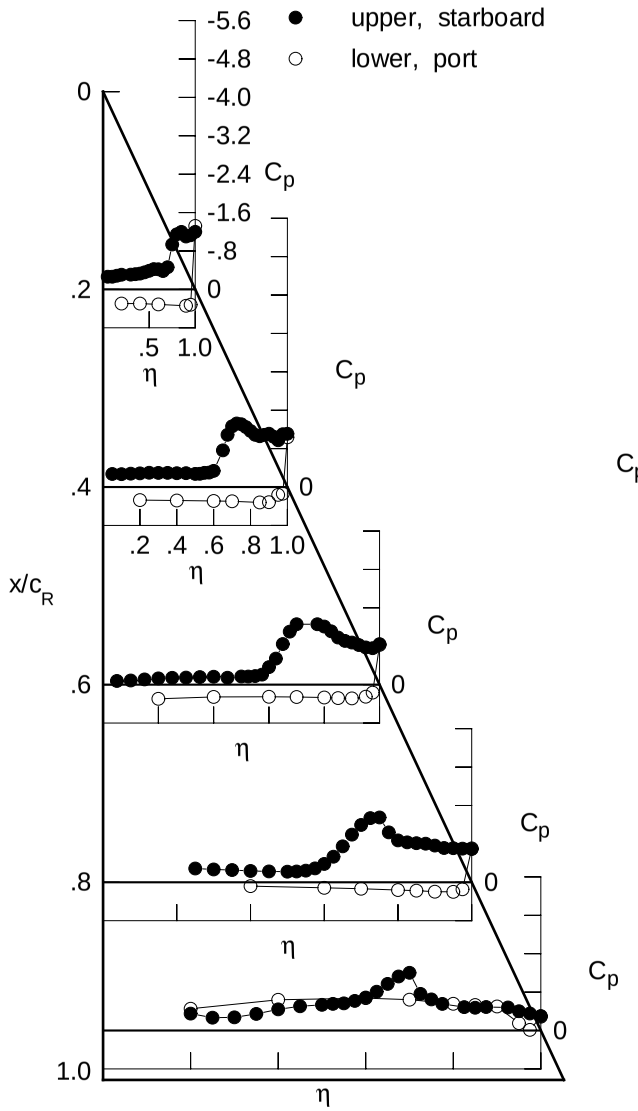


x/c_R	starb'd C_p	port C_p
0.10	-1.0987	*******
0.20	-1.2227	-1.3330
0.30	-1.1531	*******
0.40	-1.1418	-1.0560
0.50	-0.9509	*******
0.60	-0.8608	-0.8087
0.70	-0.6841	*******
0.80	-0.6569	-0.6651
0.90	-0.6149	*******
0.95	-0.3250	-0.3194

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	-0.2640	-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	-0.2669
0.300	-0.3074	-0.2946	-0.1469	-0.2672	-0.2743
0.350	-0.3169	-0.2949	-0.1572	-0.2550	-0.3458
0.400	-0.3289	-0.2883	-0.1651	-0.2364	-0.4408
0.450	-0.3550	-0.2888	-0.1439	-0.2262	-0.5050
0.500	-0.3869	-0.2734	-0.1699	-0.2210	-0.5351
0.525	*******	-0.2758	-0.1692	-0.2252	-0.5550
0.550	-0.4221	-0.2962	-0.1788	-0.2424	-0.5652
0.575	*******	-0.3005	-0.2086	-0.2899	-0.6170
0.600	-0.4191	-0.3371	-0.3650	-0.3824	-0.6869
0.625	*******	*******	-0.5422	-0.5327	-0.8084
0.650	-0.3824	-0.7643	-0.8453	-0.7490	-0.9714
0.675	*******	-1.0882	-1.1039	-0.9926	-1.1259
0.700	-0.4613	-1.2651	-1.2588	-1.1948	-1.2025
0.725	*******	-1.3242	*******	-1.3367	-0.7630
0.750	-0.9348	-1.3078	*******	-1.3507	-0.6477
0.775	*******	-1.2489	-1.2582	-1.0398	-0.5541
0.800	-1.1476	-1.1681	-1.2102	-0.8730	*******
0.825	*******	-1.0877	-1.1112	-0.8324	-0.4871
0.850	-1.1974	-1.0582	-0.9818	-0.8141	-0.4740
0.875	*******	-1.0869	-0.9110	-0.8036	-0.4896
0.900	-1.1013	-1.1102	-0.8767	-0.7648	*******
0.925	*******	-1.0477	-0.8257	-0.7140	-0.4796
0.950	-1.1282	-0.9744	-0.7754	-0.7104	-0.4018
0.975	*******	-1.1002	-0.7588	-0.7007	-0.3547
1.000	-1.1994	-1.1099	-0.8441	-0.6930	-0.3019
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2952	0.2722	0.2952	*******	-0.4533
-0.400	0.2951	0.2805	0.2561	0.0803	-0.6402
-0.600	0.3131	0.2904	0.2529	0.1150	-0.6745
-0.700	*******	0.2967	0.2576	0.1343	-0.6424
-0.800	*******	*******	0.2681	0.1619	-0.5569
-0.850	*******	0.3210	0.2801	0.1747	-0.5310
-0.900	0.3415	0.3162	0.2868	0.1957	-0.5005
-0.950	0.3190	0.1629	0.2509	0.1988	-0.1517
-0.975	*******	0.1385	0.1656	0.1457	-0.0134
-1.000	-1.3225	-1.0362	-0.8272	-0.7061	-0.2874

Surface Pressures



Small Radius L.E.

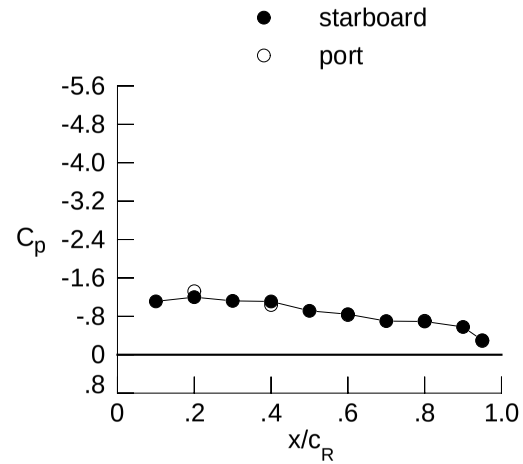
Run No. = 46 , Point No. = 987

C_N = 0.625, C_m = -0.0985

α = 13.4 °, M_∞ = 0.799

R_{mac} = 59.6×10^6

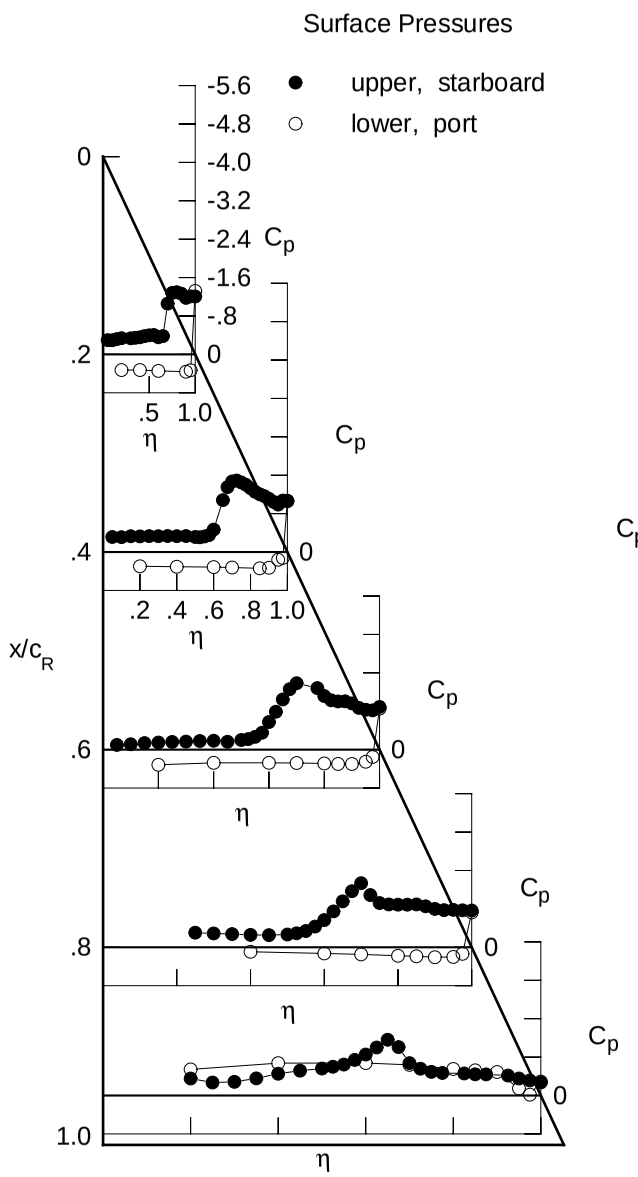
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1116	*******
0.20	-1.1994	-1.3225
0.30	-1.1216	*******
0.40	-1.1099	-1.0362
0.50	-0.9147	*******
0.60	-0.8441	-0.8272
0.70	-0.7004	*******
0.80	-0.6930	-0.7061
0.90	-0.5786	*******
0.95	-0.3019	-0.2874

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	-0.2966	-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
0.300	-0.3351	-0.3294	-0.1676	-0.2881	-0.2847
0.350	-0.3455	-0.3333	-0.1796	-0.2751	-0.3569
0.400	-0.3559	-0.3304	-0.1857	-0.2580	-0.4539
0.450	-0.3806	-0.3332	-0.1636	-0.2530	-0.5178
0.500	-0.3977	-0.3137	-0.2010	-0.2658	-0.5613
0.525	*******	-0.3075	-0.2196	-0.2915	-0.5992
0.550	-0.4040	-0.3242	-0.2669	-0.3393	-0.6450
0.575	*******	-0.3525	-0.3524	-0.4316	-0.7417
0.600	-0.3557	-0.4679	-0.5754	-0.5674	-0.8533
0.625	*******	*******	-0.7896	-0.7469	-1.0002
0.650	-0.3812	-1.0808	-1.0458	-0.9565	-1.1620
0.675	*******	-1.3529	-1.2589	-1.1677	-1.0084
0.700	-1.0570	-1.4704	-1.3838	-1.3348	-0.6745
0.725	*******	-1.4899	*******	-1.0882	-0.5582
0.750	-1.2808	-1.4498	*******	-0.9213	-0.4923
0.775	*******	-1.4018	-1.2822	-0.8927	-0.4694
0.800	-1.2951	-1.3312	-1.1167	-0.8881	*******
0.825	*******	-1.2552	-1.0278	-0.8874	-0.4590
0.850	-1.2642	-1.2029	-1.0039	-0.8931	-0.4415
0.875	*******	-1.1637	-1.0072	-0.8536	-0.4398
0.900	-1.1778	-1.1094	-0.9636	-0.7991	*******
0.925	*******	-1.0449	-0.8701	-0.7739	-0.4158
0.950	-1.2088	-0.9883	-0.8309	-0.7799	-0.3546
0.975	*******	-1.0731	-0.8185	-0.7702	-0.3146
1.000	-1.2061	-1.0693	-0.8897	-0.7658	-0.2722
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3263	0.2966	0.3157	*******	-0.5435
-0.400	0.3262	0.3066	0.2746	0.0936	-0.6746
-0.600	0.3440	0.3135	0.2744	0.1282	-0.6764
-0.700	*******	0.3228	0.2782	0.1478	-0.6385
-0.800	*******	*******	0.2878	0.1767	-0.5519
-0.850	*******	0.3394	0.2972	0.1882	-0.5245
-0.900	0.3607	0.3283	0.2993	0.2073	-0.4894
-0.950	0.3301	0.1611	0.2522	0.2010	-0.1471
-0.975	*******	0.1235	0.1532	0.1360	-0.0173
-1.000	-1.3217	-1.0574	-0.8535	-0.7260	-0.2904



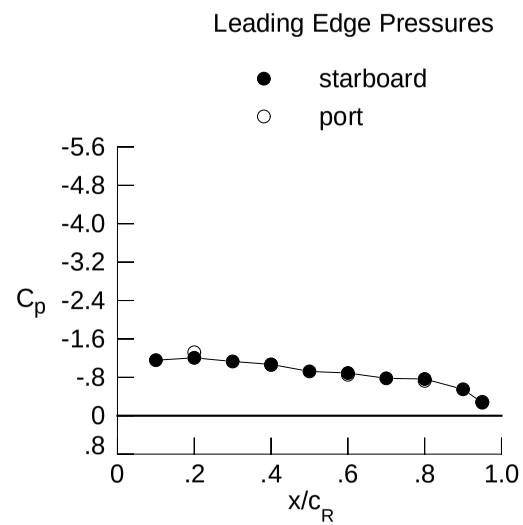
Small Radius L.E.

Run No. = 46 , Point No. = 988

C_N = 0.672, C_m = -0.1011

α = 14.4 °, M_∞ = 0.795

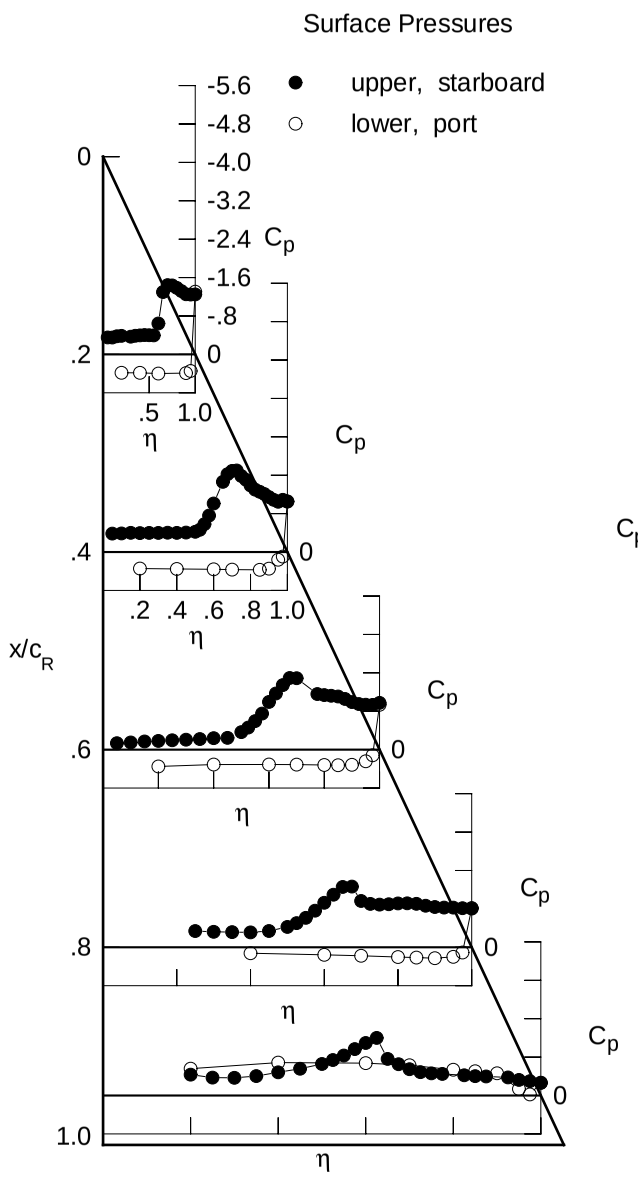
R_{mac} = 59.5×10^6



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 $C_{p,u}$	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	-0.3530	-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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3833	0.3439	0.3505	*******	-0.5591
-0.400	0.3838	0.3524	0.3105	0.1238	-0.6857
-0.600	0.3989	0.3598	0.3093	0.1572	-0.6742
-0.700	*******	0.3663	0.3118	0.1768	-0.6304
-0.800	*******	*******	0.3199	0.2033	-0.5368
-0.850	*******	0.3707	0.3248	0.2146	-0.5054
-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



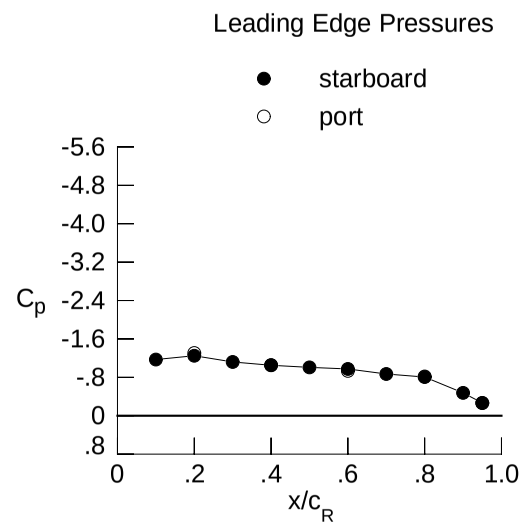
Small Radius L.E.

Run No. = 46 , Point No. = 989

C_N = 0.768, C_m = -0.1068

α = 16.5 °, M_∞ = 0.799

R_{mac} = 60.0×10^6

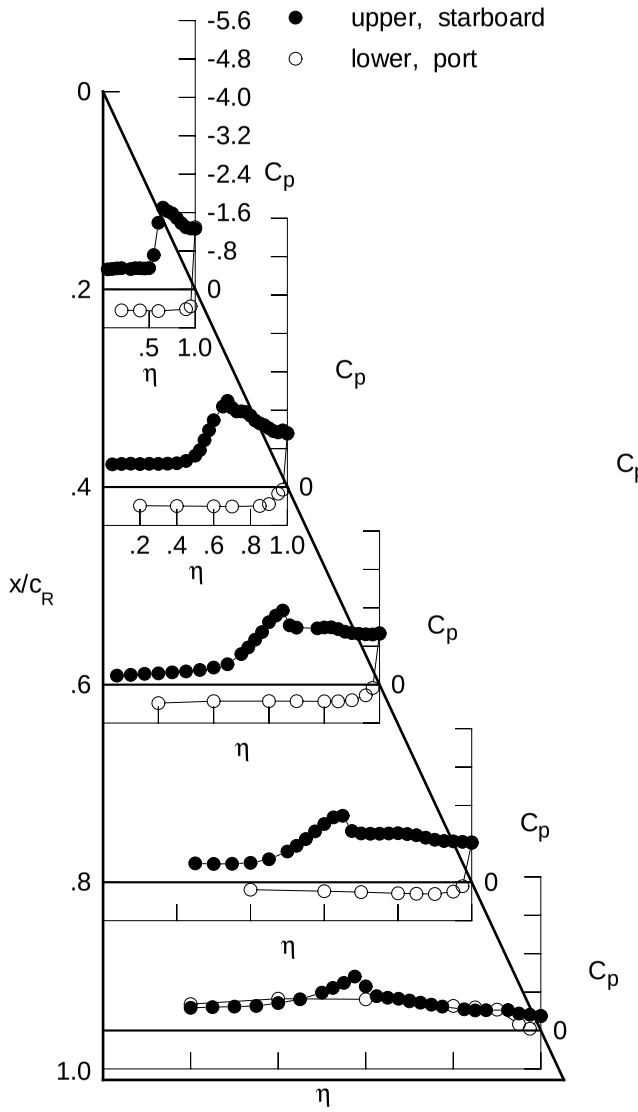


x/c_R	starb'd C_p	port C_p
0.10	-1.1707	*******
0.20	-1.2499	-1.3064
0.30	-1.1203	*******
0.40	-1.0512	-1.0543
0.50	-1.0074	*******
0.60	-0.9746	-0.9340
0.70	-0.8696	*******
0.80	-0.8060	-0.8176
0.90	-0.4763	*******
0.95	-0.2672	-0.2629

Table E3. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.4176	-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	-0.4870
0.300	-0.4230	-0.4824	-0.2750	-0.3821	-0.4977
0.350	-0.4418	-0.4874	-0.3056	-0.3858	-0.5111
0.400	-0.4405	-0.4953	-0.3562	-0.4048	-0.5708
0.450	-0.4352	-0.5434	-0.4252	-0.4803	-0.6501
0.500	-0.4428	-0.6538	-0.6360	-0.6407	-0.7896
0.525	*******	-0.7677	-0.7751	-0.7600	-0.8873
0.550	-0.7162	-0.9778	-0.9371	-0.9011	-0.9924
0.575	*******	-1.1844	-1.0955	-1.0599	-1.1243
0.600	-1.3891	-1.3912	-1.3010	-1.2139	-0.9191
0.625	*******	*******	-1.4385	-1.3522	-0.7150
0.650	-1.7024	-1.6763	-1.5437	-1.3863	-0.6830
0.675	*******	-1.7943	-1.2350	-1.0681	-0.6620
0.700	-1.6285	-1.6503	-1.1874	-1.0175	-0.6251
0.725	*******	-1.5752	*******	-1.0113	-0.5800
0.750	-1.5828	-1.5767	*******	-1.0117	-0.5383
0.775	*******	-1.5618	-1.1731	-1.0171	-0.4984
0.800	-1.4845	-1.4866	-1.1914	-1.0227	*******
0.825	*******	-1.3852	-1.1945	-1.0046	-0.4413
0.850	-1.3785	-1.3255	-1.1576	-0.9807	-0.4183
0.875	*******	-1.2872	-1.1028	-0.9297	-0.4227
0.900	-1.2937	-1.2243	-1.0747	-0.8858	*******
0.925	*******	-1.1644	-1.0594	-0.8597	-0.4267
0.950	-1.2677	-1.1385	-1.0491	-0.8529	-0.3536
0.975	*******	-1.1802	-1.0456	-0.8421	-0.3288
1.000	-1.2634	-1.1258	-1.0588	-0.8317	-0.3035
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4368	0.3880	0.3847	*******	-0.5497
-0.400	0.4388	0.3956	0.3445	0.1535	-0.6621
-0.600	0.4505	0.4013	0.3432	0.1861	-0.6498
-0.700	*******	0.4065	0.3450	0.2050	-0.6076
-0.800	*******	*******	0.3481	0.2296	-0.5116
-0.850	*******	0.3943	0.3477	0.2392	-0.4816
-0.900	0.4126	0.3548	0.3251	0.2440	-0.4351
-0.950	0.3537	0.1382	0.2223	0.1945	-0.1293
-0.975	*******	0.0541	0.0685	0.0818	-0.0374
-1.000	-1.2931	-1.1108	-1.0725	-0.8210	-0.2999

Surface Pressures



Small Radius L.E.

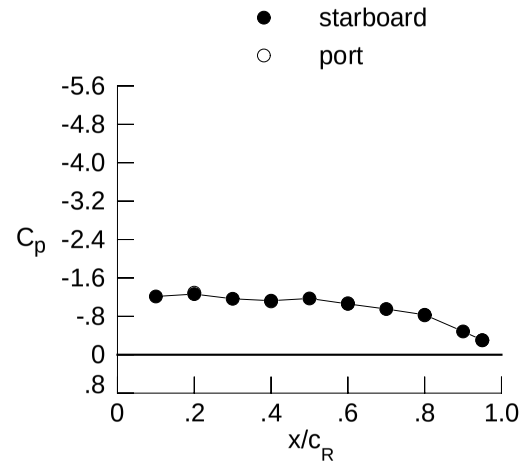
Run No. = 46 , Point No. = 990

C_N = 0.886, C_m = -0.1251

α = 18.6 °, M_∞ = 0.801

R_{mac} = 59.7×10^6

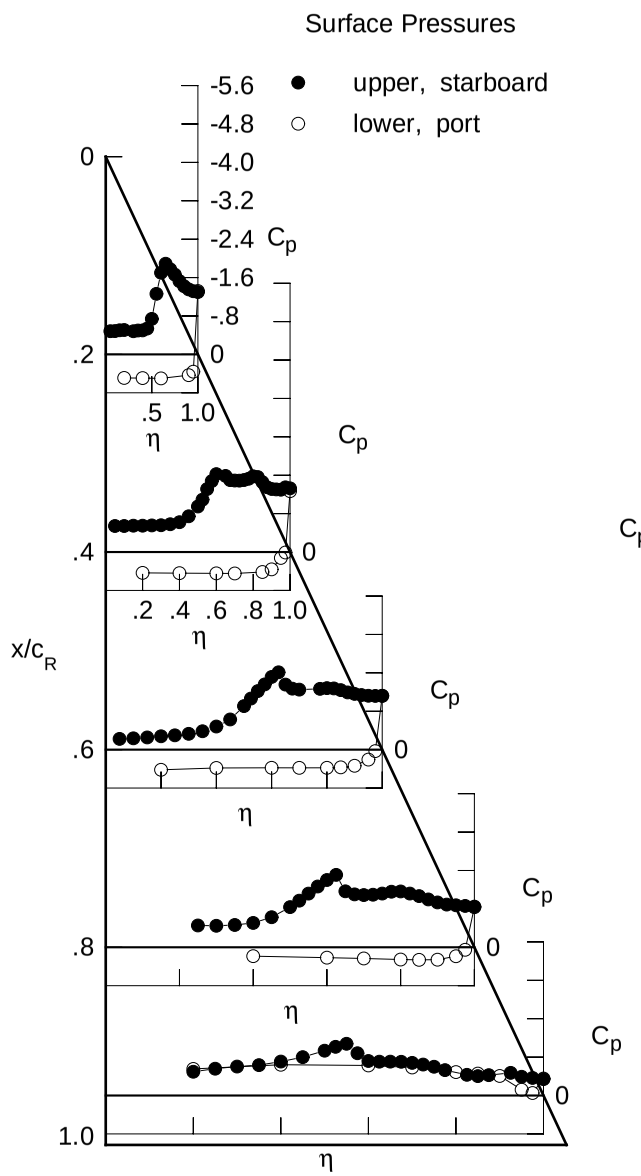
Leading Edge Pressures



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 $C_{p,u}$	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	-0.4828	-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



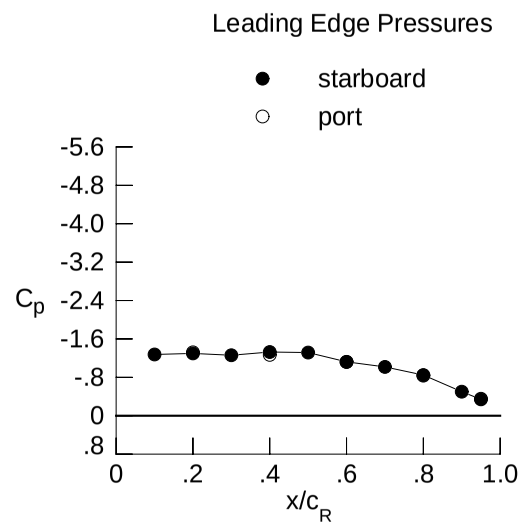
Small Radius L.E.

Run No. = 46 , Point No. = 991

C_N = 0.999, C_m = -0.1408

α = 20.7 °, M_∞ = 0.799

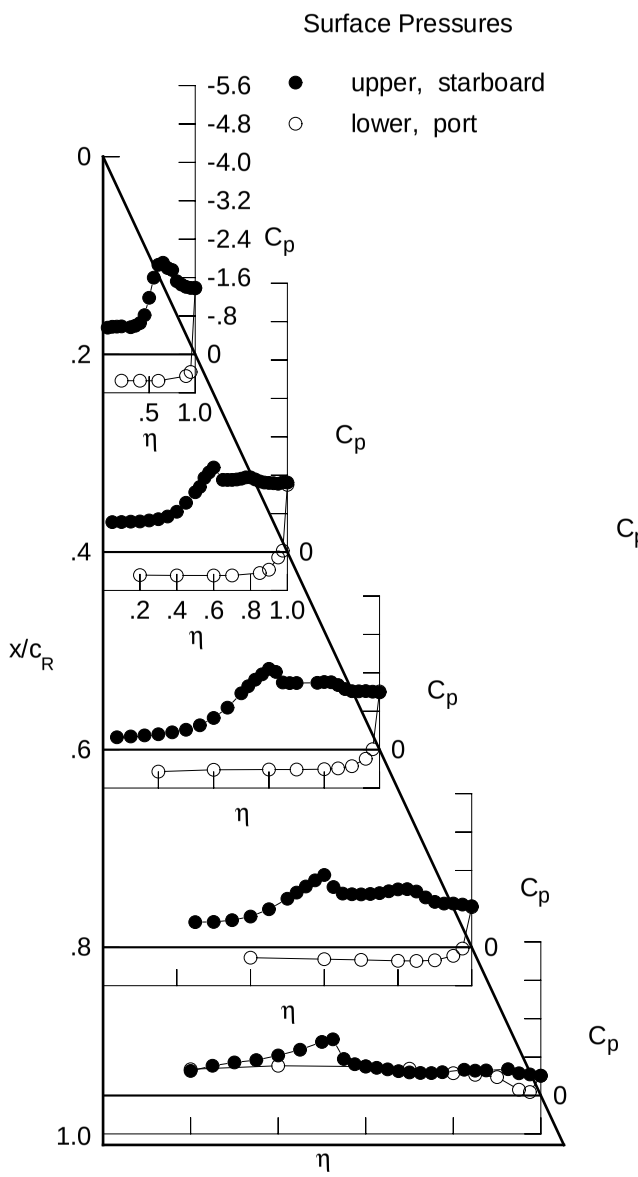
R_{mac} = 59.6×10^6



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 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,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	*******	-0.5118
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
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.5478	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



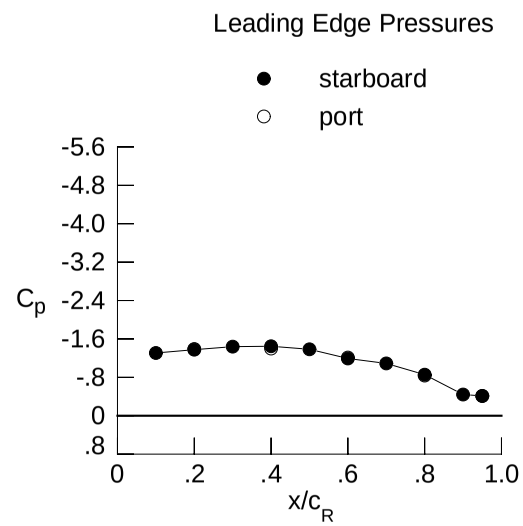
Small Radius L.E.

Run No. = 46 , Point No. = 992

C_N = 1.095, C_m = -0.1498

α = 22.7 °, M_∞ = 0.800

R_{mac} = 59.5×10^6

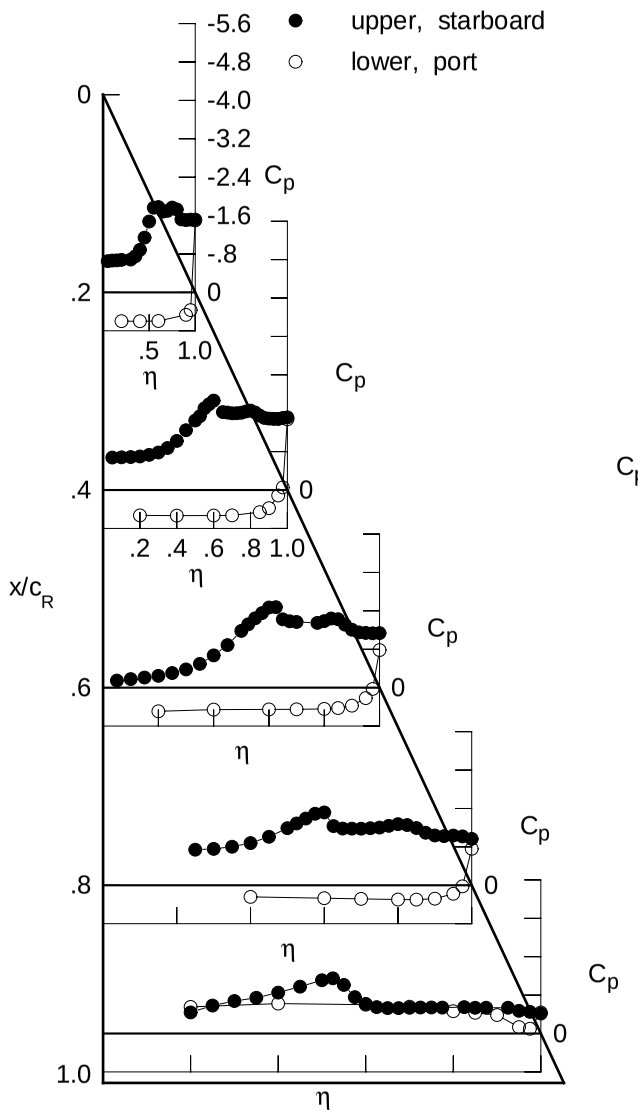


x/c_R	starb'd Cp	port Cp
0.10	-1.3071	*******
0.20	-1.3761	-1.3896
0.30	-1.4391	*******
0.40	-1.4473	-1.4003
0.50	-1.3844	*******
0.60	-1.1926	-1.2123
0.70	-1.0895	*******
0.80	-0.8556	-0.8364
0.90	-0.4420	*******
0.95	-0.4125	-0.4111

Table E3. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.6508	-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	*******	-1.7876	-1.5525	-1.4906	-0.7574
0.600	-1.7782	-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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6003	0.5282	0.4930	*******	-0.5543
-0.400	0.6011	0.5331	0.4577	0.2416	-0.6233
-0.600	0.5964	0.5315	0.4533	0.2690	-0.6007
-0.700	*******	0.5281	0.4520	0.2831	-0.5587
-0.800	*******	*******	0.4432	0.2969	-0.4648
-0.850	*******	0.4605	0.4247	0.2983	-0.4320
-0.900	0.4676	0.3775	0.3752	0.2794	-0.3848
-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

Surface Pressures



Small Radius L.E.

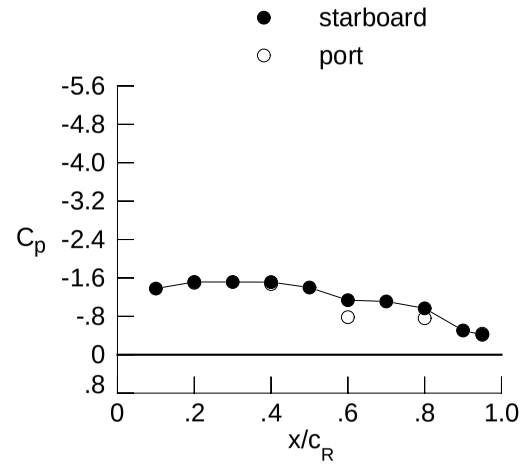
Run No. = 46 , Point No. = 993

C_N = 1.149, C_m = -0.1624

α = 24.7 °, M_∞ = 0.799

R_{mac} = 59.4×10^6

Leading Edge Pressures

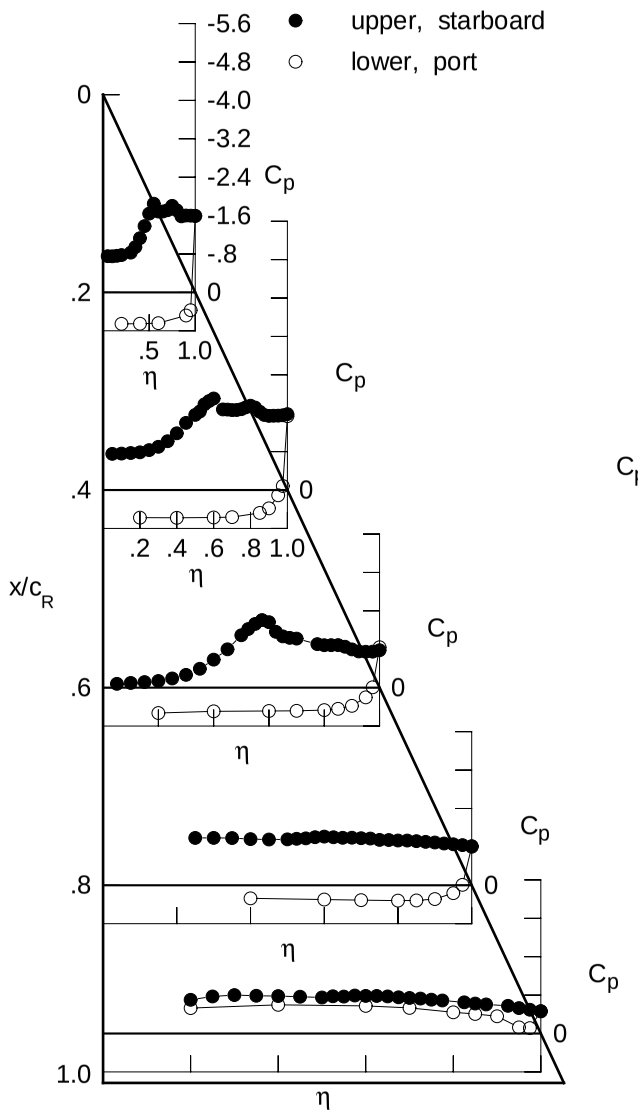


x/c_R	starb'd C_p	port C_p
0.10	-1.3785	*******
0.20	-1.5161	-1.4991
0.30	-1.5151	*******
0.40	-1.5126	-1.4729
0.50	-1.3999	*******
0.60	-1.1362	-0.7821
0.70	-1.1100	*******
0.80	-0.9665	-0.7609
0.90	-0.5048	*******
0.95	-0.4164	-0.4383

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	-0.7544	-0.7535	-0.0789	*******	*******
0.100	-0.7517	-0.7594	-0.0975	*******	*******
0.150	-0.7624	-0.7715	-0.1160	*******	*******
0.200	-0.7778	-0.7859	-0.1387	*******	-0.7020
0.250	*******	-0.8323	-0.1914	-0.9867	-0.7723
0.300	-0.8282	-0.9010	-0.2660	-0.9875	-0.8008
0.350	-0.9429	-1.0164	-0.3927	-0.9843	-0.7864
0.400	-1.1288	-1.1827	-0.5834	-0.9612	-0.7800
0.450	-1.3807	-1.3992	-0.7983	-0.9538	-0.7661
0.500	-1.6410	-1.5653	-1.0911	-0.9565	-0.7504
0.525	*******	-1.6357	-1.2206	-0.9685	-0.7757
0.550	-1.8482	-1.7854	-1.3271	-0.9778	-0.7696
0.575	*******	-1.8538	-1.4079	-1.0019	-0.7912
0.600	-1.6843	-1.9071	-1.3638	-1.0141	-0.7835
0.625	*******	*******	-1.1629	-1.0009	-0.7824
0.650	-1.6857	-1.6795	-1.0681	-0.9893	-0.7729
0.675	*******	-1.6757	-1.0378	-0.9910	-0.7546
0.700	-1.7119	-1.6653	-1.0214	-0.9805	-0.7405
0.725	*******	-1.6672	*******	-0.9736	-0.7284
0.750	-1.8030	-1.6839	*******	-0.9459	-0.7045
0.775	*******	-1.7235	-0.9066	-0.9428	-0.6877
0.800	-1.7096	-1.7571	-0.8838	-0.9327	*******
0.825	*******	-1.7185	-0.8844	-0.9318	-0.6497
0.850	-1.5842	-1.6309	-0.8863	-0.9193	-0.6241
0.875	*******	-1.5642	-0.8521	-0.9052	-0.6058
0.900	-1.6020	-1.5445	-0.7966	-0.8911	*******
0.925	*******	-1.5480	-0.7538	-0.8702	-0.5767
0.950	-1.5982	-1.5493	-0.7475	-0.8546	-0.5293
0.975	*******	-1.5575	-0.7499	-0.8371	-0.4952
1.000	-1.5910	-1.5815	-0.7791	-0.8158	-0.4602
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6553	0.5749	0.5287	*******	-0.5299
-0.400	0.6528	0.5782	0.4937	0.2717	-0.5972
-0.600	0.6409	0.5722	0.4865	0.2971	-0.5753
-0.700	*******	0.5644	0.4829	0.3094	-0.5336
-0.800	*******	*******	0.4677	0.3194	-0.4418
-0.850	*******	0.4771	0.4416	0.3161	-0.4073
-0.900	0.4816	0.3817	0.3795	0.2871	-0.3594
-0.950	0.3711	0.1100	0.2027	0.1641	-0.1281
-0.975	*******	-0.0839	-0.0071	-0.0095	-0.1126
-1.000	-1.5957	-1.5382	-0.8417	-0.8023	-0.4675

Surface Pressures



Small Radius L.E.

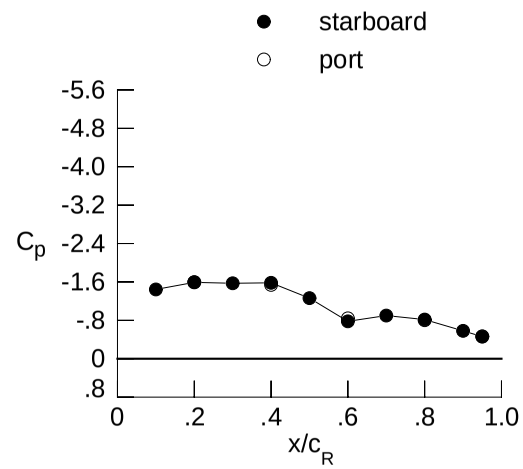
Run No. = 46 , Point No. = 994

C_N = 1.192, C_m = -0.1680

α = 26.8 °, M_∞ = 0.800

R_{mac} = 59.6×10^6

Leading Edge Pressures

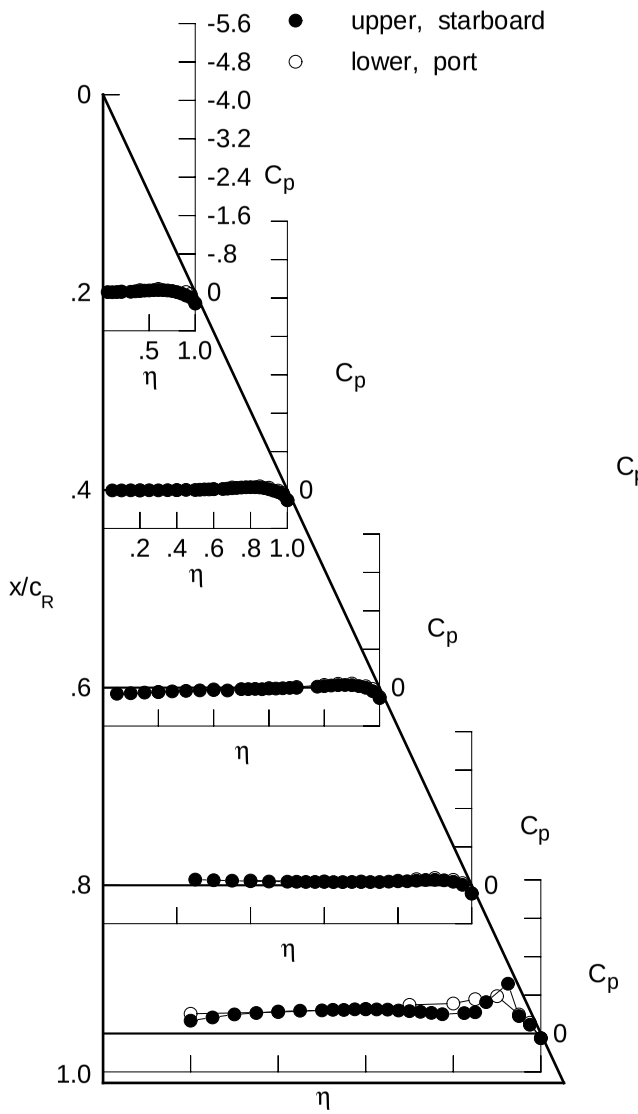


x/c_R	starb'd C_p	port C_p
0.10	-1.4435	*******
0.20	-1.5910	-1.5957
0.30	-1.5721	*******
0.40	-1.5815	-1.5382
0.50	-1.2621	*******
0.60	-0.7791	-0.8417
0.70	-0.8994	*******
0.80	-0.8158	-0.8023
0.90	-0.5805	*******
0.95	-0.4602	-0.4675

Table E3. Concluded.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,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
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,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

Surface Pressures



Small Radius L.E.

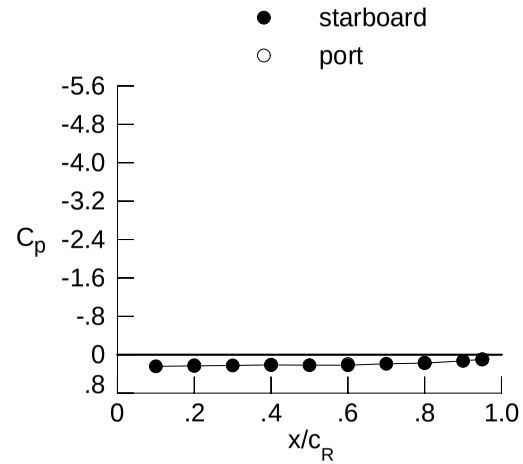
Run No. = 46 , Point No. = 995

C_N = -0.013, C_m = 0.0011

α = -0.3 °, M_∞ = 0.801

R_{mac} = 59.9×10^6

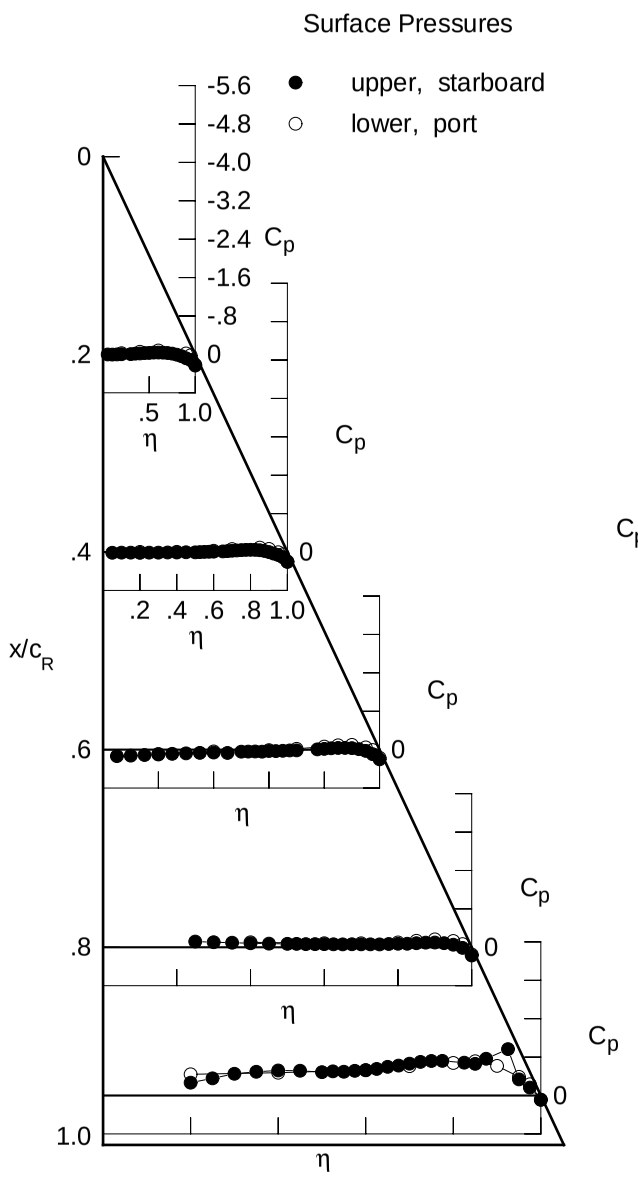
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
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

Table E4. Tabulations and Plots of Surface Pressure Coefficients.

	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
η	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	0.0015	0.0150	0.1355	*******	*******
0.100	0.0039	0.0130	0.1251	*******	*******
0.150	0.0005	0.0132	0.1117	*******	*******
0.200	-0.0035	0.0170	0.1007	*******	-0.2673
0.250	*******	0.0124	0.0876	-0.1194	-0.3573
0.300	-0.0058	0.0130	0.0779	-0.1056	-0.4525
0.350	-0.0151	0.0099	0.0675	-0.0955	-0.4943
0.400	-0.0195	0.0097	0.0599	-0.0837	-0.5219
0.450	-0.0280	0.0048	0.0688	-0.0762	-0.5160
0.500	-0.0307	0.0067	0.0421	-0.0716	-0.4864
0.525	*******	0.0017	0.0410	-0.0709	-0.5032
0.550	-0.0374	-0.0035	0.0386	-0.0658	-0.4956
0.575	*******	-0.0052	0.0426	-0.0657	-0.5145
0.600	-0.0381	-0.0081	0.0279	-0.0657	-0.5252
0.625	*******	*******	0.0308	-0.0625	-0.5537
0.650	-0.0364	-0.0130	0.0237	-0.0607	-0.5976
0.675	*******	-0.0192	0.0170	-0.0634	-0.6232
0.700	-0.0285	-0.0270	0.0154	-0.0612	-0.6633
0.725	*******	-0.0330	*******	-0.0618	-0.7003
0.750	-0.0164	-0.0401	*******	-0.0597	-0.7190
0.775	*******	-0.0449	-0.0059	-0.0689	-0.7220
0.800	0.0061	-0.0461	-0.0159	-0.0740	*******
0.825	*******	-0.0453	-0.0284	-0.0735	-0.6841
0.850	0.0369	-0.0373	-0.0353	-0.0846	-0.6598
0.875	*******	-0.0233	-0.0361	-0.0970	-0.7658
0.900	0.0799	0.0011	-0.0312	-0.0992	*******
0.925	*******	0.0320	-0.0104	-0.0858	-0.9664
0.950	0.1192	0.0618	0.0253	-0.0537	-0.3361
0.975	*******	0.1083	0.0948	0.0120	-0.1647
1.000	0.2328	0.2058	0.2014	0.1710	0.0874
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0247	-0.0028	0.0904	*******	-0.4419
-0.400	-0.0544	-0.0041	0.0377	-0.1040	-0.4752
-0.600	-0.0807	-0.0264	0.0108	-0.0840	-0.5299
-0.700	*******	-0.0619	-0.0165	-0.0830	-0.6114
-0.800	*******	*******	-0.0634	-0.1008	-0.6786
-0.850	*******	-0.0921	-0.0901	-0.1348	-0.7136
-0.900	-0.0196	-0.0649	-0.0992	-0.1651	-0.6165
-0.950	0.0190	0.0040	-0.0462	-0.1315	-0.3891
-0.975	*******	0.0469	0.0079	-0.0665	-0.2340
-1.000	0.2136	0.1971	0.1694	0.1505	0.0885



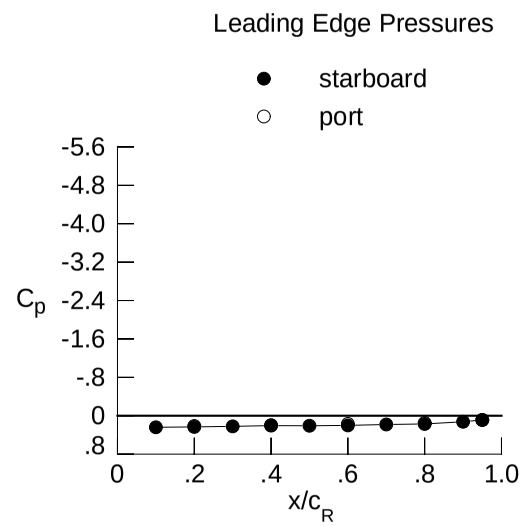
Small Radius L.E.

Run No. = 47 , Point No. = 996

C_N = -0.025, C_m = 0.0026

α = -0.7 °, M_∞ = 0.829

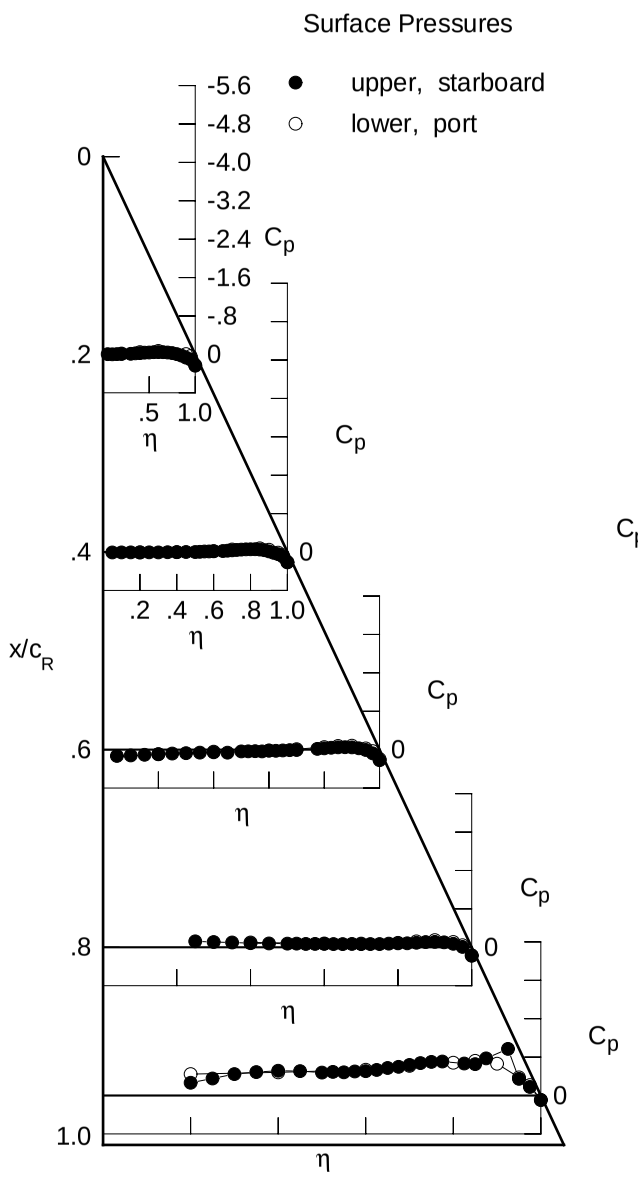
$R_{mac} = 59.5 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.2408	*******
0.20	0.2328	0.2136
0.30	0.2215	*******
0.40	0.2058	0.1971
0.50	0.2092	*******
0.60	0.2014	0.1694
0.70	0.1826	*******
0.80	0.1710	0.1505
0.90	0.1256	*******
0.95	0.0874	0.0885

Table E4. 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	-0.0048	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	-0.3542
0.300	-0.0121	0.0076	0.0735	-0.1092	-0.4464
0.350	-0.0217	0.0039	0.0623	-0.0996	-0.4881
0.400	-0.0266	0.0035	0.0553	-0.0859	-0.5159
0.450	-0.0358	-0.0010	0.0634	-0.0803	-0.5084
0.500	-0.0391	-0.0002	0.0371	-0.0758	-0.4773
0.525	*******	-0.0044	0.0355	-0.0757	-0.4920
0.550	-0.0461	-0.0111	0.0320	-0.0698	-0.4829
0.575	*******	-0.0122	0.0366	-0.0702	-0.5009
0.600	-0.0476	-0.0156	0.0213	-0.0708	-0.5069
0.625	*******	*******	0.0241	-0.0675	-0.5331
0.650	-0.0465	-0.0212	0.0167	-0.0660	-0.5735
0.675	*******	-0.0281	0.0101	-0.0695	-0.5976
0.700	-0.0392	-0.0354	0.0076	-0.0667	-0.6366
0.725	*******	-0.0429	*******	-0.0672	-0.6756
0.750	-0.0273	-0.0502	*******	-0.0668	-0.7001
0.775	*******	-0.0560	-0.0157	-0.0759	-0.7078
0.800	-0.0058	-0.0576	-0.0271	-0.0823	*******
0.825	*******	-0.0581	-0.0396	-0.0829	-0.6665
0.850	0.0245	-0.0520	-0.0484	-0.0946	-0.6533
0.875	*******	-0.0386	-0.0506	-0.1089	-0.7732
0.900	0.0672	-0.0140	-0.0473	-0.1131	*******
0.925	*******	0.0161	-0.0280	-0.1031	-0.9715
0.950	0.1060	0.0448	0.0067	-0.0727	-0.3469
0.975	*******	0.0919	0.0764	-0.0082	-0.1787
1.000	0.2358	0.2154	0.2203	0.1771	0.0918
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0177	0.0029	0.0944	*******	-0.4460
-0.400	-0.0471	0.0014	0.0422	-0.1003	-0.4827
-0.600	-0.0720	-0.0191	0.0167	-0.0790	-0.5368
-0.700	*******	-0.0528	-0.0096	-0.0771	-0.6174
-0.800	*******	*******	-0.0529	-0.0925	-0.6830
-0.850	*******	-0.0773	-0.0771	-0.1234	-0.7226
-0.900	-0.0061	-0.0478	-0.0827	-0.1492	-0.6622
-0.950	0.0326	0.0125	-0.0258	-0.1107	-0.3772
-0.975	*******	0.0663	0.0306	-0.0434	-0.2178
-1.000	0.2219	0.2099	0.1952	0.1661	0.0939



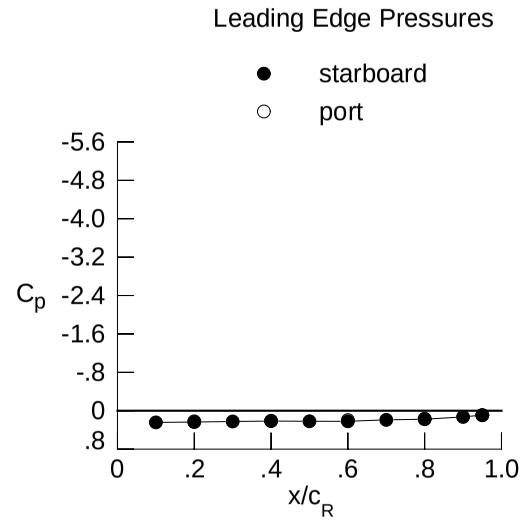
Small Radius L.E.

Run No. = 47 , Point No. = 997

C_N = -0.011, C_m = 0.0002

α = -0.3 °, M_∞ = 0.829

$R_{mac} = 59.5 \times 10^6$

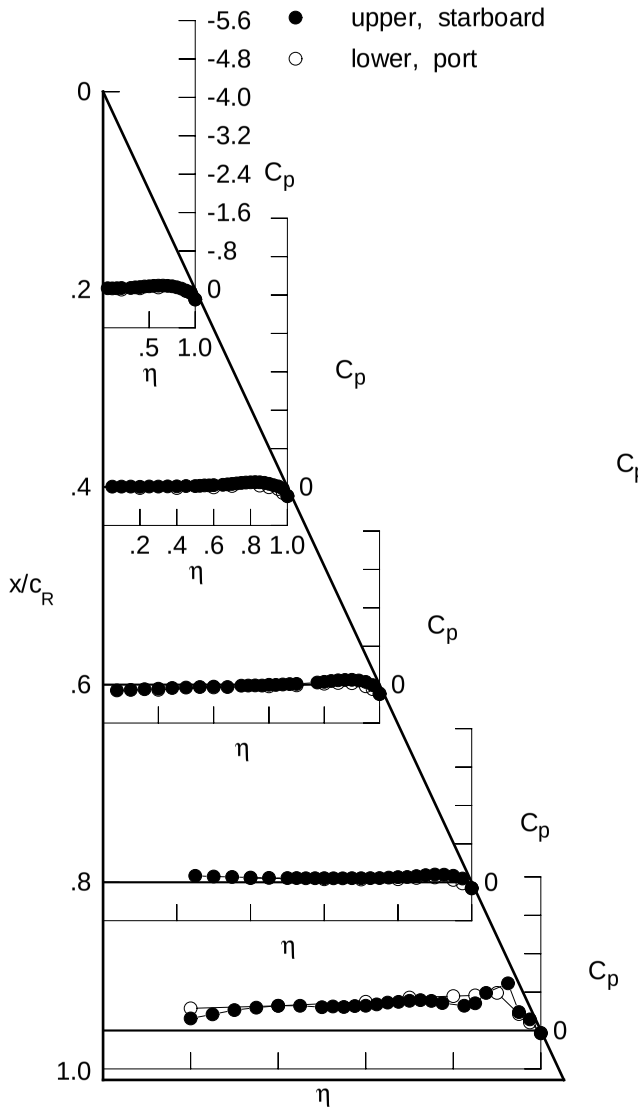


x/c_R	starb'd C_p	port C_p
0.10	0.2434	*******
0.20	0.2358	0.2219
0.30	0.2241	*******
0.40	0.2154	0.2099
0.50	0.2197	*******
0.60	0.2203	0.1952
0.70	0.1902	*******
0.80	0.1771	0.1661
0.90	0.1286	*******
0.95	0.0918	0.0939

Table E4. 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	-0.0236	-0.0077	0.1202	*******	*******
0.100	-0.0210	-0.0087	0.1095	*******	*******
0.150	-0.0244	-0.0097	0.0954	*******	*******
0.200	-0.0284	-0.0051	0.0844	*******	-0.2511
0.250	*******	-0.0110	0.0697	-0.1342	-0.3365
0.300	-0.0297	-0.0100	0.0605	-0.1196	-0.4256
0.350	-0.0425	-0.0139	0.0495	-0.1114	-0.4761
0.400	-0.0483	-0.0144	0.0414	-0.0983	-0.5164
0.450	-0.0599	-0.0207	0.0496	-0.0924	-0.5156
0.500	-0.0645	-0.0203	0.0218	-0.0884	-0.4858
0.525	*******	-0.0252	0.0194	-0.0881	-0.5007
0.550	-0.0736	-0.0335	0.0156	-0.0837	-0.4902
0.575	*******	-0.0346	0.0194	-0.0845	-0.5096
0.600	-0.0775	-0.0394	0.0029	-0.0856	-0.5162
0.625	*******	*******	0.0055	-0.0833	-0.5437
0.650	-0.0788	-0.0467	-0.0033	-0.0822	-0.5814
0.675	*******	-0.0557	-0.0109	-0.0855	-0.5970
0.700	-0.0736	-0.0649	-0.0153	-0.0846	-0.6190
0.725	*******	-0.0751	*******	-0.0862	-0.6328
0.750	-0.0644	-0.0854	*******	-0.0881	-0.6165
0.775	*******	-0.0932	-0.0442	-0.0976	-0.5717
0.800	-0.0441	-0.0983	-0.0584	-0.1082	*******
0.825	*******	-0.1023	-0.0764	-0.1106	-0.5157
0.850	-0.0162	-0.0989	-0.0901	-0.1285	-0.5674
0.875	*******	-0.0879	-0.0978	-0.1486	-0.7829
0.900	0.0248	-0.0670	-0.1006	-0.1614	*******
0.925	*******	-0.0386	-0.0865	-0.1583	-0.9831
0.950	0.0615	-0.0136	-0.0565	-0.1362	-0.3844
0.975	*******	0.0307	0.0095	-0.0783	-0.2322
1.000	0.2109	0.1828	0.1980	0.1197	0.0593
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0040	0.0210	0.1082	*******	-0.4616
-0.400	-0.0228	0.0209	0.0578	-0.0875	-0.5146
-0.600	-0.0405	0.0061	0.0352	-0.0631	-0.5980
-0.700	*******	-0.0220	0.0143	-0.0584	-0.6860
-0.800	*******	*******	-0.0201	-0.0647	-0.7165
-0.850	*******	-0.0305	-0.0355	-0.0904	-0.7313
-0.900	0.0348	0.0041	-0.0304	-0.1016	-0.7838
-0.950	0.0749	0.0407	0.0337	-0.0495	-0.3423
-0.975	*******	0.1224	0.0938	0.0222	-0.1677
-1.000	0.2080	0.1918	0.1836	0.1280	0.0490

Surface Pressures



Small Radius L.E.

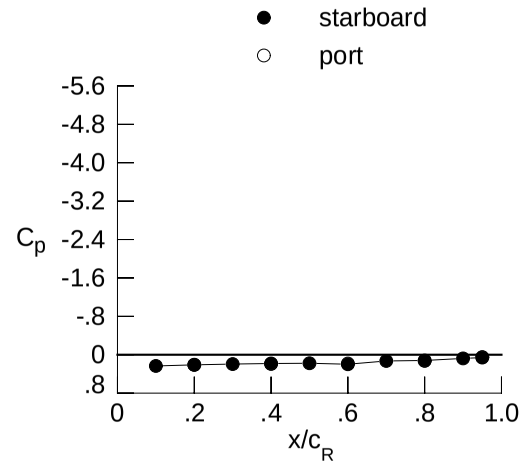
Run No. = 47 , Point No. = 998

C_N = 0.029, C_m = -0.0064

α = 0.7 °, M_∞ = 0.828

$R_{mac} = 59.5 \times 10^6$

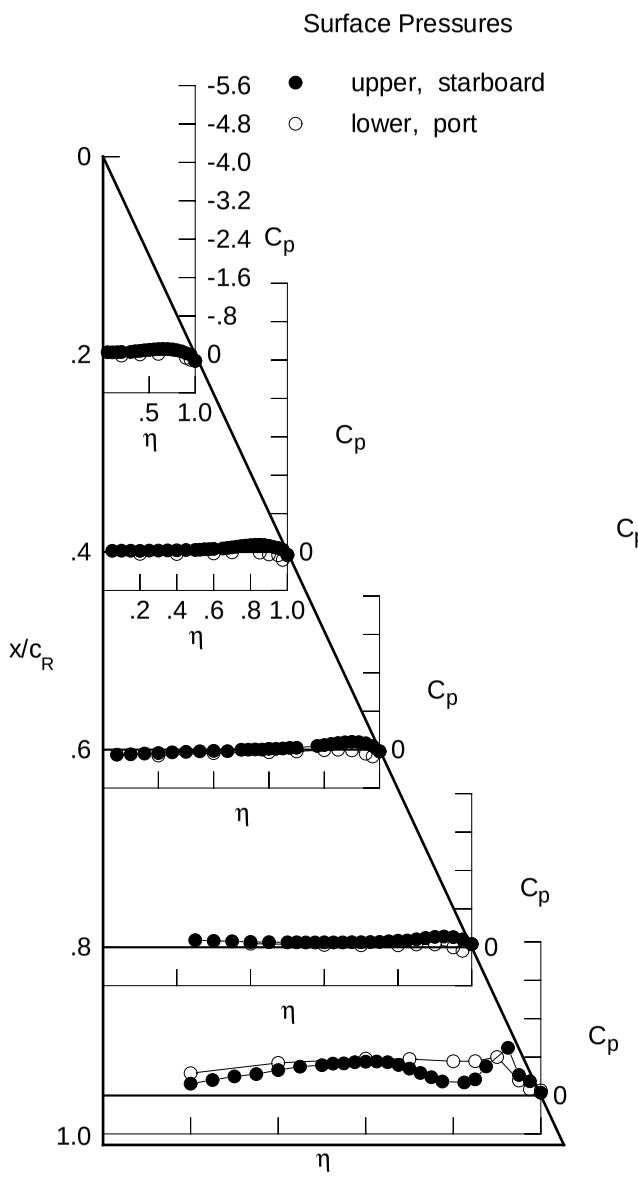
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2339	*******
0.20	0.2109	0.2080
0.30	0.1943	*******
0.40	0.1828	0.1918
0.50	0.1777	*******
0.60	0.1980	0.1836
0.70	0.1299	*******
0.80	0.1197	0.1280
0.90	0.0771	*******
0.95	0.0593	0.0490

Table E4. 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	-0.0447	-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



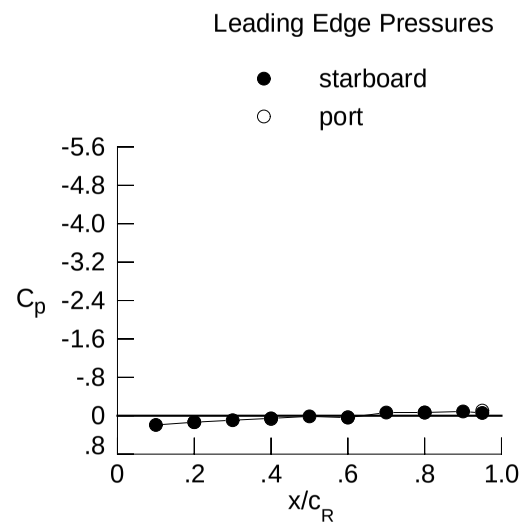
Small Radius L.E.

Run No. = 47 , Point No. = 999

C_N = 0.069, C_m = -0.0119

α = 1.8 °, M_∞ = 0.829

$R_{mac} = 59.6 \times 10^6$

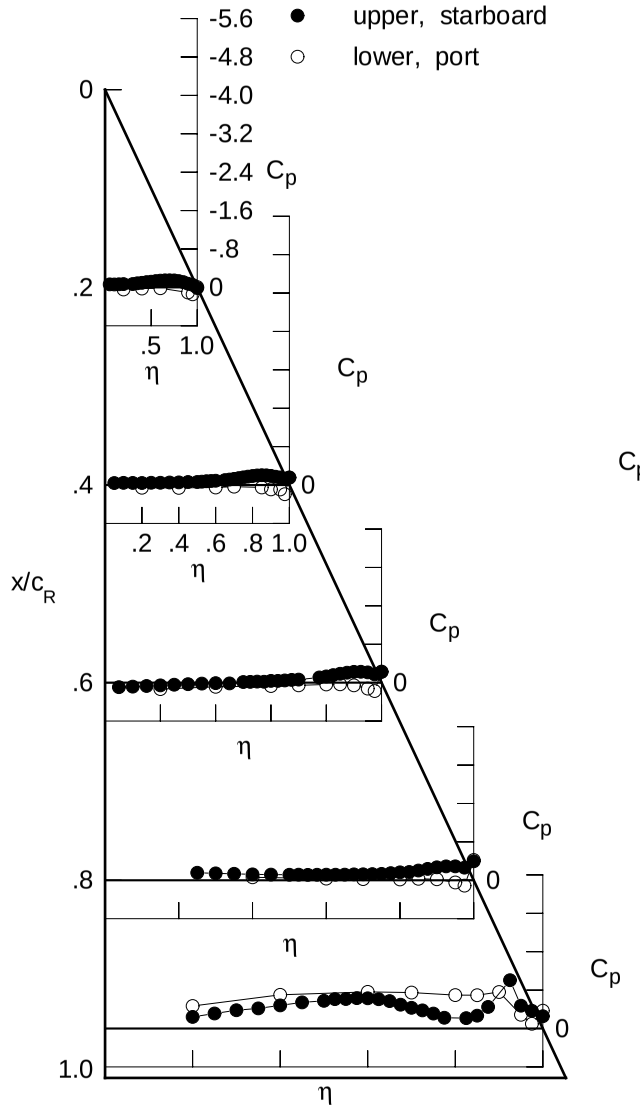


x/c_R	starb'd C_p	port C_p
0.10	0.1922	*******
0.20	0.1350	0.1325
0.30	0.0932	*******
0.40	0.0545	0.0673
0.50	0.0136	*******
0.60	0.0400	0.0307
0.70	-0.0664	*******
0.80	-0.0676	-0.0648
0.90	-0.0889	*******
0.95	-0.0580	-0.1069

Table E4. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.0631	-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	*******	-0.2412
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	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

Surface Pressures



Small Radius L.E.

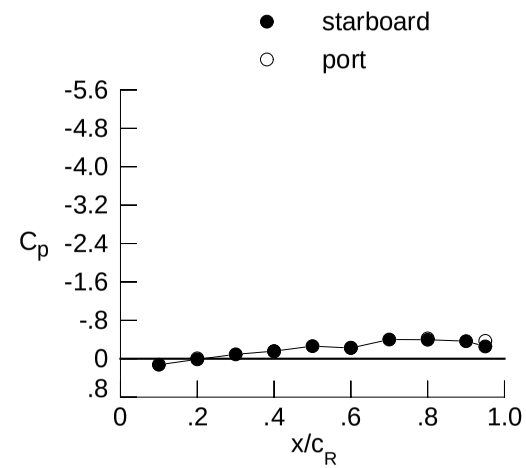
Run No. = 47 , Point No. = 1000

C_N = 0.110, C_m = -0.0183

α = 2.9 °, M_∞ = 0.829

R_{mac} = 59.6×10^6

Leading Edge Pressures

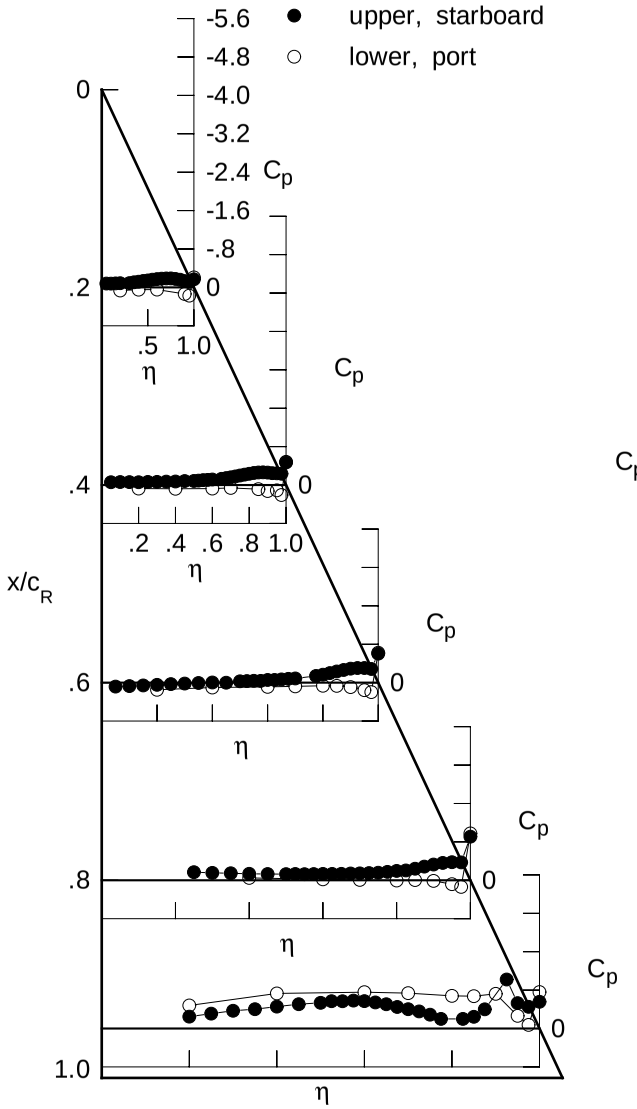


x/c_R	starb'd C_p	port C_p
0.10	0.1251	*******
0.20	0.0131	-0.0083
0.30	-0.0914	*******
0.40	-0.1584	-0.1530
0.50	-0.2624	*******
0.60	-0.2234	-0.2302
0.70	-0.4004	*******
0.80	-0.3962	-0.4232
0.90	-0.3660	*******
0.95	-0.2558	-0.3714

Table E4. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.0802	-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	*******	-0.2470
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-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

Surface Pressures



Small Radius L.E.

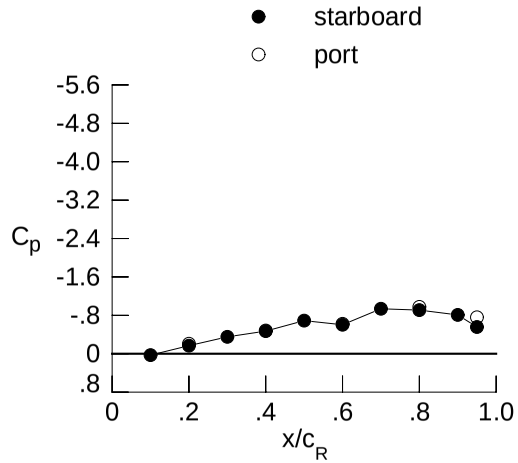
Run No. = 47 , Point No. = 1001

C_N = 0.148, C_m = -0.0227

α = 3.9 °, M_∞ = 0.829

R_{mac} = 59.6×10^6

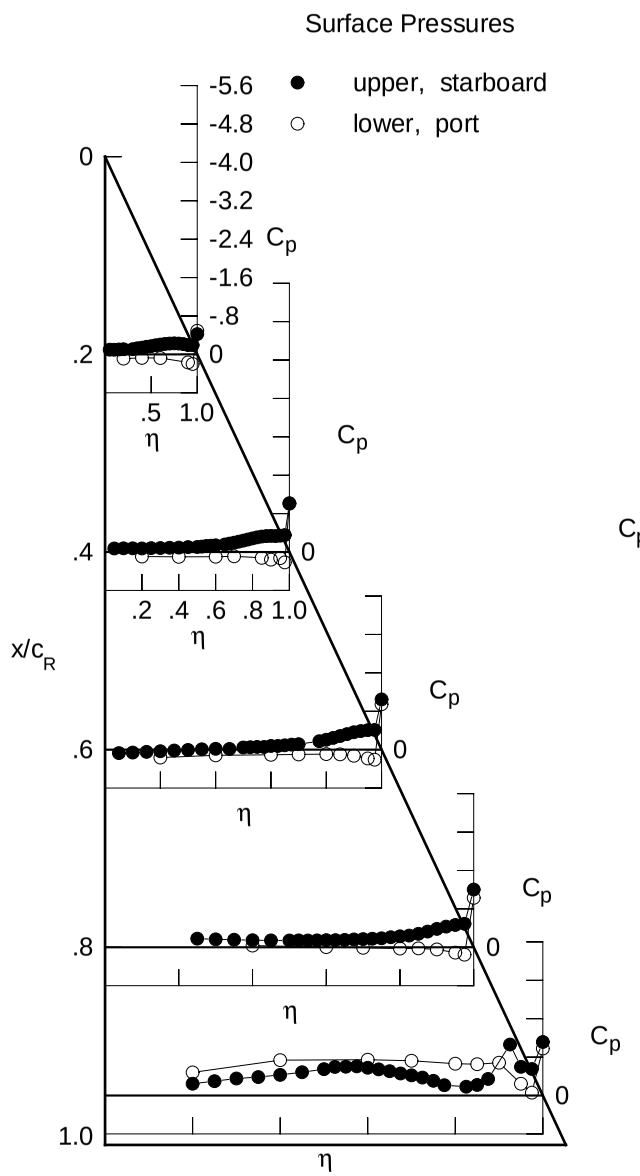
Leading Edge Pressures



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

Table E4. 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	-0.0986	-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	*******	-0.2460
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0878	0.0935	0.1651	*******	-0.4810
-0.400	0.0724	0.1000	0.1184	-0.0360	-0.7367
-0.600	0.0756	0.0980	0.1072	-0.0040	-0.7456
-0.700	*******	0.0886	0.0999	0.0100	-0.7240
-0.800	*******	*******	0.0929	0.0265	-0.6626
-0.850	*******	0.1206	0.0984	0.0225	-0.6523
-0.900	0.1670	0.1587	0.1274	0.0450	-0.6830
-0.950	0.1989	0.1268	0.1842	0.1108	-0.2450
-0.975	*******	0.2155	0.2092	0.1536	-0.0599
-1.000	-0.4918	-1.0174	-0.9466	-1.0293	-0.9790



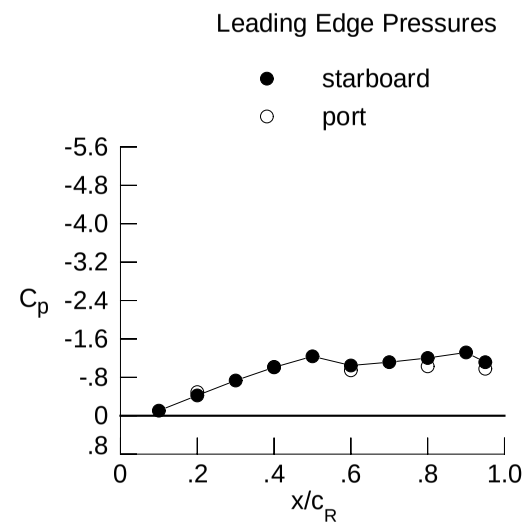
Small Radius L.E.

Run No. = 47 , Point No. = 1002

C_N = 0.193, C_m = -0.0311

α = 5.0 °, M_∞ = 0.828

$R_{mac} = 59.6 \times 10^6$

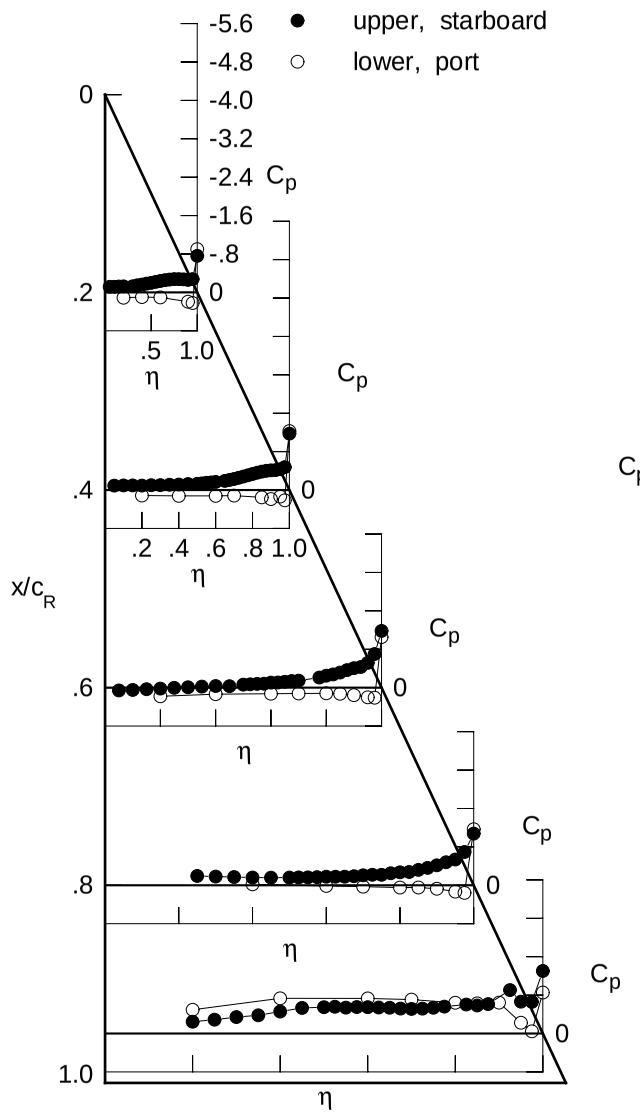


x/c_R	starb'd C_p	port C_p
0.10	-0.1056	*******
0.20	-0.4224	-0.4918
0.30	-0.7339	*******
0.40	-1.0083	-1.0174
0.50	-1.2378	*******
0.60	-1.0463	-0.9466
0.70	-1.1156	*******
0.80	-1.2030	-1.0293
0.90	-1.3182	*******
0.95	-1.1153	-0.9790

Table E4. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.1167	-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	*******	-0.2455
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1110	0.1143	0.1802	*******	-0.4944
-0.400	0.0978	0.1217	0.1363	-0.0202	-0.7332
-0.600	0.1047	0.1219	0.1267	0.0140	-0.7310
-0.700	*******	0.1164	0.1213	0.0287	-0.7068
-0.800	*******	*******	0.1188	0.0474	-0.6405
-0.850	*******	0.1528	0.1275	0.0466	-0.6279
-0.900	0.1942	0.1882	0.1557	0.0720	-0.6428
-0.950	0.2213	0.1359	0.2020	0.1320	-0.2244
-0.975	*******	0.2144	0.2095	0.1586	-0.0459
-1.000	-0.9005	-1.2286	-1.0531	-1.1682	-0.8535

Surface Pressures



Small Radius L.E.

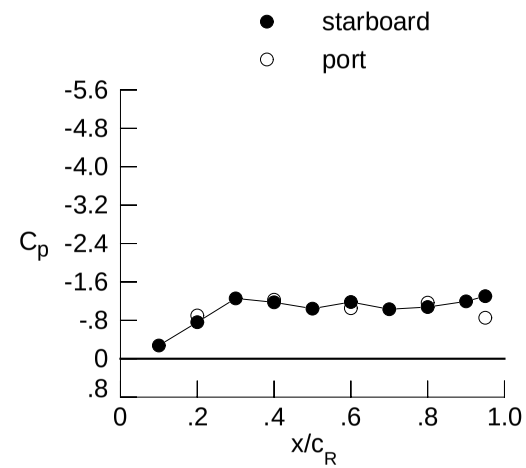
Run No. = 47 , Point No. = 1003

C_N = 0.245, C_m = -0.0432

α = 6.0 °, M_∞ = 0.829

R_{mac} = 59.7×10^6

Leading Edge Pressures

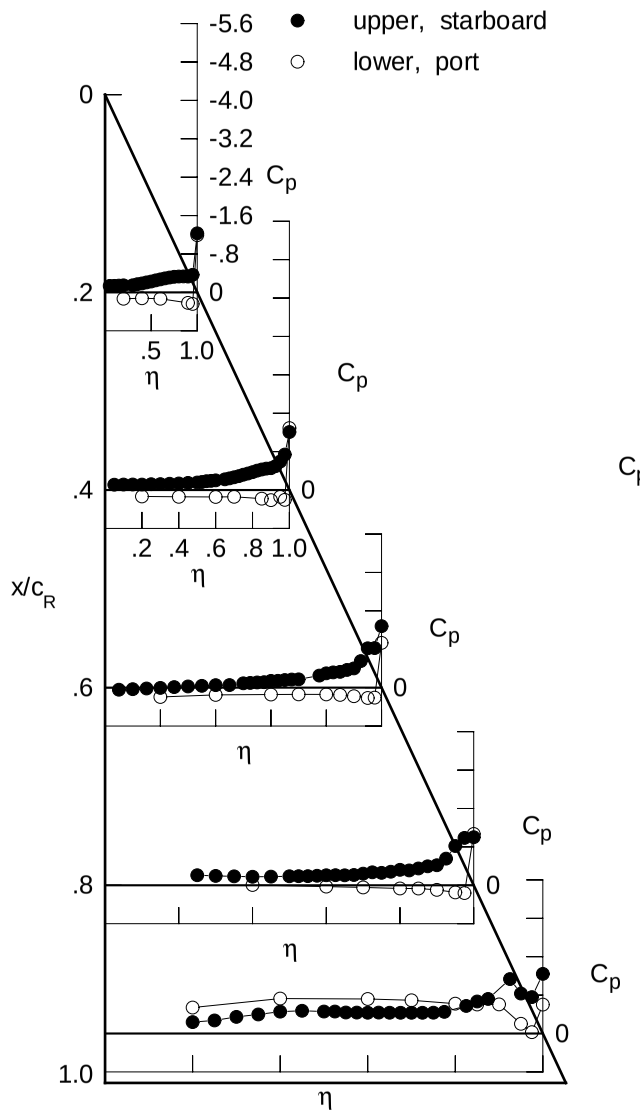


x/c_R	starb'd C_p	port C_p
0.10	-0.2753	*******
0.20	-0.7608	-0.9005
0.30	-1.2571	*******
0.40	-1.1753	-1.2286
0.50	-1.0435	*******
0.60	-1.1819	-1.0531
0.70	-1.0308	*******
0.80	-1.0764	-1.1682
0.90	-1.1952	*******
0.95	-1.3031	-0.8535

Table E4. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.1349	-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	*******	-0.2375
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1323	0.1333	0.1945	*******	-0.5406
-0.400	0.1220	0.1407	0.1510	-0.0060	-0.7281
-0.600	0.1323	0.1443	0.1432	0.0271	-0.7193
-0.700	*******	0.1407	0.1403	0.0446	-0.6924
-0.800	*******	*******	0.1409	0.0662	-0.6214
-0.850	*******	0.1797	0.1514	0.0675	-0.6049
-0.900	0.2186	0.2103	0.1787	0.0949	-0.6067
-0.950	0.2400	0.1414	0.2150	0.1480	-0.2024
-0.975	*******	0.2048	0.2081	0.1618	-0.0283
-1.000	-1.1921	-1.2908	-0.9326	-1.0698	-0.6024

Surface Pressures



Small Radius L.E.

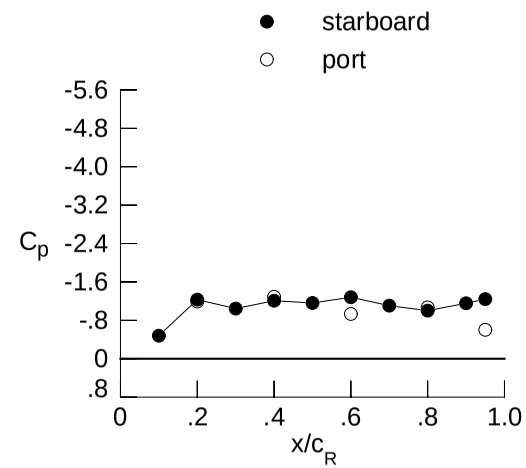
Run No. = 47 , Point No. = 1004

C_N = 0.294, C_m = -0.0518

α = 7.1 °, M_∞ = 0.829

R_{mac} = 59.7×10^6

Leading Edge Pressures

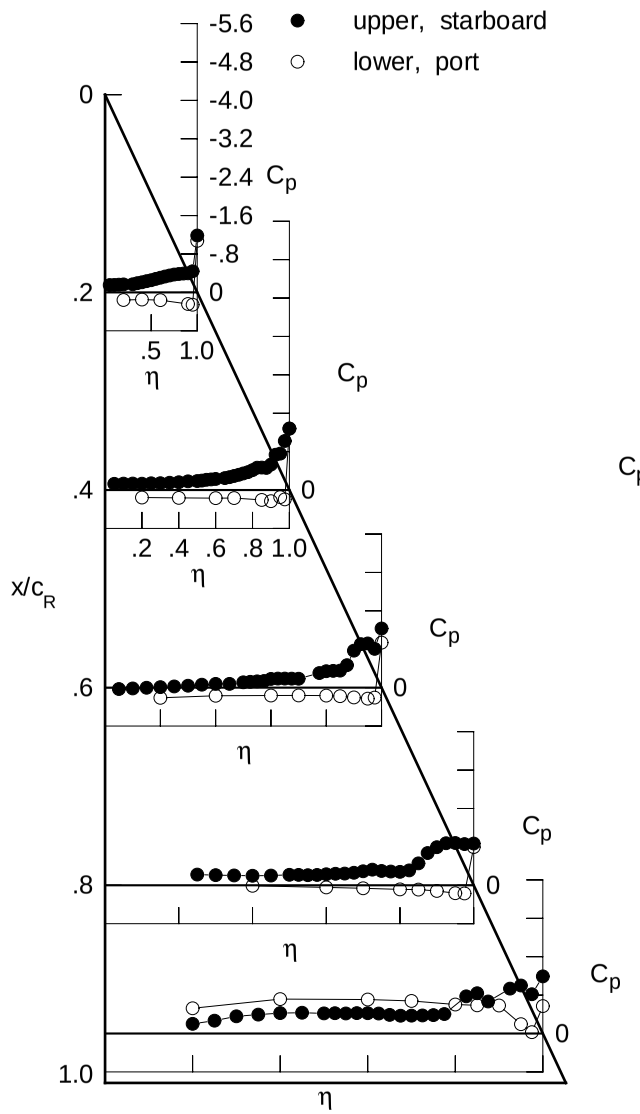


x/c_R	starb'd C_p	port C_p
0.10	-0.4798	*******
0.20	-1.2304	-1.1921
0.30	-1.0451	*******
0.40	-1.2086	-1.2908
0.50	-1.1613	*******
0.60	-1.2808	-0.9326
0.70	-1.1058	*******
0.80	-1.0018	-1.0698
0.90	-1.1556	*******
0.95	-1.2423	-0.6024

Table E4. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.1529	-0.1293	0.0285	*******	*******
0.100	-0.1546	-0.1337	0.0165	*******	*******
0.150	-0.1608	-0.1355	0.0023	*******	*******
0.200	-0.1661	-0.1322	-0.0104	*******	-0.2015
0.250	*******	-0.1408	-0.0248	-0.2234	-0.2675
0.300	-0.1691	-0.1427	-0.0399	-0.2109	-0.3585
0.350	-0.1920	-0.1521	-0.0613	-0.2050	-0.3936
0.400	-0.2100	-0.1620	-0.0780	-0.1986	-0.4253
0.450	-0.2332	-0.1813	-0.0782	-0.2024	-0.4331
0.500	-0.2537	-0.1875	-0.1108	-0.2180	-0.4189
0.525	*******	-0.1964	-0.1219	-0.2165	-0.4234
0.550	-0.2810	-0.2135	-0.1312	-0.2105	-0.4176
0.575	*******	-0.2210	-0.1388	-0.2153	-0.4247
0.600	-0.3054	-0.2310	-0.1816	-0.2297	-0.4233
0.625	*******	*******	-0.1886	-0.2402	-0.4157
0.650	-0.3306	-0.2486	-0.1891	-0.2443	-0.3878
0.675	*******	-0.2677	-0.1875	-0.2606	-0.3703
0.700	-0.3522	-0.2926	-0.1860	-0.2917	-0.3721
0.725	*******	-0.3177	*******	-0.3252	-0.3763
0.750	-0.3724	-0.3458	*******	-0.2988	-0.3829
0.775	*******	-0.3730	-0.3037	-0.2860	-0.4054
0.800	-0.3831	-0.4146	-0.3423	-0.2798	*******
0.825	*******	-0.4657	-0.3495	-0.3102	-0.7745
0.850	-0.3921	-0.4678	-0.3542	-0.4570	-0.8393
0.875	*******	-0.4612	-0.4679	-0.6720	-0.6672
0.900	-0.3966	-0.5312	-0.7705	-0.7939	*******
0.925	*******	-0.7355	-0.9066	-0.8761	-0.9352
0.950	-0.4405	-0.7584	-0.9208	-0.8805	-0.9996
0.975	*******	-1.0223	-0.8079	-0.8583	-0.8185
1.000	-1.1847	-1.2816	-1.2322	-0.8696	-1.1902
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1586	0.1558	0.2119	*******	-0.5254
-0.400	0.1491	0.1635	0.1691	0.0101	-0.7171
-0.600	0.1618	0.1692	0.1640	0.0442	-0.7078
-0.700	*******	0.1671	0.1623	0.0624	-0.6787
-0.800	*******	*******	0.1656	0.0857	-0.6044
-0.850	*******	0.2062	0.1776	0.0897	-0.5874
-0.900	0.2418	0.2319	0.2037	0.1180	-0.5829
-0.950	0.2568	0.1473	0.2294	0.1651	-0.1941
-0.975	*******	0.1947	0.2075	0.1692	-0.0277
-1.000	-1.0741	-1.2782	-0.9377	-0.7960	-0.5711

Surface Pressures



Small Radius L.E.

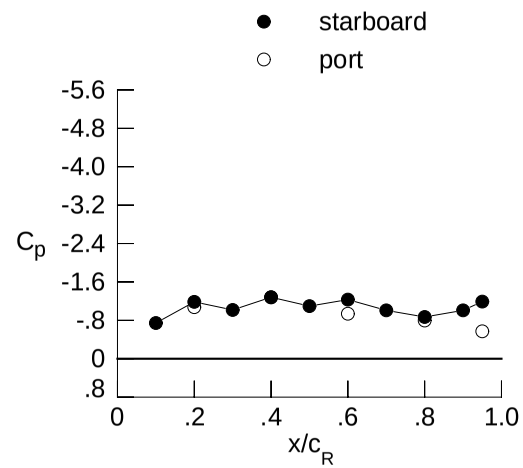
Run No. = 47 , Point No. = 1005

C_N = 0.350, C_m = -0.0634

α = 8.1 °, M_∞ = 0.827

R_{mac} = 59.5×10^6

Leading Edge Pressures

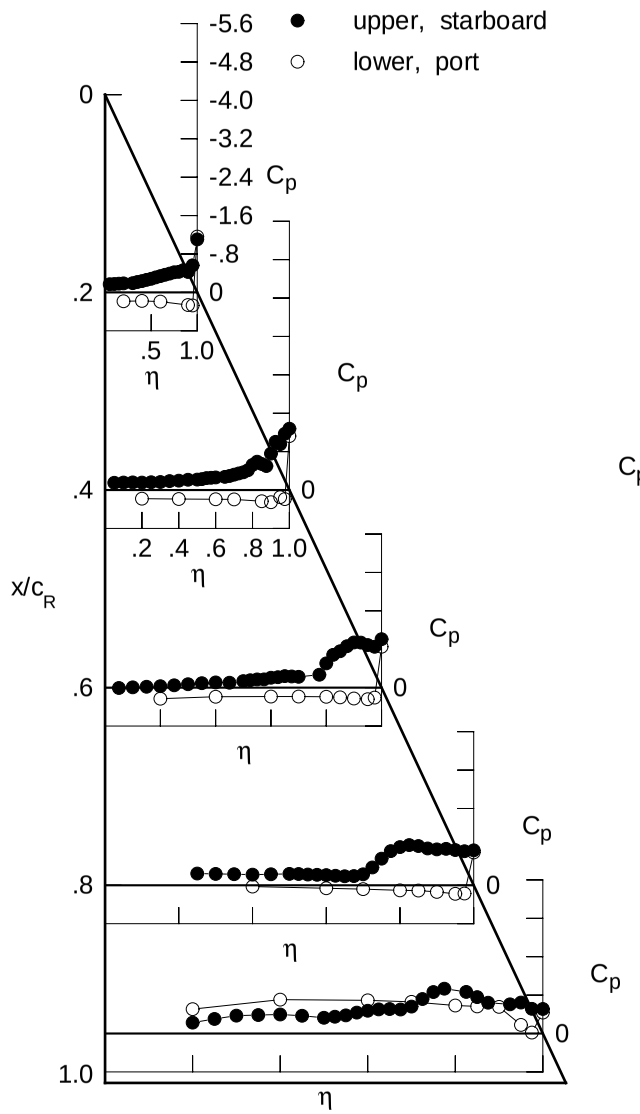


x/c_R	starb'd C_p	port C_p
0.10	-0.7439	*******
0.20	-1.1847	-1.0741
0.30	-1.0163	*******
0.40	-1.2816	-1.2782
0.50	-1.0960	*******
0.60	-1.2322	-0.9377
0.70	-1.0076	*******
0.80	-0.8696	-0.7960
0.90	-1.0080	*******
0.95	-1.1902	-0.5711

Table E4. 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	-0.1705	-0.1514	0.0073	*******	*******
0.100	-0.1741	-0.1562	-0.0063	*******	*******
0.150	-0.1818	-0.1595	-0.0180	*******	*******
0.200	-0.1881	-0.1551	-0.0300	*******	-0.2267
0.250	*******	-0.1622	-0.0487	-0.2445	-0.3034
0.300	-0.1917	-0.1675	-0.0709	-0.2371	-0.3718
0.350	-0.2157	-0.1860	-0.0928	-0.2309	-0.3850
0.400	-0.2349	-0.1952	-0.1089	-0.2215	-0.3963
0.450	-0.2607	-0.2148	-0.1025	-0.2296	-0.3696
0.500	-0.2835	-0.2178	-0.1361	-0.2374	-0.3281
0.525	*******	-0.2273	-0.1544	-0.2351	-0.3496
0.550	-0.3127	-0.2486	-0.1715	-0.2243	-0.3779
0.575	*******	-0.2552	-0.1722	-0.2185	-0.4352
0.600	-0.3394	-0.2623	-0.2062	-0.2118	-0.4740
0.625	*******	*******	-0.2176	-0.1981	-0.5026
0.650	-0.3661	-0.2747	-0.2398	-0.1882	-0.5095
0.675	*******	-0.2928	-0.2332	-0.1921	-0.4998
0.700	-0.3912	-0.3196	-0.2256	-0.2284	-0.5610
0.725	*******	-0.3458	*******	-0.3716	-0.7186
0.750	-0.4191	-0.3697	*******	-0.5547	-0.8642
0.775	*******	-0.4119	-0.2691	-0.7119	-0.9340
0.800	-0.4283	-0.5229	-0.5056	-0.7962	*******
0.825	*******	-0.5905	-0.6832	-0.8372	-0.8666
0.850	-0.4637	-0.5428	-0.7580	-0.8172	-0.7584
0.875	*******	-0.5000	-0.8629	-0.7672	-0.6420
0.900	-0.4252	-0.7590	-0.9406	-0.7479	*******
0.925	*******	-1.0044	-0.9384	-0.7594	-0.6076
0.950	-0.5637	-0.9559	-0.8875	-0.7343	-0.6447
0.975	*******	-1.1715	-0.8510	-0.7094	-0.5142
1.000	-1.1036	-1.2774	-1.0098	-0.7276	-0.5113
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1850	0.1797	0.2307	*******	-0.5075
-0.400	0.1778	0.1876	0.1893	0.0266	-0.7056
-0.600	0.1921	0.1923	0.1853	0.0617	-0.6912
-0.700	*******	0.1950	0.1854	0.0802	-0.6594
-0.800	*******	*******	0.1901	0.1053	-0.5836
-0.850	*******	0.2332	0.2025	0.1099	-0.5648
-0.900	0.2635	0.2536	0.2263	0.1377	-0.5552
-0.950	0.2720	0.1478	0.2407	0.1774	-0.1795
-0.975	*******	0.1889	0.2071	0.1711	-0.0197
-1.000	-1.1623	-1.1236	-0.8518	-0.6843	-0.4363

Surface Pressures



Small Radius L.E.

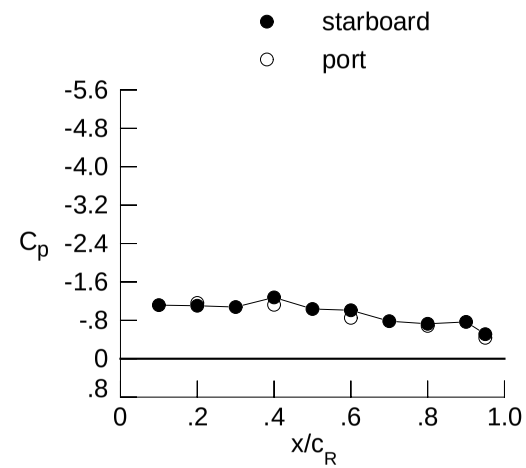
Run No. = 47 , Point No. = 1006

C_N = 0.415, C_m = -0.0775

α = 9.2 °, M_∞ = 0.829

R_{mac} = 59.6×10^6

Leading Edge Pressures

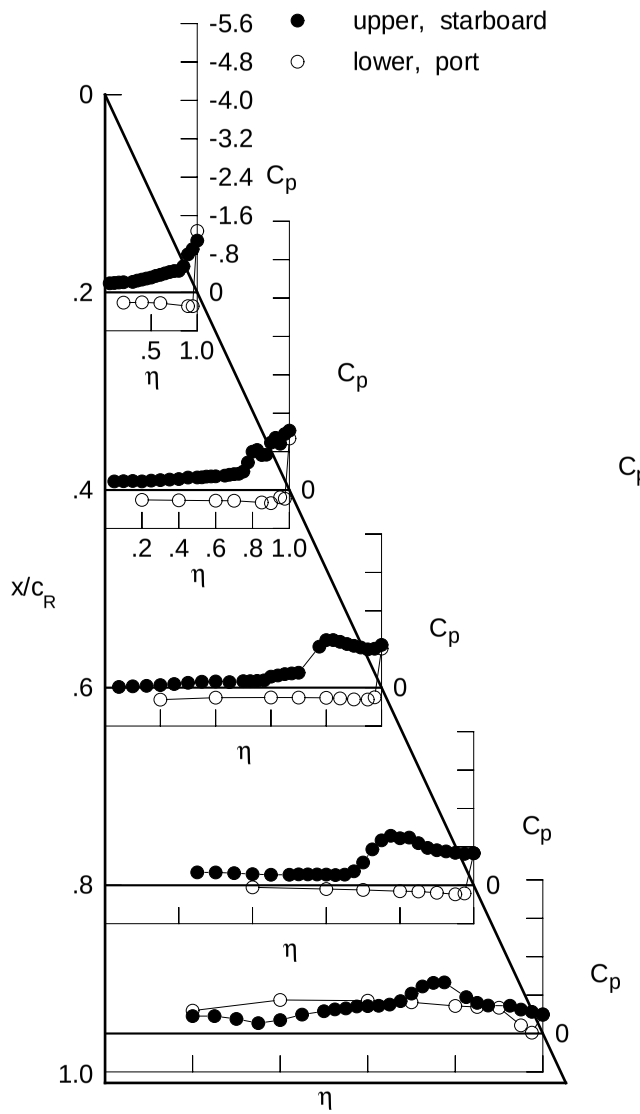


x/c_R	starb'd C_p	port C_p
0.10	-1.1164	*******
0.20	-1.1036	-1.1623
0.30	-1.0770	*******
0.40	-1.2774	-1.1236
0.50	-1.0360	*******
0.60	-1.0098	-0.8518
0.70	-0.7821	*******
0.80	-0.7276	-0.6843
0.90	-0.7668	*******
0.95	-0.5113	-0.4363

Table E4. 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	-0.1895	-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	*******	-0.3627
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2139	0.2053	0.2506	*******	-0.4762
-0.400	0.2074	0.2143	0.2090	0.0430	-0.6987
-0.600	0.2234	0.2219	0.2058	0.0781	-0.6832
-0.700	*******	0.2228	0.2068	0.0971	-0.6505
-0.800	*******	*******	0.2124	0.1239	-0.5734
-0.850	*******	0.2590	0.2247	0.1291	-0.5527
-0.900	0.2866	0.2738	0.2452	0.1557	-0.5369
-0.950	0.2872	0.1514	0.2482	0.1877	-0.1700
-0.975	*******	0.1815	0.2019	0.1698	-0.0174
-1.000	-1.2790	-1.0739	-0.8125	-0.6662	-0.3890

Surface Pressures



Small Radius L.E.

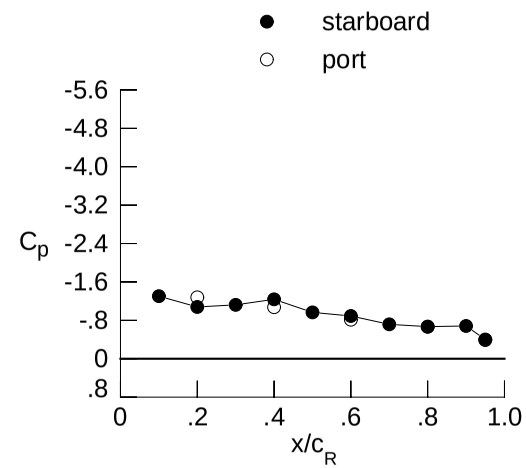
Run No. = 47 , Point No. = 1007

C_N = 0.477, C_m = -0.0878

α = 10.2 °, M_∞ = 0.829

R_{mac} = 59.6×10^6

Leading Edge Pressures

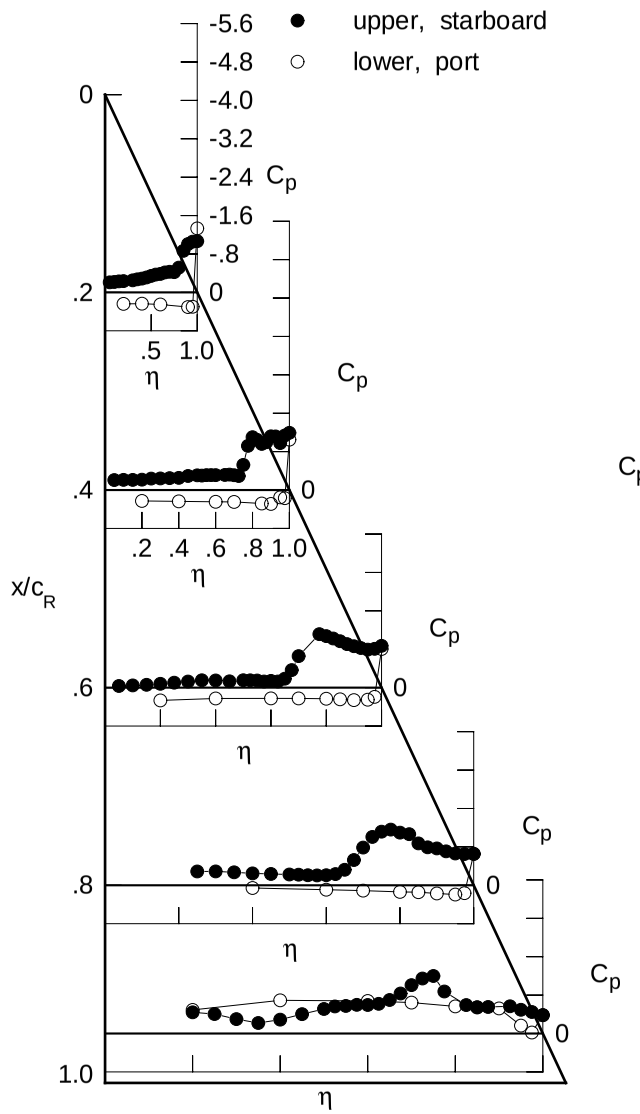


x/c_R	starb'd C_p	port C_p
0.10	-1.3036	*******
0.20	-1.0786	-1.2790
0.30	-1.1226	*******
0.40	-1.2375	-1.0739
0.50	-0.9654	*******
0.60	-0.8904	-0.8125
0.70	-0.7165	*******
0.80	-0.6687	-0.6662
0.90	-0.6821	*******
0.95	-0.4010	-0.3890

Table E4. 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	-0.2096	-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	*******	-0.4414
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2392	0.2273	0.2663	*******	-0.4912
-0.400	0.2355	0.2361	0.2257	0.0566	-0.6915
-0.600	0.2519	0.2450	0.2240	0.0921	-0.6777
-0.700	*******	0.2476	0.2246	0.1114	-0.6444
-0.800	*******	*******	0.2313	0.1377	-0.5647
-0.850	*******	0.2805	0.2431	0.1442	-0.5426
-0.900	0.3052	0.2894	0.2601	0.1704	-0.5222
-0.950	0.2991	0.1528	0.2514	0.1928	-0.1650
-0.975	*******	0.1699	0.1917	0.1638	-0.0211
-1.000	-1.3325	-1.0495	-0.8045	-0.6511	-0.3802

Surface Pressures



Small Radius L.E.

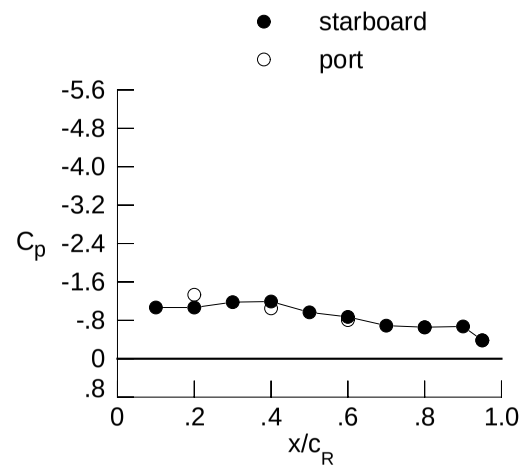
Run No. = 47 , Point No. = 1008

C_N = 0.533, C_m = -0.0954

α = 11.3 °, M_∞ = 0.827

$R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

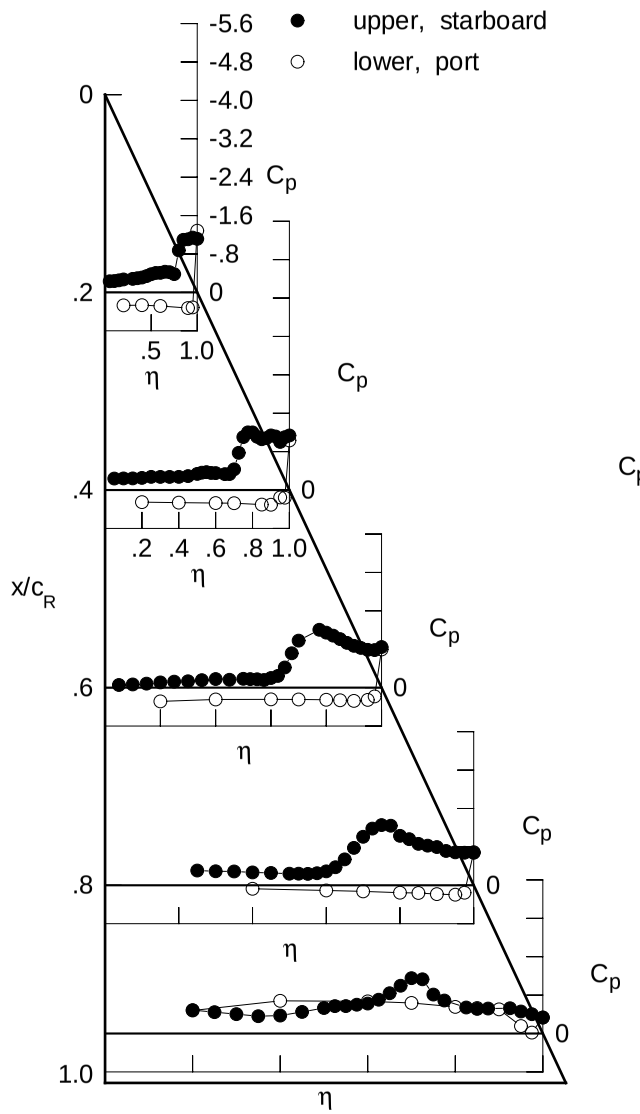


x/c_R	starb'd C_p	port C_p
0.10	-1.0672	*******
0.20	-1.0665	-1.3325
0.30	-1.1788	*******
0.40	-1.1919	-1.0495
0.50	-0.9661	*******
0.60	-0.8711	-0.8045
0.70	-0.6891	*******
0.80	-0.6569	-0.6511
0.90	-0.6718	*******
0.95	-0.3850	-0.3802

Table E4. 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	-0.2320	-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	*******	-0.4875
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2706	0.2523	0.2865	*******	-0.4789
-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

Surface Pressures



Small Radius L.E.

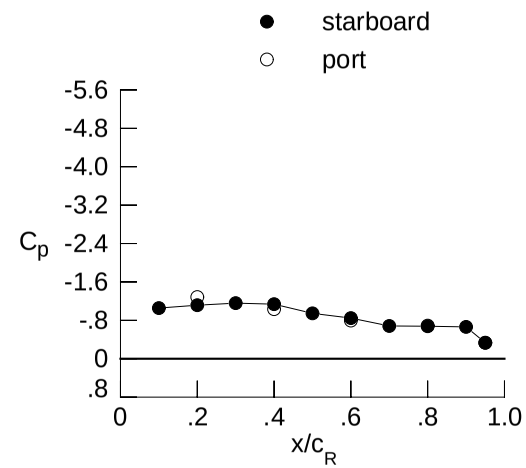
Run No. = 47 , Point No. = 1009

C_N = 0.592, C_m = -0.1029

α = 12.4 °, M_∞ = 0.829

R_{mac} = 59.6×10^6

Leading Edge Pressures

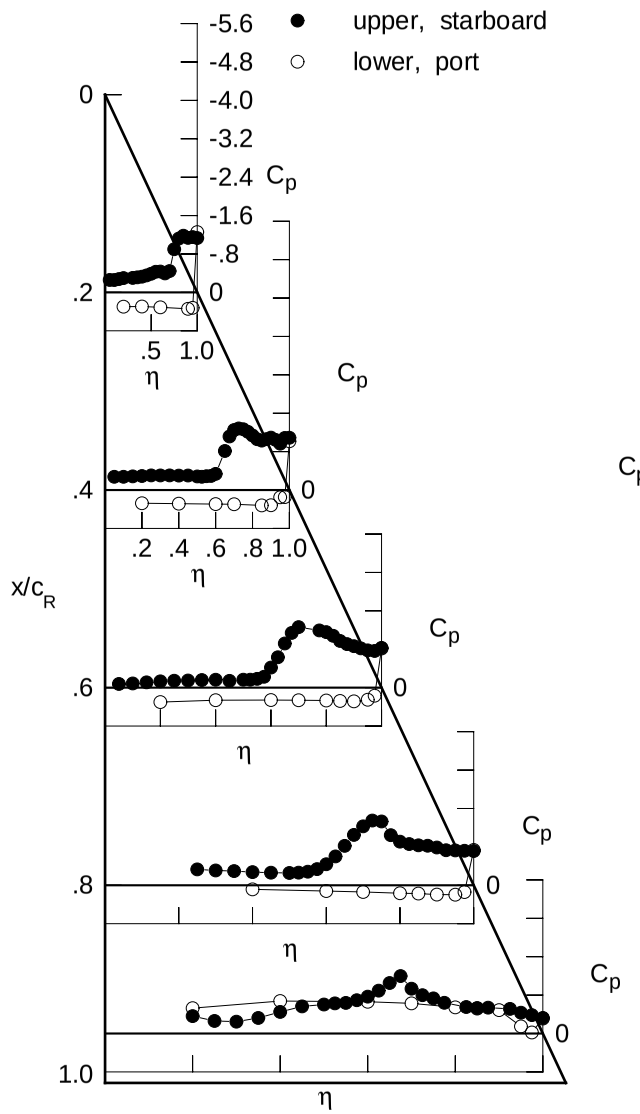


x/c_R	starb'd C_p	port C_p
0.10	-1.0556	*******
0.20	-1.1151	-1.2849
0.30	-1.1581	*******
0.40	-1.1367	-1.0328
0.50	-0.9455	*******
0.60	-0.8467	-0.7948
0.70	-0.6827	*******
0.80	-0.6770	-0.6896
0.90	-0.6632	*******
0.95	-0.3327	-0.3328

Table E4. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,u
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	*******	-0.3624
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
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2975	0.2750	0.3009	*******	-0.5281
-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

Surface Pressures



Small Radius L.E.

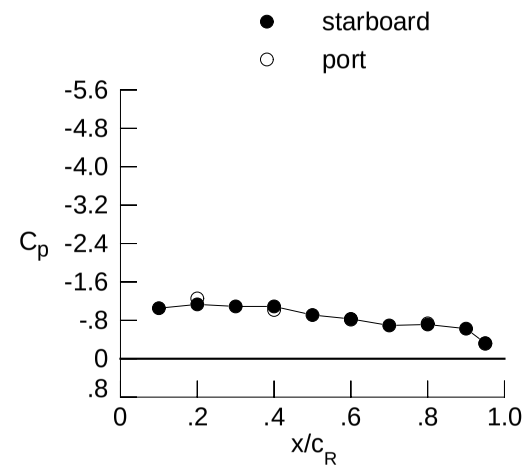
Run No. = 47 , Point No. = 1010

C_N = 0.644, C_m = -0.1071

α = 13.4 °, M_∞ = 0.832

R_{mac} = 59.6×10^6

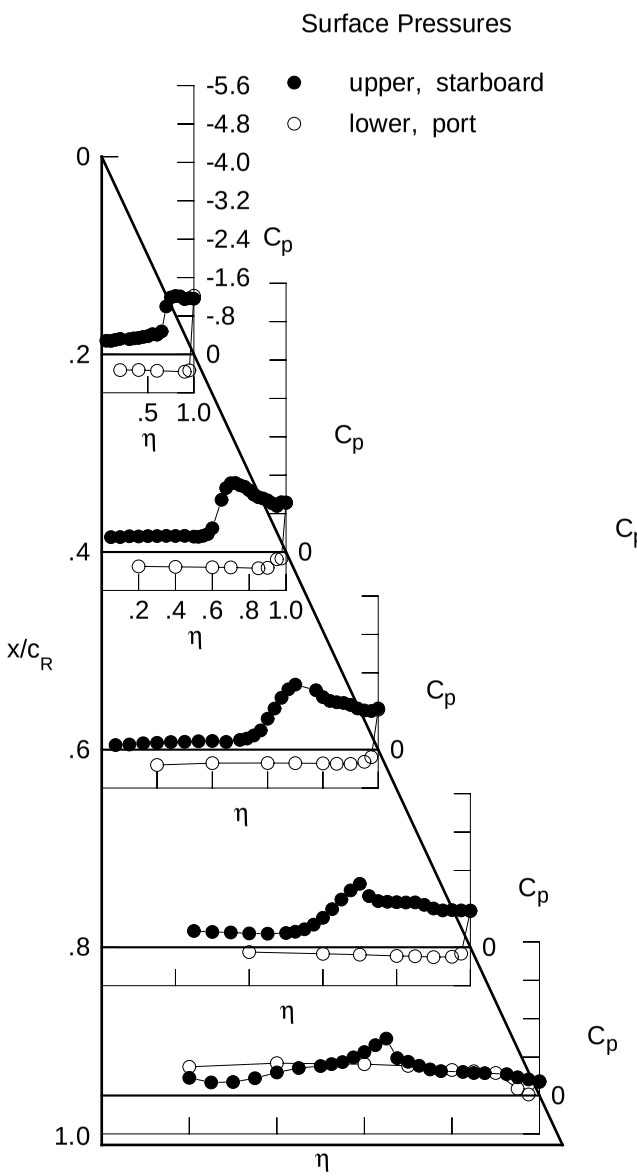
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
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 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	-0.2844	-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	*******	-0.3683
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
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-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



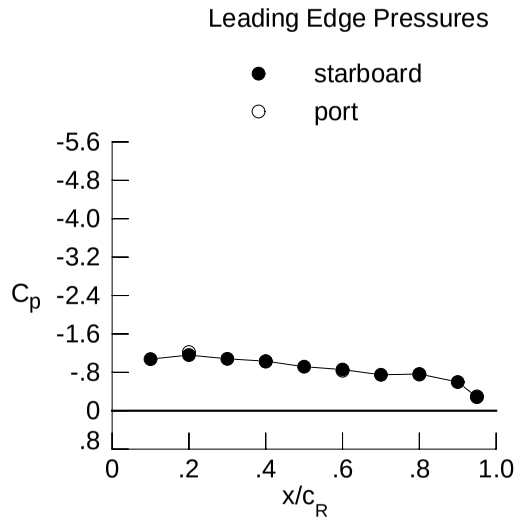
Small Radius L.E.

Run No. = 47 , Point No. = 1011

C_N = 0.692, C_m = -0.1096

α = 14.5 °, M_∞ = 0.832

R_{mac} = 59.6×10^6

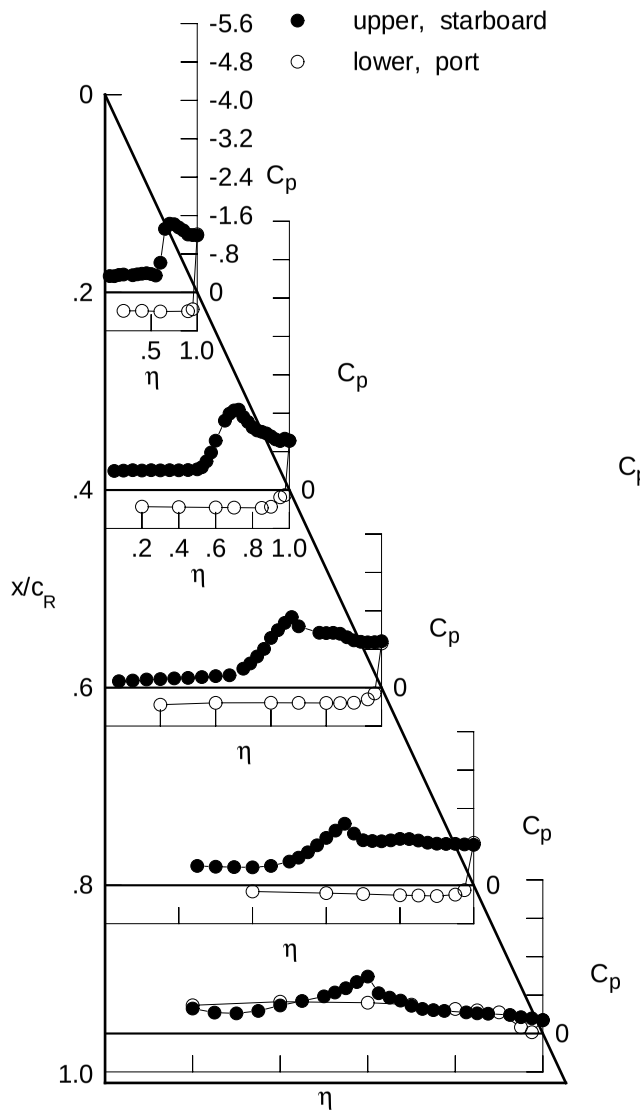


x/c_R	starb'd C_p	port C_p
0.10	-1.0755	*******
0.20	-1.1598	-1.2226
0.30	-1.0810	*******
0.40	-1.0325	-1.0233
0.50	-0.9173	*******
0.60	-0.8572	-0.8331
0.70	-0.7488	*******
0.80	-0.7651	-0.7538
0.90	-0.5973	*******
0.95	-0.2829	-0.2988

Table E4. 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	-0.3402	-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	*******	-0.5203
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3852	0.3467	0.3557	*******	-0.5877
-0.400	0.3837	0.3559	0.3165	0.1291	-0.6626
-0.600	0.3985	0.3636	0.3149	0.1636	-0.6415
-0.700	*******	0.3665	0.3171	0.1824	-0.6018
-0.800	*******	*******	0.3195	0.2077	-0.5114
-0.850	*******	0.3719	0.3223	0.2128	-0.4824
-0.900	0.3922	0.3490	0.3151	0.2244	-0.4410
-0.950	0.3512	0.1516	0.2439	0.1942	-0.1297
-0.975	*******	0.1074	0.1210	0.1013	-0.0264
-1.000	-1.2093	-1.0224	-0.9206	-0.8846	-0.2750

Surface Pressures



Small Radius L.E.

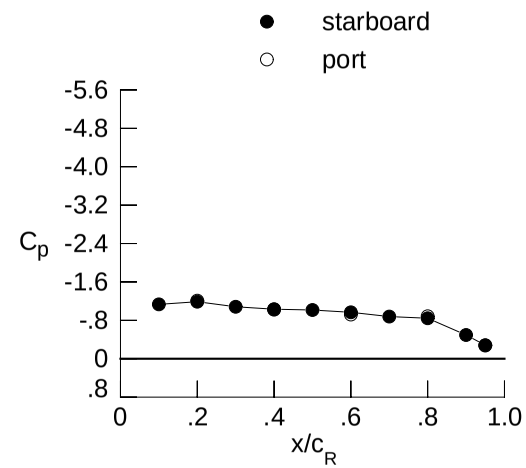
Run No. = 47 , Point No. = 1012

C_N = 0.790, C_m = -0.1182

α = 16.5 °, M_∞ = 0.831

$R_{mac} = 59.5 \times 10^6$

Leading Edge Pressures

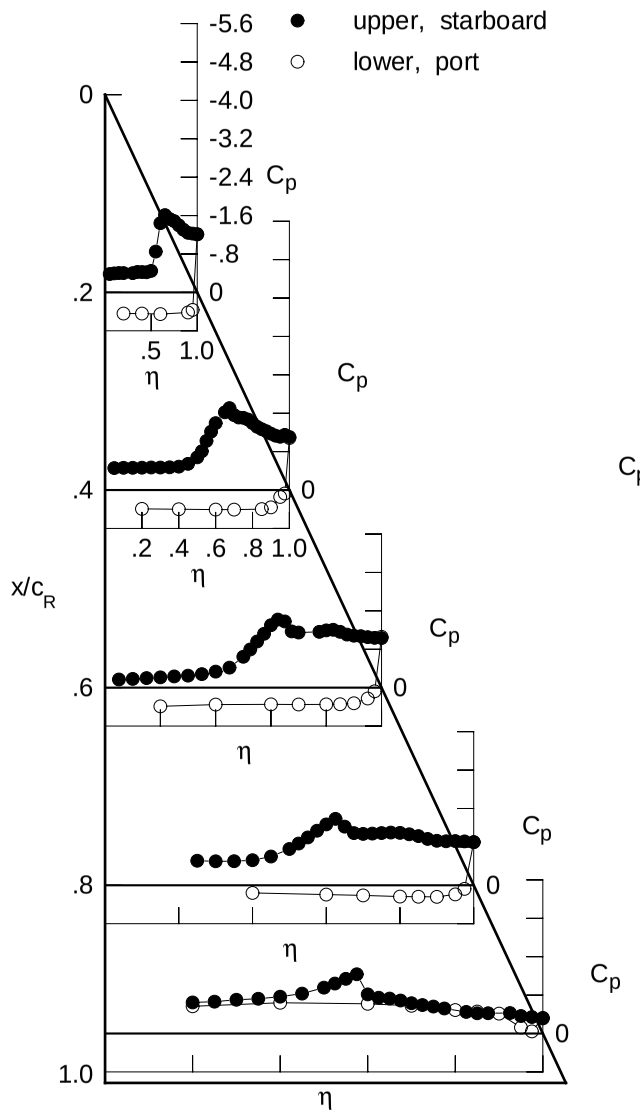


x/c_R	starb'd C_p	port C_p
0.10	-1.1324	*******
0.20	-1.1878	-1.2093
0.30	-1.0826	*******
0.40	-1.0318	-1.0224
0.50	-1.0151	*******
0.60	-0.9672	-0.9206
0.70	-0.8785	*******
0.80	-0.8433	-0.8846
0.90	-0.4943	*******
0.95	-0.2817	-0.2750

Table E4. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.3828	-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	*******	-0.6470
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	*******	-1.1323	-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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-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

Surface Pressures



Small Radius L.E.

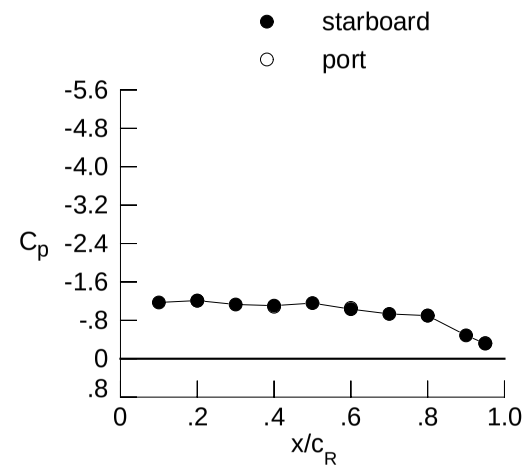
Run No. = 47 , Point No. = 1013

C_N = 0.907, C_m = -0.1366

α = 18.6 °, M_∞ = 0.832

R_{mac} = 59.5×10^6

Leading Edge Pressures

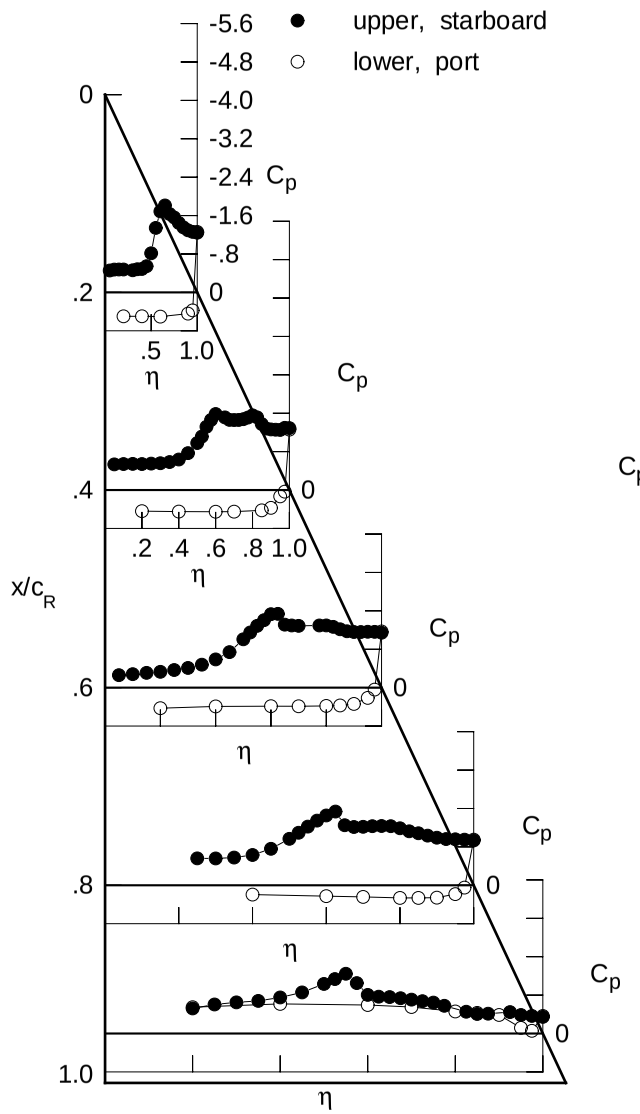


x/c_R	starb'd C_p	port C_p
0.10	-1.1723	*******
0.20	-1.2119	-1.2078
0.30	-1.1299	*******
0.40	-1.1058	-1.0833
0.50	-1.1589	*******
0.60	-1.0329	-1.0594
0.70	-0.9334	*******
0.80	-0.8977	-0.9003
0.90	-0.4866	*******
0.95	-0.3147	-0.3264

Table E4. 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	-0.4558	-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	*******	-0.5226
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4985	0.4401	0.4284	*******	-0.5483
-0.400	0.4974	0.4490	0.3915	0.1937	-0.6168
-0.600	0.5049	0.4524	0.3867	0.2265	-0.5935
-0.700	*******	0.4500	0.3879	0.2420	-0.5518
-0.800	*******	*******	0.3810	0.2629	-0.4592
-0.850	*******	0.4229	0.3711	0.2630	-0.4294
-0.900	0.4427	0.3710	0.3389	0.2577	-0.3861
-0.950	0.3745	0.1320	0.2135	0.1838	-0.1175
-0.975	*******	0.0338	0.0407	0.0481	-0.0564
-1.000	-1.2602	-1.2586	-1.1702	-0.9504	-0.3653

Surface Pressures



Small Radius L.E.

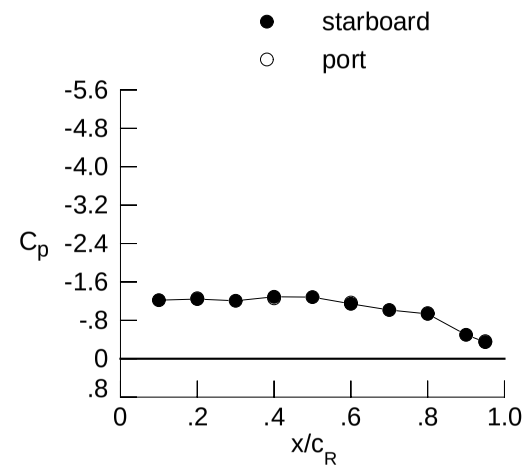
Run No. = 47 , Point No. = 1014

C_N = 1.018, C_m = -0.1534

α = 20.7 °, M_∞ = 0.830

$R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

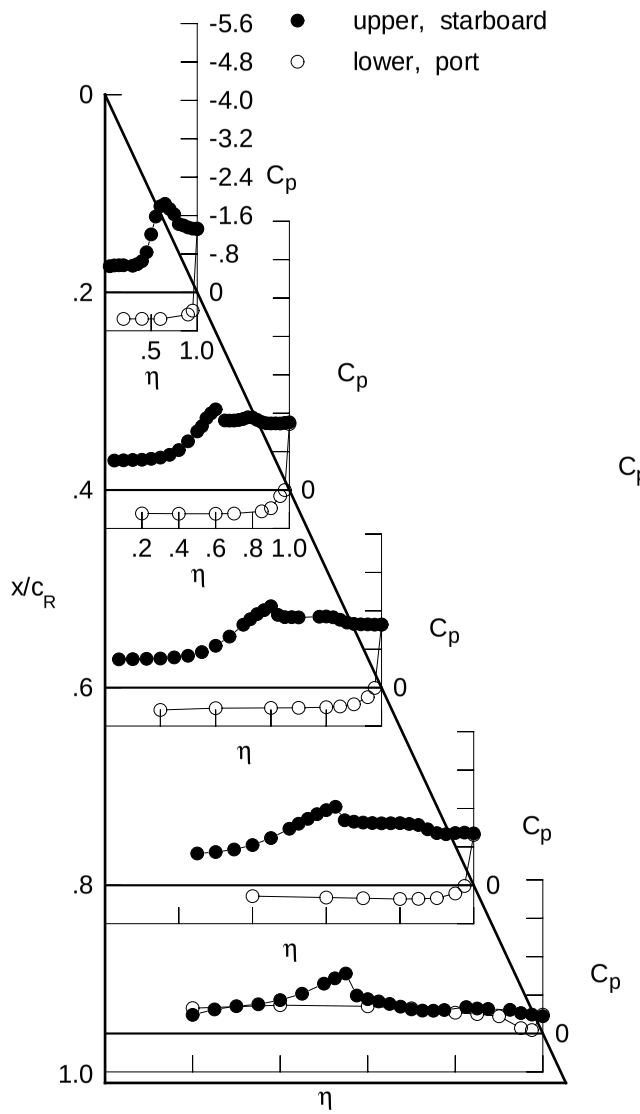


x/c_R	starb'd C_p	port C_p
0.10	-1.2201	*******
0.20	-1.2429	-1.2602
0.30	-1.2073	*******
0.40	-1.2904	-1.2586
0.50	-1.2836	*******
0.60	-1.1439	-1.1702
0.70	-1.0155	*******
0.80	-0.9341	-0.9504
0.90	-0.4984	*******
0.95	-0.3461	-0.3653

Table E4. 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	-0.5449	-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	*******	-0.3878
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5525	0.4876	0.4651	*******	-0.5285
-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

Surface Pressures



Small Radius L.E.

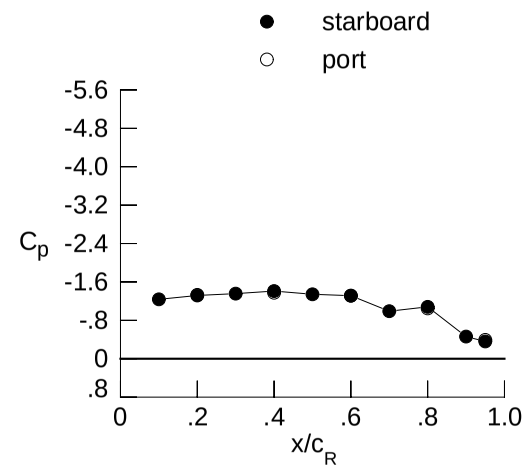
Run No. = 47 , Point No. = 1015

C_N = 1.124, C_m = -0.1673

α = 22.7 °, M_∞ = 0.830

R_{mac} = 59.5×10^6

Leading Edge Pressures

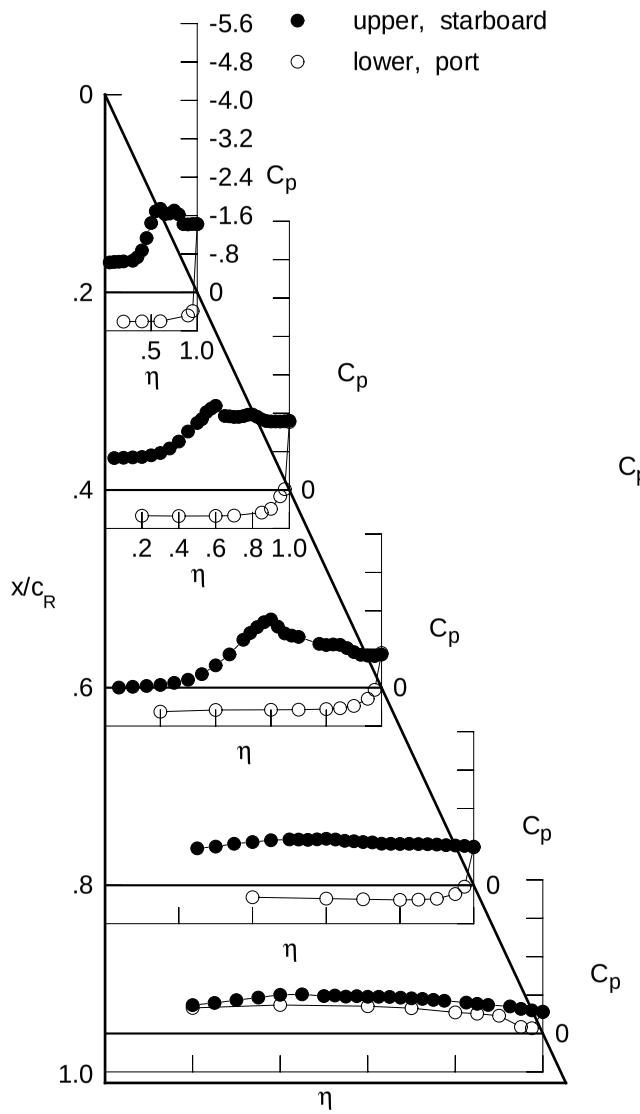


x/c_R	starb'd C_p	port C_p
0.10	-1.2375	*******
0.20	-1.3180	-1.3303
0.30	-1.3563	*******
0.40	-1.4098	-1.3755
0.50	-1.3428	*******
0.60	-1.3135	-1.3125
0.70	-0.9901	*******
0.80	-1.0811	-1.0484
0.90	-0.4612	*******
0.95	-0.3602	-0.3924

Table E4. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.6237	-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	*******	-0.5924
0.250	*******	-0.7230	-0.0997	-0.7699	-0.6371
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6086	0.5359	0.5007	*******	-0.5331
-0.400	0.6052	0.5419	0.4660	0.2494	-0.5940
-0.600	0.6015	0.5392	0.4617	0.2776	-0.5682
-0.700	*******	0.5323	0.4590	0.2917	-0.5275
-0.800	*******	*******	0.4469	0.3048	-0.4390
-0.850	*******	0.4692	0.4287	0.2989	-0.4128
-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

Surface Pressures



Small Radius L.E.

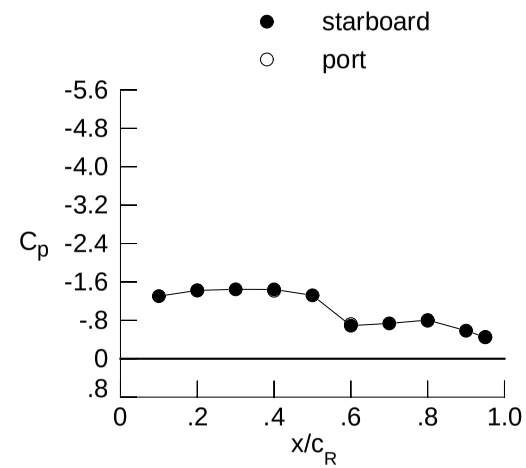
Run No. = 47 , Point No. = 1016

C_N = 1.106, C_m = -0.1634

α = 24.7 °, M_∞ = 0.830

R_{mac} = 59.4×10^6

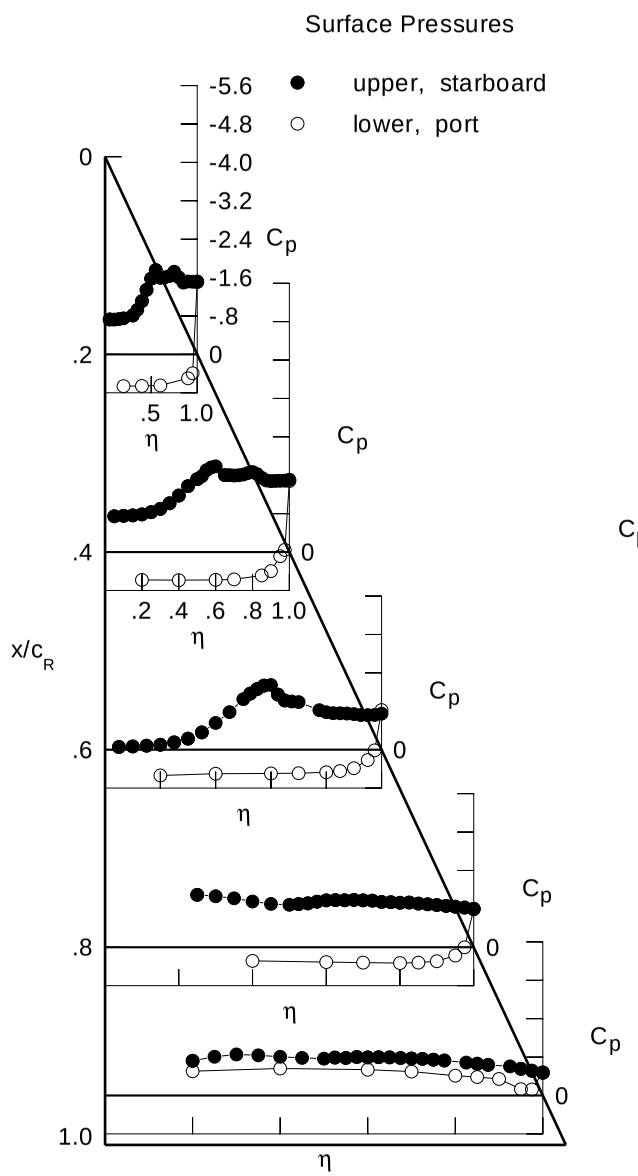
Leading Edge Pressures



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 $C_{p,u}$	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	-0.7284	-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	*******	-0.7229
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-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



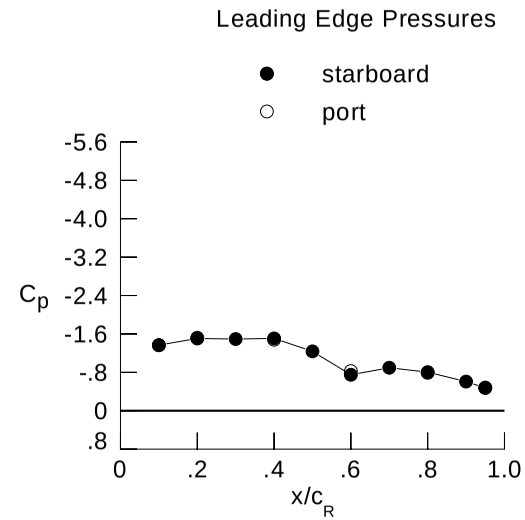
Small Radius L.E.

Run No. = 47 , Point No. = 1017

C_N = 1.202, C_m = -0.1799

α = 26.8 °, M_∞ = 0.831

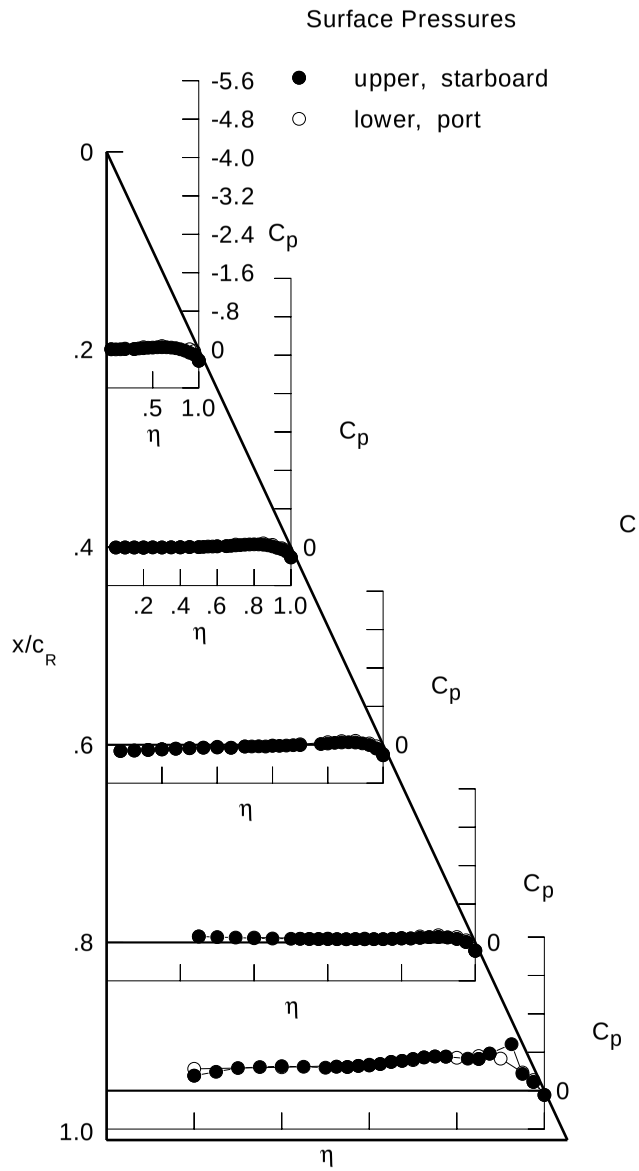
R_{mac} = 59.4×10^6



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

Table E4. 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	-0.0056	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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-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



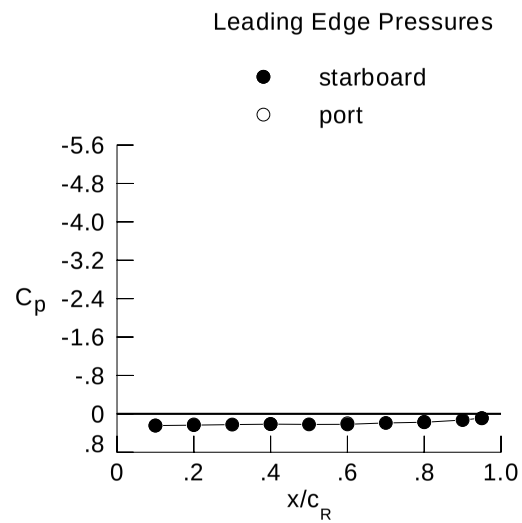
Small Radius L.E.

Run No. = 47, Point No. = 1018

C_N = -0.011, C_m = 0.0003

α = -0.3 °, M_∞ = 0.831

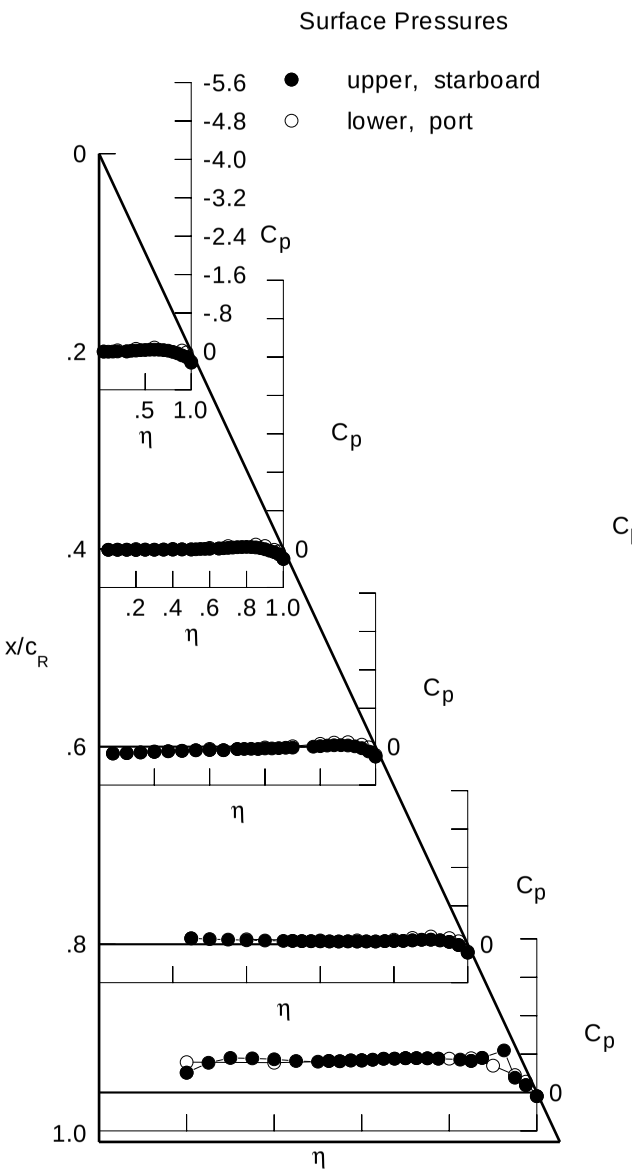
R_{mac} = 59.9×10^6



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

Table E5. 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	0.0043	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	*******	-0.4127
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-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



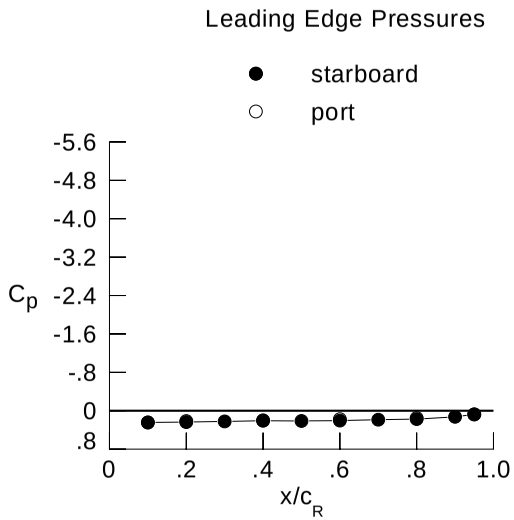
Small Radius L.E.

Run No. = 48 , Point No. = 1019

C_N = -0.024, C_m = 0.0022

α = -0.7 °, M_∞ = 0.870

$R_{mac} = 59.5 \times 10^6$

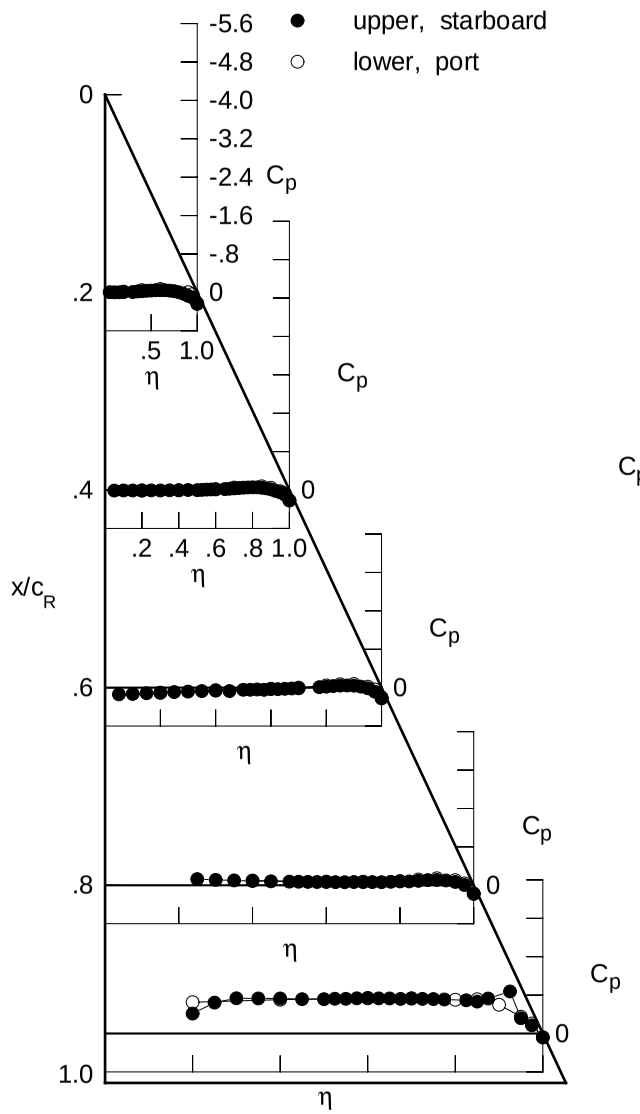


x/c_R	starb'd C_p	port C_p
0.10	0.2449	*******
0.20	0.2359	0.2154
0.30	0.2231	*******
0.40	0.2087	0.1990
0.50	0.2132	*******
0.60	0.2057	0.1748
0.70	0.1870	*******
0.80	0.1739	0.1532
0.90	0.1276	*******
0.95	0.0755	0.0774

Table E5. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.0041	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	*******	-0.4149
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0170	0.0051	0.1067	*******	-0.6516
-0.400	-0.0464	0.0021	0.0525	-0.0991	-0.7047
-0.600	-0.0711	-0.0171	0.0224	-0.0761	-0.7420
-0.700	*******	-0.0520	-0.0009	-0.0747	-0.7351
-0.800	*******	*******	-0.0467	-0.0884	-0.7035
-0.850	*******	-0.0772	-0.0703	-0.1201	-0.7136
-0.900	-0.0042	-0.0466	-0.0763	-0.1465	-0.5994
-0.950	0.0351	0.0240	-0.0209	-0.1070	-0.3508
-0.975	*******	0.0693	0.0367	-0.0391	-0.2087
-1.000	0.2238	0.2137	0.2015	0.1693	0.0819

Surface Pressures



Small Radius L.E.

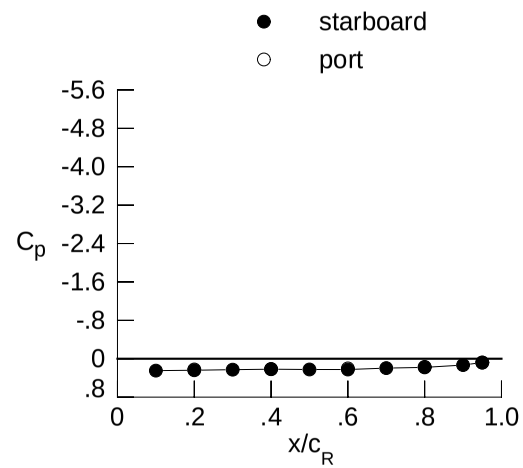
Run No. = 48 , Point No. = 1020

C_N = -0.010, C_m = -0.0010

α = -0.3 °, M_∞ = 0.870

R_{mac} = 59.5×10^6

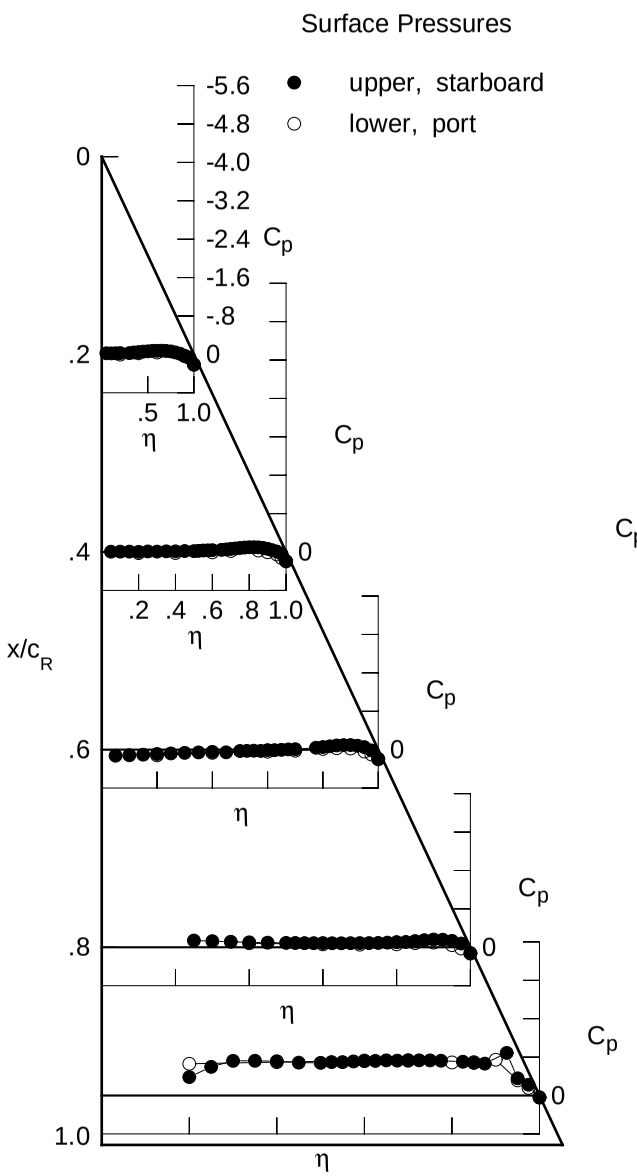
Leading Edge Pressures



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

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 $C_{p,u}$
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	*******	-0.3841
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-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



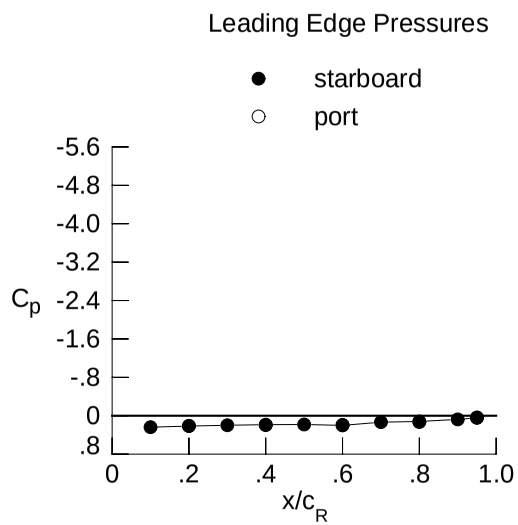
Small Radius L.E.

Run No. = 48 , Point No. = 1021

C_N = 0.033, C_m = -0.0085

α = 0.7 °, M_∞ = 0.869

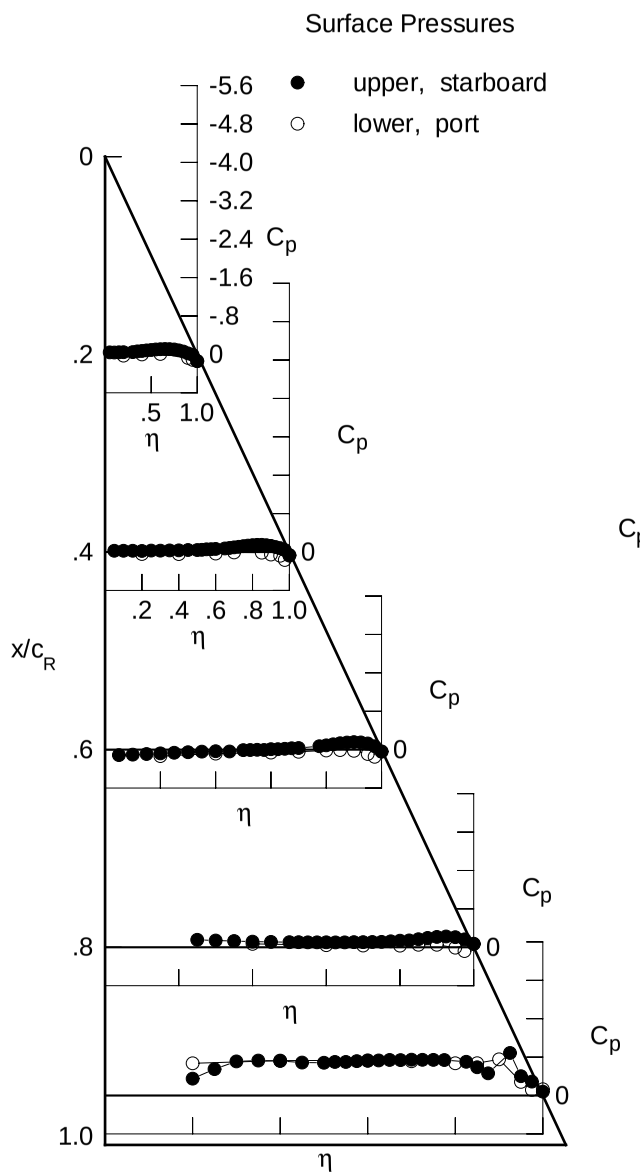
R_{mac} = 59.5×10^6



x/c_R	starb'd 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

Table E5. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,u
0.050	-0.0426	-0.0261	0.1136	*******	*******
0.100	-0.0395	-0.0266	0.1043	*******	*******
0.150	-0.0439	-0.0265	0.0909	*******	*******
0.200	-0.0454	-0.0223	0.0777	*******	-0.3512
0.250	*******	-0.0304	0.0646	-0.1557	-0.5498
0.300	-0.0470	-0.0289	0.0537	-0.1411	-0.7107
0.350	-0.0631	-0.0335	0.0417	-0.1301	-0.7279
0.400	-0.0713	-0.0355	0.0324	-0.1178	-0.7198
0.450	-0.0834	-0.0421	0.0384	-0.1121	-0.6865
0.500	-0.0912	-0.0420	0.0105	-0.1061	-0.6824
0.525	*******	-0.0466	0.0080	-0.1062	-0.6989
0.550	-0.1024	-0.0567	0.0031	-0.1030	-0.6990
0.575	*******	-0.0593	0.0069	-0.1035	-0.7157
0.600	-0.1076	-0.0648	-0.0094	-0.1039	-0.7224
0.625	*******	*******	-0.0097	-0.1018	-0.7303
0.650	-0.1118	-0.0743	-0.0180	-0.1027	-0.7412
0.675	*******	-0.0850	-0.0285	-0.1069	-0.7374
0.700	-0.1097	-0.0973	-0.0336	-0.1073	-0.7462
0.725	*******	-0.1089	*******	-0.1104	-0.7444
0.750	-0.1028	-0.1225	*******	-0.1132	-0.7424
0.775	*******	-0.1345	-0.0713	-0.1250	-0.7391
0.800	-0.0840	-0.1435	-0.0898	-0.1373	*******
0.825	*******	-0.1493	-0.1114	-0.1435	-0.7027
0.850	-0.0595	-0.1504	-0.1332	-0.1678	-0.5886
0.875	*******	-0.1426	-0.1482	-0.1950	-0.4621
0.900	-0.0206	-0.1280	-0.1570	-0.2159	*******
0.925	*******	-0.1036	-0.1503	-0.2246	-0.8864
0.950	0.0088	-0.0811	-0.1285	-0.2105	-0.4026
0.975	*******	-0.0434	-0.0708	-0.1659	-0.2898
1.000	0.1413	0.0626	0.0426	-0.0741	-0.0800
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.0253	0.0406	0.1340	*******	-0.6708
-0.400	0.0009	0.0423	0.0821	-0.0713	-0.7273
-0.600	-0.0095	0.0312	0.0604	-0.0441	-0.7329
-0.700	*******	0.0077	0.0441	-0.0364	-0.7135
-0.800	*******	*******	0.0173	-0.0346	-0.6722
-0.850	*******	0.0127	0.0090	-0.0529	-0.6732
-0.900	0.0736	0.0521	0.0237	-0.0529	-0.7536
-0.950	0.1139	0.0766	0.0902	0.0079	-0.2843
-0.975	*******	0.1657	0.1485	0.0785	-0.1179
-1.000	0.1375	0.0748	0.0372	-0.0668	-0.1305



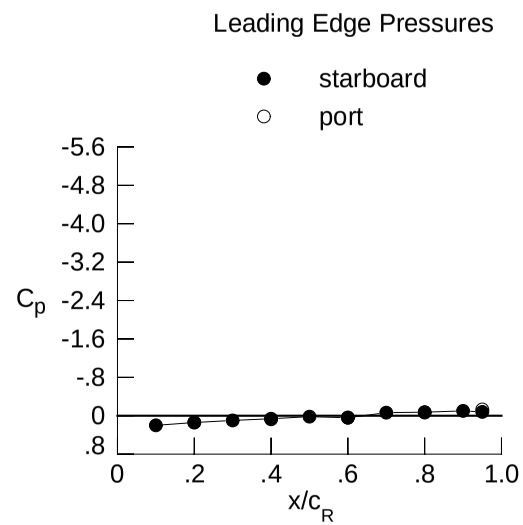
Small Radius L.E.

Run No. = 48 , Point No. = 1022

C_N = 0.075, C_m = -0.0145

α = 1.8 °, M_∞ = 0.870

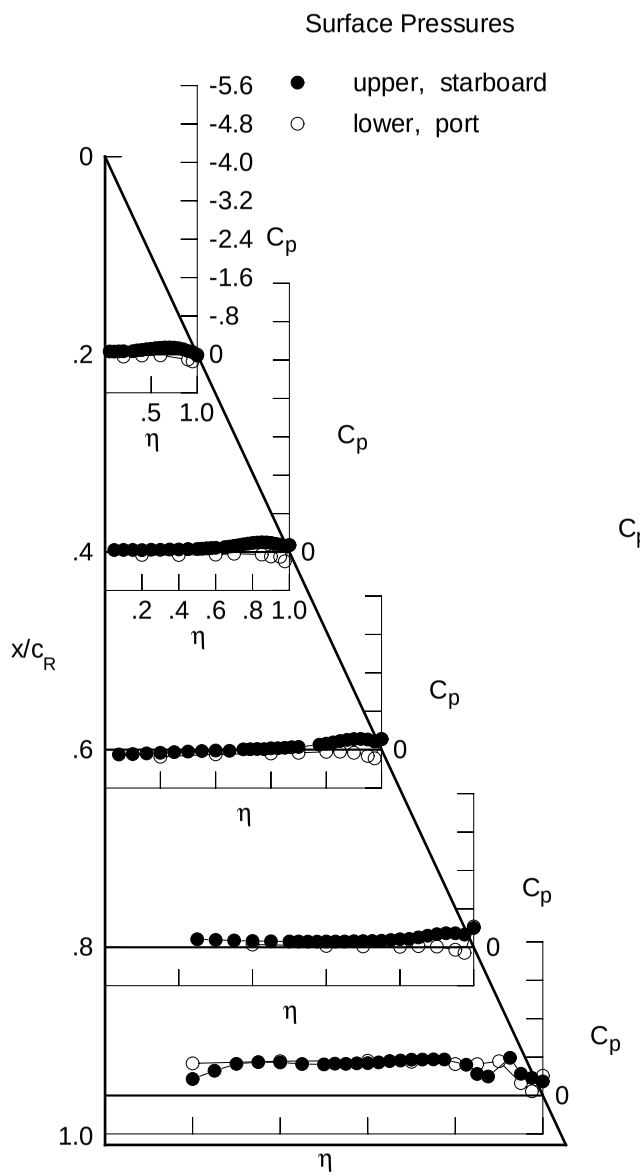
R_{mac} = 59.5×10^6



x/c_R	starb'd Cp	port Cp
0.10	0.2003	*******
0.20	0.1413	0.1375
0.30	0.0982	*******
0.40	0.0626	0.0748
0.50	0.0194	*******
0.60	0.0426	0.0372
0.70	-0.0641	*******
0.80	-0.0741	-0.0668
0.90	-0.1006	*******
0.95	-0.0800	-0.1305

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 $C_{p,u}$
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	*******	-0.3440
0.250	*******	-0.0478	0.0522	-0.1669	-0.5159
0.300	-0.0660	-0.0465	0.0401	-0.1535	-0.6590
0.350	-0.0836	-0.0530	0.0286	-0.1421	-0.6964
0.400	-0.0919	-0.0539	0.0181	-0.1316	-0.6893
0.450	-0.1074	-0.0628	0.0237	-0.1250	-0.6562
0.500	-0.1171	-0.0629	-0.0055	-0.1207	-0.6476
0.525	*******	-0.0692	-0.0078	-0.1209	-0.6639
0.550	-0.1301	-0.0787	-0.0140	-0.1186	-0.6600
0.575	*******	-0.0827	-0.0105	-0.1185	-0.6703
0.600	-0.1378	-0.0890	-0.0276	-0.1208	-0.6742
0.625	*******	*******	-0.0296	-0.1196	-0.6894
0.650	-0.1451	-0.1012	-0.0388	-0.1211	-0.7177
0.675	*******	-0.1143	-0.0506	-0.1261	-0.7286
0.700	-0.1455	-0.1285	-0.0568	-0.1276	-0.7462
0.725	*******	-0.1427	*******	-0.1316	-0.7485
0.750	-0.1419	-0.1601	*******	-0.1371	-0.7525
0.775	*******	-0.1751	-0.1025	-0.1503	-0.7504
0.800	-0.1269	-0.1887	-0.1249	-0.1671	*******
0.825	*******	-0.1978	-0.1516	-0.1745	-0.6411
0.850	-0.1057	-0.2036	-0.1797	-0.2058	-0.4492
0.875	*******	-0.2008	-0.2032	-0.2410	-0.3962
0.900	-0.0704	-0.1911	-0.2197	-0.2732	*******
0.925	*******	-0.1719	-0.2229	-0.2926	-0.7852
0.950	-0.0464	-0.1558	-0.2112	-0.2921	-0.4524
0.975	*******	-0.1307	-0.1671	-0.2643	-0.3667
1.000	0.0251	-0.1457	-0.2144	-0.4027	-0.2934
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0456	0.0594	0.1477	*******	-0.6693
-0.400	0.0229	0.0613	0.0967	-0.0571	-0.7155
-0.600	0.0192	0.0543	0.0794	-0.0283	-0.7237
-0.700	*******	0.0354	0.0656	-0.0183	-0.7024
-0.800	*******	*******	0.0456	-0.0103	-0.6559
-0.850	*******	0.0518	0.0423	-0.0240	-0.6527
-0.900	0.1073	0.0921	0.0645	-0.0148	-0.7144
-0.950	0.1462	0.0981	0.1302	0.0513	-0.2590
-0.975	*******	0.1943	0.1815	0.1159	-0.0869
-1.000	0.0042	-0.1409	-0.2233	-0.4325	-0.4110



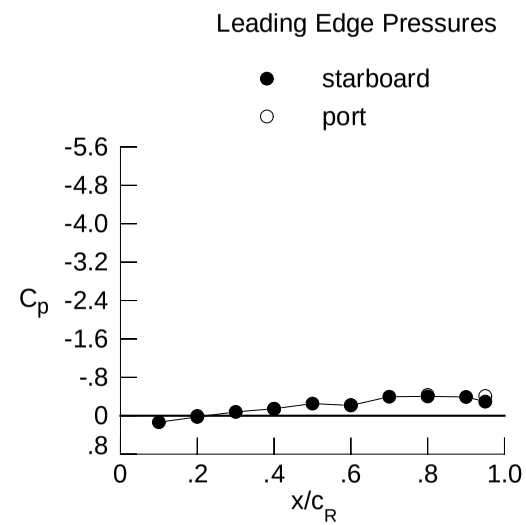
Small Radius L.E.

Run No. = 48 , Point No. = 1023

C_N = 0.118, C_m = -0.0228

α = 2.9 °, M_∞ = 0.870

R_{mac} = 59.4×10^6

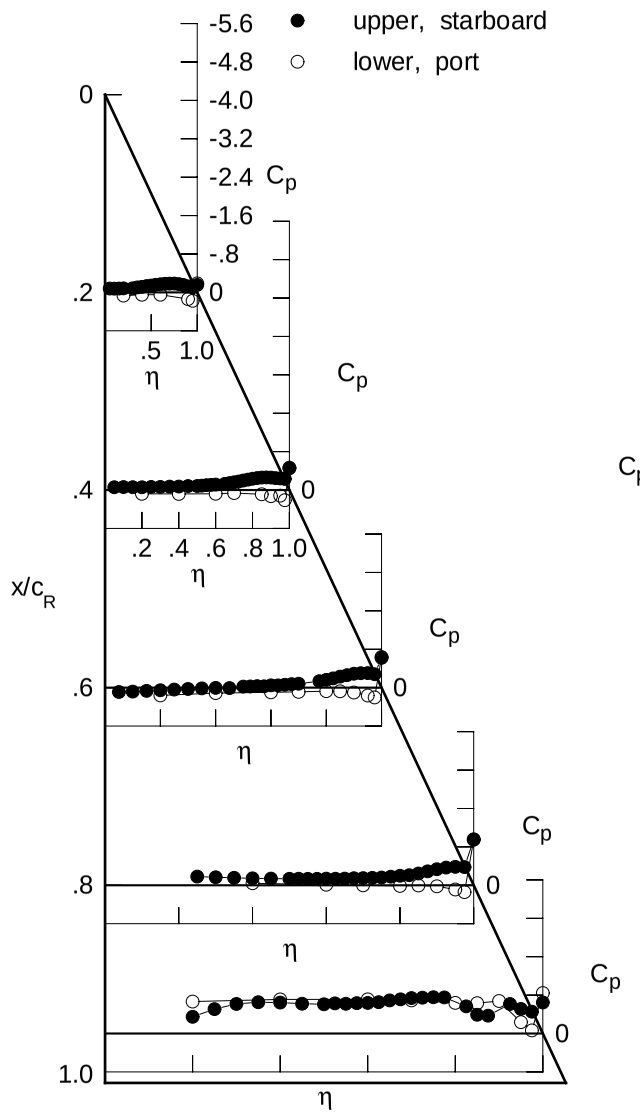


x/c_R	starb'd C_p	port C_p
0.10	0.1355	*******
0.20	0.0251	0.0042
0.30	-0.0802	*******
0.40	-0.1457	-0.1409
0.50	-0.2530	*******
0.60	-0.2144	-0.2233
0.70	-0.3962	*******
0.80	-0.4027	-0.4325
0.90	-0.3910	*******
0.95	-0.2934	-0.4110

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 $C_{p,u}$
0.050	-0.0800	-0.0581	0.0906	*******	*******
0.100	-0.0772	-0.0617	0.0826	*******	*******
0.150	-0.0803	-0.0596	0.0674	*******	*******
0.200	-0.0837	-0.0577	0.0545	*******	-0.3483
0.250	*******	-0.0647	0.0397	-0.1812	-0.5080
0.300	-0.0847	-0.0648	0.0282	-0.1669	-0.6163
0.350	-0.1038	-0.0710	0.0152	-0.1561	-0.6516
0.400	-0.1151	-0.0726	0.0044	-0.1447	-0.6447
0.450	-0.1313	-0.0829	0.0086	-0.1396	-0.6210
0.500	-0.1428	-0.0840	-0.0215	-0.1356	-0.6090
0.525	*******	-0.0909	-0.0245	-0.1367	-0.6278
0.550	-0.1579	-0.1012	-0.0315	-0.1343	-0.6193
0.575	*******	-0.1075	-0.0281	-0.1348	-0.6324
0.600	-0.1686	-0.1139	-0.0476	-0.1387	-0.6371
0.625	*******	*******	-0.0475	-0.1371	-0.6527
0.650	-0.1791	-0.1288	-0.0600	-0.1391	-0.6892
0.675	*******	-0.1440	-0.0726	-0.1471	-0.7120
0.700	-0.1828	-0.1607	-0.0817	-0.1486	-0.7383
0.725	*******	-0.1778	*******	-0.1553	-0.7466
0.750	-0.1837	-0.1986	*******	-0.1618	-0.7556
0.775	*******	-0.2167	-0.1341	-0.1793	-0.7524
0.800	-0.1723	-0.2355	-0.1614	-0.1981	*******
0.825	*******	-0.2498	-0.1930	-0.2094	-0.5658
0.850	-0.1547	-0.2596	-0.2294	-0.2455	-0.3906
0.875	*******	-0.2624	-0.2601	-0.2905	-0.3712
0.900	-0.1252	-0.2601	-0.2893	-0.3343	*******
0.925	*******	-0.2480	-0.3011	-0.3689	-0.6151
0.950	-0.1109	-0.2416	-0.3034	-0.3839	-0.5114
0.975	*******	-0.2318	-0.2792	-0.3795	-0.4543
1.000	-0.1557	-0.4530	-0.6208	-0.9586	-0.6466
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0667	0.0785	0.1618	*******	-0.6659
-0.400	0.0487	0.0811	0.1136	-0.0424	-0.7101
-0.600	0.0478	0.0780	0.0972	-0.0120	-0.7123
-0.700	*******	0.0631	0.0878	0.0004	-0.6904
-0.800	*******	*******	0.0737	0.0131	-0.6384
-0.850	*******	0.0882	0.0757	0.0041	-0.6320
-0.900	0.1389	0.1283	0.1017	0.0208	-0.6770
-0.950	0.1754	0.1167	0.1638	0.0882	-0.2366
-0.975	*******	0.2121	0.2041	0.1423	-0.0647
-1.000	-0.1883	-0.4665	-0.6382	-0.9486	-0.8432

Surface Pressures



Small Radius L.E.

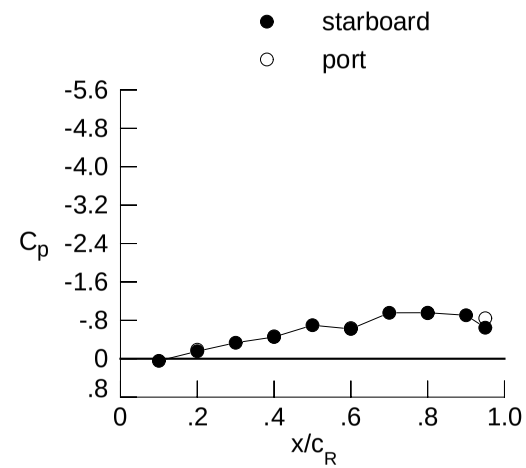
Run No. = 48 , Point No. = 1024

C_N = 0.159, C_m = -0.0292

α = 3.9 °, M_∞ = 0.870

R_{mac} = 59.5×10^6

Leading Edge Pressures

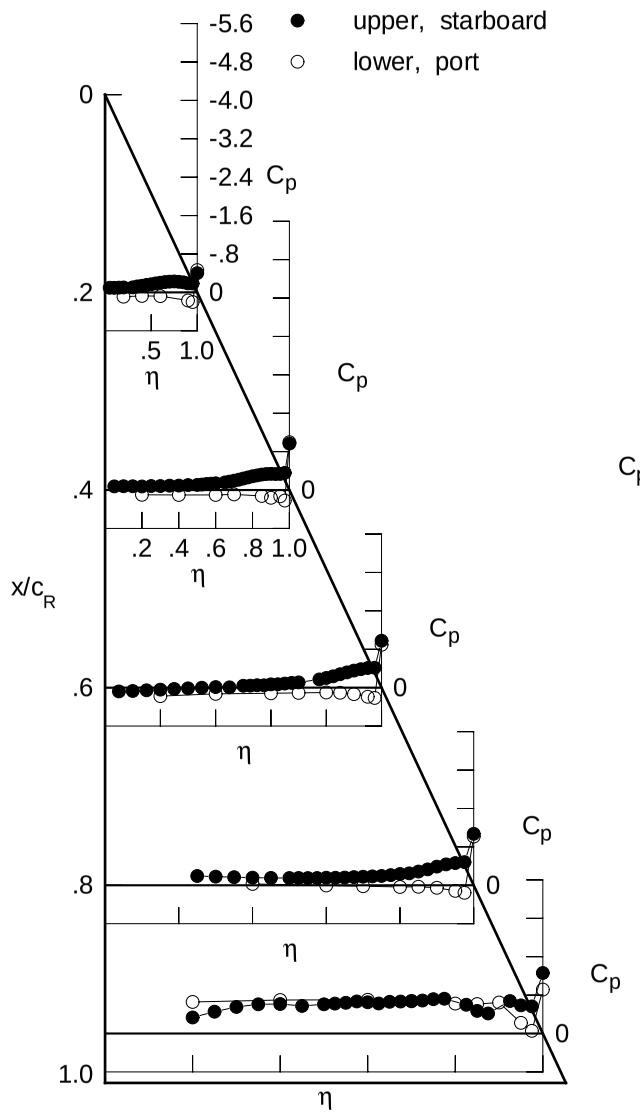


x/c_R	starb'd C_p	port C_p
0.10	0.0439	*******
0.20	-0.1557	-0.1883
0.30	-0.3331	*******
0.40	-0.4530	-0.4665
0.50	-0.6983	*******
0.60	-0.6208	-0.6382
0.70	-0.9568	*******
0.80	-0.9586	-0.9486
0.90	-0.9055	*******
0.95	-0.6466	-0.8432

Table E5. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,u
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	*******	-0.3342
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
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.0894	0.0989	0.1766	*******	-0.6572
-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	0.1094	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

Surface Pressures



Small Radius L.E.

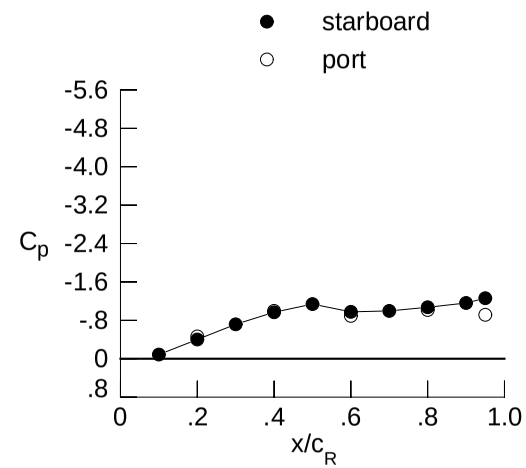
Run No. = 48 , Point No. = 1025

C_N = 0.206, C_m = -0.0379

α = 5.0 °, M_∞ = 0.869

$R_{mac} = 59.5 \times 10^6$

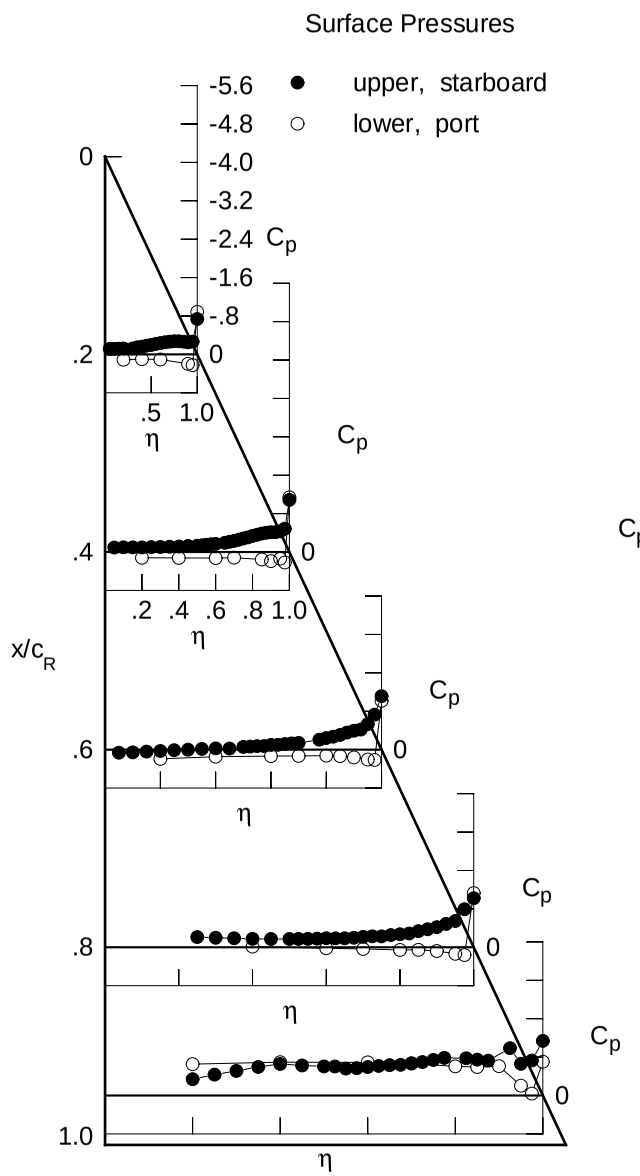
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
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 $C_{p,u}$	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	-0.1155	-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	*******	-0.3397
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-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



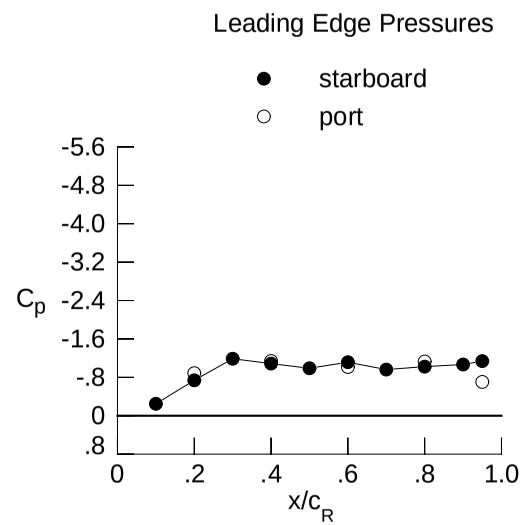
Small Radius L.E.

Run No. = 48 , Point No. = 1026

C_N = 0.257, C_m = -0.0489

α = 6.1 °, M_∞ = 0.870

$R_{mac} = 59.4 \times 10^6$

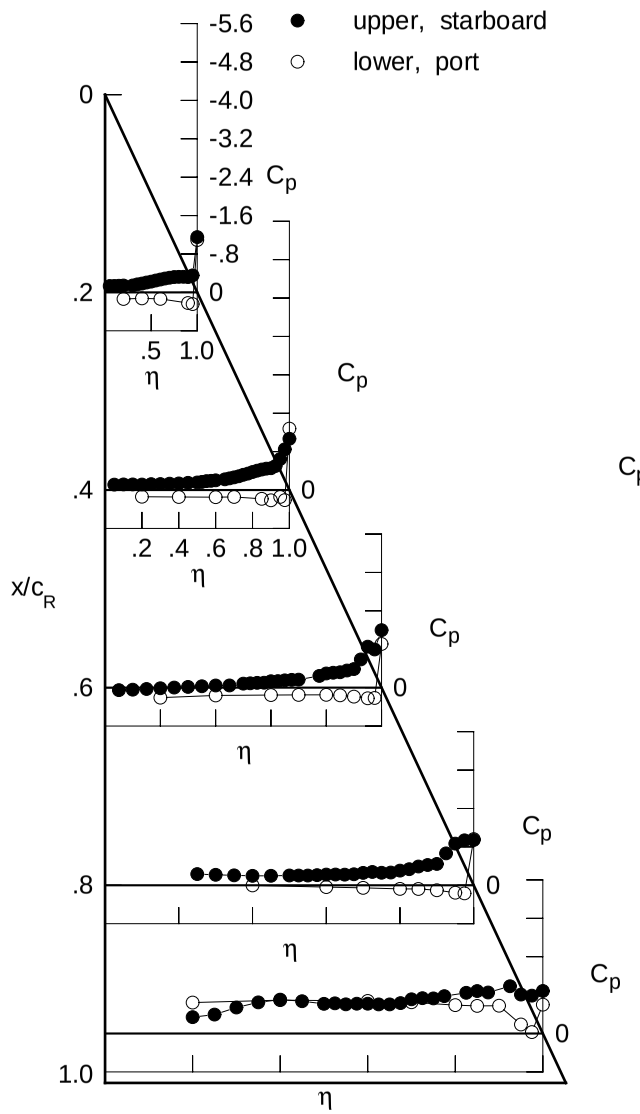


x/c_R	starb'd C_p	port C_p
0.10	-0.2484	*******
0.20	-0.7378	-0.8862
0.30	-1.1875	*******
0.40	-1.0862	-1.1404
0.50	-0.9887	*******
0.60	-1.1154	-1.0152
0.70	-0.9616	*******
0.80	-1.0228	-1.1295
0.90	-1.0671	*******
0.95	-1.1379	-0.7042

Table E5. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.1327	-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	*******	-0.3408
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1368	0.1395	0.2087	*******	-0.6446
-0.400	0.1247	0.1450	0.1624	0.0025	-0.6950
-0.600	0.1349	0.1487	0.1544	0.0374	-0.6787
-0.700	*******	0.1443	0.1510	0.0536	-0.6514
-0.800	*******	*******	0.1495	0.0748	-0.5910
-0.850	*******	0.1832	0.1600	0.0766	-0.5749
-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

Surface Pressures



Small Radius L.E.

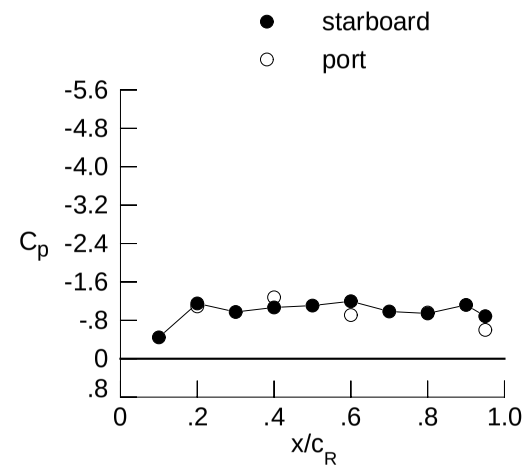
Run No. = 48 , Point No. = 1027

C_N = 0.311, C_m = -0.0612

α = 7.1 °, M_∞ = 0.871

R_{mac} = 59.6×10^6

Leading Edge Pressures

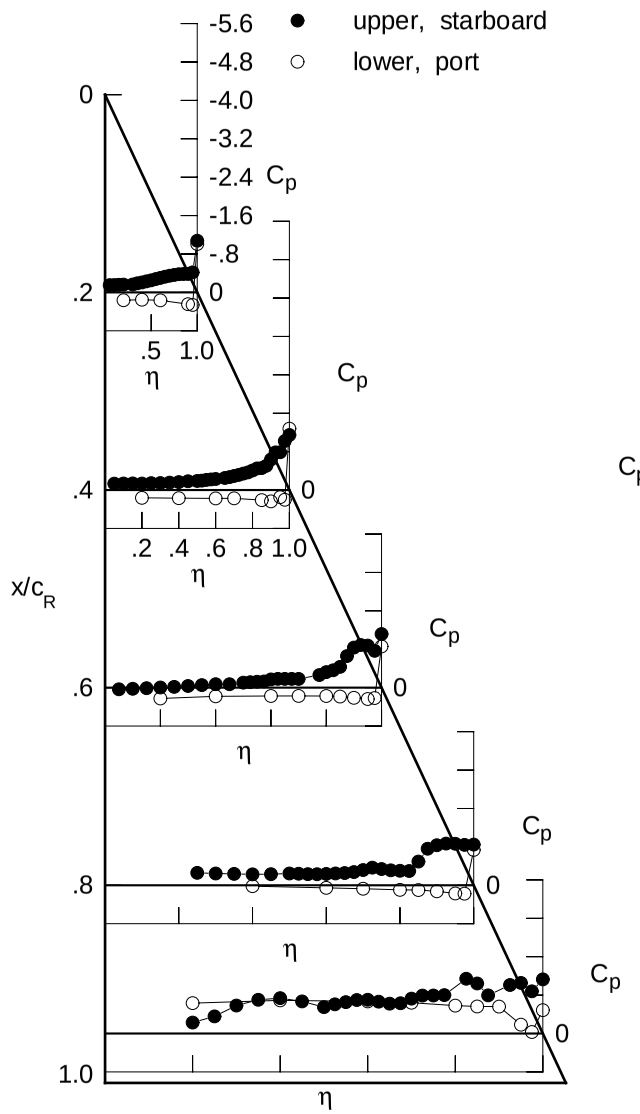


x/c_R	starb'd C_p	port C_p
0.10	-0.4451	*******
0.20	-1.1524	-1.0905
0.30	-0.9739	*******
0.40	-1.0680	-1.2789
0.50	-1.1075	*******
0.60	-1.1975	-0.9096
0.70	-0.9840	*******
0.80	-0.9433	-0.9623
0.90	-1.1205	*******
0.95	-0.8861	-0.6008

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 $C_{p,u}$
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

Surface Pressures



Small Radius L.E.

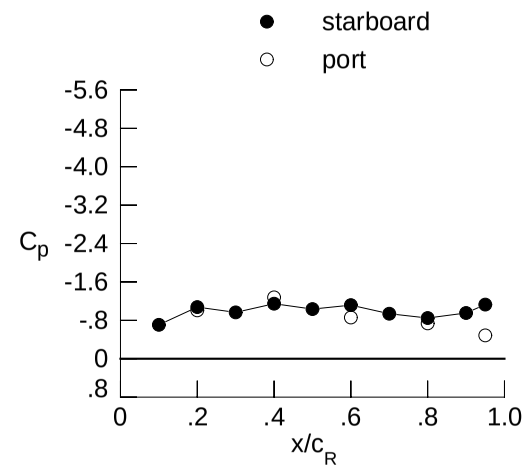
Run No. = 48 , Point No. = 1028

C_N = 0.372, C_m = -0.0737

α = 8.1 °, M_∞ = 0.869

R_{mac} = 59.5×10^6

Leading Edge Pressures

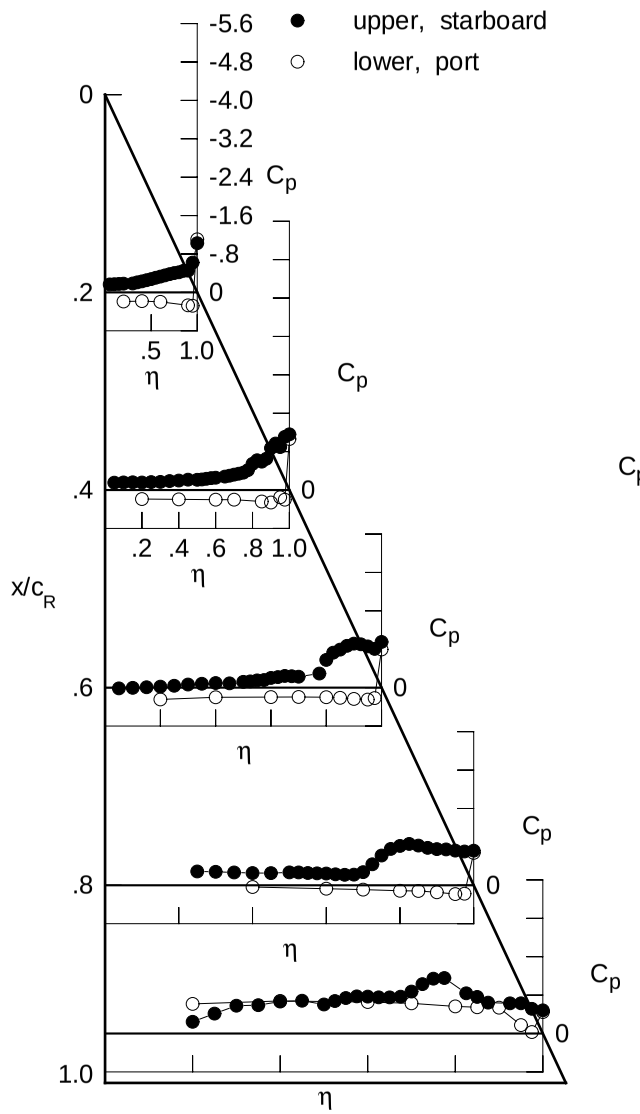


x/c_R	starb'd C_p	port C_p
0.10	-0.7067	*******
0.20	-1.0757	-1.0080
0.30	-0.9655	*******
0.40	-1.1463	-1.2788
0.50	-1.0341	*******
0.60	-1.1166	-0.8592
0.70	-0.9376	*******
0.80	-0.8480	-0.7367
0.90	-0.9532	*******
0.95	-1.1283	-0.4862

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 $C_{p,u}$
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	*******	-0.2443
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1900	0.1877	0.2456	*******	-0.6168
-0.400	0.1819	0.1941	0.2011	0.0364	-0.6781
-0.600	0.1965	0.2010	0.1968	0.0714	-0.6560
-0.700	*******	0.2009	0.1948	0.0901	-0.6285
-0.800	*******	*******	0.1995	0.1141	-0.5646
-0.850	*******	0.2390	0.2117	0.1185	-0.5476
-0.900	0.2695	0.2597	0.2353	0.1457	-0.5385
-0.950	0.2785	0.1502	0.2491	0.1831	-0.1755
-0.975	*******	0.2012	0.2175	0.1754	-0.0307
-1.000	-1.1054	-1.0632	-0.7953	-0.6752	-0.4467

Surface Pressures



Small Radius L.E.

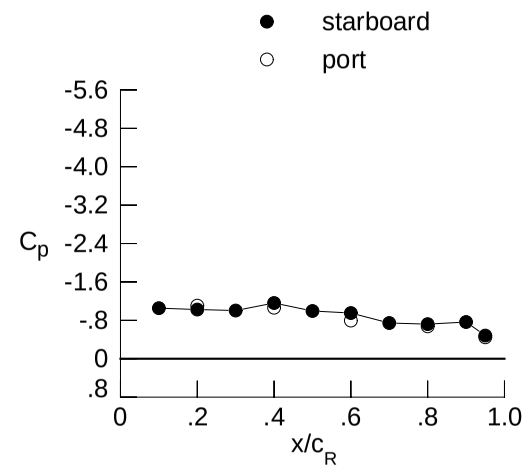
Run No. = 48 , Point No. = 1029

C_N = 0.434, C_m = -0.0866

α = 9.2 °, M_∞ = 0.870

R_{mac} = 59.6×10^6

Leading Edge Pressures

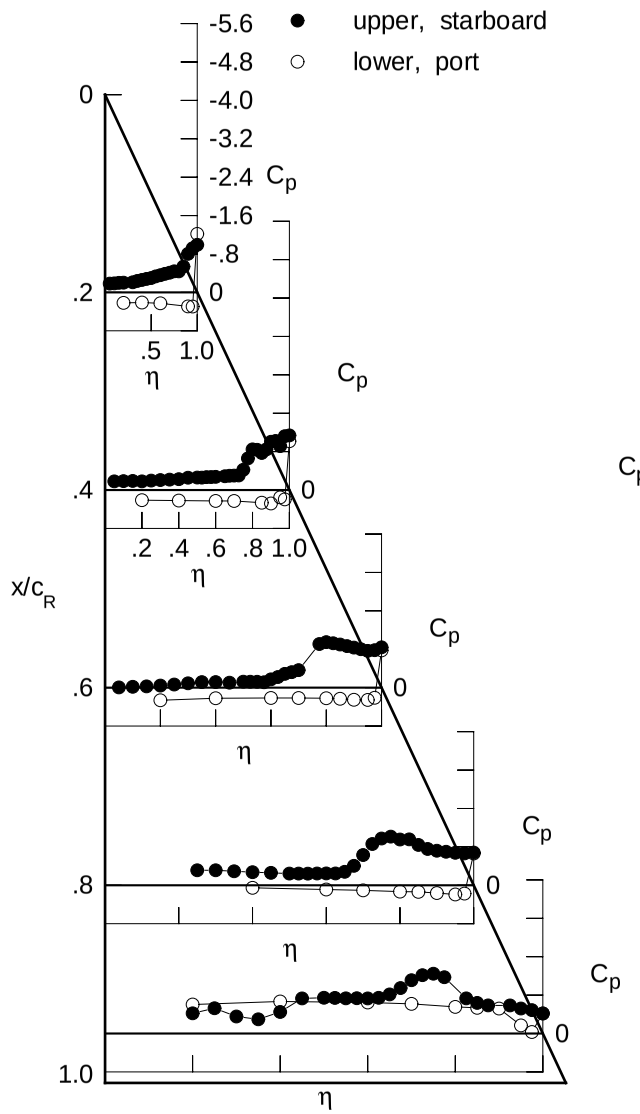


x/c_R	starb'd C_p	port C_p
0.10	-1.0537	*******
0.20	-1.0249	-1.1054
0.30	-1.0042	*******
0.40	-1.1609	-1.0632
0.50	-0.9945	*******
0.60	-0.9523	-0.7953
0.70	-0.7438	*******
0.80	-0.7210	-0.6752
0.90	-0.7646	*******
0.95	-0.4828	-0.4467

Table E5. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.1834	-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	*******	-0.4206
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-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

Surface Pressures



Small Radius L.E.

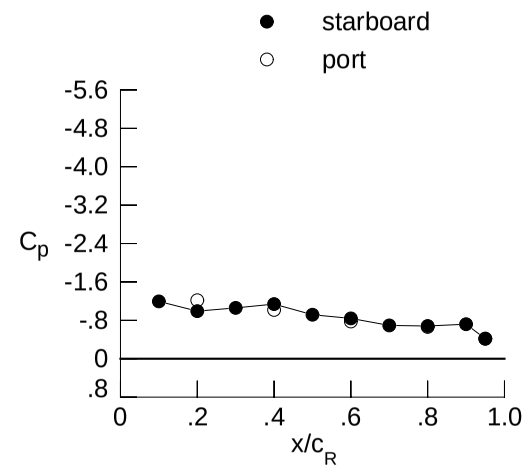
Run No. = 48 , Point No. = 1030

C_N = 0.496, C_m = -0.0965

α = 10.3 °, M_∞ = 0.870

R_{mac} = 59.4×10^6

Leading Edge Pressures

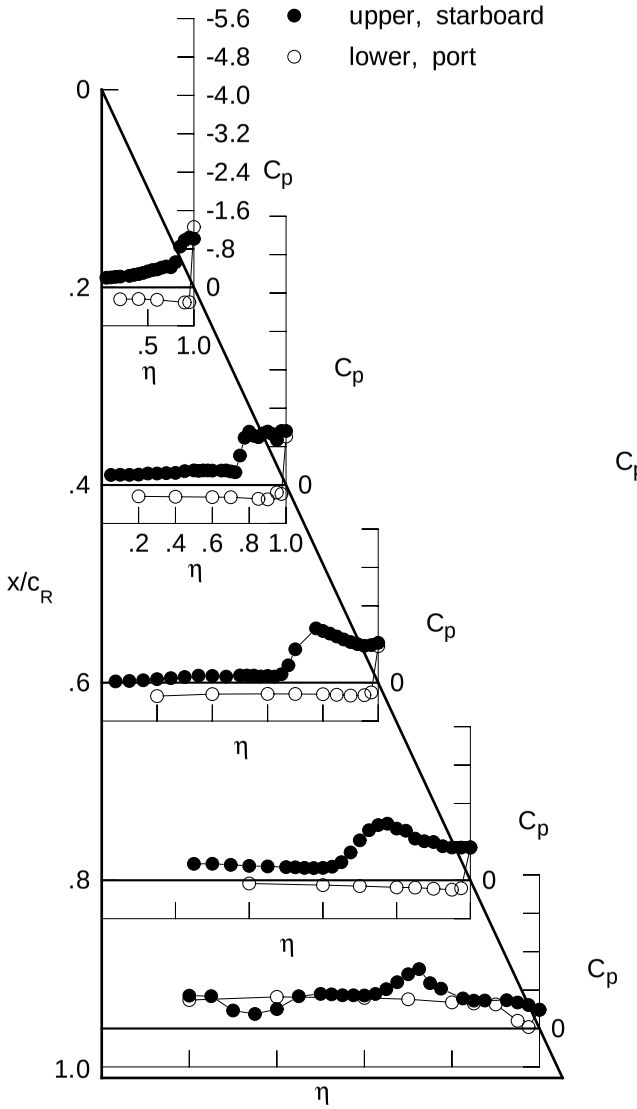


x/c_R	starb'd C_p	port C_p
0.10	-1.1942	*******
0.20	-0.9914	-1.2187
0.30	-1.0590	*******
0.40	-1.1383	-1.0165
0.50	-0.9166	*******
0.60	-0.8403	-0.7760
0.70	-0.6938	*******
0.80	-0.6817	-0.6621
0.90	-0.7195	*******
0.95	-0.4162	-0.4191

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 $C_{p,u}$
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	*******	-0.6849
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2473	0.2355	0.2804	*******	-0.5925
-0.400	0.2412	0.2443	0.2390	0.0671	-0.6590
-0.600	0.2587	0.2520	0.2340	0.1010	-0.6377
-0.700	*******	0.2542	0.2363	0.1209	-0.6094
-0.800	*******	*******	0.2415	0.1477	-0.5442
-0.850	*******	0.2880	0.2527	0.1523	-0.5227
-0.900	0.3133	0.2978	0.2698	0.1764	-0.5016
-0.950	0.3088	0.1544	0.2610	0.1961	-0.1609
-0.975	*******	0.1858	0.2043	0.1653	-0.0305
-1.000	-1.2579	-1.0103	-0.7600	-0.6784	-0.3881

Surface Pressures



Small Radius L.E.

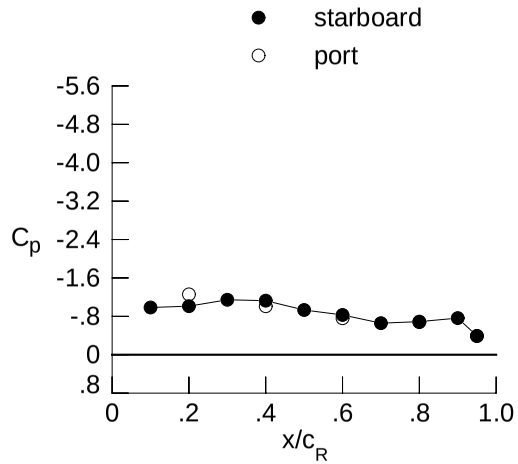
Run No. = 48 , Point No. = 1031

C_N = 0.553, C_m = -0.1046

α = 11.3 °, M_∞ = 0.868

R_{mac} = 59.5×10^6

Leading Edge Pressures

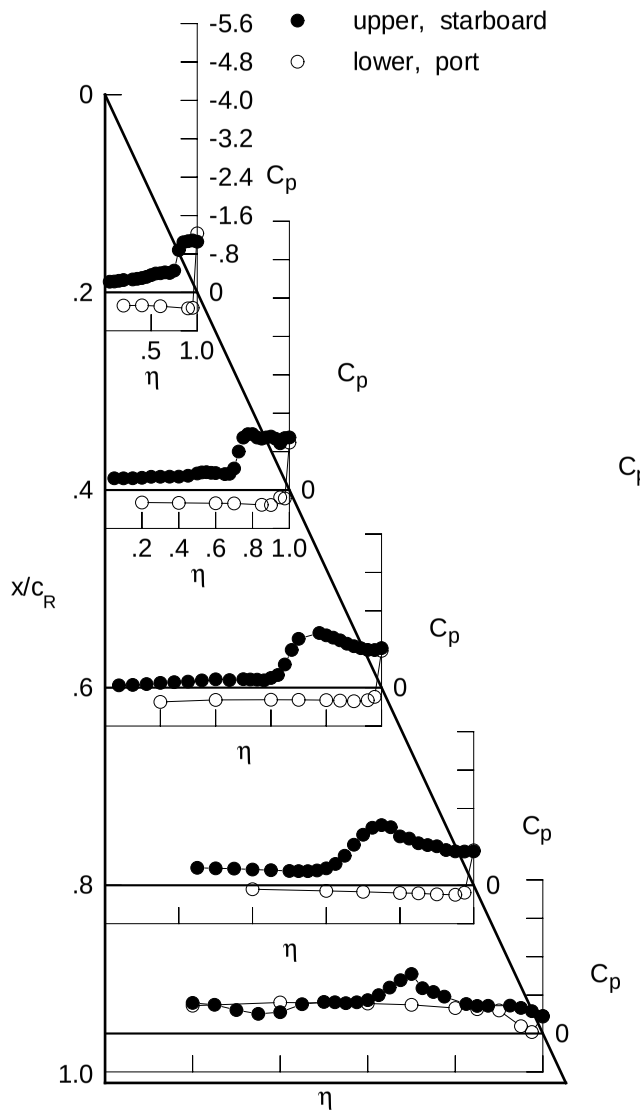


x/c_R	starb'd C_p	port C_p
0.10	-0.9843	*******
0.20	-1.0116	-1.2579
0.30	-1.1450	*******
0.40	-1.1262	-1.0103
0.50	-0.9317	*******
0.60	-0.8290	-0.7600
0.70	-0.6577	*******
0.80	-0.6896	-0.6784
0.90	-0.7630	*******
0.95	-0.3927	-0.3881

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 $C_{p,u}$
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	*******	-0.6373
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	-0.2780	-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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2748	0.2597	0.2972	*******	-0.5792
-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

Surface Pressures



Small Radius L.E.

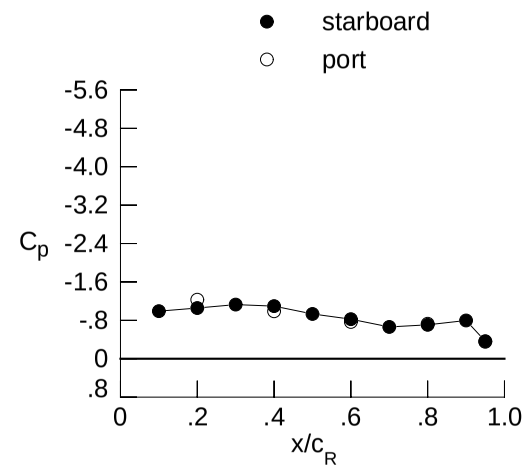
Run No. = 48 , Point No. = 1032

C_N = 0.622, C_m = -0.1202

α = 12.4 °, M_∞ = 0.871

R_{mac} = 59.5×10^6

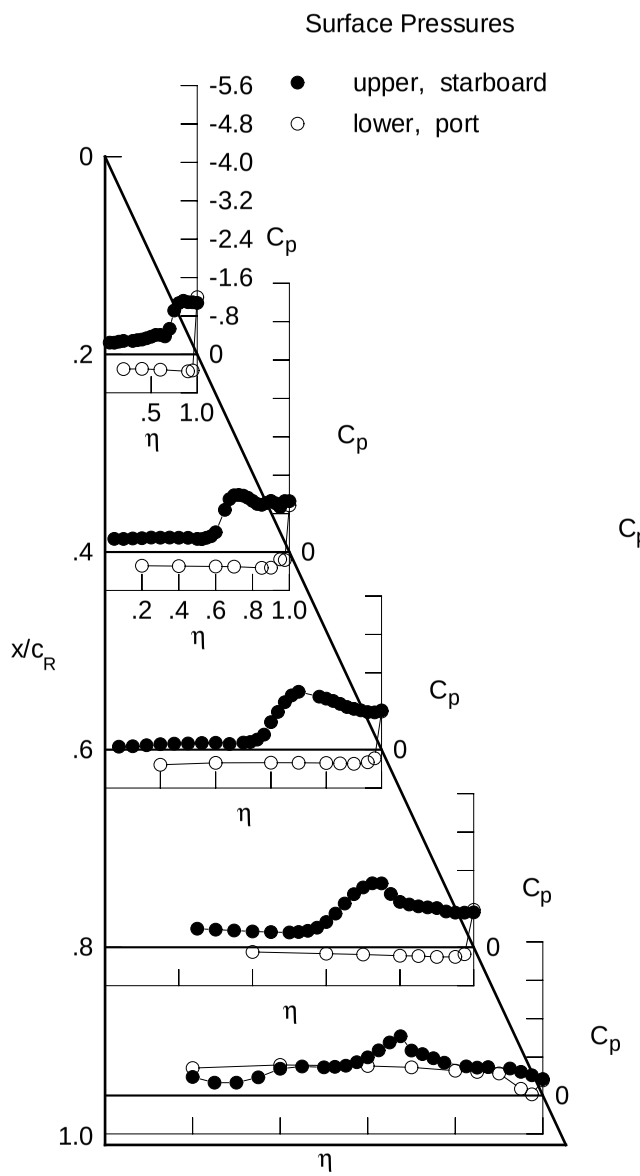
Leading Edge Pressures



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 $C_{p,u}$	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	-0.2445	-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	*******	-0.3864
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3064	0.2855	0.3152	*******	-0.5720
-0.400	0.3016	0.2934	0.2751	0.0977	-0.6366
-0.600	0.3192	0.3011	0.2716	0.1331	-0.6152
-0.700	*******	0.3046	0.2735	0.1507	-0.5862
-0.800	*******	*******	0.2783	0.1760	-0.5170
-0.850	*******	0.3292	0.2871	0.1822	-0.4910
-0.900	0.3529	0.3266	0.2950	0.2009	-0.4594
-0.950	0.3345	0.1522	0.2622	0.2003	-0.1389
-0.975	*******	0.1665	0.1802	0.1436	-0.0237
-1.000	-1.1909	-0.9727	-0.7941	-0.7791	-0.3149



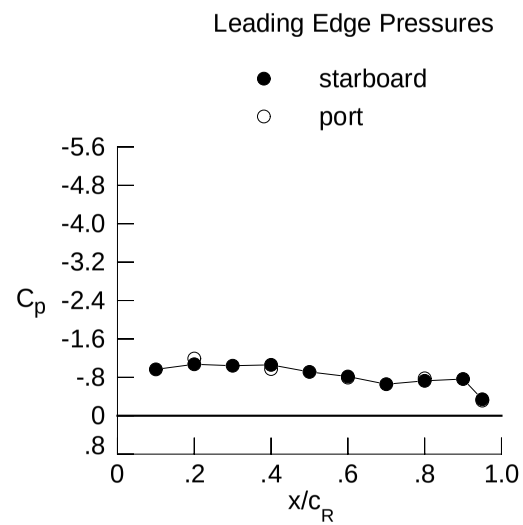
Small Radius L.E.

Run No. = 48 , Point No. = 1033

C_N = 0.677, C_m = -0.1266

α = 13.4 °, M_∞ = 0.871

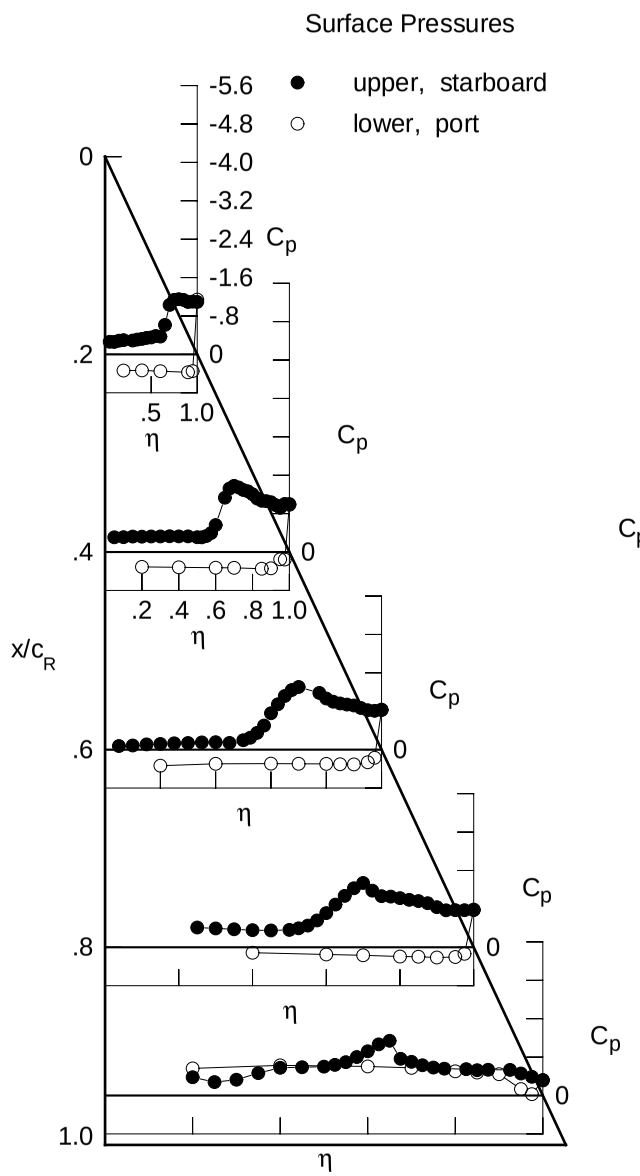
R_{mac} = 59.4×10^6



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

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 $C_{p,u}$
0.050	-0.2635	-0.3073	-0.0752	*******	*******
0.100	-0.2595	-0.3094	-0.0866	*******	*******
0.150	-0.2860	-0.3221	-0.1094	*******	*******
0.200	-0.2970	-0.3199	-0.1186	*******	-0.3805
0.250	*******	-0.3240	-0.1318	-0.4118	-0.2797
0.300	-0.2885	-0.3248	-0.1383	-0.3930	-0.3284
0.350	-0.3091	-0.3286	-0.1507	-0.3751	-0.4664
0.400	-0.3225	-0.3262	-0.1553	-0.3569	-0.5776
0.450	-0.3429	-0.3261	-0.1399	-0.3502	-0.5888
0.500	-0.3526	-0.3085	-0.1960	-0.3627	-0.6012
0.525	*******	-0.3064	-0.2477	-0.3948	-0.6380
0.550	-0.3835	-0.3341	-0.3498	-0.4519	-0.6947
0.575	*******	-0.3955	-0.5012	-0.5595	-0.8013
0.600	-0.3711	-0.5624	-0.7581	-0.7119	-0.9212
0.625	*******	*******	-0.9451	-0.8899	-1.0653
0.650	-0.6145	-1.1319	-1.1173	-1.0709	-1.1398
0.675	*******	-1.3224	-1.2419	-1.2294	-0.7645
0.700	-1.0302	-1.3788	-1.3060	-1.3397	-0.7012
0.725	*******	-1.3444	*******	-1.1796	-0.6306
0.750	-1.1370	-1.2928	*******	-1.0652	-0.5822
0.775	*******	-1.2657	-1.1813	-1.0560	-0.5595
0.800	-1.1495	-1.2041	-1.0658	-1.0237	*******
0.825	*******	-1.1152	-0.9988	-0.9890	-0.5489
0.850	-1.1361	-1.0682	-0.9623	-0.9630	-0.5273
0.875	*******	-1.0598	-0.9390	-0.9183	-0.5371
0.900	-1.0922	-1.0373	-0.9199	-0.8357	*******
0.925	*******	-0.9784	-0.8677	-0.7701	-0.5338
0.950	-1.0984	-0.9206	-0.8217	-0.7738	-0.4581
0.975	*******	-1.0025	-0.8090	-0.7727	-0.3893
1.000	-1.0927	-0.9989	-0.8337	-0.7747	-0.3236
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3369	0.3092	0.3348	*******	-0.5648
-0.400	0.3333	0.3187	0.2951	0.1132	-0.6281
-0.600	0.3504	0.3270	0.2912	0.1499	-0.6053
-0.700	*******	0.3289	0.2948	0.1666	-0.5760
-0.800	*******	*******	0.2969	0.1926	-0.5043
-0.850	*******	0.3480	0.3046	0.1970	-0.4782
-0.900	0.3730	0.3396	0.3077	0.2131	-0.4439
-0.950	0.3482	0.1510	0.2629	0.2023	-0.1336
-0.975	*******	0.1559	0.1689	0.1355	-0.0282
-1.000	-1.1417	-0.9837	-0.8239	-0.7857	-0.3138



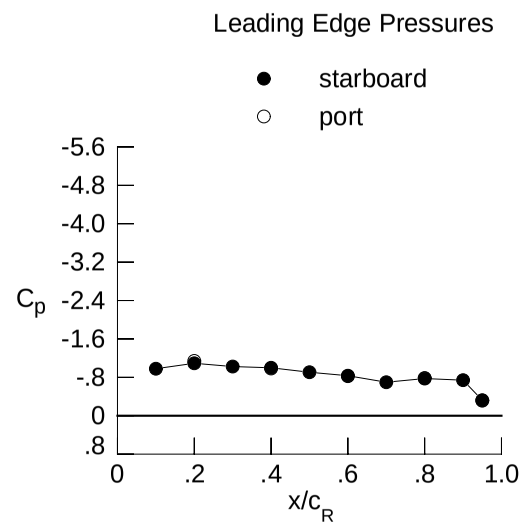
Small Radius L.E.

Run No. = 48 , Point No. = 1034

C_N = 0.729, C_m = -0.1303

α = 14.5 °, M_∞ = 0.871

R_{mac} = 59.5×10^6

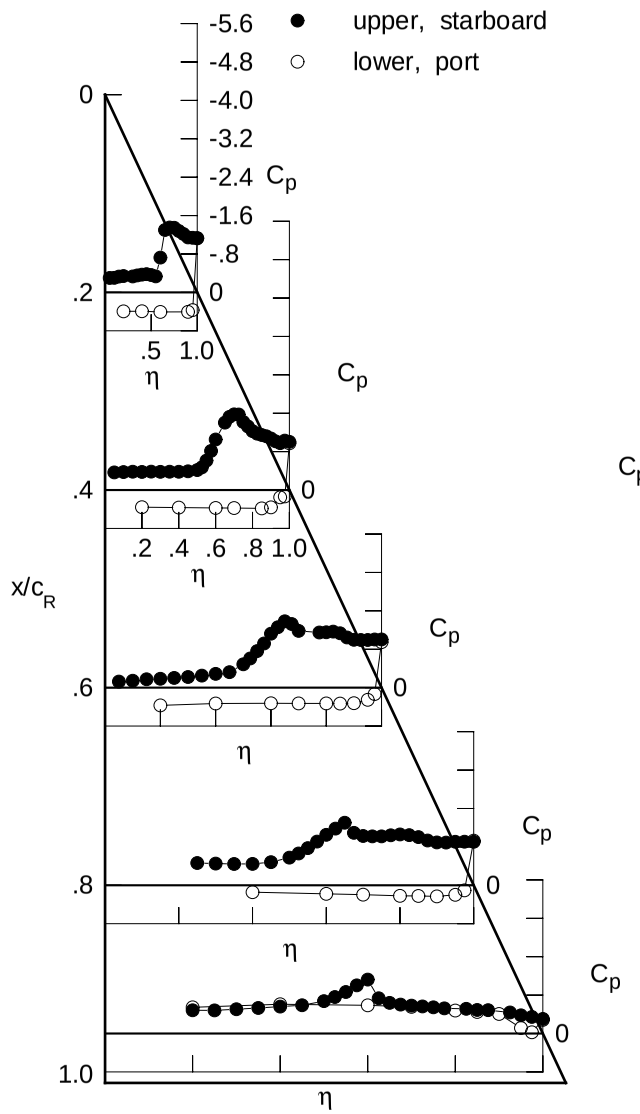


x/c_R	starb'd C_p	port C_p
0.10	-0.9796	*******
0.20	-1.0927	-1.1417
0.30	-1.0244	*******
0.40	-0.9989	-0.9837
0.50	-0.9061	*******
0.60	-0.8337	-0.8239
0.70	-0.6980	*******
0.80	-0.7747	-0.7857
0.90	-0.7405	*******
0.95	-0.3236	-0.3138

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 $C_{p,u}$
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	*******	-0.4841
0.250	*******	-0.3833	-0.2024	-0.4643	-0.4819
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3948	0.3576	0.3698	*******	-0.5458
-0.400	0.3929	0.3653	0.3304	0.1437	-0.6095
-0.600	0.4074	0.3733	0.3257	0.1784	-0.5873
-0.700	*******	0.3751	0.3288	0.1955	-0.5556
-0.800	*******	*******	0.3287	0.2198	-0.4785
-0.850	*******	0.3823	0.3318	0.2222	-0.4487
-0.900	0.4058	0.3612	0.3241	0.2312	-0.4071
-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

Surface Pressures



Small Radius L.E.

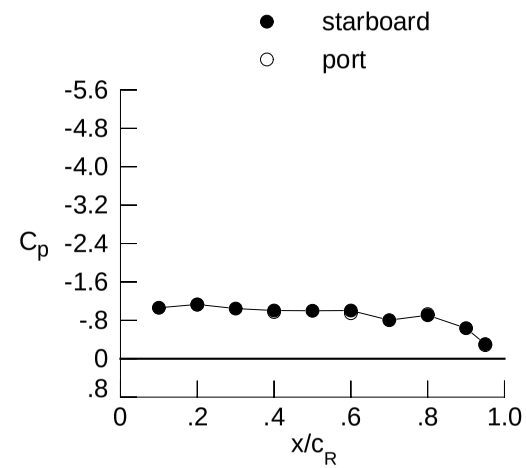
Run No. = 48 , Point No. = 1035

C_N = 0.834, C_m = -0.1436

α = 16.6 °, M_∞ = 0.869

R_{mac} = 59.3×10^6

Leading Edge Pressures

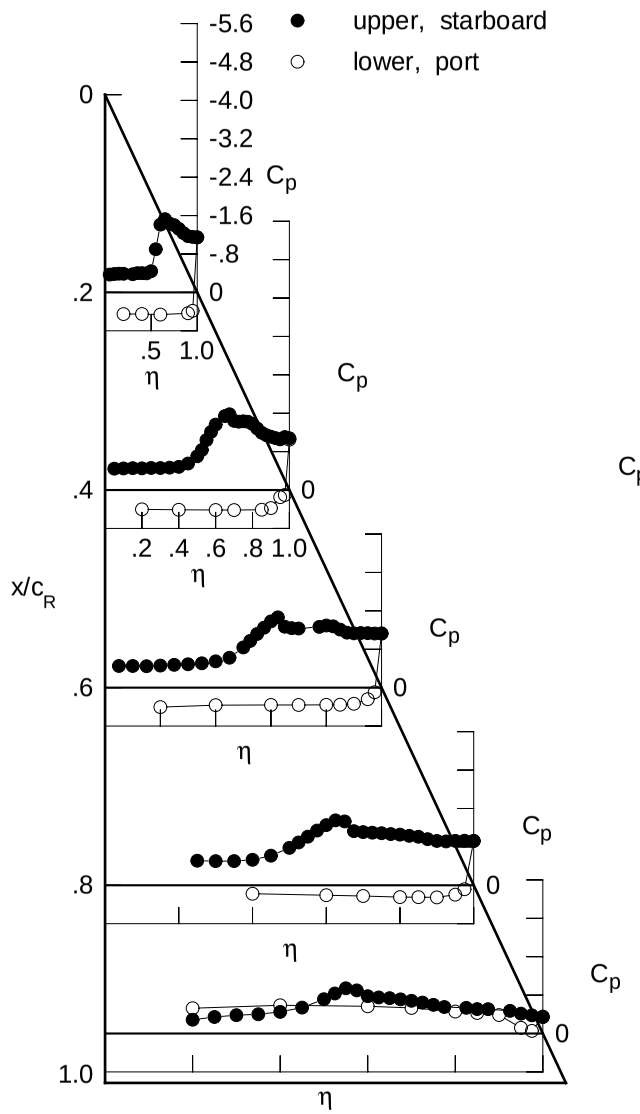


x/c_R	starb'd C_p	port C_p
0.10	-1.0616	*******
0.20	-1.1315	-1.1256
0.30	-1.0450	*******
0.40	-1.0043	-0.9734
0.50	-0.9996	*******
0.60	-1.0039	-0.9483
0.70	-0.8035	*******
0.80	-0.9066	-0.9295
0.90	-0.6359	*******
0.95	-0.3044	-0.2830

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 $C_{p,u}$
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	*******	-0.2872
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4522	0.4025	0.4056	*******	-0.5265
-0.400	0.4500	0.4114	0.3650	0.1758	-0.5879
-0.600	0.4625	0.4157	0.3612	0.2072	-0.5673
-0.700	*******	0.4177	0.3609	0.2236	-0.5328
-0.800	*******	*******	0.3587	0.2462	-0.4578
-0.850	*******	0.4101	0.3560	0.2471	-0.4269
-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

Surface Pressures



Small Radius L.E.

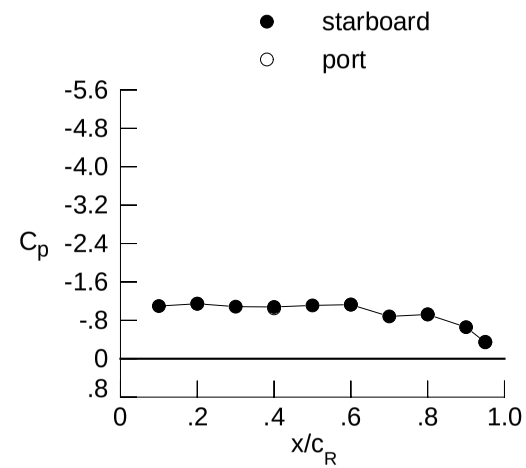
Run No. = 48 , Point No. = 1036

C_N = 0.954, C_m = -0.1664

α = 18.6 °, M_∞ = 0.870

R_{mac} = 59.3×10^6

Leading Edge Pressures

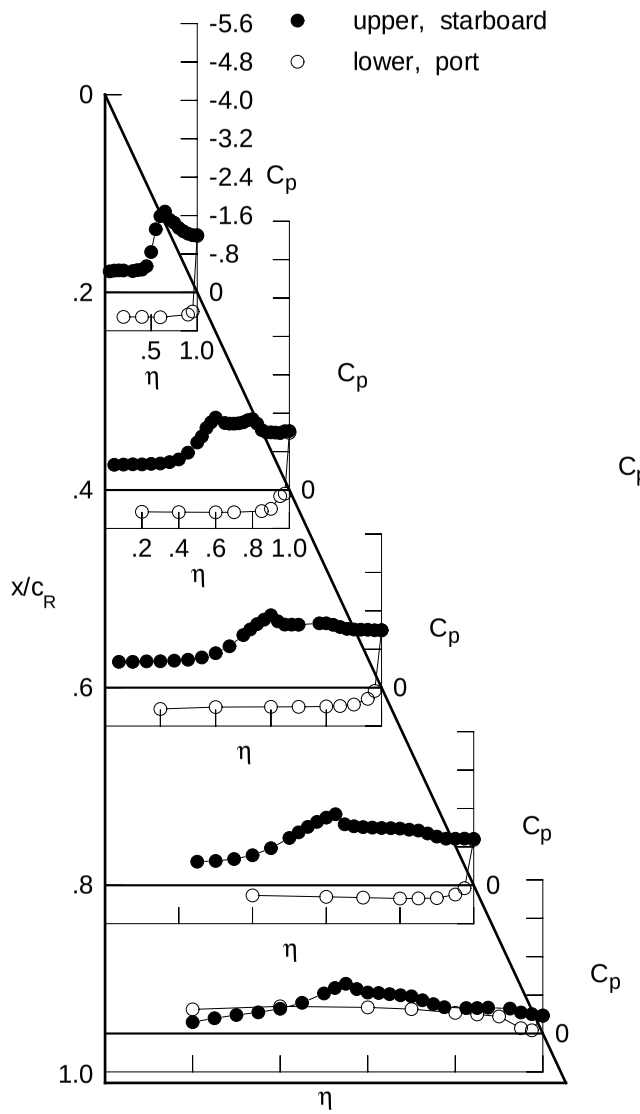


x/c_R	starb'd C_p	port C_p
0.10	-1.0975	*******
0.20	-1.1454	-1.1476
0.30	-1.0848	*******
0.40	-1.0785	-1.0498
0.50	-1.1108	*******
0.60	-1.1266	-1.1293
0.70	-0.8815	*******
0.80	-0.9220	-0.9247
0.90	-0.6573	*******
0.95	-0.3415	-0.3532

Table E5. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.4377	-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	*******	-0.2368
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	-1.6835	-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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5116	0.4544	0.4444	*******	-0.5025
-0.400	0.5102	0.4609	0.4056	0.2110	-0.5655
-0.600	0.5182	0.4646	0.4003	0.2407	-0.5437
-0.700	*******	0.4632	0.3997	0.2564	-0.5078
-0.800	*******	*******	0.3922	0.2757	-0.4305
-0.850	*******	0.4389	0.3832	0.2735	-0.3977
-0.900	0.4626	0.3910	0.3520	0.2669	-0.3556
-0.950	0.3988	0.1274	0.2333	0.1927	-0.1108
-0.975	*******	0.0751	0.0691	0.0606	-0.0662
-1.000	-1.1937	-1.1913	-1.1913	-0.9464	-0.3771

Surface Pressures



Small Radius L.E.

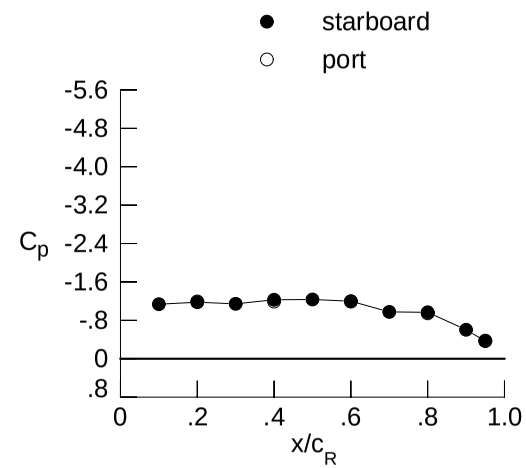
Run No. = 48 , Point No. = 1037

C_N = 1.064, C_m = -0.1834

α = 20.7 °, M_∞ = 0.869

R_{mac} = 59.4×10^6

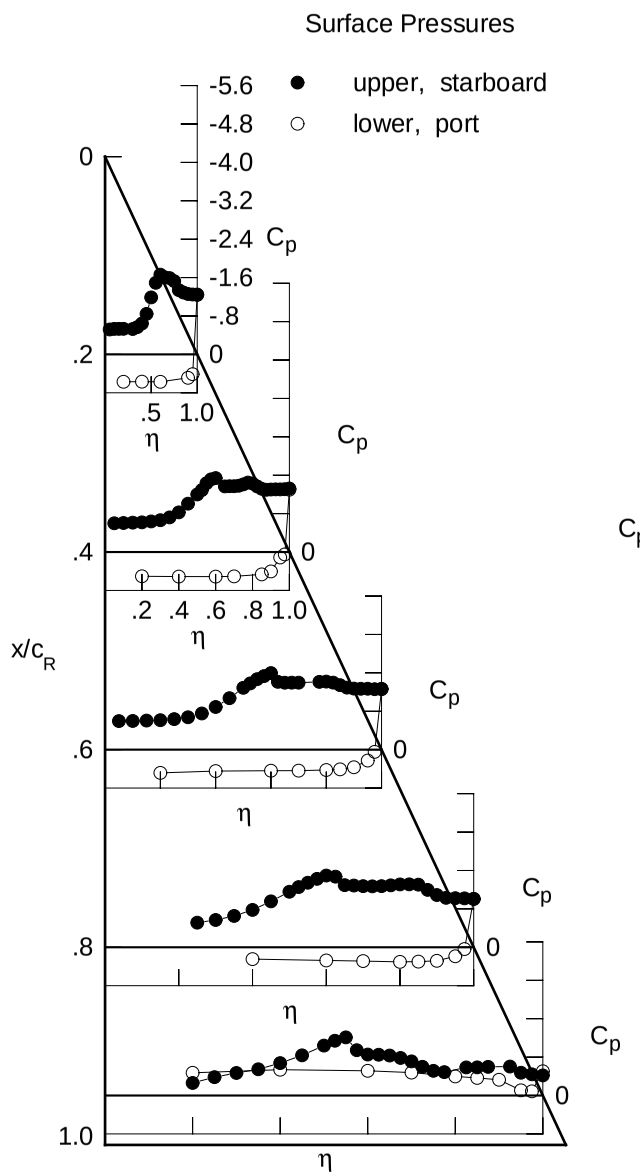
Leading Edge Pressures



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

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 $C_{p,u}$
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	*******	-0.2615
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5706	0.5051	0.4842	*******	-0.4729
-0.400	0.5680	0.5110	0.4466	0.2464	-0.5377
-0.600	0.5715	0.5121	0.4389	0.2741	-0.5147
-0.700	*******	0.5069	0.4375	0.2874	-0.4776
-0.800	*******	*******	0.4245	0.3037	-0.3978
-0.850	*******	0.4653	0.4100	0.2984	-0.3664
-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



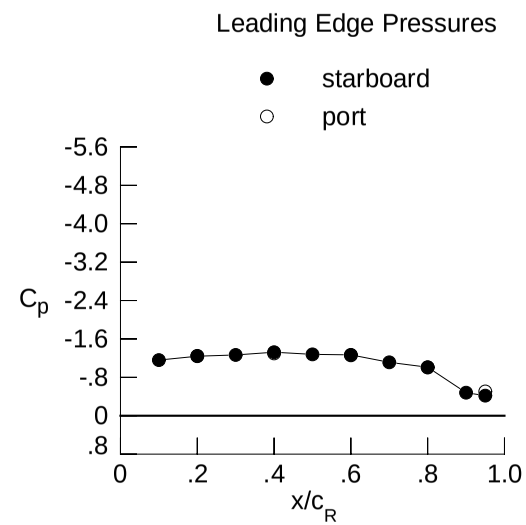
Small Radius L.E.

Run No. = 48 , Point No. = 1038

C_N = 1.163, C_m = -0.1957

α = 22.8 °, M_∞ = 0.870

R_{mac} = 59.3×10^6

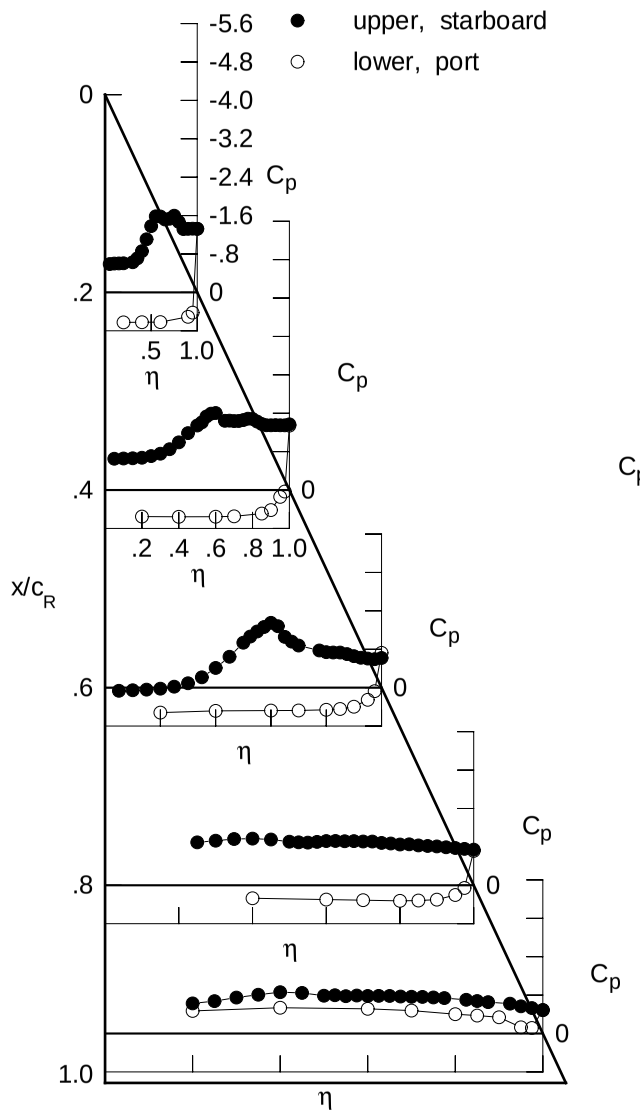


x/c_R	starb'd C_p	port C_p
0.10	-1.1593	*******
0.20	-1.2398	-1.2472
0.30	-1.2662	*******
0.40	-1.3234	-1.2981
0.50	-1.2785	*******
0.60	-1.2681	-1.2585
0.70	-1.1128	*******
0.80	-1.0107	-1.0048
0.90	-0.4802	*******
0.95	-0.4183	-0.5053

Table E5. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.5903	-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	*******	-0.6270
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-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

Surface Pressures



Small Radius L.E.

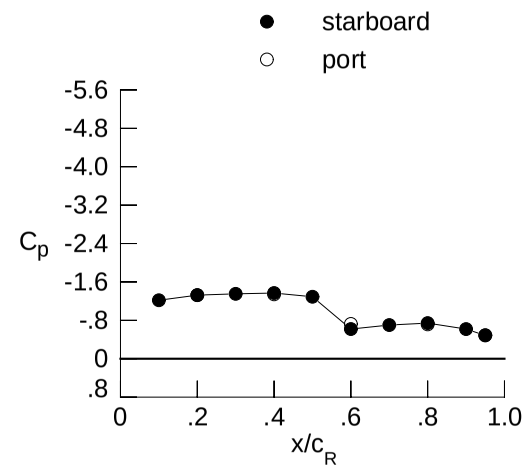
Run No. = 48 , Point No. = 1039

C_N = 1.114, C_m = -0.1738

α = 24.7 °, M_∞ = 0.869

R_{mac} = 59.3×10^6

Leading Edge Pressures

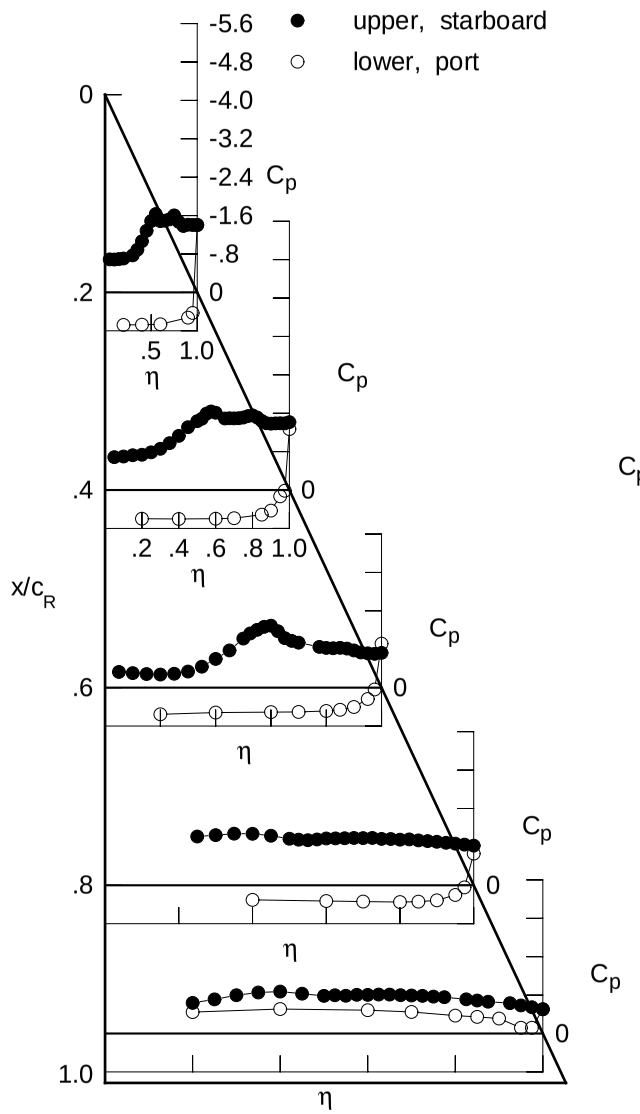


x/c_R	starb'd C_p	port C_p
0.10	-1.2181	*******
0.20	-1.3249	-1.3243
0.30	-1.3519	*******
0.40	-1.3684	-1.3418
0.50	-1.2911	*******
0.60	-0.6182	-0.7249
0.70	-0.7018	*******
0.80	-0.7421	-0.7159
0.90	-0.6180	*******
0.95	-0.4854	-0.4903

Table E5. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,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	*******	-0.6379
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
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.6785	0.5978	0.5556	*******	-0.4464
-0.400	0.6730	0.6022	0.5192	0.3036	-0.5098
-0.600	0.6646	0.5972	0.5104	0.3278	-0.4857
-0.700	*******	0.5876	0.5062	0.3391	-0.4489
-0.800	*******	*******	0.4862	0.3499	-0.3731
-0.850	*******	0.5127	0.4615	0.3406	-0.3464
-0.900	0.5263	0.4287	0.4030	0.3139	-0.3121
-0.950	0.4280	0.1311	0.2364	0.2016	-0.1194
-0.975	*******	0.0146	0.0388	0.0435	-0.1203
-1.000	-1.4087	-1.2693	-0.9159	-0.6601	-0.5052

Surface Pressures



Small Radius L.E.

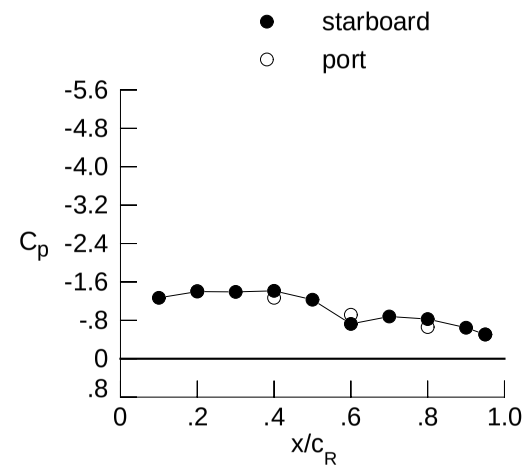
Run No. = 48 , Point No. = 1040

C_N = 1.181, C_m = -0.1811

α = 26.8 °, M_∞ = 0.870

R_{mac} = 59.3×10^6

Leading Edge Pressures

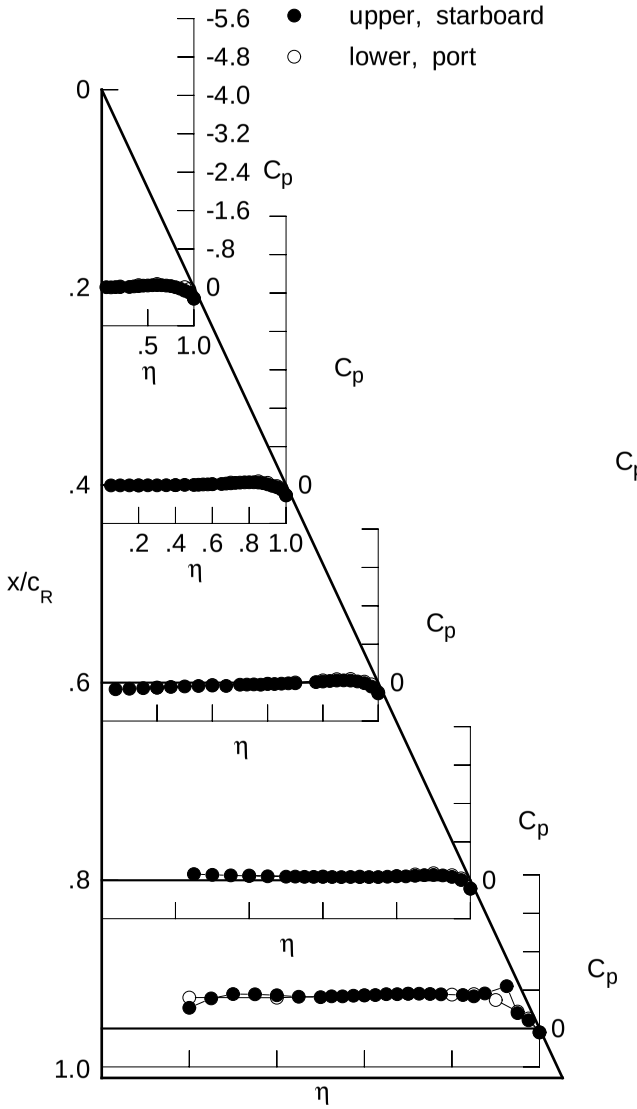


x/c_R	starb'd Cp	port Cp
0.10	-1.2690	*******
0.20	-1.3991	-1.4087
0.30	-1.3924	*******
0.40	-1.4143	-1.2693
0.50	-1.2293	*******
0.60	-0.7247	-0.9159
0.70	-0.8797	*******
0.80	-0.8265	-0.6601
0.90	-0.6460	*******
0.95	-0.5049	-0.5052

Table E5. Concluded.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,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
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,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

Surface Pressures



Small Radius L.E.

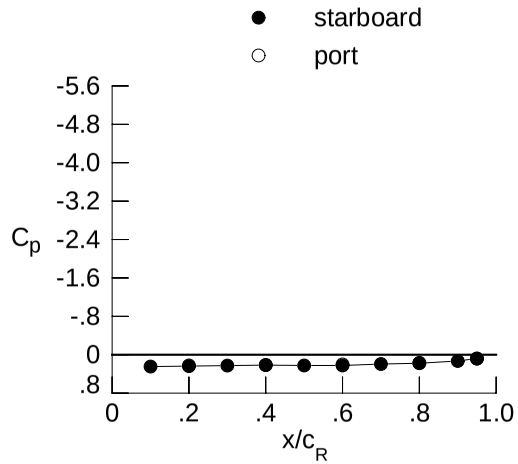
Run No. = 48 , Point No. = 1041

C_N = -0.011, C_m = -0.0001

α = -0.3 °, M_∞ = 0.868

R_{mac} = 59.8×10^6

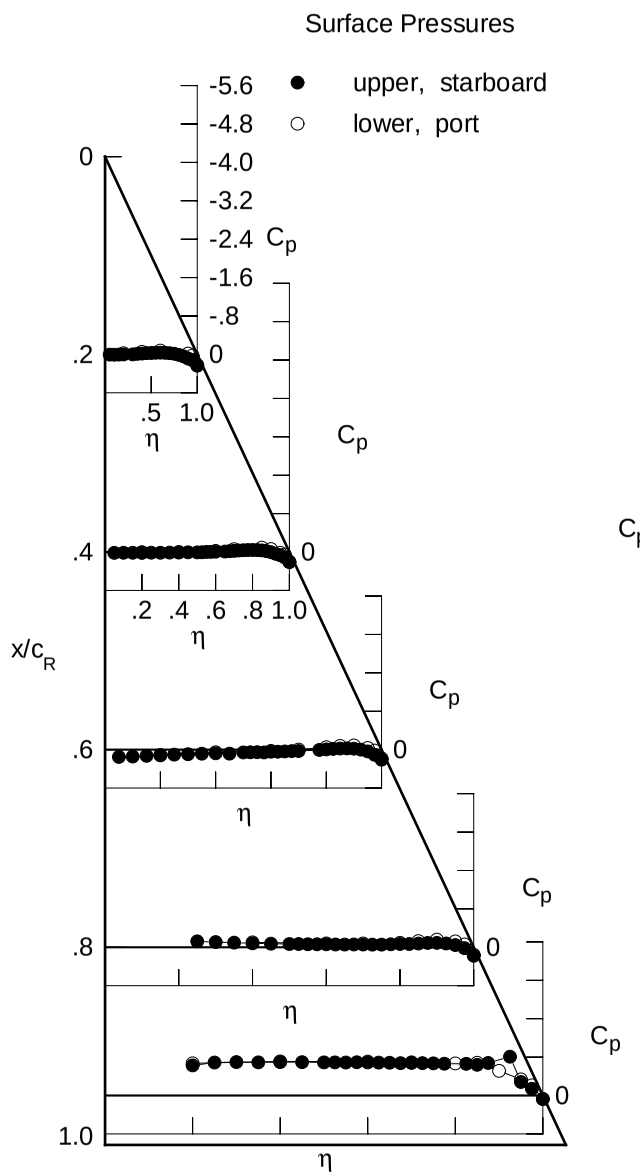
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
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	x/c_R .4	x/c_R .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	0.0048	0.0165	0.1518	*******	*******
0.100	0.0073	0.0155	0.1429	*******	*******
0.150	0.0038	0.0152	0.1292	*******	*******
0.200	0.0012	0.0183	0.1186	*******	-0.6270
0.250	*******	0.0135	0.1042	-0.1237	-0.6868
0.300	-0.0002	0.0150	0.0953	-0.1087	-0.6971
0.350	-0.0118	0.0116	0.0849	-0.0964	-0.6902
0.400	-0.0173	0.0113	0.0760	-0.0827	-0.6964
0.450	-0.0261	0.0057	0.0833	-0.0753	-0.6942
0.500	-0.0290	0.0074	0.0583	-0.0677	-0.6897
0.525	*******	0.0047	0.0551	-0.0683	-0.6897
0.550	-0.0348	-0.0021	0.0525	-0.0631	-0.6875
0.575	*******	-0.0036	0.0583	-0.0627	-0.6927
0.600	-0.0358	-0.0069	0.0433	-0.0621	-0.6900
0.625	*******	*******	0.0433	-0.0582	-0.6857
0.650	-0.0338	-0.0104	0.0378	-0.0566	-0.6823
0.675	*******	-0.0186	0.0300	-0.0587	-0.6732
0.700	-0.0250	-0.0245	0.0288	-0.0573	-0.6790
0.725	*******	-0.0320	*******	-0.0555	-0.6745
0.750	-0.0132	-0.0372	*******	-0.0555	-0.6698
0.775	*******	-0.0418	0.0065	-0.0625	-0.6627
0.800	0.0100	-0.0422	-0.0050	-0.0691	*******
0.825	*******	-0.0407	-0.0151	-0.0681	-0.6602
0.850	0.0401	-0.0346	-0.0234	-0.0779	-0.6398
0.875	*******	-0.0203	-0.0258	-0.0903	-0.6783
0.900	0.0852	0.0031	-0.0203	-0.0919	*******
0.925	*******	0.0364	0.0003	-0.0795	-0.8088
0.950	0.1232	0.0660	0.0371	-0.0465	-0.2819
0.975	*******	0.1134	0.1074	0.0179	-0.1412
1.000	0.2361	0.2107	0.2099	0.1766	0.0713
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0237	0.0014	0.1123	*******	-0.6713
-0.400	-0.0533	-0.0016	0.0555	-0.1025	-0.7102
-0.600	-0.0792	-0.0230	0.0255	-0.0804	-0.7066
-0.700	*******	-0.0590	-0.0012	-0.0791	-0.6913
-0.800	*******	*******	-0.0501	-0.0939	-0.6688
-0.850	*******	-0.0916	-0.0779	-0.1288	-0.6827
-0.900	-0.0165	-0.0622	-0.0869	-0.1592	-0.5137
-0.950	0.0222	0.0159	-0.0342	-0.1231	-0.3361
-0.975	*******	0.0512	0.0194	-0.0585	-0.2119
-1.000	0.2187	0.2023	0.1826	0.1558	0.0739



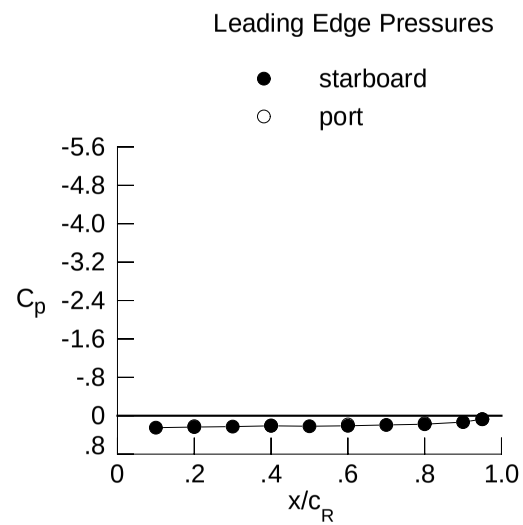
Small Radius L.E.

Run No. = 49 , Point No. = 1042

C_N = -0.024, C_m = 0.0023

α = -0.7 °, M_∞ = 0.899

$R_{mac} = 59.9 \times 10^6$

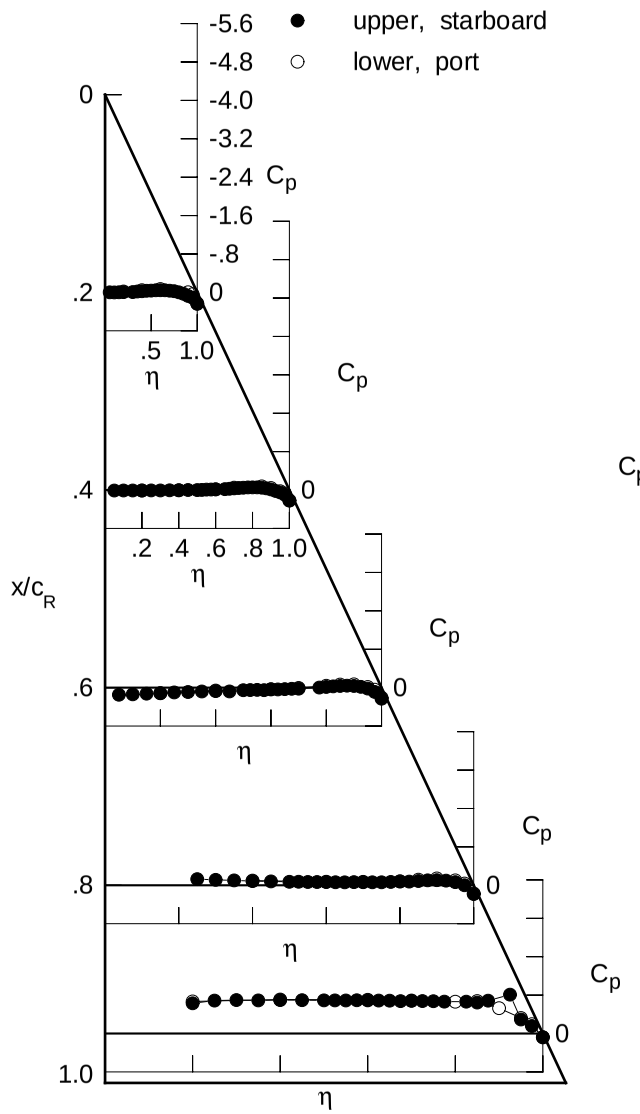


x/c_R	starb'd C_p	port C_p
0.10	0.2491	*******
0.20	0.2361	0.2187
0.30	0.2265	*******
0.40	0.2107	0.2023
0.50	0.2190	*******
0.60	0.2099	0.1826
0.70	0.1922	*******
0.80	0.1766	0.1558
0.90	0.1327	*******
0.95	0.0713	0.0739

Table E6. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,u
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	*******	-0.6300
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
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-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

Surface Pressures



Small Radius L.E.

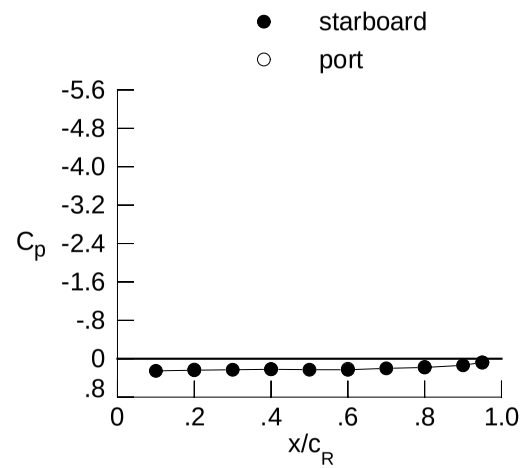
Run No. = 49 , Point No. = 1043

C_N = -0.010, C_m = -0.0006

α = -0.4 °, M_∞ = 0.901

$R_{mac} = 59.8 \times 10^6$

Leading Edge Pressures

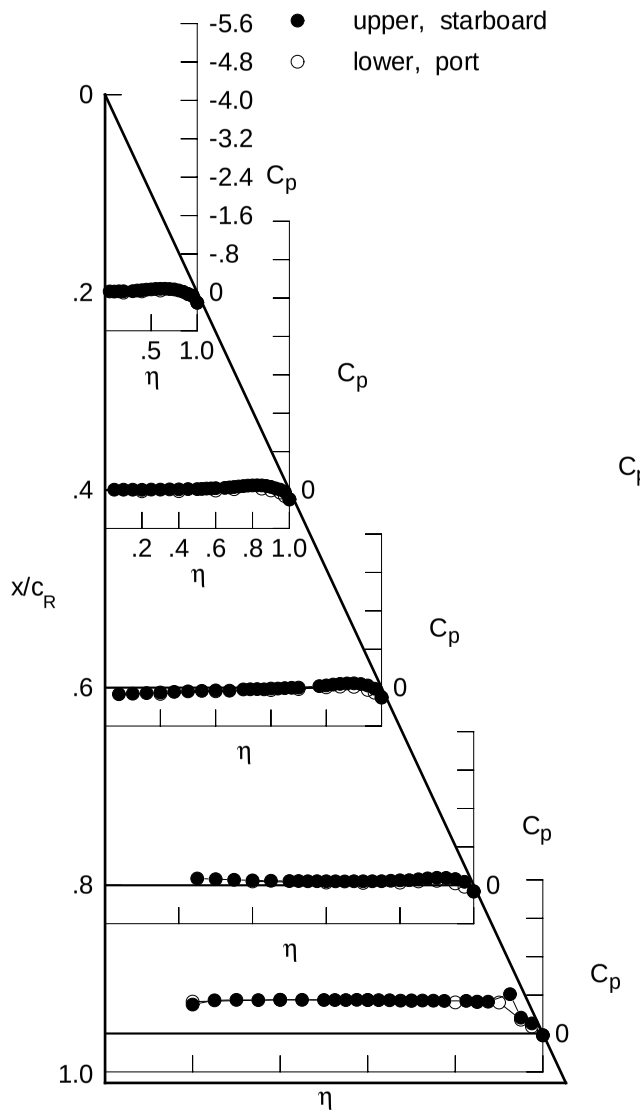


x/c_R	starb'd Cp	port Cp
0.10	0.2527	*******
0.20	0.2396	0.2266
0.30	0.2297	*******
0.40	0.2204	0.2153
0.50	0.2284	*******
0.60	0.2300	0.2091
0.70	0.2005	*******
0.80	0.1823	0.1714
0.90	0.1370	*******
0.95	0.0763	0.0812

Table E6. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,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	*******	-0.6028
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
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.0048	0.0265	0.1304	*******	-0.6647
-0.400	-0.0210	0.0242	0.0759	-0.0803	-0.7036
-0.600	-0.0384	0.0103	0.0514	-0.0564	-0.6960
-0.700	*******	-0.0180	0.0295	-0.0494	-0.6783
-0.800	*******	*******	-0.0061	-0.0548	-0.6483
-0.850	*******	-0.0294	-0.0226	-0.0812	-0.6562
-0.900	0.0374	0.0076	-0.0165	-0.0930	-0.6457
-0.950	0.0775	0.0528	0.0471	-0.0399	-0.2878
-0.975	*******	0.1266	0.1057	0.0301	-0.1448
-1.000	0.2124	0.1982	0.1964	0.1338	0.0330

Surface Pressures



Small Radius L.E.

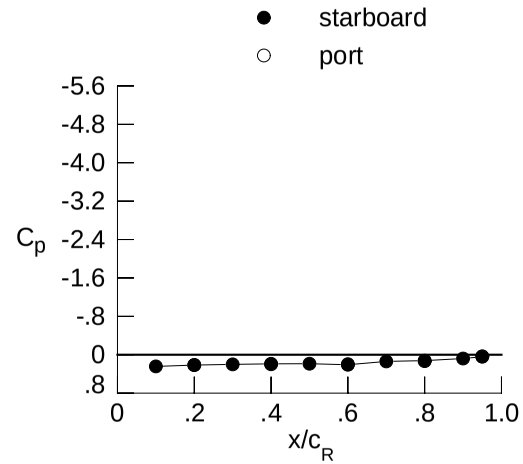
Run No. = 49 , Point No. = 1044

C_N = 0.035, C_m = -0.0096

α = 0.7 °, M_∞ = 0.899

$R_{mac} = 59.8 \times 10^6$

Leading Edge Pressures

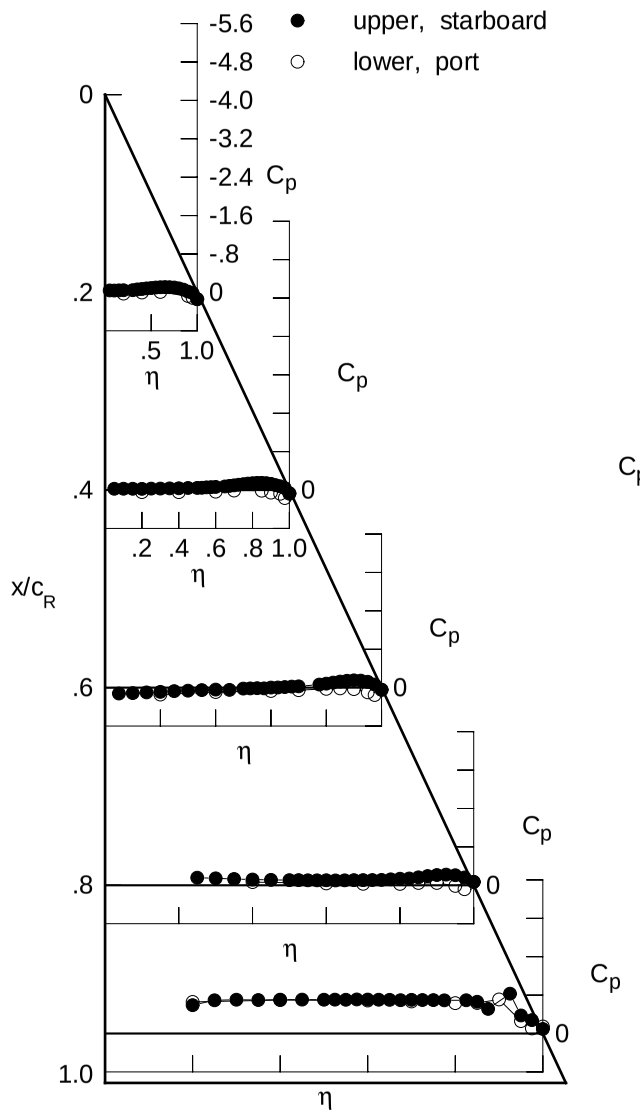


x/c_R	starb'd Cp	port Cp
0.10	0.2436	*******
0.20	0.2159	0.2124
0.30	0.2007	*******
0.40	0.1898	0.1982
0.50	0.1870	*******
0.60	0.2089	0.1964
0.70	0.1390	*******
0.80	0.1229	0.1338
0.90	0.0792	*******
0.95	0.0410	0.0330

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	-0.0405	-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	*******	-0.5907
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0246	0.0435	0.1438	*******	-0.6579
-0.400	0.0021	0.0437	0.0910	-0.0664	-0.6970
-0.600	-0.0094	0.0336	0.0693	-0.0394	-0.6874
-0.700	*******	0.0106	0.0525	-0.0314	-0.6676
-0.800	*******	*******	0.0247	-0.0291	-0.6324
-0.850	*******	0.0137	0.0150	-0.0486	-0.6358
-0.900	0.0742	0.0537	0.0303	-0.0486	-0.7099
-0.950	0.1142	0.0774	0.0973	0.0130	-0.2581
-0.975	*******	0.1674	0.1535	0.0813	-0.1054
-1.000	0.1395	0.0779	0.0419	-0.0691	-0.1461

Surface Pressures



Small Radius L.E.

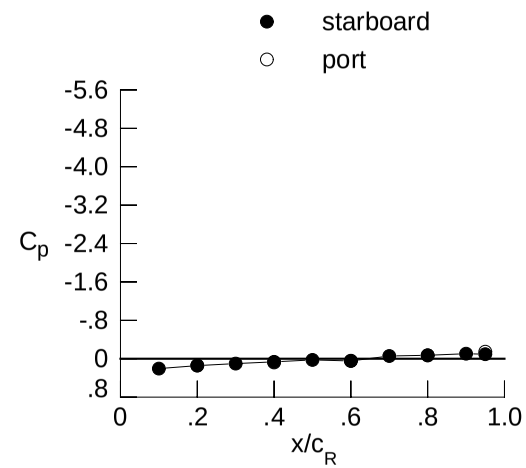
Run No. = 49 , Point No. = 1045

C_N = 0.077, C_m = -0.0154

α = 1.8 °, M_∞ = 0.900

$R_{mac} = 60.0 \times 10^6$

Leading Edge Pressures

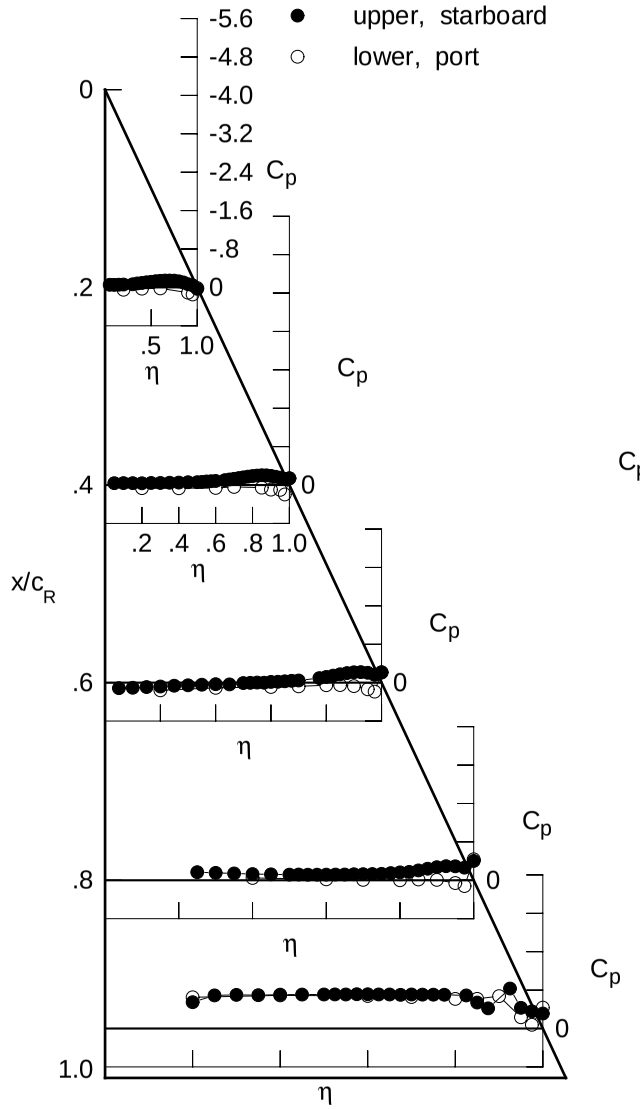


x/c_R	starb'd C_p	port C_p
0.10	0.2054	*******
0.20	0.1436	0.1395
0.30	0.1013	*******
0.40	0.0647	0.0779
0.50	0.0246	*******
0.60	0.0464	0.0419
0.70	-0.0568	*******
0.80	-0.0719	-0.0691
0.90	-0.1044	*******
0.95	-0.0942	-0.1461

Table E6. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.0540	-0.0380	0.1149	*******	*******
0.100	-0.0523	-0.0398	0.1064	*******	*******
0.150	-0.0561	-0.0389	0.0923	*******	*******
0.200	-0.0590	-0.0371	0.0808	*******	-0.5478
0.250	*******	-0.0433	0.0641	-0.1684	-0.6897
0.300	-0.0646	-0.0435	0.0549	-0.1545	-0.7011
0.350	-0.0821	-0.0480	0.0428	-0.1427	-0.6945
0.400	-0.0922	-0.0509	0.0323	-0.1297	-0.7054
0.450	-0.1064	-0.0581	0.0366	-0.1237	-0.7074
0.500	-0.1160	-0.0595	0.0084	-0.1180	-0.7085
0.525	*******	-0.0643	0.0041	-0.1197	-0.7102
0.550	-0.1288	-0.0741	-0.0016	-0.1159	-0.7089
0.575	*******	-0.0795	0.0015	-0.1171	-0.7145
0.600	-0.1372	-0.0851	-0.0150	-0.1177	-0.7134
0.625	*******	*******	-0.0185	-0.1190	-0.7098
0.650	-0.1431	-0.1016	-0.0279	-0.1197	-0.7089
0.675	*******	-0.1160	-0.0387	-0.1253	-0.7012
0.700	-0.1432	-0.1294	-0.0449	-0.1270	-0.7089
0.725	*******	-0.1451	*******	-0.1303	-0.7059
0.750	-0.1408	-0.1601	*******	-0.1345	-0.7049
0.775	*******	-0.1750	-0.0947	-0.1495	-0.7029
0.800	-0.1264	-0.1873	-0.1185	-0.1647	*******
0.825	*******	-0.1978	-0.1464	-0.1747	-0.6890
0.850	-0.1032	-0.2037	-0.1742	-0.2053	-0.5407
0.875	*******	-0.2022	-0.1990	-0.2409	-0.4201
0.900	-0.0665	-0.1910	-0.2157	-0.2731	*******
0.925	*******	-0.1718	-0.2194	-0.2934	-0.8328
0.950	-0.0426	-0.1541	-0.2057	-0.2915	-0.4309
0.975	*******	-0.1292	-0.1626	-0.2628	-0.3578
1.000	0.0293	-0.1423	-0.2096	-0.4035	-0.3119
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0487	0.0645	0.1603	*******	-0.6503
-0.400	0.0262	0.0672	0.1084	-0.0488	-0.6903
-0.600	0.0208	0.0599	0.0901	-0.0198	-0.6778
-0.700	*******	0.0392	0.0769	-0.0089	-0.6559
-0.800	*******	*******	0.0537	-0.0009	-0.6165
-0.850	*******	0.0544	0.0502	-0.0178	-0.6179
-0.900	0.1095	0.0952	0.0718	-0.0089	-0.6742
-0.950	0.1475	0.0999	0.1387	0.0573	-0.2345
-0.975	*******	0.1969	0.1875	0.1200	-0.0775
-1.000	0.0128	-0.1363	-0.2195	-0.4374	-0.4354

Surface Pressures



Small Radius L.E.

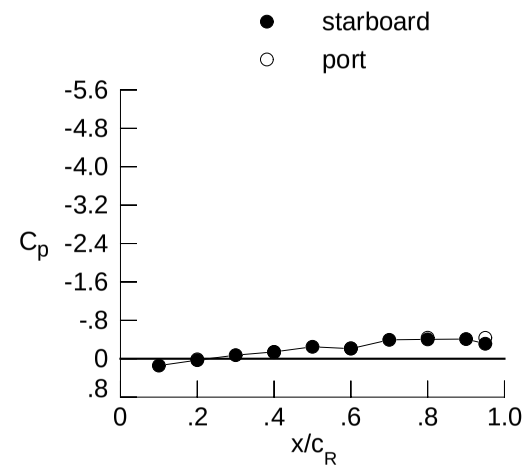
Run No. = 49 , Point No. = 1046

C_N = 0.121, C_m = -0.0244

α = 2.9 °, M_∞ = 0.899

R_{mac} = 59.9×10^6

Leading Edge Pressures

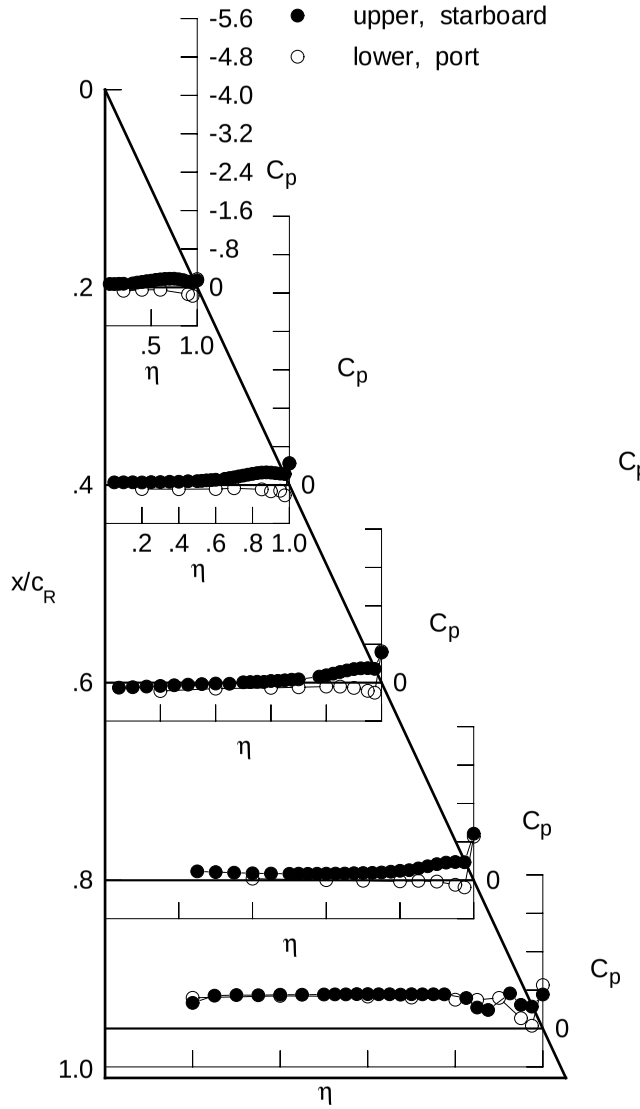


x/c_R	starb'd C_p	port C_p
0.10	0.1432	*******
0.20	0.0293	0.0128
0.30	-0.0746	*******
0.40	-0.1423	-0.1363
0.50	-0.2487	*******
0.60	-0.2096	-0.2195
0.70	-0.3938	*******
0.80	-0.4035	-0.4374
0.90	-0.4096	*******
0.95	-0.3119	-0.4354

Table E6. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,u
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	*******	-0.5334
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
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-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

Surface Pressures



Small Radius L.E.

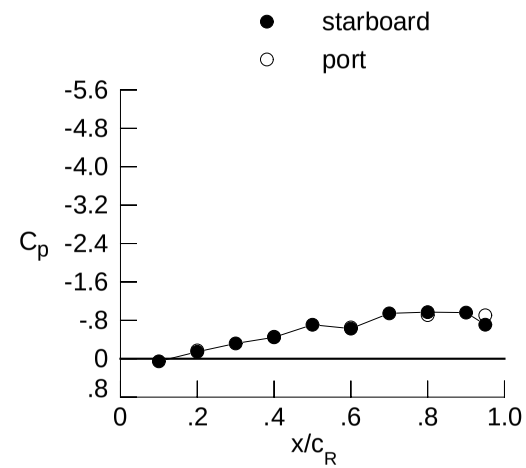
Run No. = 49 , Point No. = 1047

C_N = 0.166, C_m = -0.0331

α = 3.9 °, M_∞ = 0.901

R_{mac} = 59.9×10^6

Leading Edge Pressures

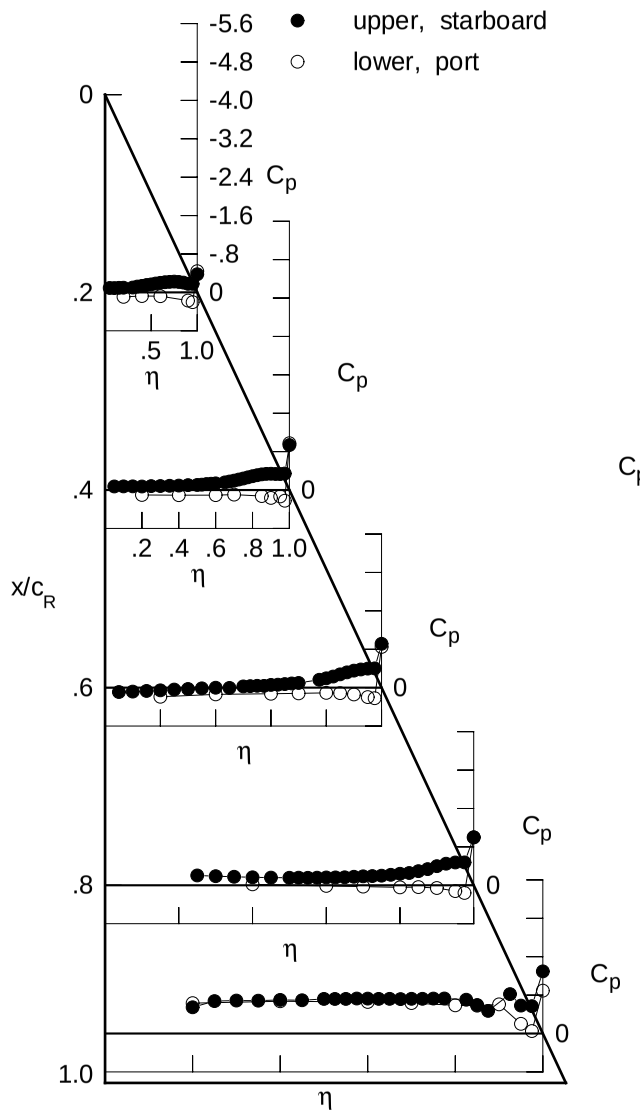


x/c_R	starb'd Cp	port Cp
0.10	0.0548	*******
0.20	-0.1446	-0.1731
0.30	-0.3184	*******
0.40	-0.4465	-0.4577
0.50	-0.7083	*******
0.60	-0.6274	-0.6520
0.70	-0.9451	*******
0.80	-0.9708	-0.9092
0.90	-0.9610	*******
0.95	-0.7091	-0.9047

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	*******	*******
0.100	-0.0898	-0.0759	0.0826	*******	*******
0.150	-0.0955	-0.0769	0.0684	*******	*******
0.200	-0.0979	-0.0740	0.0558	*******	-0.5463
0.250	*******	-0.0816	0.0398	-0.2045	-0.6754
0.300	-0.1011	-0.0831	0.0278	-0.1898	-0.6868
0.350	-0.1219	-0.0891	0.0141	-0.1775	-0.6842
0.400	-0.1354	-0.0927	0.0017	-0.1662	-0.7001
0.450	-0.1534	-0.1024	0.0053	-0.1601	-0.6925
0.500	-0.1667	-0.1053	-0.0253	-0.1568	-0.7204
0.525	*******	-0.1119	-0.0312	-0.1584	-0.7203
0.550	-0.1850	-0.1246	-0.0380	-0.1557	-0.7212
0.575	*******	-0.1312	-0.0370	-0.1581	-0.7287
0.600	-0.1992	-0.1395	-0.0566	-0.1630	-0.7271
0.625	*******	*******	-0.0613	-0.1637	-0.7213
0.650	-0.2116	-0.1591	-0.0740	-0.1667	-0.7224
0.675	*******	-0.1778	-0.0874	-0.1774	-0.7166
0.700	-0.2189	-0.1958	-0.0979	-0.1861	-0.7233
0.725	*******	-0.2183	*******	-0.1917	-0.7229
0.750	-0.2247	-0.2400	*******	-0.1999	-0.7283
0.775	*******	-0.2648	-0.1640	-0.2185	-0.7293
0.800	-0.2177	-0.2880	-0.1943	-0.2399	*******
0.825	*******	-0.3089	-0.2314	-0.2558	-0.7038
0.850	-0.2036	-0.3264	-0.2764	-0.2941	-0.5938
0.875	*******	-0.3368	-0.3183	-0.3371	-0.4709
0.900	-0.1783	-0.3388	-0.3542	-0.3987	*******
0.925	*******	-0.3341	-0.3780	-0.4500	-0.8211
0.950	-0.1775	-0.3331	-0.3961	-0.4752	-0.5819
0.975	*******	-0.3440	-0.4015	-0.4766	-0.5695
1.000	-0.3778	-0.9371	-0.9140	-1.0000	-1.2943
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0925	0.1028	0.1898	*******	-0.6326
-0.400	0.0758	0.1076	0.1403	-0.0199	-0.6717
-0.600	0.0792	0.1066	0.1271	0.0130	-0.6577
-0.700	*******	0.0953	0.1190	0.0271	-0.6342
-0.800	*******	*******	0.1090	0.0432	-0.5873
-0.850	*******	0.1254	0.1143	0.0373	-0.5797
-0.900	0.1706	0.1639	0.1420	0.0566	-0.6070
-0.950	0.2030	0.1327	0.1969	0.1208	-0.2013
-0.975	*******	0.2221	0.2197	0.1589	-0.0512
-1.000	-0.4417	-0.9749	-0.8480	-0.9974	-0.8925

Surface Pressures



Small Radius L.E.

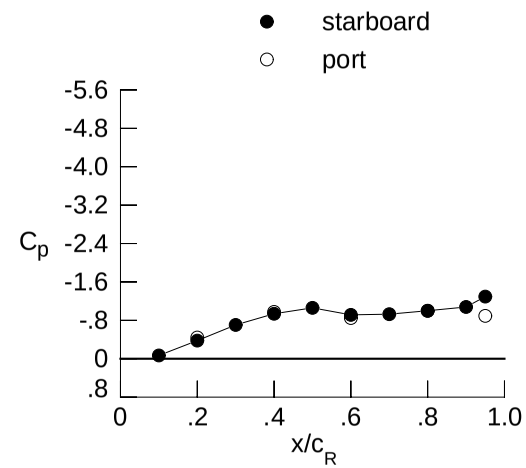
Run No. = 49 , Point No. = 1048

C_N = 0.214, C_m = -0.0429

α = 5.0 °, M_∞ = 0.901

R_{mac} = 59.9×10^6

Leading Edge Pressures

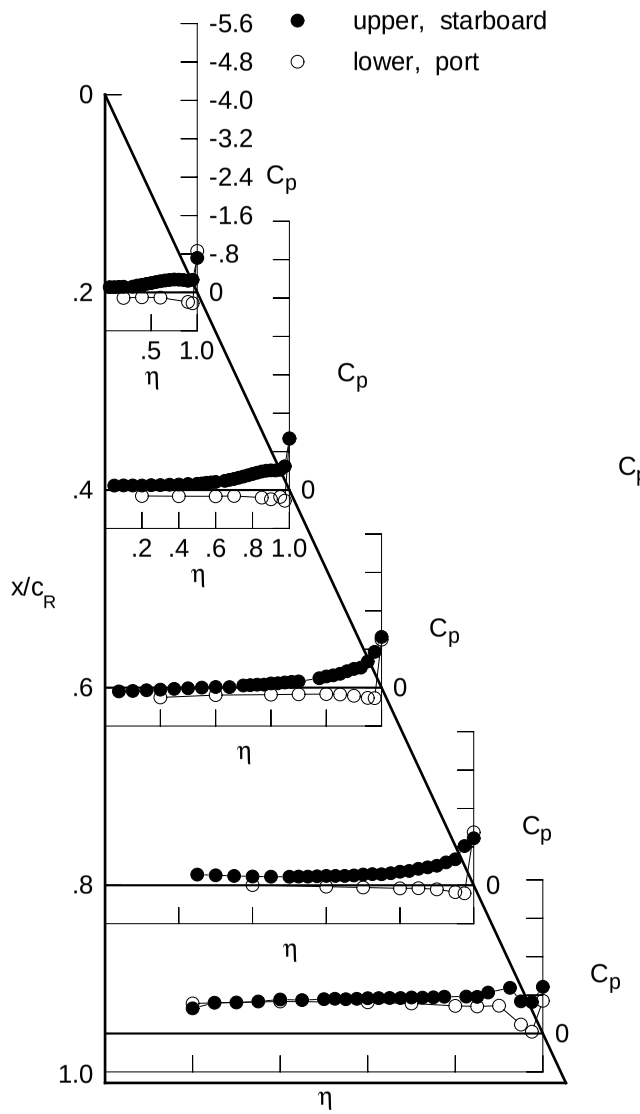


x/c_R	starb'd C_p	port C_p
0.10	-0.0681	*******
0.20	-0.3778	-0.4417
0.30	-0.7042	*******
0.40	-0.9371	-0.9749
0.50	-1.0602	*******
0.60	-0.9140	-0.8480
0.70	-0.9284	*******
0.80	-1.0000	-0.9974
0.90	-1.0780	*******
0.95	-1.2943	-0.8925

Table E6. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,u
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	*******	-0.5236
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
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.1152	0.1238	0.2039	*******	-0.6264
-0.400	0.1020	0.1290	0.1556	-0.0048	-0.6668
-0.600	0.1091	0.1304	0.1456	0.0289	-0.6506
-0.700	*******	0.1230	0.1384	0.0457	-0.6264
-0.800	*******	*******	0.1338	0.0638	-0.5755
-0.850	*******	0.1577	0.1416	0.0610	-0.5641
-0.900	0.1990	0.1931	0.1695	0.0846	-0.5794
-0.950	0.2263	0.1430	0.2137	0.1414	-0.1864
-0.975	*******	0.2224	0.2183	0.1664	-0.0375
-1.000	-0.8629	-1.0767	-0.9989	-1.1032	-0.6818

Surface Pressures



Small Radius L.E.

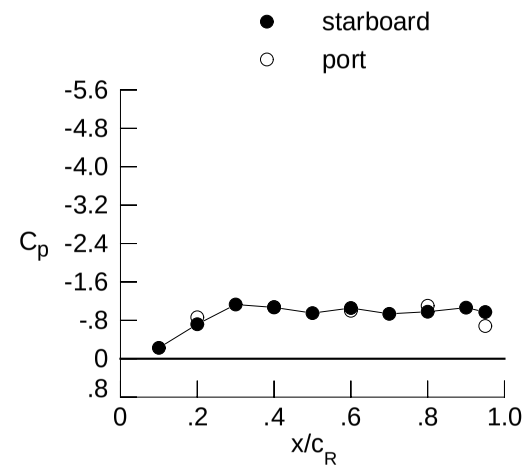
Run No. = 49 , Point No. = 1049

C_N = 0.266, C_m = -0.0540

α = 6.0 °, M_∞ = 0.899

R_{mac} = 60.0×10^6

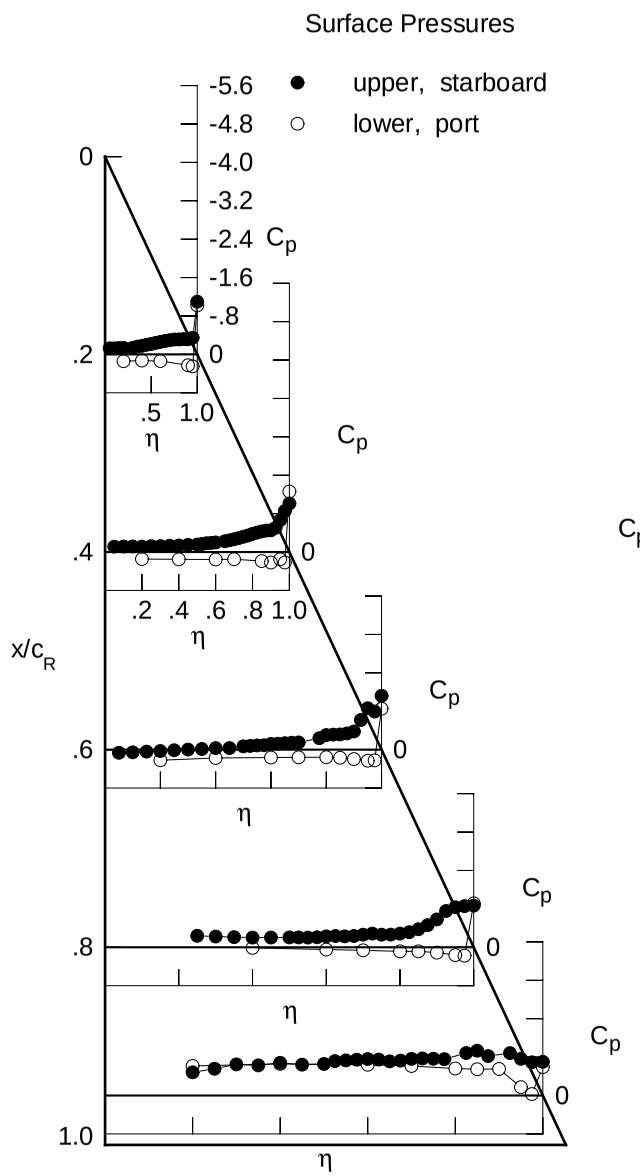
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
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 $C_{p,u}$	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	-0.1261	-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	*******	-0.4833
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1412	0.1458	0.2210	*******	-0.6159
-0.400	0.1290	0.1521	0.1741	0.0122	-0.6582
-0.600	0.1393	0.1553	0.1642	0.0469	-0.6408
-0.700	*******	0.1503	0.1602	0.0630	-0.6152
-0.800	*******	*******	0.1584	0.0851	-0.5617
-0.850	*******	0.1877	0.1685	0.0850	-0.5474
-0.900	0.2260	0.2187	0.1958	0.1112	-0.5525
-0.950	0.2484	0.1503	0.2305	0.1621	-0.1734
-0.975	*******	0.2172	0.2234	0.1741	-0.0300
-1.000	-1.0217	-1.2605	-0.8532	-0.9161	-0.5913



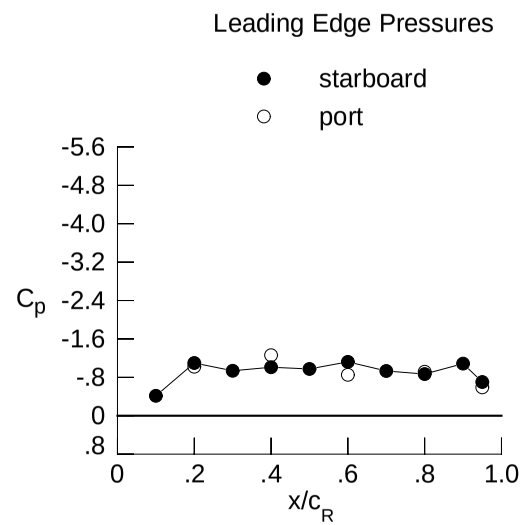
Small Radius L.E.

Run No. = 49 , Point No. = 1050

C_N = 0.321, C_m = -0.0662

α = 7.1 °, M_∞ = 0.899

R_{mac} = 59.9×10^6

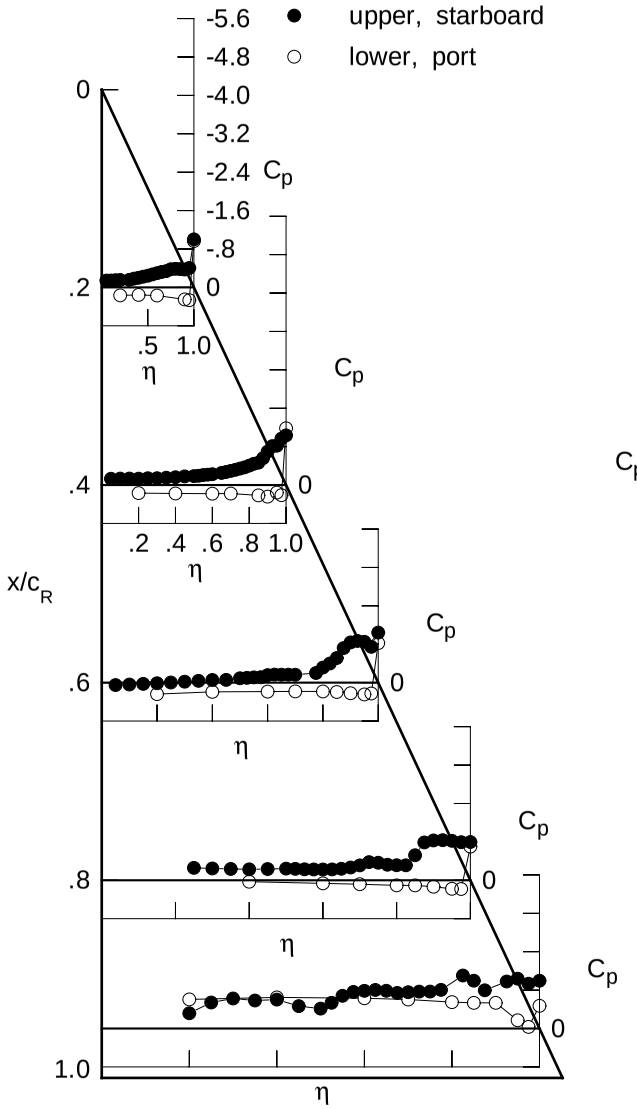


x/c_R	starb'd C_p	port C_p
0.10	-0.4148	*******
0.20	-1.0984	-1.0217
0.30	-0.9367	*******
0.40	-1.0101	-1.2605
0.50	-0.9745	*******
0.60	-1.1226	-0.8532
0.70	-0.9324	*******
0.80	-0.8683	-0.9161
0.90	-1.0854	*******
0.95	-0.7027	-0.5913

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	-0.1425	-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



Small Radius L.E.

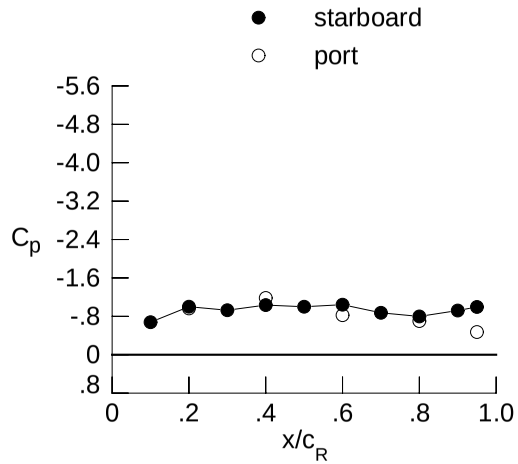
Run No. = 49 , Point No. = 1051

C_N = 0.383, C_m = -0.0811

α = 8.2 °, M_∞ = 0.899

R_{mac} = 59.9×10^6

Leading Edge Pressures

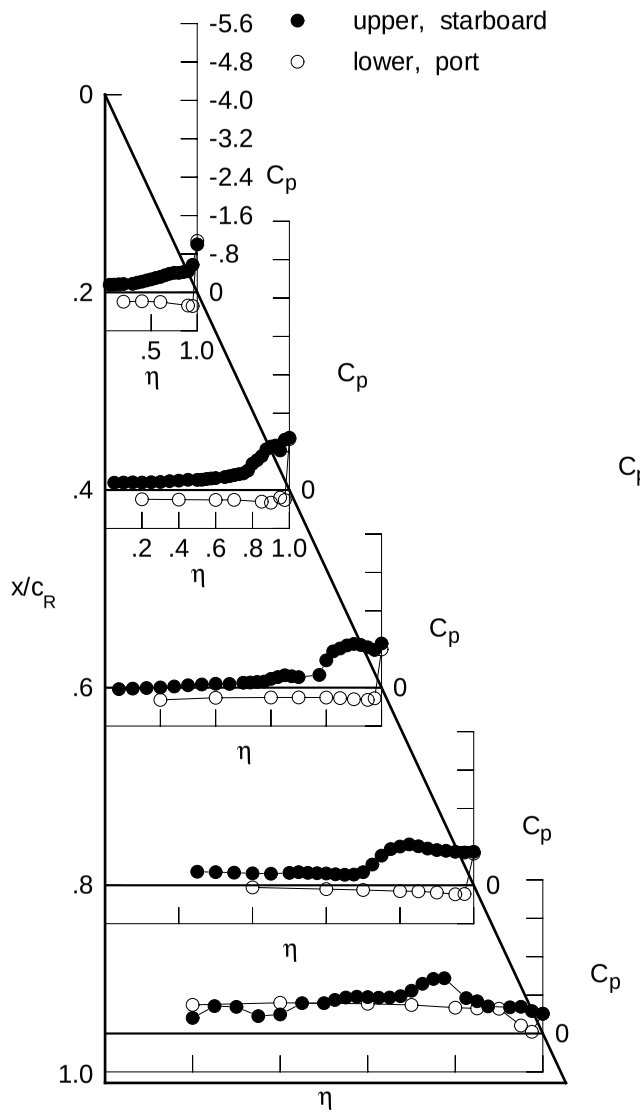


x/c_R	starb'd C_p	port C_p
0.10	-0.6775	*******
0.20	-1.0005	-0.9650
0.30	-0.9271	*******
0.40	-1.0345	-1.1822
0.50	-0.9997	*******
0.60	-1.0428	-0.8238
0.70	-0.8733	*******
0.80	-0.7979	-0.7013
0.90	-0.9210	*******
0.95	-0.9951	-0.4725

Table E6. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.1592	-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	*******	-0.3247
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1935	0.1925	0.2553	*******	-0.5964
-0.400	0.1856	0.1997	0.2109	0.0451	-0.6400
-0.600	0.2001	0.2060	0.2056	0.0800	-0.6200
-0.700	*******	0.2050	0.2037	0.0986	-0.5941
-0.800	*******	*******	0.2066	0.1223	-0.5383
-0.850	*******	0.2425	0.2182	0.1257	-0.5220
-0.900	0.2735	0.2634	0.2420	0.1515	-0.5160
-0.950	0.2838	0.1579	0.2554	0.1881	-0.1665
-0.975	*******	0.2081	0.2227	0.1813	-0.0360
-1.000	-1.0719	-1.0614	-0.7957	-0.6599	-0.4105

Surface Pressures



Small Radius L.E.

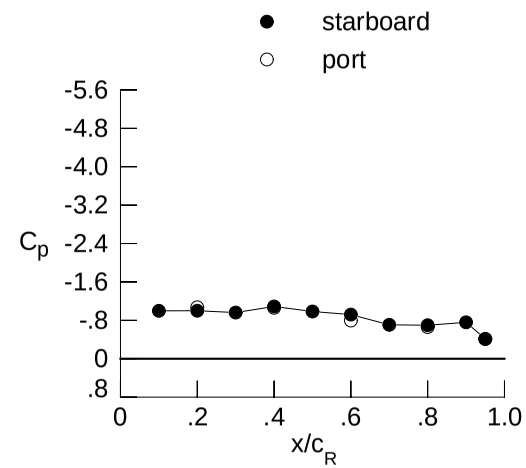
Run No. = 49 , Point No. = 1052

C_N = 0.444, C_m = -0.0934

α = 9.2 °, M_∞ = 0.899

R_{mac} = 59.9×10^6

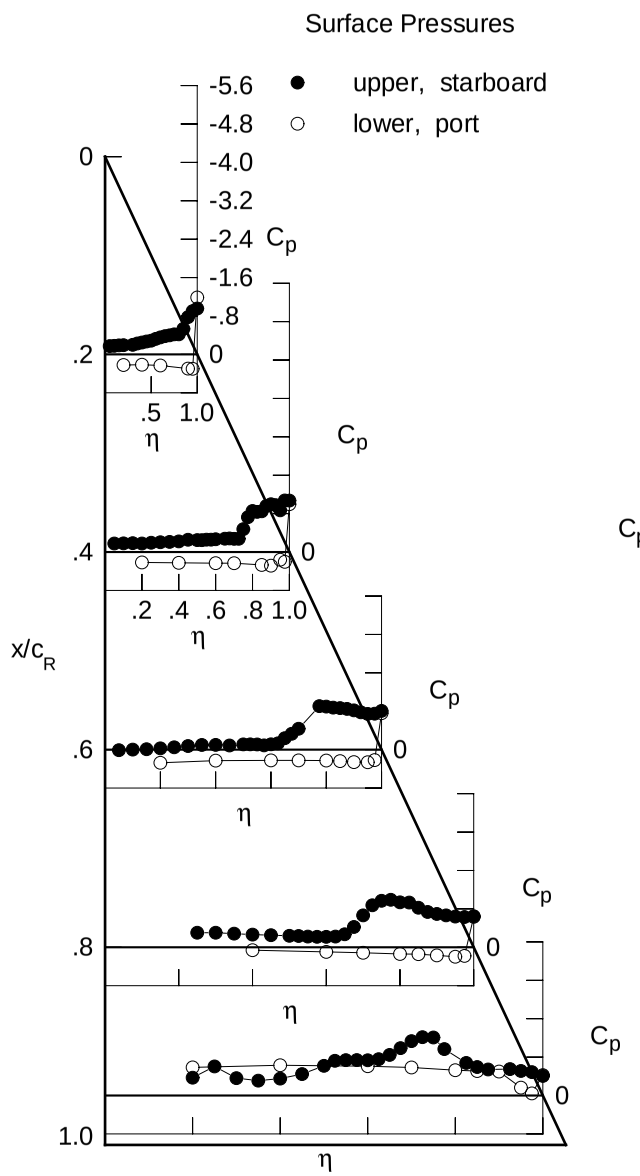
Leading Edge Pressures



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

Table E6. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,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	*******	-0.3712
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
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2215	0.2169	0.2740	*******	-0.5860
-0.400	0.2148	0.2247	0.2291	0.0605	-0.6302
-0.600	0.2314	0.2322	0.2240	0.0960	-0.6103
-0.700	*******	0.2326	0.2237	0.1144	-0.5837
-0.800	*******	*******	0.2275	0.1392	-0.5273
-0.850	*******	0.2685	0.2393	0.1434	-0.5097
-0.900	0.2961	0.2840	0.2597	0.1685	-0.4994
-0.950	0.2997	0.1600	0.2626	0.1970	-0.1640
-0.975	*******	0.2037	0.2173	0.1793	-0.0440
-1.000	-1.1855	-0.9969	-0.7592	-0.6348	-0.4251



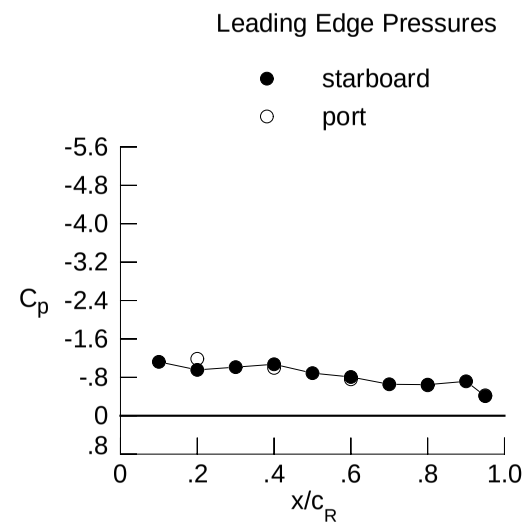
Small Radius L.E.

Run No. = 49 , Point No. = 1053

C_N = 0.503, C_m = -0.1025

α = 10.3 °, M_∞ = 0.900

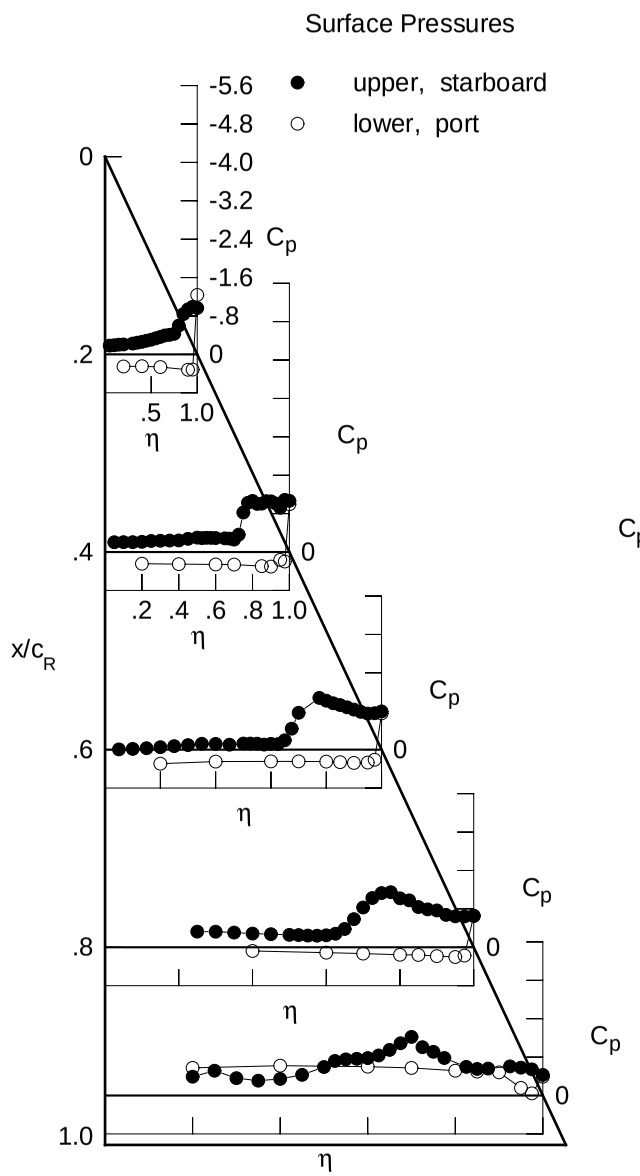
R_{mac} = 59.9×10^6



x/c_R	starb'd Cp	port Cp
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

Table E6. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,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	*******	-0.3917
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
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2521	0.2431	0.2925	*******	-0.5756
-0.400	0.2467	0.2518	0.2485	0.0765	-0.6213
-0.600	0.2637	0.2589	0.2451	0.1124	-0.6006
-0.700	*******	0.2610	0.2451	0.1310	-0.5746
-0.800	*******	*******	0.2494	0.1560	-0.5169
-0.850	*******	0.2938	0.2606	0.1597	-0.4987
-0.900	0.3199	0.3035	0.2770	0.1838	-0.4822
-0.950	0.3170	0.1637	0.2689	0.2027	-0.1581
-0.975	*******	0.1972	0.2113	0.1726	-0.0451
-1.000	-1.2384	-0.9961	-0.7553	-0.6589	-0.3910



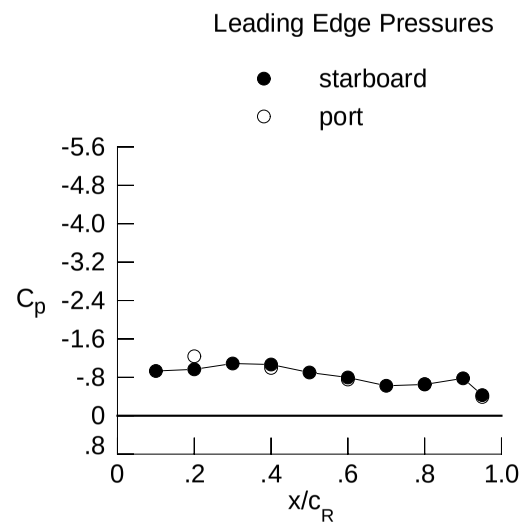
Small Radius L.E.

Run No. = 49 , Point No. = 1054

C_N = 0.564, C_m = -0.1129

α = 11.3 °, M_∞ = 0.899

$R_{mac} = 59.8 \times 10^6$

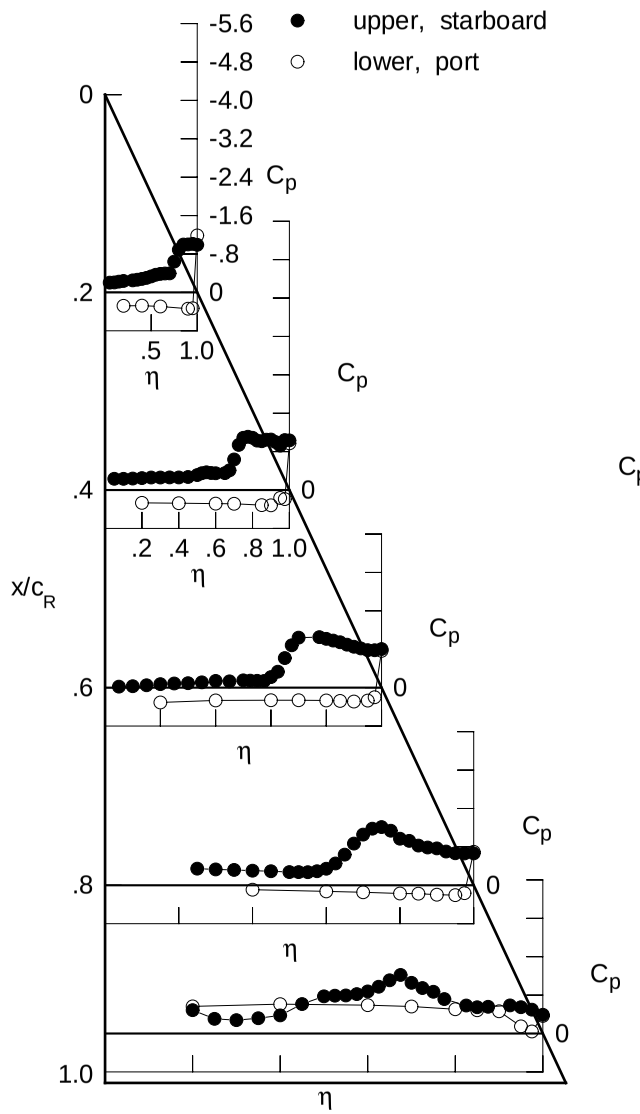


x/c_R	starb'd Cp	port Cp
0.10	-0.9317	*******
0.20	-0.9664	-1.2384
0.30	-1.0878	*******
0.40	-1.0670	-0.9961
0.50	-0.9004	*******
0.60	-0.7967	-0.7553
0.70	-0.6242	*******
0.80	-0.6509	-0.6589
0.90	-0.7792	*******
0.95	-0.4286	-0.3910

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	-0.2031	-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	*******	-0.4864
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2801	0.2671	0.3085	*******	-0.5649
-0.400	0.2763	0.2742	0.2663	0.0919	-0.6116
-0.600	0.2934	0.2834	0.2624	0.1270	-0.5905
-0.700	*******	0.2861	0.2627	0.1455	-0.5626
-0.800	*******	*******	0.2670	0.1710	-0.5053
-0.850	*******	0.3146	0.2769	0.1745	-0.4850
-0.900	0.3398	0.3188	0.2893	0.1959	-0.4635
-0.950	0.3304	0.1651	0.2697	0.2053	-0.1488
-0.975	*******	0.1888	0.2000	0.1638	-0.0422
-1.000	-1.1863	-0.9725	-0.7660	-0.6978	-0.3666

Surface Pressures



Small Radius L.E.

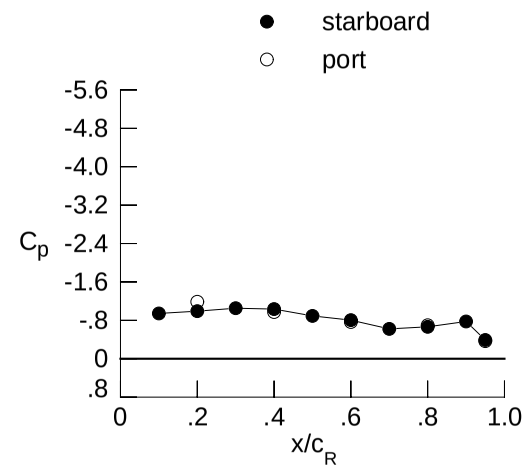
Run No. = 49 , Point No. = 1055

C_N = 0.625, C_m = -0.1242

α = 12.4 °, M_∞ = 0.900

R_{mac} = 59.9×10^6

Leading Edge Pressures

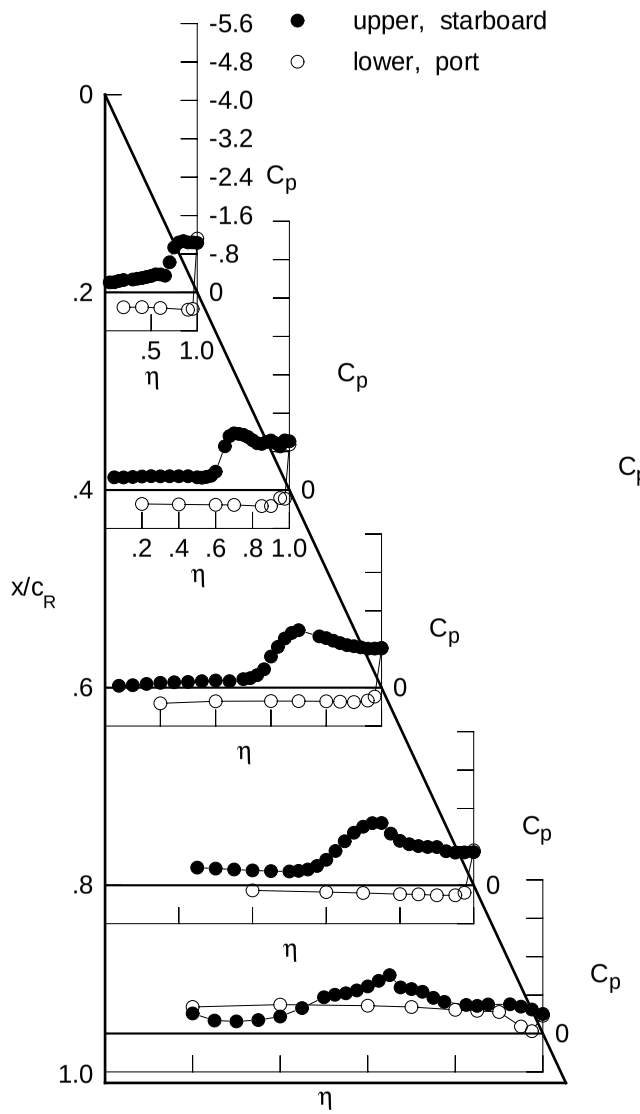


x/c_R	starb'd C_p	port C_p
0.10	-0.9434	*******
0.20	-0.9909	-1.1863
0.30	-1.0524	*******
0.40	-1.0343	-0.9725
0.50	-0.8921	*******
0.60	-0.8038	-0.7660
0.70	-0.6216	*******
0.80	-0.6650	-0.6978
0.90	-0.7760	*******
0.95	-0.3907	-0.3666

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	-0.2081	-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	*******	-0.4175
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3108	0.2902	0.3270	*******	-0.5533
-0.400	0.3073	0.2998	0.2837	0.1068	-0.6018
-0.600	0.3246	0.3074	0.2803	0.1419	-0.5793
-0.700	*******	0.3108	0.2812	0.1603	-0.5520
-0.800	*******	*******	0.2847	0.1850	-0.4938
-0.850	*******	0.3347	0.2930	0.1891	-0.4727
-0.900	0.3605	0.3334	0.3005	0.2080	-0.4478
-0.950	0.3446	0.1664	0.2686	0.2081	-0.1456
-0.975	*******	0.1816	0.1866	0.1544	-0.0488
-1.000	-1.1210	-0.9479	-0.8159	-0.7279	-0.3708

Surface Pressures



Small Radius L.E.

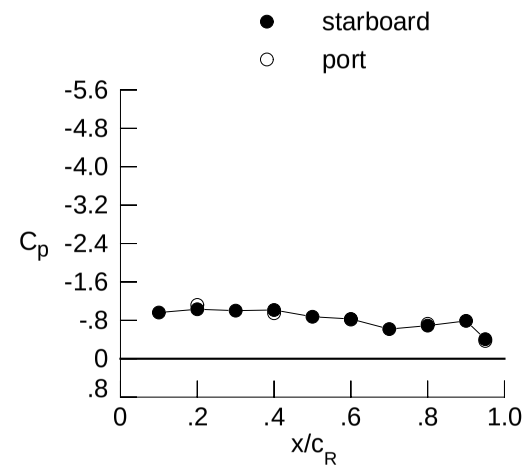
Run No. = 49 , Point No. = 1056

C_N = 0.683, C_m = -0.1329

α = 13.4 °, M_∞ = 0.901

R_{mac} = 59.9×10^6

Leading Edge Pressures

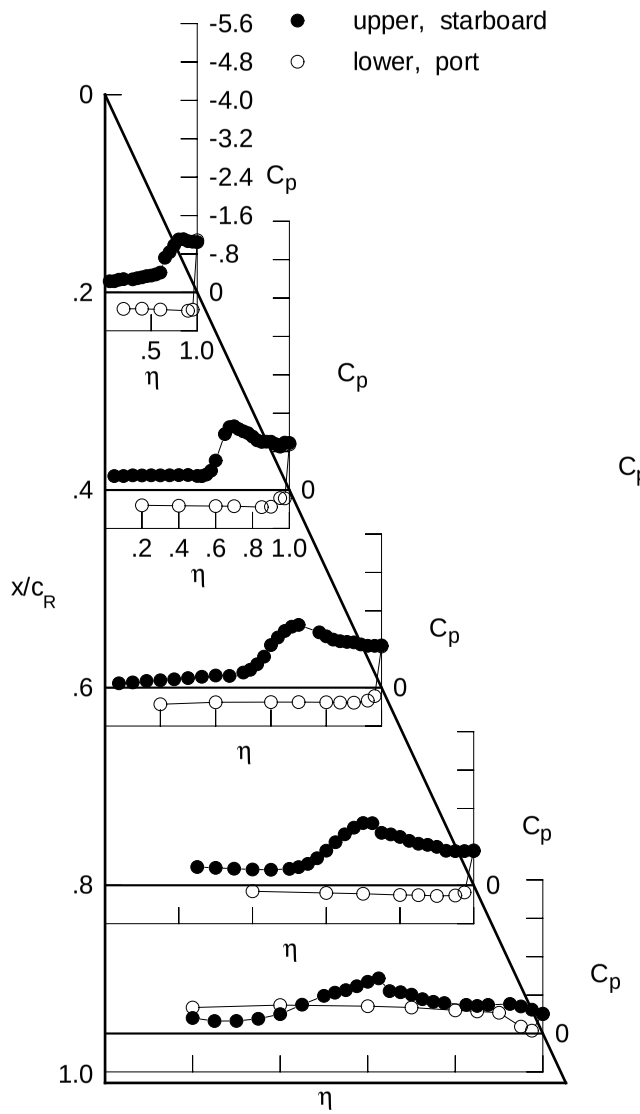


x/c_R	starb'd C_p	port C_p
0.10	-0.9623	*******
0.20	-1.0305	-1.1210
0.30	-1.0019	*******
0.40	-1.0154	-0.9479
0.50	-0.8746	*******
0.60	-0.8283	-0.8159
0.70	-0.6175	*******
0.80	-0.6895	-0.7279
0.90	-0.7884	*******
0.95	-0.4075	-0.3708

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	-0.2322	-0.2915	-0.0903	*******	*******
0.100	-0.2331	-0.2924	-0.1086	*******	*******
0.150	-0.2640	-0.3063	-0.1394	*******	*******
0.200	-0.2762	-0.3037	-0.1538	*******	-0.3230
0.250	*******	-0.3075	-0.1738	-0.3804	-0.2598
0.300	-0.2720	-0.3054	-0.1995	-0.3635	-0.2613
0.350	-0.2956	-0.3074	-0.2266	-0.3460	-0.3066
0.400	-0.3135	-0.3113	-0.2530	-0.3286	-0.4030
0.450	-0.3385	-0.3133	-0.2441	-0.3235	-0.6011
0.500	-0.3503	-0.2937	-0.3146	-0.3414	-0.7851
0.525	*******	-0.2895	-0.3721	-0.3785	-0.8503
0.550	-0.3733	-0.3229	-0.4873	-0.4453	-0.9029
0.575	*******	-0.4041	-0.6452	-0.5636	-0.9852
0.600	-0.4125	-0.6146	-0.8869	-0.7208	-1.0779
0.625	*******	*******	-1.0450	-0.8966	-1.1491
0.650	-0.7225	-1.1654	-1.1804	-1.0617	-0.8834
0.675	*******	-1.3106	-1.2700	-1.1999	-0.8604
0.700	-0.8379	-1.3277	-1.3071	-1.2970	-0.8096
0.725	*******	-1.2696	*******	-1.2939	-0.7155
0.750	-0.9836	-1.2231	*******	-1.0932	-0.6596
0.775	*******	-1.1856	-1.1523	-1.0604	-0.6342
0.800	-1.1034	-1.1134	-1.0685	-1.0072	*******
0.825	*******	-1.0363	-1.0010	-0.9258	-0.5971
0.850	-1.1084	-1.0030	-0.9668	-0.8653	-0.5747
0.875	*******	-1.0073	-0.9527	-0.8426	-0.5963
0.900	-1.0673	-1.0063	-0.9430	-0.8008	*******
0.925	*******	-0.9571	-0.9003	-0.7194	-0.6156
0.950	-1.0563	-0.9043	-0.8720	-0.7109	-0.5641
0.975	*******	-0.9883	-0.8712	-0.7130	-0.4967
1.000	-1.0469	-0.9798	-0.8791	-0.7130	-0.4127
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3437	0.3182	0.3465	*******	-0.5410
-0.400	0.3402	0.3270	0.3049	0.1250	-0.5918
-0.600	0.3575	0.3344	0.3014	0.1601	-0.5689
-0.700	*******	0.3372	0.3018	0.1766	-0.5418
-0.800	*******	*******	0.3047	0.2024	-0.4826
-0.850	*******	0.3560	0.3112	0.2055	-0.4604
-0.900	0.3823	0.3484	0.3139	0.2221	-0.4331
-0.950	0.3608	0.1676	0.2703	0.2128	-0.1431
-0.975	*******	0.1735	0.1760	0.1483	-0.0588
-1.000	-1.0858	-0.9507	-0.8570	-0.7274	-0.4028

Surface Pressures



Small Radius L.E.

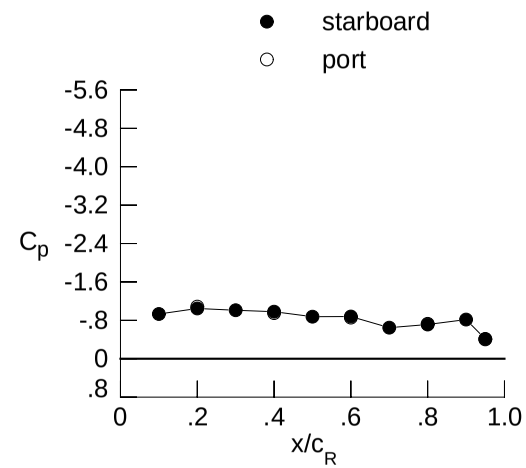
Run No. = 49 , Point No. = 1057

C_N = 0.742, C_m = -0.1410

α = 14.5 °, M_∞ = 0.900

R_{mac} = 59.8×10^6

Leading Edge Pressures

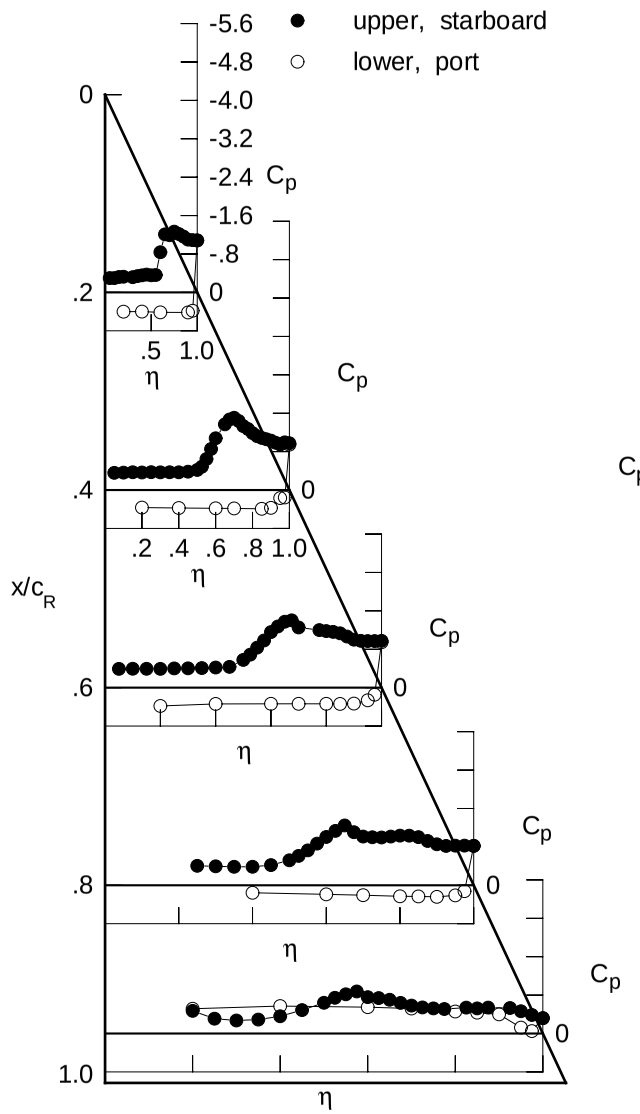


x/c_R	starb'd C_p	port C_p
0.10	-0.9317	*******
0.20	-1.0469	-1.0858
0.30	-1.0100	*******
0.40	-0.9798	-0.9507
0.50	-0.8758	*******
0.60	-0.8791	-0.8570
0.70	-0.6468	*******
0.80	-0.7130	-0.7274
0.90	-0.8158	*******
0.95	-0.4127	-0.4028

Table E6. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,u
0.050	-0.2983	-0.3581	-0.3915	*******	*******
0.100	-0.2974	-0.3624	-0.3935	*******	*******
0.150	-0.3205	-0.3703	-0.3931	*******	*******
0.200	-0.3260	-0.3652	-0.3916	*******	-0.4723
0.250	*******	-0.3722	-0.4007	-0.4056	-0.3087
0.300	-0.3167	-0.3686	-0.4024	-0.3948	-0.2710
0.350	-0.3383	-0.3705	-0.4079	-0.3852	-0.2902
0.400	-0.3552	-0.3698	-0.4193	-0.3854	-0.3590
0.450	-0.3709	-0.3824	-0.4326	-0.4212	-0.4877
0.500	-0.3564	-0.4185	-0.5774	-0.5205	-0.6404
0.525	*******	-0.4857	-0.6875	-0.6121	-0.7437
0.550	-0.3625	-0.6462	-0.8335	-0.7275	-0.8165
0.575	*******	-0.8548	-0.9824	-0.8679	-0.8758
0.600	-0.8366	-1.0785	-1.1574	-1.0064	-0.7572
0.625	*******	*******	-1.2743	-1.1333	-0.7385
0.650	-1.2094	-1.3691	-1.3735	-1.2464	-0.7030
0.675	*******	-1.4687	-1.4026	-1.1058	-0.6378
0.700	-1.1910	-1.5057	-1.2540	-1.0150	-0.5813
0.725	*******	-1.4381	*******	-1.0005	-0.5431
0.750	-1.2655	-1.3316	*******	-0.9963	-0.5231
0.775	*******	-1.2728	-1.1991	-1.0149	-0.5102
0.800	-1.2170	-1.1865	-1.1783	-1.0343	*******
0.825	*******	-1.1228	-1.1618	-1.0339	-0.5391
0.850	-1.1641	-1.0857	-1.1318	-1.0033	-0.5235
0.875	*******	-1.0582	-1.0651	-0.9228	-0.5401
0.900	-1.0992	-1.0293	-0.9991	-0.8543	*******
0.925	*******	-0.9855	-0.9750	-0.8200	-0.5315
0.950	-1.0892	-0.9473	-0.9705	-0.8253	-0.4641
0.975	*******	-0.9935	-0.9701	-0.8268	-0.3866
1.000	-1.0831	-0.9750	-0.9749	-0.8233	-0.3210
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.4014	0.3653	0.3819	*******	-0.5160
-0.400	0.4001	0.3742	0.3395	0.1561	-0.5717
-0.600	0.4161	0.3809	0.3369	0.1888	-0.5485
-0.700	*******	0.3833	0.3366	0.2067	-0.5206
-0.800	*******	*******	0.3371	0.2295	-0.4585
-0.850	*******	0.3912	0.3395	0.2318	-0.4343
-0.900	0.4176	0.3711	0.3320	0.2412	-0.3989
-0.950	0.3825	0.1670	0.2641	0.2101	-0.1232
-0.975	*******	0.1540	0.1474	0.1226	-0.0503
-1.000	-1.0822	-0.9454	-0.9455	-0.8189	-0.3184

Surface Pressures



Small Radius L.E.

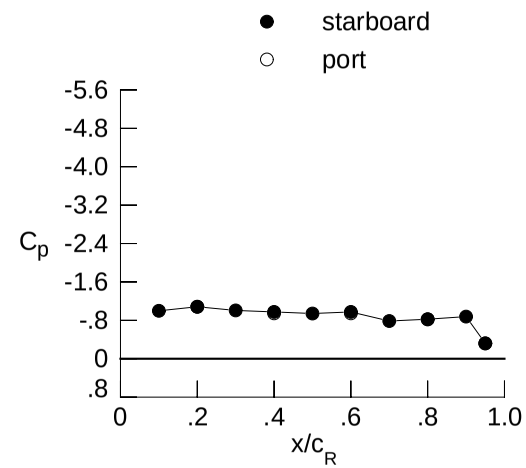
Run No. = 49 , Point No. = 1058

C_N = 0.844, C_m = -0.1532

α = 16.6 °, M_∞ = 0.900

R_{mac} = 59.8×10^6

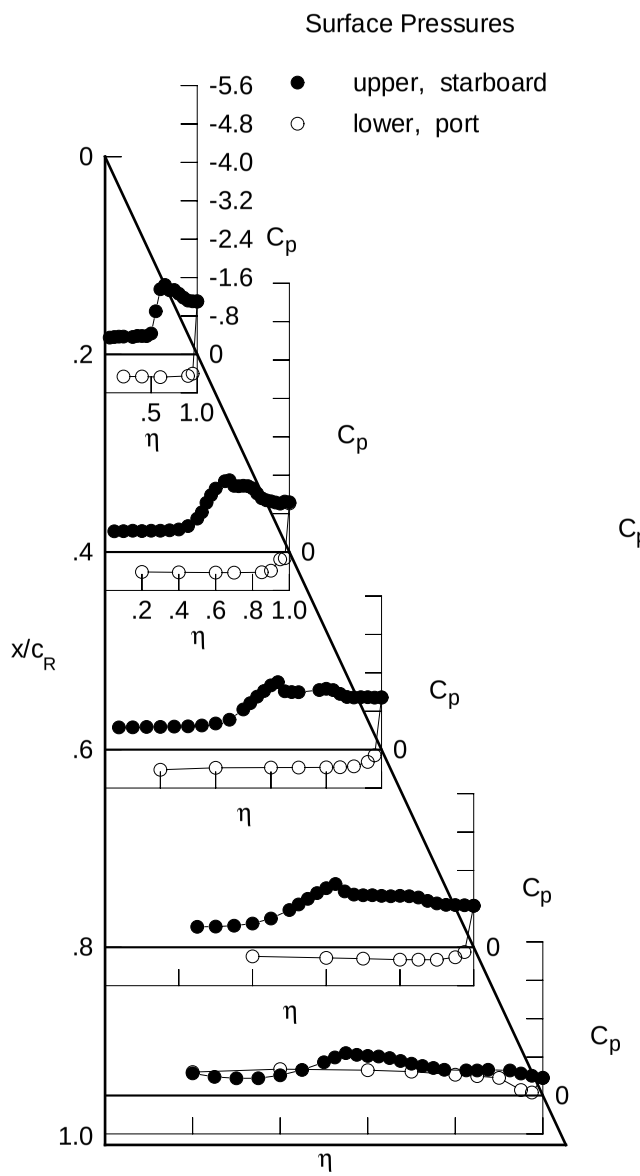
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
0.10	-0.9984	*******
0.20	-1.0831	-1.0822
0.30	-1.0062	*******
0.40	-0.9750	-0.9454
0.50	-0.9419	*******
0.60	-0.9749	-0.9455
0.70	-0.7854	*******
0.80	-0.8233	-0.8189
0.90	-0.8778	*******
0.95	-0.3210	-0.3184

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	-0.3495	-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	*******	-0.4613
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	*******	-1.0321	-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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-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	-1.0987	-1.0129	-1.0821	-0.8639	-0.3706



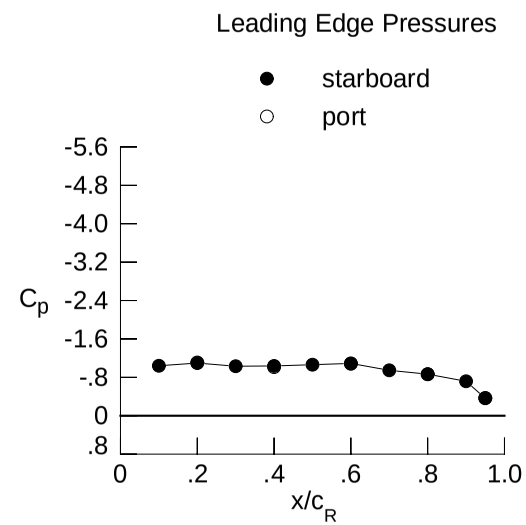
Small Radius L.E.

Run No. = 49 , Point No. = 1059

C_N = 0.959, C_m = -0.1723

α = 18.7 °, M_∞ = 0.900

R_{mac} = 59.8×10^6

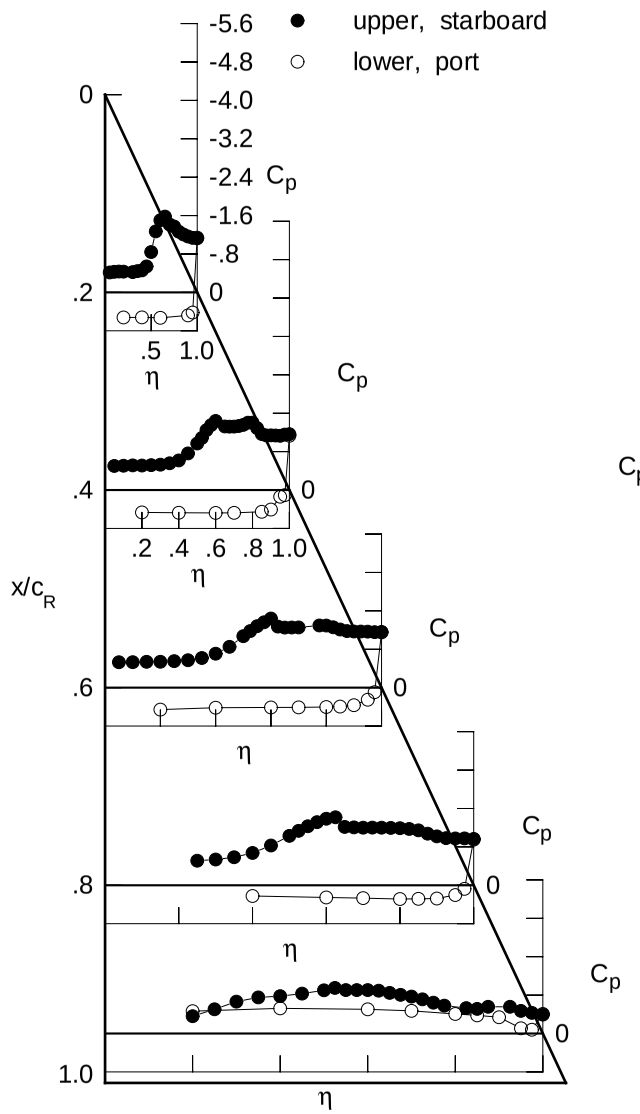


x/c_R	starb'd C_p	port C_p
0.10	-1.0409	*******
0.20	-1.0975	-1.1087
0.30	-1.0313	*******
0.40	-1.0370	-1.0129
0.50	-1.0632	*******
0.60	-1.0901	-1.0821
0.70	-0.9462	*******
0.80	-0.8660	-0.8639
0.90	-0.7173	*******
0.95	-0.3638	-0.3706

Table E6. Continued.

η	x/c_R .2 Cp,u	x/c_R .4 Cp,u	x/c_R .6 Cp,u	x/c_R .8 Cp,u	x/c_R .95 Cp,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	*******	-0.3604
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
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.5221	0.4662	0.4574	*******	-0.4655
-0.400	0.5208	0.4733	0.4182	0.2232	-0.5242
-0.600	0.5299	0.4768	0.4127	0.2538	-0.5040
-0.700	*******	0.4754	0.4112	0.2676	-0.4719
-0.800	*******	*******	0.4036	0.2862	-0.4072
-0.850	*******	0.4527	0.3948	0.2822	-0.3780
-0.900	0.4791	0.4067	0.3653	0.2757	-0.3390
-0.950	0.4195	0.1394	0.2517	0.2029	-0.1086
-0.975	*******	0.1062	0.0946	0.0745	-0.0780
-1.000	-1.1396	-1.1312	-1.1510	-0.9511	-0.4080

Surface Pressures



Small Radius L.E.

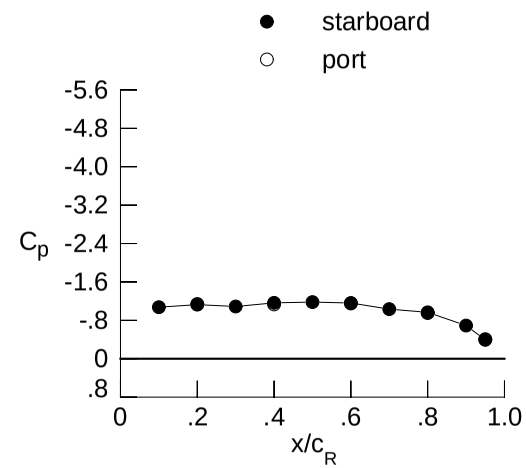
Run No. = 49 , Point No. = 1060

C_N = 1.077, C_m = -0.1961

α = 20.8 °, M_∞ = 0.900

R_{mac} = 59.8×10^6

Leading Edge Pressures

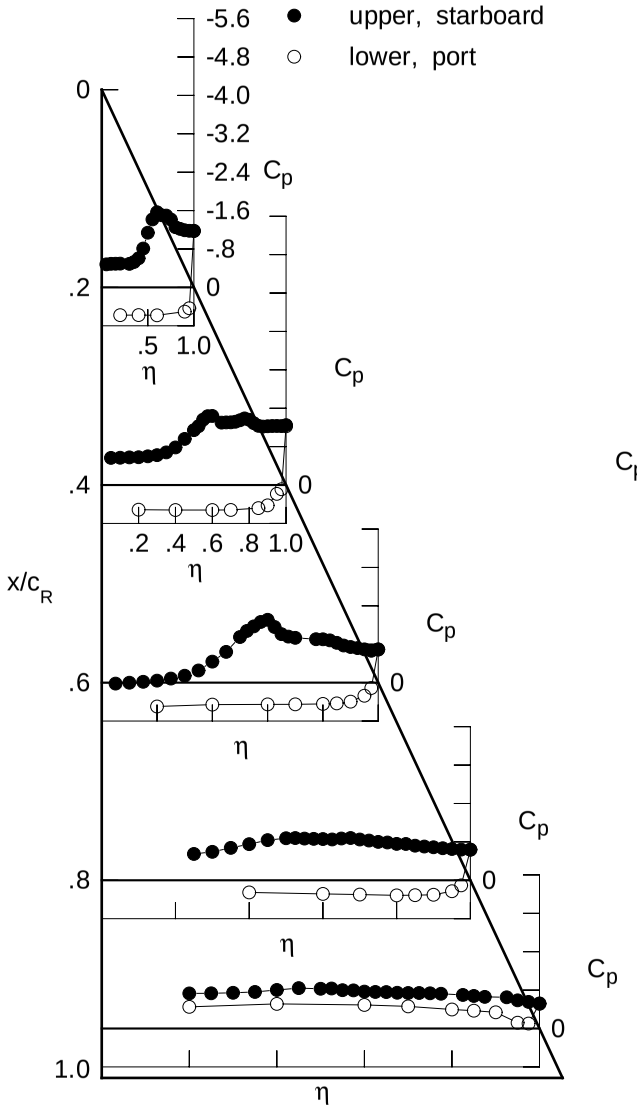


x/c_R	starb'd Cp	port Cp
0.10	-1.0737	*******
0.20	-1.1270	-1.1396
0.30	-1.0881	*******
0.40	-1.1639	-1.1312
0.50	-1.1800	*******
0.60	-1.1610	-1.1510
0.70	-1.0335	*******
0.80	-0.9667	-0.9511
0.90	-0.6913	*******
0.95	-0.3936	-0.4080

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	-0.4799	-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

Surface Pressures



Small Radius L.E.

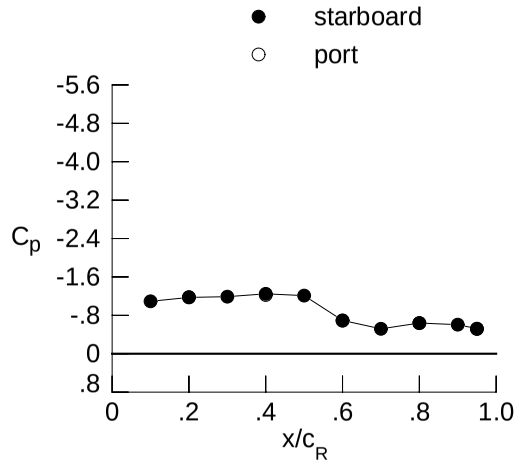
Run No. = 49 , Point No. = 1061

C_N = 1.022, C_m = -0.1662

α = 22.7 °, M_∞ = 0.901

R_{mac} = 59.7×10^6

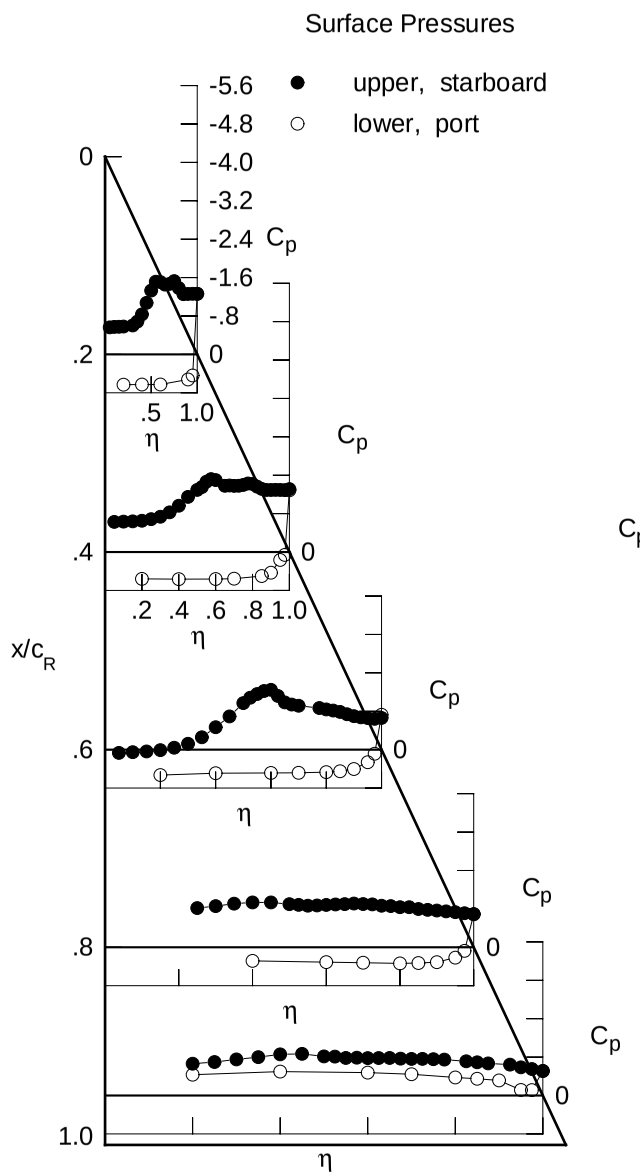
Leading Edge Pressures



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 $C_{p,u}$	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	-0.5634	-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	*******	-0.6625
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6310	0.5590	0.5299	*******	-0.4333
-0.400	0.6284	0.5647	0.4910	0.2832	-0.4982
-0.600	0.6275	0.5627	0.4859	0.3099	-0.4769
-0.700	*******	0.5556	0.4823	0.3217	-0.4430
-0.800	*******	*******	0.4688	0.3358	-0.3759
-0.850	*******	0.5004	0.4504	0.3283	-0.3489
-0.900	0.5222	0.4304	0.4044	0.3100	-0.3140
-0.950	0.4389	0.1649	0.2621	0.2162	-0.1149
-0.975	*******	0.0596	0.0853	0.0744	-0.1126
-1.000	-1.2621	-1.2852	-0.7265	-0.6869	-0.5102



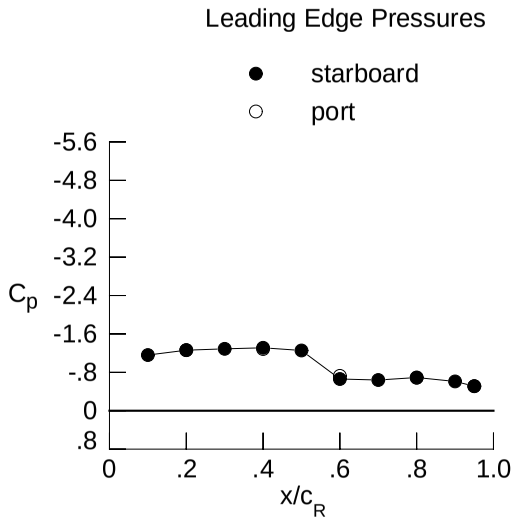
Small Radius L.E.

Run No. = 49 , Point No. = 1062

C_N = 1.115, C_m = -0.1817

α = 24.7 °, M_∞ = 0.895

R_{mac} = 59.6×10^6

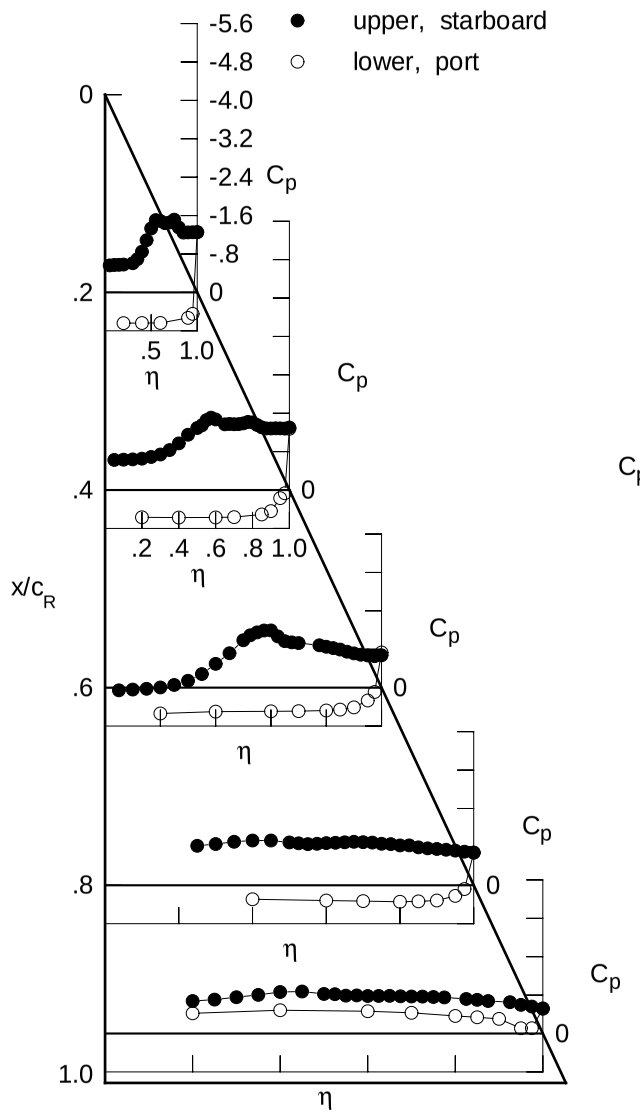


x/c_R	starb'd C_p	port C_p
0.10	-1.1600	*******
0.20	-1.2613	-1.2621
0.30	-1.2892	*******
0.40	-1.3111	-1.2852
0.50	-1.2554	*******
0.60	-0.6610	-0.7265
0.70	-0.6397	*******
0.80	-0.6919	-0.6869
0.90	-0.6101	*******
0.95	-0.5116	-0.5102

Table E6. Continued.

η	x/c_R .2 $C_{p,u}$	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	-0.5622	-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
0.300	-0.6071	-0.7397	-0.1432	-0.8594	-0.7563
0.350	-0.6912	-0.8327	-0.2834	-0.9068	-0.8050
0.400	-0.8477	-0.9721	-0.4958	-0.9326	-0.8646
0.450	-1.0868	-1.1519	-0.7164	-0.9332	-0.8753
0.500	-1.3320	-1.2923	-0.9869	-0.8929	-0.8242
0.525	*******	-1.3475	-1.0905	-0.8747	-0.8196
0.550	-1.5062	-1.4568	-1.1512	-0.8574	-0.7889
0.575	*******	-1.5080	-1.1902	-0.8647	-0.7940
0.600	-1.4883	-1.4703	-1.1917	-0.8782	-0.7816
0.625	*******	*******	-1.0670	-0.8860	-0.7826
0.650	-1.4417	-1.3692	-0.9681	-0.8948	-0.7847
0.675	*******	-1.3766	-0.9434	-0.9067	-0.7751
0.700	-1.4569	-1.3701	-0.9291	-0.8979	-0.7714
0.725	*******	-1.3729	*******	-0.8892	-0.7690
0.750	-1.5150	-1.3888	*******	-0.8650	-0.7606
0.775	*******	-1.4189	-0.8827	-0.8576	-0.7517
0.800	-1.3520	-1.4096	-0.8519	-0.8302	*******
0.825	*******	-1.3554	-0.8241	-0.8309	-0.7195
0.850	-1.2454	-1.3054	-0.7935	-0.7903	-0.7012
0.875	*******	-1.2831	-0.7488	-0.7694	-0.6771
0.900	-1.2493	-1.2823	-0.7133	-0.7568	*******
0.925	*******	-1.2866	-0.6859	-0.7404	-0.6529
0.950	-1.2529	-1.2845	-0.6707	-0.7227	-0.5967
0.975	*******	-1.2801	-0.6550	-0.7000	-0.5613
1.000	-1.2524	-1.3030	-0.6733	-0.6816	-0.5230
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6411	0.5684	0.5385	*******	-0.4207
-0.400	0.6382	0.5736	0.4998	0.2911	-0.4848
-0.600	0.6369	0.5712	0.4935	0.3178	-0.4641
-0.700	*******	0.5646	0.4897	0.3293	-0.4310
-0.800	*******	*******	0.4762	0.3433	-0.3657
-0.850	*******	0.5088	0.4579	0.3355	-0.3385
-0.900	0.5310	0.4393	0.4109	0.3168	-0.3050
-0.950	0.4475	0.1692	0.2679	0.2209	-0.1094
-0.975	*******	0.0673	0.0905	0.0786	-0.1102
-1.000	-1.2562	-1.2758	-0.7332	-0.6796	-0.5159

Surface Pressures



Small Radius L.E.

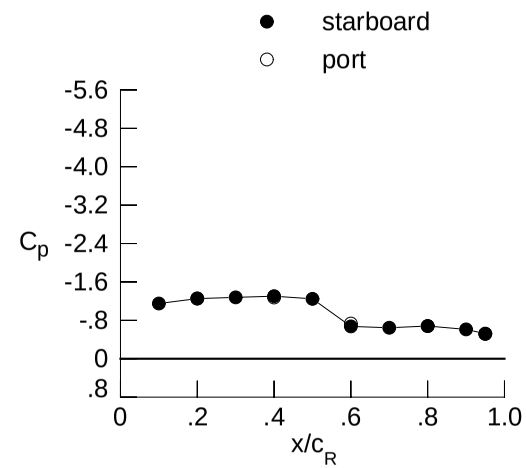
Run No. = 49 , Point No. = 1063

C_N = 1.120, C_m = -0.1816

α = 24.9 °, M_∞ = 0.900

R_{mac} = 59.9×10^6

Leading Edge Pressures

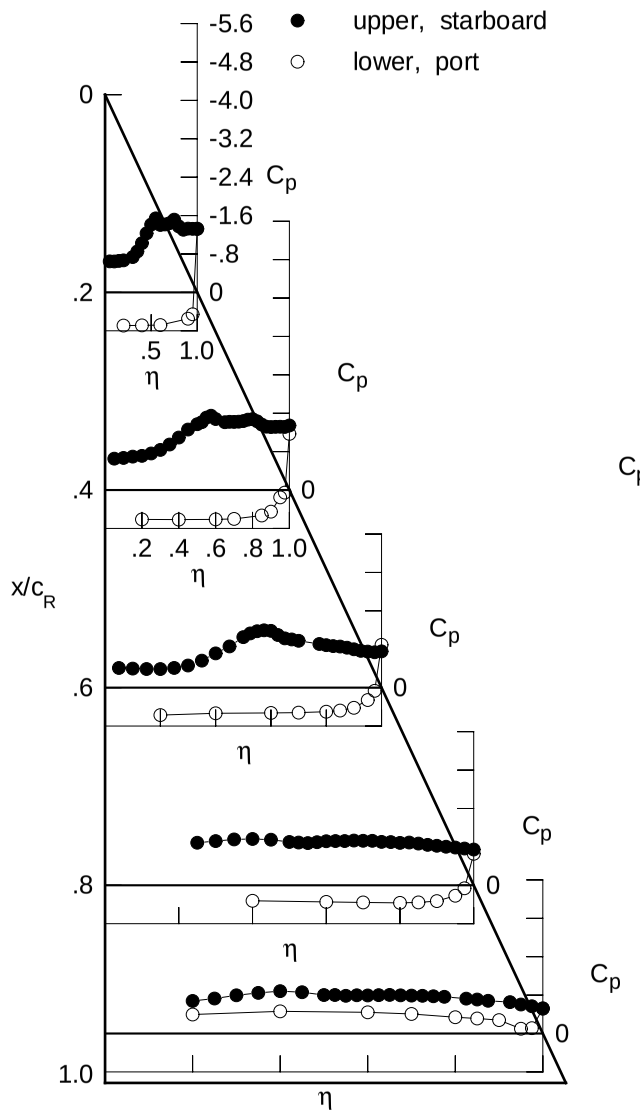


x/c_R	starb'd C_p	port C_p
0.10	-1.1505	*******
0.20	-1.2524	-1.2562
0.30	-1.2784	*******
0.40	-1.3030	-1.2758
0.50	-1.2475	*******
0.60	-0.6733	-0.7332
0.70	-0.6452	*******
0.80	-0.6816	-0.6796
0.90	-0.6109	*******
0.95	-0.5230	-0.5159

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	-0.6464	-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	*******	-0.6786
0.250	*******	-0.7618	-0.4105	-0.8863	-0.7284
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
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-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

Surface Pressures



Small Radius L.E.

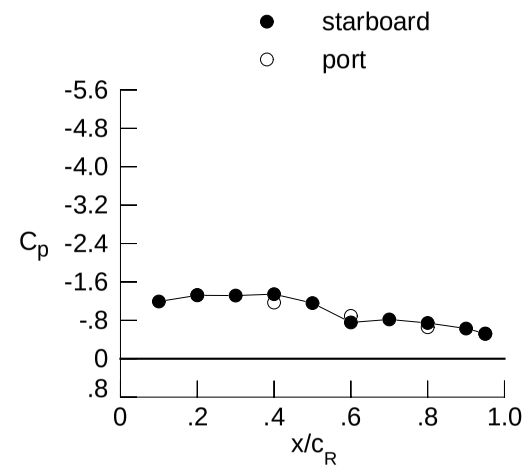
Run No. = 49 , Point No. = 1064

C_N = 1.174, C_m = -0.1874

α = 26.8 °, M_∞ = 0.899

$R_{mac} = 59.6 \times 10^6$

Leading Edge Pressures

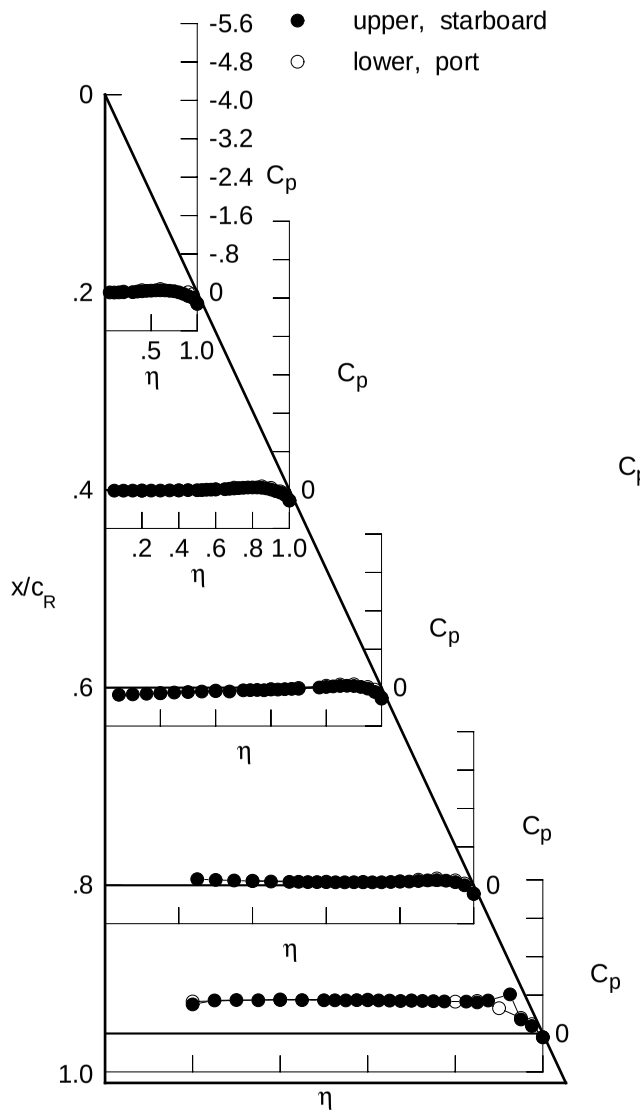


x/c_R	starb'd C_p	port C_p
0.10	-1.1923	*******
0.20	-1.3211	-1.3284
0.30	-1.3160	*******
0.40	-1.3450	-1.1701
0.50	-1.1593	*******
0.60	-0.7558	-0.8923
0.70	-0.8183	*******
0.80	-0.7449	-0.6560
0.90	-0.6290	*******
0.95	-0.5257	-0.5160

Table E6. 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	0.0006	0.0130	0.1489	*******	*******
0.100	0.0032	0.0124	0.1400	*******	*******
0.150	0.0004	0.0123	0.1273	*******	*******
0.200	-0.0030	0.0157	0.1155	*******	-0.6063
0.250	*******	0.0110	0.1022	-0.1271	-0.6890
0.300	-0.0048	0.0114	0.0923	-0.1119	-0.6979
0.350	-0.0174	0.0084	0.0819	-0.0996	-0.6927
0.400	-0.0231	0.0077	0.0726	-0.0864	-0.6984
0.450	-0.0324	0.0019	0.0808	-0.0787	-0.6963
0.500	-0.0363	0.0040	0.0556	-0.0714	-0.6925
0.525	*******	0.0005	0.0521	-0.0726	-0.6921
0.550	-0.0428	-0.0063	0.0484	-0.0667	-0.6899
0.575	*******	-0.0081	0.0546	-0.0663	-0.6954
0.600	-0.0434	-0.0124	0.0383	-0.0658	-0.6929
0.625	*******	*******	0.0403	-0.0625	-0.6890
0.650	-0.0418	-0.0180	0.0323	-0.0615	-0.6855
0.675	*******	-0.0266	0.0256	-0.0635	-0.6774
0.700	-0.0340	-0.0328	0.0230	-0.0620	-0.6826
0.725	*******	-0.0406	*******	-0.0613	-0.6787
0.750	-0.0241	-0.0469	*******	-0.0622	-0.6736
0.775	*******	-0.0529	-0.0020	-0.0685	-0.6678
0.800	-0.0005	-0.0539	-0.0142	-0.0749	*******
0.825	*******	-0.0539	-0.0259	-0.0773	-0.6647
0.850	0.0305	-0.0480	-0.0355	-0.0890	-0.6479
0.875	*******	-0.0343	-0.0390	-0.1026	-0.6875
0.900	0.0753	-0.0115	-0.0346	-0.1061	*******
0.925	*******	0.0208	-0.0152	-0.0959	-0.8154
0.950	0.1121	0.0513	0.0200	-0.0649	-0.2931
0.975	*******	0.0986	0.0892	-0.0003	-0.1565
1.000	0.2397	0.2196	0.2296	0.1818	0.0756
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0158	0.0078	0.1172	*******	-0.6670
-0.400	-0.0452	0.0052	0.0615	-0.0949	-0.7103
-0.600	-0.0697	-0.0144	0.0322	-0.0743	-0.7048
-0.700	*******	-0.0497	0.0068	-0.0701	-0.6896
-0.800	*******	*******	-0.0398	-0.0844	-0.6643
-0.850	*******	-0.0765	-0.0646	-0.1164	-0.6781
-0.900	-0.0029	-0.0449	-0.0697	-0.1423	-0.5269
-0.950	0.0369	0.0270	-0.0137	-0.1026	-0.3247
-0.975	*******	0.0707	0.0418	-0.0368	-0.1955
-1.000	0.2270	0.2151	0.2097	0.1716	0.0812

Surface Pressures



Small Radius L.E.

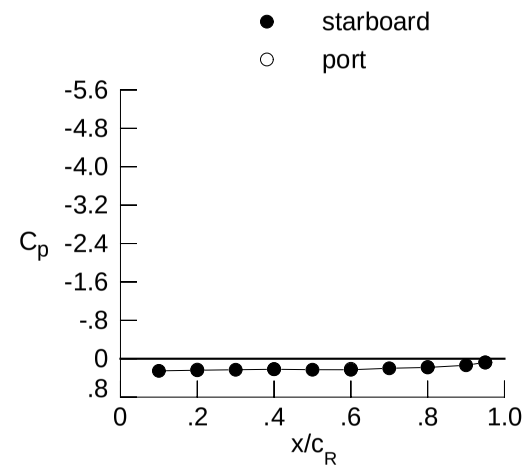
Run No. = 49 , Point No. = 1065

C_N = -0.006, C_m = -0.0043

α = -0.4 °, M_∞ = 0.899

$R_{mac} = 59.9 \times 10^6$

Leading Edge Pressures



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