Appendix E

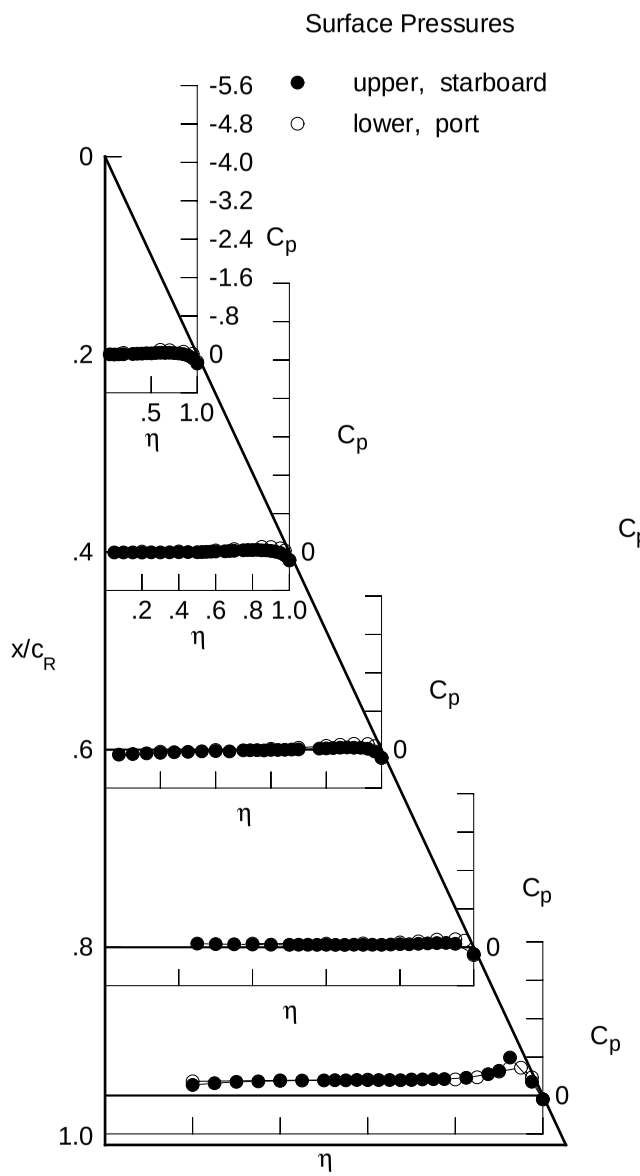
Experimental Surface Pressure Data for 65° Delta Wing, $R_{mac} = 60 \times 10^6$

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/96/NASA-96-tm4645vol4appE.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	-0.0006	0.0092	0.1041	*******	*******
0.100	0.0021	0.0088	0.0913	*******	*******
0.150	-0.0012	0.0088	0.0774	*******	*******
0.200	-0.0022	0.0113	0.0663	*******	-0.2197
0.250	*******	0.0062	0.0540	-0.0769	-0.2562
0.300	-0.0089	0.0078	0.0456	-0.0664	-0.2845
0.350	-0.0142	0.0059	0.0351	-0.0626	-0.2944
0.400	-0.0156	0.0044	0.0294	-0.0585	-0.3052
0.450	-0.0236	0.0016	0.0368	-0.0544	-0.3121
0.500	-0.0212	0.0043	0.0145	-0.0519	-0.3145
0.525	*******	0.0000	0.0131	-0.0535	-0.3186
0.550	-0.0299	-0.0039	0.0110	-0.0524	-0.3157
0.575	*******	-0.0078	0.0168	-0.0515	-0.3241
0.600	-0.0342	-0.0122	0.0050	-0.0524	-0.3224
0.625	*******	*******	0.0064	-0.0502	-0.3220
0.650	-0.0314	-0.0150	0.0030	-0.0497	-0.3228
0.675	*******	-0.0225	-0.0026	-0.0537	-0.3181
0.700	-0.0343	-0.0260	-0.0049	-0.0517	-0.3240
0.725	*******	*******	*******	-0.0532	-0.3353
0.750	-0.0272	-0.0365	*******	-0.0517	-0.3402
0.775	*******	-0.0415	-0.0218	-0.0575	-0.3426
0.800	-0.0193	-0.0412	-0.0259	-0.0645	*******
0.825	*******	-0.0466	-0.0324	-0.0629	-0.3690
0.850	-0.0039	-0.0352	-0.0414	-0.0727	*******
0.875	*******	-0.0343	-0.0459	-0.0804	-0.4437
0.900	0.0251	-0.0234	-0.0402	-0.0875	-0.5151
0.925	*******	-0.0072	-0.0389	-0.0912	-0.7909
0.950	0.0783	0.0167	-0.0181	-0.0725	*******
0.975	*******	0.0679	0.0375	*******	-0.2863
1.000	0.1894	0.1749	0.1706	0.1399	0.0780
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0303	-0.0096	0.0430	*******	-0.2948
-0.400	*******	-0.0131	0.0074	-0.0772	-0.3155
-0.600	-0.0947	-0.0329	-0.0179	-0.0761	-0.3296
-0.700	-0.0865	-0.0599	-0.0387	-0.0801	-0.3335
-0.800	*******	*******	-0.0786	-0.1011	-0.3343
-0.850	-0.0552	-0.1075	-0.1006	-0.1222	-0.3790
-0.900	*******	-0.1039	-0.1209	-0.1589	-0.4988
-0.950	-0.0129	-0.0765	-0.1168	-0.1674	-0.5790
-0.975	*******	-0.0303	-0.0711	-0.1379	-0.3779
-1.000	0.1540	0.1642	0.1722	0.1629	0.0796



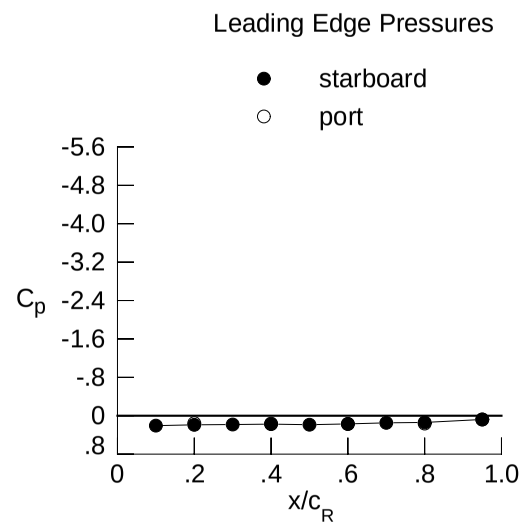
Large Radius L.E.

Run No. = 77 , Point No. = 1620

C_N = -0.034, C_m = 0.0057

α = -0.8 °, M_∞ = 0.402

$R_{mac} = 60.6 \times 10^6$

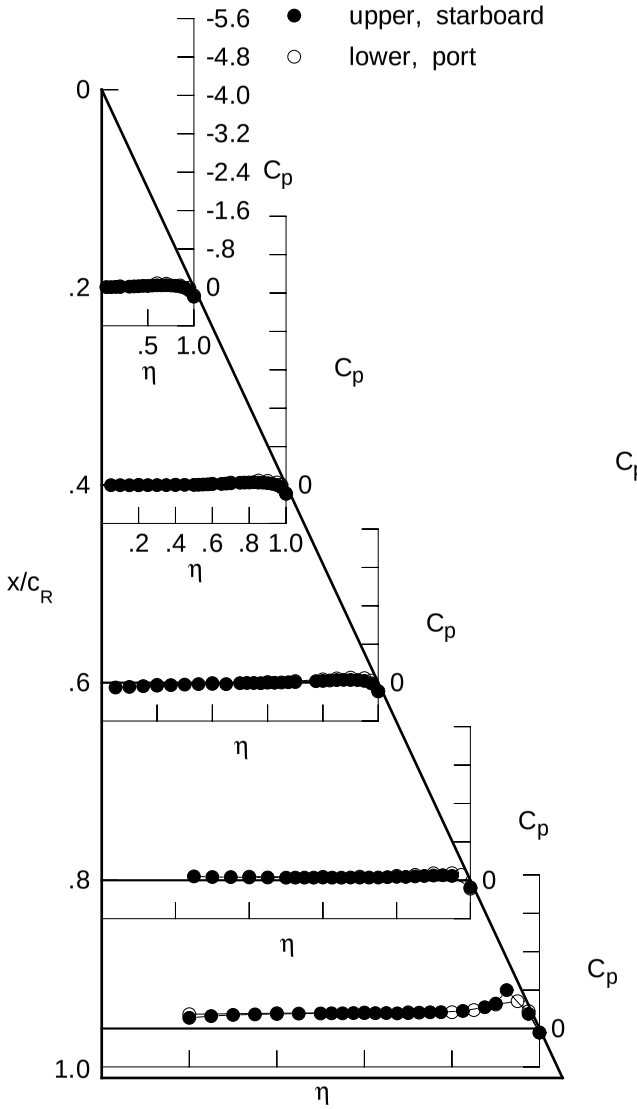


x/c_R	starb'd C_p	port C_p
0.10	0.2067	*******
0.20	0.1894	0.1540
0.30	0.1834	*******
0.40	0.1749	0.1642
0.50	0.1871	*******
0.60	0.1706	0.1722
0.70	0.1481	*******
0.80	0.1399	0.1629
0.90	*******	*******
0.95	0.0780	0.0796

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	-0.0061	0.0034	0.1015	*******	*******
0.100	-0.0045	0.0031	0.0887	*******	*******
0.150	-0.0096	0.0046	0.0732	*******	*******
0.200	-0.0091	0.0050	0.0628	*******	-0.2221
0.250	*******	0.0023	0.0519	-0.0811	-0.2587
0.300	-0.0152	0.0020	0.0410	-0.0684	-0.2832
0.350	-0.0211	0.0013	0.0304	-0.0662	-0.2935
0.400	-0.0237	-0.0012	0.0251	-0.0601	-0.3036
0.450	-0.0319	-0.0043	0.0315	-0.0580	-0.3101
0.500	-0.0296	-0.0025	0.0112	-0.0546	-0.3137
0.525	*******	-0.0054	0.0067	-0.0555	-0.3171
0.550	-0.0391	-0.0105	0.0074	-0.0556	-0.3160
0.575	*******	-0.0145	0.0114	-0.0549	-0.3216
0.600	-0.0436	-0.0207	0.0012	-0.0574	-0.3217
0.625	*******	*******	0.0022	-0.0552	-0.3203
0.650	-0.0432	-0.0235	-0.0031	-0.0543	-0.3223
0.675	*******	-0.0302	-0.0077	-0.0579	-0.3155
0.700	-0.0451	-0.0359	-0.0126	-0.0565	-0.3219
0.725	*******	*******	*******	-0.0573	-0.3308
0.750	-0.0398	-0.0478	*******	-0.0580	-0.3373
0.775	*******	-0.0516	-0.0308	-0.0647	-0.3397
0.800	-0.0328	-0.0529	-0.0358	-0.0720	*******
0.825	*******	-0.0584	-0.0449	-0.0705	-0.3660
0.850	-0.0183	-0.0500	-0.0535	-0.0805	*******
0.875	*******	-0.0500	-0.0585	-0.0905	-0.4435
0.900	0.0091	-0.0393	-0.0559	-0.0996	-0.5184
0.925	*******	-0.0260	-0.0548	-0.1058	-0.7999
0.950	0.0637	-0.0011	-0.0369	-0.0910	*******
0.975	*******	0.0488	0.0151	*******	-0.3037
1.000	0.1944	0.1831	0.1757	0.1480	0.0848
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0227	-0.0051	0.0460	*******	-0.2975
-0.400	*******	-0.0062	0.0095	-0.0745	-0.3184
-0.600	-0.0853	-0.0264	-0.0110	-0.0720	-0.3321
-0.700	-0.0764	-0.0515	-0.0319	-0.0764	-0.3374
-0.800	*******	*******	-0.0684	-0.0939	-0.3390
-0.850	-0.0397	-0.0932	-0.0883	-0.1131	-0.3838
-0.900	*******	-0.0864	-0.1042	-0.1454	-0.5002
-0.950	0.0063	-0.0537	-0.0938	-0.1475	-0.5688
-0.975	*******	-0.0046	-0.0435	-0.1123	-0.3614
-1.000	0.1634	0.1734	0.1834	0.1755	0.0849

Surface Pressures



Large Radius L.E.

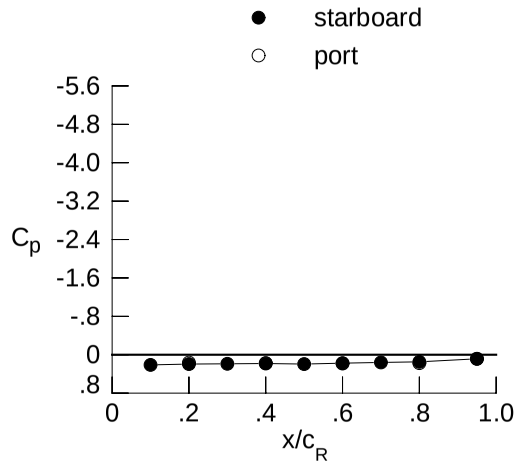
Run No. = 77 , Point No. = 1621

C_N = -0.020, C_m = 0.0023

α = -0.5 °, M_∞ = 0.401

R_{mac} = 60.4×10^6

Leading Edge Pressures

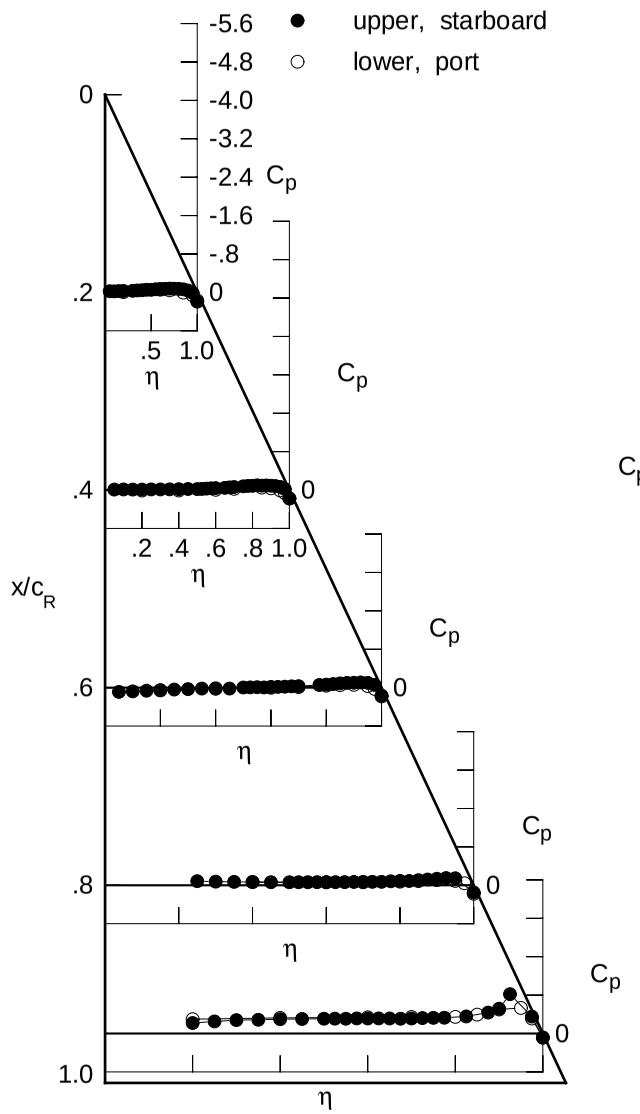


x/c_R	starb'd C_p	port C_p
0.10	0.2120	*******
0.20	0.1944	0.1634
0.30	0.1890	*******
0.40	0.1831	0.1734
0.50	0.1943	*******
0.60	0.1757	0.1834
0.70	0.1607	*******
0.80	0.1480	0.1755
0.90	*******	*******
0.95	0.0848	0.0849

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	-0.0239	-0.0096	0.0891	*******	*******
0.100	-0.0219	-0.0119	0.0778	*******	*******
0.150	-0.0271	-0.0098	0.0637	*******	*******
0.200	-0.0293	-0.0094	0.0527	*******	-0.2184
0.250	*******	-0.0130	0.0402	-0.0855	-0.2513
0.300	-0.0337	-0.0130	0.0315	-0.0764	-0.2790
0.350	-0.0412	-0.0147	0.0193	-0.0714	-0.2868
0.400	-0.0450	-0.0172	0.0141	-0.0683	-0.2983
0.450	-0.0546	-0.0217	0.0192	-0.0643	-0.3028
0.500	-0.0540	-0.0193	-0.0035	-0.0631	-0.3077
0.525	*******	-0.0236	-0.0053	-0.0640	-0.3097
0.550	-0.0652	-0.0295	-0.0087	-0.0639	-0.3080
0.575	*******	-0.0358	-0.0041	-0.0645	-0.3145
0.600	-0.0714	-0.0397	-0.0148	-0.0656	-0.3139
0.625	*******	*******	-0.0156	-0.0651	-0.3145
0.650	-0.0725	-0.0458	-0.0198	-0.0654	-0.3135
0.675	*******	-0.0548	-0.0269	-0.0699	-0.3081
0.700	-0.0782	-0.0623	-0.0307	-0.0700	-0.3131
0.725	*******	*******	*******	-0.0721	-0.3219
0.750	-0.0759	-0.0774	*******	-0.0723	-0.3264
0.775	*******	-0.0853	-0.0554	-0.0835	-0.3289
0.800	-0.0729	-0.0882	-0.0627	-0.0913	*******
0.825	*******	-0.0985	-0.0752	-0.0899	-0.3554
0.850	-0.0628	-0.0913	-0.0886	-0.1061	*******
0.875	*******	-0.0962	-0.0990	-0.1201	-0.4359
0.900	-0.0395	-0.0899	-0.1016	-0.1362	-0.5169
0.925	*******	-0.0828	-0.1088	-0.1502	-0.8190
0.950	0.0085	-0.0637	-0.0998	-0.1465	*******
0.975	*******	-0.0217	-0.0577	*******	-0.3526
1.000	0.1932	0.1784	0.1656	0.1492	0.0873
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0053	0.0106	0.0566	*******	-0.2986
-0.400	*******	0.0094	0.0235	-0.0682	-0.3252
-0.600	-0.0566	-0.0052	0.0034	-0.0606	-0.3378
-0.700	-0.0436	-0.0251	-0.0121	-0.0621	-0.3443
-0.800	*******	*******	-0.0411	-0.0750	-0.3466
-0.850	0.0048	-0.0511	-0.0531	-0.0873	-0.3936
-0.900	*******	-0.0362	-0.0592	-0.1083	-0.4997
-0.950	0.0606	0.0073	-0.0332	-0.0916	-0.5331
-0.975	*******	0.0633	0.0274	-0.0423	-0.3118
-1.000	0.1682	0.1727	0.1830	0.1767	0.0825

Surface Pressures



Large Radius L.E.

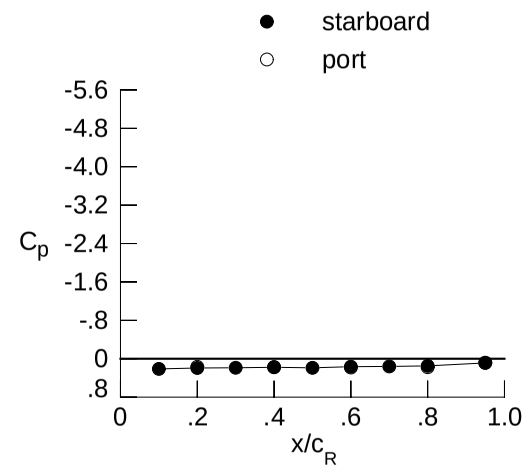
Run No. = 77 , Point No. = 1622

C_N = 0.014, C_m = -0.0018

α = 0.6 °, M_∞ = 0.402

R_{mac} = 60.4×10^6

Leading Edge Pressures

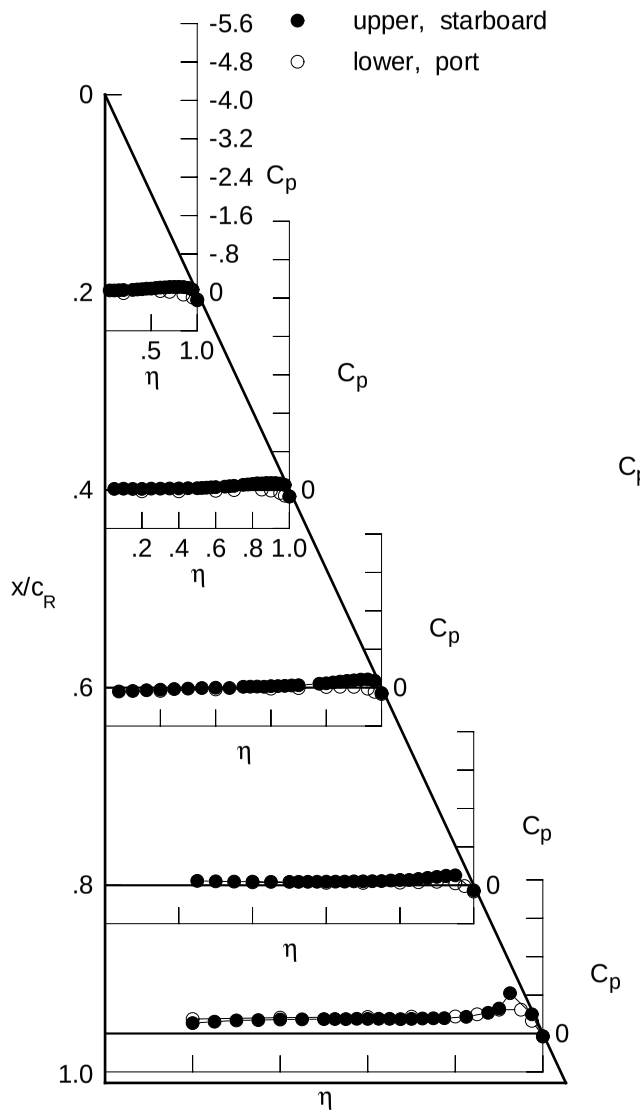


x/c_R	starb'd C_p	port C_p
0.10	0.2123	*******
0.20	0.1932	0.1682
0.30	0.1884	*******
0.40	0.1784	0.1727
0.50	0.1894	*******
0.60	0.1656	0.1830
0.70	0.1606	*******
0.80	0.1492	0.1767
0.90	*******	*******
0.95	0.0873	0.0825

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	-0.0409	-0.0242	0.0801	*******	*******
0.100	-0.0403	-0.0277	0.0697	*******	*******
0.150	-0.0451	-0.0236	0.0541	*******	*******
0.200	-0.0490	-0.0242	0.0431	*******	-0.2166
0.250	*******	-0.0293	0.0298	-0.0916	-0.2464
0.300	-0.0521	-0.0292	0.0202	-0.0826	-0.2725
0.350	-0.0610	-0.0317	0.0083	-0.0768	-0.2790
0.400	-0.0661	-0.0339	0.0019	-0.0760	-0.2911
0.450	-0.0776	-0.0386	0.0074	-0.0712	-0.2952
0.500	-0.0783	-0.0373	-0.0174	-0.0714	-0.2998
0.525	*******	-0.0432	-0.0196	-0.0717	-0.3018
0.550	-0.0913	-0.0492	-0.0225	-0.0731	-0.2997
0.575	*******	-0.0557	-0.0187	-0.0739	-0.3075
0.600	-0.1010	-0.0603	-0.0308	-0.0763	-0.3051
0.625	*******	*******	-0.0321	-0.0764	-0.3075
0.650	-0.1049	-0.0704	-0.0371	-0.0766	-0.3068
0.675	*******	-0.0803	-0.0458	-0.0814	-0.2995
0.700	-0.1127	-0.0874	-0.0502	-0.0828	-0.3045
0.725	*******	*******	*******	-0.0847	-0.3129
0.750	-0.1148	-0.1090	*******	-0.0882	-0.3166
0.775	*******	-0.1172	-0.0810	-0.0996	-0.3192
0.800	-0.1160	-0.1252	-0.0906	-0.1122	*******
0.825	*******	-0.1400	-0.1080	-0.1111	-0.3473
0.850	-0.1118	-0.1373	-0.1259	-0.1321	*******
0.875	*******	-0.1466	-0.1412	-0.1540	-0.4310
0.900	-0.0943	-0.1466	-0.1521	-0.1753	-0.5203
0.925	*******	-0.1458	-0.1673	-0.1995	-0.8403
0.950	-0.0565	-0.1358	-0.1704	-0.2075	*******
0.975	*******	-0.1068	-0.1430	*******	-0.3998
1.000	0.1660	0.1306	0.1125	0.1061	0.0642
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0150	0.0264	0.0677	*******	-0.3013
-0.400	*******	0.0264	0.0368	-0.0615	-0.3307
-0.600	-0.0277	0.0163	0.0206	-0.0509	-0.3444
-0.700	-0.0117	0.0012	0.0084	-0.0498	-0.3511
-0.800	*******	*******	-0.0137	-0.0555	-0.3543
-0.850	0.0465	-0.0105	-0.0196	-0.0630	-0.4002
-0.900	*******	0.0110	-0.0166	-0.0729	-0.4964
-0.950	0.1067	0.0619	0.0216	-0.0406	-0.4964
-0.975	*******	0.1179	0.0874	0.0161	-0.2638
-1.000	0.1456	0.1365	0.1334	0.1315	0.0554

Surface Pressures



Large Radius L.E.

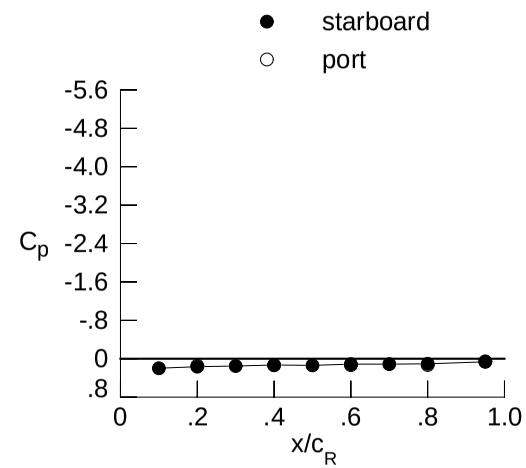
Run No. = 77 , Point No. = 1623

C_N = 0.046, C_m = -0.0038

α = 1.6 °, M_∞ = 0.402

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

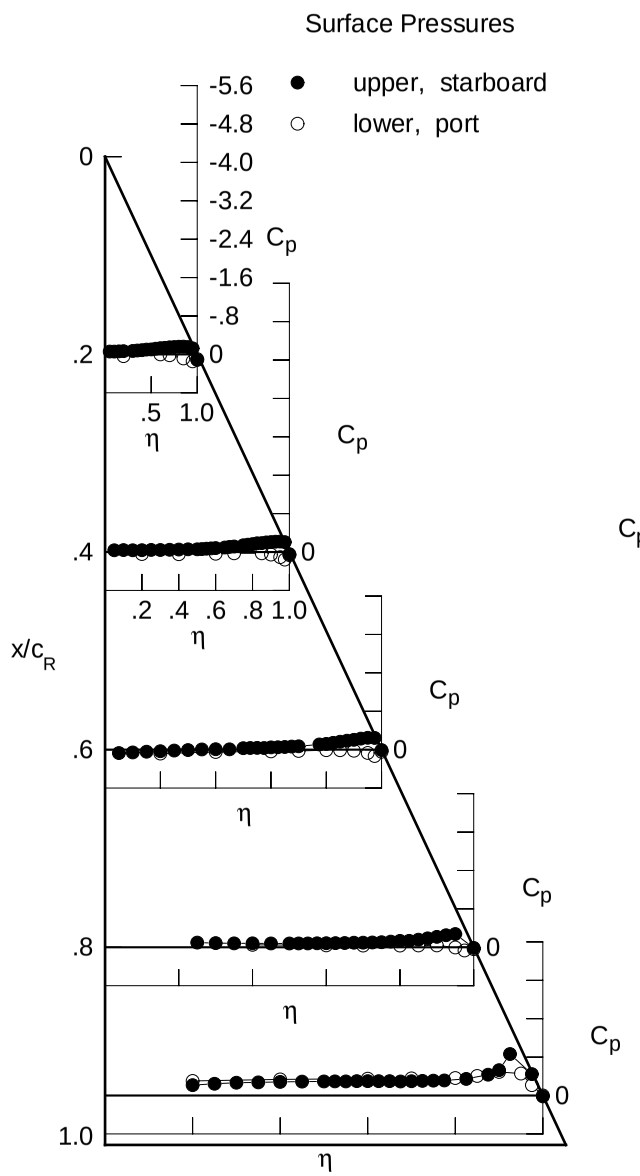
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.1980	*******
0.20	0.1660	0.1456
0.30	0.1521	*******
0.40	0.1306	0.1365
0.50	0.1386	*******
0.60	0.1125	0.1334
0.70	0.1126	*******
0.80	0.1061	0.1315
0.90	*******	*******
0.95	0.0642	0.0554

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	-0.0589	-0.0365	0.0714	*******	*******
0.100	-0.0581	-0.0405	0.0587	*******	*******
0.150	-0.0628	-0.0370	0.0435	*******	*******
0.200	-0.0672	-0.0388	0.0325	*******	-0.2163
0.250	*******	-0.0438	0.0194	-0.0976	-0.2445
0.300	-0.0711	-0.0427	0.0091	-0.0875	-0.2660
0.350	-0.0810	-0.0475	-0.0039	-0.0818	-0.2735
0.400	-0.0881	-0.0516	-0.0089	-0.0825	-0.2834
0.450	-0.1001	-0.0572	-0.0065	-0.0796	-0.2895
0.500	-0.1029	-0.0569	-0.0301	-0.0793	-0.2930
0.525	*******	-0.0618	-0.0346	-0.0804	-0.2942
0.550	-0.1184	-0.0695	-0.0366	-0.0802	-0.2937
0.575	*******	-0.0761	-0.0340	-0.0832	-0.2995
0.600	-0.1296	-0.0821	-0.0473	-0.0849	-0.2995
0.625	*******	*******	-0.0493	-0.0864	-0.2985
0.650	-0.1365	-0.0945	-0.0550	-0.0884	-0.2989
0.675	*******	-0.1064	-0.0643	-0.0950	-0.2921
0.700	-0.1478	-0.1154	-0.0697	-0.0958	-0.2973
0.725	*******	*******	*******	-0.1002	-0.3047
0.750	-0.1530	-0.1409	*******	-0.1052	-0.3097
0.775	*******	-0.1535	-0.1079	-0.1181	-0.3137
0.800	-0.1601	-0.1648	-0.1200	-0.1338	*******
0.825	*******	-0.1823	-0.1420	-0.1342	-0.3456
0.850	-0.1619	-0.1859	-0.1649	-0.1586	*******
0.875	*******	-0.2004	-0.1863	-0.1862	-0.4339
0.900	-0.1531	-0.2072	-0.2045	-0.2176	-0.5283
0.925	*******	-0.2152	-0.2294	-0.2515	-0.8644
0.950	-0.1261	-0.2175	-0.2469	-0.2756	*******
0.975	*******	-0.2066	-0.2444	*******	-0.4457
1.000	0.1152	0.0437	0.0088	0.0125	0.0182
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0365	0.0416	0.0814	*******	-0.3036
-0.400	*******	0.0457	0.0491	-0.0511	-0.3355
-0.600	0.0001	0.0356	0.0363	-0.0399	-0.3506
-0.700	0.0177	0.0264	0.0273	-0.0358	-0.3570
-0.800	*******	*******	0.0114	-0.0363	-0.3643
-0.850	0.0839	0.0264	0.0121	-0.0386	-0.4069
-0.900	*******	0.0530	0.0227	-0.0394	-0.4908
-0.950	0.1445	0.1067	0.0688	0.0040	-0.4578
-0.975	*******	0.1579	0.1328	0.0661	-0.2161
-1.000	0.0970	0.0639	0.0439	0.0389	-0.0013



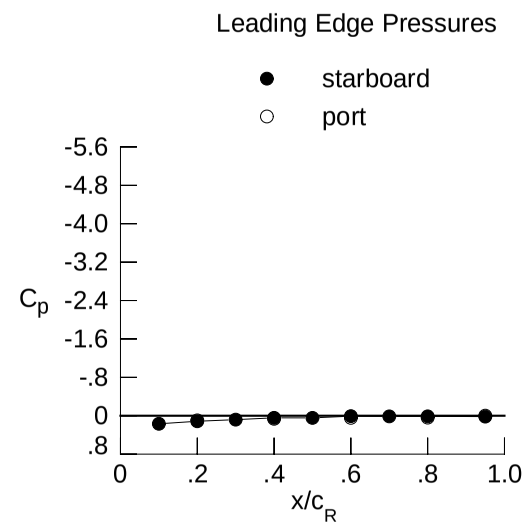
Large Radius L.E.

Run No. = 77 , Point No. = 1624

C_N = 0.081, C_m = -0.0083

α = 2.7 °, M_∞ = 0.402

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

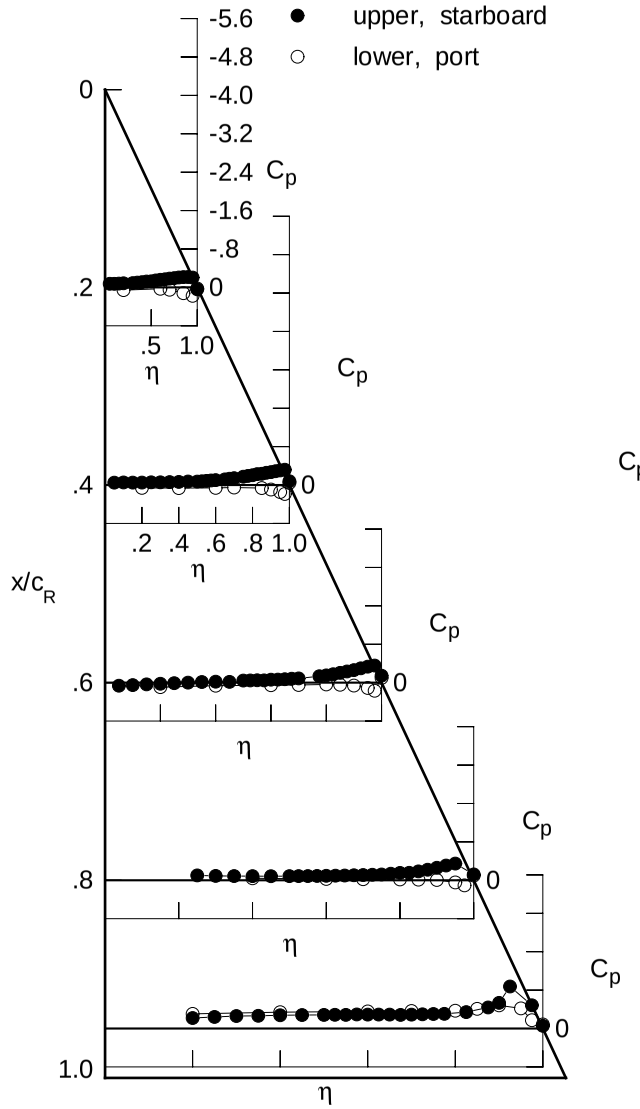


x/c_R	starb'd C_p	port C_p
0.10	0.1682	*******
0.20	0.1152	0.0970
0.30	0.0817	*******
0.40	0.0437	0.0639
0.50	0.0450	*******
0.60	0.0088	0.0439
0.70	0.0137	*******
0.80	0.0125	0.0389
0.90	*******	*******
0.95	0.0182	-0.0013

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	-0.0753	-0.0497	0.0640	*******	*******
0.100	-0.0745	-0.0533	0.0515	*******	*******
0.150	-0.0792	-0.0502	0.0363	*******	*******
0.200	-0.0856	-0.0508	0.0231	*******	-0.2187
0.250	*******	-0.0564	0.0114	-0.1014	-0.2405
0.300	-0.0889	-0.0570	0.0002	-0.0914	-0.2597
0.350	-0.0998	-0.0615	-0.0130	-0.0879	-0.2647
0.400	-0.1088	-0.0647	-0.0200	-0.0863	-0.2758
0.450	-0.1226	-0.0733	-0.0157	-0.0845	-0.2811
0.500	-0.1263	-0.0722	-0.0428	-0.0862	-0.2831
0.525	*******	-0.0783	-0.0455	-0.0871	-0.2859
0.550	-0.1444	-0.0862	-0.0497	-0.0883	-0.2843
0.575	*******	-0.0955	-0.0469	-0.0905	-0.2925
0.600	-0.1581	-0.1027	-0.0620	-0.0933	-0.2899
0.625	*******	*******	-0.0633	-0.0962	-0.2901
0.650	-0.1685	-0.1175	-0.0712	-0.0989	-0.2899
0.675	*******	-0.1315	-0.0817	-0.1045	-0.2834
0.700	-0.1831	-0.1434	-0.0878	-0.1093	-0.2888
0.725	*******	*******	*******	-0.1151	-0.2958
0.750	-0.1932	-0.1739	*******	-0.1208	-0.3024
0.775	*******	-0.1897	-0.1335	-0.1371	-0.3057
0.800	-0.2060	-0.2043	-0.1509	-0.1539	*******
0.825	*******	-0.2272	-0.1754	-0.1564	-0.3418
0.850	-0.2144	-0.2344	-0.2044	-0.1853	*******
0.875	*******	-0.2549	-0.2326	-0.2203	-0.4387
0.900	-0.2157	-0.2688	-0.2606	-0.2611	-0.5346
0.925	*******	-0.2879	-0.2986	-0.3075	-0.8749
0.950	-0.2048	-0.3040	-0.3330	-0.3476	*******
0.975	*******	-0.3191	-0.3556	*******	-0.4839
1.000	0.0404	-0.0788	-0.1447	-0.1221	-0.0559
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0571	0.0595	0.0940	*******	-0.3052
-0.400	*******	0.0642	0.0638	-0.0417	-0.3402
-0.600	0.0286	0.0590	0.0537	-0.0277	-0.3559
-0.700	0.0484	0.0522	0.0484	-0.0223	-0.3647
-0.800	*******	*******	0.0378	-0.0176	-0.3706
-0.850	0.1210	0.0628	0.0436	-0.0139	-0.4098
-0.900	*******	0.0935	0.0606	-0.0065	-0.4822
-0.950	0.1757	0.1466	0.1111	0.0449	-0.4191
-0.975	*******	0.1862	0.1686	0.1053	-0.1726
-1.000	0.0232	-0.0441	-0.0977	-0.0975	-0.0846

Surface Pressures



Large Radius L.E.

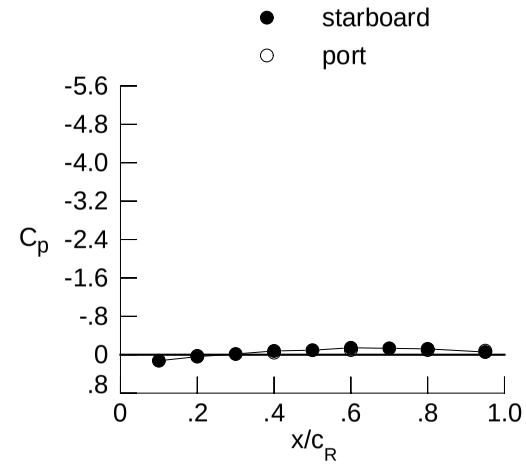
Run No. = 77 , Point No. = 1625

C_N = 0.113, C_m = -0.0103

α = 3.7 °, M_∞ = 0.401

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

Leading Edge Pressures

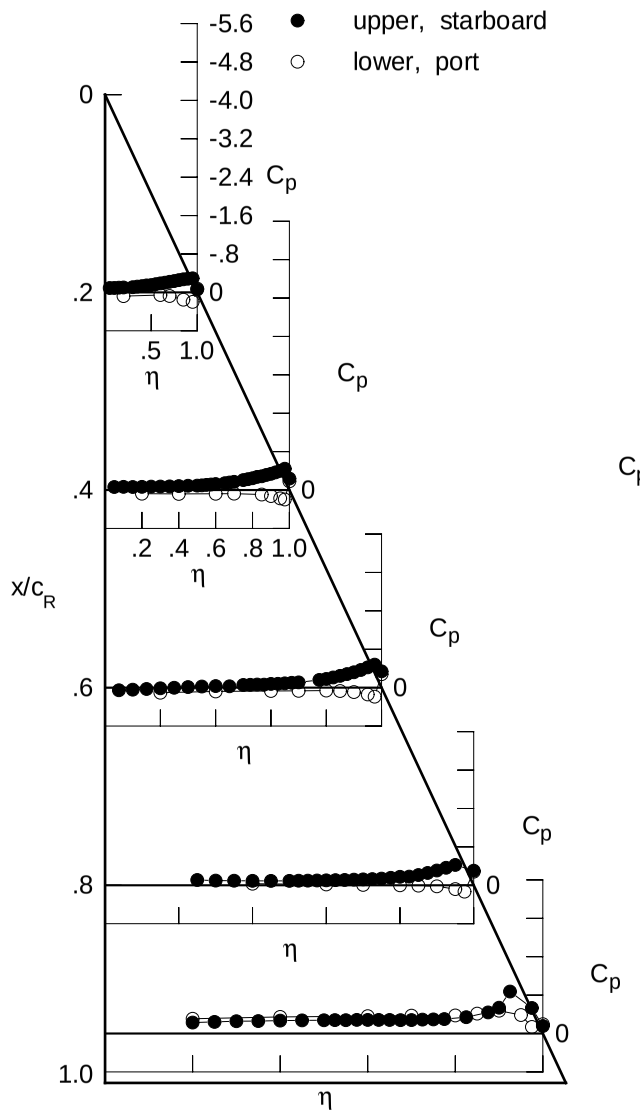


x/c_R	starb'd C_p	port C_p
0.10	0.1250	*******
0.20	0.0404	0.0232
0.30	-0.0152	*******
0.40	-0.0788	-0.0441
0.50	-0.0946	*******
0.60	-0.1447	-0.0977
0.70	-0.1334	*******
0.80	-0.1221	-0.0975
0.90	*******	*******
0.95	-0.0559	-0.0846

Table E1. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0914	-0.0634	0.0545	*******	*******
0.100	-0.0923	-0.0665	0.0422	*******	*******
0.150	-0.0983	-0.0635	0.0279	*******	*******
0.200	-0.1028	-0.0663	0.0133	*******	-0.2277
0.250	*******	-0.0713	0.0020	-0.1101	-0.2419
0.300	-0.1079	-0.0728	-0.0117	-0.0977	-0.2564
0.350	-0.1208	-0.0756	-0.0231	-0.0950	-0.2592
0.400	-0.1304	-0.0825	-0.0327	-0.0927	-0.2690
0.450	-0.1456	-0.0895	-0.0282	-0.0911	-0.2736
0.500	-0.1523	-0.0918	-0.0556	-0.0924	-0.2761
0.525	*******	-0.0980	-0.0595	-0.0954	-0.2790
0.550	-0.1716	-0.1073	-0.0648	-0.0965	-0.2772
0.575	*******	-0.1154	-0.0626	-0.1004	-0.2843
0.600	-0.1880	-0.1245	-0.0778	-0.1033	-0.2829
0.625	*******	*******	-0.0804	-0.1070	-0.2831
0.650	-0.2025	-0.1421	-0.0897	-0.1113	-0.2823
0.675	*******	-0.1568	-0.1006	-0.1173	-0.2784
0.700	-0.2208	-0.1712	-0.1097	-0.1234	-0.2800
0.725	*******	*******	*******	-0.1287	-0.2896
0.750	-0.2358	-0.2070	*******	-0.1392	-0.2933
0.775	*******	-0.2265	-0.1606	-0.1559	-0.3007
0.800	-0.2552	-0.2452	-0.1809	-0.1768	*******
0.825	*******	-0.2736	-0.2122	-0.1805	-0.3400
0.850	-0.2730	-0.2866	-0.2456	-0.2137	*******
0.875	*******	-0.3142	-0.2828	-0.2568	-0.4396
0.900	-0.2851	-0.3374	-0.3199	-0.3077	-0.5378
0.925	*******	-0.3681	-0.3682	-0.3648	-0.8742
0.950	-0.2934	-0.3996	-0.4228	-0.4239	*******
0.975	*******	-0.4440	-0.4795	*******	-0.5320
1.000	-0.0604	-0.2396	-0.3403	-0.3043	-0.1557
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0777	0.0763	0.1056	*******	-0.3074
-0.400	*******	0.0804	0.0790	-0.0329	-0.3454
-0.600	0.0553	0.0778	0.0696	-0.0175	-0.3620
-0.700	0.0756	0.0753	0.0666	-0.0078	-0.3718
-0.800	*******	*******	0.0608	0.0001	-0.3761
-0.850	0.1522	0.0938	0.0706	0.0075	-0.4144
-0.900	*******	0.1255	0.0921	0.0218	-0.4754
-0.950	0.1975	0.1738	0.1417	0.0790	-0.3850
-0.975	*******	0.1971	0.1880	0.1316	-0.1371
-1.000	-0.0783	-0.1822	-0.2801	-0.2822	-0.1945

Surface Pressures



Large Radius L.E.

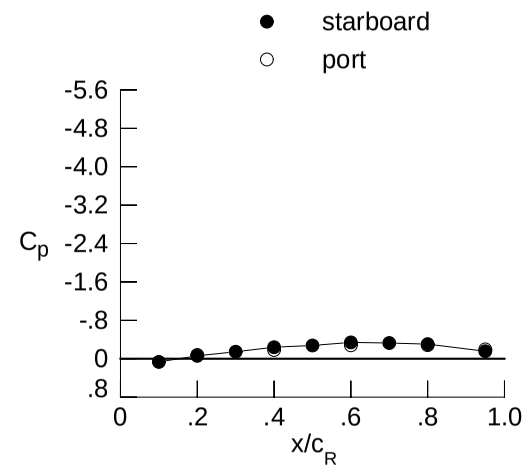
Run No. = 77 , Point No. = 1626

C_N = 0.148, C_m = -0.0143

α = 4.8 °, M_∞ = 0.401

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

Leading Edge Pressures

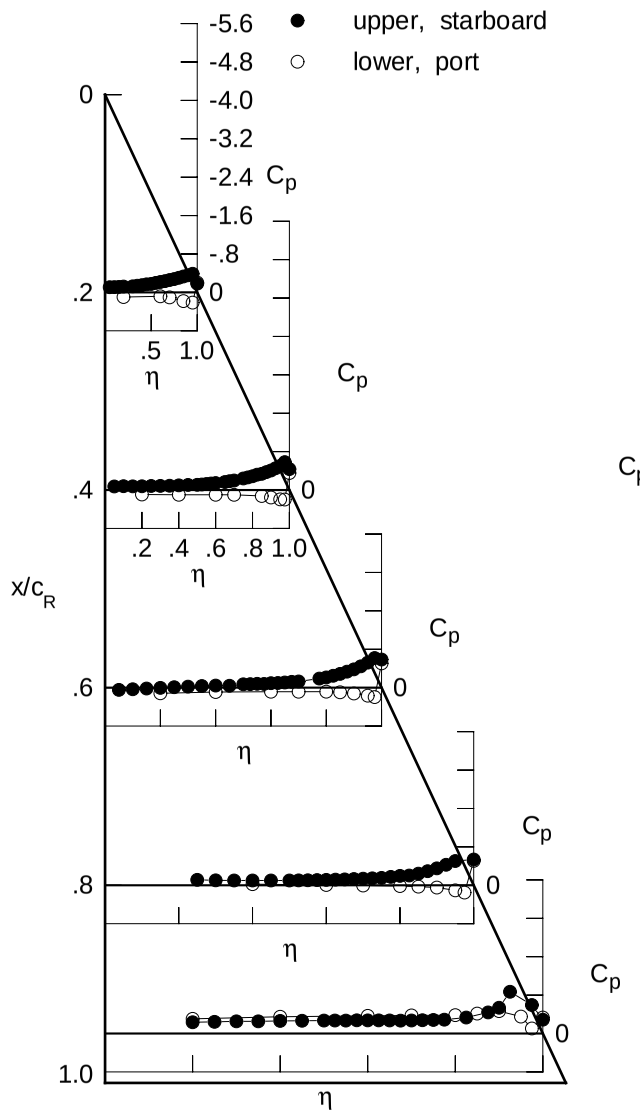


x/c_R	starb'd C_p	port C_p
0.10	0.0661	*******
0.20	-0.0604	-0.0783
0.30	-0.1455	*******
0.40	-0.2396	-0.1822
0.50	-0.2763	*******
0.60	-0.3403	-0.2801
0.70	-0.3272	*******
0.80	-0.3043	-0.2822
0.90	*******	*******
0.95	-0.1557	-0.1945

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	-0.1079	-0.0740	0.0464	*******	*******
0.100	-0.1092	-0.0801	0.0336	*******	*******
0.150	-0.1139	-0.0772	0.0185	*******	*******
0.200	-0.1214	-0.0783	0.0047	*******	-0.2344
0.250	*******	-0.0850	-0.0084	-0.1138	-0.2429
0.300	-0.1263	-0.0868	-0.0207	-0.1031	-0.2537
0.350	-0.1390	-0.0897	-0.0337	-0.1002	-0.2534
0.400	-0.1507	-0.0977	-0.0433	-0.1003	-0.2620
0.450	-0.1682	-0.1067	-0.0392	-0.0998	-0.2656
0.500	-0.1760	-0.1087	-0.0698	-0.0998	-0.2697
0.525	*******	-0.1149	-0.0725	-0.1025	-0.2702
0.550	-0.1979	-0.1256	-0.0800	-0.1045	-0.2685
0.575	*******	-0.1359	-0.0767	-0.1089	-0.2755
0.600	-0.2170	-0.1458	-0.0928	-0.1130	-0.2737
0.625	*******	*******	-0.0967	-0.1176	-0.2737
0.650	-0.2344	-0.1668	-0.1074	-0.1224	-0.2718
0.675	*******	-0.1837	-0.1204	-0.1304	-0.2683
0.700	-0.2578	-0.1986	-0.1291	-0.1376	-0.2710
0.725	*******	*******	*******	-0.1444	-0.2770
0.750	-0.2780	-0.2409	*******	-0.1545	-0.2820
0.775	*******	-0.2632	-0.1891	-0.1753	-0.2878
0.800	-0.3042	-0.2871	-0.2129	-0.1959	*******
0.825	*******	-0.3196	-0.2473	-0.2035	-0.3330
0.850	-0.3311	-0.3379	-0.2868	-0.2423	*******
0.875	*******	-0.3740	-0.3325	-0.2939	-0.4388
0.900	-0.3561	-0.4069	-0.3807	-0.3527	-0.5365
0.925	*******	-0.4535	-0.4443	-0.4269	-0.8699
0.950	-0.3879	-0.5020	-0.5209	-0.5058	*******
0.975	*******	-0.5813	-0.6167	*******	-0.5934
1.000	-0.1825	-0.4361	-0.5854	-0.5365	-0.2883
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0968	0.0931	0.1180	*******	-0.3055
-0.400	*******	0.0987	0.0916	-0.0234	-0.3490
-0.600	0.0817	0.0987	0.0852	-0.0063	-0.3677
-0.700	0.1040	0.0990	0.0850	0.0048	-0.3765
-0.800	*******	*******	0.0838	0.0164	-0.3824
-0.850	0.1816	0.1239	0.0969	0.0279	-0.4155
-0.900	*******	0.1552	0.1214	0.0470	-0.4664
-0.950	0.2127	0.1948	0.1673	0.1056	-0.3525
-0.975	*******	0.1973	0.1964	0.1508	-0.1050
-1.000	-0.2051	-0.3545	-0.5056	-0.5092	-0.3329

Surface Pressures



Large Radius L.E.

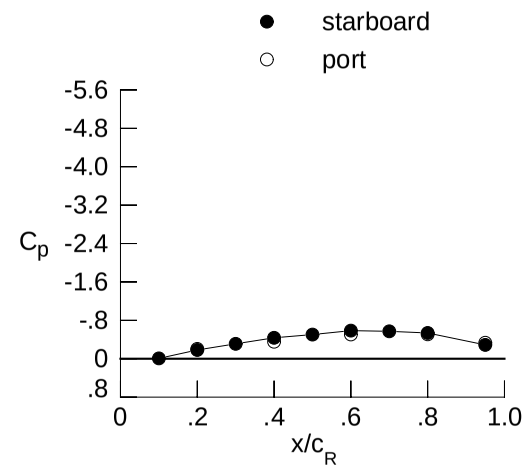
Run No. = 77 , Point No. = 1627

C_N = 0.186, C_m = -0.0207

α = 5.8 °, M_∞ = 0.401

R_{mac} = 60.3×10^6

Leading Edge Pressures

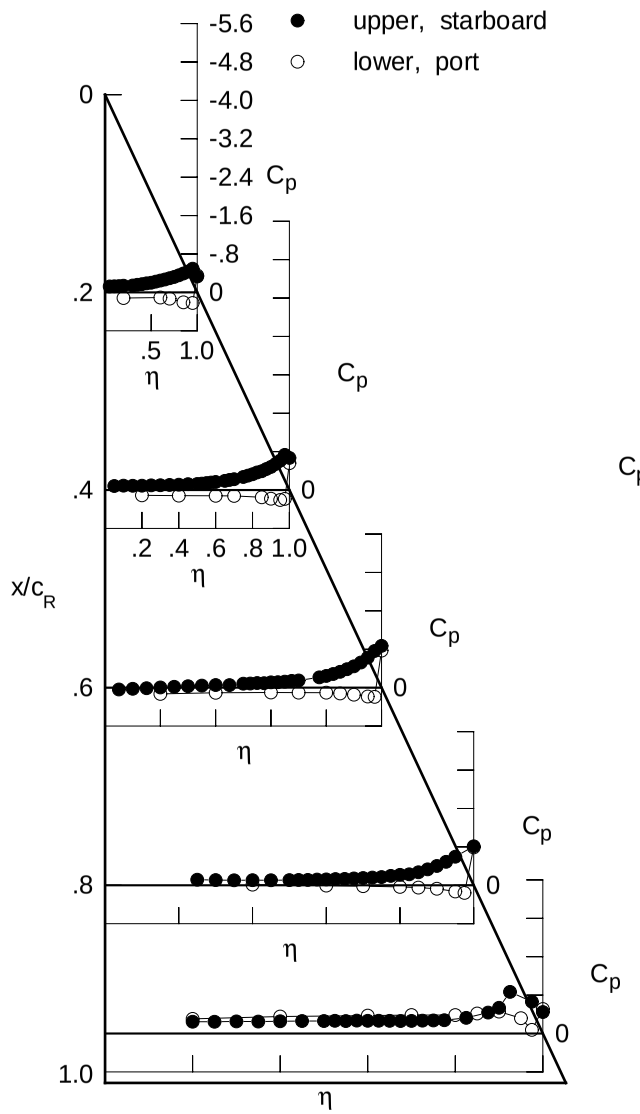


x/c_R	starb'd C_p	port C_p
0.10	-0.0068	*******
0.20	-0.1825	-0.2051
0.30	-0.3107	*******
0.40	-0.4361	-0.3545
0.50	-0.5033	*******
0.60	-0.5854	-0.5056
0.70	-0.5712	*******
0.80	-0.5365	-0.5092
0.90	*******	*******
0.95	-0.2883	-0.3329

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	-0.1241	-0.0842	0.0387	*******	*******
0.100	-0.1271	-0.0914	0.0241	*******	*******
0.150	-0.1307	-0.0886	0.0123	*******	*******
0.200	-0.1396	-0.0903	-0.0037	*******	-0.2455
0.250	*******	-0.0972	-0.0174	-0.1162	-0.2450
0.300	-0.1434	-0.0999	-0.0298	-0.1088	-0.2517
0.350	-0.1583	-0.1064	-0.0427	-0.1041	-0.2488
0.400	-0.1710	-0.1109	-0.0541	-0.1064	-0.2549
0.450	-0.1892	-0.1224	-0.0528	-0.1048	-0.2597
0.500	-0.2011	-0.1254	-0.0823	-0.1079	-0.2602
0.525	*******	-0.1338	-0.0854	-0.1116	-0.2647
0.550	-0.2236	-0.1447	-0.0957	-0.1117	-0.2594
0.575	*******	-0.1562	-0.0927	-0.1189	-0.2687
0.600	-0.2462	-0.1677	-0.1107	-0.1225	-0.2652
0.625	*******	*******	-0.1136	-0.1300	-0.2658
0.650	-0.2686	-0.1915	-0.1250	-0.1332	-0.2638
0.675	*******	-0.2101	-0.1407	-0.1426	-0.2601
0.700	-0.2950	-0.2256	-0.1497	-0.1509	-0.2623
0.725	*******	*******	*******	-0.1604	-0.2682
0.750	-0.3215	-0.2724	*******	-0.1713	-0.2717
0.775	*******	-0.3000	-0.2148	-0.1962	-0.2765
0.800	-0.3557	-0.3288	-0.2439	-0.2172	*******
0.825	*******	-0.3667	-0.2842	-0.2288	-0.3263
0.850	-0.3937	-0.3922	-0.3295	-0.2711	*******
0.875	*******	-0.4374	-0.3839	-0.3318	-0.4358
0.900	-0.4329	-0.4814	-0.4442	-0.4020	-0.5360
0.925	*******	-0.5419	-0.5230	-0.4890	-0.8673
0.950	-0.4935	-0.6122	-0.6257	-0.5949	*******
0.975	*******	-0.7325	-0.7643	*******	-0.6629
1.000	-0.3309	-0.6692	-0.8703	-0.8124	-0.4472
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1175	0.1107	0.1304	*******	-0.3050
-0.400	*******	0.1168	0.1069	-0.0137	-0.3540
-0.600	0.1075	0.1200	0.1010	0.0061	-0.3724
-0.700	0.1306	0.1222	0.1038	0.0183	-0.3848
-0.800	*******	*******	0.1052	0.0338	-0.3843
-0.850	0.2073	0.1510	0.1206	0.0479	-0.4166
-0.900	*******	0.1809	0.1461	0.0722	-0.4564
-0.950	0.2207	0.2072	0.1846	0.1289	-0.3190
-0.975	*******	0.1846	0.1921	0.1586	-0.0762
-1.000	-0.3527	-0.5604	-0.7715	-0.7886	-0.5102

Surface Pressures



Large Radius L.E.

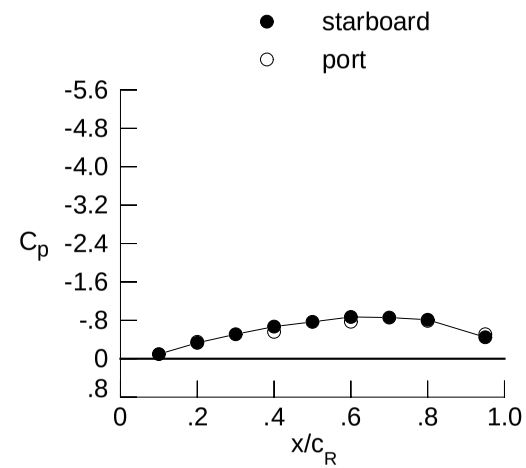
Run No. = 77 , Point No. = 1628

C_N = 0.222, C_m = -0.0268

α = 6.8 °, M_∞ = 0.401

R_{mac} = 60.3×10^6

Leading Edge Pressures

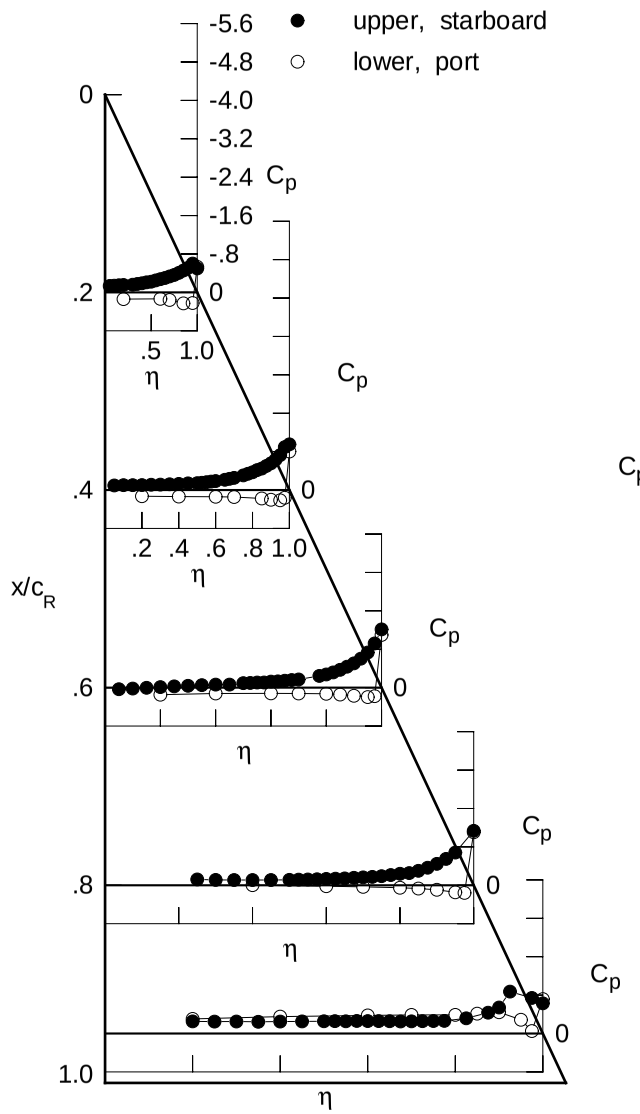


x/c_R	starb'd C_p	port C_p
0.10	-0.0956	*******
0.20	-0.3309	-0.3527
0.30	-0.5098	*******
0.40	-0.6692	-0.5604
0.50	-0.7678	*******
0.60	-0.8703	-0.7715
0.70	-0.8577	*******
0.80	-0.8124	-0.7886
0.90	*******	*******
0.95	-0.4472	-0.5102

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	-0.1346	-0.0953	0.0325	*******	*******
0.100	-0.1400	-0.1014	0.0190	*******	*******
0.150	-0.1489	-0.1013	0.0036	*******	*******
0.200	-0.1542	-0.1032	-0.0112	*******	-0.2525
0.250	*******	-0.1104	-0.0260	-0.1216	-0.2483
0.300	-0.1603	-0.1125	-0.0386	-0.1118	-0.2497
0.350	-0.1754	-0.1196	-0.0523	-0.1099	-0.2442
0.400	-0.1892	-0.1283	-0.0631	-0.1098	-0.2491
0.450	-0.2100	-0.1392	-0.0630	-0.1100	-0.2519
0.500	-0.2222	-0.1435	-0.0937	-0.1133	-0.2552
0.525	*******	-0.1511	-0.0979	-0.1178	-0.2574
0.550	-0.2492	-0.1636	-0.1067	-0.1210	-0.2542
0.575	*******	-0.1760	-0.1072	-0.1258	-0.2619
0.600	-0.2750	-0.1874	-0.1254	-0.1324	-0.2592
0.625	*******	*******	-0.1313	-0.1380	-0.2585
0.650	-0.2997	-0.2137	-0.1437	-0.1433	-0.2562
0.675	*******	-0.2333	-0.1587	-0.1558	-0.2505
0.700	-0.3320	-0.2538	-0.1707	-0.1648	-0.2535
0.725	*******	*******	*******	-0.1753	-0.2565
0.750	-0.3636	-0.3051	*******	-0.1895	-0.2596
0.775	*******	-0.3381	-0.2438	-0.2137	-0.2630
0.800	-0.4061	-0.3694	-0.2747	-0.2403	*******
0.825	*******	-0.4155	-0.3171	-0.2543	-0.3167
0.850	-0.4555	-0.4473	-0.3711	-0.3013	*******
0.875	*******	-0.5014	-0.4359	-0.3657	-0.4334
0.900	-0.5109	-0.5565	-0.5059	-0.4463	-0.5416
0.925	*******	-0.6321	-0.6032	-0.5499	-0.8724
0.950	-0.6007	-0.7271	-0.7319	-0.6816	*******
0.975	*******	-0.8947	-0.9206	*******	-0.7410
1.000	-0.4989	-0.9517	-1.2136	-1.1341	-0.6291
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1400	0.1290	0.1471	*******	-0.3038
-0.400	*******	0.1364	0.1218	-0.0026	-0.3520
-0.600	0.1342	0.1399	0.1195	0.0193	-0.3764
-0.700	0.1578	0.1454	0.1219	0.0327	-0.3871
-0.800	*******	*******	0.1276	0.0509	-0.3883
-0.850	0.2289	0.1759	0.1442	0.0677	-0.4137
-0.900	*******	0.2027	0.1692	0.0939	-0.4436
-0.950	0.2215	0.2135	0.1969	0.1463	-0.2860
-0.975	*******	0.1604	0.1774	0.1582	-0.0514
-1.000	-0.5331	-0.8025	-1.0976	-1.1051	-0.7168

Surface Pressures



Large Radius L.E.

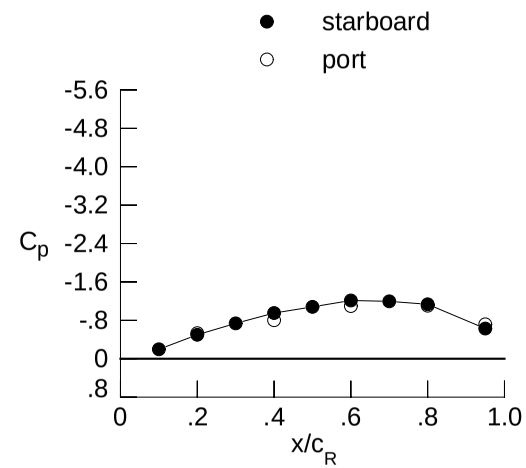
Run No. = 77 , Point No. = 1629

C_N = 0.256, C_m = -0.0311

α = 7.8 °, M_∞ = 0.401

R_{mac} = 60.3×10^6

Leading Edge Pressures

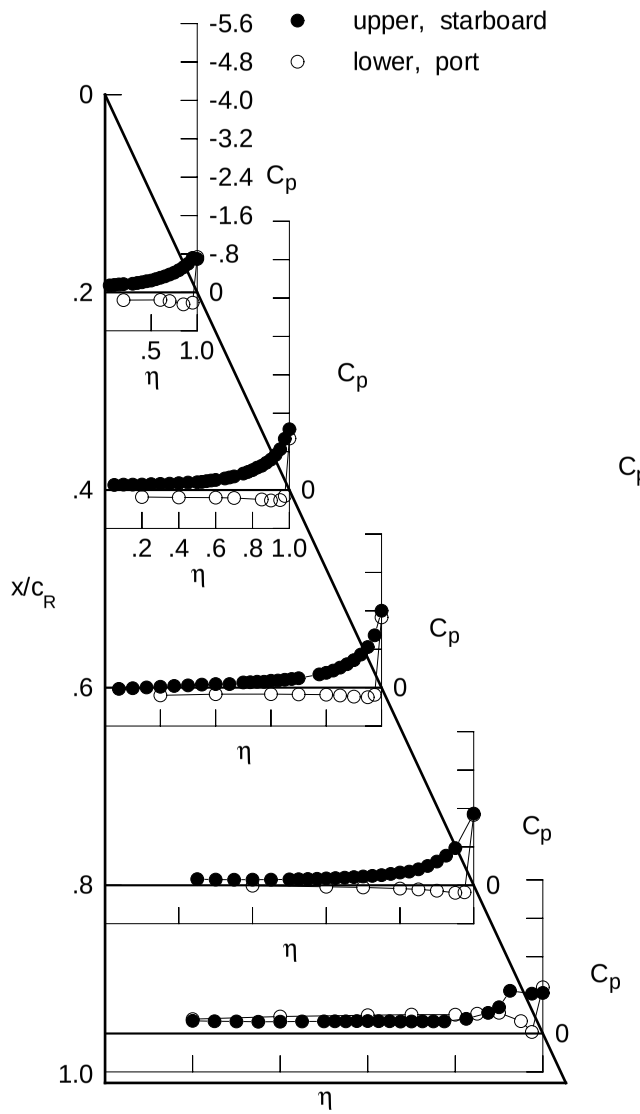


x/c_R	starb'd C_p	port C_p
0.10	-0.1965	*******
0.20	-0.4989	-0.5331
0.30	-0.7369	*******
0.40	-0.9517	-0.8025
0.50	-1.0805	*******
0.60	-1.2136	-1.0976
0.70	-1.1957	*******
0.80	-1.1341	-1.1051
0.90	*******	*******
0.95	-0.6291	-0.7168

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	-0.1455	-0.1065	0.0255	*******	*******
0.100	-0.1547	-0.1132	0.0119	*******	*******
0.150	-0.1658	-0.1126	-0.0043	*******	*******
0.200	-0.1717	-0.1147	-0.0186	*******	-0.2644
0.250	*******	-0.1229	-0.0349	-0.1278	-0.2550
0.300	-0.1800	-0.1282	-0.0475	-0.1183	-0.2514
0.350	-0.1957	-0.1332	-0.0629	-0.1163	-0.2444
0.400	-0.2106	-0.1433	-0.0743	-0.1179	-0.2467
0.450	-0.2321	-0.1563	-0.0747	-0.1176	-0.2510
0.500	-0.2465	-0.1622	-0.1079	-0.1232	-0.2527
0.525	*******	-0.1700	-0.1131	-0.1261	-0.2543
0.550	-0.2755	-0.1848	-0.1234	-0.1310	-0.2533
0.575	*******	-0.1981	-0.1225	-0.1356	-0.2581
0.600	-0.3050	-0.2100	-0.1434	-0.1433	-0.2589
0.625	*******	*******	-0.1480	-0.1494	-0.2568
0.650	-0.3344	-0.2405	-0.1642	-0.1583	-0.2556
0.675	*******	-0.2617	-0.1796	-0.1706	-0.2488
0.700	-0.3720	-0.2833	-0.1958	-0.1829	-0.2501
0.725	*******	*******	*******	-0.1963	-0.2529
0.750	-0.4107	-0.3421	*******	-0.2110	-0.2516
0.775	*******	-0.3767	-0.2758	-0.2370	-0.2521
0.800	-0.4615	-0.4151	-0.3085	-0.2653	*******
0.825	*******	-0.4661	-0.3553	-0.2845	-0.3055
0.850	-0.5225	-0.5054	-0.4170	-0.3327	*******
0.875	*******	-0.5680	-0.4879	-0.4024	-0.4296
0.900	-0.5967	-0.6353	-0.5731	-0.4946	-0.5469
0.925	*******	-0.7313	-0.6889	-0.6168	-0.8896
0.950	-0.7181	-0.8493	-0.8454	-0.7741	*******
0.975	*******	-1.0683	-1.0901	*******	-0.8298
1.000	-0.6956	-1.2667	-1.6022	-1.4927	-0.8454
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.1607	0.1453	0.1605	*******	-0.2995
-0.400	*******	0.1546	0.1360	0.0090	-0.3539
-0.600	0.1570	0.1586	0.1349	0.0306	-0.3805
-0.700	0.1807	0.1658	0.1405	0.0448	-0.3933
-0.800	*******	*******	0.1461	0.0688	-0.3920
-0.850	0.2492	0.1972	0.1636	0.0855	-0.4124
-0.900	*******	0.2177	0.1873	0.1128	-0.4323
-0.950	0.2143	0.2089	0.2001	0.1571	-0.2580
-0.975	*******	0.1234	0.1487	0.1459	-0.0320
-1.000	-0.7367	-1.0741	-1.4643	-1.4658	-0.9623

Surface Pressures



Large Radius L.E.

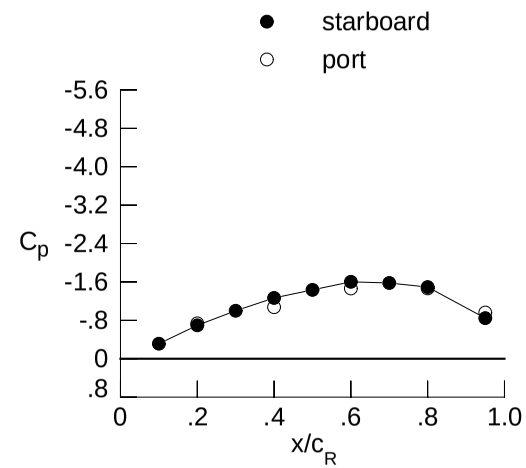
Run No. = 77 , Point No. = 1630

C_N = 0.293, C_m = -0.0382

α = 8.9 °, M_∞ = 0.402

R_{mac} = 60.3×10^6

Leading Edge Pressures

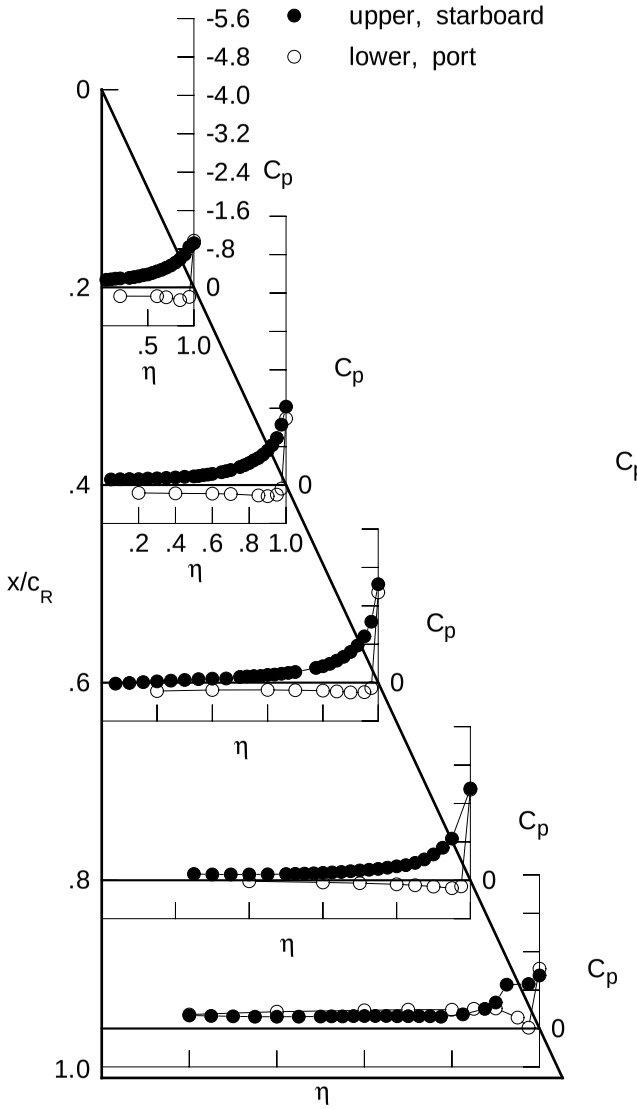


x/c_R	starb'd Cp	port Cp
0.10	-0.3128	*******
0.20	-0.6956	-0.7367
0.30	-0.9992	*******
0.40	-1.2667	-1.0741
0.50	-1.4341	*******
0.60	-1.6022	-1.4643
0.70	-1.5780	*******
0.80	-1.4927	-1.4658
0.90	*******	*******
0.95	-0.8454	-0.9623

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	-0.1583	-0.1160	0.0207	*******	*******
0.100	-0.1668	-0.1206	0.0062	*******	*******
0.150	-0.1817	-0.1246	-0.0100	*******	*******
0.200	-0.1865	-0.1234	-0.0262	*******	-0.2711
0.250	*******	-0.1352	-0.0413	-0.1314	-0.2621
0.300	-0.1973	-0.1388	-0.0561	-0.1214	-0.2539
0.350	-0.2137	-0.1481	-0.0729	-0.1216	-0.2454
0.400	-0.2303	-0.1576	-0.0832	-0.1216	-0.2454
0.450	-0.2534	-0.1722	-0.0865	-0.1238	-0.2466
0.500	-0.2699	-0.1801	-0.1192	-0.1293	-0.2499
0.525	*******	-0.1882	-0.1283	-0.1348	-0.2536
0.550	-0.3010	-0.2046	-0.1367	-0.1387	-0.2517
0.575	*******	-0.2172	-0.1390	-0.1449	-0.2589
0.600	-0.3333	-0.2331	-0.1607	-0.1547	-0.2607
0.625	*******	*******	-0.1677	-0.1634	-0.2606
0.650	-0.3672	-0.2667	-0.1848	-0.1731	-0.2609
0.675	*******	-0.2891	-0.2036	-0.1888	-0.2553
0.700	-0.4099	-0.3129	-0.2212	-0.2050	-0.2567
0.725	*******	*******	*******	-0.2196	-0.2570
0.750	-0.4556	-0.3756	*******	-0.2370	-0.2552
0.775	*******	-0.4142	-0.3066	-0.2623	-0.2460
0.800	-0.5161	-0.4576	-0.3419	-0.2908	*******
0.825	*******	-0.5147	-0.3916	-0.3153	-0.2941
0.850	-0.5905	-0.5620	-0.4580	-0.3622	*******
0.875	*******	-0.6347	-0.5386	-0.4347	-0.4087
0.900	-0.6839	-0.7174	-0.6392	-0.5386	-0.5416
0.925	*******	-0.8315	-0.7732	-0.6782	-0.9137
0.950	-0.8437	-0.9792	-0.9638	-0.8678	*******
0.975	*******	-1.2577	-1.2697	*******	-0.9274
1.000	-0.9208	-1.6325	-2.0502	-1.9128	-1.1046
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.1823	0.1643	0.1752	*******	-0.2914
-0.400	*******	0.1734	0.1527	0.0204	-0.3503
-0.600	0.1836	0.1794	0.1512	0.0444	-0.3782
-0.700	0.2059	0.1874	0.1579	0.0601	-0.3929
-0.800	*******	*******	0.1661	0.0839	-0.3912
-0.850	0.2658	0.2164	0.1832	0.1035	-0.4096
-0.900	*******	0.2318	0.2036	0.1311	-0.4184
-0.950	0.1985	0.2004	0.1983	0.1641	-0.2280
-0.975	*******	0.0751	0.1123	0.1265	-0.0169
-1.000	-0.9729	-1.3846	-1.8812	-1.8889	-1.2465

Surface Pressures



Large Radius L.E.

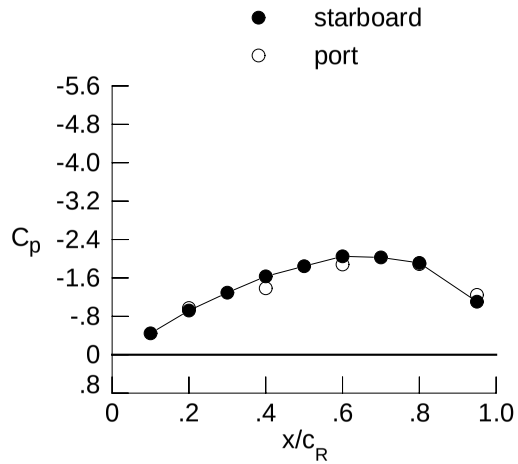
Run No. = 77 , Point No. = 1631

C_N = 0.331, C_m = -0.0446

α = 9.9 °, M_∞ = 0.402

R_{mac} = 60.3×10^6

Leading Edge Pressures

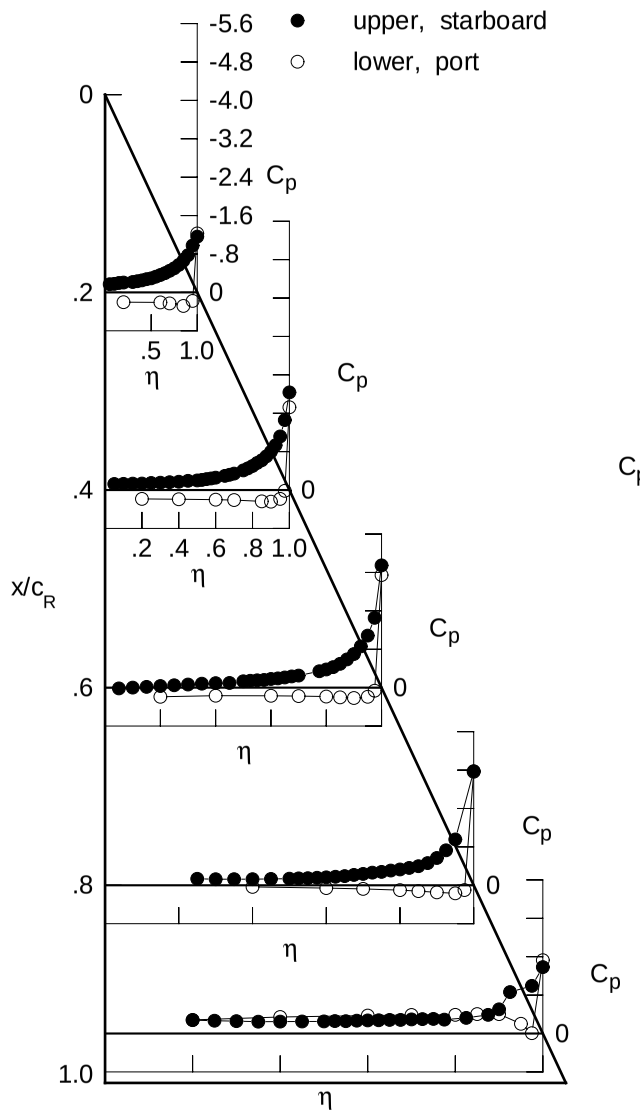


x/c_R	starb'd Cp	port Cp
0.10	-0.4455	*******
0.20	-0.9208	-0.9729
0.30	-1.2926	*******
0.40	-1.6325	-1.3846
0.50	-1.8443	*******
0.60	-2.0502	-1.8812
0.70	-2.0268	*******
0.80	-1.9128	-1.8889
0.90	*******	*******
0.95	-1.1046	-1.2465

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	-0.1701	-0.1262	0.0160	*******	*******
0.100	-0.1778	-0.1288	-0.0007	*******	*******
0.150	-0.1958	-0.1334	-0.0157	*******	*******
0.200	-0.2045	-0.1354	-0.0338	*******	-0.2784
0.250	*******	-0.1474	-0.0496	-0.1356	-0.2663
0.300	-0.2157	-0.1524	-0.0650	-0.1264	-0.2576
0.350	-0.2327	-0.1629	-0.0826	-0.1271	-0.2465
0.400	-0.2503	-0.1732	-0.0935	-0.1273	-0.2478
0.450	-0.2749	-0.1917	-0.0976	-0.1323	-0.2503
0.500	-0.2928	-0.1998	-0.1332	-0.1375	-0.2517
0.525	*******	-0.2105	-0.1433	-0.1442	-0.2589
0.550	-0.3264	-0.2275	-0.1529	-0.1477	-0.2569
0.575	*******	-0.2406	-0.1597	-0.1564	-0.2672
0.600	-0.3621	-0.2575	-0.1811	-0.1658	-0.2731
0.625	*******	*******	-0.1931	-0.1776	-0.2761
0.650	-0.4005	-0.2956	-0.2118	-0.1914	-0.2831
0.675	*******	-0.3177	-0.2337	-0.2159	-0.2830
0.700	-0.4497	-0.3425	-0.2510	-0.2367	-0.2940
0.725	*******	*******	*******	-0.2631	-0.2999
0.750	-0.5015	-0.4092	*******	-0.2794	-0.3043
0.775	*******	-0.4524	-0.3417	-0.3072	-0.2888
0.800	-0.5718	-0.5011	-0.3787	-0.3297	*******
0.825	*******	-0.5640	-0.4274	-0.3618	-0.3255
0.850	-0.6603	-0.6197	-0.4956	-0.3978	*******
0.875	*******	-0.7018	-0.5878	-0.4624	-0.3888
0.900	-0.7750	-0.8000	-0.6999	-0.5690	-0.5036
0.925	*******	-0.9343	-0.8595	-0.7287	-0.8633
0.950	-0.9771	-1.1168	-1.0843	-0.9550	*******
0.975	*******	-1.4573	-1.4544	*******	-0.9928
1.000	-1.1613	-2.0343	-2.5469	-2.3772	-1.3831
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.2040	0.1850	0.1900	*******	-0.2834
-0.400	*******	0.1918	0.1677	0.0339	-0.3439
-0.600	0.2085	0.2006	0.1699	0.0582	-0.3733
-0.700	0.2295	0.2088	0.1758	0.0756	-0.3865
-0.800	*******	*******	0.1853	0.1012	-0.3889
-0.850	0.2826	0.2362	0.2023	0.1216	-0.4051
-0.900	*******	0.2425	0.2162	0.1472	-0.4043
-0.950	0.1775	0.1847	0.1903	0.1673	-0.2022
-0.975	*******	0.0164	0.0640	0.0995	-0.0070
-1.000	-1.2283	-1.7242	-2.3455	-2.3651	-1.5276

Surface Pressures



Large Radius L.E.

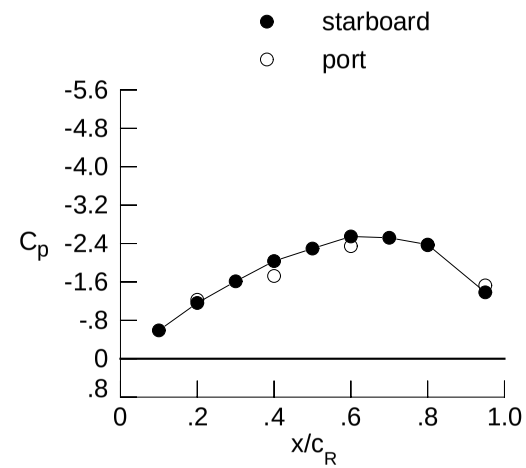
Run No. = 77 , Point No. = 1632

C_N = 0.367, C_m = -0.0492

α = 10.9 °, M_∞ = 0.402

R_{mac} = 60.4×10^6

Leading Edge Pressures

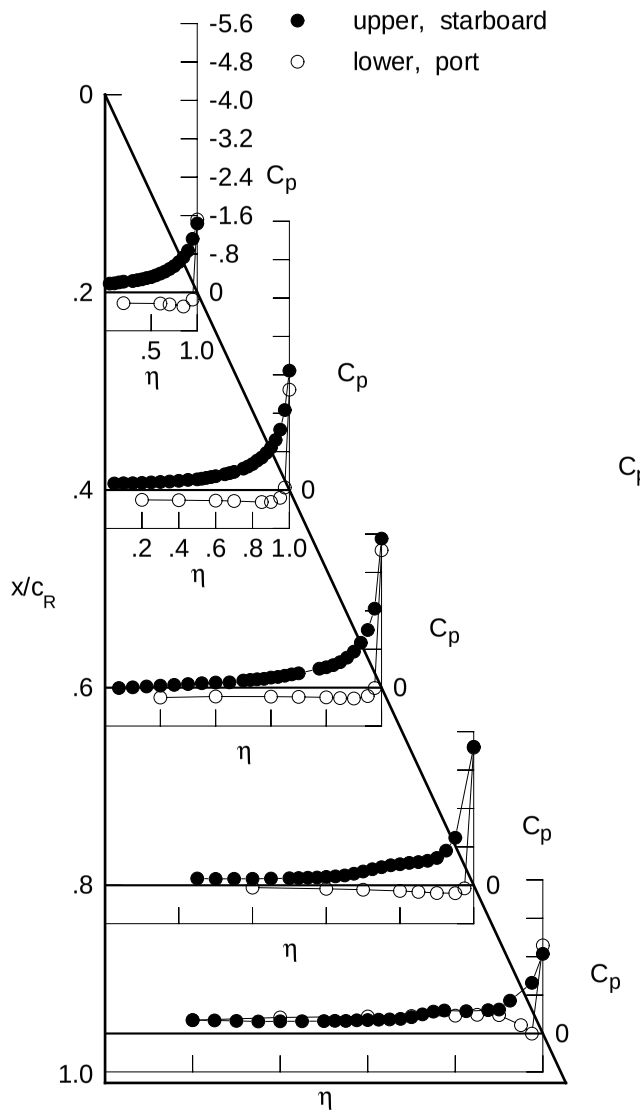


x/c_R	starb'd C_p	port C_p
0.10	-0.5903	*******
0.20	-1.1613	-1.2283
0.30	-1.6125	*******
0.40	-2.0343	-1.7242
0.50	-2.2954	*******
0.60	-2.5469	-2.3455
0.70	-2.5196	*******
0.80	-2.3772	-2.3651
0.90	*******	*******
0.95	-1.3831	-1.5276

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	-0.1834	-0.1361	0.0077	*******	*******
0.100	-0.1883	-0.1410	-0.0061	*******	*******
0.150	-0.2079	-0.1417	-0.0241	*******	*******
0.200	-0.2235	-0.1489	-0.0412	*******	-0.2797
0.250	*******	-0.1584	-0.0578	-0.1413	-0.2718
0.300	-0.2371	-0.1678	-0.0745	-0.1331	-0.2626
0.350	-0.2540	-0.1779	-0.0923	-0.1354	-0.2502
0.400	-0.2722	-0.1921	-0.1060	-0.1351	-0.2545
0.450	-0.2979	-0.2112	-0.1102	-0.1399	-0.2551
0.500	-0.3178	-0.2226	-0.1478	-0.1467	-0.2588
0.525	*******	-0.2357	-0.1610	-0.1511	-0.2636
0.550	-0.3536	-0.2533	-0.1741	-0.1574	-0.2627
0.575	*******	-0.2707	-0.1833	-0.1614	-0.2753
0.600	-0.3920	-0.2877	-0.2094	-0.1746	-0.2804
0.625	*******	*******	-0.2230	-0.1855	-0.2879
0.650	-0.4339	-0.3281	-0.2484	-0.2048	-0.2934
0.675	*******	-0.3522	-0.2761	-0.2411	-0.3049
0.700	-0.4882	-0.3779	-0.2988	-0.2869	-0.3399
0.725	*******	*******	*******	-0.3344	-0.3985
0.750	-0.5480	-0.4453	*******	-0.3768	-0.4563
0.775	*******	-0.4898	-0.3940	-0.4169	-0.4796
0.800	-0.6302	-0.5416	-0.4241	-0.4381	*******
0.825	*******	-0.6133	-0.4679	-0.4662	-0.4650
0.850	-0.7326	-0.6769	-0.5307	-0.4830	*******
0.875	*******	-0.7720	-0.6247	-0.5107	-0.4861
0.900	-0.8704	-0.8845	-0.7506	-0.5699	-0.4995
0.925	*******	-1.0420	-0.9351	-0.7214	-0.6836
0.950	-1.1149	-1.2578	-1.2005	-0.9907	*******
0.975	*******	-1.6662	-1.6455	*******	-1.0560
1.000	-1.4351	-2.4864	-3.1045	-2.8854	-1.6603
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2248	0.2050	0.2065	*******	-0.2768
-0.400	*******	0.2116	0.1848	0.0484	-0.3346
-0.600	0.2320	0.2205	0.1869	0.0736	-0.3541
-0.700	0.2515	0.2289	0.1931	0.0925	-0.3643
-0.800	*******	*******	0.2022	0.1179	-0.3718
-0.850	0.2945	0.2507	0.2181	0.1378	-0.3895
-0.900	*******	0.2486	0.2267	0.1613	-0.3831
-0.950	0.1491	0.1620	0.1763	0.1645	-0.1734
-0.975	*******	-0.0525	0.0086	0.0640	0.0025
-1.000	-1.5180	-2.0905	-2.8624	-2.8670	-1.8363

Surface Pressures



Large Radius L.E.

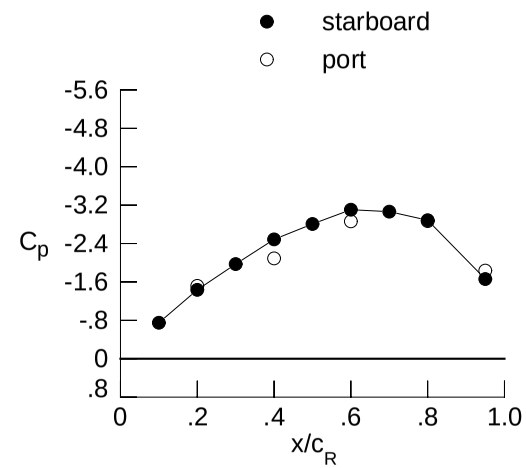
Run No. = 77 , Point No. = 1633

C_N = 0.414, C_m = -0.0601

α = 11.9 °, M_∞ = 0.401

R_{mac} = 60.3×10^6

Leading Edge Pressures

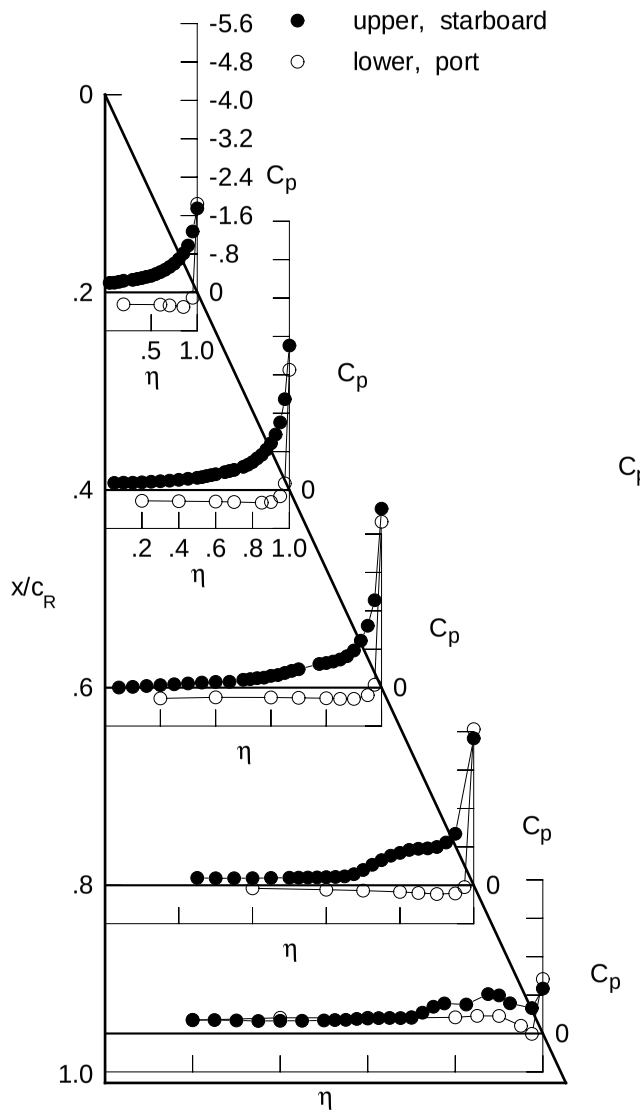


x/c_R	starb'd C_p	port C_p
0.10	-0.7493	*******
0.20	-1.4351	-1.5180
0.30	-1.9719	*******
0.40	-2.4864	-2.0905
0.50	-2.8071	*******
0.60	-3.1045	-2.8624
0.70	-3.0644	*******
0.80	-2.8854	-2.8670
0.90	*******	*******
0.95	-1.6603	-1.8363

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	-0.1986	-0.1483	-0.0023	*******	*******
0.100	-0.2014	-0.1527	-0.0160	*******	*******
0.150	-0.2202	-0.1518	-0.0342	*******	*******
0.200	-0.2425	-0.1600	-0.0520	*******	-0.2859
0.250	*******	-0.1731	-0.0703	-0.1537	-0.2805
0.300	-0.2613	-0.1830	-0.0871	-0.1463	-0.2719
0.350	-0.2800	-0.1949	-0.1053	-0.1468	-0.2611
0.400	-0.2989	-0.2127	-0.1192	-0.1480	-0.2648
0.450	-0.3237	-0.2346	-0.1228	-0.1527	-0.2657
0.500	-0.3450	-0.2541	-0.1638	-0.1576	-0.2718
0.525	*******	-0.2683	-0.1778	-0.1592	-0.2811
0.550	-0.3819	-0.2905	-0.1980	-0.1619	-0.2849
0.575	*******	-0.3096	-0.2081	-0.1641	-0.3037
0.600	-0.4228	-0.3285	-0.2456	-0.1694	-0.3128
0.625	*******	*******	-0.2627	-0.1739	-0.3209
0.650	-0.4704	-0.3724	-0.3055	-0.1857	-0.3243
0.675	*******	-0.3968	-0.3486	-0.2310	-0.3218
0.700	-0.5302	-0.4193	-0.3829	-0.3186	-0.3392
0.725	*******	*******	*******	-0.4269	-0.4334
0.750	-0.5989	-0.4832	*******	-0.5238	-0.5575
0.775	*******	-0.5273	-0.4930	-0.6162	-0.6263
0.800	-0.6913	-0.5823	-0.5132	-0.6756	*******
0.825	*******	-0.6596	-0.5430	-0.7364	-0.6040
0.850	-0.8118	-0.7336	-0.5855	-0.7609	*******
0.875	*******	-0.8418	-0.6549	-0.7686	-0.8209
0.900	-0.9751	-0.9742	-0.7746	-0.7972	-0.7939
0.925	*******	-1.1558	-0.9782	-0.8910	-0.6299
0.950	-1.2690	-1.4077	-1.2893	-1.0731	*******
0.975	*******	-1.8927	-1.8215	*******	-0.5296
1.000	-1.7495	-3.0093	-3.7277	-3.0605	-0.9357
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2496	0.2244	0.2238	*******	-0.2758
-0.400	*******	0.2324	0.2022	0.0634	-0.3274
-0.600	0.2555	0.2404	0.2048	0.0919	-0.3268
-0.700	0.2722	0.2497	0.2124	0.1112	-0.3269
-0.800	*******	*******	0.2210	0.1372	-0.3370
-0.850	0.3037	0.2634	0.2347	0.1600	-0.3668
-0.900	*******	0.2494	0.2347	0.1821	-0.3657
-0.950	0.1112	0.1299	0.1569	0.1693	-0.1606
-0.975	*******	-0.1376	-0.0608	0.0376	0.0075
-1.000	-1.8440	-2.5039	-3.4561	-3.2524	-1.1349

Surface Pressures



Large Radius L.E.

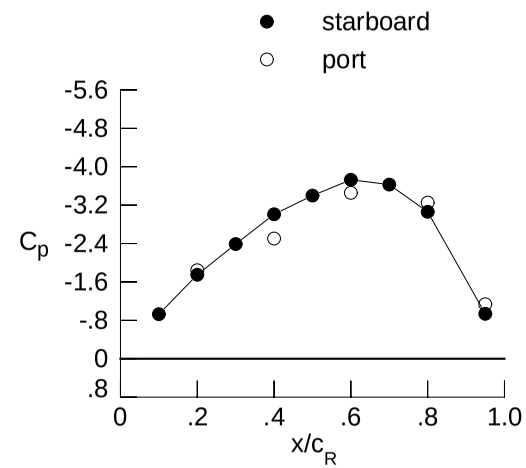
Run No. = 77 , Point No. = 1634

C_N = 0.471, C_m = -0.0744

α = 13.0 °, M_∞ = 0.402

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

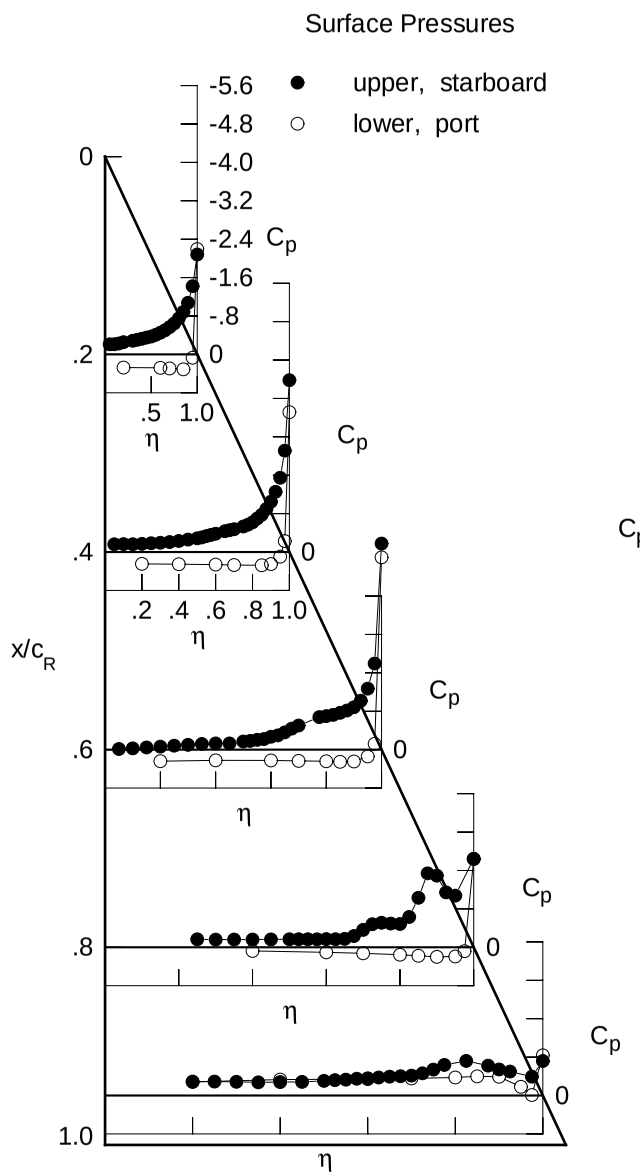
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.9281	*******
0.20	-1.7495	-1.8440
0.30	-2.3884	*******
0.40	-3.0093	-2.5039
0.50	-3.3989	*******
0.60	-3.7277	-3.4561
0.70	-3.6282	*******
0.80	-3.0605	-3.2524
0.90	*******	*******
0.95	-0.9357	-1.1349

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	-0.2107	-0.1614	-0.0140	*******	*******
0.100	-0.2110	-0.1649	-0.0268	*******	*******
0.150	-0.2269	-0.1623	-0.0455	*******	*******
0.200	-0.2545	-0.1704	-0.0628	*******	-0.2903
0.250	*******	-0.1829	-0.0824	-0.1663	-0.2902
0.300	-0.2843	-0.1937	-0.0999	-0.1600	-0.2855
0.350	-0.3047	-0.2077	-0.1187	-0.1612	-0.2744
0.400	-0.3254	-0.2305	-0.1295	-0.1618	-0.2801
0.450	-0.3503	-0.2591	-0.1298	-0.1643	-0.2837
0.500	-0.3721	-0.2855	-0.1695	-0.1676	-0.3050
0.525	*******	-0.3038	-0.1821	-0.1679	-0.3198
0.550	-0.4080	-0.3332	-0.2046	-0.1671	-0.3302
0.575	*******	-0.3576	-0.2211	-0.1662	-0.3497
0.600	-0.4519	-0.3814	-0.2687	-0.1703	-0.3585
0.625	*******	*******	-0.2965	-0.1680	-0.3751
0.650	-0.5014	-0.4339	-0.3600	-0.1749	-0.3927
0.675	*******	-0.4546	-0.4379	-0.2342	-0.4014
0.700	-0.5677	-0.4756	-0.5025	-0.3627	-0.4142
0.725	*******	*******	*******	-0.4799	-0.4624
0.750	-0.6443	-0.5317	*******	-0.5110	-0.5397
0.775	*******	-0.5686	-0.6777	-0.4943	-0.6368
0.800	-0.7487	-0.6186	-0.6980	-0.4855	*******
0.825	*******	-0.6977	-0.7247	-0.6319	-0.7208
0.850	-0.8852	-0.7758	-0.7673	-1.0312	*******
0.875	*******	-0.8962	-0.8149	-1.5410	-0.6227
0.900	-1.0752	-1.0493	-0.8835	-1.4923	-0.5425
0.925	*******	-1.2551	-1.0191	-1.1440	-0.4994
0.950	-1.4210	-1.5481	-1.2708	-1.0761	*******
0.975	*******	-2.1122	-1.7946	*******	-0.3926
1.000	-2.0806	-3.5798	-4.2926	-1.8448	-0.7188
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2744	0.2467	0.2408	*******	-0.2821
-0.400	*******	0.2538	0.2229	0.0758	-0.3323
-0.600	0.2797	0.2620	0.2247	0.1053	-0.3413
-0.700	0.2929	0.2713	0.2344	0.1256	-0.3563
-0.800	*******	*******	0.2420	0.1553	-0.3753
-0.850	0.3109	0.2760	0.2533	0.1767	-0.3995
-0.900	*******	0.2501	0.2466	0.1992	-0.3908
-0.950	0.0694	0.0960	0.1417	0.1909	-0.1812
-0.975	*******	-0.2269	-0.1210	0.0810	-0.0105
-1.000	-2.1946	-2.9147	-4.0061	-1.8381	-0.8372



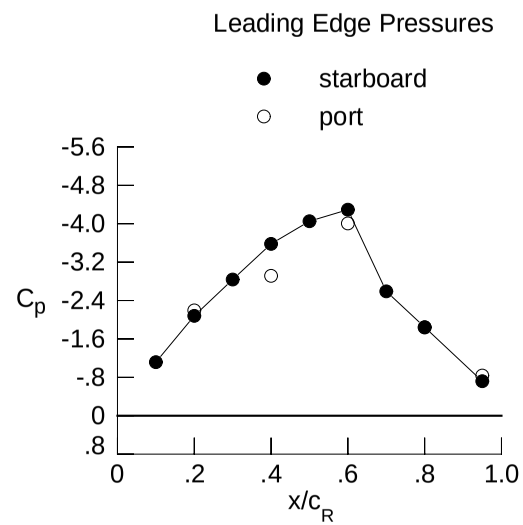
Large Radius L.E.

Run No. = 77 , Point No. = 1635

C_N = 0.517, C_m = -0.0806

α = 14.0 °, M_∞ = 0.402

R_{mac} = 60.3×10^6

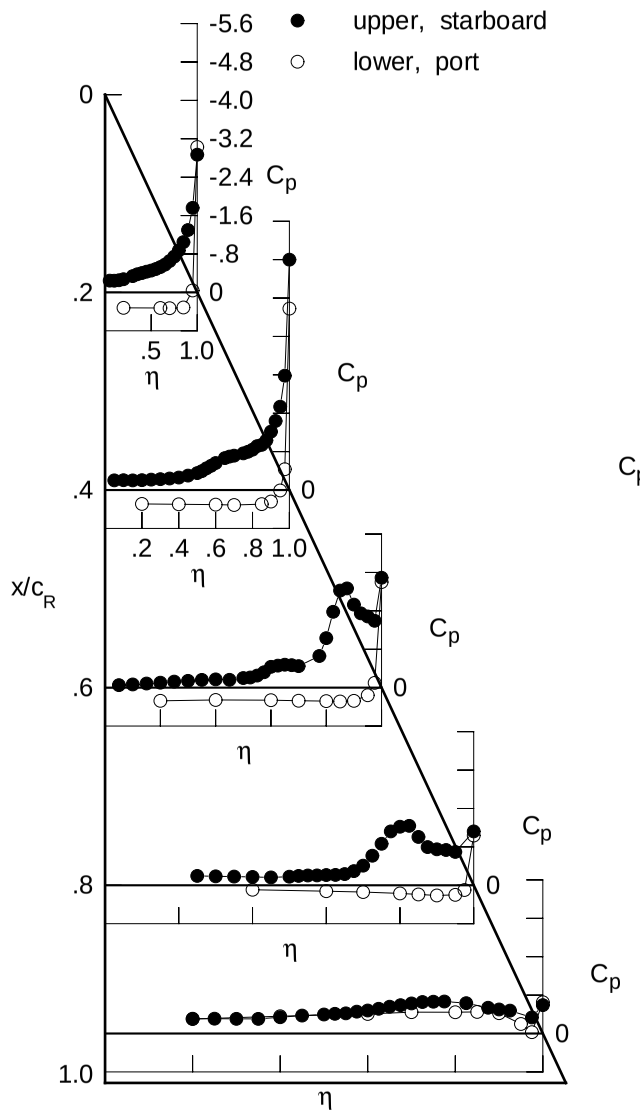


x/c_R	starb'd C_p	port C_p
0.10	-1.1159	*******
0.20	-2.0806	-2.1946
0.30	-2.8373	*******
0.40	-3.5798	-2.9147
0.50	-4.0523	*******
0.60	-4.2926	-4.0061
0.70	-2.5911	*******
0.80	-1.8448	-1.8381
0.90	*******	*******
0.95	-0.7188	-0.8372

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	-0.2451	-0.2017	-0.0517	*******	*******
0.100	-0.2430	-0.2049	-0.0665	*******	*******
0.150	-0.2529	-0.2009	-0.0856	*******	*******
0.200	-0.2748	-0.2057	-0.1028	*******	-0.3083
0.250	*******	-0.2171	-0.1256	-0.1955	-0.3087
0.300	-0.3394	-0.2261	-0.1419	-0.1867	-0.3057
0.350	-0.3778	-0.2402	-0.1614	-0.1818	-0.3049
0.400	-0.4035	-0.2598	-0.1720	-0.1734	-0.3389
0.450	-0.4312	-0.3008	-0.1629	-0.1638	-0.3733
0.500	-0.4544	-0.3528	-0.2001	-0.1792	-0.3963
0.525	*******	-0.3938	-0.2109	-0.1951	-0.4107
0.550	-0.4862	-0.4523	-0.2512	-0.2042	-0.4202
0.575	*******	-0.5052	-0.3206	-0.2057	-0.4553
0.600	-0.5274	-0.5624	-0.4335	-0.2132	-0.4793
0.625	*******	*******	-0.4582	-0.2161	-0.5156
0.650	-0.5787	-0.6653	-0.4776	-0.2340	-0.5585
0.675	*******	-0.6970	-0.4681	-0.2950	-0.5901
0.700	-0.6530	-0.7161	-0.4479	-0.4090	-0.6264
0.725	*******	*******	*******	-0.6163	-0.6558
0.750	-0.7444	-0.7637	*******	-0.8644	-0.6627
0.775	*******	-0.7967	-0.6595	-1.1227	-0.6668
0.800	-0.8734	-0.8404	-1.0310	-1.2199	*******
0.825	*******	-0.9145	-1.5798	-1.2386	-0.6321
0.850	-1.0473	-0.9416	-2.0226	-1.0072	*******
0.875	*******	-1.0350	-2.0674	-0.7956	-0.5372
0.900	-1.2995	-1.2165	-1.7299	-0.7493	-0.5008
0.925	*******	-1.4386	-1.5483	-0.7350	-0.4764
0.950	-1.7610	-1.7360	-1.4829	-0.6956	*******
0.975	*******	-2.3821	-1.3931	*******	-0.3343
1.000	-2.8690	-4.7992	-2.2896	-1.1224	-0.5913
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.3219	0.2896	0.2745	*******	-0.3012
-0.400	*******	0.2970	0.2564	0.0928	-0.3603
-0.600	0.3249	0.3041	0.2614	0.1232	-0.4073
-0.700	0.3299	0.3119	0.2726	0.1408	-0.4446
-0.800	*******	*******	0.2807	0.1695	-0.4434
-0.850	0.3144	0.2940	0.2886	0.1908	-0.4500
-0.900	*******	0.2401	0.2751	0.2116	-0.4229
-0.950	-0.0397	0.0085	0.1583	0.1995	-0.1982
-0.975	*******	-0.4335	-0.0990	0.0981	-0.0279
-1.000	-3.0287	-3.7797	-2.1992	-1.0362	-0.6515

Surface Pressures



Large Radius L.E.

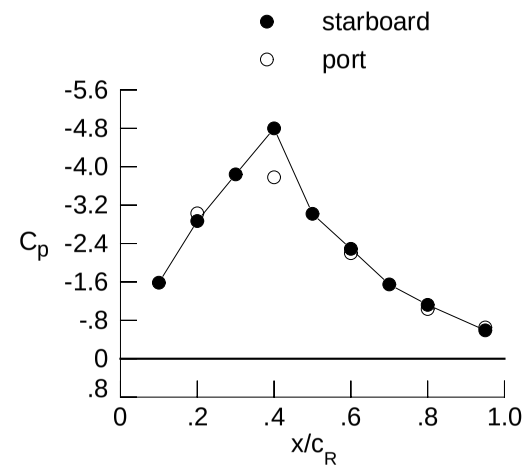
Run No. = 77 , Point No. = 1636

C_N = 0.611, C_m = -0.0883

α = 16.1 °, M_∞ = 0.401

R_{mac} = 60.3×10^6

Leading Edge Pressures

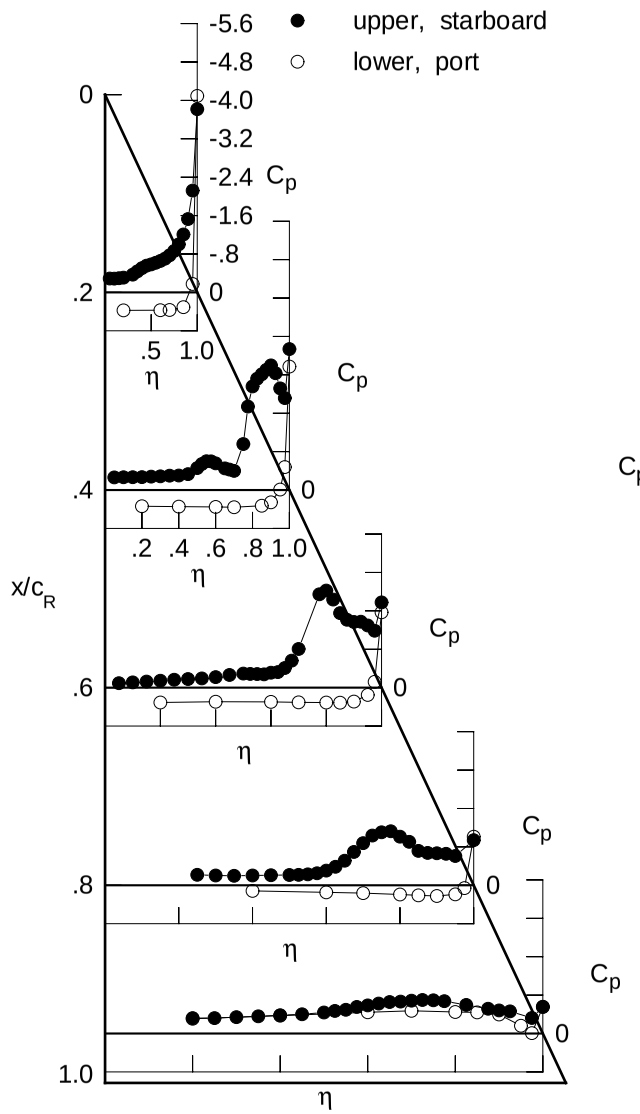


x/c_R	starb'd C_p	port C_p
0.10	-1.5842	*******
0.20	-2.8690	-3.0287
0.30	-3.8408	*******
0.40	-4.7992	-3.7797
0.50	-3.0191	*******
0.60	-2.2896	-2.1992
0.70	-1.5476	*******
0.80	-1.1224	-1.0362
0.90	*******	*******
0.95	-0.5913	-0.6515

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	-0.2884	-0.2630	-0.0925	*******	*******
0.100	-0.2862	-0.2667	-0.1095	*******	*******
0.150	-0.2949	-0.2668	-0.1267	*******	*******
0.200	-0.3069	-0.2686	-0.1442	*******	-0.3211
0.250	*******	-0.2789	-0.1651	-0.2185	-0.3210
0.300	-0.3699	-0.2852	-0.1793	-0.2039	-0.3407
0.350	-0.4375	-0.2995	-0.1922	-0.1980	-0.3587
0.400	-0.5046	-0.3026	-0.2193	-0.2041	-0.3805
0.450	-0.5570	-0.3308	-0.2638	-0.2097	-0.4012
0.500	-0.5836	-0.4573	-0.2927	-0.2145	-0.4372
0.525	*******	-0.5423	-0.2855	-0.2176	-0.4700
0.550	-0.6166	-0.6002	-0.2831	-0.2277	-0.4944
0.575	*******	-0.5972	-0.2769	-0.2504	-0.5533
0.600	-0.6550	-0.5561	-0.3109	-0.3057	-0.5853
0.625	*******	*******	-0.3243	-0.3854	-0.6239
0.650	-0.7025	-0.4512	-0.4089	-0.5118	-0.6561
0.675	*******	-0.4266	-0.5626	-0.6944	-0.6649
0.700	-0.7723	-0.3989	-0.8060	-0.8773	-0.6841
0.725	*******	*******	*******	-1.0362	-0.6981
0.750	-0.8634	-0.9585	*******	-1.1039	-0.6916
0.775	*******	-1.7394	-1.9445	-1.1255	-0.6739
0.800	-1.0013	-2.1584	-2.0222	-1.0131	*******
0.825	*******	-2.3194	-1.8353	-0.9059	-0.5951
0.850	-1.2060	-2.4110	-1.5530	-0.7172	*******
0.875	*******	-2.5041	-1.4145	-0.6744	-0.5162
0.900	-1.5283	-2.5969	-1.3679	-0.6668	-0.4804
0.925	*******	-2.4339	-1.3734	-0.6561	-0.4613
0.950	-2.1209	-2.1173	-1.2954	-0.6107	*******
0.975	*******	-1.9157	-1.1856	*******	-0.3244
1.000	-3.8165	-2.9367	-1.7759	-0.9403	-0.5578
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3746	0.3379	0.3094	*******	-0.3076
-0.400	*******	0.3456	0.2934	0.1169	-0.3710
-0.600	0.3711	0.3523	0.2968	0.1472	-0.4424
-0.700	0.3665	0.3586	0.3068	0.1628	-0.4729
-0.800	*******	*******	0.3103	0.1919	-0.4484
-0.850	0.3078	0.3269	0.3138	0.2095	-0.4396
-0.900	*******	0.2556	0.2906	0.2231	-0.3962
-0.950	-0.1749	-0.0106	0.1516	0.1889	-0.1620
-0.975	*******	-0.4782	-0.1204	0.0584	-0.0083
-1.000	-4.0926	-2.5717	-1.5695	-1.0118	-0.5528

Surface Pressures



Large Radius L.E.

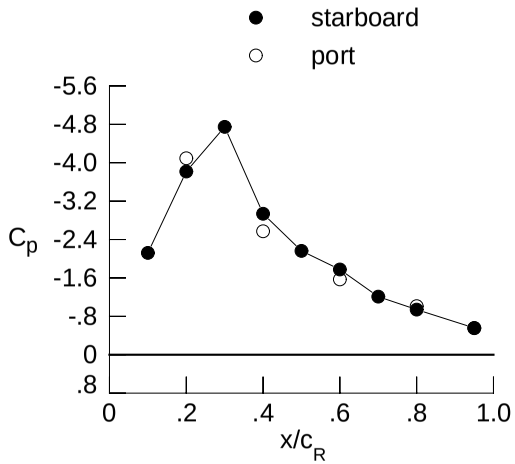
Run No. = 77 , Point No. = 1637

C_N = 0.718, C_m = -0.1007

α = 18.1 °, M_∞ = 0.402

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

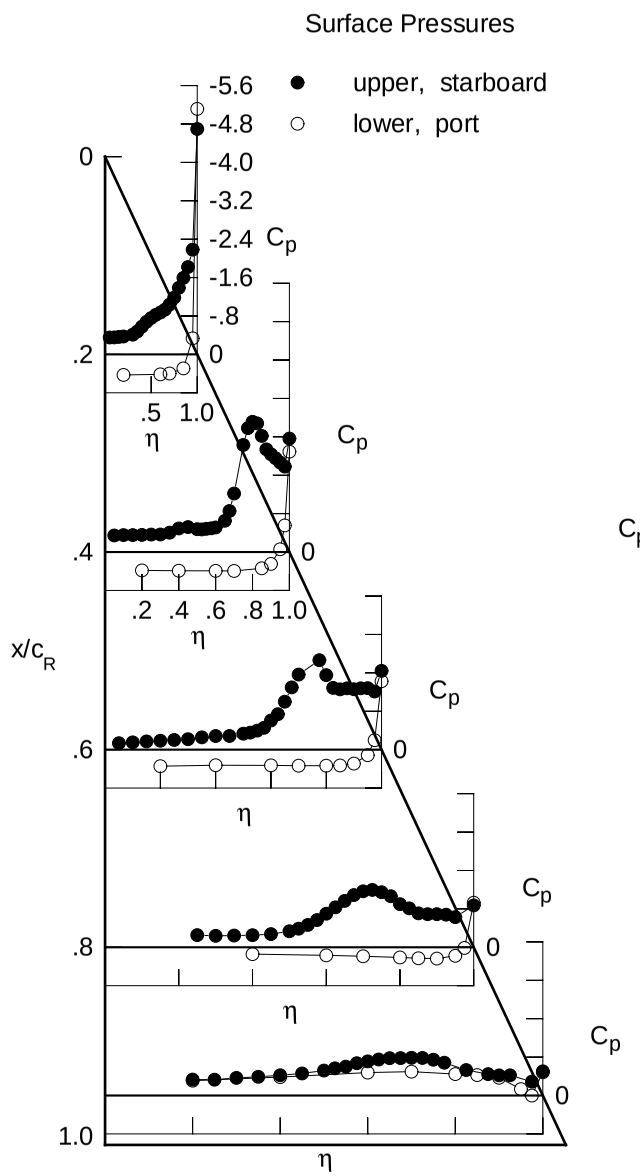
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-2.1213	*******
0.20	-3.8165	-4.0926
0.30	-4.7471	*******
0.40	-2.9367	-2.5717
0.50	-2.1634	*******
0.60	-1.7759	-1.5695
0.70	-1.2101	*******
0.80	-0.9403	-1.0118
0.90	*******	*******
0.95	-0.5578	-0.5528

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	-0.3520	-0.3449	-0.1346	*******	*******
0.100	-0.3534	-0.3525	-0.1517	*******	*******
0.150	-0.3642	-0.3531	-0.1709	*******	*******
0.200	-0.3732	-0.3565	-0.1855	*******	-0.3319
0.250	*******	-0.3640	-0.2018	-0.2539	-0.3294
0.300	-0.4103	-0.3657	-0.2175	-0.2387	-0.3675
0.350	-0.4772	-0.4035	-0.2558	-0.2446	-0.3893
0.400	-0.5781	-0.4910	-0.2842	-0.2518	-0.4219
0.450	-0.6795	-0.5204	-0.2846	-0.2741	-0.4596
0.500	-0.7566	-0.4760	-0.3324	-0.3339	-0.5199
0.525	*******	-0.4716	-0.3542	-0.3872	-0.5665
0.550	-0.8236	-0.4837	-0.3963	-0.4655	-0.6018
0.575	*******	-0.4933	-0.4555	-0.5674	-0.6731
0.600	-0.8717	-0.5123	-0.6075	-0.6992	-0.7112
0.625	*******	*******	-0.7387	-0.8316	-0.7508
0.650	-0.9330	-0.6508	-0.9994	-0.9663	-0.7778
0.675	*******	-0.8555	-1.2967	-1.0876	-0.7788
0.700	-1.0383	-1.2189	-1.5639	-1.1667	-0.7862
0.725	*******	*******	*******	-1.1953	-0.7822
0.750	-1.1829	-2.2316	*******	-1.1471	-0.7455
0.775	*******	-2.5812	-1.8634	-1.0644	-0.6831
0.800	-1.3869	-2.7139	-1.5519	-0.8981	*******
0.825	*******	-2.6800	-1.2860	-0.8116	-0.5306
0.850	-1.5946	-2.4193	-1.2561	-0.7076	*******
0.875	*******	-2.1394	-1.2777	-0.6898	-0.4453
0.900	-1.8203	-2.0364	-1.2583	-0.6899	-0.4194
0.925	*******	-1.9545	-1.2776	-0.6793	-0.4206
0.950	-2.1816	-1.8645	-1.2810	-0.6283	*******
0.975	*******	-1.7798	-1.2111	*******	-0.2884
1.000	-4.6962	-2.3639	-1.6417	-0.8725	-0.5037
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.4280	0.3829	0.3448	*******	-0.3090
-0.400	*******	0.3898	0.3250	0.1424	-0.3841
-0.600	0.4160	0.3918	0.3283	0.1678	-0.4778
-0.700	0.3986	0.3942	0.3347	0.1868	-0.4972
-0.800	*******	*******	0.3342	0.2116	-0.4467
-0.850	0.2919	0.3391	0.3295	0.2289	-0.4257
-0.900	*******	0.2474	0.2904	0.2354	-0.3696
-0.950	-0.3344	-0.0576	0.1151	0.1773	-0.1328
-0.975	*******	-0.5543	-0.1967	0.0136	0.0005
-1.000	-5.1145	-2.0913	-1.4245	-0.9291	-0.4836



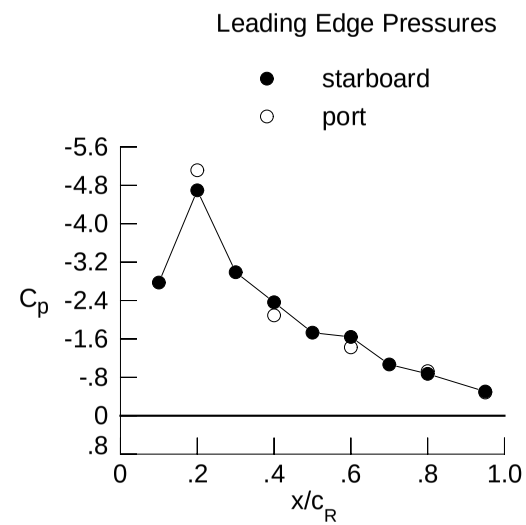
Large Radius L.E.

Run No. = 77 , Point No. = 1638

C_N = 0.834, C_m = -0.1130

α = 20.2 °, M_∞ = 0.402

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

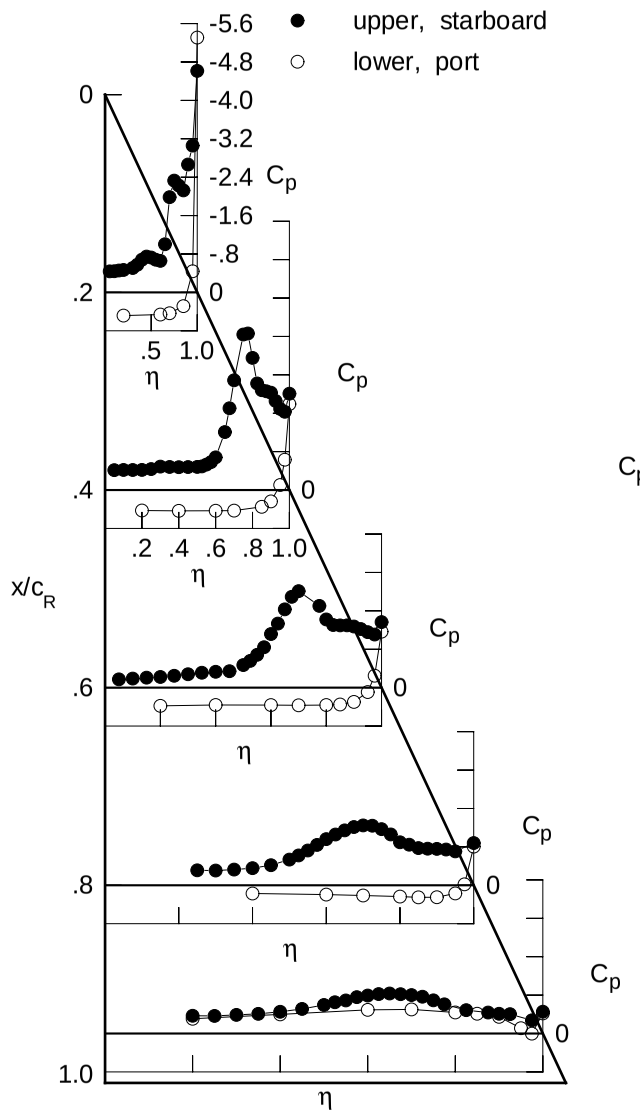


x/c_R	starb'd Cp	port Cp
0.10	-2.7746	*******
0.20	-4.6962	-5.1145
0.30	-2.9895	*******
0.40	-2.3639	-2.0913
0.50	-1.7303	*******
0.60	-1.6417	-1.4245
0.70	-1.0681	*******
0.80	-0.8725	-0.9291
0.90	*******	*******
0.95	-0.5037	-0.4836

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	-0.4384	-0.4142	-0.1727	*******	*******
0.100	-0.4405	-0.4181	-0.1888	*******	*******
0.150	-0.4561	-0.4180	-0.2082	*******	*******
0.200	-0.4676	-0.4195	-0.2226	*******	-0.3695
0.250	*******	-0.4371	-0.2468	-0.3119	-0.3667
0.300	-0.5078	-0.4884	-0.2790	-0.3071	-0.3880
0.350	-0.5759	-0.4808	-0.3105	-0.3273	-0.4094
0.400	-0.6815	-0.4762	-0.3303	-0.3565	-0.4528
0.450	-0.7463	-0.4794	-0.3428	-0.4186	-0.5117
0.500	-0.7262	-0.4814	-0.4706	-0.5356	-0.5943
0.525	*******	-0.4922	-0.5573	-0.6216	-0.6513
0.550	-0.6807	-0.5302	-0.6839	-0.7247	-0.6887
0.575	*******	-0.5826	-0.8417	-0.8406	-0.7574
0.600	-0.6564	-0.6807	-1.1172	-0.9617	-0.7914
0.625	*******	*******	-1.3347	-1.0577	-0.8213
0.650	-1.0033	-1.2078	-1.6314	-1.1438	-0.8338
0.675	*******	-1.7042	-1.8922	-1.2135	-0.8195
0.700	-1.9840	-2.2864	-2.0108	-1.2470	-0.8008
0.725	*******	*******	*******	-1.2405	-0.7664
0.750	-2.3285	-3.2398	*******	-1.1694	-0.6910
0.775	*******	-3.2614	-1.7035	-1.0591	-0.6079
0.800	-2.2255	-2.7527	-1.4207	-0.8957	*******
0.825	*******	-2.2212	-1.3046	-0.8455	-0.4868
0.850	-2.1248	-2.0796	-1.2968	-0.7755	*******
0.875	*******	-2.0577	-1.2977	-0.7621	-0.4364
0.900	-2.6641	-2.0278	-1.2738	-0.7581	-0.4112
0.925	*******	-1.8557	-1.2208	-0.7450	-0.4032
0.950	-3.0577	-1.6901	-1.1559	-0.7065	*******
0.975	*******	-1.6307	-1.1063	*******	-0.2749
1.000	-4.6146	-2.0075	-1.3656	-0.8797	-0.4546
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4835	0.4266	0.3793	*******	-0.3074
-0.400	*******	0.4338	0.3613	0.1708	-0.3981
-0.600	0.4617	0.4316	0.3633	0.1938	-0.4928
-0.700	0.4347	0.4286	0.3679	0.2130	-0.5020
-0.800	*******	*******	0.3628	0.2348	-0.4382
-0.850	0.2861	0.3499	0.3512	0.2512	-0.4116
-0.900	*******	0.2371	0.2973	0.2491	-0.3471
-0.950	-0.4402	-0.1048	0.0918	0.1695	-0.1107
-0.975	*******	-0.6317	-0.2491	-0.0199	0.0024
-1.000	-5.3085	-1.7910	-1.1666	-0.8058	-0.4186

Surface Pressures



Large Radius L.E.

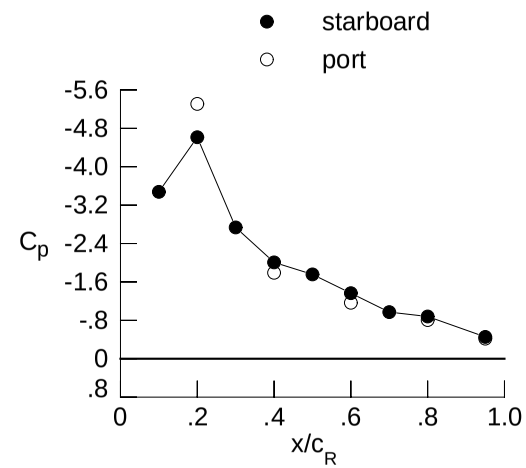
Run No. = 77 , Point No. = 1639

C_N = 0.949, C_m = -0.1253

α = 22.3 °, M_∞ = 0.402

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

Leading Edge Pressures

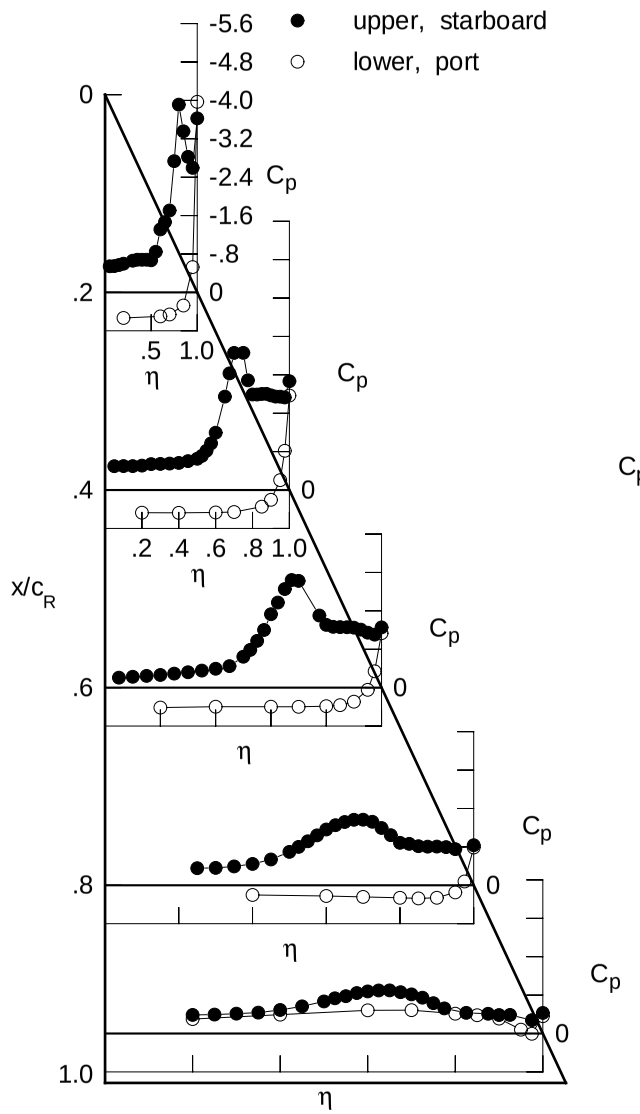


x/c_R	starb'd C_p	port C_p
0.10	-3.4766	*******
0.20	-4.6146	-5.3085
0.30	-2.7353	*******
0.40	-2.0075	-1.7910
0.50	-1.7566	*******
0.60	-1.3656	-1.1666
0.70	-0.9715	*******
0.80	-0.8797	-0.8058
0.90	*******	*******
0.95	-0.4546	-0.4186

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	-0.5442	-0.4965	-0.2083	*******	*******
0.100	-0.5484	-0.4994	-0.2260	*******	*******
0.150	-0.5706	-0.4986	-0.2444	*******	*******
0.200	-0.5974	-0.5087	-0.2639	*******	-0.3868
0.250	*******	-0.5402	-0.2919	-0.3560	-0.3941
0.300	-0.6598	-0.5441	-0.3206	-0.3624	-0.4134
0.350	-0.6805	-0.5515	-0.3550	-0.3927	-0.4356
0.400	-0.6800	-0.5648	-0.3937	-0.4444	-0.4902
0.450	-0.6805	-0.6026	-0.4483	-0.5374	-0.5660
0.500	-0.6685	-0.6515	-0.6441	-0.6957	-0.6683
0.525	*******	-0.7115	-0.7867	-0.7996	-0.7333
0.550	-0.8465	-0.8185	-0.9745	-0.9170	-0.7772
0.575	*******	-0.9719	-1.2012	-1.0397	-0.8436
0.600	-1.3119	-1.1943	-1.5299	-1.1621	-0.8768
0.625	*******	*******	-1.7726	-1.2520	-0.8971
0.650	-1.4648	-1.9461	-2.0547	-1.3180	-0.8983
0.675	*******	-2.4304	-2.2425	-1.3649	-0.8608
0.700	-1.7061	-2.8565	-2.2237	-1.3661	-0.8150
0.725	*******	*******	*******	-1.3236	-0.7461
0.750	-2.7344	-2.8576	*******	-1.1932	-0.6319
0.775	*******	-2.2855	-1.5023	-1.0442	-0.5229
0.800	-3.9121	-1.9905	-1.3080	-0.8848	*******
0.825	*******	-1.9897	-1.2672	-0.8634	-0.4305
0.850	-3.3560	-2.0019	-1.2610	-0.8143	*******
0.875	*******	-2.0038	-1.2587	-0.8050	-0.4113
0.900	-2.8242	-1.9720	-1.2500	-0.8061	-0.3844
0.925	*******	-1.9466	-1.2092	-0.7950	-0.3874
0.950	-2.5941	-1.9452	-1.1451	-0.7532	*******
0.975	*******	-1.9287	-1.1042	*******	-0.2782
1.000	-3.6257	-2.2675	-1.2551	-0.8345	-0.4291
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5330	0.4721	0.4151	*******	-0.3007
-0.400	*******	0.4750	0.3974	0.2016	-0.3931
-0.600	0.4997	0.4672	0.3978	0.2230	-0.4833
-0.700	0.4604	0.4586	0.3989	0.2424	-0.4862
-0.800	*******	*******	0.3862	0.2608	-0.4129
-0.850	0.2736	0.3464	0.3649	0.2733	-0.3809
-0.900	*******	0.2032	0.2926	0.2597	-0.3102
-0.950	-0.5274	-0.2067	0.0453	0.1480	-0.0802
-0.975	*******	-0.8179	-0.3408	-0.0788	0.0054
-1.000	-3.9704	-1.9678	-1.1333	-0.7874	-0.3610

Surface Pressures



Large Radius L.E.

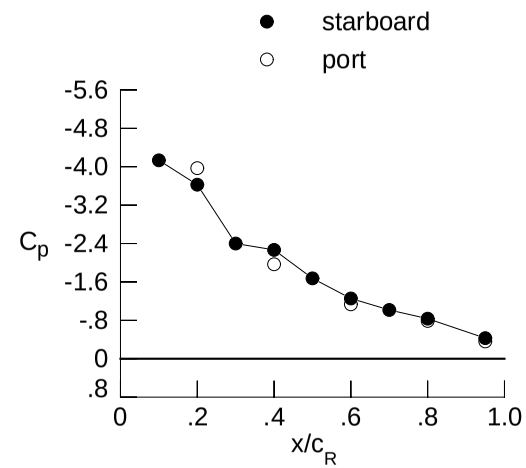
Run No. = 77 , Point No. = 1640

C_N = 1.073, C_m = -0.1416

α = 24.3 °, M_∞ = 0.402

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

Leading Edge Pressures

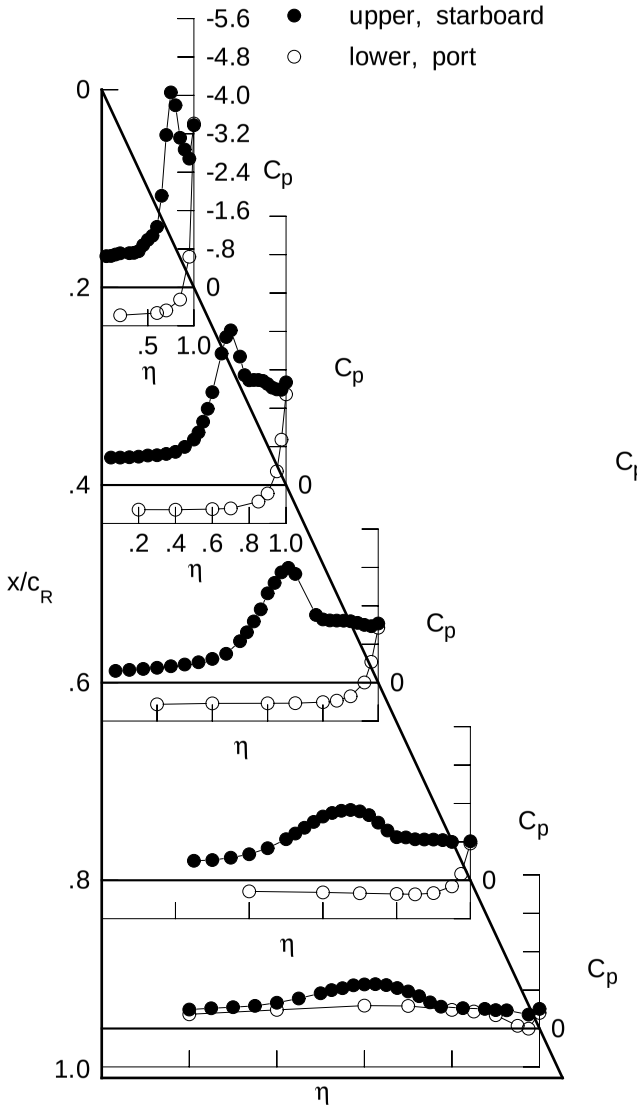


x/c_R	starb'd C_p	port C_p
0.10	-4.1336	*******
0.20	-3.6257	-3.9704
0.30	-2.3997	*******
0.40	-2.2675	-1.9678
0.50	-1.6745	*******
0.60	-1.2551	-1.1333
0.70	-1.0164	*******
0.80	-0.8345	-0.7874
0.90	*******	*******
0.95	-0.4291	-0.3610

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	-0.6507	-0.5720	-0.2445	*******	*******
0.100	-0.6553	-0.5724	-0.2652	*******	*******
0.150	-0.6847	-0.5794	-0.2859	*******	*******
0.200	-0.7103	-0.5912	-0.3095	*******	-0.3953
0.250	*******	-0.6149	-0.3413	-0.4061	-0.4219
0.300	-0.7126	-0.6205	-0.3773	-0.4218	-0.4441
0.350	-0.7201	-0.6481	-0.4247	-0.4706	-0.4718
0.400	-0.7538	-0.6910	-0.4943	-0.5424	-0.5367
0.450	-0.8810	-0.7940	-0.6008	-0.6681	-0.6255
0.500	-0.9904	-0.9469	-0.8629	-0.8559	-0.7345
0.525	*******	-1.0967	-1.0484	-0.9733	-0.8000
0.550	-1.0760	-1.3195	-1.2753	-1.0947	-0.8398
0.575	*******	-1.5889	-1.5275	-1.2159	-0.9002
0.600	-1.2617	-1.9340	-1.8608	-1.3284	-0.9185
0.625	*******	*******	-2.0773	-1.4026	-0.9237
0.650	-1.9082	-2.7392	-2.2980	-1.4482	-0.9045
0.675	*******	-3.0832	-2.3914	-1.4649	-0.8430
0.700	-3.1753	-3.2221	-2.2647	-1.4359	-0.7716
0.725	*******	*******	*******	-1.3577	-0.6739
0.750	-4.0617	-2.6759	*******	-1.2005	-0.5444
0.775	*******	-2.2898	-1.4104	-1.0370	-0.4540
0.800	-3.7948	-2.1826	-1.3169	-0.8976	*******
0.825	*******	-2.1885	-1.2959	-0.8926	-0.4240
0.850	-3.1158	-2.1881	-1.2927	-0.8543	*******
0.875	*******	-2.1690	-1.2907	-0.8494	-0.4089
0.900	-2.8725	-2.1044	-1.2795	-0.8483	-0.3829
0.925	*******	-2.0291	-1.2457	-0.8369	-0.3791
0.950	-2.6828	-1.9928	-1.2034	-0.7990	*******
0.975	*******	-1.9846	-1.1757	*******	-0.2907
1.000	-3.3793	-2.1391	-1.2319	-0.8128	-0.4091
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.5805	0.5127	0.4518	*******	-0.2960
-0.400	*******	0.5143	0.4323	0.2313	-0.3879
-0.600	0.5337	0.5016	0.4305	0.2525	-0.4769
-0.700	0.4801	0.4872	0.4281	0.2697	-0.4693
-0.800	*******	*******	0.4062	0.2850	-0.3884
-0.850	0.2534	0.3449	0.3762	0.2927	-0.3536
-0.900	*******	0.1758	0.2840	0.2674	-0.2780
-0.950	-0.6387	-0.2852	-0.0030	0.1264	-0.0558
-0.975	*******	-0.9450	-0.4328	-0.1337	0.0033
-1.000	-3.4137	-1.8893	-1.1442	-0.7680	-0.3247

Surface Pressures



Large Radius L.E.

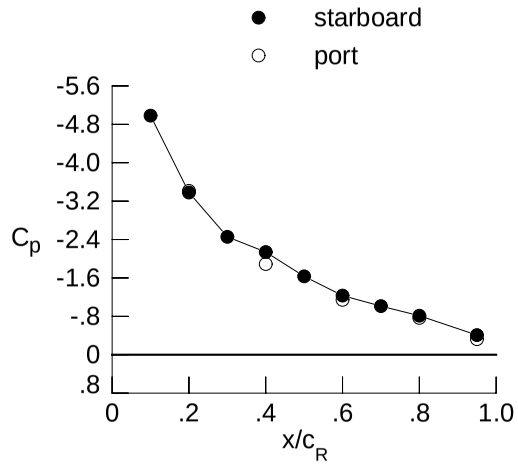
Run No. = 77 , Point No. = 1641

C_N = 1.189, C_m = -0.1541

α = 26.4 °, M_∞ = 0.402

R_{mac} = 60.2×10^6

Leading Edge Pressures

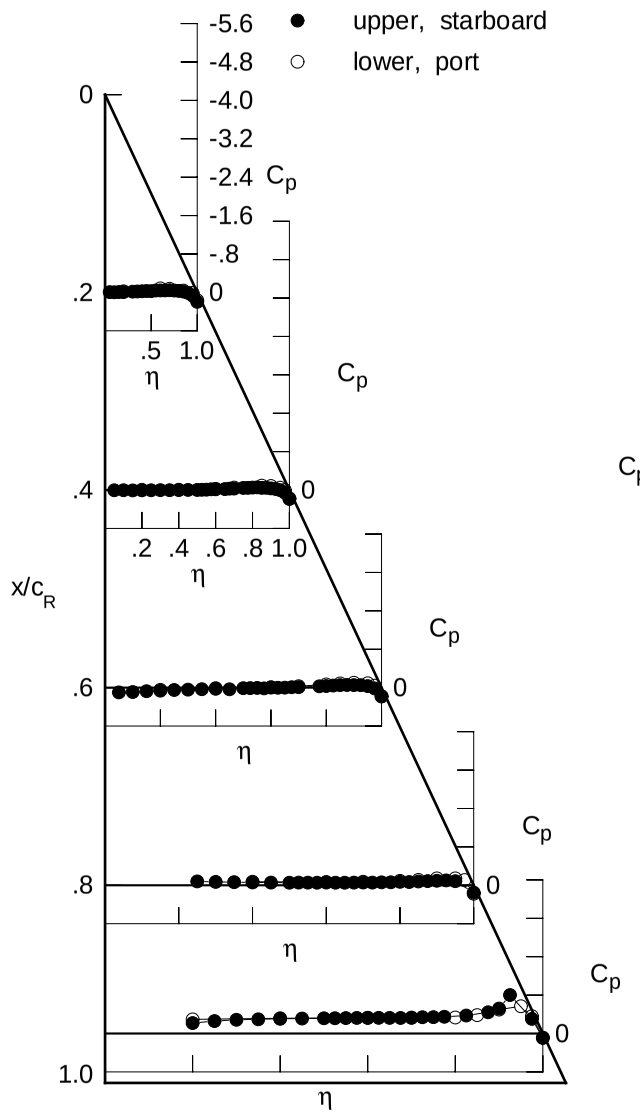


x/c_R	starb'd Cp	port Cp
0.10	-4.9812	*******
0.20	-3.3793	-3.4137
0.30	-2.4562	*******
0.40	-2.1391	-1.8893
0.50	-1.6329	*******
0.60	-1.2319	-1.1442
0.70	-1.0129	*******
0.80	-0.8128	-0.7680
0.90	*******	*******
0.95	-0.4091	-0.3247

Table E1. Concluded.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0060	0.0050	0.0996	*******	*******
0.100	-0.0025	0.0040	0.0911	*******	*******
0.150	-0.0076	0.0077	0.0743	*******	*******
0.200	-0.0065	0.0060	0.0633	*******	-0.2176
0.250	*******	0.0048	0.0490	-0.0811	-0.2594
0.300	-0.0151	0.0021	0.0417	-0.0701	-0.2856
0.350	-0.0190	0.0030	0.0328	-0.0646	-0.2963
0.400	-0.0228	-0.0009	0.0242	-0.0591	-0.3066
0.450	-0.0289	-0.0025	0.0344	-0.0564	-0.3119
0.500	-0.0253	-0.0018	0.0112	-0.0538	-0.3177
0.525	*******	-0.0056	0.0097	-0.0558	-0.3188
0.550	-0.0395	-0.0075	0.0057	-0.0550	-0.3219
0.575	*******	-0.0155	0.0153	-0.0536	-0.3247
0.600	-0.0409	-0.0155	-0.0005	-0.0568	-0.3261
0.625	*******	*******	0.0024	-0.0537	-0.3261
0.650	-0.0409	-0.0202	0.0001	-0.0537	-0.3258
0.675	*******	-0.0288	-0.0087	-0.0557	-0.3239
0.700	-0.0448	-0.0306	-0.0107	-0.0575	-0.3269
0.725	*******	*******	*******	-0.0563	-0.3388
0.750	-0.0386	-0.0444	*******	-0.0619	-0.3406
0.775	*******	-0.0458	-0.0279	-0.0620	-0.3484
0.800	-0.0309	-0.0510	-0.0336	-0.0718	*******
0.825	*******	-0.0556	-0.0428	-0.0681	-0.3741
0.850	-0.0166	-0.0458	-0.0521	-0.0788	*******
0.875	*******	-0.0467	-0.0549	-0.0876	-0.4426
0.900	0.0107	-0.0345	-0.0525	-0.0947	-0.5199
0.925	*******	-0.0223	-0.0515	-0.1019	-0.8012
0.950	0.0674	0.0032	-0.0320	-0.0859	*******
0.975	*******	0.0542	0.0165	*******	-0.3047
1.000	0.1968	0.1864	0.1797	0.1524	0.0912
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0227	-0.0049	0.0454	*******	-0.2946
-0.400	*******	-0.0056	0.0112	-0.0737	-0.3177
-0.600	-0.0830	-0.0247	-0.0093	-0.0686	-0.3278
-0.700	-0.0749	-0.0510	-0.0292	-0.0740	-0.3322
-0.800	*******	*******	-0.0666	-0.0925	-0.3336
-0.850	-0.0378	-0.0913	-0.0880	-0.1118	-0.3831
-0.900	*******	-0.0840	-0.1017	-0.1436	-0.4983
-0.950	0.0096	-0.0500	-0.0910	-0.1441	-0.5679
-0.975	*******	-0.0009	-0.0408	-0.1092	-0.3617
-1.000	0.1640	0.1722	0.1842	0.1758	0.0860

Surface Pressures



Large Radius L.E.

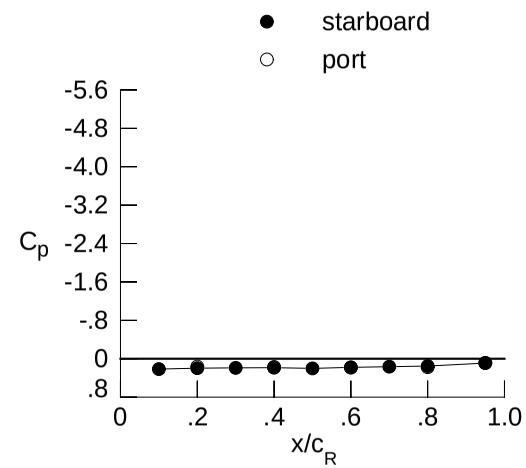
Run No. = 77 , Point No. = 1642

C_N = -0.020, C_m = 0.0030

α = -0.5 °, M_∞ = 0.402

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

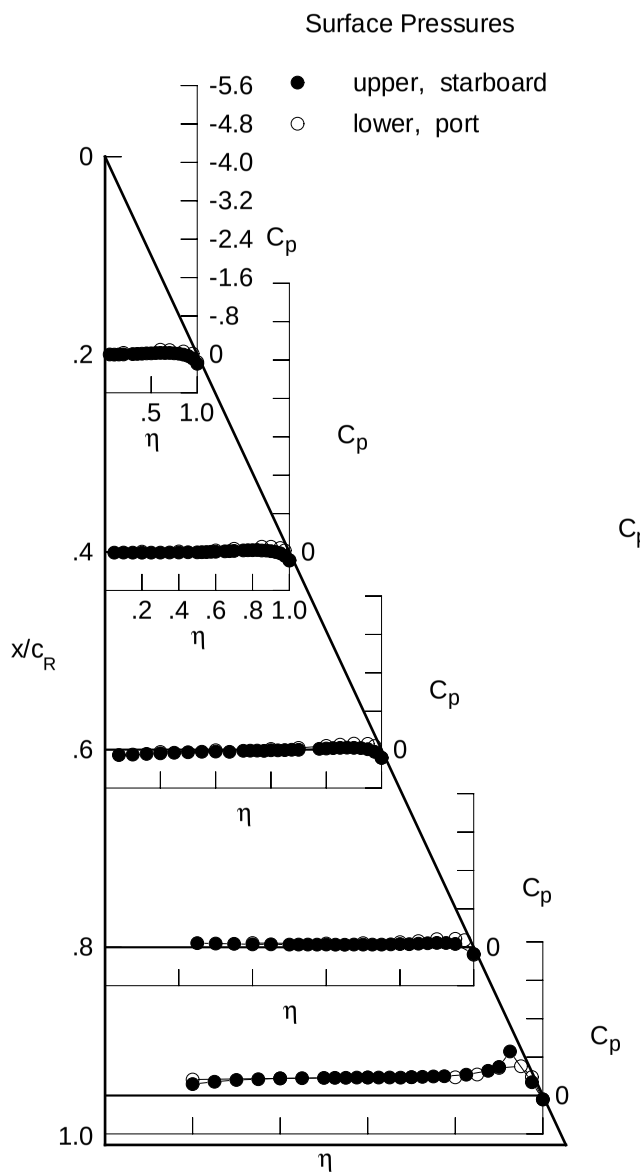
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2157	*******
0.20	0.1968	0.1640
0.30	0.1900	*******
0.40	0.1864	0.1722
0.50	0.2012	*******
0.60	0.1797	0.1842
0.70	0.1660	*******
0.80	0.1524	0.1758
0.90	*******	*******
0.95	0.0912	0.0860

Table E2. 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	0.0012	0.0124	0.1125	*******	*******
0.100	0.0046	0.0114	0.1031	*******	*******
0.150	0.0022	0.0132	0.0887	*******	*******
0.200	0.0010	0.0137	0.0766	*******	-0.2373
0.250	*******	0.0125	0.0644	-0.0865	-0.2866
0.300	-0.0065	0.0118	0.0547	-0.0776	-0.3237
0.350	-0.0104	0.0097	0.0442	-0.0721	-0.3391
0.400	-0.0143	0.0093	0.0399	-0.0606	-0.3564
0.450	-0.0208	0.0044	0.0457	-0.0616	-0.3605
0.500	-0.0214	0.0065	0.0237	-0.0559	-0.3662
0.525	*******	0.0030	0.0218	-0.0567	-0.3682
0.550	-0.0284	0.0011	0.0197	-0.0571	-0.3691
0.575	*******	-0.0050	0.0256	-0.0553	-0.3736
0.600	-0.0308	-0.0068	0.0125	-0.0572	-0.3758
0.625	*******	*******	0.0148	-0.0545	-0.3746
0.650	-0.0290	-0.0147	0.0096	-0.0530	-0.3754
0.675	*******	-0.0186	0.0026	-0.0566	-0.3716
0.700	-0.0301	-0.0229	0.0028	-0.0560	-0.3809
0.725	*******	*******	*******	-0.0562	-0.3889
0.750	-0.0224	-0.0334	*******	-0.0561	-0.3965
0.775	*******	-0.0375	-0.0165	-0.0611	-0.4020
0.800	-0.0146	-0.0384	-0.0234	-0.0671	*******
0.825	*******	-0.0421	-0.0322	-0.0645	-0.4338
0.850	0.0045	-0.0317	-0.0378	-0.0749	*******
0.875	*******	-0.0304	-0.0419	-0.0839	-0.5147
0.900	0.0318	-0.0173	-0.0375	-0.0912	-0.5951
0.925	*******	-0.0011	-0.0328	-0.0899	-0.9173
0.950	0.0845	0.0254	-0.0091	-0.0693	*******
0.975	*******	0.0797	0.0453	*******	-0.2768
1.000	0.1949	0.1780	0.1731	0.1397	0.0833
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0315	-0.0079	0.0492	*******	-0.3331
-0.400	*******	-0.0124	0.0128	-0.0878	-0.3570
-0.600	-0.0966	-0.0329	-0.0136	-0.0788	-0.3755
-0.700	-0.0886	-0.0671	-0.0363	-0.0859	-0.3827
-0.800	*******	*******	-0.0774	-0.1065	-0.3796
-0.850	-0.0598	-0.1100	-0.1028	-0.1292	-0.4376
-0.900	*******	-0.1095	-0.1245	-0.1685	-0.5742
-0.950	-0.0153	-0.0828	-0.1199	-0.1759	-0.6096
-0.975	*******	-0.0334	-0.0747	-0.1479	-0.3851
-1.000	0.1595	0.1681	0.1682	0.1550	0.0780



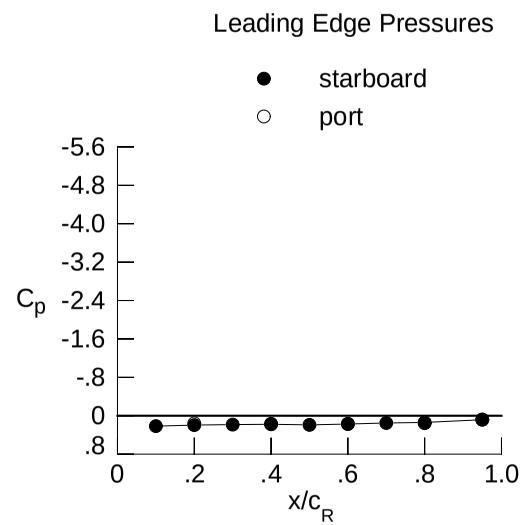
Large Radius L.E.

Run No. = 76 , Point No. = 1597

C_N = -0.037, C_m = 0.0056

α = -0.9 °, M_∞ = 0.602

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

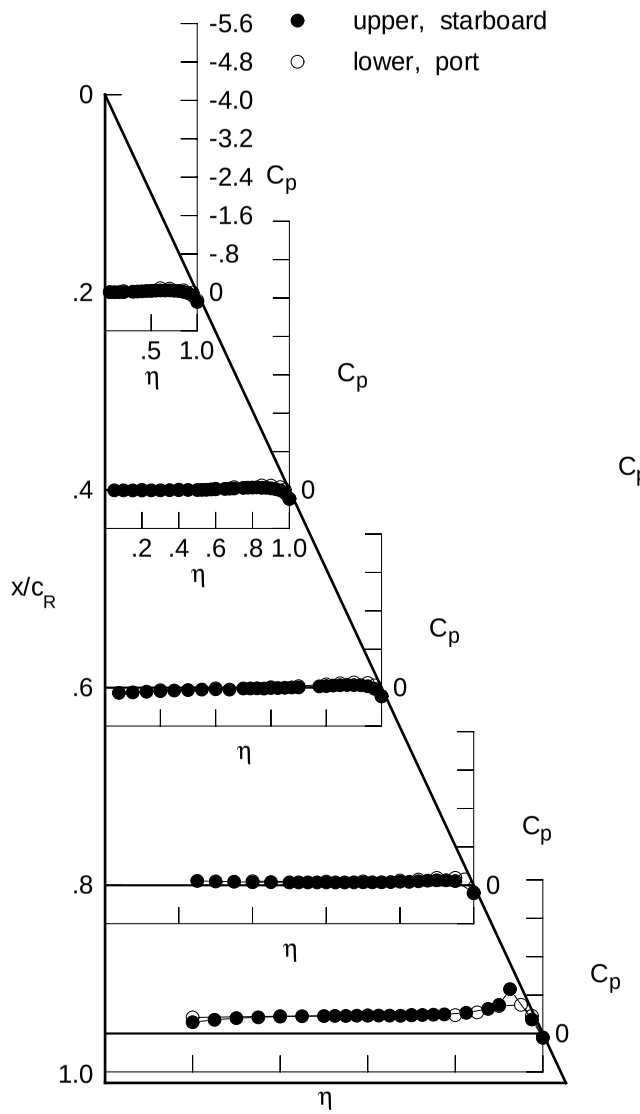


x/c_R	starb'd C_p	port C_p
0.10	0.2169	*******
0.20	0.1949	0.1595
0.30	0.1845	*******
0.40	0.1780	0.1681
0.50	0.1905	*******
0.60	0.1731	0.1682
0.70	0.1511	*******
0.80	0.1397	0.1550
0.90	*******	*******
0.95	0.0833	0.0780

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	-0.0055	0.0061	0.1092	*******	*******
0.100	-0.0030	0.0062	0.0986	*******	*******
0.150	-0.0043	0.0079	0.0851	*******	*******
0.200	-0.0057	0.0083	0.0722	*******	-0.2353
0.250	*******	0.0065	0.0598	-0.0912	-0.2853
0.300	-0.0135	0.0055	0.0504	-0.0803	-0.3204
0.350	-0.0183	0.0036	0.0398	-0.0742	-0.3372
0.400	-0.0219	0.0027	0.0340	-0.0636	-0.3531
0.450	-0.0293	-0.0023	0.0408	-0.0656	-0.3597
0.500	-0.0302	-0.0009	0.0175	-0.0597	-0.3635
0.525	*******	-0.0037	0.0166	-0.0603	-0.3669
0.550	-0.0375	-0.0060	0.0135	-0.0603	-0.3661
0.575	*******	-0.0127	0.0196	-0.0598	-0.3714
0.600	-0.0409	-0.0159	0.0063	-0.0609	-0.3730
0.625	*******	*******	0.0091	-0.0591	-0.3732
0.650	-0.0400	-0.0232	0.0027	-0.0594	-0.3732
0.675	*******	-0.0285	-0.0044	-0.0617	-0.3697
0.700	-0.0425	-0.0319	-0.0050	-0.0614	-0.3775
0.725	*******	*******	*******	-0.0614	-0.3860
0.750	-0.0354	-0.0444	*******	-0.0625	-0.3924
0.775	*******	-0.0492	-0.0263	-0.0674	-0.3984
0.800	-0.0287	-0.0520	-0.0320	-0.0751	*******
0.825	*******	-0.0554	-0.0435	-0.0719	-0.4315
0.850	-0.0108	-0.0467	-0.0497	-0.0830	*******
0.875	*******	-0.0470	-0.0552	-0.0957	-0.5126
0.900	0.0151	-0.0352	-0.0525	-0.1039	-0.5953
0.925	*******	-0.0199	-0.0495	-0.1044	-0.9237
0.950	0.0671	0.0063	-0.0289	-0.0881	*******
0.975	*******	0.0581	0.0240	*******	-0.2917
1.000	0.2000	0.1858	0.1816	0.1506	0.0898
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0256	-0.0040	0.0532	*******	-0.3341
-0.400	*******	-0.0069	0.0153	-0.0845	-0.3599
-0.600	-0.0870	-0.0267	-0.0078	-0.0765	-0.3772
-0.700	-0.0777	-0.0584	-0.0307	-0.0810	-0.3856
-0.800	*******	*******	-0.0678	-0.0998	-0.3835
-0.850	-0.0432	-0.0951	-0.0905	-0.1195	-0.4403
-0.900	*******	-0.0911	-0.1068	-0.1540	-0.5735
-0.950	0.0048	-0.0598	-0.0967	-0.1542	-0.5976
-0.975	*******	-0.0073	-0.0470	-0.1214	-0.3684
-1.000	0.1666	0.1773	0.1782	0.1671	0.0819

Surface Pressures



Large Radius L.E.

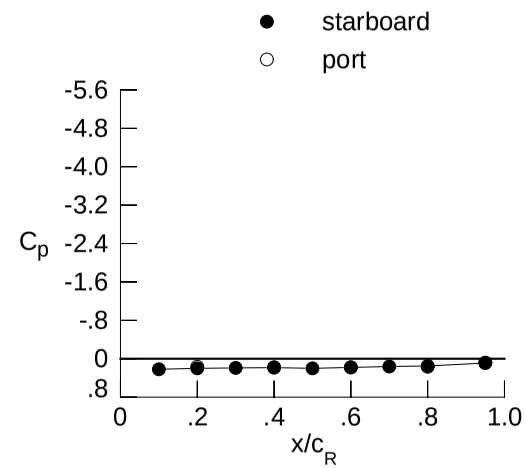
Run No. = 76 , Point No. = 1598

C_N = -0.025, C_m = 0.0045

α = -0.5 °, M_∞ = 0.601

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

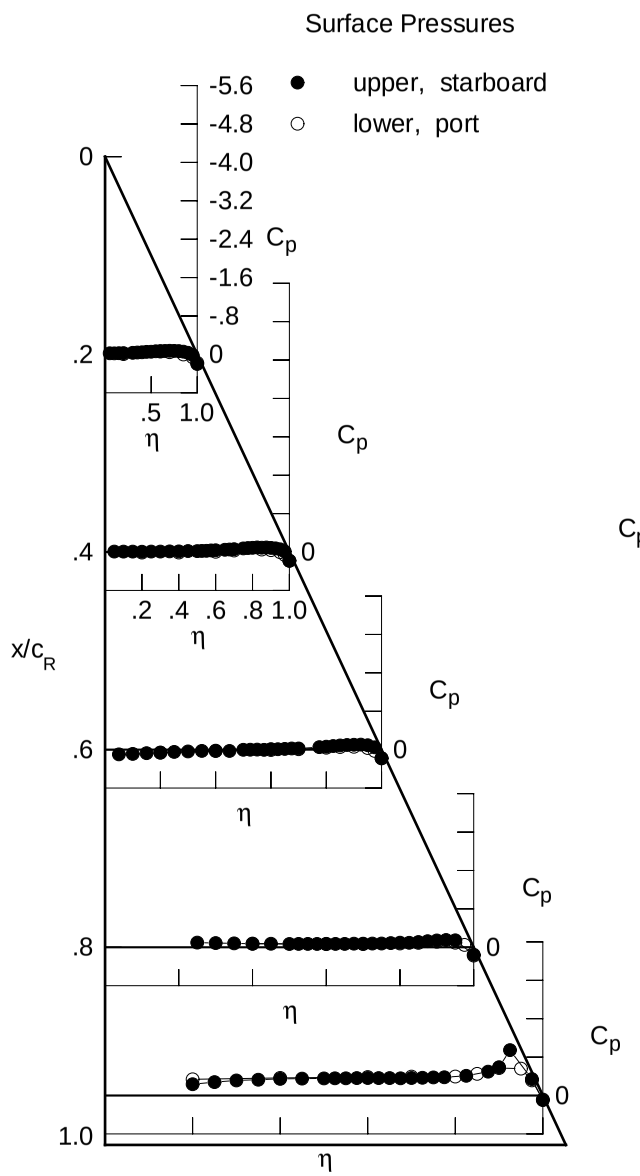
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2198	*******
0.20	0.2000	0.1666
0.30	0.1914	*******
0.40	0.1858	0.1773
0.50	0.2000	*******
0.60	0.1816	0.1782
0.70	0.1620	*******
0.80	0.1506	0.1671
0.90	*******	*******
0.95	0.0898	0.0819

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	-0.0230	-0.0092	0.0982	*******	*******
0.100	-0.0213	-0.0086	0.0889	*******	*******
0.150	-0.0247	-0.0084	0.0733	*******	*******
0.200	-0.0267	-0.0065	0.0608	*******	-0.2348
0.250	*******	-0.0095	0.0469	-0.0973	-0.2789
0.300	-0.0325	-0.0099	0.0379	-0.0884	-0.3140
0.350	-0.0388	-0.0133	0.0264	-0.0817	-0.3289
0.400	-0.0437	-0.0137	0.0216	-0.0726	-0.3465
0.450	-0.0527	-0.0211	0.0273	-0.0735	-0.3516
0.500	-0.0552	-0.0189	0.0035	-0.0689	-0.3558
0.525	*******	-0.0230	0.0012	-0.0703	-0.3580
0.550	-0.0645	-0.0254	-0.0010	-0.0703	-0.3582
0.575	*******	-0.0334	0.0036	-0.0695	-0.3630
0.600	-0.0690	-0.0368	-0.0102	-0.0723	-0.3649
0.625	*******	*******	-0.0089	-0.0705	-0.3636
0.650	-0.0711	-0.0471	-0.0154	-0.0705	-0.3634
0.675	*******	-0.0530	-0.0236	-0.0751	-0.3585
0.700	-0.0756	-0.0594	-0.0242	-0.0749	-0.3649
0.725	*******	*******	*******	-0.0776	-0.3693
0.750	-0.0727	-0.0756	*******	-0.0788	-0.3771
0.775	*******	-0.0833	-0.0522	-0.0870	-0.3798
0.800	-0.0687	-0.0883	-0.0612	-0.0961	*******
0.825	*******	-0.0957	-0.0755	-0.0938	-0.4108
0.850	-0.0564	-0.0902	-0.0869	-0.1094	*******
0.875	*******	-0.0948	-0.0970	-0.1269	-0.4967
0.900	-0.0340	-0.0865	-0.1015	-0.1426	-0.5893
0.925	*******	-0.0765	-0.1046	-0.1522	-0.9452
0.950	0.0136	-0.0569	-0.0924	-0.1459	*******
0.975	*******	-0.0105	-0.0486	*******	-0.3425
1.000	0.1998	0.1835	0.1765	0.1546	0.0951
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0066	0.0109	0.0642	*******	-0.3376
-0.400	*******	0.0102	0.0284	-0.0767	-0.3663
-0.600	-0.0585	-0.0054	0.0082	-0.0652	-0.3844
-0.700	-0.0452	-0.0316	-0.0091	-0.0673	-0.3938
-0.800	*******	*******	-0.0396	-0.0789	-0.3950
-0.850	0.0017	-0.0519	-0.0545	-0.0923	-0.4513
-0.900	*******	-0.0396	-0.0601	-0.1150	-0.5720
-0.950	0.0586	0.0036	-0.0335	-0.0950	-0.5598
-0.975	*******	0.0610	0.0265	-0.0494	-0.3153
-1.000	0.1742	0.1793	0.1825	0.1732	0.0839



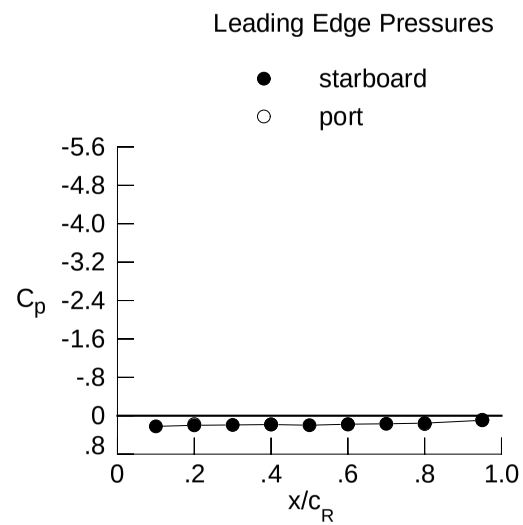
Large Radius L.E.

Run No. = 76 , Point No. = 1599

C_N = 0.010, C_m = 0.0001

α = 0.5 °, M_∞ = 0.600

R_{mac} = 59.9×10^6

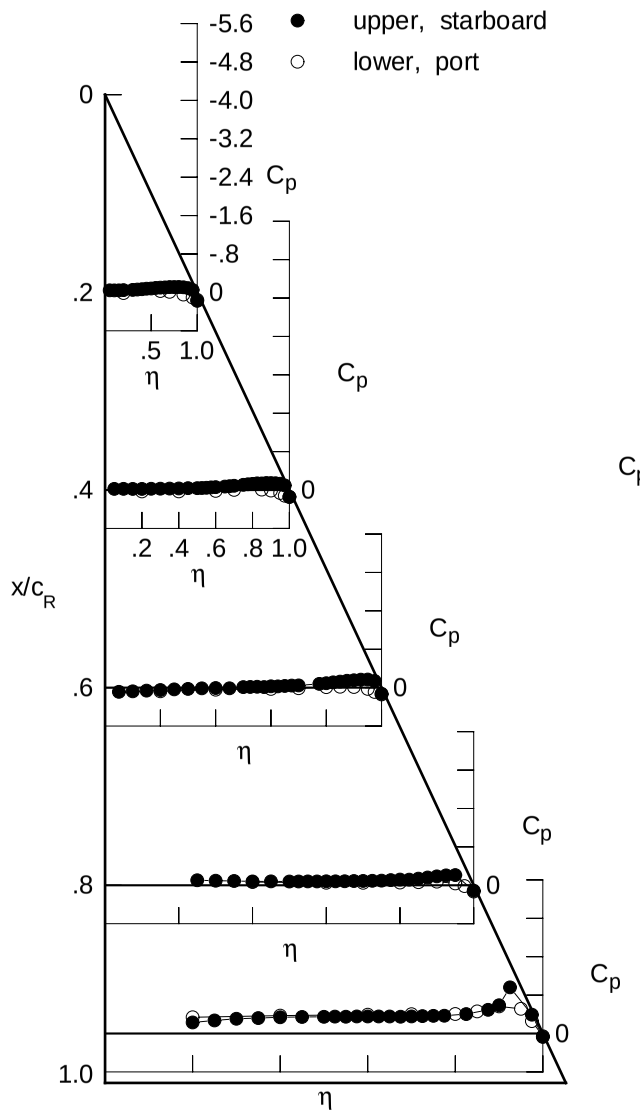


x/c_R	starb'd C_p	port C_p
0.10	0.2217	*******
0.20	0.1998	0.1742
0.30	0.1919	*******
0.40	0.1835	0.1793
0.50	0.1979	*******
0.60	0.1765	0.1825
0.70	0.1679	*******
0.80	0.1546	0.1732
0.90	*******	*******
0.95	0.0951	0.0839

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	-0.0431	-0.0238	0.0872	*******	*******
0.100	-0.0419	-0.0246	0.0766	*******	*******
0.150	-0.0427	-0.0235	0.0624	*******	*******
0.200	-0.0471	-0.0236	0.0499	*******	-0.2301
0.250	*******	-0.0266	0.0357	-0.1051	-0.2721
0.300	-0.0519	-0.0280	0.0262	-0.0952	-0.3070
0.350	-0.0595	-0.0307	0.0142	-0.0899	-0.3219
0.400	-0.0664	-0.0326	0.0083	-0.0804	-0.3387
0.450	-0.0768	-0.0391	0.0140	-0.0815	-0.3450
0.500	-0.0810	-0.0393	-0.0114	-0.0787	-0.3479
0.525	*******	-0.0420	-0.0147	-0.0793	-0.3516
0.550	-0.0925	-0.0474	-0.0183	-0.0809	-0.3500
0.575	*******	-0.0554	-0.0121	-0.0803	-0.3555
0.600	-0.0993	-0.0600	-0.0278	-0.0830	-0.3555
0.625	*******	*******	-0.0264	-0.0827	-0.3554
0.650	-0.1039	-0.0721	-0.0350	-0.0839	-0.3544
0.675	*******	-0.0797	-0.0433	-0.0887	-0.3499
0.700	-0.1114	-0.0885	-0.0467	-0.0905	-0.3562
0.725	*******	*******	*******	-0.0938	-0.3621
0.750	-0.1110	-0.1090	*******	-0.0970	-0.3683
0.775	*******	-0.1199	-0.0787	-0.1080	-0.3708
0.800	-0.1129	-0.1280	-0.0919	-0.1195	*******
0.825	*******	-0.1390	-0.1101	-0.1177	-0.4045
0.850	-0.1065	-0.1378	-0.1252	-0.1380	*******
0.875	*******	-0.1465	-0.1430	-0.1626	-0.4933
0.900	-0.0887	-0.1446	-0.1532	-0.1859	-0.5891
0.925	*******	-0.1415	-0.1667	-0.2060	-0.9619
0.950	-0.0504	-0.1314	-0.1686	-0.2127	*******
0.975	*******	-0.0961	-0.1395	*******	-0.3920
1.000	0.1758	0.1404	0.1271	0.1119	0.0714
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.0135	0.0284	0.0763	*******	-0.3384
-0.400	*******	0.0284	0.0427	-0.0676	-0.3728
-0.600	-0.0289	0.0175	0.0263	-0.0531	-0.3921
-0.700	-0.0117	-0.0036	0.0120	-0.0522	-0.4022
-0.800	*******	*******	-0.0103	-0.0573	-0.4066
-0.850	0.0447	-0.0092	-0.0188	-0.0645	-0.4605
-0.900	*******	0.0104	-0.0136	-0.0760	-0.5647
-0.950	0.1061	0.0617	0.0252	-0.0395	-0.5142
-0.975	*******	0.1184	0.0895	0.0161	-0.2586
-1.000	0.1553	0.1457	0.1416	0.1307	0.0565

Surface Pressures



Large Radius L.E.

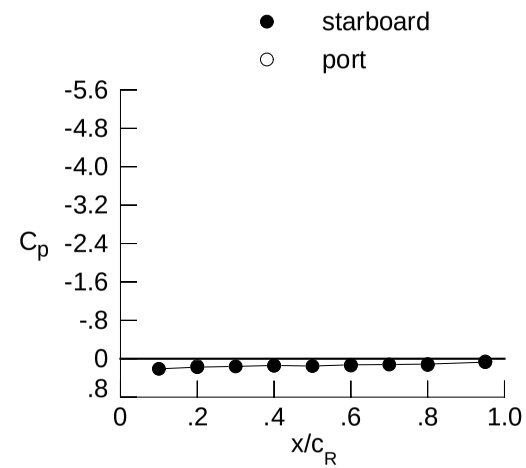
Run No. = 76 , Point No. = 1600

C_N = 0.046, C_m = -0.0042

α = 1.6 °, M_∞ = 0.600

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

Leading Edge Pressures

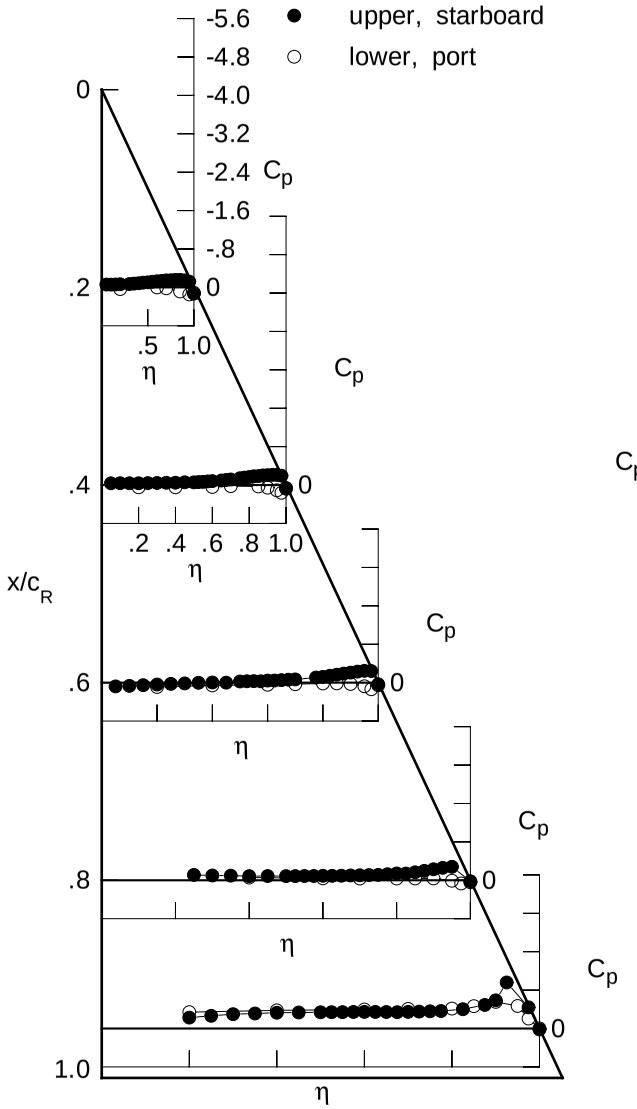


x/c_R	starb'd Cp	port Cp
0.10	0.2107	*******
0.20	0.1758	0.1553
0.30	0.1596	*******
0.40	0.1404	0.1457
0.50	0.1522	*******
0.60	0.1271	0.1416
0.70	0.1209	*******
0.80	0.1119	0.1307
0.90	*******	*******
0.95	0.0714	0.0565

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	-0.0594	-0.0368	0.0781	*******	*******
0.100	-0.0579	-0.0386	0.0670	*******	*******
0.150	-0.0604	-0.0374	0.0526	*******	*******
0.200	-0.0659	-0.0369	0.0394	*******	-0.2273
0.250	*******	-0.0404	0.0257	-0.1110	-0.2649
0.300	-0.0697	-0.0428	0.0156	-0.0999	-0.2986
0.350	-0.0793	-0.0469	0.0035	-0.0966	-0.3126
0.400	-0.0867	-0.0480	-0.0032	-0.0863	-0.3287
0.450	-0.0988	-0.0570	0.0001	-0.0890	-0.3338
0.500	-0.1054	-0.0564	-0.0241	-0.0865	-0.3386
0.525	*******	-0.0616	-0.0292	-0.0873	-0.3403
0.550	-0.1178	-0.0665	-0.0313	-0.0896	-0.3405
0.575	*******	-0.0759	-0.0285	-0.0893	-0.3452
0.600	-0.1273	-0.0818	-0.0433	-0.0937	-0.3460
0.625	*******	*******	-0.0437	-0.0927	-0.3456
0.650	-0.1347	-0.0956	-0.0523	-0.0954	-0.3437
0.675	*******	-0.1057	-0.0614	-0.1012	-0.3397
0.700	-0.1462	-0.1158	-0.0670	-0.1041	-0.3461
0.725	*******	*******	*******	-0.1084	-0.3519
0.750	-0.1491	-0.1412	*******	-0.1134	-0.3582
0.775	*******	-0.1549	-0.1067	-0.1260	-0.3637
0.800	-0.1562	-0.1667	-0.1211	-0.1422	*******
0.825	*******	-0.1824	-0.1441	-0.1411	-0.4018
0.850	-0.1570	-0.1858	-0.1657	-0.1664	*******
0.875	*******	-0.2009	-0.1888	-0.1970	-0.4913
0.900	-0.1466	-0.2051	-0.2090	-0.2294	-0.5875
0.925	*******	-0.2122	-0.2298	-0.2604	-0.9593
0.950	-0.1203	-0.2112	-0.2465	-0.2819	*******
0.975	*******	-0.1944	-0.2417	*******	-0.4411
1.000	0.1303	0.0613	0.0335	0.0196	0.0199
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0352	0.0461	0.0905	*******	-0.3408
-0.400	*******	0.0474	0.0577	-0.0569	-0.3783
-0.600	0.0004	0.0397	0.0435	-0.0410	-0.3964
-0.700	0.0188	0.0225	0.0328	-0.0365	-0.4083
-0.800	*******	*******	0.0170	-0.0366	-0.4155
-0.850	0.0836	0.0298	0.0149	-0.0382	-0.4653
-0.900	*******	0.0541	0.0273	-0.0395	-0.5545
-0.950	0.1461	0.1104	0.0749	0.0087	-0.4693
-0.975	*******	0.1605	0.1373	0.0663	-0.2073
-1.000	0.1122	0.0769	0.0545	0.0419	-0.0024

Surface Pressures



Large Radius L.E.

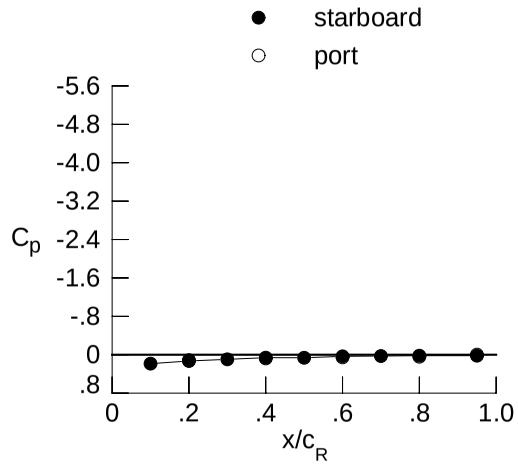
Run No. = 76 , Point No. = 1601

C_N = 0.082, C_m = -0.0076

α = 2.7 °, M_∞ = 0.600

R_{mac} = 60.1×10^6

Leading Edge Pressures

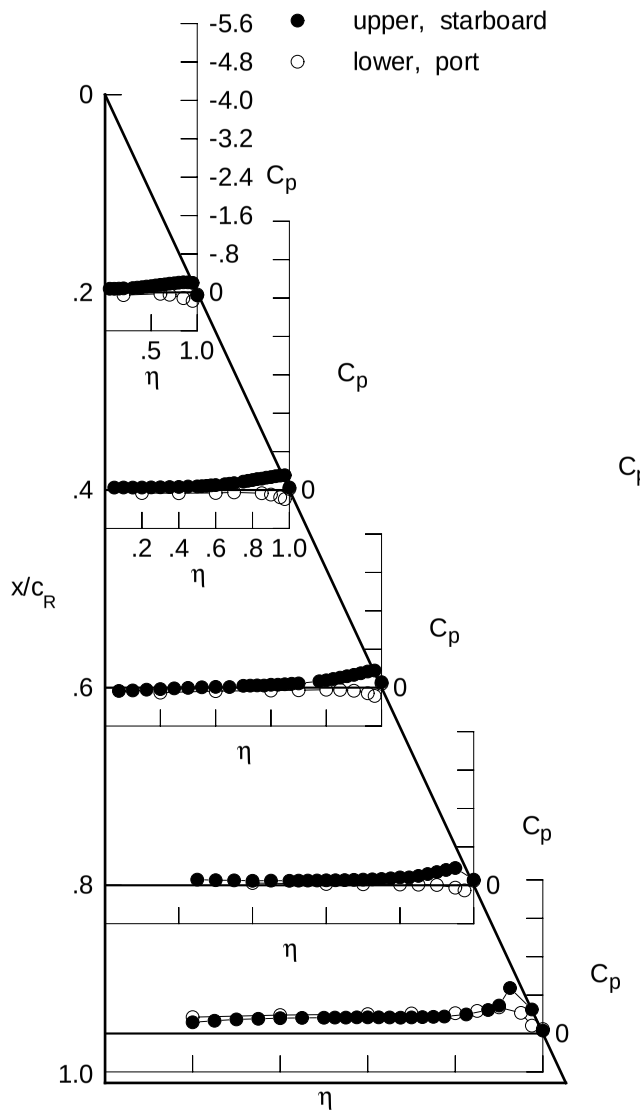


x/c_R	starb'd C_p	port C_p
0.10	0.1856	*******
0.20	0.1303	0.1122
0.30	0.0962	*******
0.40	0.0613	0.0769
0.50	0.0629	*******
0.60	0.0335	0.0545
0.70	0.0270	*******
0.80	0.0196	0.0419
0.90	*******	*******
0.95	0.0199	-0.0024

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	-0.0757	-0.0510	0.0688	*******	*******
0.100	-0.0753	-0.0529	0.0587	*******	*******
0.150	-0.0786	-0.0513	0.0425	*******	*******
0.200	-0.0837	-0.0520	0.0305	*******	-0.2340
0.250	*******	-0.0550	0.0154	-0.1174	-0.2653
0.300	-0.0888	-0.0575	0.0049	-0.1062	-0.2936
0.350	-0.0990	-0.0622	-0.0073	-0.1026	-0.3061
0.400	-0.1081	-0.0651	-0.0158	-0.0934	-0.3195
0.450	-0.1214	-0.0738	-0.0125	-0.0965	-0.3255
0.500	-0.1292	-0.0763	-0.0384	-0.0940	-0.3286
0.525	*******	-0.0801	-0.0418	-0.0965	-0.3323
0.550	-0.1445	-0.0862	-0.0463	-0.0982	-0.3316
0.575	*******	-0.0979	-0.0435	-0.0997	-0.3366
0.600	-0.1569	-0.1028	-0.0599	-0.1037	-0.3371
0.625	*******	*******	-0.0605	-0.1044	-0.3365
0.650	-0.1675	-0.1207	-0.0707	-0.1084	-0.3346
0.675	*******	-0.1313	-0.0809	-0.1138	-0.3295
0.700	-0.1818	-0.1433	-0.0880	-0.1186	-0.3353
0.725	*******	*******	*******	-0.1237	-0.3415
0.750	-0.1897	-0.1744	*******	-0.1310	-0.3475
0.775	*******	-0.1917	-0.1330	-0.1446	-0.3535
0.800	-0.2024	-0.2082	-0.1527	-0.1638	*******
0.825	*******	-0.2282	-0.1798	-0.1646	-0.3964
0.850	-0.2108	-0.2364	-0.2077	-0.1954	*******
0.875	*******	-0.2578	-0.2375	-0.2346	-0.4900
0.900	-0.2095	-0.2698	-0.2664	-0.2755	-0.5821
0.925	*******	-0.2880	-0.3004	-0.3190	-0.9484
0.950	-0.1983	-0.3009	-0.3356	-0.3601	*******
0.975	*******	-0.3079	-0.3568	*******	-0.5007
1.000	0.0614	-0.0545	-0.1137	-0.1168	-0.0608
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0568	0.0629	0.1039	*******	-0.3409
-0.400	*******	0.0663	0.0726	-0.0470	-0.3840
-0.600	0.0292	0.0613	0.0610	-0.0270	-0.4036
-0.700	0.0485	0.0491	0.0543	-0.0216	-0.4172
-0.800	*******	*******	0.0431	-0.0158	-0.4230
-0.850	0.1203	0.0666	0.0469	-0.0129	-0.4708
-0.900	*******	0.0942	0.0649	-0.0066	-0.5446
-0.950	0.1777	0.1506	0.1171	0.0494	-0.4298
-0.975	*******	0.1889	0.1728	0.1061	-0.1639
-1.000	0.0439	-0.0235	-0.0812	-0.0947	-0.0926

Surface Pressures



Large Radius L.E.

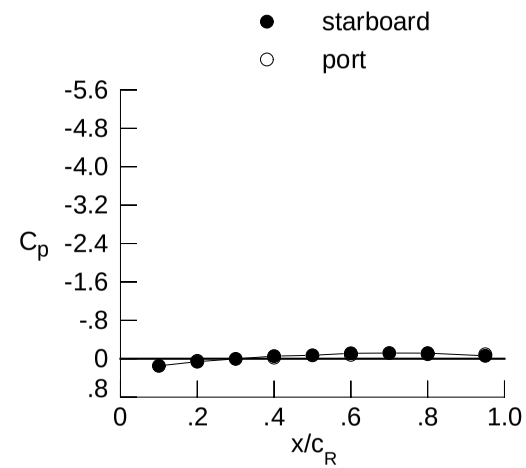
Run No. = 76 , Point No. = 1602

C_N = 0.122, C_m = -0.0150

α = 3.7 °, M_∞ = 0.600

R_{mac} = 59.9×10^6

Leading Edge Pressures

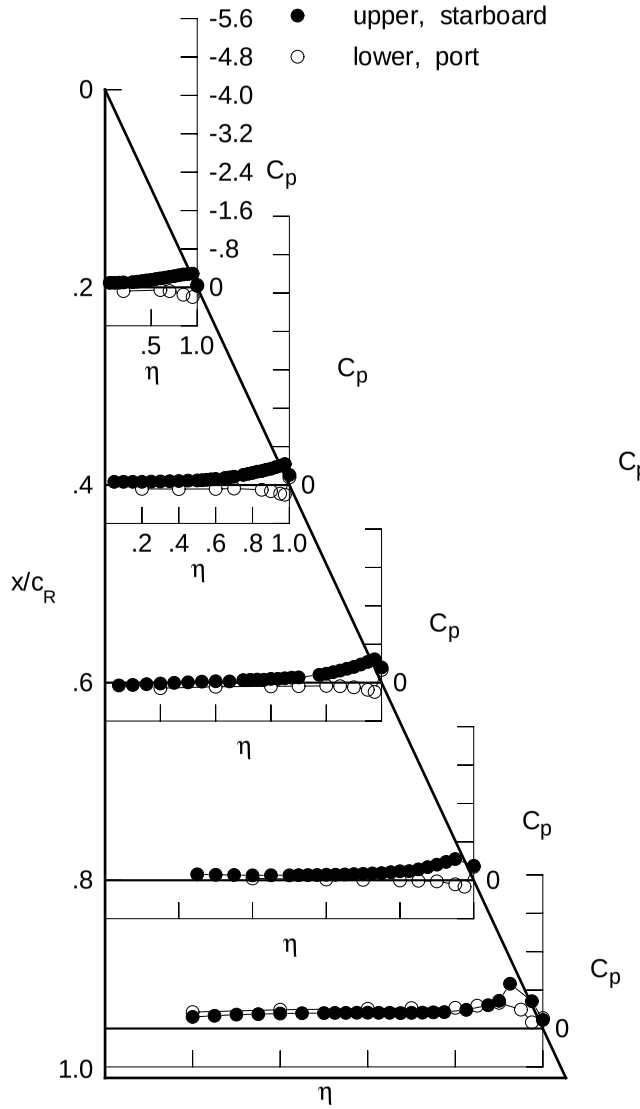


x/c_R	starb'd C_p	port C_p
0.10	0.1477	*******
0.20	0.0614	0.0439
0.30	0.0033	*******
0.40	-0.0545	-0.0235
0.50	-0.0714	*******
0.60	-0.1137	-0.0812
0.70	-0.1183	*******
0.80	-0.1168	-0.0947
0.90	*******	*******
0.95	-0.0608	-0.0926

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	-0.0942	-0.0660	0.0582	*******	*******
0.100	-0.0955	-0.0675	0.0479	*******	*******
0.150	-0.0978	-0.0675	0.0322	*******	*******
0.200	-0.1037	-0.0670	0.0184	*******	-0.2415
0.250	*******	-0.0716	0.0042	-0.1236	-0.2650
0.300	-0.1088	-0.0746	-0.0065	-0.1145	-0.2898
0.350	-0.1202	-0.0798	-0.0209	-0.1101	-0.2990
0.400	-0.1308	-0.0840	-0.0285	-0.1021	-0.3123
0.450	-0.1456	-0.0930	-0.0260	-0.1051	-0.3182
0.500	-0.1551	-0.0964	-0.0532	-0.1035	-0.3209
0.525	*******	-0.1008	-0.0581	-0.1071	-0.3259
0.550	-0.1733	-0.1087	-0.0632	-0.1084	-0.3253
0.575	*******	-0.1192	-0.0602	-0.1112	-0.3286
0.600	-0.1881	-0.1274	-0.0782	-0.1159	-0.3294
0.625	*******	*******	-0.0792	-0.1164	-0.3274
0.650	-0.2024	-0.1463	-0.0904	-0.1214	-0.3274
0.675	*******	-0.1587	-0.1030	-0.1287	-0.3211
0.700	-0.2202	-0.1738	-0.1095	-0.1340	-0.3265
0.725	*******	*******	*******	-0.1421	-0.3307
0.750	-0.2333	-0.2109	*******	-0.1484	-0.3370
0.775	*******	-0.2318	-0.1626	-0.1681	-0.3414
0.800	-0.2529	-0.2523	-0.1859	-0.1876	*******
0.825	*******	-0.2776	-0.2174	-0.1913	-0.3885
0.850	-0.2694	-0.2910	-0.2509	-0.2274	*******
0.875	*******	-0.3190	-0.2899	-0.2739	-0.4847
0.900	-0.2787	-0.3399	-0.3280	-0.3256	-0.5768
0.925	*******	-0.3714	-0.3774	-0.3826	-0.9327
0.950	-0.2860	-0.4019	-0.4323	-0.4436	*******
0.975	*******	-0.4367	-0.4863	*******	-0.5691
1.000	-0.0315	-0.2107	-0.3165	-0.3014	-0.1785
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0769	0.0800	0.1161	*******	-0.3425
-0.400	*******	0.0839	0.0857	-0.0385	-0.3909
-0.600	0.0562	0.0816	0.0773	-0.0157	-0.4115
-0.700	0.0767	0.0733	0.0731	-0.0086	-0.4256
-0.800	*******	*******	0.0673	0.0030	-0.4313
-0.850	0.1527	0.0986	0.0747	0.0097	-0.4750
-0.900	*******	0.1280	0.0968	0.0227	-0.5349
-0.950	0.2007	0.1797	0.1485	0.0839	-0.3935
-0.975	*******	0.2016	0.1933	0.1338	-0.1286
-1.000	-0.0513	-0.1585	-0.2643	-0.2811	-0.2187

Surface Pressures



Large Radius L.E.

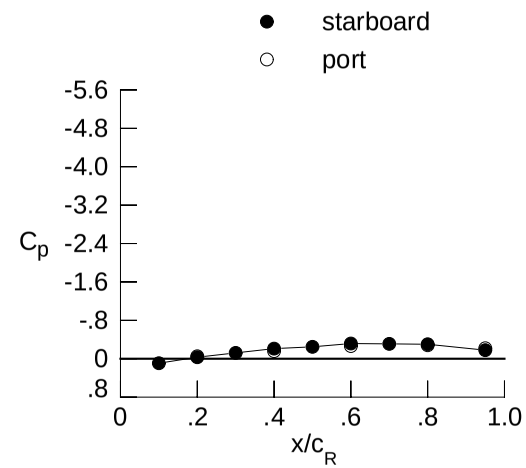
Run No. = 76 , Point No. = 1603

C_N = 0.157, C_m = -0.0188

α = 4.7 °, M_∞ = 0.600

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

Leading Edge Pressures

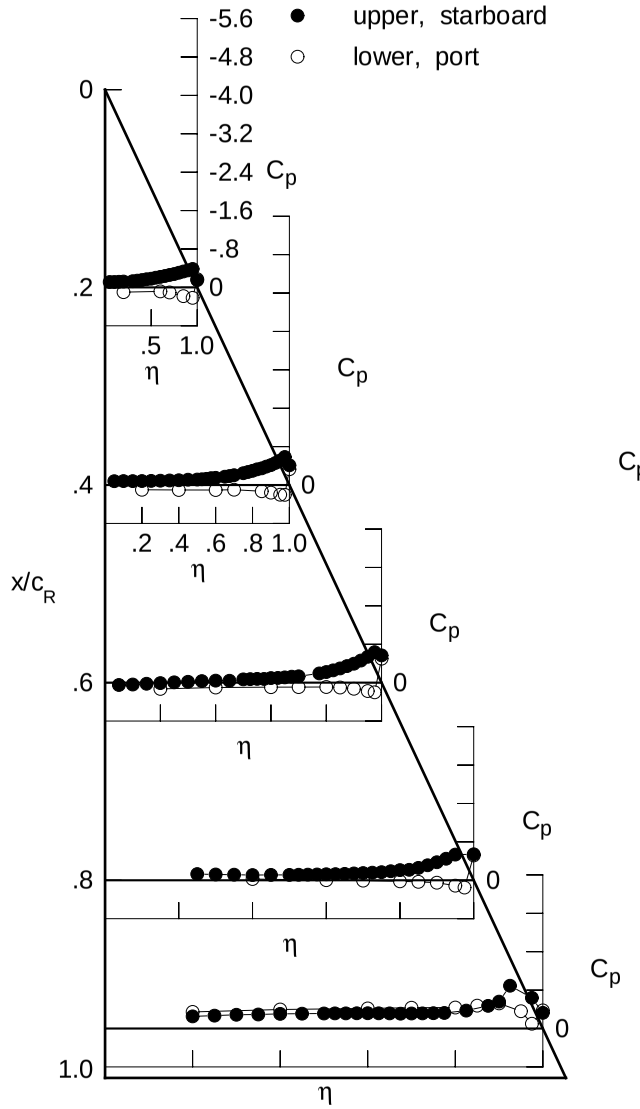


x/c_R	starb'd C_p	port C_p
0.10	0.0934	*******
0.20	-0.0315	-0.0513
0.30	-0.1216	*******
0.40	-0.2107	-0.1585
0.50	-0.2480	*******
0.60	-0.3165	-0.2643
0.70	-0.3096	*******
0.80	-0.3014	-0.2811
0.90	*******	*******
0.95	-0.1785	-0.2187

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	-0.1119	-0.0803	0.0492	*******	*******
0.100	-0.1120	-0.0820	0.0388	*******	*******
0.150	-0.1167	-0.0812	0.0231	*******	*******
0.200	-0.1216	-0.0831	0.0099	*******	-0.2527
0.250	*******	-0.0866	-0.0062	-0.1297	-0.2683
0.300	-0.1284	-0.0900	-0.0174	-0.1207	-0.2865
0.350	-0.1409	-0.0952	-0.0324	-0.1164	-0.2923
0.400	-0.1528	-0.1003	-0.0415	-0.1089	-0.3051
0.450	-0.1696	-0.1110	-0.0391	-0.1124	-0.3092
0.500	-0.1808	-0.1146	-0.0683	-0.1117	-0.3127
0.525	*******	-0.1200	-0.0725	-0.1153	-0.3150
0.550	-0.2012	-0.1289	-0.0780	-0.1179	-0.3152
0.575	*******	-0.1429	-0.0772	-0.1209	-0.3179
0.600	-0.2189	-0.1507	-0.0950	-0.1260	-0.3188
0.625	*******	*******	-0.0982	-0.1281	-0.3168
0.650	-0.2374	-0.1734	-0.1094	-0.1339	-0.3154
0.675	*******	-0.1875	-0.1239	-0.1428	-0.3091
0.700	-0.2596	-0.2044	-0.1324	-0.1501	-0.3124
0.725	*******	*******	*******	-0.1586	-0.3156
0.750	-0.2787	-0.2466	*******	-0.1686	-0.3191
0.775	*******	-0.2710	-0.1922	-0.1885	-0.3239
0.800	-0.3050	-0.2961	-0.2205	-0.2119	*******
0.825	*******	-0.3271	-0.2560	-0.2185	-0.3731
0.850	-0.3316	-0.3479	-0.2963	-0.2587	*******
0.875	*******	-0.3839	-0.3448	-0.3125	-0.4720
0.900	-0.3543	-0.4159	-0.3941	-0.3762	-0.5597
0.925	*******	-0.4611	-0.4603	-0.4490	-0.8911
0.950	-0.3842	-0.5107	-0.5388	-0.5349	*******
0.975	*******	-0.5843	-0.6354	*******	-0.6394
1.000	-0.1511	-0.4114	-0.5679	-0.5418	-0.3267
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0992	0.0983	0.1306	*******	-0.3453
-0.400	*******	0.1029	0.1016	-0.0262	-0.3958
-0.600	0.0834	0.1039	0.0941	-0.0025	-0.4184
-0.700	0.1057	0.0978	0.0930	0.0072	-0.4327
-0.800	*******	*******	0.0908	0.0215	-0.4371
-0.850	0.1822	0.1297	0.1015	0.0323	-0.4764
-0.900	*******	0.1586	0.1274	0.0504	-0.5234
-0.950	0.2176	0.2017	0.1755	0.1118	-0.3600
-0.975	*******	0.2038	0.2014	0.1513	-0.0996
-1.000	-0.1722	-0.3292	-0.4993	-0.5176	-0.3775

Surface Pressures



Large Radius L.E.

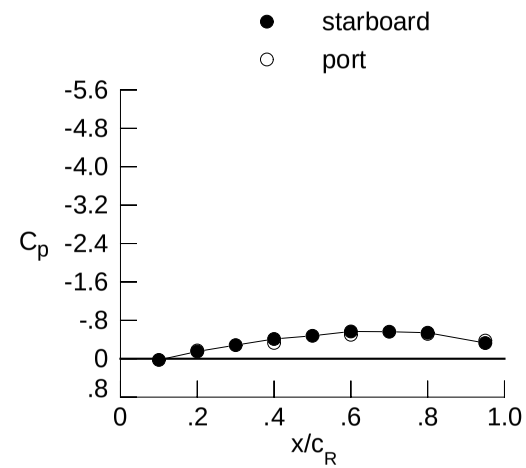
Run No. = 76 , Point No. = 1604

C_N = 0.195, C_m = -0.0239

α = 5.8 °, M_∞ = 0.600

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

Leading Edge Pressures

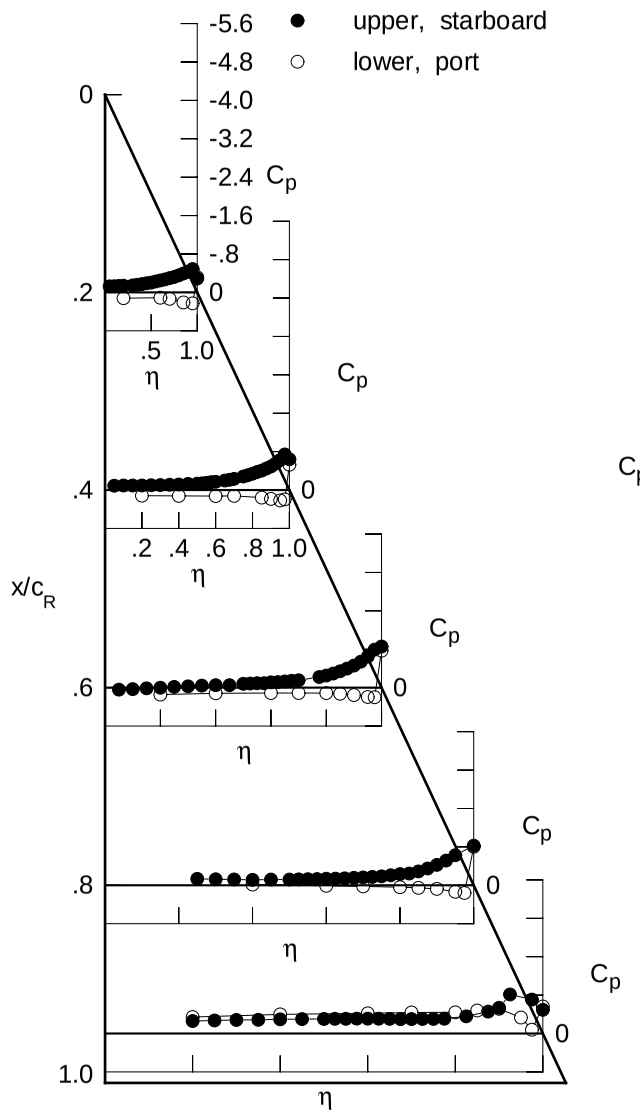


x/c_R	starb'd C_p	port C_p
0.10	0.0251	*******
0.20	-0.1511	-0.1722
0.30	-0.2831	*******
0.40	-0.4114	-0.3292
0.50	-0.4778	*******
0.60	-0.5679	-0.4993
0.70	-0.5626	*******
0.80	-0.5418	-0.5176
0.90	*******	*******
0.95	-0.3267	-0.3775

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	-0.1260	-0.0907	0.0414	*******	*******
0.100	-0.1277	-0.0944	0.0311	*******	*******
0.150	-0.1336	-0.0943	0.0145	*******	*******
0.200	-0.1388	-0.0949	0.0015	*******	-0.2602
0.250	*******	-0.1000	-0.0150	-0.1346	-0.2711
0.300	-0.1458	-0.1036	-0.0269	-0.1256	-0.2827
0.350	-0.1589	-0.1105	-0.0423	-0.1214	-0.2854
0.400	-0.1732	-0.1154	-0.0514	-0.1137	-0.2953
0.450	-0.1907	-0.1277	-0.0510	-0.1191	-0.2996
0.500	-0.2043	-0.1326	-0.0798	-0.1196	-0.3034
0.525	*******	-0.1392	-0.0856	-0.1236	-0.3064
0.550	-0.2271	-0.1487	-0.0922	-0.1268	-0.3063
0.575	*******	-0.1631	-0.0919	-0.1296	-0.3099
0.600	-0.2485	-0.1717	-0.1113	-0.1368	-0.3100
0.625	*******	*******	-0.1150	-0.1384	-0.3087
0.650	-0.2701	-0.1977	-0.1285	-0.1448	-0.3058
0.675	*******	-0.2134	-0.1434	-0.1556	-0.2992
0.700	-0.2967	-0.2328	-0.1538	-0.1634	-0.3010
0.725	*******	*******	*******	-0.1747	-0.3032
0.750	-0.3216	-0.2813	*******	-0.1864	-0.3039
0.775	*******	-0.3091	-0.2215	-0.2088	-0.3081
0.800	-0.3555	-0.3399	-0.2517	-0.2336	*******
0.825	*******	-0.3761	-0.2935	-0.2447	-0.3577
0.850	-0.3934	-0.4049	-0.3405	-0.2891	*******
0.875	*******	-0.4477	-0.3966	-0.3500	-0.4569
0.900	-0.4303	-0.4911	-0.4591	-0.4249	-0.5350
0.925	*******	-0.5523	-0.5409	-0.5144	-0.8136
0.950	-0.4864	-0.6238	-0.6463	-0.6264	*******
0.975	*******	-0.7420	-0.7918	*******	-0.7075
1.000	-0.2889	-0.6415	-0.8571	-0.8257	-0.4936
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1209	0.1178	0.1450	*******	-0.3431
-0.400	*******	0.1219	0.1177	-0.0154	-0.3982
-0.600	0.1109	0.1257	0.1128	0.0114	-0.4211
-0.700	0.1339	0.1219	0.1123	0.0229	-0.4383
-0.800	*******	*******	0.1137	0.0398	-0.4415
-0.850	0.2097	0.1578	0.1275	0.0533	-0.4788
-0.900	*******	0.1851	0.1542	0.0753	-0.5148
-0.950	0.2281	0.2164	0.1941	0.1351	-0.3331
-0.975	*******	0.1947	0.2002	0.1595	-0.0794
-1.000	-0.3151	-0.5271	-0.7698	-0.8028	-0.5624

Surface Pressures



Large Radius L.E.

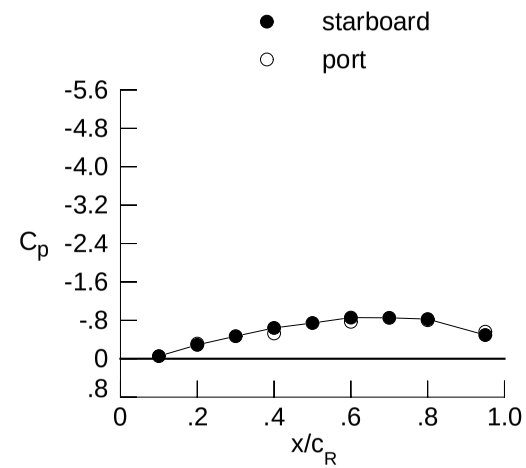
Run No. = 76 , Point No. = 1605

C_N = 0.231, C_m = -0.0287

α = 6.8 °, M_∞ = 0.600

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

Leading Edge Pressures

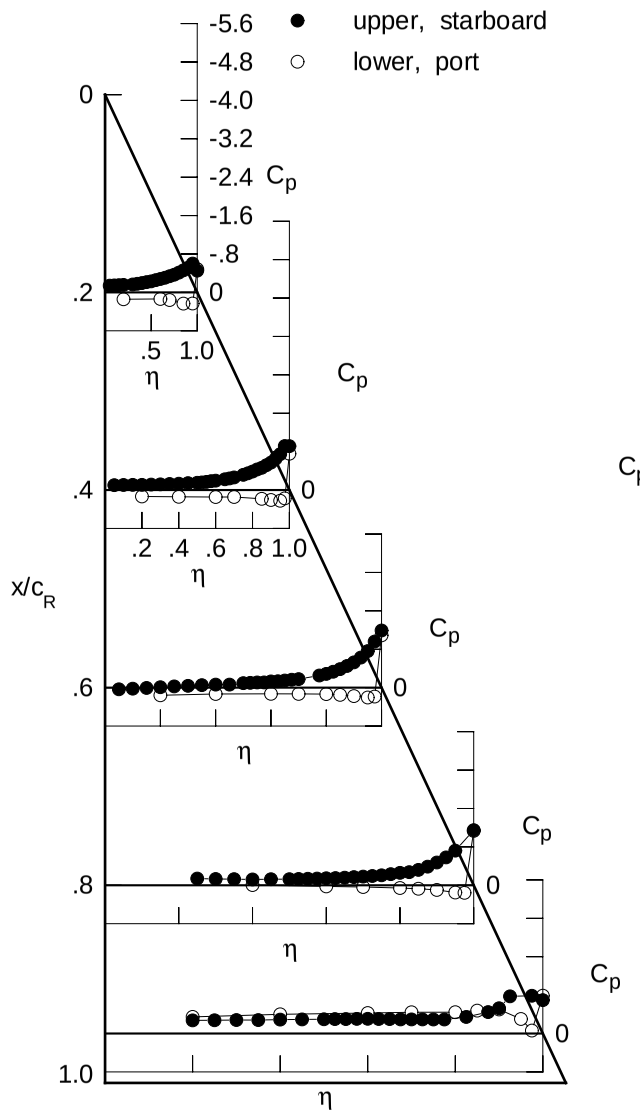


x/c_R	starb'd C_p	port C_p
0.10	-0.0541	*******
0.20	-0.2889	-0.3151
0.30	-0.4696	*******
0.40	-0.6415	-0.5271
0.50	-0.7441	*******
0.60	-0.8571	-0.7698
0.70	-0.8523	*******
0.80	-0.8257	-0.8028
0.90	*******	*******
0.95	-0.4936	-0.5624

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	-0.1408	-0.1018	0.0342	*******	*******
0.100	-0.1454	-0.1053	0.0219	*******	*******
0.150	-0.1506	-0.1077	0.0063	*******	*******
0.200	-0.1557	-0.1082	-0.0086	*******	-0.2738
0.250	*******	-0.1138	-0.0253	-0.1403	-0.2760
0.300	-0.1648	-0.1184	-0.0375	-0.1310	-0.2807
0.350	-0.1788	-0.1262	-0.0522	-0.1278	-0.2803
0.400	-0.1945	-0.1323	-0.0630	-0.1212	-0.2893
0.450	-0.2139	-0.1442	-0.0630	-0.1266	-0.2936
0.500	-0.2294	-0.1513	-0.0937	-0.1275	-0.2971
0.525	*******	-0.1584	-0.0999	-0.1320	-0.3011
0.550	-0.2552	-0.1698	-0.1076	-0.1358	-0.3010
0.575	*******	-0.1851	-0.1088	-0.1397	-0.3050
0.600	-0.2794	-0.1950	-0.1293	-0.1468	-0.3066
0.625	*******	*******	-0.1339	-0.1506	-0.3023
0.650	-0.3050	-0.2244	-0.1480	-0.1588	-0.3010
0.675	*******	-0.2417	-0.1651	-0.1703	-0.2935
0.700	-0.3368	-0.2623	-0.1772	-0.1809	-0.2937
0.725	*******	*******	*******	-0.1935	-0.2939
0.750	-0.3680	-0.3170	*******	-0.2083	-0.2922
0.775	*******	-0.3491	-0.2526	-0.2320	-0.2921
0.800	-0.4110	-0.3848	-0.2864	-0.2591	*******
0.825	*******	-0.4284	-0.3312	-0.2737	-0.3445
0.850	-0.4595	-0.4630	-0.3856	-0.3207	*******
0.875	*******	-0.5166	-0.4513	-0.3877	-0.4462
0.900	-0.5135	-0.5722	-0.5263	-0.4746	-0.5264
0.925	*******	-0.6510	-0.6265	-0.5809	-0.7743
0.950	-0.6005	-0.7469	-0.7617	-0.7212	*******
0.975	*******	-0.9166	-0.9599	*******	-0.7866
1.000	-0.4529	-0.9148	-1.1904	-1.1486	-0.6951
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.1431	0.1340	0.1593	*******	-0.3460
-0.400	*******	0.1410	0.1322	-0.0047	-0.3999
-0.600	0.1365	0.1459	0.1287	0.0232	-0.4267
-0.700	0.1596	0.1450	0.1302	0.0357	-0.4425
-0.800	*******	*******	0.1347	0.0570	-0.4438
-0.850	0.2334	0.1830	0.1501	0.0720	-0.4767
-0.900	*******	0.2071	0.1763	0.0966	-0.5009
-0.950	0.2308	0.2236	0.2055	0.1504	-0.3025
-0.975	*******	0.1737	0.1858	0.1570	-0.0614
-1.000	-0.4848	-0.7570	-1.0892	-1.1332	-0.7882

Surface Pressures



Large Radius L.E.

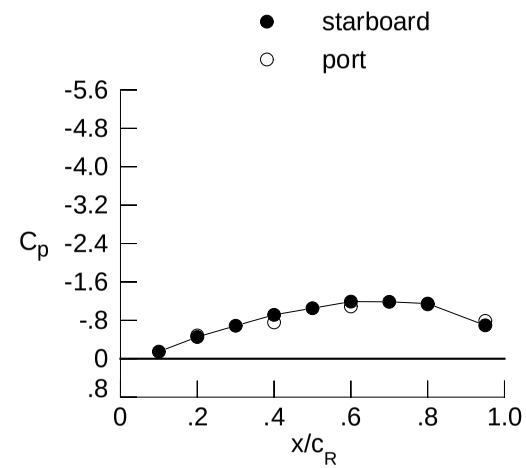
Run No. = 76 , Point No. = 1606

C_N = 0.269, C_m = -0.0338

α = 7.9 °, M_∞ = 0.600

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

Leading Edge Pressures

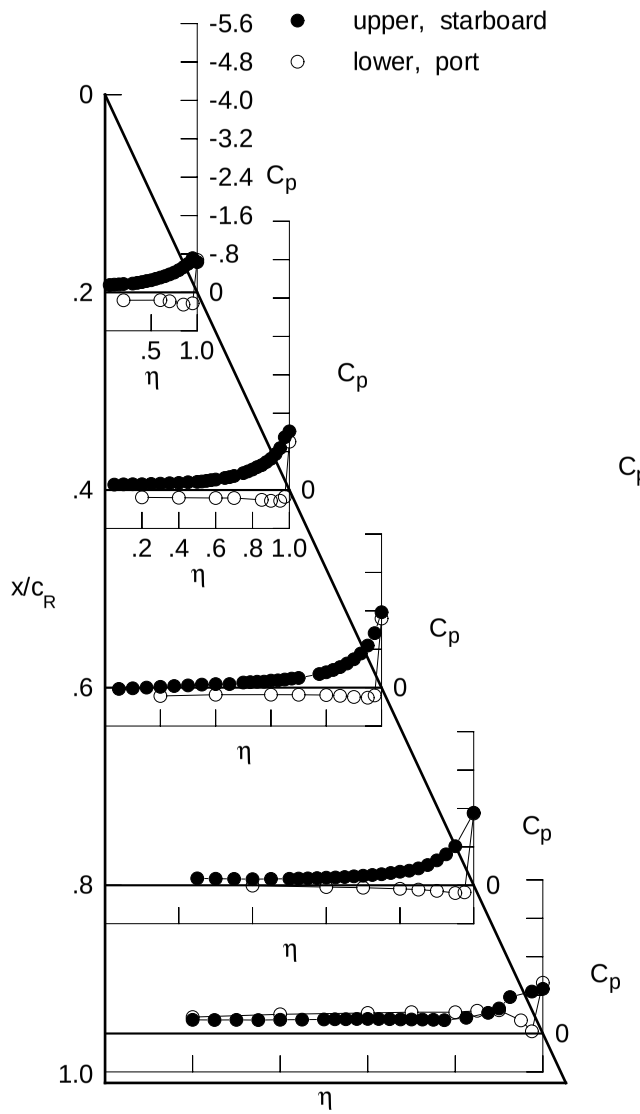


x/c_R	starb'd Cp	port Cp
0.10	-0.1477	*******
0.20	-0.4529	-0.4848
0.30	-0.6874	*******
0.40	-0.9148	-0.7570
0.50	-1.0519	*******
0.60	-1.1904	-1.0892
0.70	-1.1858	*******
0.80	-1.1486	-1.1332
0.90	*******	*******
0.95	-0.6951	-0.7882

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	-0.1539	-0.1129	0.0265	*******	*******
0.100	-0.1616	-0.1183	0.0135	*******	*******
0.150	-0.1673	-0.1210	-0.0010	*******	*******
0.200	-0.1744	-0.1206	-0.0168	*******	-0.2848
0.250	*******	-0.1271	-0.0338	-0.1444	-0.2816
0.300	-0.1829	-0.1331	-0.0465	-0.1363	-0.2837
0.350	-0.1986	-0.1413	-0.0628	-0.1331	-0.2799
0.400	-0.2147	-0.1479	-0.0733	-0.1270	-0.2862
0.450	-0.2358	-0.1624	-0.0747	-0.1328	-0.2891
0.500	-0.2530	-0.1699	-0.1064	-0.1351	-0.2926
0.525	*******	-0.1773	-0.1147	-0.1399	-0.2967
0.550	-0.2813	-0.1907	-0.1232	-0.1439	-0.2976
0.575	*******	-0.2057	-0.1249	-0.1494	-0.3024
0.600	-0.3089	-0.2182	-0.1464	-0.1584	-0.3037
0.625	*******	*******	-0.1520	-0.1625	-0.3024
0.650	-0.3383	-0.2509	-0.1684	-0.1721	-0.2994
0.675	*******	-0.2689	-0.1879	-0.1865	-0.2936
0.700	-0.3751	-0.2928	-0.2013	-0.1993	-0.2924
0.725	*******	*******	*******	-0.2144	-0.2905
0.750	-0.4125	-0.3517	*******	-0.2306	-0.2859
0.775	*******	-0.3876	-0.2835	-0.2561	-0.2778
0.800	-0.4636	-0.4280	-0.3197	-0.2821	*******
0.825	*******	-0.4773	-0.3677	-0.3042	-0.3269
0.850	-0.5240	-0.5187	-0.4276	-0.3518	*******
0.875	*******	-0.5825	-0.5023	-0.4220	-0.4304
0.900	-0.5955	-0.6515	-0.5911	-0.5188	-0.5215
0.925	*******	-0.7496	-0.7115	-0.6450	-0.7594
0.950	-0.7130	-0.8735	-0.8771	-0.8138	*******
0.975	*******	-1.0992	-1.1353	*******	-0.8735
1.000	-0.6306	-1.2224	-1.5709	-1.5113	-0.9307
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1638	0.1531	0.1734	*******	-0.3421
-0.400	*******	0.1597	0.1474	0.0076	-0.4002
-0.600	0.1620	0.1662	0.1460	0.0369	-0.4279
-0.700	0.1847	0.1664	0.1479	0.0506	-0.4443
-0.800	*******	*******	0.1543	0.0738	-0.4433
-0.850	0.2547	0.2048	0.1703	0.0903	-0.4737
-0.900	*******	0.2247	0.1941	0.1158	-0.4850
-0.950	0.2269	0.2236	0.2095	0.1615	-0.2733
-0.975	*******	0.1422	0.1618	0.1466	-0.0456
-1.000	-0.6769	-1.0068	-1.4399	-1.4952	-1.0579

Surface Pressures



Large Radius L.E.

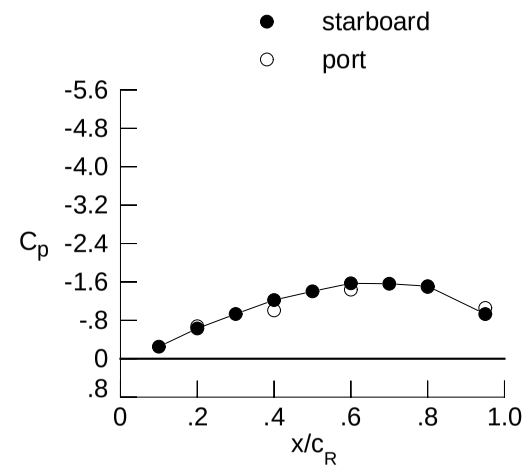
Run No. = 76 , Point No. = 1607

C_N = 0.306, C_m = -0.0388

α = 8.9 °, M_∞ = 0.600

R_{mac} = 60.0×10^6

Leading Edge Pressures

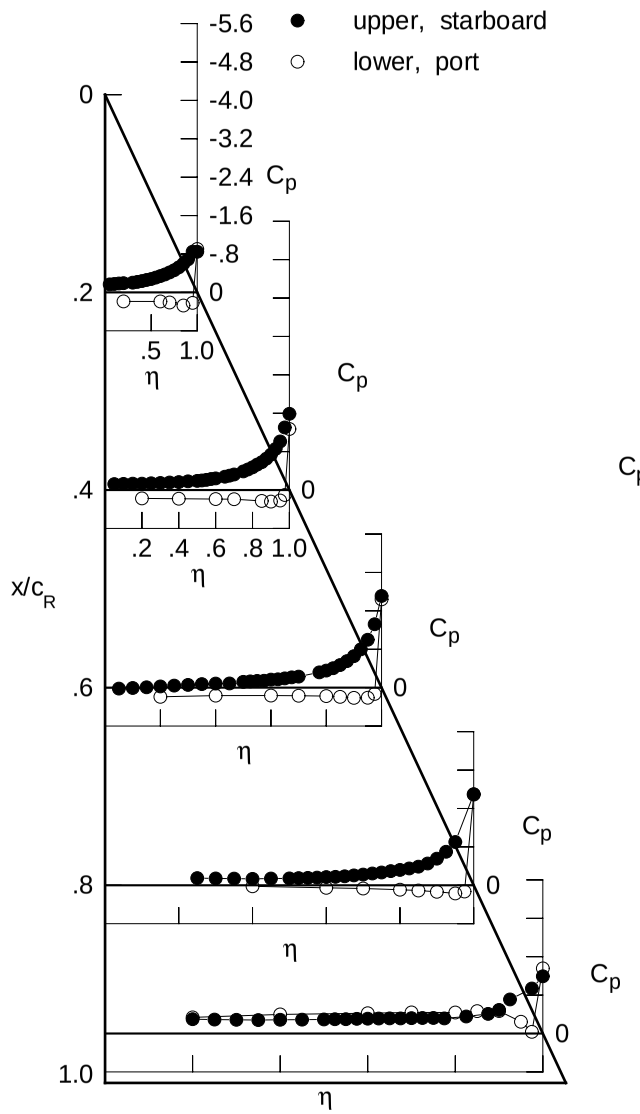


x/c_R	starb'd C_p	port C_p
0.10	-0.2515	*******
0.20	-0.6306	-0.6769
0.30	-0.9321	*******
0.40	-1.2224	-1.0068
0.50	-1.4043	*******
0.60	-1.5709	-1.4399
0.70	-1.5621	*******
0.80	-1.5113	-1.4952
0.90	*******	*******
0.95	-0.9307	-1.0579

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	-0.1670	-0.1241	0.0203	*******	*******
0.100	-0.1754	-0.1280	0.0070	*******	*******
0.150	-0.1856	-0.1330	-0.0074	*******	*******
0.200	-0.1923	-0.1325	-0.0245	*******	-0.2983
0.250	*******	-0.1408	-0.0427	-0.1498	-0.2902
0.300	-0.2024	-0.1470	-0.0566	-0.1420	-0.2854
0.350	-0.2183	-0.1566	-0.0737	-0.1390	-0.2803
0.400	-0.2363	-0.1652	-0.0847	-0.1336	-0.2861
0.450	-0.2585	-0.1812	-0.0872	-0.1410	-0.2884
0.500	-0.2787	-0.1906	-0.1211	-0.1435	-0.2926
0.525	*******	-0.1992	-0.1303	-0.1492	-0.2979
0.550	-0.3083	-0.2123	-0.1398	-0.1548	-0.2988
0.575	*******	-0.2294	-0.1430	-0.1604	-0.3054
0.600	-0.3400	-0.2425	-0.1670	-0.1709	-0.3090
0.625	*******	*******	-0.1738	-0.1757	-0.3118
0.650	-0.3738	-0.2777	-0.1924	-0.1876	-0.3152
0.675	*******	-0.2990	-0.2140	-0.2058	-0.3145
0.700	-0.4161	-0.3239	-0.2299	-0.2236	-0.3198
0.725	*******	*******	*******	-0.2453	-0.3228
0.750	-0.4613	-0.3879	*******	-0.2664	-0.3238
0.775	*******	-0.4278	-0.3185	-0.2952	-0.3141
0.800	-0.5215	-0.4732	-0.3553	-0.3202	*******
0.825	*******	-0.5294	-0.4051	-0.3505	-0.3543
0.850	-0.5961	-0.5799	-0.4705	-0.3880	*******
0.875	*******	-0.6540	-0.5532	-0.4535	-0.4087
0.900	-0.6882	-0.7378	-0.6563	-0.5547	-0.4910
0.925	*******	-0.8568	-0.7980	-0.6987	-0.7100
0.950	-0.8476	-1.0118	-0.9977	-0.9018	*******
0.975	*******	-1.3043	-1.3208	*******	-0.9377
1.000	-0.8466	-1.5882	-1.9092	-1.8987	-1.1922
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.1883	0.1744	0.1909	*******	-0.3361
-0.400	*******	0.1811	0.1660	0.0211	-0.3975
-0.600	0.1892	0.1883	0.1645	0.0527	-0.4227
-0.700	0.2107	0.1909	0.1685	0.0671	-0.4389
-0.800	*******	*******	0.1759	0.0924	-0.4376
-0.850	0.2738	0.2273	0.1918	0.1092	-0.4661
-0.900	*******	0.2411	0.2125	0.1355	-0.4682
-0.950	0.2184	0.2185	0.2105	0.1693	-0.2450
-0.975	*******	0.1030	0.1310	0.1293	-0.0351
-1.000	-0.9041	-1.2718	-1.8391	-1.8894	-1.3566

Surface Pressures



Large Radius L.E.

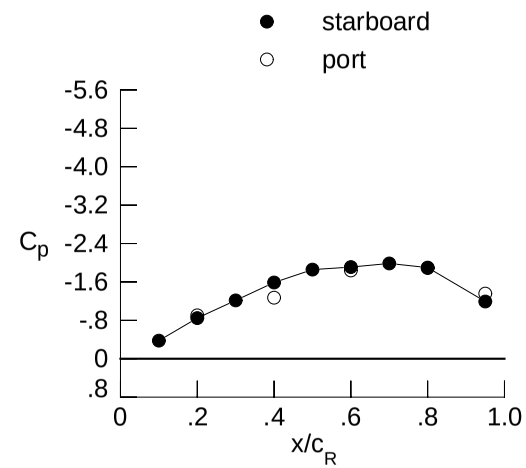
Run No. = 76 , Point No. = 1608

C_N = 0.347, C_m = -0.0461

α = 9.9 °, M_∞ = 0.600

R_{mac} = 59.9×10^6

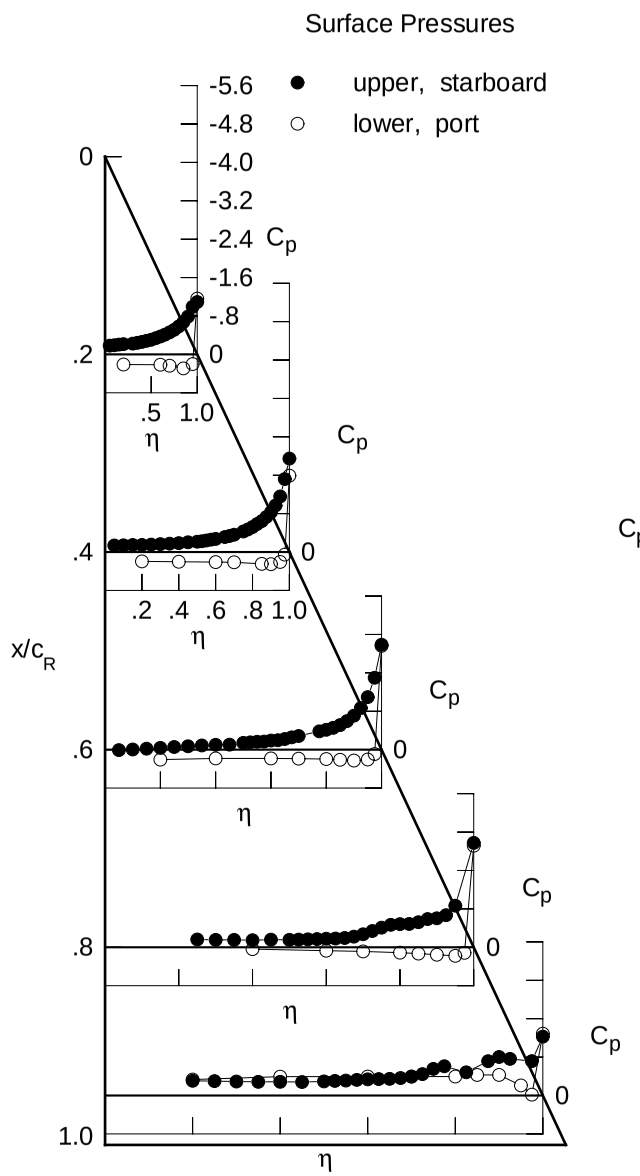
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
0.10	-0.3767	*******
0.20	-0.8466	-0.9041
0.30	-1.2154	*******
0.40	-1.5882	-1.2718
0.50	-1.8569	*******
0.60	-1.9092	-1.8391
0.70	-1.9849	*******
0.80	-1.8987	-1.8894
0.90	*******	*******
0.95	-1.1922	-1.3566

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	-0.1828	-0.1369	0.0099	*******	*******
0.100	-0.1901	-0.1397	-0.0031	*******	*******
0.150	-0.2040	-0.1469	-0.0199	*******	*******
0.200	-0.2133	-0.1480	-0.0371	*******	-0.3062
0.250	*******	-0.1554	-0.0548	-0.1626	-0.2998
0.300	-0.2243	-0.1647	-0.0703	-0.1543	-0.2912
0.350	-0.2407	-0.1747	-0.0873	-0.1541	-0.2844
0.400	-0.2601	-0.1854	-0.1008	-0.1474	-0.2859
0.450	-0.2836	-0.2029	-0.1043	-0.1594	-0.2807
0.500	-0.3051	-0.2150	-0.1406	-0.1555	-0.2935
0.525	*******	-0.2247	-0.1524	-0.1601	-0.3036
0.550	-0.3378	-0.2408	-0.1639	-0.1655	-0.3109
0.575	*******	-0.2586	-0.1681	-0.1715	-0.3257
0.600	-0.3729	-0.2740	-0.1897	-0.1780	-0.3365
0.625	*******	*******	-0.1961	-0.1826	-0.3424
0.650	-0.4112	-0.3129	-0.2218	-0.1937	-0.3468
0.675	*******	-0.3347	-0.2562	-0.2217	-0.3637
0.700	-0.4594	-0.3606	-0.2843	-0.2716	-0.3949
0.725	*******	*******	*******	-0.3389	-0.4459
0.750	-0.5120	-0.4277	*******	-0.4086	-0.5547
0.775	*******	-0.4703	-0.3816	-0.4677	-0.6092
0.800	-0.5836	-0.5209	-0.4139	-0.4825	*******
0.825	*******	-0.5838	-0.4548	-0.4868	-0.4832
0.850	-0.6732	-0.6439	-0.5113	-0.5223	*******
0.875	*******	-0.7294	-0.5942	-0.5882	-0.7153
0.900	-0.7887	-0.8292	-0.7073	-0.6042	-0.8021
0.925	*******	-0.9705	-0.8665	-0.6686	-0.7629
0.950	-0.9919	-1.1583	-1.0942	-0.8666	*******
0.975	*******	-1.5196	-1.4980	*******	-0.7165
1.000	-1.0901	-1.9475	-2.1857	-2.1749	-1.2260
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2113	0.1952	0.2077	*******	-0.3327
-0.400	*******	0.2024	0.1832	0.0384	-0.3930
-0.600	0.2154	0.2097	0.1832	0.0708	-0.3949
-0.700	0.2360	0.2137	0.1878	0.0864	-0.3936
-0.800	*******	*******	0.1962	0.1124	-0.3950
-0.850	0.2914	0.2461	0.2112	0.1309	-0.4278
-0.900	*******	0.2530	0.2271	0.1555	-0.4287
-0.950	0.2015	0.2064	0.2059	0.1777	-0.2094
-0.975	*******	0.0537	0.0922	0.1150	-0.0183
-1.000	-1.1620	-1.5912	-2.1625	-2.1171	-1.2883



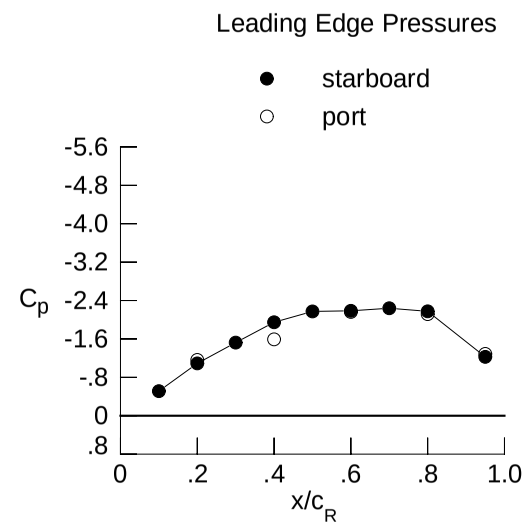
Large Radius L.E.

Run No. = 76 , Point No. = 1609

C_N = 0.406, C_m = -0.0620

α = 11.0 °, M_∞ = 0.599

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

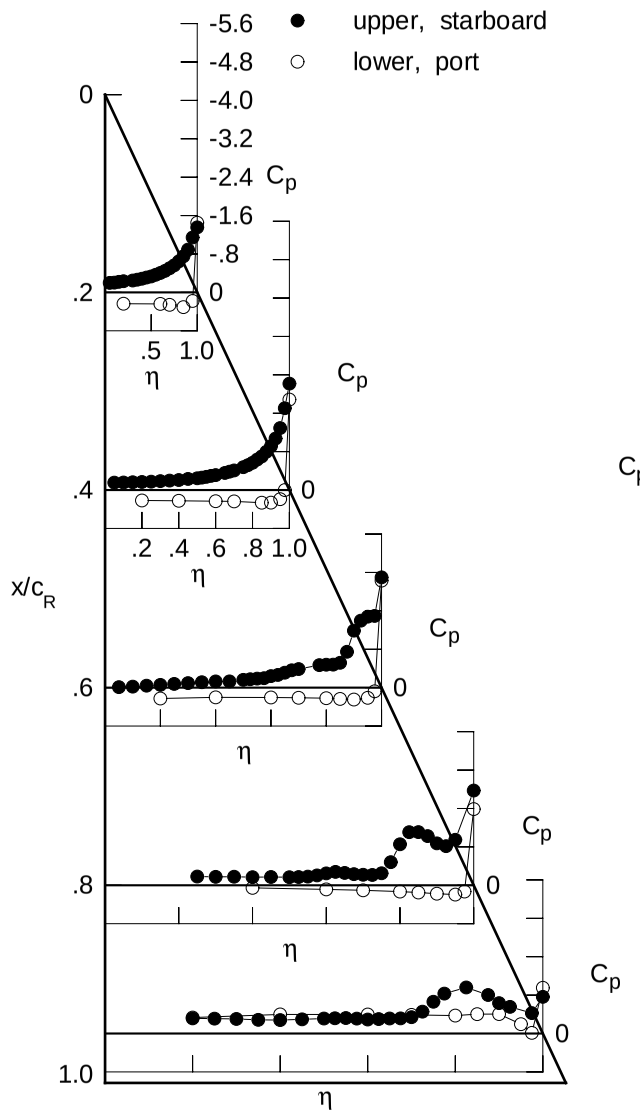


x/c_R	starb'd C_p	port C_p
0.10	-0.5124	*******
0.20	-1.0901	-1.1620
0.30	-1.5231	*******
0.40	-1.9475	-1.5912
0.50	-2.1731	*******
0.60	-2.1857	-2.1625
0.70	-2.2395	*******
0.80	-2.1749	-2.1171
0.90	*******	*******
0.95	-1.2260	-1.2883

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	-0.1982	-0.1545	-0.0104	*******	*******
0.100	-0.2035	-0.1571	-0.0211	*******	*******
0.150	-0.2200	-0.1628	-0.0412	*******	*******
0.200	-0.2326	-0.1678	-0.0576	*******	-0.3155
0.250	*******	-0.1748	-0.0775	-0.1823	-0.3100
0.300	-0.2475	-0.1855	-0.0944	-0.1757	-0.3035
0.350	-0.2650	-0.1969	-0.1127	-0.1780	-0.2844
0.400	-0.2848	-0.2092	-0.1296	-0.1691	-0.2802
0.450	-0.3094	-0.2312	-0.1307	-0.1730	-0.2955
0.500	-0.3316	-0.2450	-0.1620	-0.1678	-0.3118
0.525	*******	-0.2584	-0.1753	-0.1721	-0.3180
0.550	-0.3672	-0.2750	-0.1884	-0.1804	-0.3224
0.575	*******	-0.2955	-0.1970	-0.2056	-0.3104
0.600	-0.4046	-0.3112	-0.2403	-0.2482	-0.2912
0.625	*******	*******	-0.2651	-0.2795	-0.3005
0.650	-0.4481	-0.3562	-0.3109	-0.2577	-0.3126
0.675	*******	-0.3825	-0.3618	-0.2324	-0.3150
0.700	-0.5025	-0.4083	-0.3875	-0.2195	-0.3401
0.725	*******	*******	*******	-0.2154	-0.4552
0.750	-0.5635	-0.4763	*******	-0.2508	-0.6617
0.775	*******	-0.5175	-0.4688	-0.4819	-0.8309
0.800	-0.6455	-0.5673	-0.4772	-0.8542	*******
0.825	*******	-0.6343	-0.4795	-1.1063	-0.9594
0.850	-0.7511	-0.6996	-0.5178	-1.1084	*******
0.875	*******	-0.7966	-0.7472	-1.0247	-0.8025
0.900	-0.8914	-0.9125	-1.1874	-0.8736	-0.6331
0.925	*******	-1.0738	-1.3949	-0.8154	-0.5554
0.950	-1.1442	-1.2913	-1.4785	-0.9484	*******
0.975	*******	-1.7051	-1.4942	*******	-0.4249
1.000	-1.3543	-2.2171	-2.2973	-1.9732	-0.7642
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2360	0.2174	0.2261	*******	-0.3325
-0.400	*******	0.2241	0.2025	0.0539	-0.3973
-0.600	0.2403	0.2329	0.2051	0.0859	-0.3961
-0.700	0.2591	0.2364	0.2108	0.1045	-0.3880
-0.800	*******	*******	0.2199	0.1313	-0.3736
-0.850	0.3071	0.2644	0.2351	0.1506	-0.4035
-0.900	*******	0.2623	0.2477	0.1755	-0.4047
-0.950	0.1784	0.1905	0.2116	0.1936	-0.1943
-0.975	*******	0.0007	0.0756	0.1303	-0.0133
-1.000	-1.4512	-1.8845	-2.2299	-1.5868	-0.9532

Surface Pressures



Large Radius L.E.

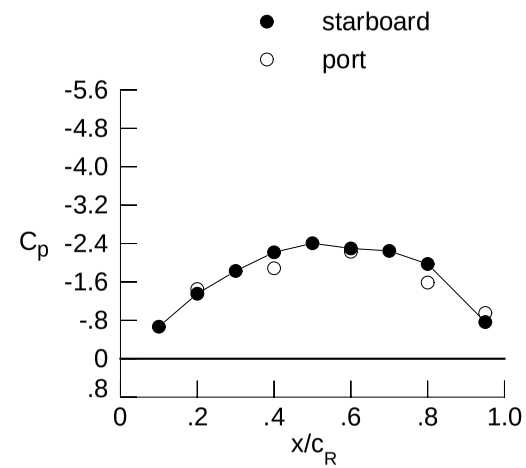
Run No. = 76 , Point No. = 1610

C_N = 0.469, C_m = -0.0751

α = 12.0 °, M_∞ = 0.601

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

Leading Edge Pressures

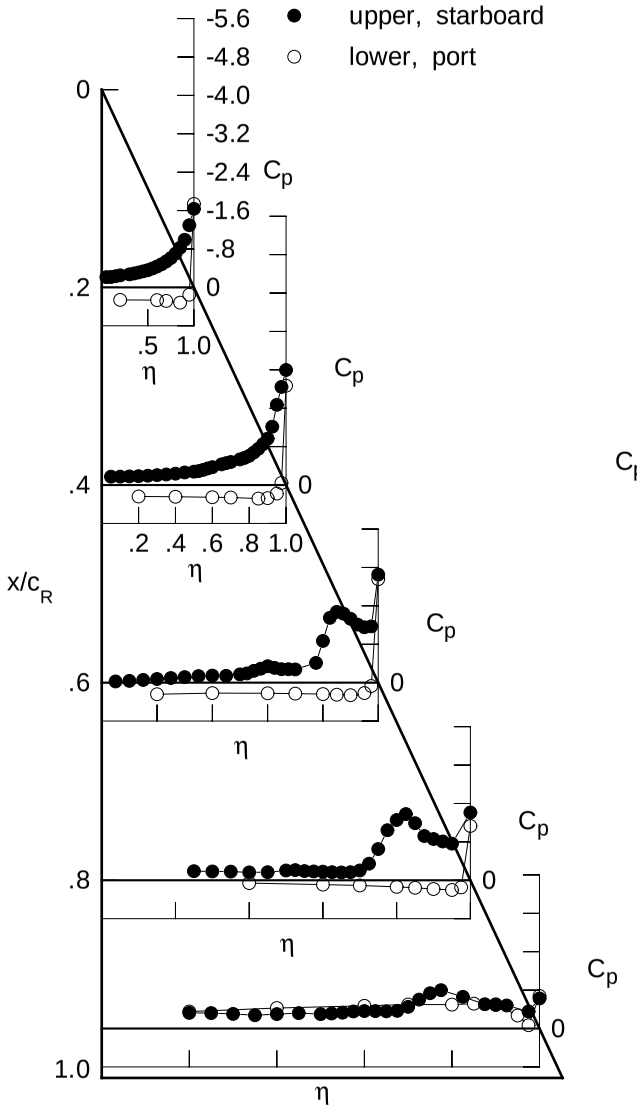


x/c_R	starb'd Cp	port Cp
0.10	-0.6676	*******
0.20	-1.3543	-1.4512
0.30	-1.8287	*******
0.40	-2.2171	-1.8845
0.50	-2.4052	*******
0.60	-2.2973	-2.2299
0.70	-2.2461	*******
0.80	-1.9732	-1.5868
0.90	*******	*******
0.95	-0.7642	-0.9532

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	-0.2133	-0.1747	-0.0251	*******	*******
0.100	-0.2157	-0.1755	-0.0370	*******	*******
0.150	-0.2325	-0.1802	-0.0562	*******	*******
0.200	-0.2509	-0.1851	-0.0759	*******	-0.3254
0.250	*******	-0.1947	-0.0958	-0.1896	-0.3219
0.300	-0.2713	-0.2061	-0.1149	-0.1844	-0.3041
0.350	-0.2894	-0.2203	-0.1365	-0.1808	-0.2760
0.400	-0.3104	-0.2367	-0.1470	-0.1651	-0.3007
0.450	-0.3346	-0.2617	-0.1426	-0.1686	-0.3207
0.500	-0.3584	-0.2780	-0.1722	-0.2036	-0.3000
0.525	*******	-0.2893	-0.1919	-0.2118	-0.3126
0.550	-0.3947	-0.3153	-0.2454	-0.1921	-0.3300
0.575	*******	-0.3458	-0.2904	-0.1836	-0.3549
0.600	-0.4351	-0.3720	-0.3416	-0.1801	-0.3644
0.625	*******	*******	-0.3082	-0.1692	-0.3623
0.650	-0.4825	-0.4303	-0.2803	-0.1630	-0.3575
0.675	*******	-0.4556	-0.2789	-0.1687	-0.3683
0.700	-0.5417	-0.4800	-0.2753	-0.2044	-0.4520
0.725	*******	*******	*******	-0.3457	-0.6027
0.750	-0.6111	-0.5336	*******	-0.6510	-0.7352
0.775	*******	-0.5657	-0.4115	-1.0434	-0.7981
0.800	-0.7033	-0.6090	-0.8685	-1.2555	*******
0.825	*******	-0.6768	-1.3506	-1.3789	-0.6601
0.850	-0.8258	-0.7551	-1.4745	-1.1898	*******
0.875	*******	-0.8510	-1.4356	-0.9222	-0.5056
0.900	-0.9919	-0.9661	-1.3297	-0.8600	-0.4892
0.925	*******	-1.2150	-1.2096	-0.8089	-0.4800
0.950	-1.2953	-1.6712	-1.1534	-0.7631	*******
0.975	*******	-2.0442	-1.1728	*******	-0.3556
1.000	-1.6366	-2.3966	-2.2512	-1.4120	-0.6265
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2598	0.2380	0.2415	*******	-0.3533
-0.400	*******	0.2443	0.2184	0.0586	-0.4267
-0.600	0.2658	0.2544	0.2216	0.0896	-0.4730
-0.700	0.2818	0.2598	0.2285	0.1077	-0.4999
-0.800	*******	*******	0.2383	0.1369	-0.4973
-0.850	0.3184	0.2821	0.2522	0.1561	-0.5177
-0.900	*******	0.2729	0.2616	0.1821	-0.5049
-0.950	0.1528	0.1778	0.2167	0.2022	-0.2704
-0.975	*******	-0.0437	0.0694	0.1471	-0.0689
-1.000	-1.7393	-2.0689	-2.1559	-1.1320	-0.6786

Surface Pressures



Large Radius L.E.

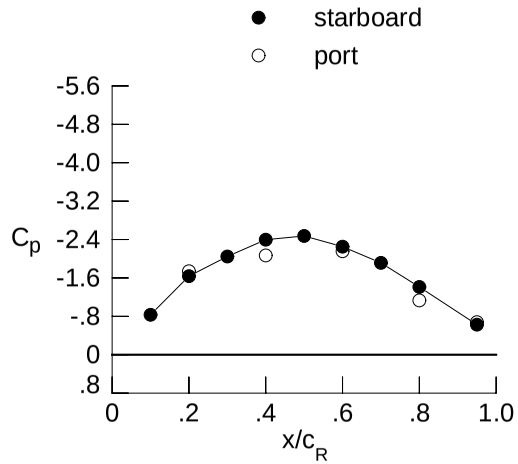
Run No. = 76 , Point No. = 1611

C_N = 0.500, C_m = -0.0705

α = 13.0 °, M_∞ = 0.600

R_{mac} = 59.8×10^6

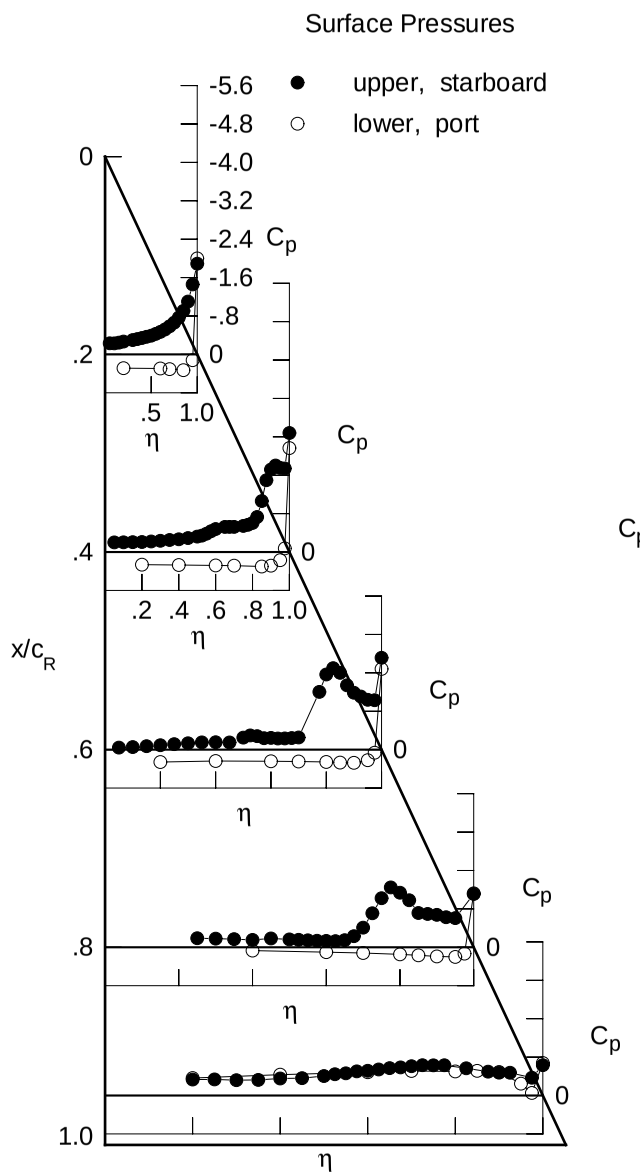
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.8320	*******
0.20	-1.6366	-1.7393
0.30	-2.0468	*******
0.40	-2.3966	-2.0689
0.50	-2.4741	*******
0.60	-2.2512	-2.1559
0.70	-1.9137	*******
0.80	-1.4120	-1.1320
0.90	*******	*******
0.95	-0.6265	-0.6786

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	-0.2313	-0.2011	-0.0422	*******	*******
0.100	-0.2298	-0.2021	-0.0535	*******	*******
0.150	-0.2445	-0.2058	-0.0723	*******	*******
0.200	-0.2669	-0.2085	-0.0916	*******	-0.3325
0.250	*******	-0.2197	-0.1143	-0.1890	-0.3351
0.300	-0.2983	-0.2340	-0.1329	-0.1797	-0.3189
0.350	-0.3192	-0.2511	-0.1508	-0.1694	-0.3252
0.400	-0.3419	-0.2657	-0.1543	-0.1535	-0.3545
0.450	-0.3666	-0.2916	-0.1497	-0.1840	-0.3612
0.500	-0.3900	-0.3219	-0.2506	-0.1640	-0.4058
0.525	*******	-0.3418	-0.2963	-0.1560	-0.4429
0.550	-0.4274	-0.3817	-0.2809	-0.1453	-0.4622
0.575	*******	-0.4337	-0.2386	-0.1360	-0.5035
0.600	-0.4692	-0.4788	-0.2446	-0.1325	-0.5155
0.625	*******	*******	-0.2319	-0.1280	-0.5421
0.650	-0.5191	-0.5234	-0.2338	-0.1483	-0.5702
0.675	*******	-0.5237	-0.2416	-0.2311	-0.5856
0.700	-0.5850	-0.5244	-0.2533	-0.4088	-0.6103
0.725	*******	*******	*******	-0.7086	-0.6312
0.750	-0.6620	-0.5439	*******	-1.0226	-0.6287
0.775	*******	-0.5670	-1.2035	-1.2471	-0.6302
0.800	-0.7668	-0.6058	-1.5658	-1.1365	*******
0.825	*******	-0.7304	-1.6973	-0.9803	-0.5673
0.850	-0.9062	-1.0620	-1.6000	-0.7146	*******
0.875	*******	-1.4961	-1.3404	-0.6945	-0.4969
0.900	-1.1007	-1.7181	-1.1855	-0.6759	-0.4761
0.925	*******	-1.8023	-1.1061	-0.6264	-0.4741
0.950	-1.4574	-1.7526	-1.0386	-0.6082	*******
0.975	*******	-1.7408	-1.0297	*******	-0.3704
1.000	-1.8899	-2.4796	-1.9139	-1.1100	-0.6321
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2870	0.2629	0.2583	*******	-0.3638
-0.400	*******	0.2703	0.2370	0.0689	-0.4344
-0.600	0.2939	0.2795	0.2422	0.1017	-0.4845
-0.700	0.3071	0.2838	0.2473	0.1195	-0.5112
-0.800	*******	*******	0.2564	0.1474	-0.5012
-0.850	0.3290	0.3015	0.2696	0.1668	-0.5139
-0.900	*******	0.2842	0.2747	0.1903	-0.4896
-0.950	0.1212	0.1697	0.2203	0.2010	-0.2470
-0.975	*******	-0.0758	0.0640	0.1322	-0.0535
-1.000	-1.9989	-2.1657	-1.6812	-1.1238	-0.6766



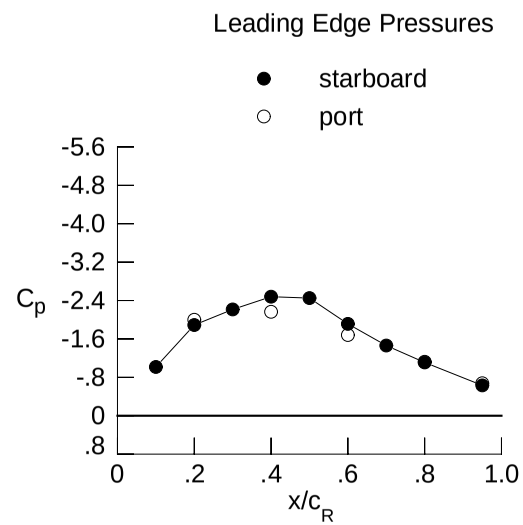
Large Radius L.E.

Run No. = 76 , Point No. = 1612

C_N = 0.543, C_m = -0.0720

α = 14.1 °, M_∞ = 0.600

R_{mac} = 59.8×10^6

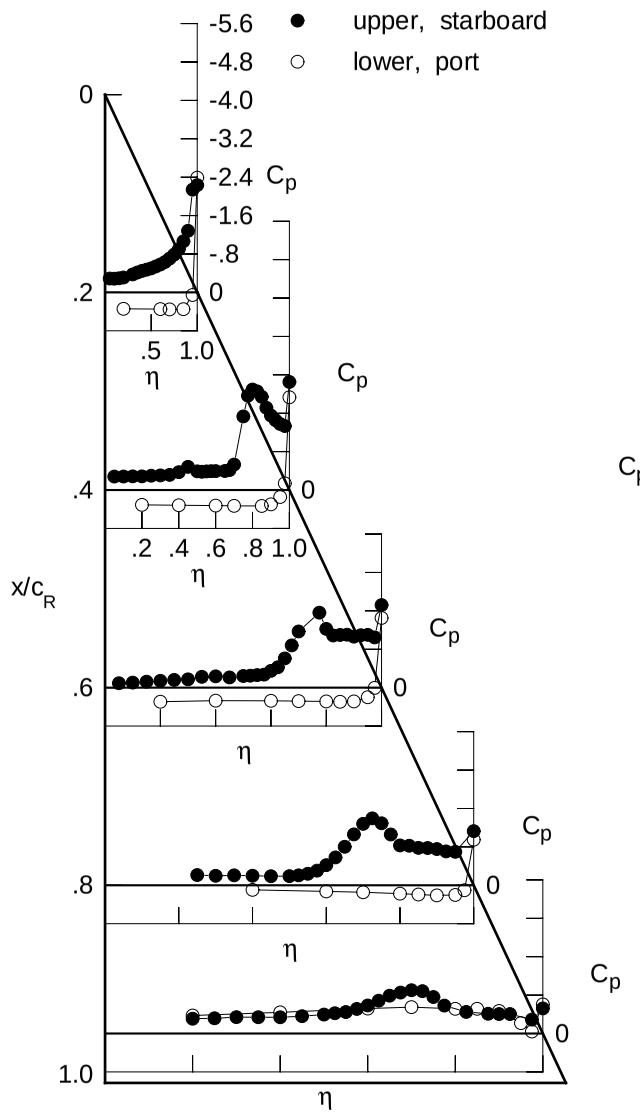


x/c_R	starb'd Cp	port Cp
0.10	-1.0163	*******
0.20	-1.8899	-1.9989
0.30	-2.2144	*******
0.40	-2.4796	-2.1657
0.50	-2.4509	*******
0.60	-1.9139	-1.6812
0.70	-1.4620	*******
0.80	-1.1100	-1.1238
0.90	*******	*******
0.95	-0.6321	-0.6766

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	-0.2885	-0.2811	-0.0921	*******	*******
0.100	-0.2855	-0.2816	-0.1046	*******	*******
0.150	-0.2933	-0.2852	-0.1244	*******	*******
0.200	-0.3101	-0.2845	-0.1414	*******	-0.3080
0.250	*******	-0.2981	-0.1612	-0.2138	-0.3174
0.300	-0.3748	-0.3049	-0.1731	-0.1977	-0.3409
0.350	-0.4135	-0.3160	-0.2257	-0.2069	-0.3391
0.400	-0.4469	-0.3720	-0.2351	-0.1995	-0.3382
0.450	-0.4739	-0.4831	-0.2125	-0.1885	-0.3611
0.500	-0.5002	-0.3897	-0.2424	-0.1903	-0.3943
0.525	*******	-0.3810	-0.2485	-0.2068	-0.4226
0.550	-0.5396	-0.3882	-0.2617	-0.2404	-0.4470
0.575	*******	-0.3927	-0.2711	-0.3049	-0.5124
0.600	-0.5818	-0.3941	-0.3498	-0.4188	-0.5840
0.625	*******	*******	-0.4241	-0.5807	-0.6842
0.650	-0.6329	-0.3970	-0.6091	-0.8028	-0.7876
0.675	*******	-0.4157	-0.8797	-1.0600	-0.8525
0.700	-0.7050	-0.5312	-1.1703	-1.2797	-0.9019
0.725	*******	*******	*******	-1.3943	-0.8822
0.750	-0.7871	-1.5337	*******	-1.2923	-0.7603
0.775	*******	-1.9653	-1.5618	-1.0587	-0.5818
0.800	-0.8985	-2.0939	-1.2238	-0.8306	*******
0.825	*******	-2.0552	-1.0867	-0.8238	-0.4497
0.850	-1.0637	-1.9420	-1.0979	-0.7796	*******
0.875	*******	-1.7136	-1.1030	-0.7769	-0.4114
0.900	-1.2832	-1.5517	-1.0627	-0.7554	-0.4060
0.925	*******	-1.4539	-1.0920	-0.7053	-0.4054
0.950	-2.1409	-1.3761	-1.0998	-0.6976	*******
0.975	*******	-1.3336	-1.0465	*******	-0.2896
1.000	-2.2342	-2.2519	-1.7199	-1.1279	-0.5223
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3427	0.3091	0.2934	*******	-0.3751
-0.400	*******	0.3169	0.2714	0.0954	-0.4411
-0.600	0.3478	0.3242	0.2741	0.1276	-0.5202
-0.700	0.3544	0.3296	0.2811	0.1450	-0.5493
-0.800	*******	*******	0.2874	0.1742	-0.5146
-0.850	0.3493	0.3319	0.2947	0.1922	-0.5140
-0.900	*******	0.2982	0.2873	0.2107	-0.4697
-0.950	0.0547	0.1449	0.2003	0.2014	-0.2156
-0.975	*******	-0.1394	0.0048	0.1035	-0.0413
-1.000	-2.3908	-1.9331	-1.4520	-0.9494	-0.6065

Surface Pressures



Large Radius L.E.

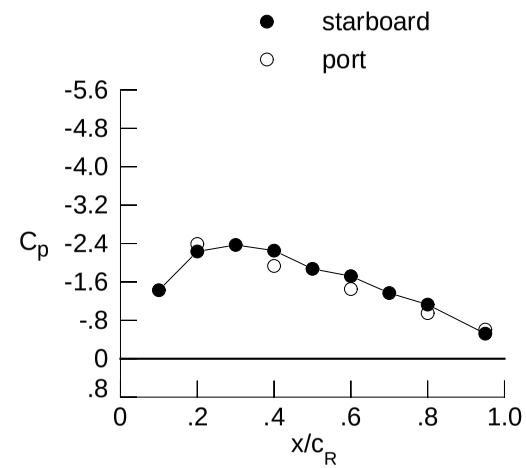
Run No. = 76 , Point No. = 1613

C_N = 0.656, C_m = -0.0838

α = 16.2 °, M_∞ = 0.600

R_{mac} = 59.9×10^6

Leading Edge Pressures

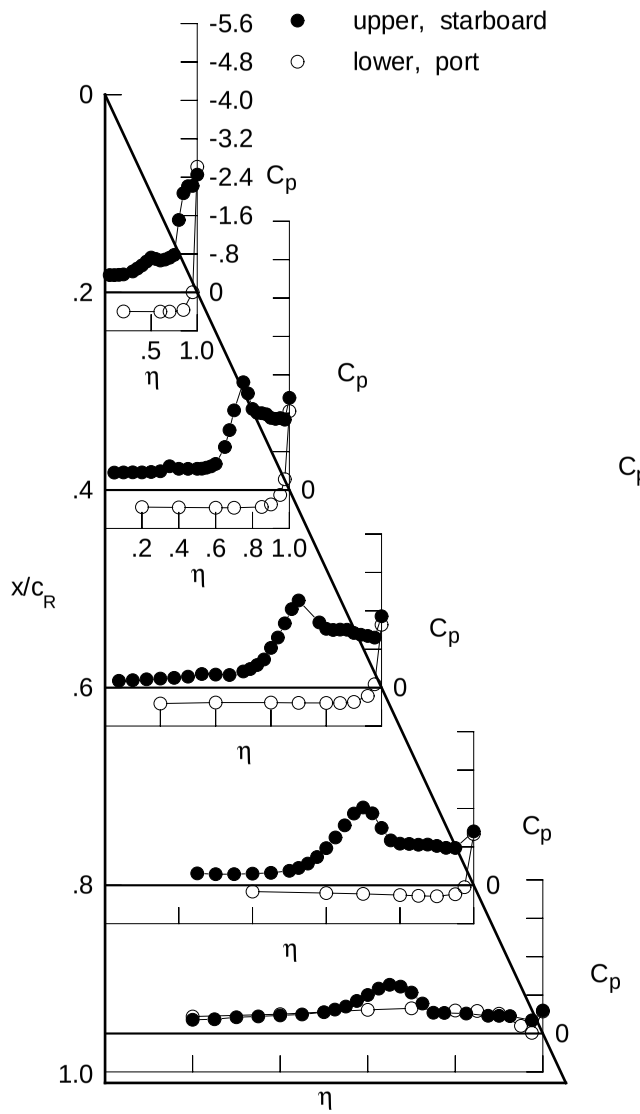


x/c_R	starb'd C_p	port C_p
0.10	-1.4270	*******
0.20	-2.2342	-2.3908
0.30	-2.3704	*******
0.40	-2.2519	-1.9331
0.50	-1.8725	*******
0.60	-1.7199	-1.4520
0.70	-1.3686	*******
0.80	-1.1279	-0.9494
0.90	*******	*******
0.95	-0.5223	-0.6065

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	-0.3610	-0.3636	-0.1426	*******	*******
0.100	-0.3596	-0.3663	-0.1551	*******	*******
0.150	-0.3658	-0.3690	-0.1736	*******	*******
0.200	-0.3748	-0.3668	-0.1885	*******	-0.2862
0.250	*******	-0.3758	-0.2038	-0.2478	-0.2966
0.300	-0.4356	-0.3909	-0.2292	-0.2309	-0.3388
0.350	-0.4970	-0.4951	-0.2843	-0.2317	-0.3556
0.400	-0.5626	-0.4420	-0.2719	-0.2424	-0.3765
0.450	-0.6421	-0.4414	-0.2635	-0.2590	-0.3971
0.500	-0.7255	-0.4424	-0.3371	-0.3019	-0.4441
0.525	*******	-0.4449	-0.3878	-0.3610	-0.4981
0.550	-0.6970	-0.4653	-0.4712	-0.4520	-0.5617
0.575	*******	-0.4939	-0.5875	-0.5891	-0.6781
0.600	-0.6644	-0.5438	-0.8277	-0.7736	-0.8028
0.625	*******	*******	-1.0438	-0.9962	-0.9351
0.650	-0.6843	-0.8968	-1.3388	-1.2491	-1.0150
0.675	*******	-1.2486	-1.6359	-1.4944	-0.9766
0.700	-0.7225	-1.6600	-1.8157	-1.6206	-0.8532
0.725	*******	*******	*******	-1.4992	-0.6250
0.750	-0.7805	-2.2457	*******	-1.1948	-0.4332
0.775	*******	-2.0128	-1.3583	-0.9353	-0.4287
0.800	-1.5090	-1.6886	-1.2260	-0.8669	*******
0.825	*******	-1.6082	-1.2017	-0.8615	-0.4159
0.850	-2.0660	-1.6012	-1.2084	-0.8444	*******
0.875	*******	-1.5779	-1.2063	-0.8479	-0.3698
0.900	-2.2122	-1.5029	-1.1396	-0.8200	-0.3683
0.925	*******	-1.4827	-1.1017	-0.7802	-0.3621
0.950	-2.2193	-1.4983	-1.0765	-0.7775	*******
0.975	*******	-1.4656	-1.0424	*******	-0.2746
1.000	-2.4526	-1.9206	-1.4871	-1.1229	-0.4787
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3979	0.3558	0.3316	*******	-0.3535
-0.400	*******	0.3626	0.3106	0.1309	-0.4024
-0.600	0.4012	0.3687	0.3115	0.1621	-0.4932
-0.700	0.4005	0.3696	0.3180	0.1792	-0.5244
-0.800	*******	*******	0.3189	0.2040	-0.4791
-0.850	0.3654	0.3527	0.3204	0.2201	-0.4694
-0.900	*******	0.3002	0.2980	0.2291	-0.4120
-0.950	-0.0030	0.1024	0.1726	0.1863	-0.1590
-0.975	*******	-0.2252	-0.0707	0.0392	-0.0134
-1.000	-2.6167	-1.6430	-1.3094	-1.0669	-0.4585

Surface Pressures



Large Radius L.E.

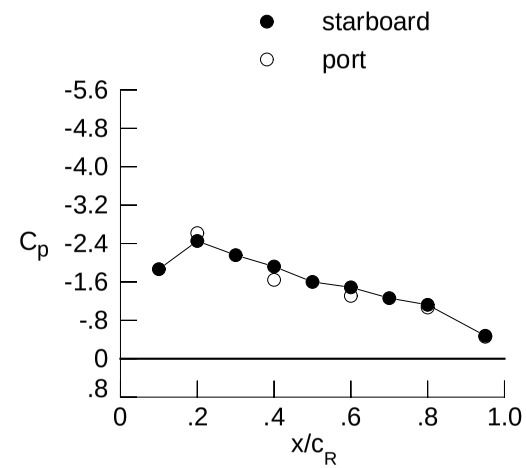
Run No. = 76 , Point No. = 1614

C_N = 0.811, C_m = -0.1133

α = 18.3 °, M_∞ = 0.599

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

Leading Edge Pressures

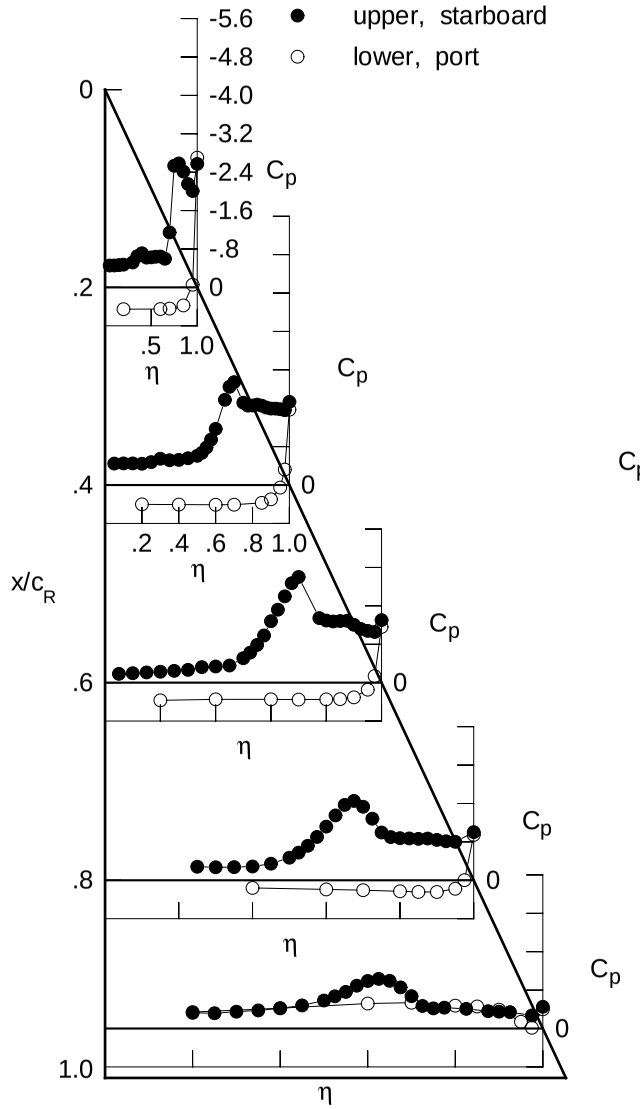


x/c_R	starb'd Cp	port Cp
0.10	-1.8654	*******
0.20	-2.4526	-2.6167
0.30	-2.1577	*******
0.40	-1.9206	-1.6430
0.50	-1.6003	*******
0.60	-1.4871	-1.3094
0.70	-1.2628	*******
0.80	-1.1229	-1.0669
0.90	*******	*******
0.95	-0.4787	-0.4585

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	-0.4549	-0.4476	-0.1835	*******	*******
0.100	-0.4556	-0.4502	-0.1962	*******	*******
0.150	-0.4640	-0.4506	-0.2129	*******	*******
0.200	-0.4736	-0.4443	-0.2269	*******	-0.3261
0.250	*******	-0.4777	-0.2459	-0.2821	-0.3183
0.300	-0.5193	-0.5481	-0.2665	-0.2710	-0.3505
0.350	-0.6511	-0.5171	-0.3228	-0.2746	-0.3766
0.400	-0.7113	-0.5242	-0.3368	-0.2871	-0.4212
0.450	-0.6202	-0.5586	-0.3572	-0.3458	-0.4805
0.500	-0.6256	-0.6091	-0.5087	-0.4706	-0.5831
0.525	*******	-0.6692	-0.6262	-0.5762	-0.6707
0.550	-0.6391	-0.7818	-0.7853	-0.7196	-0.7631
0.575	*******	-0.9475	-0.9821	-0.9028	-0.8924
0.600	-0.6431	-1.1696	-1.2803	-1.1185	-0.9907
0.625	*******	*******	-1.5202	-1.3512	-1.0334
0.650	-0.5971	-1.7754	-1.7975	-1.5702	-0.9935
0.675	*******	-2.0464	-2.0723	-1.6538	-0.8566
0.700	-1.1440	-2.1428	-2.2019	-1.5323	-0.6735
0.725	*******	*******	*******	-1.2823	-0.4698
0.750	-2.5326	-1.7152	*******	-0.9962	-0.4190
0.775	*******	-1.6540	-1.3451	-0.9003	-0.4346
0.800	-2.5821	-1.6566	-1.2938	-0.8779	*******
0.825	*******	-1.6761	-1.2746	-0.8723	-0.4095
0.850	-2.4132	-1.6534	-1.2829	-0.8629	*******
0.875	*******	-1.6143	-1.2886	-0.8693	-0.3604
0.900	-2.1531	-1.5929	-1.2057	-0.8420	-0.3509
0.925	*******	-1.5921	-1.1182	-0.8128	-0.3411
0.950	-2.0082	-1.5797	-1.0783	-0.8012	*******
0.975	*******	-1.5583	-1.0551	*******	-0.2721
1.000	-2.5730	-1.7328	-1.3025	-1.0029	-0.4532
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4540	0.4026	0.3689	*******	-0.3425
-0.400	*******	0.4076	0.3478	0.1593	-0.4227
-0.600	0.4509	0.4110	0.3484	0.1902	-0.5203
-0.700	0.4415	0.4096	0.3524	0.2063	-0.5378
-0.800	*******	*******	0.3487	0.2300	-0.4760
-0.850	0.3758	0.3711	0.3428	0.2422	-0.4595
-0.900	*******	0.2977	0.3066	0.2440	-0.3929
-0.950	-0.0563	0.0538	0.1464	0.1765	-0.1405
-0.975	*******	-0.3223	-0.1358	-0.0026	-0.0162
-1.000	-2.7021	-1.5699	-1.1612	-0.9449	-0.4001

Surface Pressures



Large Radius L.E.

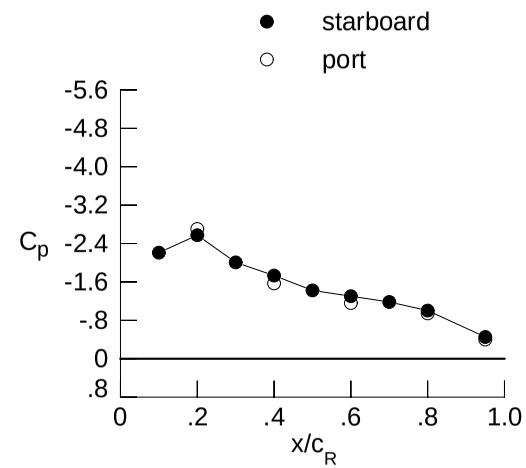
Run No. = 76 , Point No. = 1615

C_N = 0.926, C_m = -0.1249

α = 20.3 °, M_∞ = 0.600

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

Leading Edge Pressures

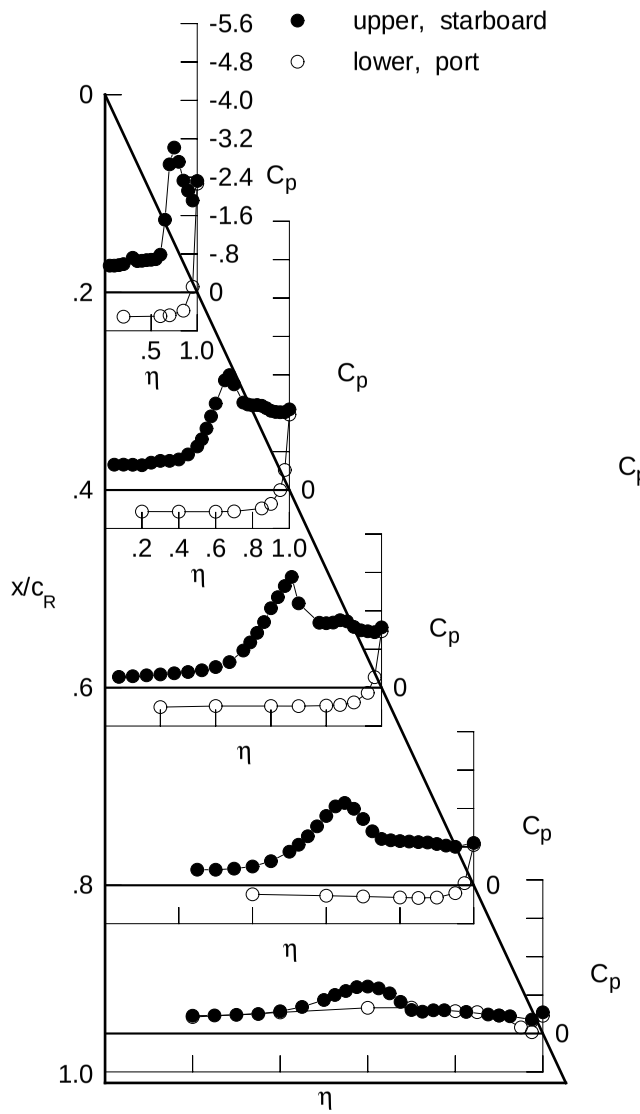


x/c_R	starb'd C_p	port C_p
0.10	-2.2097	*******
0.20	-2.5730	-2.7021
0.30	-2.0075	*******
0.40	-1.7328	-1.5699
0.50	-1.4233	*******
0.60	-1.3025	-1.1612
0.70	-1.1826	*******
0.80	-1.0029	-0.9449
0.90	*******	*******
0.95	-0.4532	-0.4001

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	-0.5567	-0.5282	-0.2238	*******	*******
0.100	-0.5570	-0.5289	-0.2374	*******	*******
0.150	-0.5678	-0.5268	-0.2571	*******	*******
0.200	-0.5889	-0.5169	-0.2751	*******	-0.3703
0.250	*******	-0.5694	-0.2992	-0.3247	-0.3762
0.300	-0.7210	-0.6069	-0.3252	-0.3238	-0.3884
0.350	-0.6517	-0.6082	-0.3613	-0.3465	-0.4062
0.400	-0.6585	-0.6372	-0.4285	-0.3915	-0.4635
0.450	-0.6722	-0.7412	-0.5319	-0.5015	-0.5536
0.500	-0.6796	-0.9081	-0.7727	-0.6992	-0.6986
0.525	*******	-1.0586	-0.9422	-0.8446	-0.8029
0.550	-0.6919	-1.2816	-1.1414	-1.0218	-0.8853
0.575	*******	-1.5356	-1.3667	-1.2281	-0.9668
0.600	-0.7857	-1.8021	-1.6545	-1.4441	-0.9786
0.625	*******	*******	-1.8850	-1.6429	-0.9402
0.650	-1.5128	-2.2847	-2.1164	-1.7150	-0.8365
0.675	*******	-2.3946	-2.3068	-1.5934	-0.6591
0.700	-2.6669	-2.2016	-1.7564	-1.3808	-0.4895
0.725	*******	*******	*******	-1.1249	-0.4547
0.750	-3.0167	-1.8227	*******	-0.9653	-0.4843
0.775	*******	-1.7813	-1.3520	-0.9373	-0.4851
0.800	-2.7198	-1.7643	-1.3427	-0.9205	*******
0.825	*******	-1.7715	-1.3554	-0.9111	-0.4493
0.850	-2.3291	-1.7553	-1.4051	-0.8989	*******
0.875	*******	-1.7059	-1.3808	-0.8910	-0.3963
0.900	-2.1192	-1.6508	-1.2644	-0.8602	-0.3758
0.925	*******	-1.6269	-1.1943	-0.8267	-0.3591
0.950	-1.9144	-1.6211	-1.1746	-0.8013	*******
0.975	*******	-1.6224	-1.1550	*******	-0.2905
1.000	-2.3209	-1.6806	-1.2554	-0.8816	-0.4414
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5063	0.4485	0.4057	*******	-0.3432
-0.400	*******	0.4508	0.3836	0.1884	-0.4395
-0.600	0.4954	0.4514	0.3834	0.2176	-0.5352
-0.700	0.4767	0.4456	0.3847	0.2337	-0.5382
-0.800	*******	*******	0.3742	0.2540	-0.4655
-0.850	0.3809	0.3831	0.3609	0.2636	-0.4449
-0.900	*******	0.2891	0.3078	0.2557	-0.3725
-0.950	-0.1164	0.0016	0.1087	0.1644	-0.1271
-0.975	*******	-0.4178	-0.2172	-0.0447	-0.0272
-1.000	-2.2650	-1.5729	-1.1750	-0.8399	-0.3692

Surface Pressures



Large Radius L.E.

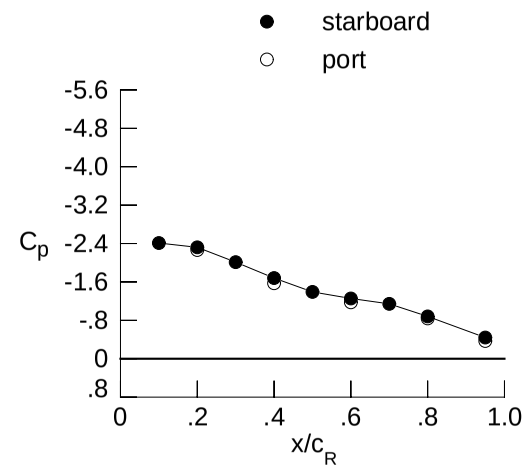
Run No. = 76 , Point No. = 1616

C_N = 1.038, C_m = -0.1363

α = 22.4 °, M_∞ = 0.600

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

Leading Edge Pressures

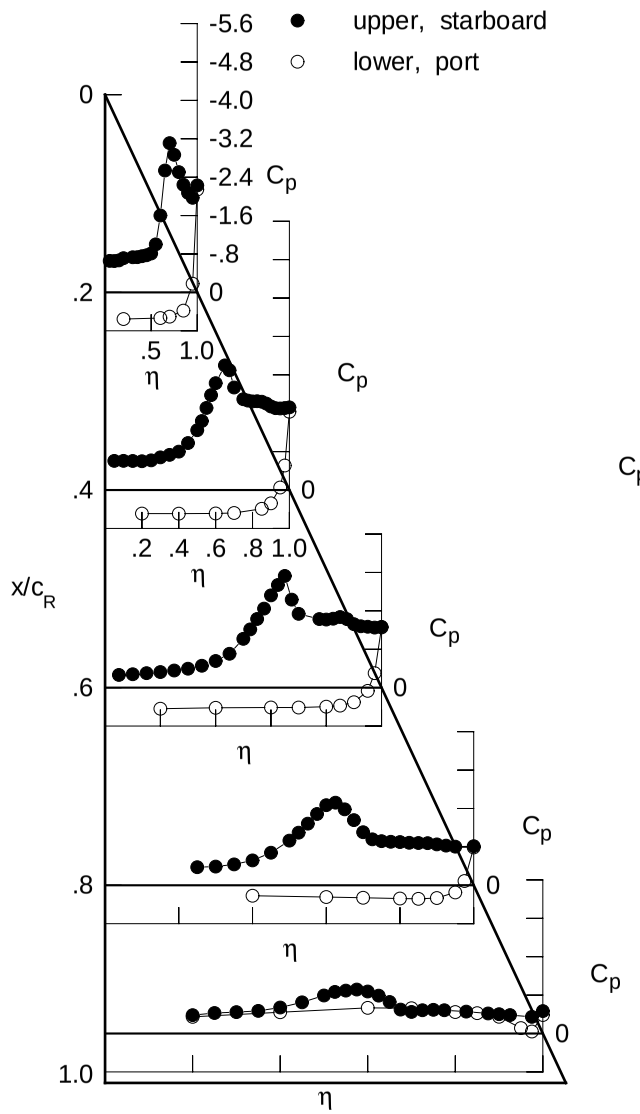


x/c_R	starb'd C_p	port C_p
0.10	-2.4104	*******
0.20	-2.3209	-2.2650
0.30	-2.0121	*******
0.40	-1.6806	-1.5729
0.50	-1.3921	*******
0.60	-1.2554	-1.1750
0.70	-1.1432	*******
0.80	-0.8816	-0.8399
0.90	*******	*******
0.95	-0.4414	-0.3692

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	-0.6570	-0.6069	-0.2648	*******	*******
0.100	-0.6529	-0.6080	-0.2792	*******	*******
0.150	-0.6663	-0.6060	-0.3019	*******	*******
0.200	-0.7130	-0.6004	-0.3249	*******	-0.3827
0.250	*******	-0.6188	-0.3568	-0.3769	-0.4268
0.300	-0.7321	-0.6806	-0.3940	-0.3898	-0.4459
0.350	-0.7336	-0.7330	-0.4556	-0.4355	-0.4709
0.400	-0.7534	-0.8000	-0.5551	-0.5182	-0.5412
0.450	-0.7736	-0.9789	-0.7057	-0.6787	-0.6494
0.500	-0.8107	-1.2463	-1.0169	-0.9302	-0.7922
0.525	*******	-1.4374	-1.2138	-1.0957	-0.8666
0.550	-1.0005	-1.7103	-1.4302	-1.2843	-0.8938
0.575	*******	-1.9771	-1.6465	-1.4860	-0.9160
0.600	-1.6022	-2.2260	-1.9224	-1.6689	-0.8752
0.625	*******	*******	-2.1383	-1.7205	-0.7889
0.650	-2.5395	-2.5968	-2.3273	-1.5822	-0.6569
0.675	*******	-2.4941	-1.8333	-1.3574	-0.4986
0.700	-3.1093	-2.1364	-1.5377	-1.1054	-0.4496
0.725	*******	*******	*******	-0.9577	-0.4847
0.750	-2.8654	-1.8922	*******	-0.9192	-0.4936
0.775	*******	-1.8631	-1.4285	-0.9063	-0.4846
0.800	-2.5058	-1.8462	-1.4180	-0.9004	*******
0.825	*******	-1.8501	-1.4357	-0.8859	-0.4563
0.850	-2.2427	-1.8401	-1.4715	-0.8806	*******
0.875	*******	-1.8007	-1.4276	-0.8773	-0.4175
0.900	-2.0743	-1.7409	-1.3223	-0.8523	-0.4025
0.925	*******	-1.7056	-1.2785	-0.8267	-0.3842
0.950	-1.9705	-1.6995	-1.2688	-0.8045	*******
0.975	*******	-1.7078	-1.2515	*******	-0.3471
1.000	-2.2285	-1.7227	-1.2662	-0.8142	-0.4670
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5552	0.4905	0.4391	*******	-0.3475
-0.400	*******	0.4917	0.4196	0.2179	-0.4431
-0.600	0.5343	0.4880	0.4140	0.2450	-0.5344
-0.700	0.5059	0.4780	0.4146	0.2600	-0.5268
-0.800	*******	*******	0.3965	0.2762	-0.4475
-0.850	0.3802	0.3913	0.3742	0.2824	-0.4243
-0.900	*******	0.2765	0.3038	0.2656	-0.3485
-0.950	-0.1807	-0.0528	0.0675	0.1485	-0.1128
-0.975	*******	-0.5111	-0.3013	-0.0886	-0.0419
-1.000	-2.1427	-1.6311	-1.2547	-0.7884	-0.3849

Surface Pressures



Large Radius L.E.

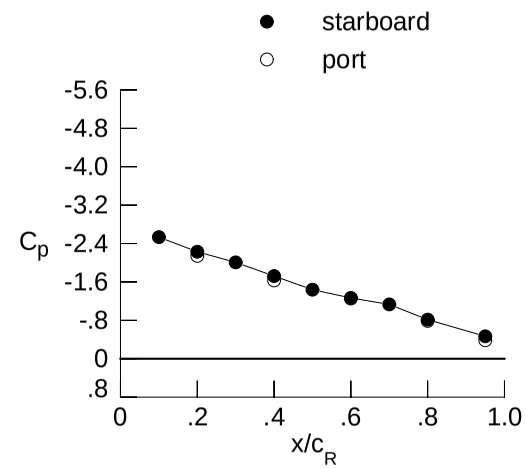
Run No. = 76 , Point No. = 1617

C_N = 1.142, C_m = -0.1454

α = 24.5 °, M_∞ = 0.600

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

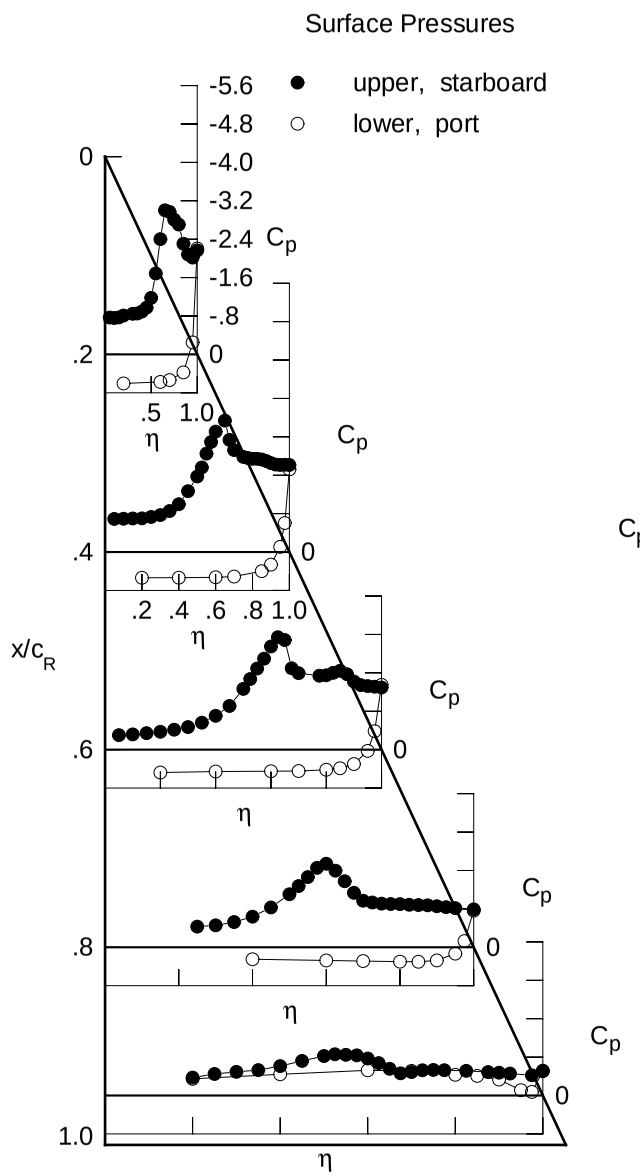
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-2.5339	*******
0.20	-2.2285	-2.1427
0.30	-2.0068	*******
0.40	-1.7227	-1.6311
0.50	-1.4384	*******
0.60	-1.2662	-1.2547
0.70	-1.1316	*******
0.80	-0.8142	-0.7884
0.90	*******	*******
0.95	-0.4670	-0.3849

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	-0.7680	-0.6894	-0.3014	*******	*******
0.100	-0.7586	-0.6937	-0.3180	*******	*******
0.150	-0.7708	-0.6992	-0.3432	*******	*******
0.200	-0.8096	-0.7018	-0.3721	*******	-0.3741
0.250	*******	-0.7305	-0.4155	-0.4302	-0.4485
0.300	-0.8455	-0.7705	-0.4708	-0.4576	-0.4931
0.350	-0.8522	-0.8542	-0.5615	-0.5253	-0.5300
0.400	-0.8931	-0.9961	-0.7047	-0.6378	-0.6126
0.450	-0.9733	-1.2678	-0.9100	-0.8298	-0.7210
0.500	-1.1773	-1.5736	-1.2660	-1.1052	-0.8221
0.525	*******	-1.7625	-1.4715	-1.2755	-0.8589
0.550	-1.6853	-2.0501	-1.6897	-1.4635	-0.8480
0.575	*******	-2.2925	-1.8956	-1.6549	-0.8369
0.600	-2.4019	-2.5087	-2.1485	-1.7405	-0.7711
0.625	*******	*******	-2.3418	-1.5962	-0.6755
0.650	-3.0016	-2.7374	-2.2835	-1.3762	-0.5570
0.675	*******	-2.3365	-1.6953	-1.1351	-0.4627
0.700	-2.9670	-2.1244	-1.5929	-0.9703	-0.4890
0.725	*******	*******	*******	-0.9328	-0.5258
0.750	-2.8062	-1.9816	*******	-0.9092	-0.5328
0.775	*******	-1.9580	-1.5398	-0.9019	-0.5274
0.800	-2.7051	-1.9420	-1.5490	-0.8999	*******
0.825	*******	-1.9425	-1.5998	-0.8860	-0.5141
0.850	-2.3057	-1.9281	-1.6431	-0.8801	*******
0.875	*******	-1.8956	-1.5711	-0.8746	-0.4885
0.900	-2.0815	-1.8525	-1.4202	-0.8550	-0.4755
0.925	*******	-1.8223	-1.3437	-0.8364	-0.4574
0.950	-2.0166	-1.8139	-1.3240	-0.8150	*******
0.975	*******	-1.8184	-1.3115	*******	-0.4209
1.000	-2.1673	-1.8139	-1.2938	-0.7895	-0.5169
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.6059	0.5357	0.4772	*******	-0.3474
-0.400	*******	0.5347	0.4561	0.2493	-0.4421
-0.600	0.5736	0.5268	0.4497	0.2743	-0.5248
-0.700	0.5352	0.5109	0.4458	0.2875	-0.5124
-0.800	*******	*******	0.4193	0.2991	-0.4322
-0.850	0.3751	0.3980	0.3877	0.3012	-0.4089
-0.900	*******	0.2615	0.3000	0.2735	-0.3320
-0.950	-0.2495	-0.1081	0.0254	0.1317	-0.1104
-0.975	*******	-0.6038	-0.3852	-0.1296	-0.0742
-1.000	-2.2066	-1.7220	-1.3499	-0.7635	-0.5064



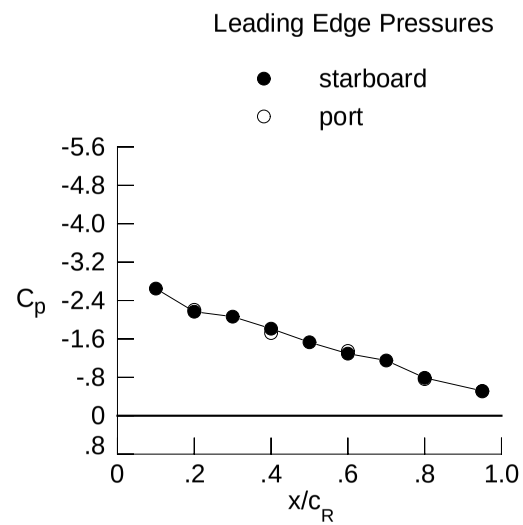
Large Radius L.E.

Run No. = 76 , Point No. = 1618

C_N = 1.242, C_m = -0.1545

α = 26.5 °, M_∞ = 0.600

R_{mac} = 59.7×10^6

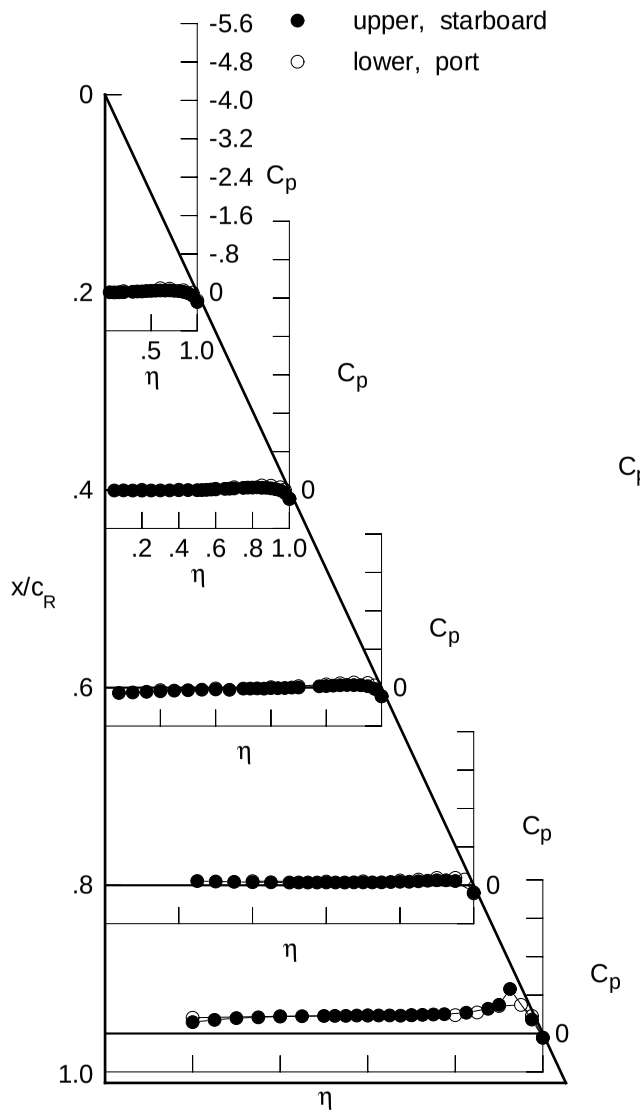


x/c_R	starb'd Cp	port Cp
0.10	-2.6488	*******
0.20	-2.1673	-2.2066
0.30	-2.0641	*******
0.40	-1.8139	-1.7220
0.50	-1.5305	*******
0.60	-1.2938	-1.3499
0.70	-1.1505	*******
0.80	-0.7895	-0.7635
0.90	*******	*******
0.95	-0.5169	-0.5064

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	-0.0024	0.0096	0.1101	*******	*******
0.100	0.0006	0.0072	0.1009	*******	*******
0.150	-0.0022	0.0104	0.0867	*******	*******
0.200	-0.0028	0.0111	0.0754	*******	-0.2366
0.250	*******	0.0096	0.0627	-0.0879	-0.2840
0.300	-0.0124	0.0079	0.0538	-0.0786	-0.3210
0.350	-0.0189	0.0069	0.0422	-0.0723	-0.3369
0.400	-0.0201	0.0043	0.0370	-0.0636	-0.3541
0.450	-0.0285	0.0009	0.0446	-0.0622	-0.3597
0.500	-0.0319	0.0032	0.0202	-0.0580	-0.3657
0.525	*******	-0.0001	0.0198	-0.0586	-0.3671
0.550	-0.0358	-0.0041	0.0164	-0.0576	-0.3680
0.575	*******	-0.0103	0.0207	-0.0577	-0.3745
0.600	-0.0403	-0.0133	0.0092	-0.0590	-0.3750
0.625	*******	*******	0.0115	-0.0585	-0.3754
0.650	-0.0384	-0.0245	0.0075	-0.0577	-0.3760
0.675	*******	-0.0282	-0.0015	-0.0607	-0.3710
0.700	-0.0415	-0.0336	-0.0031	-0.0606	-0.3794
0.725	*******	*******	*******	-0.0603	-0.3888
0.750	-0.0335	-0.0446	*******	-0.0610	-0.3957
0.775	*******	-0.0509	-0.0275	-0.0677	-0.4022
0.800	-0.0273	-0.0513	-0.0326	-0.0736	*******
0.825	*******	-0.0559	-0.0419	-0.0735	-0.4330
0.850	-0.0105	-0.0475	-0.0494	-0.0831	*******
0.875	*******	-0.0474	-0.0550	-0.0950	-0.5156
0.900	0.0171	-0.0352	-0.0530	-0.1047	-0.5973
0.925	*******	-0.0181	-0.0500	-0.1040	-0.9269
0.950	0.0666	0.0059	-0.0297	-0.0888	*******
0.975	*******	0.0583	0.0257	*******	-0.2902
1.000	0.2007	0.1863	0.1810	0.1496	0.0895
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0259	-0.0050	0.0523	*******	-0.3292
-0.400	*******	-0.0065	0.0165	-0.0854	-0.3592
-0.600	-0.0873	-0.0268	-0.0098	-0.0778	-0.3767
-0.700	-0.0780	-0.0574	-0.0311	-0.0824	-0.3838
-0.800	*******	*******	-0.0678	-0.1002	-0.3821
-0.850	-0.0442	-0.0951	-0.0901	-0.1195	-0.4381
-0.900	*******	-0.0903	-0.1073	-0.1540	-0.5725
-0.950	0.0051	-0.0581	-0.0978	-0.1540	-0.5963
-0.975	*******	-0.0065	-0.0470	-0.1193	-0.3672
-1.000	0.1670	0.1774	0.1794	0.1685	0.0845

Surface Pressures



Large Radius L.E.

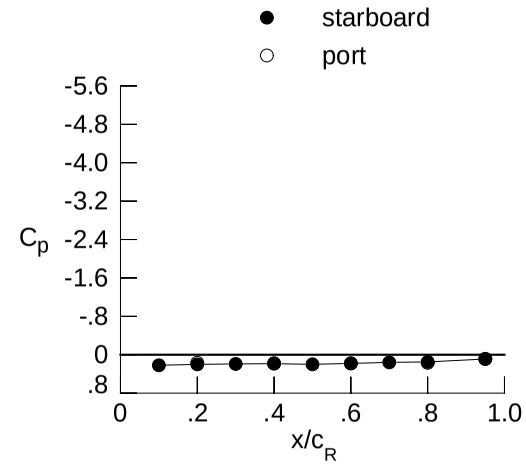
Run No. = 76 , Point No. = 1619

C_N = -0.025, C_m = 0.0042

α = -0.5 °, M_∞ = 0.601

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

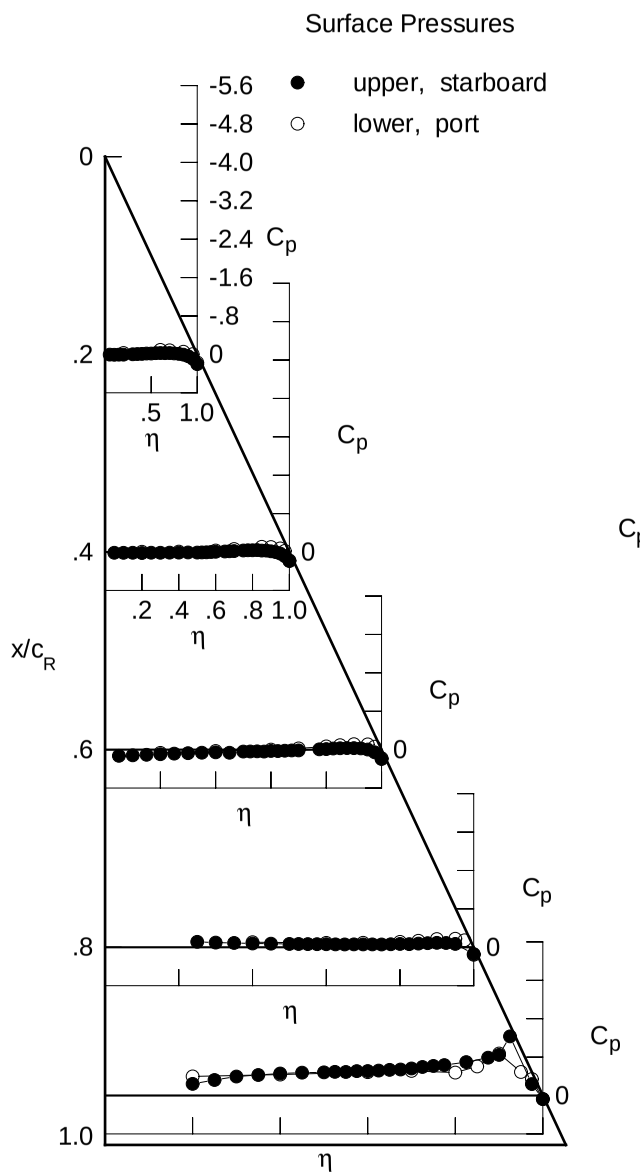
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2198	*******
0.20	0.2007	0.1670
0.30	0.1918	*******
0.40	0.1863	0.1774
0.50	0.2000	*******
0.60	0.1810	0.1794
0.70	0.1592	*******
0.80	0.1496	0.1685
0.90	*******	*******
0.95	0.0895	0.0845

Table E3. Tabulations and Plots of Surface Pressure Coefficients.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	0.0052	0.0155	0.1287	*******	*******
0.100	0.0083	0.0156	0.1187	*******	*******
0.150	0.0057	0.0150	0.1072	*******	*******
0.200	0.0054	0.0206	0.0955	*******	-0.2421
0.250	*******	0.0146	0.0829	-0.1139	-0.3235
0.300	-0.0023	0.0155	0.0738	-0.0972	-0.3954
0.350	-0.0072	0.0131	0.0643	-0.0901	-0.4273
0.400	-0.0101	0.0122	0.0563	-0.0791	-0.4586
0.450	-0.0173	0.0085	0.0649	-0.0750	-0.4758
0.500	-0.0177	0.0110	0.0401	-0.0694	-0.4826
0.525	*******	0.0077	0.0382	-0.0688	-0.4928
0.550	-0.0254	0.0054	0.0349	-0.0662	-0.4905
0.575	*******	-0.0006	0.0402	-0.0649	-0.5080
0.600	-0.0280	-0.0057	0.0275	-0.0643	-0.5100
0.625	*******	*******	0.0295	-0.0608	-0.5191
0.650	-0.0258	-0.0108	0.0224	-0.0593	-0.5342
0.675	*******	-0.0159	0.0170	-0.0612	-0.5419
0.700	-0.0282	-0.0203	0.0161	-0.0603	-0.5630
0.725	*******	*******	*******	-0.0596	-0.5947
0.750	-0.0202	-0.0324	*******	-0.0586	-0.6161
0.775	*******	-0.0364	-0.0063	-0.0635	-0.6335
0.800	-0.0116	-0.0366	-0.0113	-0.0695	*******
0.825	*******	-0.0412	-0.0231	-0.0660	-0.6960
0.850	0.0060	-0.0300	-0.0285	-0.0767	*******
0.875	*******	-0.0297	-0.0325	-0.0855	-0.7882
0.900	0.0368	-0.0154	-0.0314	-0.0927	-0.8459
0.925	*******	0.0011	-0.0254	-0.0899	-1.2321
0.950	0.0887	0.0309	-0.0023	-0.0707	*******
0.975	*******	0.0859	0.0555	*******	-0.2381
1.000	0.2035	0.1877	0.1954	0.1408	0.0746
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0289	-0.0053	0.0676	*******	-0.3976
-0.400	*******	-0.0084	0.0281	-0.1054	-0.4362
-0.600	-0.0940	-0.0311	-0.0008	-0.0919	-0.4867
-0.700	-0.0849	-0.0627	-0.0258	-0.0939	-0.5127
-0.800	*******	*******	-0.0668	-0.1128	-0.4778
-0.850	-0.0554	-0.1085	-0.0930	-0.1354	-0.6059
-0.900	*******	-0.1041	-0.1140	-0.1712	-0.8747
-0.950	-0.0047	-0.0754	-0.1099	-0.1774	-0.4908
-0.975	*******	-0.0230	-0.0620	-0.1455	-0.3430
-1.000	0.1688	0.1752	0.1784	0.1561	0.0737



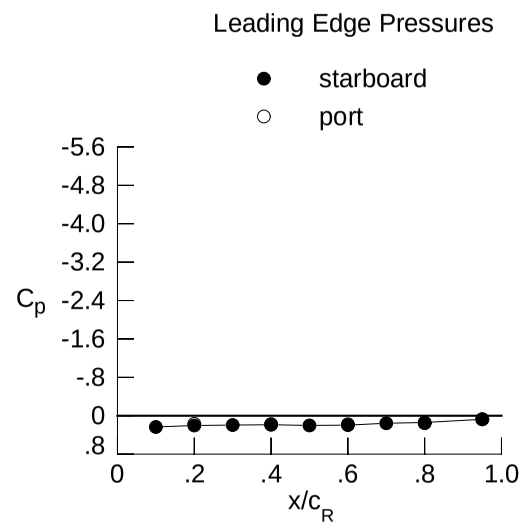
Large Radius L.E.

Run No. = 75 , Point No. = 1573

C_N = -0.040, C_m = 0.0078

α = -0.9 °, M_∞ = 0.798

$R_{mac} = 60.6 \times 10^6$

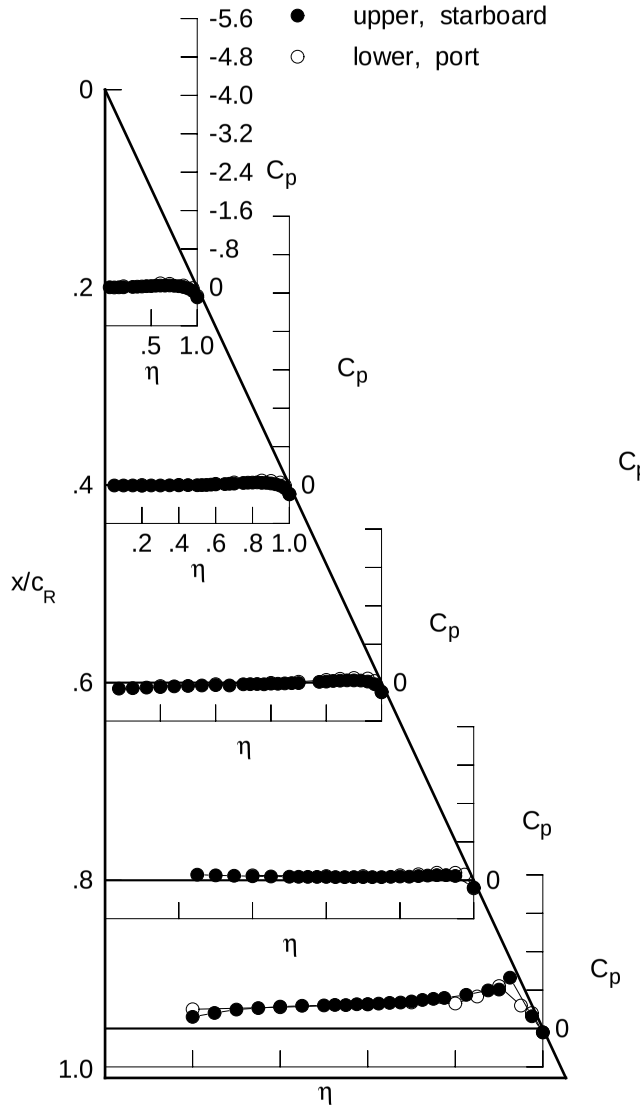


x/c_R	starb'd C_p	port C_p
0.10	0.2340	*******
0.20	0.2035	0.1688
0.30	0.1943	*******
0.40	0.1877	0.1752
0.50	0.2023	*******
0.60	0.1954	0.1784
0.70	0.1567	*******
0.80	0.1408	0.1561
0.90	*******	*******
0.95	0.0746	0.0737

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	-0.0028	0.0093	0.1245	*******	*******
0.100	0.0014	0.0097	0.1154	*******	*******
0.150	-0.0012	0.0087	0.1033	*******	*******
0.200	-0.0026	0.0151	0.0920	*******	-0.2424
0.250	*******	0.0088	0.0779	-0.1171	-0.3239
0.300	-0.0095	0.0098	0.0691	-0.1024	-0.3947
0.350	-0.0148	0.0066	0.0590	-0.0944	-0.4258
0.400	-0.0182	0.0062	0.0509	-0.0837	-0.4563
0.450	-0.0255	0.0018	0.0591	-0.0793	-0.4735
0.500	-0.0272	0.0039	0.0345	-0.0746	-0.4812
0.525	*******	0.0006	0.0322	-0.0731	-0.4909
0.550	-0.0350	-0.0019	0.0286	-0.0712	-0.4877
0.575	*******	-0.0081	0.0344	-0.0706	-0.5055
0.600	-0.0379	-0.0136	0.0206	-0.0703	-0.5081
0.625	*******	*******	0.0235	-0.0665	-0.5184
0.650	-0.0370	-0.0200	0.0157	-0.0655	-0.5335
0.675	*******	-0.0261	0.0100	-0.0668	-0.5408
0.700	-0.0396	-0.0299	0.0091	-0.0663	-0.5629
0.725	*******	*******	*******	-0.0659	-0.5955
0.750	-0.0334	-0.0434	*******	-0.0659	-0.6179
0.775	*******	-0.0487	-0.0161	-0.0718	-0.6371
0.800	-0.0252	-0.0503	-0.0213	-0.0785	*******
0.825	*******	-0.0555	-0.0354	-0.0751	-0.7015
0.850	-0.0081	-0.0453	-0.0411	-0.0871	*******
0.875	*******	-0.0455	-0.0473	-0.0983	-0.7936
0.900	0.0208	-0.0326	-0.0468	-0.1075	-0.8110
0.925	*******	-0.0169	-0.0433	-0.1068	-1.0590
0.950	0.0727	0.0115	-0.0226	-0.0901	*******
0.975	*******	0.0651	0.0329	*******	-0.2548
1.000	0.2083	0.1942	0.2027	0.1514	0.0815
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0230	-0.0005	0.0713	*******	-0.4007
-0.400	*******	-0.0034	0.0318	-0.1021	-0.4430
-0.600	-0.0842	-0.0247	0.0049	-0.0877	-0.5016
-0.700	-0.0741	-0.0538	-0.0185	-0.0884	-0.5426
-0.800	*******	*******	-0.0567	-0.1046	-0.5213
-0.850	-0.0390	-0.0933	-0.0798	-0.1250	-0.6671
-0.900	*******	-0.0858	-0.0969	-0.1565	-0.8838
-0.950	0.0142	-0.0523	-0.0858	-0.1556	-0.4785
-0.975	*******	0.0024	-0.0339	-0.1182	-0.3227
-1.000	0.1749	0.1828	0.1888	0.1675	0.0786

Surface Pressures



Large Radius L.E.

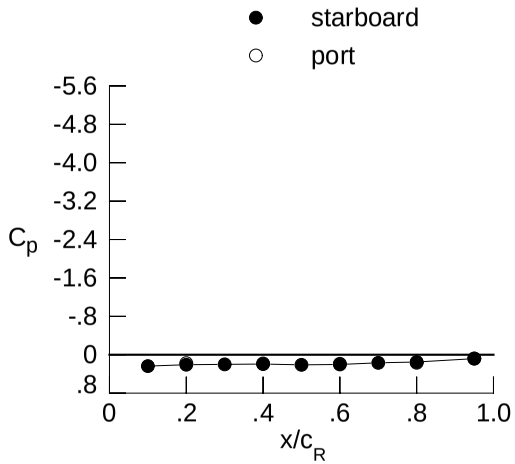
Run No. = 75 , Point No. = 1574

C_N = -0.026, C_m = 0.0058

α = -0.6 °, M_∞ = 0.799

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

Leading Edge Pressures

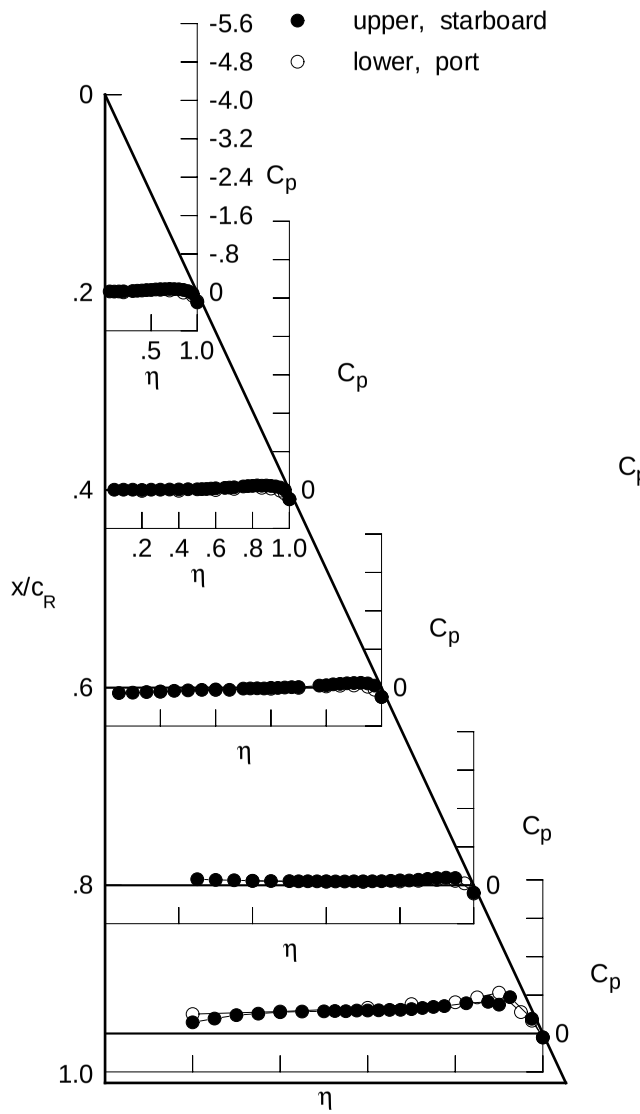


x/c_R	starb'd C_p	port C_p
0.10	0.2370	*******
0.20	0.2083	0.1749
0.30	0.2005	*******
0.40	0.1942	0.1828
0.50	0.2108	*******
0.60	0.2027	0.1888
0.70	0.1685	*******
0.80	0.1514	0.1675
0.90	*******	*******
0.95	0.0815	0.0786

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	-0.0198	-0.0064	0.1132	*******	*******
0.100	-0.0171	-0.0075	0.1046	*******	*******
0.150	-0.0194	-0.0069	0.0919	*******	*******
0.200	-0.0214	-0.0019	0.0804	*******	-0.2326
0.250	*******	-0.0073	0.0660	-0.1265	-0.3109
0.300	-0.0277	-0.0075	0.0570	-0.1120	-0.3821
0.350	-0.0344	-0.0106	0.0465	-0.1048	-0.4139
0.400	-0.0392	-0.0120	0.0376	-0.0942	-0.4443
0.450	-0.0483	-0.0169	0.0452	-0.0890	-0.4576
0.500	-0.0508	-0.0149	0.0204	-0.0861	-0.4612
0.525	*******	-0.0196	0.0172	-0.0834	-0.4685
0.550	-0.0609	-0.0217	0.0135	-0.0838	-0.4650
0.575	*******	-0.0295	0.0178	-0.0821	-0.4784
0.600	-0.0662	-0.0358	0.0036	-0.0837	-0.4791
0.625	*******	*******	0.0058	-0.0797	-0.4832
0.650	-0.0671	-0.0448	-0.0023	-0.0789	-0.4922
0.675	*******	-0.0515	-0.0092	-0.0828	-0.4935
0.700	-0.0721	-0.0571	-0.0116	-0.0825	-0.5084
0.725	*******	*******	*******	-0.0833	-0.5321
0.750	-0.0681	-0.0740	*******	-0.0849	-0.5536
0.775	*******	-0.0825	-0.0424	-0.0925	-0.5712
0.800	-0.0646	-0.0866	-0.0507	-0.1021	*******
0.825	*******	-0.0956	-0.0685	-0.0997	-0.6305
0.850	-0.0515	-0.0895	-0.0786	-0.1153	*******
0.875	*******	-0.0934	-0.0904	-0.1328	-0.6601
0.900	-0.0266	-0.0853	-0.0960	-0.1493	-0.6010
0.925	*******	-0.0754	-0.0998	-0.1585	-0.7568
0.950	0.0217	-0.0518	-0.0883	-0.1515	*******
0.975	*******	-0.0050	-0.0421	*******	-0.3074
1.000	0.2087	0.1935	0.1956	0.1539	0.0848
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0020	0.0182	0.0852	*******	-0.4046
-0.400	*******	0.0164	0.0476	-0.0903	-0.4577
-0.600	-0.0544	-0.0002	0.0241	-0.0730	-0.5351
-0.700	-0.0402	-0.0241	0.0046	-0.0699	-0.6121
-0.800	*******	*******	-0.0255	-0.0797	-0.6511
-0.850	0.0042	-0.0473	-0.0404	-0.0930	-0.7528
-0.900	*******	-0.0315	-0.0453	-0.1119	-0.8504
-0.950	0.0677	0.0131	-0.0189	-0.0914	-0.4463
-0.975	*******	0.0719	0.0430	-0.0405	-0.2669
-1.000	0.1829	0.1857	0.1927	0.1712	0.0774

Surface Pressures



Large Radius L.E.

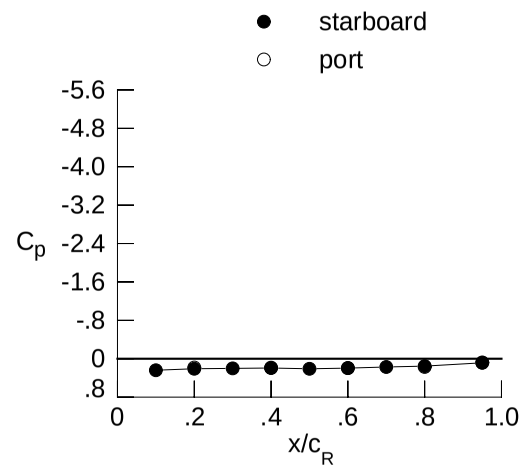
Run No. = 75 , Point No. = 1575

C_N = 0.012, C_m = 0.0008

α = 0.5 °, M_∞ = 0.799

R_{mac} = 60.4×10^6

Leading Edge Pressures

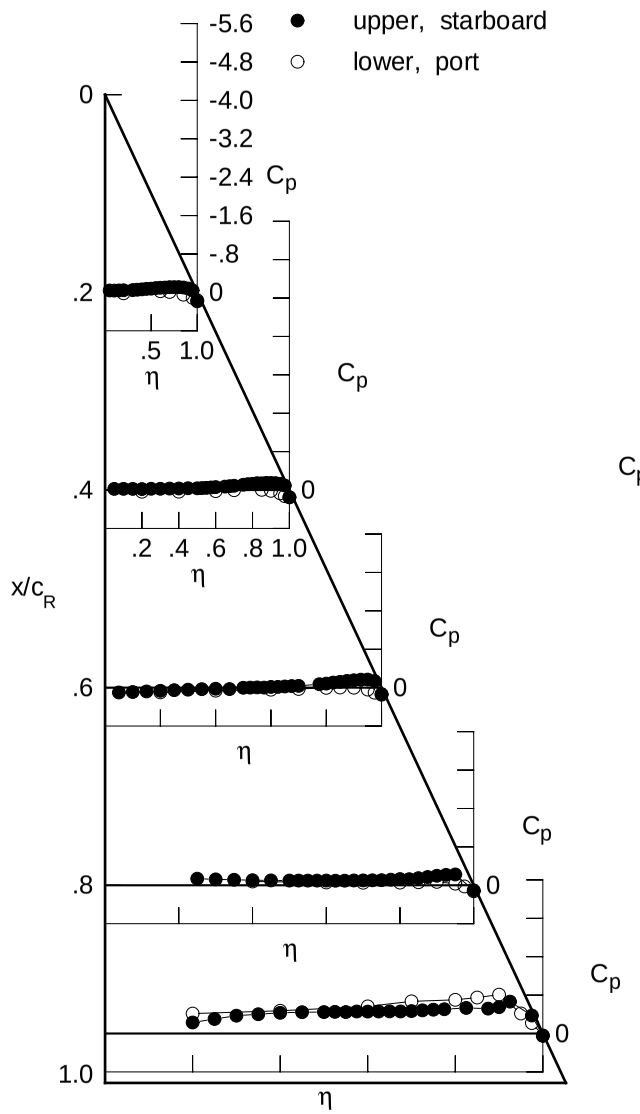


x/c_R	starb'd C_p	port C_p
0.10	0.2396	*******
0.20	0.2087	0.1829
0.30	0.2010	*******
0.40	0.1935	0.1857
0.50	0.2094	*******
0.60	0.1956	0.1927
0.70	0.1722	*******
0.80	0.1539	0.1712
0.90	*******	*******
0.95	0.0848	0.0774

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	-0.0402	-0.0243	0.1004	*******	*******
0.100	-0.0378	-0.0247	0.0913	*******	*******
0.150	-0.0408	-0.0242	0.0789	*******	*******
0.200	-0.0437	-0.0197	0.0667	*******	-0.2297
0.250	*******	-0.0261	0.0529	-0.1373	-0.3022
0.300	-0.0481	-0.0263	0.0424	-0.1230	-0.3709
0.350	-0.0561	-0.0303	0.0320	-0.1155	-0.4018
0.400	-0.0630	-0.0321	0.0220	-0.1055	-0.4310
0.450	-0.0733	-0.0377	0.0297	-0.1019	-0.4440
0.500	-0.0780	-0.0363	0.0020	-0.0986	-0.4460
0.525	*******	-0.0405	-0.0011	-0.0981	-0.4515
0.550	-0.0896	-0.0458	-0.0047	-0.0973	-0.4471
0.575	*******	-0.0537	-0.0009	-0.0976	-0.4585
0.600	-0.0967	-0.0609	-0.0155	-0.0983	-0.4566
0.625	*******	*******	-0.0157	-0.0952	-0.4586
0.650	-0.1009	-0.0714	-0.0242	-0.0958	-0.4611
0.675	*******	-0.0799	-0.0325	-0.0998	-0.4592
0.700	-0.1089	-0.0888	-0.0367	-0.1014	-0.4669
0.725	*******	*******	*******	-0.1041	-0.4822
0.750	-0.1085	-0.1104	*******	-0.1067	-0.4958
0.775	*******	-0.1224	-0.0714	-0.1170	-0.5058
0.800	-0.1093	-0.1297	-0.0842	-0.1298	*******
0.825	*******	-0.1426	-0.1055	-0.1269	-0.5329
0.850	-0.1013	-0.1398	-0.1214	-0.1484	*******
0.875	*******	-0.1487	-0.1398	-0.1726	-0.5180
0.900	-0.0820	-0.1463	-0.1539	-0.1983	-0.5485
0.925	*******	-0.1442	-0.1666	-0.2176	-0.6644
0.950	-0.0416	-0.1296	-0.1678	-0.2255	*******
0.975	*******	-0.0945	-0.1375	*******	-0.3740
1.000	0.1860	0.1495	0.1340	0.1053	0.0497
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0185	0.0347	0.0985	*******	-0.4150
-0.400	*******	0.0347	0.0625	-0.0788	-0.4738
-0.600	-0.0252	0.0225	0.0427	-0.0591	-0.5648
-0.700	-0.0085	0.0033	0.0271	-0.0533	-0.6699
-0.800	*******	*******	0.0040	-0.0563	-0.7015
-0.850	0.0475	-0.0047	-0.0036	-0.0633	-0.7492
-0.900	*******	0.0172	0.0004	-0.0708	-0.8098
-0.950	0.1138	0.0691	0.0397	-0.0346	-0.4173
-0.975	*******	0.1273	0.1047	0.0238	-0.2180
-1.000	0.1650	0.1513	0.1469	0.1245	0.0401

Surface Pressures



Large Radius L.E.

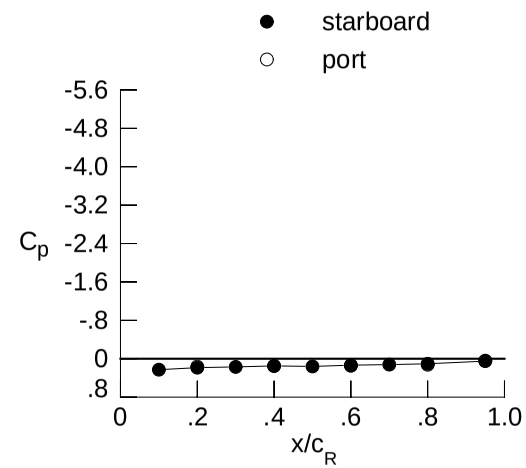
Run No. = 75 , Point No. = 1576

C_N = 0.053, C_m = -0.0051

α = 1.6 °, M_∞ = 0.799

R_{mac} = 60.5×10^6

Leading Edge Pressures

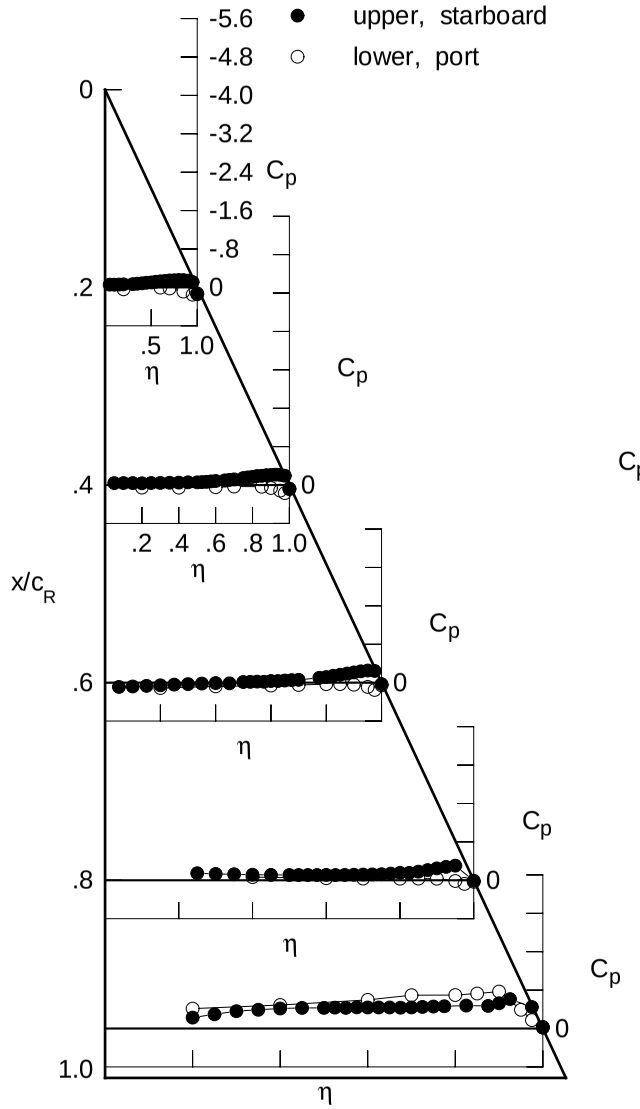


x/c_R	starb'd C_p	port C_p
0.10	0.2282	*******
0.20	0.1860	0.1650
0.30	0.1703	*******
0.40	0.1495	0.1513
0.50	0.1606	*******
0.60	0.1340	0.1469
0.70	0.1224	*******
0.80	0.1053	0.1245
0.90	*******	*******
0.95	0.0497	0.0401

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	-0.0580	-0.0401	0.0892	*******	*******
0.100	-0.0560	-0.0412	0.0802	*******	*******
0.150	-0.0591	-0.0408	0.0673	*******	*******
0.200	-0.0633	-0.0361	0.0555	*******	-0.2275
0.250	*******	-0.0428	0.0407	-0.1468	-0.2962
0.300	-0.0673	-0.0436	0.0308	-0.1318	-0.3607
0.350	-0.0768	-0.0477	0.0189	-0.1257	-0.3907
0.400	-0.0848	-0.0501	0.0090	-0.1158	-0.4168
0.450	-0.0967	-0.0565	0.0144	-0.1124	-0.4290
0.500	-0.1023	-0.0567	-0.0128	-0.1097	-0.4296
0.525	*******	-0.0610	-0.0163	-0.1097	-0.4355
0.550	-0.1166	-0.0667	-0.0215	-0.1094	-0.4305
0.575	*******	-0.0757	-0.0178	-0.1098	-0.4406
0.600	-0.1266	-0.0841	-0.0340	-0.1121	-0.4388
0.625	*******	*******	-0.0336	-0.1097	-0.4382
0.650	-0.1333	-0.0972	-0.0443	-0.1108	-0.4388
0.675	*******	-0.1075	-0.0529	-0.1160	-0.4336
0.700	-0.1445	-0.1173	-0.0581	-0.1188	-0.4387
0.725	*******	*******	*******	-0.1222	-0.4496
0.750	-0.1477	-0.1454	*******	-0.1267	-0.4572
0.775	*******	-0.1594	-0.1006	-0.1392	-0.4633
0.800	-0.1538	-0.1707	-0.1162	-0.1559	*******
0.825	*******	-0.1884	-0.1421	-0.1539	-0.4776
0.850	-0.1521	-0.1910	-0.1642	-0.1797	*******
0.875	*******	-0.2053	-0.1895	-0.2127	-0.4702
0.900	-0.1397	-0.2090	-0.2129	-0.2478	-0.5253
0.925	*******	-0.2160	-0.2356	-0.2795	-0.6127
0.950	-0.1101	-0.2123	-0.2530	-0.3045	*******
0.975	*******	-0.1944	-0.2440	*******	-0.4471
1.000	0.1443	0.0735	0.0307	0.0091	-0.0164
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0400	0.0531	0.1117	*******	-0.4144
-0.400	*******	0.0543	0.0778	-0.0663	-0.4893
-0.600	0.0038	0.0455	0.0602	-0.0433	-0.5962
-0.700	0.0215	0.0308	0.0489	-0.0364	-0.6937
-0.800	*******	*******	0.0320	-0.0329	-0.6969
-0.850	0.0860	0.0350	0.0304	-0.0352	-0.7289
-0.900	*******	0.0619	0.0427	-0.0328	-0.7693
-0.950	0.1518	0.1167	0.0890	0.0148	-0.3895
-0.975	*******	0.1683	0.1518	0.0751	-0.1750
-1.000	0.1256	0.0859	0.0569	0.0319	-0.0335

Surface Pressures



Large Radius L.E.

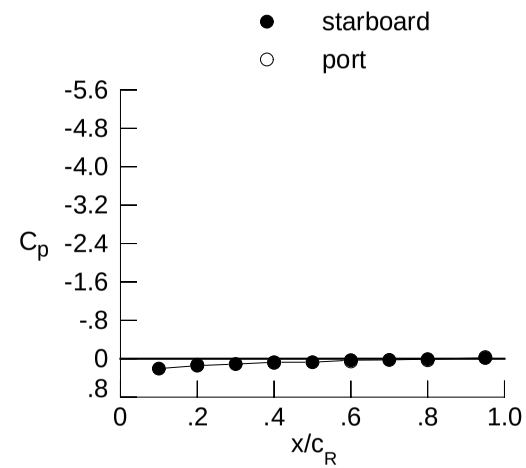
Run No. = 75 , Point No. = 1577

C_N = 0.093, C_m = -0.0115

α = 2.6 °, M_∞ = 0.798

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

Leading Edge Pressures

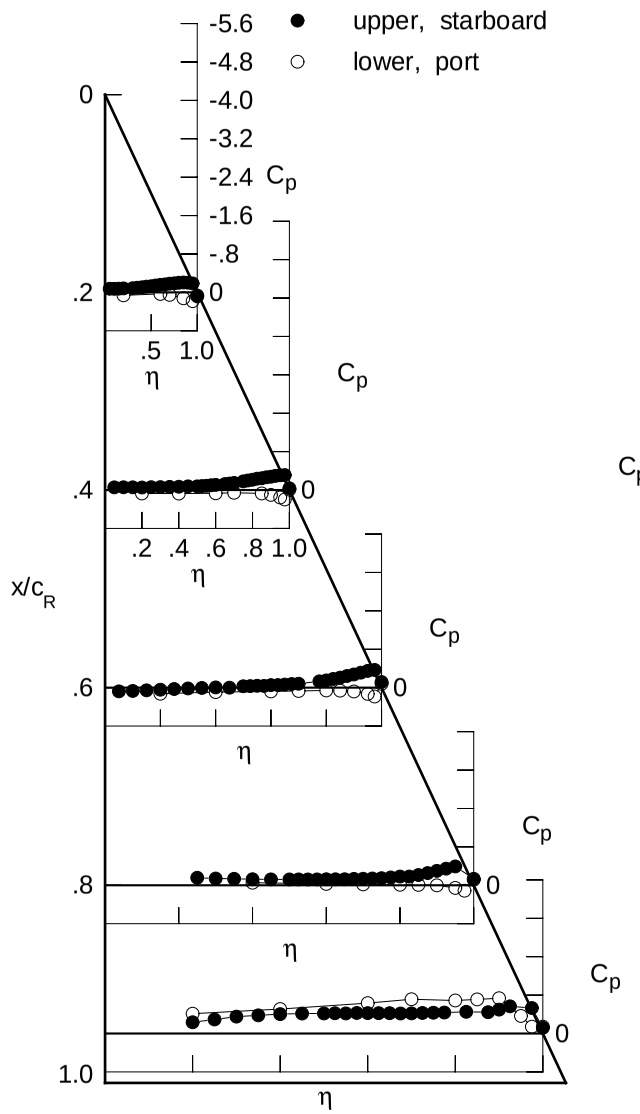


x/c_R	starb'd C_p	port C_p
0.10	0.2058	*******
0.20	0.1443	0.1256
0.30	0.1113	*******
0.40	0.0735	0.0859
0.50	0.0725	*******
0.60	0.0307	0.0569
0.70	0.0250	*******
0.80	0.0091	0.0319
0.90	*******	*******
0.95	-0.0164	-0.0335

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	-0.0759	-0.0558	0.0776	*******	*******
0.100	-0.0746	-0.0576	0.0685	*******	*******
0.150	-0.0779	-0.0570	0.0559	*******	*******
0.200	-0.0828	-0.0529	0.0432	*******	-0.2341
0.250	*******	-0.0594	0.0285	-0.1567	-0.2925
0.300	-0.0867	-0.0611	0.0171	-0.1410	-0.3517
0.350	-0.0976	-0.0661	0.0063	-0.1355	-0.3782
0.400	-0.1068	-0.0685	-0.0045	-0.1263	-0.4039
0.450	-0.1201	-0.0767	0.0008	-0.1232	-0.4160
0.500	-0.1282	-0.0770	-0.0288	-0.1214	-0.4176
0.525	*******	-0.0824	-0.0322	-0.1220	-0.4228
0.550	-0.1440	-0.0890	-0.0388	-0.1218	-0.4185
0.575	*******	-0.0996	-0.0360	-0.1228	-0.4280
0.600	-0.1566	-0.1083	-0.0530	-0.1258	-0.4249
0.625	*******	*******	-0.0535	-0.1247	-0.4242
0.650	-0.1663	-0.1237	-0.0640	-0.1258	-0.4233
0.675	*******	-0.1355	-0.0750	-0.1332	-0.4165
0.700	-0.1812	-0.1482	-0.0812	-0.1362	-0.4195
0.725	*******	*******	*******	-0.1416	-0.4279
0.750	-0.1890	-0.1809	*******	-0.1481	-0.4328
0.775	*******	-0.1989	-0.1315	-0.1630	-0.4365
0.800	-0.2007	-0.2148	-0.1505	-0.1820	*******
0.825	*******	-0.2369	-0.1810	-0.1826	-0.4519
0.850	-0.2064	-0.2455	-0.2092	-0.2137	*******
0.875	*******	-0.2658	-0.2424	-0.2545	-0.4441
0.900	-0.2027	-0.2778	-0.2747	-0.3006	-0.4974
0.925	*******	-0.2961	-0.3122	-0.3465	-0.5667
0.950	-0.1873	-0.3068	-0.3487	-0.3925	*******
0.975	*******	-0.3110	-0.3686	*******	-0.5314
1.000	0.0816	-0.0376	-0.1171	-0.1353	-0.1184
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0609	0.0713	0.1262	*******	-0.4131
-0.400	*******	0.0735	0.0928	-0.0538	-0.5095
-0.600	0.0317	0.0680	0.0783	-0.0290	-0.6332
-0.700	0.0510	0.0565	0.0692	-0.0191	-0.7138
-0.800	*******	*******	0.0586	-0.0110	-0.6877
-0.850	0.1227	0.0711	0.0620	-0.0090	-0.7101
-0.900	*******	0.1013	0.0797	0.0007	-0.7349
-0.950	0.1827	0.1548	0.1293	0.0552	-0.3659
-0.975	*******	0.1960	0.1849	0.1127	-0.1415
-1.000	0.0646	-0.0079	-0.0785	-0.1145	-0.1434

Surface Pressures



Large Radius L.E.

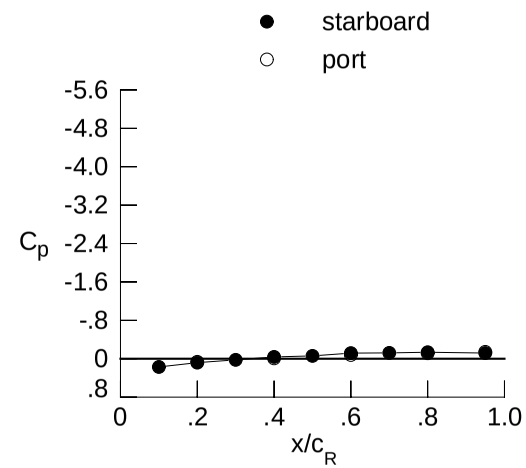
Run No. = 75 , Point No. = 1578

C_N = 0.134, C_m = -0.0182

α = 3.7 °, M_∞ = 0.798

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

Leading Edge Pressures

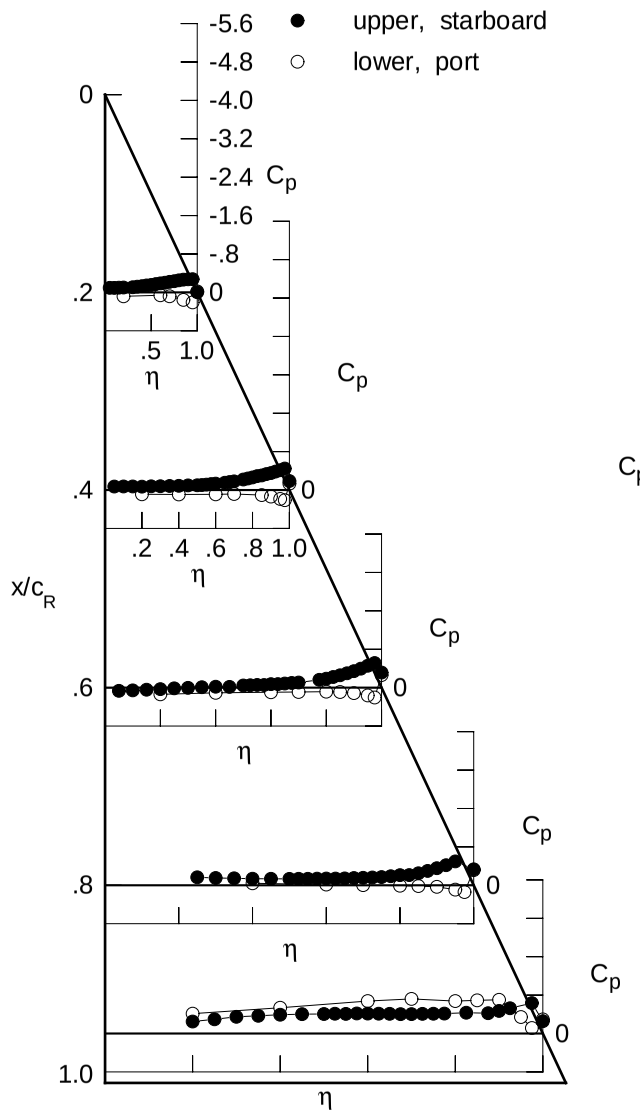


x/c_R	starb'd C_p	port C_p
0.10	0.1713	*******
0.20	0.0816	0.0646
0.30	0.0236	*******
0.40	-0.0376	-0.0079
0.50	-0.0590	*******
0.60	-0.1171	-0.0785
0.70	-0.1216	*******
0.80	-0.1353	-0.1145
0.90	*******	*******
0.95	-0.1184	-0.1434

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	-0.0949	-0.0730	0.0663	*******	*******
0.100	-0.0938	-0.0742	0.0568	*******	*******
0.150	-0.0980	-0.0744	0.0435	*******	*******
0.200	-0.1019	-0.0705	0.0311	*******	-0.2496
0.250	*******	-0.0777	0.0144	-0.1664	-0.2961
0.300	-0.1073	-0.0794	0.0042	-0.1522	-0.3484
0.350	-0.1190	-0.0846	-0.0089	-0.1455	-0.3687
0.400	-0.1298	-0.0881	-0.0193	-0.1370	-0.3915
0.450	-0.1446	-0.0968	-0.0157	-0.1349	-0.4029
0.500	-0.1547	-0.0989	-0.0448	-0.1337	-0.4067
0.525	*******	-0.1043	-0.0496	-0.1351	-0.4121
0.550	-0.1728	-0.1126	-0.0563	-0.1351	-0.4085
0.575	*******	-0.1238	-0.0544	-0.1381	-0.4177
0.600	-0.1877	-0.1334	-0.0728	-0.1408	-0.4151
0.625	*******	*******	-0.0737	-0.1403	-0.4129
0.650	-0.2018	-0.1523	-0.0858	-0.1434	-0.4107
0.675	*******	-0.1664	-0.0979	-0.1509	-0.4031
0.700	-0.2201	-0.1808	-0.1062	-0.1556	-0.4037
0.725	*******	*******	*******	-0.1626	-0.4094
0.750	-0.2331	-0.2194	*******	-0.1711	-0.4124
0.775	*******	-0.2411	-0.1630	-0.1888	-0.4150
0.800	-0.2511	-0.2621	-0.1864	-0.2112	*******
0.825	*******	-0.2896	-0.2219	-0.2128	-0.4327
0.850	-0.2654	-0.3036	-0.2573	-0.2504	*******
0.875	*******	-0.3323	-0.2993	-0.2992	-0.4229
0.900	-0.2729	-0.3534	-0.3432	-0.3558	-0.4701
0.925	*******	-0.3849	-0.3956	-0.4183	-0.5260
0.950	-0.2749	-0.4124	-0.4559	-0.4975	*******
0.975	*******	-0.4478	-0.5130	*******	-0.6335
1.000	-0.0036	-0.1883	-0.3141	-0.3325	-0.2570
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.0817	0.0884	0.1395	*******	-0.4138
-0.400	*******	0.0923	0.1080	-0.0419	-0.5364
-0.600	0.0597	0.0897	0.0958	-0.0151	-0.6763
-0.700	0.0806	0.0828	0.0906	-0.0028	-0.7208
-0.800	*******	*******	0.0841	0.0089	-0.6756
-0.850	0.1563	0.1049	0.0916	0.0164	-0.6914
-0.900	*******	0.1361	0.1138	0.0322	-0.7025
-0.950	0.2078	0.1855	0.1622	0.0906	-0.3433
-0.975	*******	0.2114	0.2055	0.1407	-0.1148
-1.000	-0.0207	-0.1330	-0.2615	-0.3159	-0.2942

Surface Pressures



Large Radius L.E.

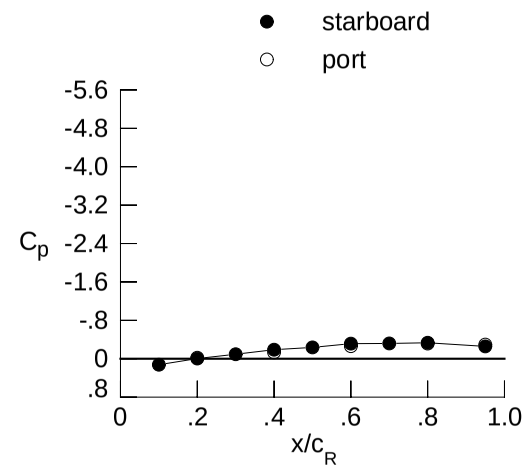
Run No. = 75 , Point No. = 1579

C_N = 0.175, C_m = -0.0243

α = 4.7 °, M_∞ = 0.799

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

Leading Edge Pressures

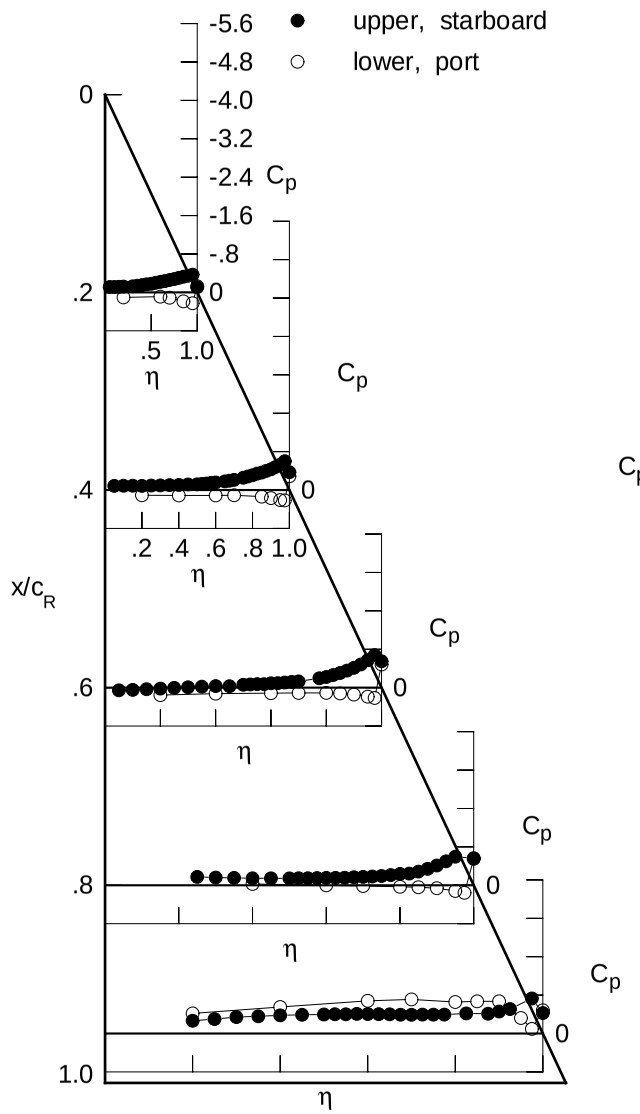


x/c_R	starb'd Cp	port Cp
0.10	0.1248	*******
0.20	-0.0036	-0.0207
0.30	-0.0936	*******
0.40	-0.1883	-0.1330
0.50	-0.2358	*******
0.60	-0.3141	-0.2615
0.70	-0.3182	*******
0.80	-0.3325	-0.3159
0.90	*******	*******
0.95	-0.2570	-0.2942

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	-0.1124	-0.0873	0.0558	*******	*******
0.100	-0.1118	-0.0895	0.0463	*******	*******
0.150	-0.1158	-0.0901	0.0330	*******	*******
0.200	-0.1209	-0.0863	0.0200	*******	-0.2653
0.250	*******	-0.0936	0.0038	-0.1752	-0.3007
0.300	-0.1261	-0.0959	-0.0081	-0.1605	-0.3428
0.350	-0.1391	-0.1026	-0.0207	-0.1545	-0.3587
0.400	-0.1516	-0.1059	-0.0330	-0.1459	-0.3785
0.450	-0.1678	-0.1157	-0.0298	-0.1452	-0.3900
0.500	-0.1794	-0.1192	-0.0602	-0.1443	-0.3961
0.525	*******	-0.1257	-0.0661	-0.1465	-0.4019
0.550	-0.2002	-0.1350	-0.0732	-0.1472	-0.3997
0.575	*******	-0.1476	-0.0721	-0.1503	-0.4087
0.600	-0.2190	-0.1579	-0.0912	-0.1543	-0.4058
0.625	*******	*******	-0.0934	-0.1545	-0.4031
0.650	-0.2362	-0.1798	-0.1065	-0.1579	-0.3998
0.675	*******	-0.1947	-0.1202	-0.1673	-0.3913
0.700	-0.2586	-0.2120	-0.1302	-0.1750	-0.3899
0.725	*******	*******	*******	-0.1830	-0.3933
0.750	-0.2777	-0.2563	*******	-0.1940	-0.3927
0.775	*******	-0.2823	-0.1954	-0.2131	-0.3935
0.800	-0.3025	-0.3078	-0.2215	-0.2370	*******
0.825	*******	-0.3416	-0.2622	-0.2441	-0.4183
0.850	-0.3266	-0.3637	-0.3046	-0.2851	*******
0.875	*******	-0.3993	-0.3553	-0.3420	-0.4116
0.900	-0.3462	-0.4319	-0.4130	-0.4117	-0.4579
0.925	*******	-0.4799	-0.4828	-0.4994	-0.5094
0.950	-0.3695	-0.5287	-0.5709	-0.5952	*******
0.975	*******	-0.6009	-0.6785	*******	-0.7306
1.000	-0.1077	-0.3711	-0.5497	-0.5645	-0.4266
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1046	0.1089	0.1553	*******	-0.4182
-0.400	*******	0.1130	0.1248	-0.0274	-0.5524
-0.600	0.0886	0.1127	0.1151	0.0006	-0.6808
-0.700	0.1103	0.1089	0.1104	0.0151	-0.7101
-0.800	*******	*******	0.1091	0.0303	-0.6559
-0.850	0.1871	0.1372	0.1200	0.0406	-0.6701
-0.900	*******	0.1684	0.1440	0.0608	-0.6711
-0.950	0.2262	0.2089	0.1880	0.1183	-0.3235
-0.975	*******	0.2163	0.2148	0.1564	-0.0955
-1.000	-0.1284	-0.2864	-0.4827	-0.5504	-0.4836

Surface Pressures



Large Radius L.E.

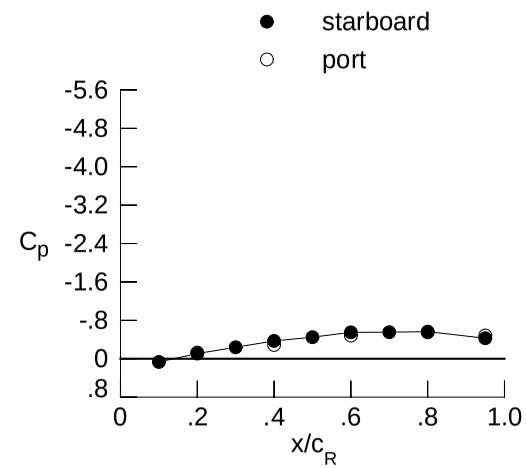
Run No. = 75 , Point No. = 1580

C_N = 0.217, C_m = -0.0304

α = 5.8 °, M_∞ = 0.799

R_{mac} = 60.2×10^6

Leading Edge Pressures

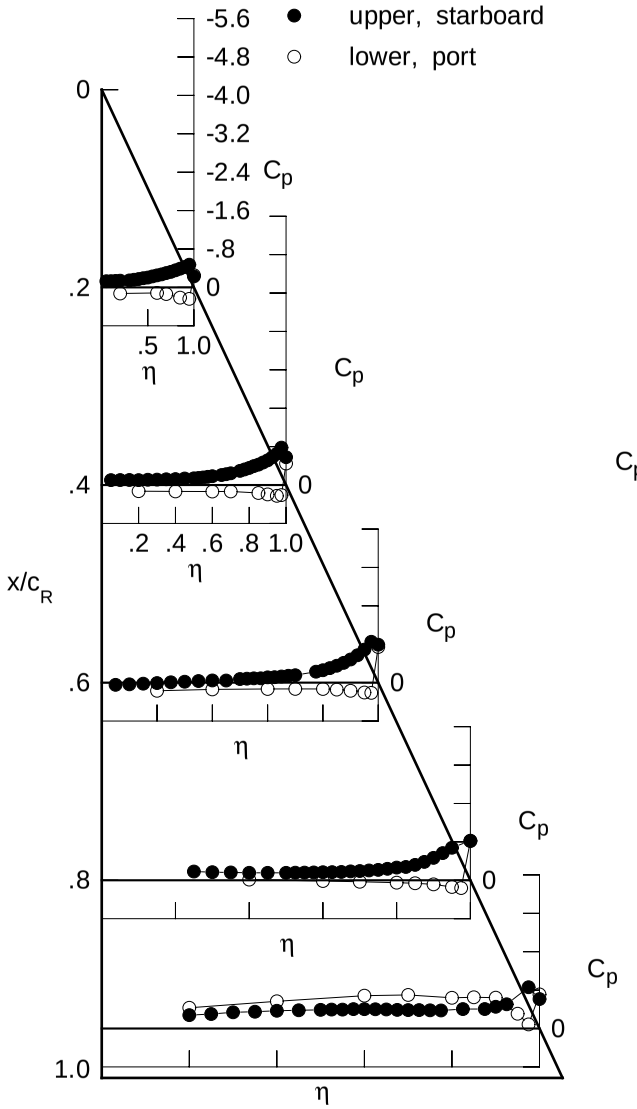


x/c_R	starb'd C_p	port C_p
0.10	0.0673	*******
0.20	-0.1077	-0.1284
0.30	-0.2387	*******
0.40	-0.3711	-0.2864
0.50	-0.4489	*******
0.60	-0.5497	-0.4827
0.70	-0.5526	*******
0.80	-0.5645	-0.5504
0.90	*******	*******
0.95	-0.4266	-0.4836

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	-0.1291	-0.1028	0.0453	*******	*******
0.100	-0.1295	-0.1044	0.0352	*******	*******
0.150	-0.1343	-0.1059	0.0218	*******	*******
0.200	-0.1401	-0.1021	0.0088	*******	-0.2785
0.250	*******	-0.1104	-0.0074	-0.1826	-0.3018
0.300	-0.1455	-0.1126	-0.0193	-0.1685	-0.3375
0.350	-0.1594	-0.1203	-0.0336	-0.1634	-0.3499
0.400	-0.1738	-0.1242	-0.0460	-0.1558	-0.3698
0.450	-0.1915	-0.1359	-0.0439	-0.1555	-0.3802
0.500	-0.2050	-0.1398	-0.0750	-0.1554	-0.3885
0.525	*******	-0.1469	-0.0820	-0.1582	-0.3943
0.550	-0.2285	-0.1575	-0.0896	-0.1598	-0.3939
0.575	*******	-0.1711	-0.0907	-0.1628	-0.4042
0.600	-0.2501	-0.1839	-0.1100	-0.1681	-0.4028
0.625	*******	*******	-0.1134	-0.1693	-0.4011
0.650	-0.2713	-0.2080	-0.1278	-0.1735	-0.3972
0.675	*******	-0.2254	-0.1435	-0.1856	-0.3882
0.700	-0.2983	-0.2445	-0.1547	-0.1932	-0.3844
0.725	*******	*******	*******	-0.2048	-0.3844
0.750	-0.3228	-0.2950	*******	-0.2170	-0.3790
0.775	*******	-0.3247	-0.2281	-0.2394	-0.3757
0.800	-0.3559	-0.3559	-0.2588	-0.2647	*******
0.825	*******	-0.3948	-0.3025	-0.2776	-0.4051
0.850	-0.3898	-0.4246	-0.3519	-0.3208	*******
0.875	*******	-0.4691	-0.4123	-0.3833	-0.4059
0.900	-0.4241	-0.5143	-0.4828	-0.4672	-0.4528
0.925	*******	-0.5788	-0.5708	-0.5664	-0.5050
0.950	-0.4729	-0.6515	-0.6880	-0.6775	*******
0.975	*******	-0.7789	-0.8515	*******	-0.8599
1.000	-0.2298	-0.5802	-0.7901	-0.8251	-0.6135
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.1272	0.1283	0.1695	*******	-0.4316
-0.400	*******	0.1330	0.1410	-0.0143	-0.5668
-0.600	0.1156	0.1354	0.1318	0.0153	-0.6838
-0.700	0.1380	0.1336	0.1306	0.0305	-0.6994
-0.800	*******	*******	0.1318	0.0500	-0.6399
-0.850	0.2139	0.1657	0.1449	0.0618	-0.6506
-0.900	*******	0.1951	0.1699	0.0852	-0.6426
-0.950	0.2391	0.2246	0.2057	0.1392	-0.3081
-0.975	*******	0.2098	0.2125	0.1615	-0.0854
-1.000	-0.2548	-0.4484	-0.7422	-0.8167	-0.7107

Surface Pressures



Large Radius L.E.

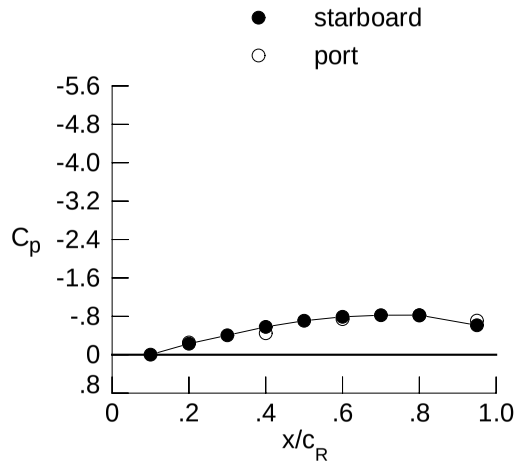
Run No. = 75 , Point No. = 1581

C_N = 0.257, C_m = -0.0364

α = 6.8 °, M_∞ = 0.798

R_{mac} = 60.1×10^6

Leading Edge Pressures

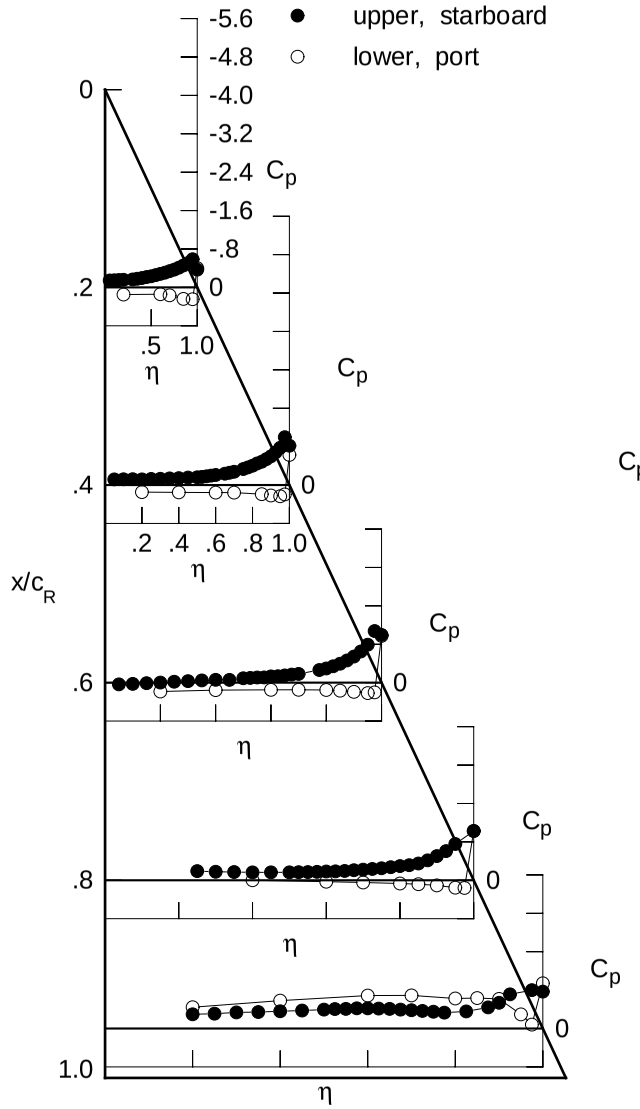


x/c_R	starb'd Cp	port Cp
0.10	-0.0018	*******
0.20	-0.2298	-0.2548
0.30	-0.4050	*******
0.40	-0.5802	-0.4484
0.50	-0.7081	*******
0.60	-0.7901	-0.7422
0.70	-0.8234	*******
0.80	-0.8251	-0.8167
0.90	*******	*******
0.95	-0.6135	-0.7107

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	-0.1449	-0.1172	0.0360	*******	*******
0.100	-0.1477	-0.1202	0.0254	*******	*******
0.150	-0.1533	-0.1214	0.0113	*******	*******
0.200	-0.1582	-0.1174	-0.0017	*******	-0.2959
0.250	*******	-0.1269	-0.0189	-0.1908	-0.3086
0.300	-0.1653	-0.1303	-0.0315	-0.1774	-0.3350
0.350	-0.1799	-0.1383	-0.0461	-0.1723	-0.3435
0.400	-0.1953	-0.1438	-0.0594	-0.1651	-0.3593
0.450	-0.2150	-0.1559	-0.0579	-0.1656	-0.3747
0.500	-0.2310	-0.1614	-0.0915	-0.1659	-0.3935
0.525	*******	-0.1688	-0.0986	-0.1688	-0.4054
0.550	-0.2564	-0.1812	-0.1070	-0.1715	-0.4085
0.575	*******	-0.1957	-0.1086	-0.1757	-0.4212
0.600	-0.2818	-0.2093	-0.1302	-0.1835	-0.4197
0.625	*******	*******	-0.1336	-0.1865	-0.4151
0.650	-0.3063	-0.2360	-0.1507	-0.1944	-0.4092
0.675	*******	-0.2558	-0.1681	-0.2096	-0.3938
0.700	-0.3386	-0.2770	-0.1819	-0.2213	-0.3809
0.725	*******	*******	*******	-0.2357	-0.3663
0.750	-0.3693	-0.3335	*******	-0.2504	-0.3493
0.775	*******	-0.3673	-0.2630	-0.2730	-0.3304
0.800	-0.4106	-0.4027	-0.2948	-0.2958	*******
0.825	*******	-0.4495	-0.3405	-0.3140	-0.3557
0.850	-0.4570	-0.4857	-0.3947	-0.3499	*******
0.875	*******	-0.5395	-0.4624	-0.4148	-0.4398
0.900	-0.5073	-0.5984	-0.5432	-0.5037	-0.5362
0.925	*******	-0.6806	-0.6493	-0.6082	-0.7123
0.950	-0.5866	-0.7764	-0.7903	-0.7557	*******
0.975	*******	-0.9970	-1.0749	*******	-0.7989
1.000	-0.3698	-0.8194	-0.9940	-1.0256	-0.7691
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1488	0.1476	0.1851	*******	-0.4433
-0.400	*******	0.1530	0.1560	-0.0007	-0.5806
-0.600	0.1425	0.1572	0.1495	0.0292	-0.6867
-0.700	0.1650	0.1572	0.1490	0.0459	-0.6897
-0.800	*******	*******	0.1530	0.0673	-0.6255
-0.850	0.2403	0.1908	0.1675	0.0812	-0.6348
-0.900	*******	0.2179	0.1918	0.1062	-0.6169
-0.950	0.2463	0.2338	0.2172	0.1540	-0.2943
-0.975	*******	0.1949	0.2021	0.1590	-0.0820
-1.000	-0.4018	-0.6273	-0.9739	-1.0282	-0.9424

Surface Pressures



Large Radius L.E.

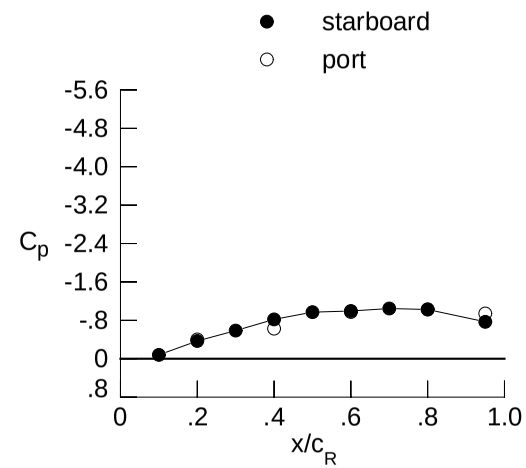
Run No. = 75 , Point No. = 1582

C_N = 0.301, C_m = -0.0438

α = 7.9 °, M_∞ = 0.799

R_{mac} = 60.2×10^6

Leading Edge Pressures

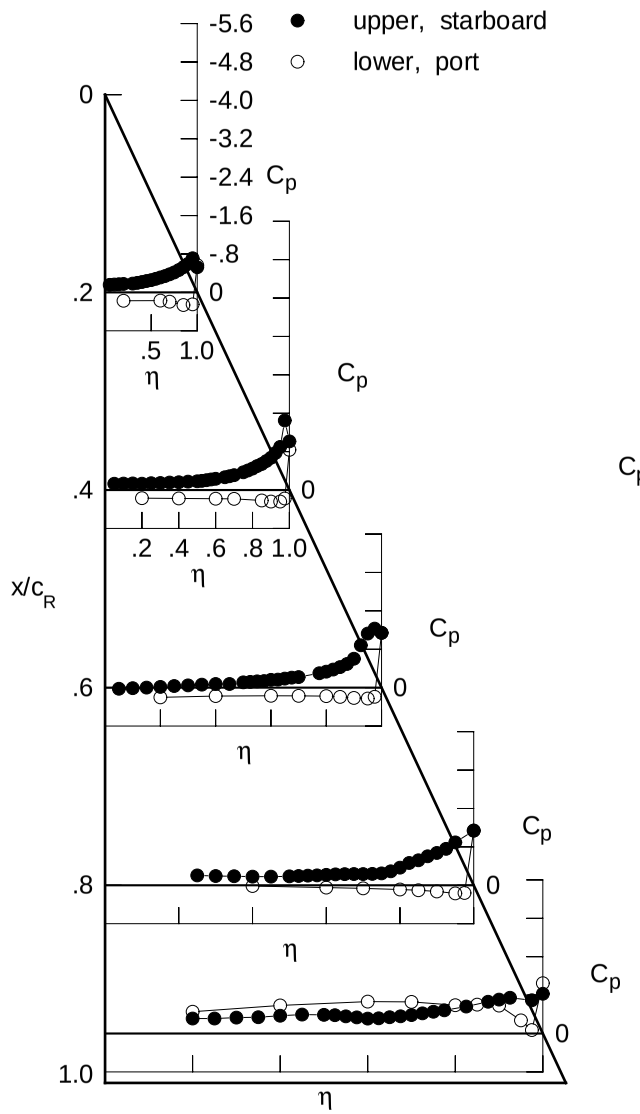


x/c_R	starb'd C_p	port C_p
0.10	-0.0803	*******
0.20	-0.3698	-0.4018
0.30	-0.5860	*******
0.40	-0.8194	-0.6273
0.50	-0.9706	*******
0.60	-0.9940	-0.9739
0.70	-1.0462	*******
0.80	-1.0256	-1.0282
0.90	*******	*******
0.95	-0.7691	-0.9424

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	-0.1579	-0.1311	0.0235	*******	*******
0.100	-0.1638	-0.1346	0.0115	*******	*******
0.150	-0.1706	-0.1377	-0.0012	*******	*******
0.200	-0.1759	-0.1324	-0.0156	*******	-0.3117
0.250	*******	-0.1425	-0.0335	-0.2058	-0.3118
0.300	-0.1836	-0.1465	-0.0469	-0.1926	-0.3313
0.350	-0.1986	-0.1556	-0.0623	-0.1884	-0.3390
0.400	-0.2162	-0.1621	-0.0762	-0.1804	-0.3705
0.450	-0.2369	-0.1751	-0.0761	-0.1802	-0.3941
0.500	-0.2551	-0.1827	-0.1103	-0.1864	-0.3886
0.525	*******	-0.1912	-0.1204	-0.1934	-0.3815
0.550	-0.2828	-0.2044	-0.1313	-0.2007	-0.3579
0.575	*******	-0.2200	-0.1368	-0.2065	-0.3356
0.600	-0.3115	-0.2346	-0.1624	-0.2178	-0.3106
0.625	*******	*******	-0.1676	-0.2271	-0.3167
0.650	-0.3399	-0.2666	-0.1883	-0.2321	-0.3389
0.675	*******	-0.2871	-0.2077	-0.2344	-0.3582
0.700	-0.3767	-0.3092	-0.2203	-0.2334	-0.3841
0.725	*******	*******	*******	-0.2376	-0.4202
0.750	-0.4150	-0.3700	*******	-0.2478	-0.4537
0.775	*******	-0.4071	-0.3000	-0.2916	-0.4835
0.800	-0.4659	-0.4469	-0.3329	-0.3672	*******
0.825	*******	-0.4990	-0.3768	-0.4648	-0.5616
0.850	-0.5250	-0.5426	-0.4283	-0.5204	*******
0.875	*******	-0.6041	-0.4929	-0.6037	-0.6617
0.900	-0.5932	-0.6721	-0.6028	-0.6733	-0.7065
0.925	*******	-0.7743	-0.8826	-0.7589	-0.7449
0.950	-0.7111	-0.8983	-1.1267	-0.8935	*******
0.975	*******	-1.4499	-1.2297	*******	-0.6926
1.000	-0.5241	-1.0139	-1.1425	-1.1382	-0.8279
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1741	0.1694	0.2023	*******	-0.4539
-0.400	*******	0.1754	0.1755	0.0151	-0.5849
-0.600	0.1714	0.1808	0.1697	0.0480	-0.6648
-0.700	0.1939	0.1837	0.1712	0.0642	-0.6587
-0.800	*******	*******	0.1766	0.0883	-0.5899
-0.850	0.2631	0.2176	0.1925	0.1032	-0.6019
-0.900	*******	0.2401	0.2146	0.1286	-0.5817
-0.950	0.2485	0.2403	0.2275	0.1692	-0.2738
-0.975	*******	0.1760	0.1901	0.1597	-0.0717
-1.000	-0.5667	-0.8375	-1.1407	-1.1404	-1.0483

Surface Pressures



Large Radius L.E.

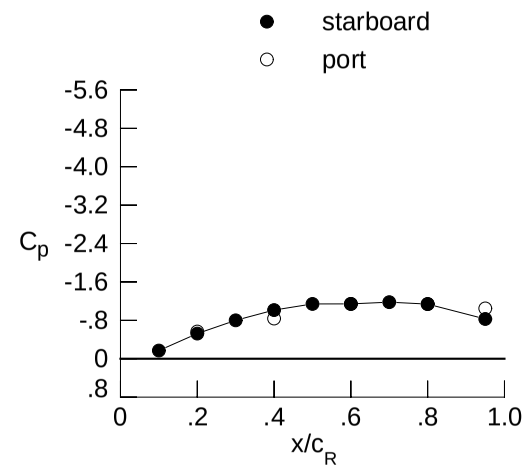
Run No. = 75 , Point No. = 1583

C_N = 0.352, C_m = -0.0538

α = 8.9 °, M_∞ = 0.798

R_{mac} = 60.2×10^6

Leading Edge Pressures

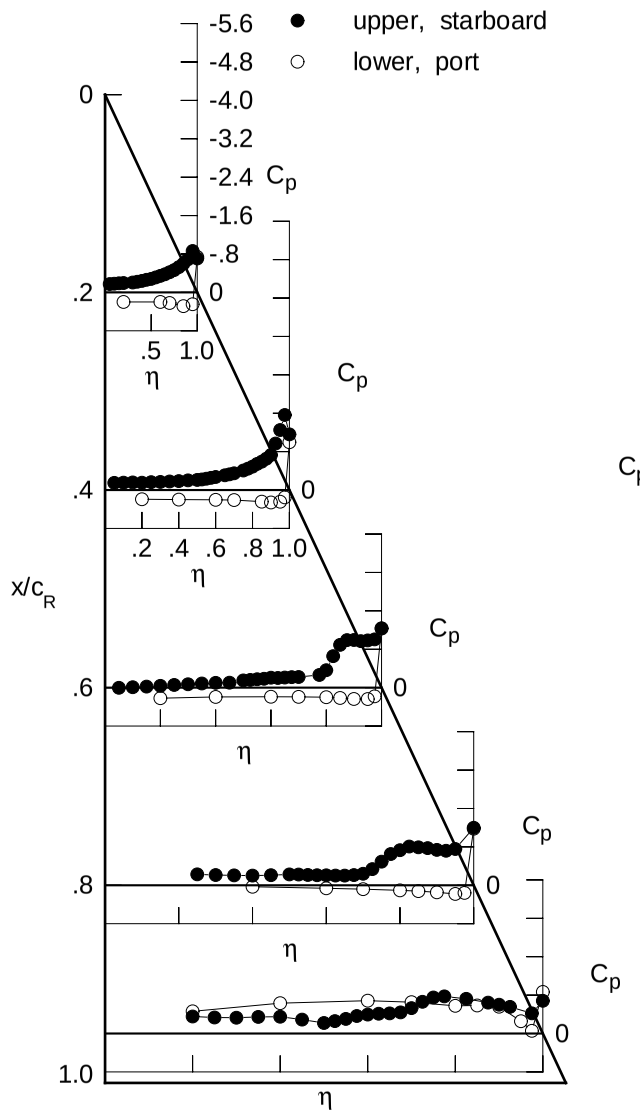


x/c_R	starb'd C_p	port C_p
0.10	-0.1701	*******
0.20	-0.5241	-0.5667
0.30	-0.7998	*******
0.40	-1.0139	-0.8375
0.50	-1.1416	*******
0.60	-1.1425	-1.1407
0.70	-1.1785	*******
0.80	-1.1382	-1.1404
0.90	*******	*******
0.95	-0.8279	-1.0483

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	-0.1733	-0.1494	0.0031	*******	*******
0.100	-0.1807	-0.1538	-0.0090	*******	*******
0.150	-0.1896	-0.1583	-0.0218	*******	*******
0.200	-0.1951	-0.1530	-0.0377	*******	-0.3545
0.250	*******	-0.1636	-0.0563	-0.2276	-0.3335
0.300	-0.2055	-0.1685	-0.0701	-0.2133	-0.3291
0.350	-0.2213	-0.1788	-0.0863	-0.2066	-0.3454
0.400	-0.2396	-0.1861	-0.1000	-0.2016	-0.3500
0.450	-0.2622	-0.2016	-0.1035	-0.2101	-0.2898
0.500	-0.2812	-0.2104	-0.1504	-0.2262	-0.2194
0.525	*******	-0.2202	-0.1609	-0.2236	-0.2582
0.550	-0.3122	-0.2360	-0.1756	-0.2152	-0.3043
0.575	*******	-0.2544	-0.1848	-0.2100	-0.3645
0.600	-0.3437	-0.2717	-0.2068	-0.2081	-0.3946
0.625	*******	*******	-0.2020	-0.2022	-0.4119
0.650	-0.3773	-0.3073	-0.2103	-0.2016	-0.4189
0.675	*******	-0.3271	-0.2184	-0.2124	-0.4399
0.700	-0.4199	-0.3485	-0.2220	-0.2400	-0.5290
0.725	*******	*******	*******	-0.3367	-0.6611
0.750	-0.4647	-0.4065	*******	-0.4920	-0.7502
0.775	*******	-0.4451	-0.2642	-0.6514	-0.7733
0.800	-0.5258	-0.4869	-0.3631	-0.7314	*******
0.825	*******	-0.5442	-0.6562	-0.8073	-0.7222
0.850	-0.5966	-0.5910	-0.8915	-0.7913	*******
0.875	*******	-0.6525	-0.9901	-0.7741	-0.6432
0.900	-0.6893	-0.7300	-0.9927	-0.7375	-0.6002
0.925	*******	-0.9689	-0.9686	-0.7189	-0.5550
0.950	-0.8624	-1.2500	-0.9841	-0.7562	*******
0.975	*******	-1.5631	-1.0057	*******	-0.4198
1.000	-0.7067	-1.1601	-1.2342	-1.1981	-0.6818
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1992	0.1920	0.2201	*******	-0.4620
-0.400	*******	0.1989	0.1937	0.0303	-0.6321
-0.600	0.1993	0.2036	0.1899	0.0625	-0.6839
-0.700	0.2210	0.2085	0.1923	0.0808	-0.6526
-0.800	*******	*******	0.1992	0.1057	-0.5767
-0.850	0.2868	0.2421	0.2152	0.1212	-0.5839
-0.900	*******	0.2591	0.2357	0.1464	-0.5587
-0.950	0.2463	0.2431	0.2376	0.1801	-0.2561
-0.975	*******	0.1532	0.1811	0.1585	-0.0561
-1.000	-0.7383	-0.9957	-1.2335	-1.1784	-0.8667

Surface Pressures



Large Radius L.E.

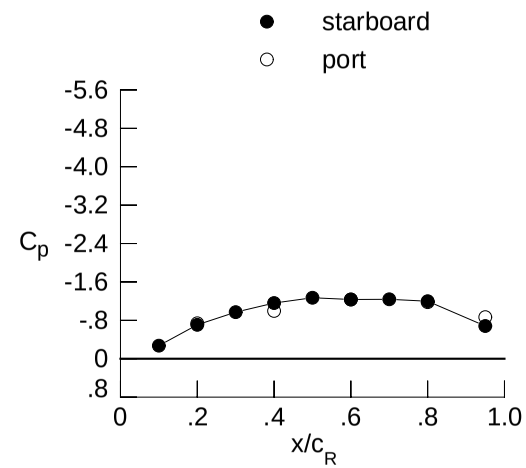
Run No. = 75 , Point No. = 1584

C_N = 0.410, C_m = -0.0649

α = 10.0 °, M_∞ = 0.798

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

Leading Edge Pressures

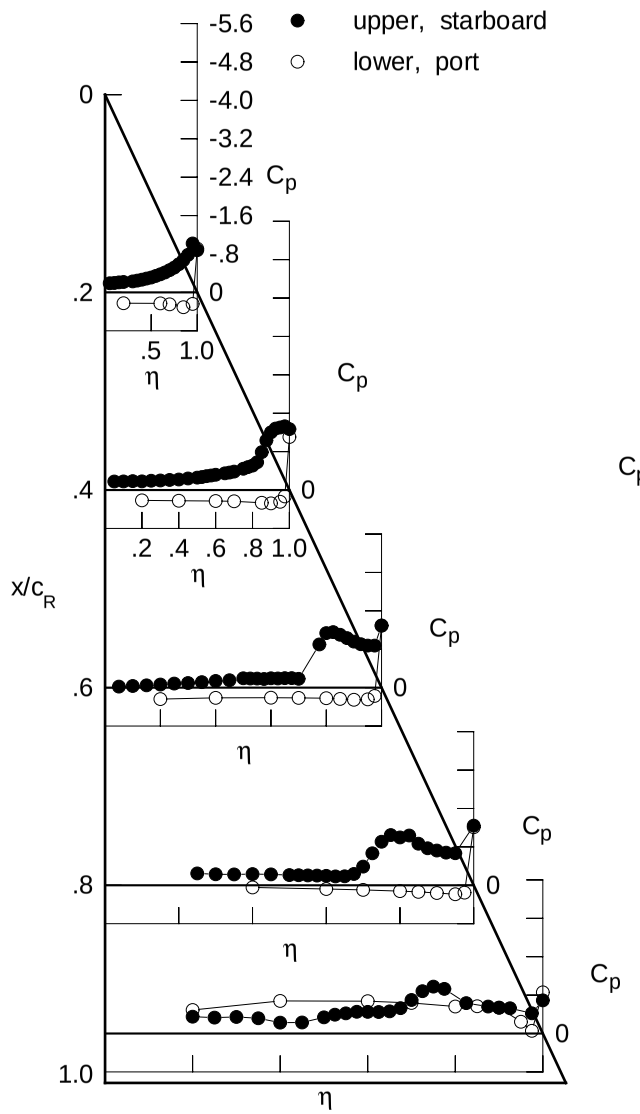


x/c_R	starb'd C_p	port C_p
0.10	-0.2722	*******
0.20	-0.7067	-0.7383
0.30	-0.9704	*******
0.40	-1.1601	-0.9957
0.50	-1.2704	*******
0.60	-1.2342	-1.2335
0.70	-1.2382	*******
0.80	-1.1981	-1.1784
0.90	*******	*******
0.95	-0.6818	-0.8667

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	-0.1901	-0.1774	-0.0217	*******	*******
0.100	-0.1961	-0.1789	-0.0341	*******	*******
0.150	-0.2090	-0.1852	-0.0484	*******	*******
0.200	-0.2166	-0.1810	-0.0647	*******	-0.3504
0.250	*******	-0.1935	-0.0846	-0.2470	-0.3309
0.300	-0.2284	-0.1995	-0.0961	-0.2295	-0.3452
0.350	-0.2452	-0.2104	-0.1143	-0.2262	-0.3176
0.400	-0.2646	-0.2193	-0.1395	-0.2335	-0.2262
0.450	-0.2879	-0.2405	-0.1542	-0.2273	-0.2294
0.500	-0.3097	-0.2587	-0.1950	-0.2125	-0.3366
0.525	*******	-0.2707	-0.1904	-0.2096	-0.3919
0.550	-0.3427	-0.2891	-0.1886	-0.2055	-0.4198
0.575	*******	-0.3028	-0.1800	-0.2020	-0.4528
0.600	-0.3770	-0.3185	-0.1955	-0.1968	-0.4511
0.625	*******	*******	-0.1913	-0.1850	-0.4478
0.650	-0.4151	-0.3478	-0.1974	-0.1869	-0.4616
0.675	*******	-0.3637	-0.1987	-0.2363	-0.5280
0.700	-0.4632	-0.3837	-0.1842	-0.3890	-0.6981
0.725	*******	*******	*******	-0.6667	-0.8817
0.750	-0.5160	-0.4429	*******	-0.9072	-0.9765
0.775	*******	-0.4775	-0.9001	-1.0463	-0.9297
0.800	-0.5860	-0.5084	-1.1362	-0.9967	*******
0.825	*******	-0.5785	-1.1570	-1.0371	-0.6326
0.850	-0.6716	-0.7893	-1.1018	-0.8667	*******
0.875	*******	-1.0335	-1.0322	-0.7712	-0.5618
0.900	-0.7825	-1.2020	-0.9590	-0.7239	-0.5370
0.925	*******	-1.2805	-0.9047	-0.6798	-0.5268
0.950	-1.0194	-1.3036	-0.8757	-0.6682	*******
0.975	*******	-1.3277	-0.8760	*******	-0.4209
1.000	-0.8791	-1.2700	-1.2940	-1.2421	-0.6907
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2255	0.2155	0.2387	*******	-0.4897
-0.400	*******	0.2231	0.2125	0.0450	-0.6787
-0.600	0.2288	0.2290	0.2097	0.0773	-0.6735
-0.700	0.2486	0.2348	0.2134	0.0963	-0.6367
-0.800	*******	*******	0.2203	0.1218	-0.5627
-0.850	0.3091	0.2658	0.2355	0.1369	-0.5683
-0.900	*******	0.2775	0.2527	0.1609	-0.5390
-0.950	0.2402	0.2449	0.2441	0.1867	-0.2448
-0.975	*******	0.1326	0.1725	0.1532	-0.0560
-1.000	-0.9111	-1.1047	-1.2908	-1.2093	-0.8579

Surface Pressures



Large Radius L.E.

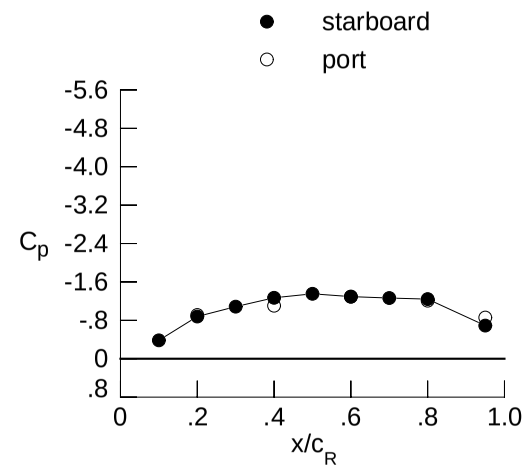
Run No. = 75 , Point No. = 1585

C_N = 0.473, C_m = -0.0764

α = 11.0 °, M_∞ = 0.799

R_{mac} = 60.2×10^6

Leading Edge Pressures

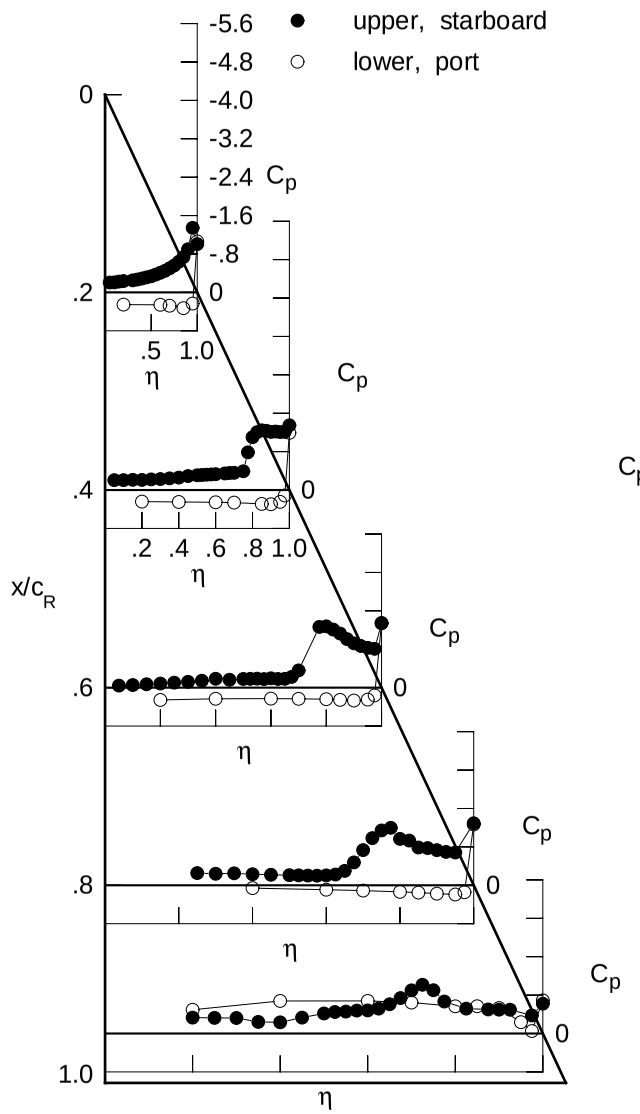


x/c_R	starb'd C_p	port C_p
0.10	-0.3830	*******
0.20	-0.8791	-0.9111
0.30	-1.0852	*******
0.40	-1.2700	-1.1047
0.50	-1.3527	*******
0.60	-1.2940	-1.2908
0.70	-1.2645	*******
0.80	-1.2421	-1.2093
0.90	*******	*******
0.95	-0.6907	-0.8579

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	-0.2053	-0.2057	-0.0428	*******	*******
0.100	-0.2078	-0.2067	-0.0543	*******	*******
0.150	-0.2249	-0.2130	-0.0704	*******	*******
0.200	-0.2360	-0.2113	-0.0857	*******	-0.3312
0.250	*******	-0.2218	-0.1038	-0.2545	-0.3255
0.300	-0.2507	-0.2287	-0.1216	-0.2401	-0.3229
0.350	-0.2683	-0.2433	-0.1442	-0.2498	-0.2415
0.400	-0.2892	-0.2590	-0.1850	-0.2307	-0.2327
0.450	-0.3131	-0.2909	-0.1651	-0.2195	-0.3313
0.500	-0.3353	-0.3073	-0.1805	-0.2103	-0.4180
0.525	*******	-0.3139	-0.1842	-0.2072	-0.4483
0.550	-0.3710	-0.3189	-0.1876	-0.2026	-0.4567
0.575	*******	-0.3245	-0.1786	-0.2002	-0.4773
0.600	-0.4085	-0.3303	-0.1941	-0.2062	-0.4811
0.625	*******	*******	-0.1810	-0.2242	-0.5181
0.650	-0.4493	-0.3458	-0.1841	-0.2998	-0.6092
0.675	*******	-0.3553	-0.2237	-0.4757	-0.7380
0.700	-0.5023	-0.3583	-0.3596	-0.7325	-0.8990
0.725	*******	*******	*******	-0.9822	-1.0154
0.750	-0.5593	-0.3916	*******	-1.1423	-0.9020
0.775	*******	-0.7847	-1.2650	-1.1974	-0.6664
0.800	-0.6384	-1.1009	-1.2771	-0.9664	*******
0.825	*******	-1.2055	-1.2105	-0.9316	-0.5181
0.850	-0.7350	-1.2438	-1.1272	-0.7871	*******
0.875	*******	-1.2344	-1.0112	-0.7750	-0.5015
0.900	-0.8994	-1.2112	-0.9222	-0.7320	-0.4971
0.925	*******	-1.2186	-0.8680	-0.6951	-0.4958
0.950	-1.3449	-1.2077	-0.8296	-0.6826	*******
0.975	*******	-1.2127	-0.8090	*******	-0.3757
1.000	-1.0059	-1.3490	-1.3403	-1.2921	-0.6219
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2548	0.2407	0.2566	*******	-0.4947
-0.400	*******	0.2485	0.2323	0.0591	-0.6781
-0.600	0.2587	0.2556	0.2286	0.0924	-0.6788
-0.700	0.2774	0.2614	0.2331	0.1108	-0.6445
-0.800	*******	*******	0.2410	0.1370	-0.5661
-0.850	0.3289	0.2894	0.2551	0.1522	-0.5678
-0.900	*******	0.2957	0.2686	0.1745	-0.5308
-0.950	0.2332	0.2463	0.2488	0.1918	-0.2360
-0.975	*******	0.1139	0.1616	0.1448	-0.0520
-1.000	-1.0620	-1.1916	-1.3477	-1.2663	-0.6908

Surface Pressures



Large Radius L.E.

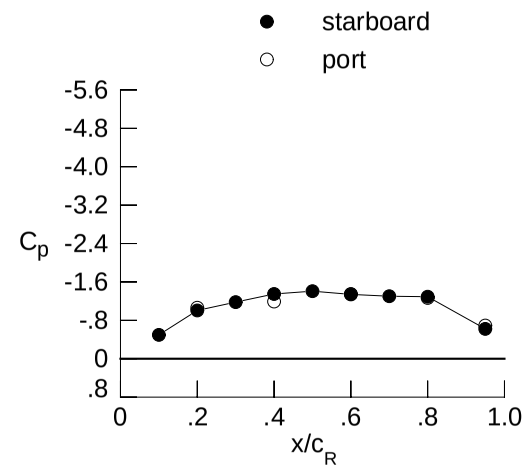
Run No. = 75 , Point No. = 1586

C_N = 0.523, C_m = -0.0806

α = 12.0 °, M_∞ = 0.798

R_{mac} = 60.1×10^6

Leading Edge Pressures

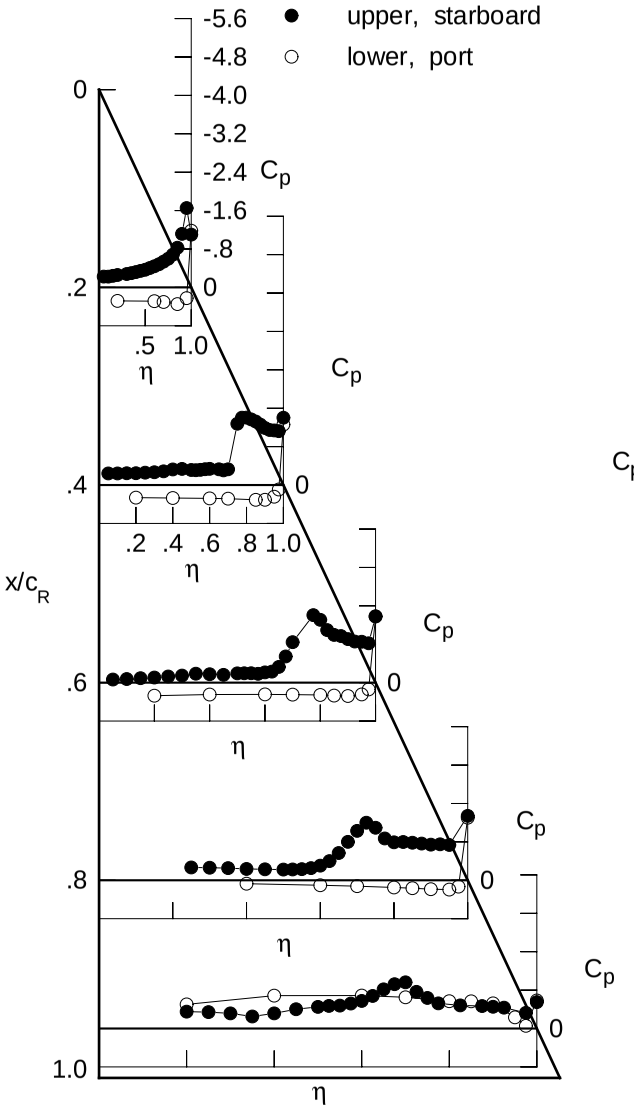


x/c_R	starb'd C_p	port C_p
0.10	-0.4971	*******
0.20	-1.0059	-1.0620
0.30	-1.1796	*******
0.40	-1.3490	-1.1916
0.50	-1.4076	*******
0.60	-1.3403	-1.3477
0.70	-1.3021	*******
0.80	-1.2921	-1.2663
0.90	*******	*******
0.95	-0.6219	-0.6908

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	-0.2249	-0.2420	-0.0644	*******	*******
0.100	-0.2242	-0.2418	-0.0754	*******	*******
0.150	-0.2410	-0.2455	-0.0927	*******	*******
0.200	-0.2583	-0.2463	-0.1066	*******	-0.3513
0.250	*******	-0.2573	-0.1283	-0.2670	-0.3413
0.300	-0.2780	-0.2667	-0.1472	-0.2617	-0.3155
0.350	-0.2972	-0.2857	-0.1861	-0.2533	-0.2504
0.400	-0.3195	-0.3246	-0.1754	-0.2363	-0.3152
0.450	-0.3438	-0.3362	-0.1624	-0.2287	-0.4018
0.500	-0.3675	-0.3137	-0.1939	-0.2228	-0.4507
0.525	*******	-0.3092	-0.1952	-0.2254	-0.4705
0.550	-0.4029	-0.3172	-0.1958	-0.2323	-0.4769
0.575	*******	-0.3296	-0.1837	-0.2533	-0.5201
0.600	-0.4404	-0.3379	-0.2136	-0.3045	-0.5742
0.625	*******	*******	-0.2296	-0.4000	-0.6785
0.650	-0.4823	-0.3281	-0.3275	-0.5677	-0.8158
0.675	*******	-0.3058	-0.5452	-0.8006	-0.9233
0.700	-0.5369	-0.3283	-0.8430	-1.0293	-0.9625
0.725	*******	*******	*******	-1.1990	-0.7640
0.750	-0.5966	-1.2771	*******	-1.0942	-0.6371
0.775	*******	-1.4029	-1.4063	-0.8712	-0.5238
0.800	-0.6813	-1.4049	-1.3091	-0.7911	*******
0.825	*******	-1.3679	-1.0949	-0.7977	-0.4820
0.850	-0.8268	-1.3234	-0.9947	-0.7825	*******
0.875	*******	-1.2582	-0.9706	-0.7649	-0.4681
0.900	-1.1156	-1.1887	-0.9071	-0.7422	-0.4527
0.925	*******	-1.1475	-0.8559	-0.7499	-0.4344
0.950	-1.6531	-1.1374	-0.8524	-0.7362	*******
0.975	*******	-1.1220	-0.8198	*******	-0.3260
1.000	-1.0994	-1.4026	-1.3808	-1.3417	-0.5499
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2813	0.2625	0.2722	*******	-0.5020
-0.400	*******	0.2707	0.2476	0.0713	-0.6850
-0.600	0.2874	0.2781	0.2451	0.1035	-0.6868
-0.700	0.3043	0.2842	0.2495	0.1227	-0.6506
-0.800	*******	*******	0.2565	0.1498	-0.5686
-0.850	0.3476	0.3080	0.2695	0.1650	-0.5666
-0.900	*******	0.3076	0.2786	0.1853	-0.5240
-0.950	0.2236	0.2432	0.2459	0.1936	-0.2325
-0.975	*******	0.0926	0.1407	0.1323	-0.0562
-1.000	-1.1811	-1.2592	-1.3791	-1.3042	-0.5843

Surface Pressures



Large Radius L.E.

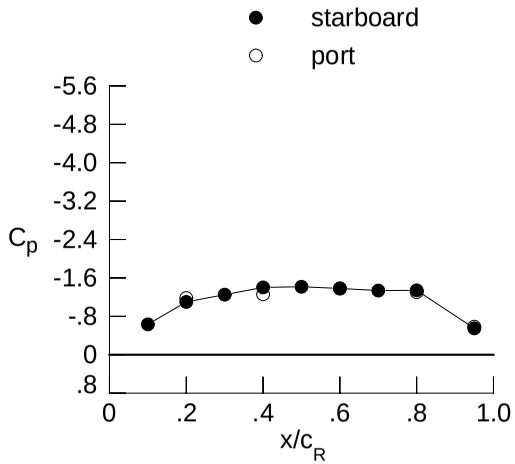
Run No. = 75 , Point No. = 1587

C_N = 0.572, C_m = -0.0839

α = 13.1 °, M_∞ = 0.799

R_{mac} = 60.2×10^6

Leading Edge Pressures

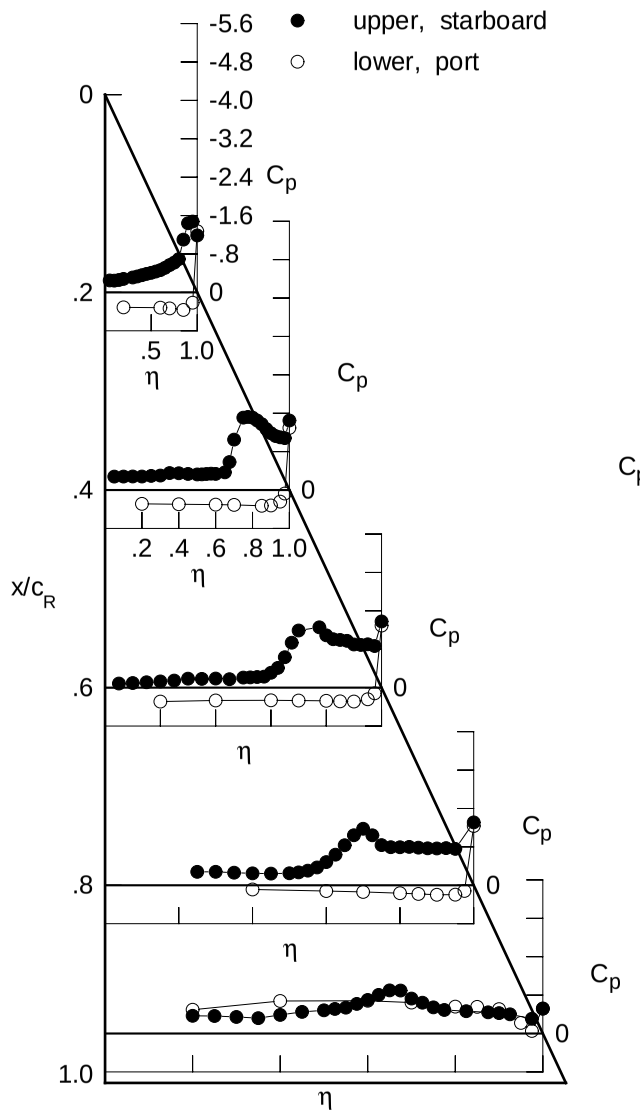


x/cR	starb'd Cp	port Cp
0.10	-0.6331	*******
0.20	-1.0994	-1.1811
0.30	-1.2515	*******
0.40	-1.4026	-1.2592
0.50	-1.4161	*******
0.60	-1.3808	-1.3791
0.70	-1.3368	*******
0.80	-1.3417	-1.3042
0.90	*******	*******
0.95	-0.5499	-0.5843

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	-0.2488	-0.2801	-0.0857	*******	*******
0.100	-0.2449	-0.2806	-0.0962	*******	*******
0.150	-0.2583	-0.2827	-0.1121	*******	*******
0.200	-0.2805	-0.2820	-0.1293	*******	-0.3686
0.250	*******	-0.2943	-0.1476	-0.2801	-0.3644
0.300	-0.3107	-0.3017	-0.1874	-0.2805	-0.3449
0.350	-0.3319	-0.3536	-0.1827	-0.2623	-0.3200
0.400	-0.3582	-0.3496	-0.1898	-0.2485	-0.3872
0.450	-0.3844	-0.3355	-0.1763	-0.2433	-0.4503
0.500	-0.4068	-0.3249	-0.2092	-0.2504	-0.4831
0.525	*******	-0.3267	-0.2133	-0.2690	-0.5117
0.550	-0.4344	-0.3343	-0.2220	-0.3051	-0.5384
0.575	*******	-0.3406	-0.2288	-0.3713	-0.6171
0.600	-0.4641	-0.3358	-0.3100	-0.4833	-0.6996
0.625	*******	*******	-0.4111	-0.6376	-0.8045
0.650	-0.5114	-0.3688	-0.6333	-0.8347	-0.8987
0.675	*******	-0.5835	-0.9358	-1.0421	-0.8950
0.700	-0.5689	-1.0501	-1.1904	-1.1777	-0.7279
0.725	*******	*******	*******	-1.0413	-0.6417
0.750	-0.6198	-1.5076	*******	-0.8367	-0.5452
0.775	*******	-1.5232	-1.2571	-0.7937	-0.4907
0.800	-0.6936	-1.5088	-1.0903	-0.7926	*******
0.825	*******	-1.4491	-1.0086	-0.8001	-0.4650
0.850	-1.0991	-1.3730	-0.9940	-0.7844	*******
0.875	*******	-1.2698	-0.9754	-0.7707	-0.4415
0.900	-1.4401	-1.1829	-0.8989	-0.7668	-0.4248
0.925	*******	-1.1249	-0.8894	-0.7746	-0.4002
0.950	-1.4759	-1.0982	-0.9034	-0.7587	*******
0.975	*******	-1.0819	-0.8671	*******	-0.3076
1.000	-1.1865	-1.4490	-1.3795	-1.3103	-0.5204
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3121	0.2877	0.2903	*******	-0.4950
-0.400	*******	0.2963	0.2670	0.0872	-0.6773
-0.600	0.3185	0.3037	0.2642	0.1198	-0.6828
-0.700	0.3332	0.3093	0.2687	0.1384	-0.6445
-0.800	*******	*******	0.2746	0.1650	-0.5602
-0.850	0.3659	0.3282	0.2855	0.1796	-0.5550
-0.900	*******	0.3214	0.2900	0.1977	-0.5082
-0.950	0.2147	0.2416	0.2426	0.1949	-0.2205
-0.975	*******	0.0729	0.1182	0.1175	-0.0537
-1.000	-1.2752	-1.2941	-1.2930	-1.2351	-0.5165

Surface Pressures



Large Radius L.E.

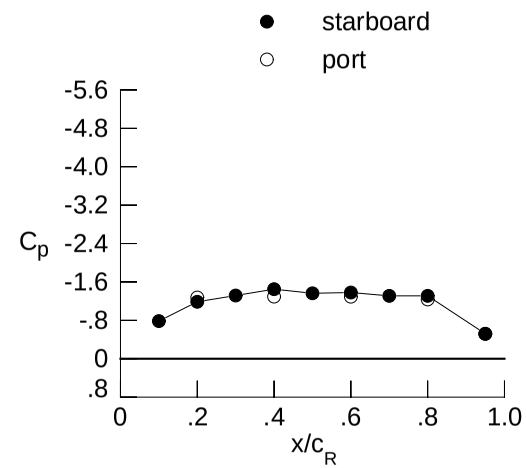
Run No. = 75 , Point No. = 1588

C_N = 0.631, C_m = -0.0926

α = 14.2 °, M_∞ = 0.798

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

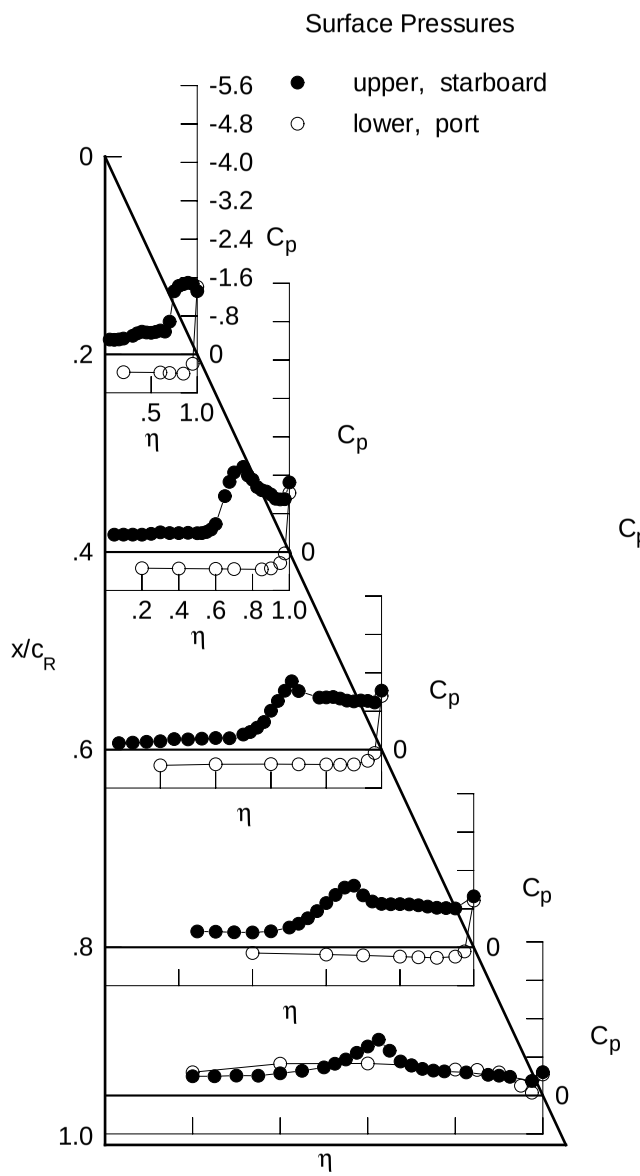
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.7836	*******
0.20	-1.1865	-1.2752
0.30	-1.3168	*******
0.40	-1.4490	-1.2941
0.50	-1.3634	*******
0.60	-1.3795	-1.2930
0.70	-1.3096	*******
0.80	-1.3103	-1.2351
0.90	*******	*******
0.95	-0.5204	-0.5165

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	-0.3092	-0.3614	-0.1355	*******	*******
0.100	-0.3033	-0.3624	-0.1457	*******	*******
0.150	-0.3114	-0.3627	-0.1629	*******	*******
0.200	-0.3292	-0.3615	-0.1751	*******	-0.4005
0.250	*******	-0.3789	-0.2196	-0.3299	-0.4011
0.300	-0.3872	-0.4104	-0.2134	-0.3237	-0.4147
0.350	-0.4393	-0.3948	-0.2289	-0.3126	-0.4120
0.400	-0.4730	-0.3941	-0.2424	-0.3089	-0.4622
0.450	-0.4563	-0.4007	-0.2376	-0.3324	-0.5142
0.500	-0.4498	-0.3917	-0.3144	-0.4113	-0.5859
0.525	*******	-0.3941	-0.3675	-0.4907	-0.6614
0.550	-0.4681	-0.4173	-0.4578	-0.6049	-0.7501
0.575	*******	-0.4694	-0.5757	-0.7532	-0.8899
0.600	-0.4977	-0.5827	-0.8102	-0.9213	-1.0215
0.625	*******	*******	-1.0133	-1.0903	-1.1625
0.650	-0.4740	-1.1651	-1.2275	-1.2434	-0.9326
0.675	*******	-1.4619	-1.4237	-1.2832	-0.7086
0.700	-0.6820	-1.6588	-1.2204	-1.0817	-0.6233
0.725	*******	*******	*******	-0.9533	-0.5540
0.750	-1.3144	-1.7734	*******	-0.9038	-0.5195
0.775	*******	-1.5940	-1.0839	-0.8969	-0.5023
0.800	-1.4265	-1.5065	-1.0877	-0.8995	*******
0.825	*******	-1.3547	-1.0967	-0.8936	-0.4812
0.850	-1.4634	-1.2887	-1.0641	-0.8750	*******
0.875	*******	-1.2602	-1.0208	-0.8480	-0.4313
0.900	-1.4918	-1.1987	-1.0048	-0.8235	-0.4126
0.925	*******	-1.1100	-1.0242	-0.8168	-0.3892
0.950	-1.4696	-1.0960	-1.0153	-0.8087	*******
0.975	*******	-1.1008	-0.9828	*******	-0.3035
1.000	-1.3176	-1.4504	-1.2288	-1.0619	-0.4866
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3709	0.3366	0.3278	*******	-0.4843
-0.400	*******	0.3439	0.3049	0.1196	-0.6633
-0.600	0.3779	0.3503	0.3016	0.1508	-0.6676
-0.700	0.3877	0.3550	0.3057	0.1692	-0.6298
-0.800	*******	*******	0.3088	0.1945	-0.5408
-0.850	0.4008	0.3618	0.3152	0.2076	-0.5332
-0.900	*******	0.3408	0.3086	0.2196	-0.4809
-0.950	0.1962	0.2299	0.2321	0.1942	-0.2039
-0.975	*******	0.0279	0.0702	0.0862	-0.0592
-1.000	-1.4068	-1.2314	-1.1172	-0.9734	-0.4388



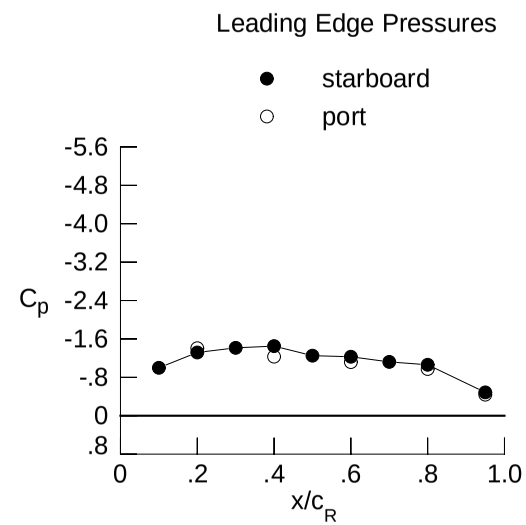
Large Radius L.E.

Run No. = 75 , Point No. = 1589

C_N = 0.747, C_m = -0.1083

α = 16.3 °, M_∞ = 0.798

R_{mac} = 60.1×10^6

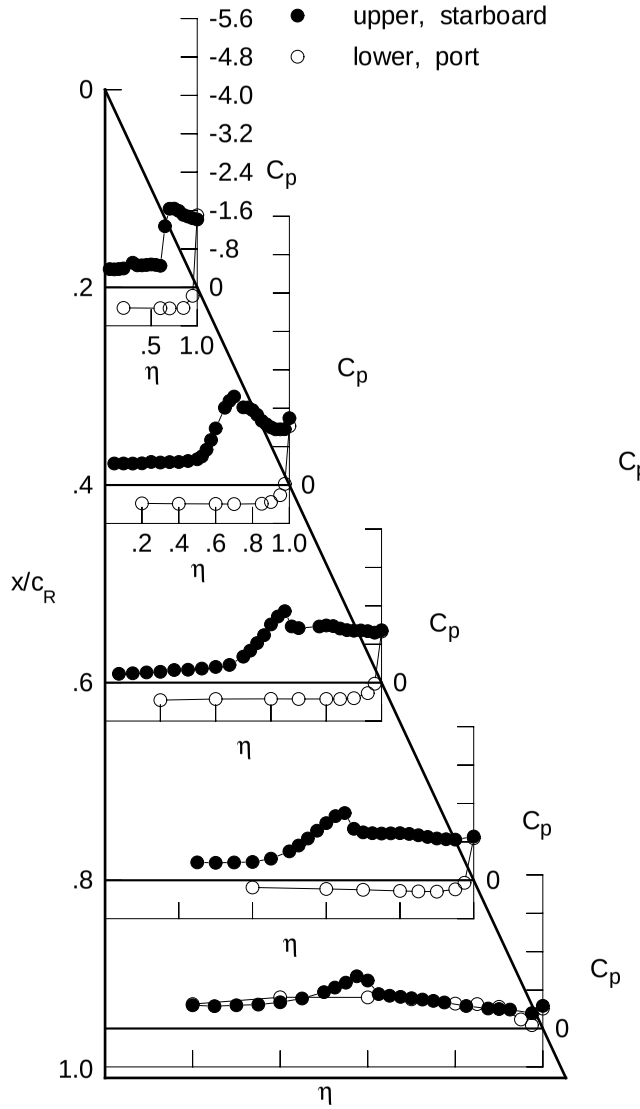


x/c_R	starb'd Cp	port Cp
0.10	-0.9988	*******
0.20	-1.3176	-1.4068
0.30	-1.4142	*******
0.40	-1.4504	-1.2314
0.50	-1.2513	*******
0.60	-1.2288	-1.1172
0.70	-1.1213	*******
0.80	-1.0619	-0.9734
0.90	*******	*******
0.95	-0.4866	-0.4388

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	-0.3808	-0.4489	-0.1843	*******	*******
0.100	-0.3756	-0.4487	-0.1955	*******	*******
0.150	-0.3822	-0.4473	-0.2125	*******	*******
0.200	-0.3944	-0.4517	-0.2259	*******	-0.4844
0.250	*******	-0.4809	-0.2628	-0.3726	-0.4655
0.300	-0.5137	-0.4684	-0.2686	-0.3641	-0.4843
0.350	-0.4592	-0.4778	-0.2925	-0.3714	-0.4981
0.400	-0.4591	-0.4797	-0.3272	-0.3818	-0.5462
0.450	-0.4674	-0.5009	-0.3685	-0.4500	-0.6256
0.500	-0.4773	-0.5366	-0.5411	-0.6027	-0.7572
0.525	*******	-0.5961	-0.6662	-0.7239	-0.8528
0.550	-0.4690	-0.7354	-0.8251	-0.8701	-0.9551
0.575	*******	-0.9373	-0.9888	-1.0330	-1.0881
0.600	-0.4500	-1.1789	-1.2125	-1.1907	-0.9993
0.625	*******	*******	-1.3770	-1.3368	-0.7170
0.650	-1.2742	-1.6107	-1.4888	-1.4011	-0.6820
0.675	*******	-1.7529	-1.1708	-1.0727	-0.6596
0.700	-1.6381	-1.8434	-1.1360	-0.9983	-0.6315
0.725	*******	*******	*******	-0.9805	-0.6032
0.750	-1.6404	-1.6185	*******	-0.9737	-0.5762
0.775	*******	-1.6149	-1.1697	-0.9774	-0.5421
0.800	-1.5928	-1.5603	-1.1916	-0.9820	*******
0.825	*******	-1.4634	-1.1782	-0.9655	-0.4690
0.850	-1.5113	-1.3386	-1.1270	-0.9386	*******
0.875	*******	-1.2654	-1.0936	-0.9035	-0.4165
0.900	-1.4762	-1.2018	-1.0814	-0.8702	-0.4056
0.925	*******	-1.1609	-1.0870	-0.8551	-0.3943
0.950	-1.4406	-1.1608	-1.0726	-0.8474	*******
0.975	*******	-1.1633	-1.0405	*******	-0.3198
1.000	-1.4144	-1.3928	-1.0915	-0.9109	-0.4717
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4278	0.3822	0.3645	*******	-0.5089
-0.400	*******	0.3906	0.3414	0.1496	-0.6506
-0.600	0.4332	0.3935	0.3381	0.1806	-0.6480
-0.700	0.4372	0.3970	0.3408	0.1981	-0.6083
-0.800	*******	*******	0.3403	0.2219	-0.5181
-0.850	0.4288	0.3893	0.3419	0.2323	-0.5086
-0.900	*******	0.3535	0.3236	0.2366	-0.4522
-0.950	0.1753	0.2110	0.2183	0.1889	-0.1889
-0.975	*******	-0.0237	0.0226	0.0518	-0.0698
-1.000	-1.5013	-1.2273	-1.0649	-0.8770	-0.4145

Surface Pressures



Large Radius L.E.

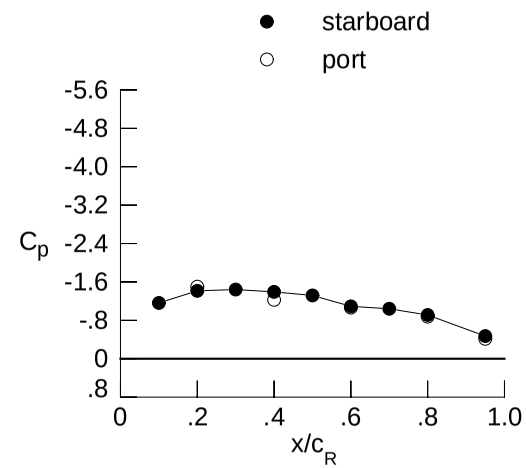
Run No. = 75 , Point No. = 1590

C_N = 0.858, C_m = -0.1228

α = 18.3 °, M_∞ = 0.799

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

Leading Edge Pressures

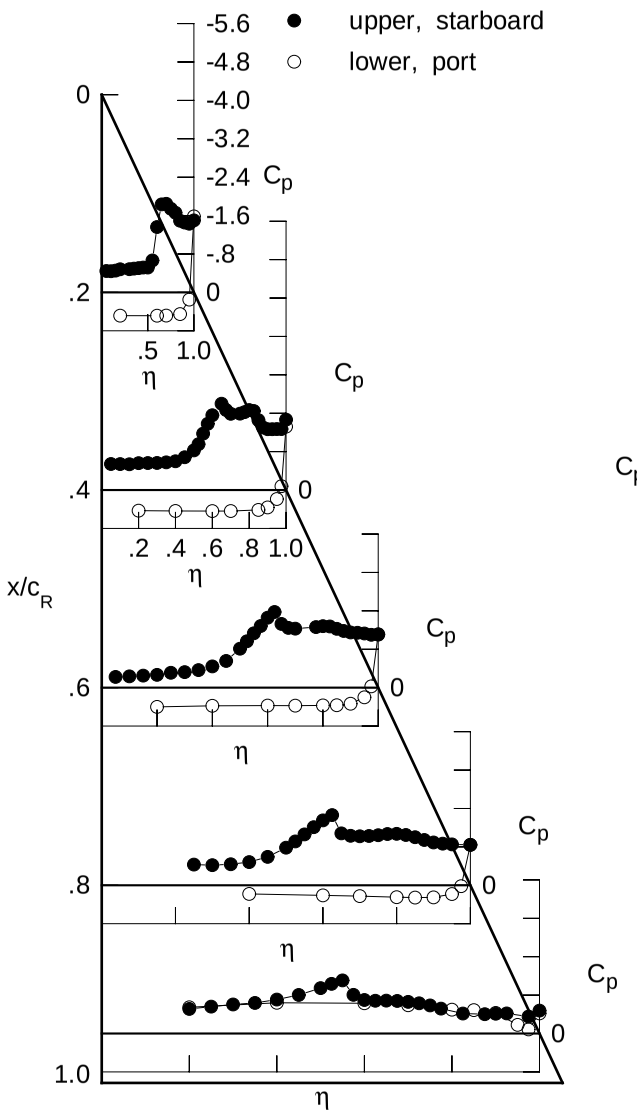


x/c_R	starb'd C_p	port C_p
0.10	-1.1623	*******
0.20	-1.4144	-1.5013
0.30	-1.4413	*******
0.40	-1.3928	-1.2273
0.50	-1.3184	*******
0.60	-1.0915	-1.0649
0.70	-1.0405	*******
0.80	-0.9109	-0.8770
0.90	*******	*******
0.95	-0.4717	-0.4145

Table E3. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4459	-0.5425	-0.2236	*******	*******
0.100	-0.4409	-0.5407	-0.2354	*******	*******
0.150	-0.4536	-0.5372	-0.2507	*******	*******
0.200	-0.4817	-0.5598	-0.2664	*******	-0.5120
0.250	*******	-0.5627	-0.3099	-0.4313	-0.5601
0.300	-0.4836	-0.5643	-0.3229	-0.4189	-0.6052
0.350	-0.4956	-0.5769	-0.3654	-0.4387	-0.6365
0.400	-0.5057	-0.5993	-0.4424	-0.4836	-0.7070
0.450	-0.5178	-0.6830	-0.5563	-0.5919	-0.8034
0.500	-0.5174	-0.8256	-0.8112	-0.7831	-0.9457
0.525	*******	-0.9549	-0.9659	-0.9139	-1.0346
0.550	-0.6655	-1.1749	-1.1322	-1.0598	-1.1068
0.575	*******	-1.3799	-1.2839	-1.2104	-0.8053
0.600	-1.3620	-1.5583	-1.4569	-1.3520	-0.6983
0.625	*******	*******	-1.5761	-1.4622	-0.6828
0.650	-1.8332	-1.7988	-1.3274	-1.0814	-0.6851
0.675	*******	-1.6660	-1.2444	-1.0314	-0.6787
0.700	-1.8452	-1.5880	-1.2290	-1.0208	-0.6588
0.725	*******	*******	*******	-1.0273	-0.6296
0.750	-1.7422	-1.5911	*******	-1.0436	-0.5846
0.775	*******	-1.6232	-1.2615	-1.0679	-0.5186
0.800	-1.6591	-1.6668	-1.2809	-1.0721	*******
0.825	*******	-1.6463	-1.2742	-1.0477	-0.4162
0.850	-1.4932	-1.4568	-1.2252	-1.0019	*******
0.875	*******	-1.3032	-1.1806	-0.9443	-0.4022
0.900	-1.4552	-1.2671	-1.1497	-0.8922	-0.4117
0.925	*******	-1.2676	-1.1434	-0.8674	-0.4184
0.950	-1.4302	-1.2706	-1.1279	-0.8517	*******
0.975	*******	-1.2706	-1.1008	*******	-0.3534
1.000	-1.5002	-1.4664	-1.1049	-0.8421	-0.4766
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4848	0.4294	0.4010	*******	-0.5466
-0.400	*******	0.4362	0.3787	0.1804	-0.6404
-0.600	0.4859	0.4383	0.3738	0.2103	-0.6301
-0.700	0.4833	0.4380	0.3755	0.2259	-0.5889
-0.800	*******	*******	0.3706	0.2479	-0.4969
-0.850	0.4516	0.4140	0.3662	0.2558	-0.4870
-0.900	*******	0.3626	0.3355	0.2520	-0.4285
-0.950	0.1504	0.1875	0.2017	0.1824	-0.1797
-0.975	*******	-0.0804	-0.0270	0.0180	-0.0858
-1.000	-1.5834	-1.3210	-1.1117	-0.8426	-0.4189

Surface Pressures



Large Radius L.E.

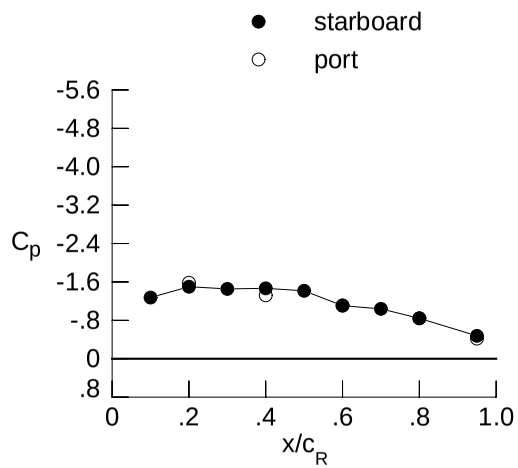
Run No. = 75 , Point No. = 1591

C_N = 0.961, C_m = -0.1332

α = 20.4 °, M_∞ = 0.798

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

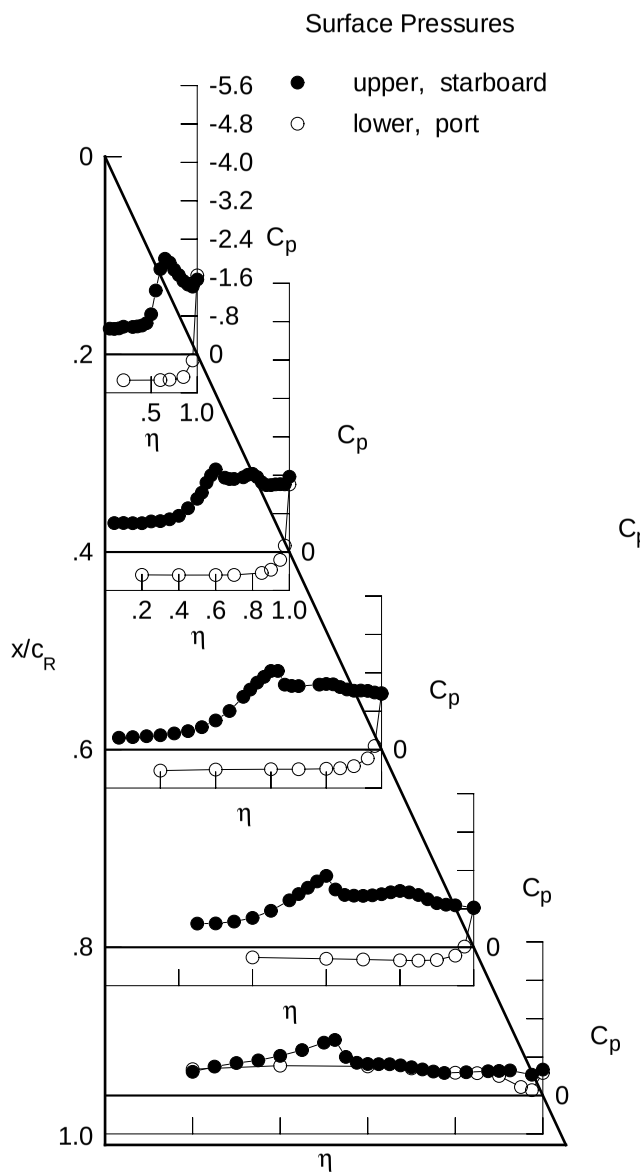
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.2747	*******
0.20	-1.5002	-1.5834
0.30	-1.4547	*******
0.40	-1.4664	-1.3210
0.50	-1.4148	*******
0.60	-1.1049	-1.1117
0.70	-1.0389	*******
0.80	-0.8421	-0.8426
0.90	*******	*******
0.95	-0.4766	-0.4189

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	-0.5363	-0.6035	-0.2482	*******	*******
0.100	-0.5300	-0.6047	-0.2608	*******	*******
0.150	-0.5418	-0.6011	-0.2800	*******	*******
0.200	-0.5771	-0.6007	-0.3003	*******	-0.4940
0.250	*******	-0.6373	-0.3373	-0.4933	-0.6026
0.300	-0.5711	-0.6440	-0.3857	-0.4965	-0.6764
0.350	-0.5820	-0.6826	-0.4681	-0.5354	-0.7321
0.400	-0.6008	-0.7541	-0.6081	-0.6118	-0.8263
0.450	-0.6501	-0.9132	-0.8045	-0.7598	-0.9461
0.500	-0.8357	-1.1093	-1.1001	-0.9783	-1.1009
0.525	*******	-1.2371	-1.2509	-1.1088	-1.1576
0.550	-1.3315	-1.4443	-1.3964	-1.2411	-0.8042
0.575	*******	-1.5979	-1.5161	-1.3717	-0.6820
0.600	-1.7774	-1.7219	-1.6392	-1.4878	-0.6571
0.625	*******	*******	-1.6402	-1.2039	-0.6530
0.650	-1.9922	-1.5489	-1.3533	-1.0903	-0.6514
0.675	*******	-1.5209	-1.3272	-1.0750	-0.6276
0.700	-1.9129	-1.5223	-1.3236	-1.0716	-0.5885
0.725	*******	*******	*******	-1.0823	-0.5433
0.750	-1.7658	-1.5570	*******	-1.1057	-0.4993
0.775	*******	-1.6096	-1.3541	-1.1454	-0.4696
0.800	-1.6524	-1.6291	-1.3683	-1.1733	*******
0.825	*******	-1.5614	-1.3606	-1.1443	-0.4850
0.850	-1.5300	-1.4518	-1.3037	-1.0895	*******
0.875	*******	-1.3936	-1.2534	-1.0008	-0.5059
0.900	-1.4541	-1.3943	-1.2270	-0.9195	-0.5122
0.925	*******	-1.4097	-1.2310	-0.8874	-0.5222
0.950	-1.4115	-1.4139	-1.2241	-0.8736	*******
0.975	*******	-1.4107	-1.1907	*******	-0.4325
1.000	-1.5593	-1.5691	-1.1613	-0.8290	-0.5397
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5386	0.4758	0.4369	*******	-0.5478
-0.400	*******	0.4804	0.4151	0.2114	-0.6216
-0.600	0.5350	0.4794	0.4083	0.2392	-0.6062
-0.700	0.5259	0.4773	0.4081	0.2542	-0.5651
-0.800	*******	*******	0.3987	0.2722	-0.4745
-0.850	0.4714	0.4356	0.3877	0.2774	-0.4652
-0.900	*******	0.3688	0.3438	0.2654	-0.4075
-0.950	0.1257	0.1630	0.1828	0.1739	-0.1764
-0.975	*******	-0.1325	-0.0762	-0.0145	-0.1110
-1.000	-1.6453	-1.4080	-1.1771	-0.8175	-0.4696



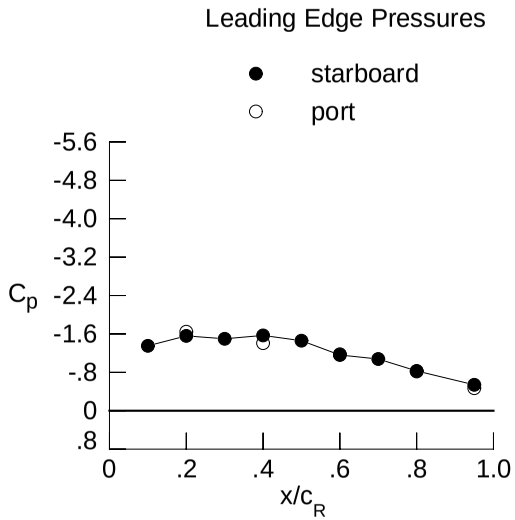
Large Radius L.E.

Run No. = 75 , Point No. = 1592

C_N = 1.063, C_m = -0.1446

α = 22.5 °, M_∞ = 0.798

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

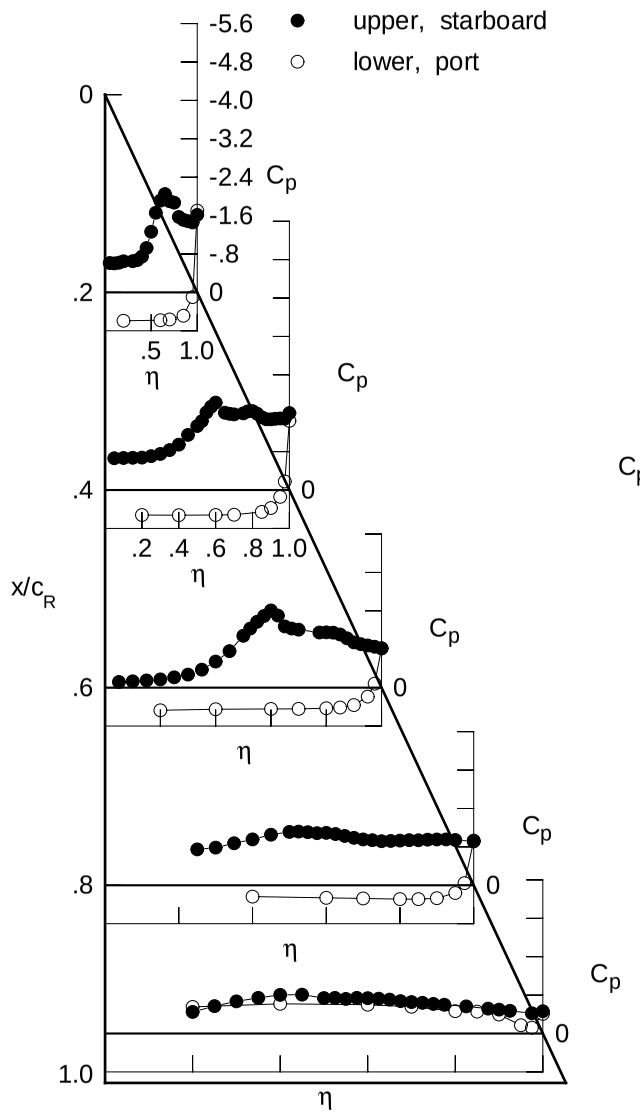


x/c_R	starb'd C_p	port C_p
0.10	-1.3523	*******
0.20	-1.5593	-1.6453
0.30	-1.4988	*******
0.40	-1.5691	-1.4080
0.50	-1.4589	*******
0.60	-1.1613	-1.1771
0.70	-1.0773	*******
0.80	-0.8290	-0.8175
0.90	*******	*******
0.95	-0.5397	-0.4696

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	-0.6122	-0.6622	-0.1181	*******	*******
0.100	-0.6039	-0.6681	-0.1323	*******	*******
0.150	-0.6182	-0.6721	-0.1507	*******	*******
0.200	-0.6477	-0.6761	-0.1717	*******	-0.4494
0.250	*******	-0.7057	-0.2142	-0.7477	-0.5703
0.300	-0.6499	-0.7524	-0.2718	-0.7848	-0.6697
0.350	-0.6740	-0.8332	-0.3745	-0.8753	-0.7424
0.400	-0.7465	-0.9457	-0.5435	-0.9560	-0.8051
0.450	-0.9252	-1.1489	-0.7604	-1.0537	-0.8094
0.500	-1.2632	-1.3333	-1.0803	-1.1124	-0.7388
0.525	*******	-1.4355	-1.2315	-1.1183	-0.7413
0.550	-1.6589	-1.6166	-1.3721	-1.1058	-0.7210
0.575	*******	-1.7349	-1.4928	-1.0853	-0.7426
0.600	-1.9109	-1.8219	-1.6076	-1.0917	-0.7362
0.625	*******	*******	-1.5013	-1.0684	-0.7255
0.650	-2.0484	-1.6105	-1.2751	-1.0279	-0.7060
0.675	*******	-1.5886	-1.2312	-0.9890	-0.6748
0.700	-1.8992	-1.5760	-1.2077	-0.9551	-0.6555
0.725	*******	*******	*******	-0.9395	-0.6391
0.750	-1.8699	-1.5971	*******	-0.9184	-0.6168
0.775	*******	-1.6402	-1.1491	-0.9244	-0.5995
0.800	-1.5713	-1.6445	-1.1522	-0.9314	*******
0.825	*******	-1.5906	-1.1456	-0.9403	-0.5650
0.850	-1.5110	-1.5166	-1.1073	-0.9388	*******
0.875	*******	-1.4748	-1.0283	-0.9508	-0.5181
0.900	-1.4832	-1.4725	-0.9425	-0.9547	-0.4977
0.925	*******	-1.4852	-0.9052	-0.9555	-0.4730
0.950	-1.4570	-1.4909	-0.8785	-0.9439	*******
0.975	*******	-1.4868	-0.8524	*******	-0.4212
1.000	-1.6149	-1.6043	-0.8191	-0.9146	-0.4643
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5913	0.5211	0.4718	*******	-0.5540
-0.400	*******	0.5240	0.4501	0.2356	-0.6187
-0.600	0.5799	0.5203	0.4438	0.2617	-0.5997
-0.700	0.5637	0.5147	0.4426	0.2741	-0.5577
-0.800	*******	*******	0.4294	0.2883	-0.4654
-0.850	0.4861	0.4561	0.4144	0.2889	-0.4560
-0.900	*******	0.3747	0.3629	0.2691	-0.3951
-0.950	0.0980	0.1420	0.1870	0.1606	-0.1718
-0.975	*******	-0.1780	-0.0825	-0.0449	-0.1220
-1.000	-1.7032	-1.4416	-0.8174	-0.9312	-0.4092

Surface Pressures



Large Radius L.E.

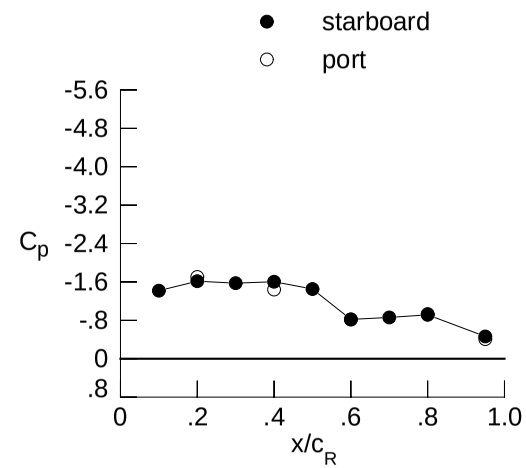
Run No. = 75 , Point No. = 1593

C_N = 1.111, C_m = -0.1563

α = 24.5 °, M_∞ = 0.798

R_{mac} = 59.9×10^6

Leading Edge Pressures

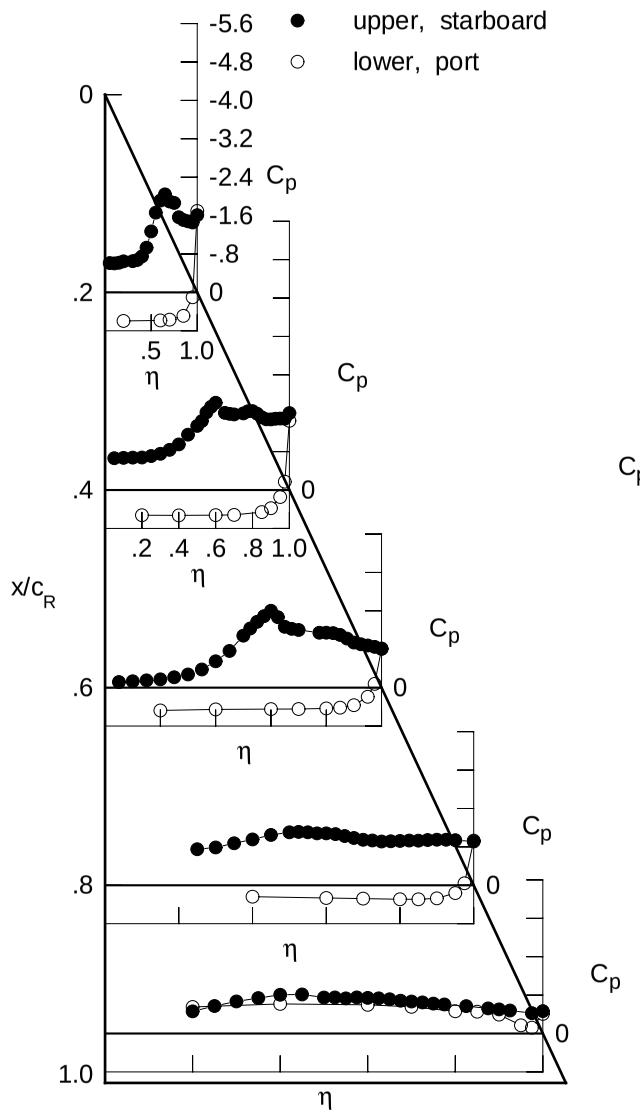


x/c_R	starb'd C_p	port C_p
0.10	-1.4179	*******
0.20	-1.6149	-1.7032
0.30	-1.5746	*******
0.40	-1.6043	-1.4416
0.50	-1.4523	*******
0.60	-0.8191	-0.8174
0.70	-0.8604	*******
0.80	-0.9146	-0.9312
0.90	*******	*******
0.95	-0.4643	-0.4092

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	-0.6111	-0.6635	-0.1171	*******	*******
0.100	-0.6036	-0.6706	-0.1325	*******	*******
0.150	-0.6179	-0.6750	-0.1518	*******	*******
0.200	-0.6473	-0.6779	-0.1725	*******	-0.4613
0.250	*******	-0.7082	-0.2160	-0.7514	-0.5731
0.300	-0.6500	-0.7552	-0.2747	-0.7879	-0.6683
0.350	-0.6752	-0.8374	-0.3785	-0.8751	-0.7385
0.400	-0.7498	-0.9506	-0.5488	-0.9551	-0.8070
0.450	-0.9316	-1.1539	-0.7647	-1.0489	-0.8138
0.500	-1.2706	-1.3362	-1.0827	-1.1042	-0.7500
0.525	*******	-1.4378	-1.2329	-1.1123	-0.7516
0.550	-1.6614	-1.6179	-1.3712	-1.1039	-0.7322
0.575	*******	-1.7342	-1.4895	-1.0814	-0.7517
0.600	-1.9117	-1.8182	-1.6016	-1.0817	-0.7422
0.625	*******	*******	-1.4683	-1.0662	-0.7331
0.650	-2.0425	-1.6076	-1.2669	-1.0263	-0.7136
0.675	*******	-1.5884	-1.2248	-0.9854	-0.6833
0.700	-1.8939	-1.5752	-1.2020	-0.9481	-0.6664
0.725	*******	*******	*******	-0.9338	-0.6479
0.750	-1.8637	-1.5961	*******	-0.9122	-0.6233
0.775	*******	-1.6410	-1.1441	-0.9167	-0.6057
0.800	-1.5652	-1.6443	-1.1452	-0.9238	*******
0.825	*******	-1.5902	-1.1363	-0.9322	-0.5707
0.850	-1.5089	-1.5151	-1.0988	-0.9300	*******
0.875	*******	-1.4734	-1.0223	-0.9431	-0.5232
0.900	-1.4809	-1.4716	-0.9391	-0.9493	-0.5021
0.925	*******	-1.4854	-0.9041	-0.9487	-0.4790
0.950	-1.4561	-1.4893	-0.8787	-0.9397	*******
0.975	*******	-1.4853	-0.8499	*******	-0.4241
1.000	-1.6089	-1.6034	-0.8152	-0.9129	-0.4662
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5951	0.5250	0.4748	*******	-0.5529
-0.400	*******	0.5277	0.4537	0.2378	-0.6164
-0.600	0.5840	0.5235	0.4470	0.2645	-0.5975
-0.700	0.5680	0.5182	0.4453	0.2776	-0.5558
-0.800	*******	*******	0.4326	0.2910	-0.4635
-0.850	0.4888	0.4598	0.4176	0.2918	-0.4544
-0.900	*******	0.3783	0.3658	0.2719	-0.3937
-0.950	0.1019	0.1455	0.1906	0.1627	-0.1707
-0.975	*******	-0.1738	-0.0782	-0.0425	-0.1214
-1.000	-1.6965	-1.4421	-0.8064	-0.9303	-0.4080

Surface Pressures



Large Radius L.E.

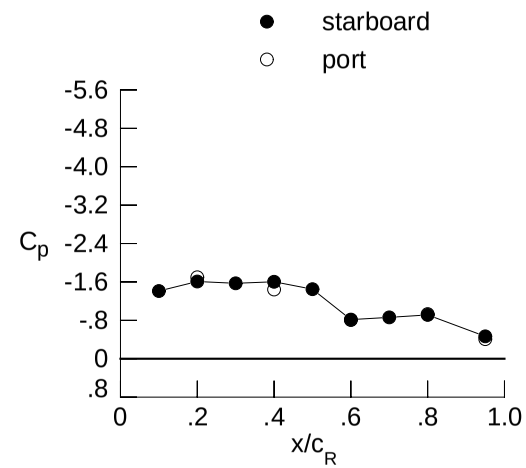
Run No. = 75 , Point No. = 1594

C_N = 1.112, C_m = -0.1567

α = 24.5 °, M_∞ = 0.799

R_{mac} = 60.0×10^6

Leading Edge Pressures

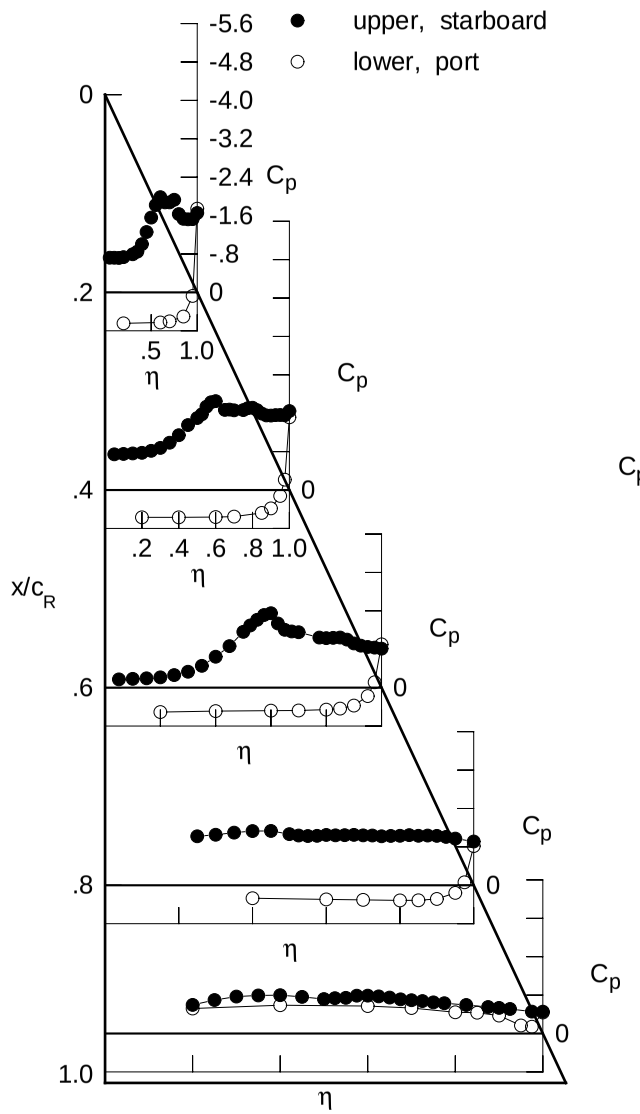


x/c_R	starb'd C_p	port C_p
0.10	-1.4107	*******
0.20	-1.6089	-1.6965
0.30	-1.5715	*******
0.40	-1.6034	-1.4421
0.50	-1.4484	*******
0.60	-0.8152	-0.8064
0.70	-0.8616	*******
0.80	-0.9129	-0.9303
0.90	*******	*******
0.95	-0.4662	-0.4080

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	-0.7222	-0.7442	-0.1723	*******	*******
0.100	-0.7213	-0.7517	-0.1833	*******	*******
0.150	-0.7177	-0.7628	-0.1945	*******	*******
0.200	-0.7345	-0.7753	-0.2140	*******	-0.5961
0.250	*******	-0.8164	-0.2617	-1.0205	-0.6976
0.300	-0.7947	-0.8779	-0.3310	-1.0529	-0.7693
0.350	-0.8491	-0.9855	-0.4547	-1.0968	-0.7931
0.400	-1.0052	-1.1421	-0.6438	-1.1299	-0.7987
0.450	-1.2577	-1.3538	-0.8644	-1.1320	-0.7635
0.500	-1.5585	-1.4999	-1.1627	-1.0656	-0.7175
0.525	*******	-1.5777	-1.2951	-1.0366	-0.7362
0.550	-1.8194	-1.7360	-1.4125	-1.0260	-0.7434
0.575	*******	-1.8284	-1.5131	-1.0301	-0.7878
0.600	-1.9837	-1.8518	-1.5507	-1.0490	-0.7886
0.625	*******	*******	-1.3369	-1.0408	-0.7737
0.650	-1.8756	-1.6699	-1.2049	-1.0439	-0.7485
0.675	*******	-1.6757	-1.1701	-1.0501	-0.7123
0.700	-1.8753	-1.6604	-1.1546	-1.0401	-0.6933
0.725	*******	*******	*******	-1.0367	-0.6759
0.750	-1.9295	-1.6655	*******	-1.0210	-0.6491
0.775	*******	-1.7054	-1.0435	-1.0282	-0.6312
0.800	-1.6309	-1.7143	-1.0316	-1.0311	*******
0.825	*******	-1.6639	-1.0377	-1.0451	-0.5944
0.850	-1.5324	-1.5937	-1.0443	-1.0316	*******
0.875	*******	-1.5541	-1.0006	-1.0358	-0.5521
0.900	-1.5226	-1.5509	-0.9206	-1.0300	-0.5339
0.925	*******	-1.5604	-0.8740	-1.0078	-0.5110
0.950	-1.5266	-1.5636	-0.8471	-0.9728	*******
0.975	*******	-1.5577	-0.8334	*******	-0.4561
1.000	-1.6545	-1.6456	-0.8119	-0.9124	-0.4552
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.6450	0.5689	0.5090	*******	-0.5205
-0.400	*******	0.5692	0.4888	0.2696	-0.5895
-0.600	0.6272	0.5630	0.4794	0.2941	-0.5720
-0.700	0.6032	0.5539	0.4761	0.3041	-0.5314
-0.800	*******	*******	0.4581	0.3153	-0.4422
-0.850	0.5028	0.4768	0.4366	0.3129	-0.4332
-0.900	*******	0.3825	0.3733	0.2846	-0.3737
-0.950	0.0737	0.1233	0.1757	0.1587	-0.1672
-0.975	*******	-0.2162	-0.1118	-0.0627	-0.1416
-1.000	-1.7442	-1.5152	-0.9016	-0.8170	-0.4378

Surface Pressures



Large Radius L.E.

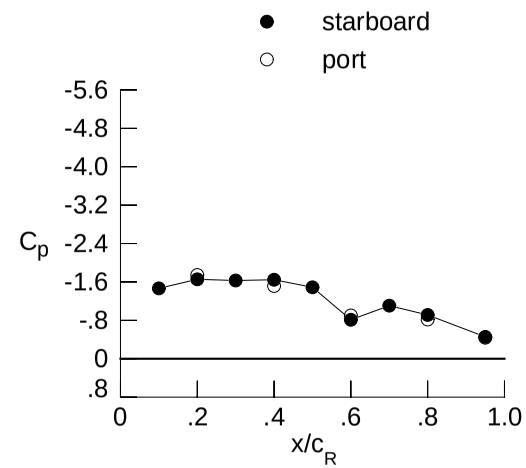
Run No. = 75 , Point No. = 1595

C_N = 1.174, C_m = -0.1598

α = 26.5 °, M_∞ = 0.800

R_{mac} = 60.0×10^6

Leading Edge Pressures

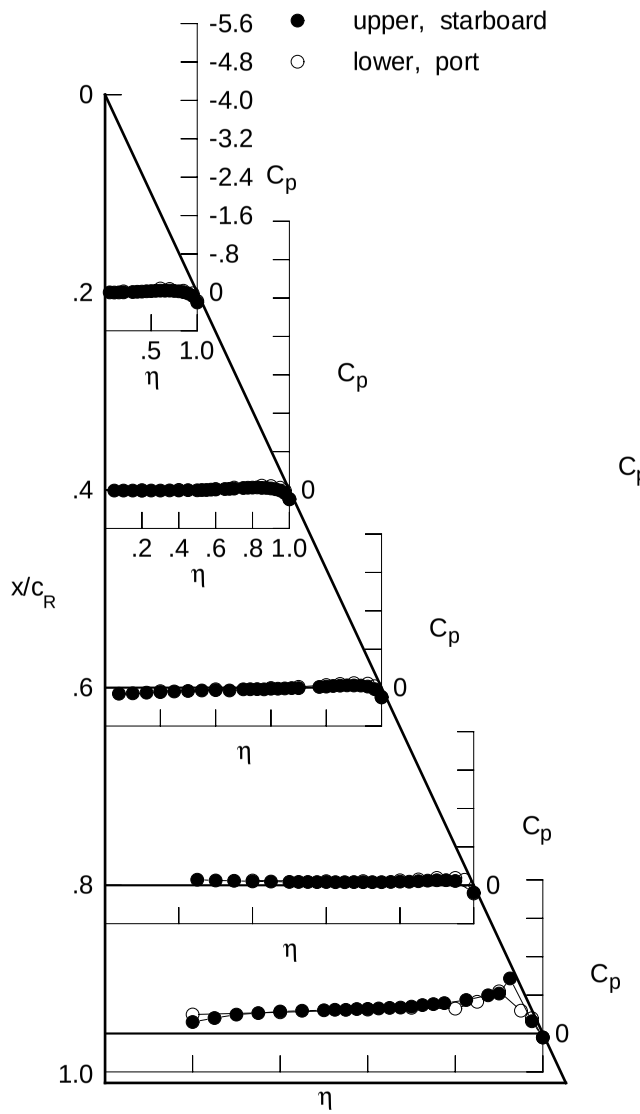


x/c_R	starb'd Cp	port Cp
0.10	-1.4658	*******
0.20	-1.6545	-1.7442
0.30	-1.6298	*******
0.40	-1.6456	-1.5152
0.50	-1.4884	*******
0.60	-0.8119	-0.9016
0.70	-1.1053	*******
0.80	-0.9124	-0.8170
0.90	*******	*******
0.95	-0.4552	-0.4378

Table E3. 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	-0.0001	0.0109	0.1264	*******	*******
0.100	0.0031	0.0112	0.1180	*******	*******
0.150	0.0007	0.0111	0.1050	*******	*******
0.200	-0.0007	0.0152	0.0928	*******	-0.2396
0.250	*******	0.0100	0.0801	-0.1159	-0.3222
0.300	-0.0075	0.0109	0.0696	-0.1004	-0.3933
0.350	-0.0126	0.0078	0.0590	-0.0934	-0.4255
0.400	-0.0164	0.0088	0.0521	-0.0812	-0.4585
0.450	-0.0236	0.0028	0.0591	-0.0773	-0.4746
0.500	-0.0264	0.0052	0.0351	-0.0705	-0.4843
0.525	*******	-0.0001	0.0332	-0.0696	-0.4948
0.550	-0.0324	-0.0009	0.0310	-0.0686	-0.4929
0.575	*******	-0.0080	0.0356	-0.0666	-0.5097
0.600	-0.0360	-0.0114	0.0224	-0.0679	-0.5131
0.625	*******	*******	0.0226	-0.0646	-0.5212
0.650	-0.0351	-0.0211	0.0171	-0.0637	-0.5335
0.675	*******	-0.0246	0.0098	-0.0661	-0.5404
0.700	-0.0367	-0.0296	0.0101	-0.0645	-0.5602
0.725	*******	*******	*******	-0.0647	-0.5917
0.750	-0.0308	-0.0422	*******	-0.0650	-0.6120
0.775	*******	-0.0482	-0.0147	-0.0698	-0.6325
0.800	-0.0223	-0.0503	-0.0219	-0.0762	*******
0.825	*******	-0.0541	-0.0340	-0.0744	-0.6972
0.850	-0.0058	-0.0446	-0.0408	-0.0852	*******
0.875	*******	-0.0449	-0.0473	-0.0970	-0.7960
0.900	0.0219	-0.0328	-0.0447	-0.1050	-0.8317
0.925	*******	-0.0166	-0.0432	-0.1065	-1.1475
0.950	0.0720	0.0099	-0.0222	-0.0899	*******
0.975	*******	0.0644	0.0316	*******	-0.2554
1.000	0.2103	0.1945	0.2044	0.1531	0.0819
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0205	0.0019	0.0735	*******	-0.3957
-0.400	*******	-0.0025	0.0344	-0.0996	-0.4414
-0.600	-0.0808	-0.0209	0.0077	-0.0859	-0.4980
-0.700	-0.0711	-0.0511	-0.0166	-0.0861	-0.5351
-0.800	*******	*******	-0.0541	-0.1037	-0.5183
-0.850	-0.0348	-0.0910	-0.0765	-0.1219	-0.6611
-0.900	*******	-0.0826	-0.0936	-0.1536	-0.8786
-0.950	0.0187	-0.0491	-0.0831	-0.1527	-0.4760
-0.975	*******	0.0058	-0.0298	-0.1145	-0.3194
-1.000	0.1785	0.1859	0.1928	0.1706	0.0830

Surface Pressures



Large Radius L.E.

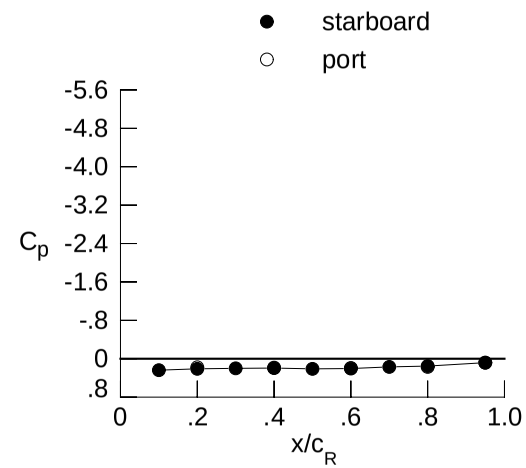
Run No. = 75 , Point No. = 1596

C_N = -0.025, C_m = 0.0049

α = -0.6 °, M_∞ = 0.798

R_{mac} = 60.3×10^6

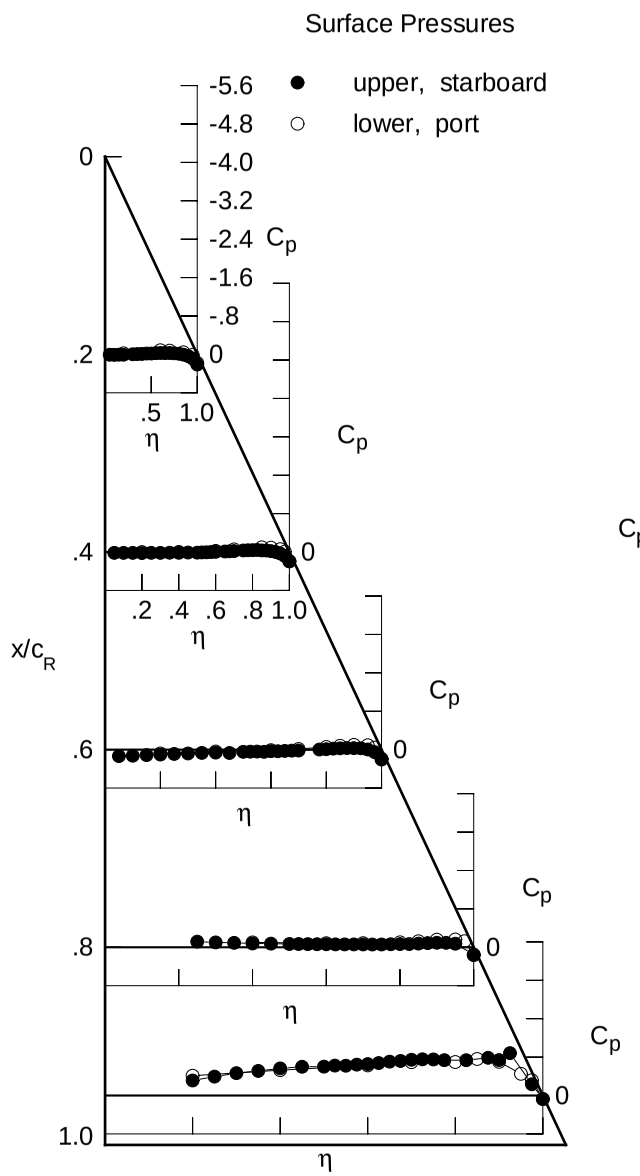
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2384	*******
0.20	0.2103	0.1785
0.30	0.2003	*******
0.40	0.1945	0.1859
0.50	0.2109	*******
0.60	0.2044	0.1928
0.70	0.1701	*******
0.80	0.1531	0.1706
0.90	*******	*******
0.95	0.0819	0.0830

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	0.0070	0.0170	0.1354	*******	*******
0.100	0.0099	0.0175	0.1261	*******	*******
0.150	0.0062	0.0173	0.1133	*******	*******
0.200	0.0062	0.0216	0.1025	*******	-0.3124
0.250	*******	0.0167	0.0894	-0.1174	-0.3936
0.300	-0.0024	0.0174	0.0800	-0.1016	-0.4653
0.350	-0.0071	0.0143	0.0683	-0.0931	-0.5123
0.400	-0.0095	0.0154	0.0618	-0.0801	-0.5647
0.450	-0.0172	0.0103	0.0700	-0.0759	-0.5988
0.500	-0.0177	0.0124	0.0453	-0.0691	-0.6015
0.525	*******	0.0082	0.0426	-0.0677	-0.6231
0.550	-0.0257	0.0055	0.0398	-0.0654	-0.6211
0.575	*******	0.0000	0.0455	-0.0636	-0.6431
0.600	-0.0290	-0.0039	0.0318	-0.0633	-0.6540
0.625	*******	*******	0.0340	-0.0605	-0.6762
0.650	-0.0272	-0.0110	0.0266	-0.0597	-0.7057
0.675	*******	-0.0152	0.0205	-0.0602	-0.7190
0.700	-0.0286	-0.0202	0.0187	-0.0589	-0.7451
0.725	*******	*******	*******	-0.0579	-0.7546
0.750	-0.0225	-0.0329	*******	-0.0583	-0.7514
0.775	*******	-0.0370	-0.0021	-0.0633	-0.7362
0.800	-0.0139	-0.0387	-0.0091	-0.0673	*******
0.825	*******	-0.0429	-0.0209	-0.0675	-0.7355
0.850	0.0044	-0.0333	-0.0274	-0.0767	*******
0.875	*******	-0.0318	-0.0330	-0.0873	-0.7857
0.900	0.0341	-0.0191	-0.0307	-0.0947	-0.7381
0.925	*******	-0.0013	-0.0278	-0.0925	-0.8823
0.950	0.0872	0.0293	-0.0034	-0.0743	*******
0.975	*******	0.0819	0.0521	*******	-0.2342
1.000	0.2112	0.1957	0.2061	0.1512	0.0734
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0221	-0.0001	0.0793	*******	-0.4128
-0.400	*******	-0.0023	0.0390	-0.1019	-0.5281
-0.600	-0.0867	-0.0240	0.0115	-0.0847	-0.6269
-0.700	-0.0788	-0.0544	-0.0136	-0.0854	-0.6942
-0.800	*******	*******	-0.0554	-0.1038	-0.6980
-0.850	-0.0439	-0.0982	-0.0798	-0.1253	-0.7606
-0.900	*******	-0.0915	-0.0988	-0.1590	-0.7012
-0.950	0.0077	-0.0601	-0.0920	-0.1626	-0.4524
-0.975	*******	-0.0080	-0.0422	-0.1272	-0.3181
-1.000	0.1760	0.1884	0.1903	0.1641	0.0727



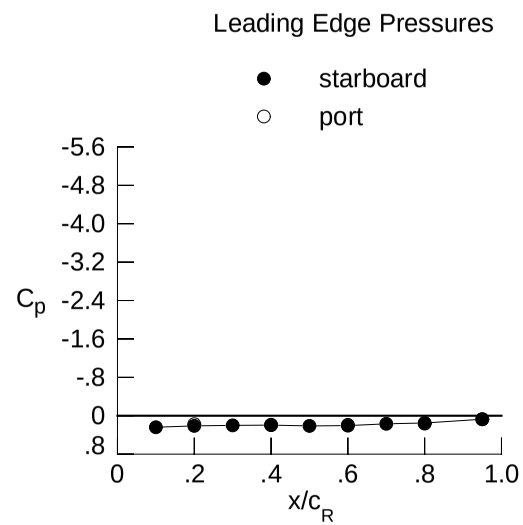
Large Radius L.E.

Run No. = 72 , Point No. = 1505

C_N = -0.037, C_m = 0.0104

α = -0.7 °, M_∞ = 0.829

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

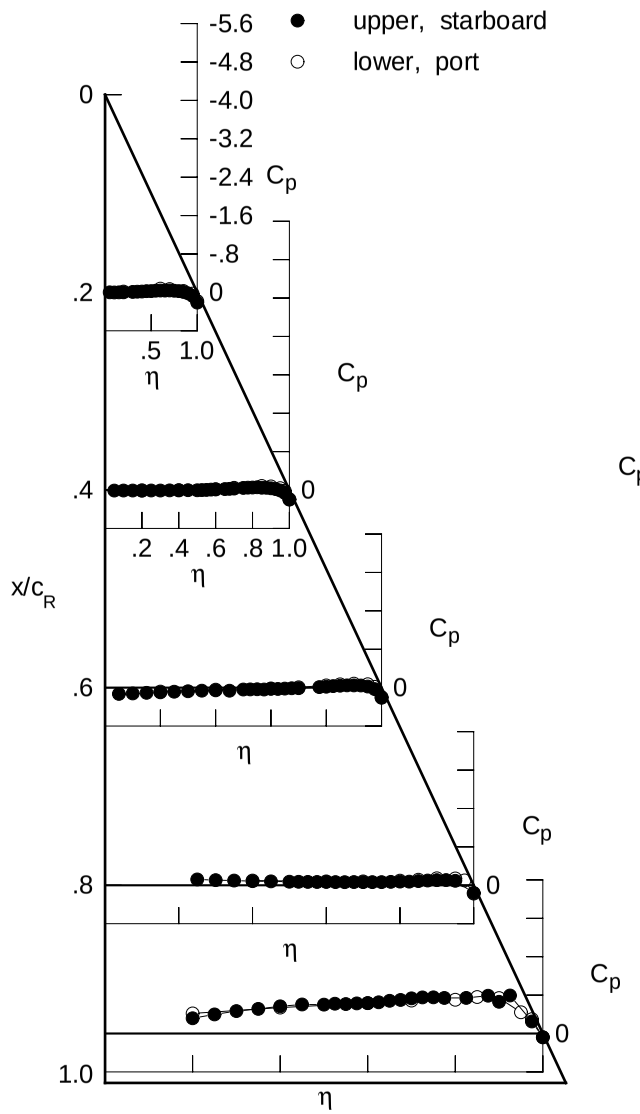


x/c_R	starb'd C_p	port C_p
0.10	0.2402	*******
0.20	0.2112	0.1760
0.30	0.2011	*******
0.40	0.1957	0.1884
0.50	0.2119	*******
0.60	0.2061	0.1903
0.70	0.1684	*******
0.80	0.1512	0.1641
0.90	*******	*******
0.95	0.0734	0.0727

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	-0.0014	0.0111	0.1302	*******	*******
0.100	0.0018	0.0107	0.1208	*******	*******
0.150	-0.0008	0.0108	0.1077	*******	*******
0.200	-0.0018	0.0151	0.0974	*******	-0.3177
0.250	*******	0.0094	0.0844	-0.1219	-0.3979
0.300	-0.0093	0.0106	0.0748	-0.1071	-0.4670
0.350	-0.0147	0.0075	0.0630	-0.0983	-0.5129
0.400	-0.0177	0.0083	0.0560	-0.0859	-0.5668
0.450	-0.0256	0.0032	0.0640	-0.0815	-0.6046
0.500	-0.0267	0.0051	0.0389	-0.0740	-0.6012
0.525	*******	0.0006	0.0370	-0.0731	-0.6207
0.550	-0.0348	-0.0025	0.0336	-0.0706	-0.6134
0.575	*******	-0.0087	0.0392	-0.0689	-0.6272
0.600	-0.0382	-0.0118	0.0250	-0.0697	-0.6322
0.625	*******	*******	0.0272	-0.0663	-0.6507
0.650	-0.0374	-0.0198	0.0199	-0.0651	-0.6820
0.675	*******	-0.0248	0.0128	-0.0672	-0.6990
0.700	-0.0398	-0.0303	0.0112	-0.0653	-0.7327
0.725	*******	*******	*******	-0.0657	-0.7519
0.750	-0.0343	-0.0438	*******	-0.0657	-0.7538
0.775	*******	-0.0494	-0.0112	-0.0713	-0.7407
0.800	-0.0265	-0.0516	-0.0196	-0.0766	*******
0.825	*******	-0.0574	-0.0321	-0.0761	-0.7418
0.850	-0.0097	-0.0481	-0.0399	-0.0871	*******
0.875	*******	-0.0471	-0.0472	-0.0989	-0.7874
0.900	0.0193	-0.0357	-0.0460	-0.1075	-0.6610
0.925	*******	-0.0197	-0.0451	-0.1089	-0.7923
0.950	0.0725	0.0088	-0.0235	-0.0933	*******
0.975	*******	0.0610	0.0304	*******	-0.2504
1.000	0.2130	0.1996	0.2110	0.1588	0.0796
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0167	0.0043	0.0823	*******	-0.4186
-0.400	*******	0.0015	0.0423	-0.0987	-0.5400
-0.600	-0.0785	-0.0176	0.0164	-0.0811	-0.6337
-0.700	-0.0691	-0.0468	-0.0074	-0.0808	-0.6865
-0.800	*******	*******	-0.0465	-0.0971	-0.7034
-0.850	-0.0297	-0.0846	-0.0684	-0.1160	-0.7602
-0.900	*******	-0.0748	-0.0835	-0.1455	-0.7387
-0.950	0.0249	-0.0391	-0.0711	-0.1425	-0.4421
-0.975	*******	0.0158	-0.0172	-0.1020	-0.2995
-1.000	0.1808	0.1930	0.1968	0.1729	0.0769

Surface Pressures



Large Radius L.E.

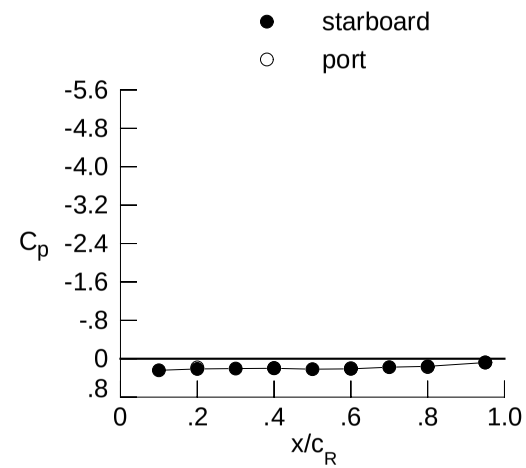
Run No. = 72 , Point No. = 1506

C_N = -0.023, C_m = 0.0073

α = -0.4 °, M_∞ = 0.830

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

Leading Edge Pressures

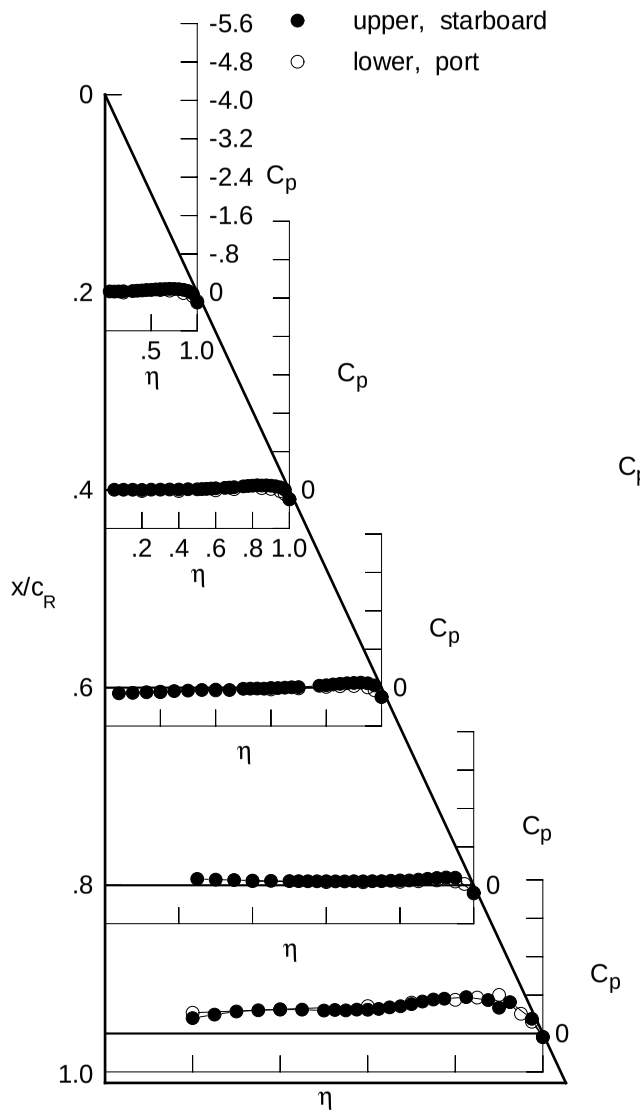


x/c_R	starb'd C_p	port C_p
0.10	0.2412	*******
0.20	0.2130	0.1808
0.30	0.2049	*******
0.40	0.1996	0.1930
0.50	0.2180	*******
0.60	0.2110	0.1968
0.70	0.1764	*******
0.80	0.1588	0.1729
0.90	*******	*******
0.95	0.0796	0.0769

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	-0.0198	-0.0065	0.1186	*******	*******
0.100	-0.0172	-0.0066	0.1088	*******	*******
0.150	-0.0200	-0.0061	0.0958	*******	*******
0.200	-0.0222	-0.0022	0.0847	*******	-0.3205
0.250	*******	-0.0079	0.0717	-0.1326	-0.3940
0.300	-0.0283	-0.0078	0.0618	-0.1179	-0.4587
0.350	-0.0351	-0.0111	0.0488	-0.1094	-0.4837
0.400	-0.0397	-0.0107	0.0418	-0.0979	-0.4984
0.450	-0.0494	-0.0169	0.0494	-0.0928	-0.4975
0.500	-0.0514	-0.0150	0.0237	-0.0872	-0.4780
0.525	*******	-0.0197	0.0205	-0.0860	-0.4907
0.550	-0.0618	-0.0239	0.0183	-0.0838	-0.4813
0.575	*******	-0.0309	0.0215	-0.0833	-0.4977
0.600	-0.0668	-0.0356	0.0074	-0.0837	-0.4955
0.625	*******	*******	0.0091	-0.0816	-0.5118
0.650	-0.0687	-0.0456	0.0010	-0.0809	-0.5449
0.675	*******	-0.0513	-0.0075	-0.0843	-0.5677
0.700	-0.0739	-0.0588	-0.0105	-0.0826	-0.6116
0.725	*******	*******	*******	-0.0847	-0.6660
0.750	-0.0710	-0.0761	*******	-0.0858	-0.7076
0.775	*******	-0.0848	-0.0394	-0.0940	-0.7247
0.800	-0.0667	-0.0905	-0.0498	-0.1020	*******
0.825	*******	-0.0989	-0.0663	-0.1010	-0.7575
0.850	-0.0537	-0.0934	-0.0793	-0.1177	*******
0.875	*******	-0.0968	-0.0911	-0.1352	-0.6965
0.900	-0.0291	-0.0898	-0.0977	-0.1520	-0.5368
0.925	*******	-0.0784	-0.1041	-0.1622	-0.6527
0.950	0.0199	-0.0561	-0.0905	-0.1580	*******
0.975	*******	-0.0098	-0.0466	*******	-0.3061
1.000	0.2110	0.1934	0.1948	0.1546	0.0775
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0032	0.0209	0.0946	*******	-0.4326
-0.400	*******	0.0207	0.0574	-0.0867	-0.5047
-0.600	-0.0496	0.0059	0.0366	-0.0661	-0.5708
-0.700	-0.0370	-0.0193	0.0149	-0.0621	-0.6436
-0.800	*******	*******	-0.0163	-0.0722	-0.7013
-0.850	0.0136	-0.0405	-0.0303	-0.0840	-0.7492
-0.900	*******	-0.0235	-0.0341	-0.1014	-0.8040
-0.950	0.0753	0.0232	-0.0058	-0.0792	-0.4112
-0.975	*******	0.0813	0.0561	-0.0275	-0.2450
-1.000	0.1845	0.1901	0.1936	0.1699	0.0690

Surface Pressures



Large Radius L.E.

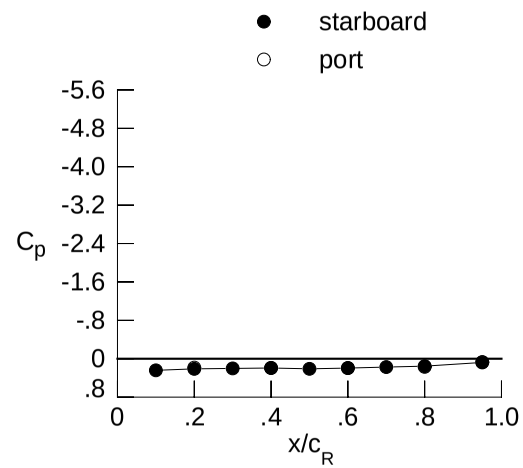
Run No. = 72 , Point No. = 1507

C_N = 0.017, C_m = 0.0012

α = 0.6 °, M_∞ = 0.830

R_{mac} = 60.1×10^6

Leading Edge Pressures

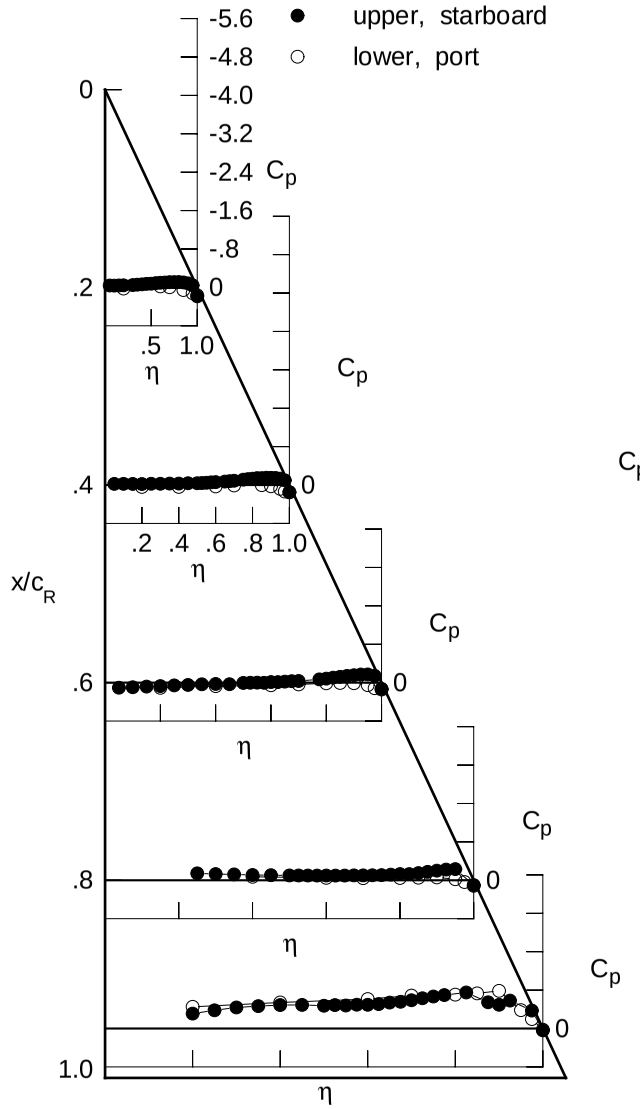


x/c_R	starb'd C_p	port C_p
0.10	0.2417	*******
0.20	0.2110	0.1845
0.30	0.2019	*******
0.40	0.1934	0.1901
0.50	0.2101	*******
0.60	0.1948	0.1936
0.70	0.1738	*******
0.80	0.1546	0.1699
0.90	*******	*******
0.95	0.0775	0.0690

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	-0.0396	-0.0237	0.1058	*******	*******
0.100	-0.0367	-0.0247	0.0961	*******	*******
0.150	-0.0405	-0.0232	0.0827	*******	*******
0.200	-0.0435	-0.0206	0.0717	*******	-0.3102
0.250	*******	-0.0261	0.0575	-0.1444	-0.3790
0.300	-0.0479	-0.0264	0.0481	-0.1298	-0.4384
0.350	-0.0565	-0.0305	0.0345	-0.1220	-0.4664
0.400	-0.0629	-0.0301	0.0270	-0.1104	-0.4885
0.450	-0.0735	-0.0377	0.0332	-0.1062	-0.4918
0.500	-0.0767	-0.0374	0.0062	-0.1008	-0.4747
0.525	*******	-0.0417	0.0025	-0.1004	-0.4881
0.550	-0.0892	-0.0469	-0.0001	-0.0991	-0.4790
0.575	*******	-0.0558	0.0029	-0.0980	-0.4961
0.600	-0.0969	-0.0607	-0.0123	-0.0996	-0.4940
0.625	*******	*******	-0.0114	-0.0976	-0.5091
0.650	-0.1019	-0.0724	-0.0208	-0.0980	-0.5397
0.675	*******	-0.0797	-0.0304	-0.1025	-0.5566
0.700	-0.1090	-0.0895	-0.0342	-0.1020	-0.5890
0.725	*******	*******	*******	-0.1051	-0.6301
0.750	-0.1099	-0.1123	*******	-0.1077	-0.6664
0.775	*******	-0.1231	-0.0683	-0.1176	-0.6966
0.800	-0.1111	-0.1324	-0.0833	-0.1293	*******
0.825	*******	-0.1444	-0.1036	-0.1288	-0.7502
0.850	-0.1029	-0.1440	-0.1218	-0.1505	*******
0.875	*******	-0.1521	-0.1404	-0.1756	-0.5465
0.900	-0.0839	-0.1502	-0.1542	-0.2007	-0.4944
0.925	*******	-0.1474	-0.1698	-0.2230	-0.5813
0.950	-0.0430	-0.1334	-0.1713	-0.2325	*******
0.975	*******	-0.0989	-0.1429	*******	-0.3739
1.000	0.1866	0.1475	0.1290	0.0999	0.0383
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0243	0.0391	0.1083	*******	-0.4516
-0.400	*******	0.0394	0.0725	-0.0731	-0.5421
-0.600	-0.0204	0.0290	0.0541	-0.0509	-0.6136
-0.700	-0.0033	0.0090	0.0366	-0.0444	-0.6860
-0.800	*******	*******	0.0134	-0.0478	-0.7055
-0.850	0.0552	0.0021	0.0064	-0.0541	-0.7319
-0.900	*******	0.0258	0.0121	-0.0601	-0.7845
-0.950	0.1209	0.0790	0.0518	-0.0227	-0.3824
-0.975	*******	0.1352	0.1164	0.0363	-0.1967
-1.000	0.1651	0.1531	0.1435	0.1155	0.0245

Surface Pressures



Large Radius L.E.

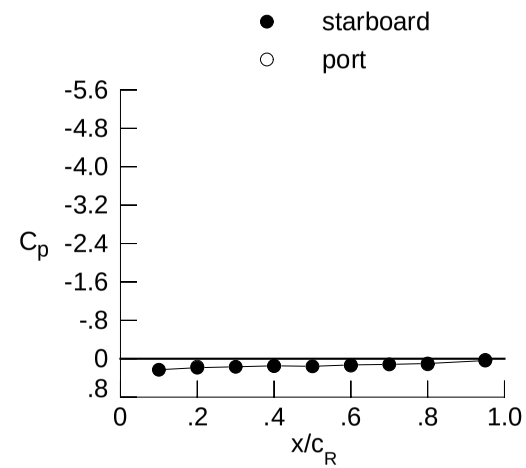
Run No. = 72 , Point No. = 1508

C_N = 0.058, C_m = -0.0045

α = 1.7 °, M_∞ = 0.830

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

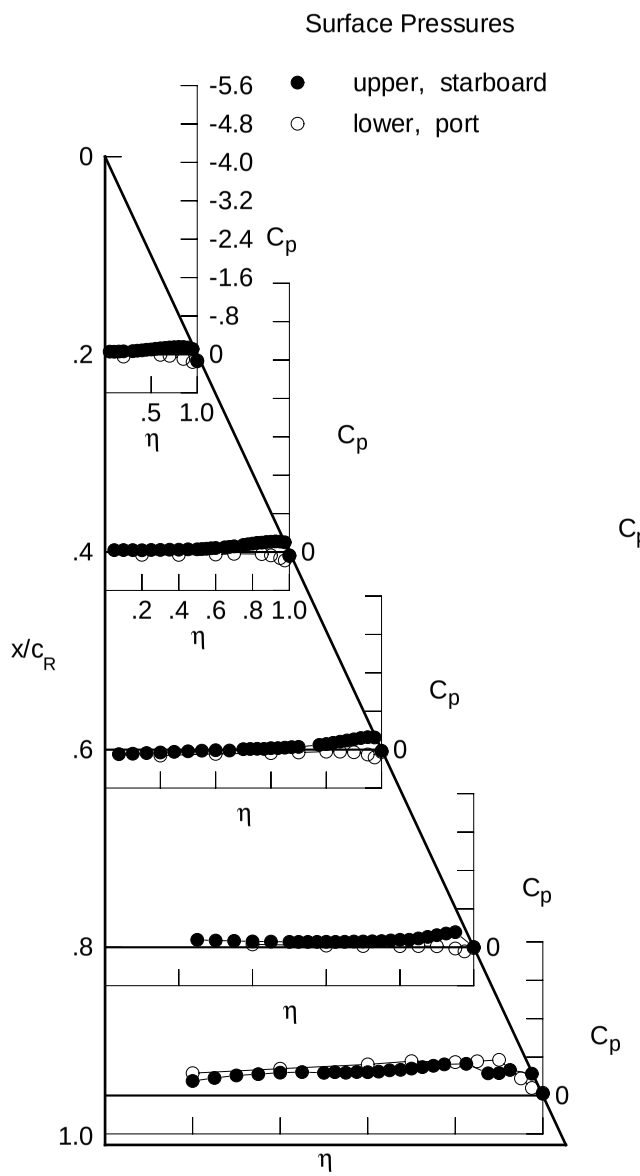
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2292	*******
0.20	0.1866	0.1651
0.30	0.1683	*******
0.40	0.1475	0.1531
0.50	0.1582	*******
0.60	0.1290	0.1435
0.70	0.1180	*******
0.80	0.0999	0.1155
0.90	*******	*******
0.95	0.0383	0.0245

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	-0.0578	-0.0401	0.0941	*******	*******
0.100	-0.0555	-0.0408	0.0844	*******	*******
0.150	-0.0588	-0.0403	0.0713	*******	*******
0.200	-0.0628	-0.0372	0.0595	*******	-0.3028
0.250	*******	-0.0430	0.0454	-0.1550	-0.3654
0.300	-0.0669	-0.0438	0.0347	-0.1403	-0.4178
0.350	-0.0765	-0.0487	0.0214	-0.1334	-0.4452
0.400	-0.0842	-0.0490	0.0124	-0.1213	-0.4759
0.450	-0.0965	-0.0564	0.0183	-0.1181	-0.4879
0.500	-0.1025	-0.0571	-0.0096	-0.1129	-0.4724
0.525	*******	-0.0621	-0.0138	-0.1131	-0.4864
0.550	-0.1169	-0.0688	-0.0177	-0.1117	-0.4747
0.575	*******	-0.0783	-0.0149	-0.1126	-0.4898
0.600	-0.1267	-0.0842	-0.0307	-0.1142	-0.4852
0.625	*******	*******	-0.0314	-0.1124	-0.4980
0.650	-0.1335	-0.0982	-0.0405	-0.1140	-0.5245
0.675	*******	-0.1075	-0.0523	-0.1197	-0.5354
0.700	-0.1447	-0.1193	-0.0575	-0.1206	-0.5604
0.725	*******	*******	*******	-0.1249	-0.5914
0.750	-0.1497	-0.1464	*******	-0.1291	-0.6189
0.775	*******	-0.1618	-0.0981	-0.1425	-0.6488
0.800	-0.1550	-0.1750	-0.1165	-0.1562	*******
0.825	*******	-0.1911	-0.1420	-0.1565	-0.6597
0.850	-0.1540	-0.1949	-0.1654	-0.1837	*******
0.875	*******	-0.2091	-0.1914	-0.2167	-0.4622
0.900	-0.1421	-0.2146	-0.2142	-0.2519	-0.4665
0.925	*******	-0.2215	-0.2414	-0.2861	-0.5318
0.950	-0.1122	-0.2188	-0.2596	-0.3153	*******
0.975	*******	-0.2020	-0.2537	*******	-0.4547
1.000	0.1436	0.0682	0.0235	-0.0054	-0.0356
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.0455	0.0578	0.1228	*******	-0.4659
-0.400	*******	0.0592	0.0883	-0.0599	-0.5585
-0.600	0.0088	0.0513	0.0730	-0.0354	-0.6478
-0.700	0.0286	0.0370	0.0587	-0.0261	-0.7152
-0.800	*******	*******	0.0419	-0.0243	-0.6957
-0.850	0.0946	0.0423	0.0413	-0.0256	-0.7129
-0.900	*******	0.0700	0.0539	-0.0222	-0.7434
-0.950	0.1587	0.1257	0.1005	0.0255	-0.3568
-0.975	*******	0.1753	0.1621	0.0859	-0.1570
-1.000	0.1253	0.0833	0.0487	0.0162	-0.0565



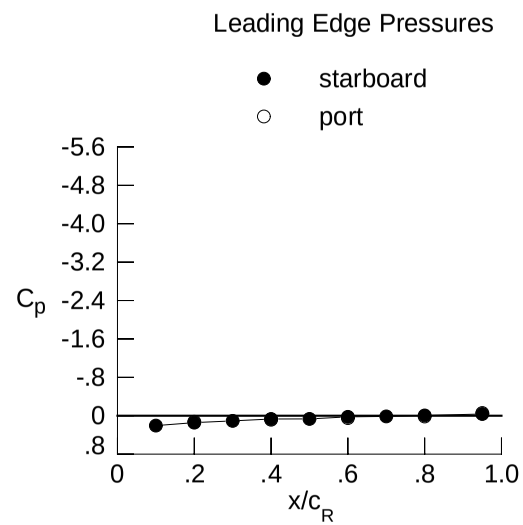
Large Radius L.E.

Run No. = 72 , Point No. = 1509

C_N = 0.101, C_m = -0.0123

α = 2.8 °, M_∞ = 0.830

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

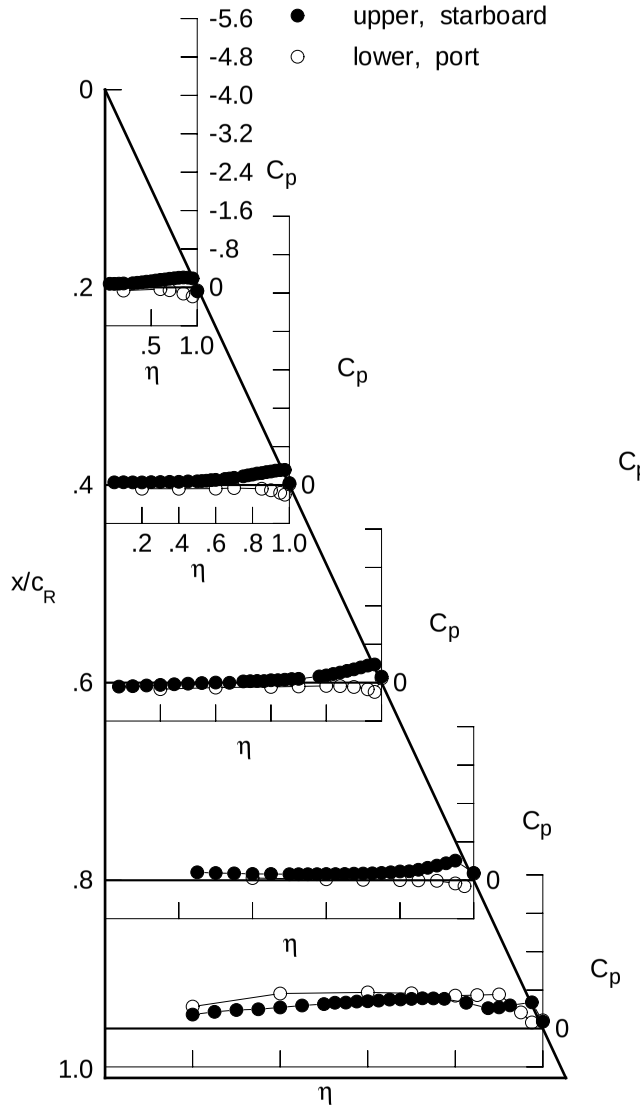


x/c_R	starb'd Cp	port Cp
0.10	0.2060	*******
0.20	0.1436	0.1253
0.30	0.1073	*******
0.40	0.0682	0.0833
0.50	0.0662	*******
0.60	0.0235	0.0487
0.70	0.0143	*******
0.80	-0.0054	0.0162
0.90	*******	*******
0.95	-0.0356	-0.0565

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	-0.0752	-0.0559	0.0822	*******	*******
0.100	-0.0738	-0.0573	0.0738	*******	*******
0.150	-0.0779	-0.0555	0.0596	*******	*******
0.200	-0.0818	-0.0544	0.0472	*******	-0.2905
0.250	*******	-0.0596	0.0334	-0.1664	-0.3468
0.300	-0.0857	-0.0620	0.0215	-0.1508	-0.3857
0.350	-0.0963	-0.0665	0.0084	-0.1439	-0.4009
0.400	-0.1054	-0.0673	-0.0020	-0.1321	-0.4387
0.450	-0.1191	-0.0760	0.0032	-0.1308	-0.4790
0.500	-0.1268	-0.0774	-0.0254	-0.1262	-0.5087
0.525	*******	-0.0836	-0.0303	-0.1264	-0.5365
0.550	-0.1434	-0.0897	-0.0350	-0.1265	-0.5403
0.575	*******	-0.1017	-0.0331	-0.1271	-0.5618
0.600	-0.1562	-0.1076	-0.0492	-0.1300	-0.5680
0.625	*******	*******	-0.0514	-0.1285	-0.5814
0.650	-0.1659	-0.1259	-0.0606	-0.1314	-0.6028
0.675	*******	-0.1356	-0.0745	-0.1376	-0.6052
0.700	-0.1799	-0.1500	-0.0792	-0.1402	-0.6165
0.725	*******	*******	*******	-0.1451	-0.6294
0.750	-0.1892	-0.1815	*******	-0.1530	-0.6269
0.775	*******	-0.2014	-0.1295	-0.1664	-0.6182
0.800	-0.2007	-0.2178	-0.1502	-0.1843	*******
0.825	*******	-0.2402	-0.1802	-0.1869	-0.5358
0.850	-0.2064	-0.2489	-0.2094	-0.2192	*******
0.875	*******	-0.2684	-0.2448	-0.2596	-0.4230
0.900	-0.2033	-0.2818	-0.2766	-0.3054	-0.4400
0.925	*******	-0.3000	-0.3169	-0.3546	-0.4813
0.950	-0.1872	-0.3113	-0.3552	-0.4095	*******
0.975	*******	-0.3162	-0.3786	*******	-0.5460
1.000	0.0819	-0.0418	-0.1260	-0.1537	-0.1422
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0665	0.0765	0.1359	*******	-0.4566
-0.400	*******	0.0777	0.1030	-0.0466	-0.7290
-0.600	0.0366	0.0749	0.0894	-0.0215	-0.7521
-0.700	0.0581	0.0628	0.0794	-0.0095	-0.7339
-0.800	*******	*******	0.0680	-0.0029	-0.6848
-0.850	0.1287	0.0775	0.0719	0.0006	-0.6963
-0.900	*******	0.1086	0.0904	0.0113	-0.7098
-0.950	0.1882	0.1625	0.1387	0.0653	-0.3352
-0.975	*******	0.2011	0.1935	0.1222	-0.1263
-1.000	0.0642	-0.0132	-0.0889	-0.1364	-0.1702

Surface Pressures



Large Radius L.E.

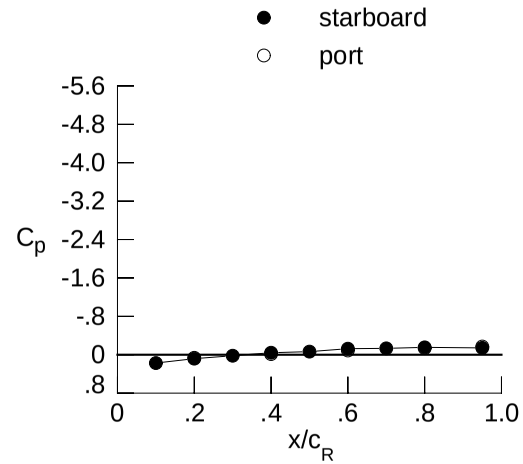
Run No. = 72 , Point No. = 1510

C_N = 0.140, C_m = -0.0178

α = 3.8 °, M_∞ = 0.830

R_{mac} = 60.0×10^6

Leading Edge Pressures

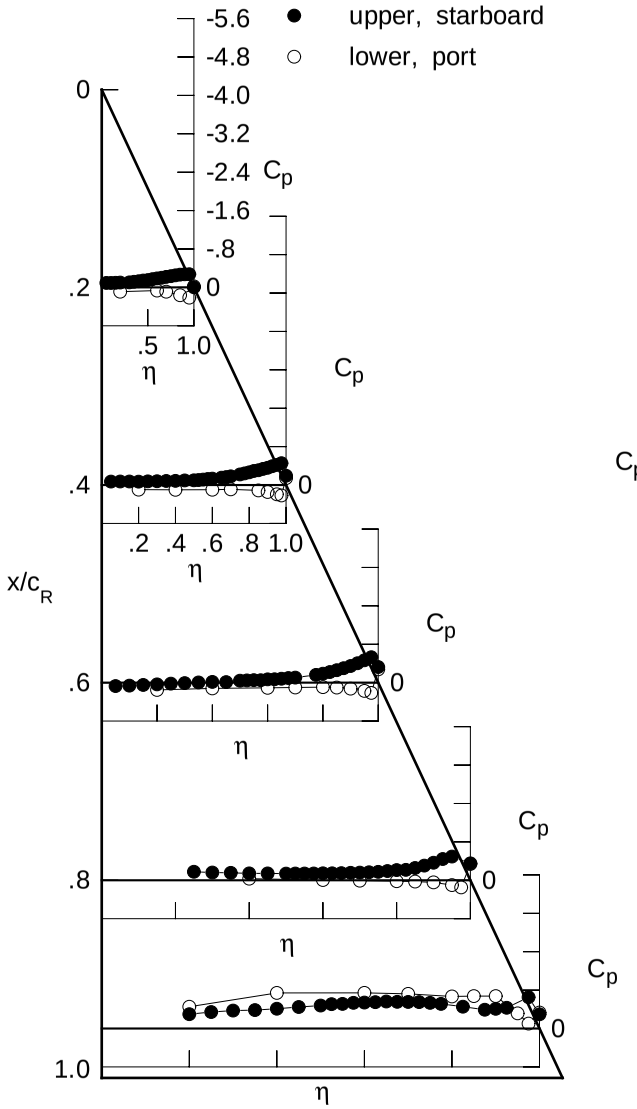


x/c_R	starb'd C_p	port C_p
0.10	0.1733	*******
0.20	0.0819	0.0642
0.30	0.0205	*******
0.40	-0.0418	-0.0132
0.50	-0.0645	*******
0.60	-0.1260	-0.0889
0.70	-0.1328	*******
0.80	-0.1537	-0.1364
0.90	*******	*******
0.95	-0.1422	-0.1702

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	-0.0930	-0.0721	0.0716	*******	*******
0.100	-0.0917	-0.0735	0.0623	*******	*******
0.150	-0.0963	-0.0732	0.0481	*******	*******
0.200	-0.1007	-0.0704	0.0359	*******	-0.2982
0.250	*******	-0.0768	0.0211	-0.1775	-0.3434
0.300	-0.1050	-0.0792	0.0093	-0.1618	-0.3734
0.350	-0.1172	-0.0848	-0.0043	-0.1550	-0.3837
0.400	-0.1277	-0.0870	-0.0152	-0.1444	-0.4120
0.450	-0.1433	-0.0959	-0.0108	-0.1429	-0.4477
0.500	-0.1522	-0.0985	-0.0410	-0.1388	-0.4782
0.525	*******	-0.1042	-0.0461	-0.1405	-0.5075
0.550	-0.1713	-0.1134	-0.0524	-0.1405	-0.5127
0.575	*******	-0.1258	-0.0504	-0.1419	-0.5354
0.600	-0.1871	-0.1339	-0.0690	-0.1454	-0.5405
0.625	*******	*******	-0.0700	-0.1455	-0.5484
0.650	-0.2011	-0.1537	-0.0817	-0.1491	-0.5626
0.675	*******	-0.1656	-0.0960	-0.1563	-0.5558
0.700	-0.2188	-0.1820	-0.1052	-0.1599	-0.5538
0.725	*******	*******	*******	-0.1672	-0.5504
0.750	-0.2335	-0.2208	*******	-0.1763	-0.5344
0.775	*******	-0.2424	-0.1613	-0.1931	-0.5129
0.800	-0.2509	-0.2652	-0.1863	-0.2128	*******
0.825	*******	-0.2925	-0.2208	-0.2173	-0.4548
0.850	-0.2660	-0.3083	-0.2589	-0.2562	*******
0.875	*******	-0.3361	-0.3011	-0.3054	-0.3909
0.900	-0.2730	-0.3593	-0.3467	-0.3658	-0.4106
0.925	*******	-0.3920	-0.4038	-0.4432	-0.4317
0.950	-0.2745	-0.4193	-0.4652	-0.4942	*******
0.975	*******	-0.4550	-0.5299	*******	-0.6521
1.000	-0.0021	-0.1933	-0.3260	-0.3531	-0.2957
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0894	0.0956	0.1517	*******	-0.4534
-0.400	*******	0.0995	0.1197	-0.0333	-0.7412
-0.600	0.0661	0.0974	0.1080	-0.0055	-0.7426
-0.700	0.0894	0.0896	0.1010	0.0081	-0.7220
-0.800	*******	*******	0.0939	0.0189	-0.6677
-0.850	0.1632	0.1123	0.1023	0.0265	-0.6749
-0.900	*******	0.1445	0.1245	0.0434	-0.6753
-0.950	0.2137	0.1930	0.1721	0.1000	-0.3157
-0.975	*******	0.2168	0.2134	0.1478	-0.1025
-1.000	-0.0216	-0.1442	-0.2767	-0.3397	-0.3328

Surface Pressures



Large Radius L.E.

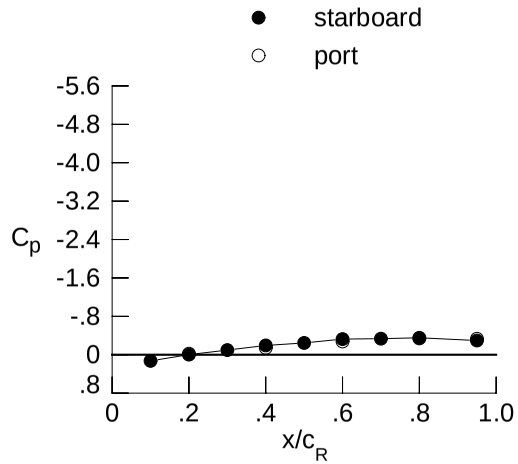
Run No. = 72 , Point No. = 1511

C_N = 0.183, C_m = -0.0249

α = 4.9 °, M_∞ = 0.831

R_{mac} = 60.1×10^6

Leading Edge Pressures

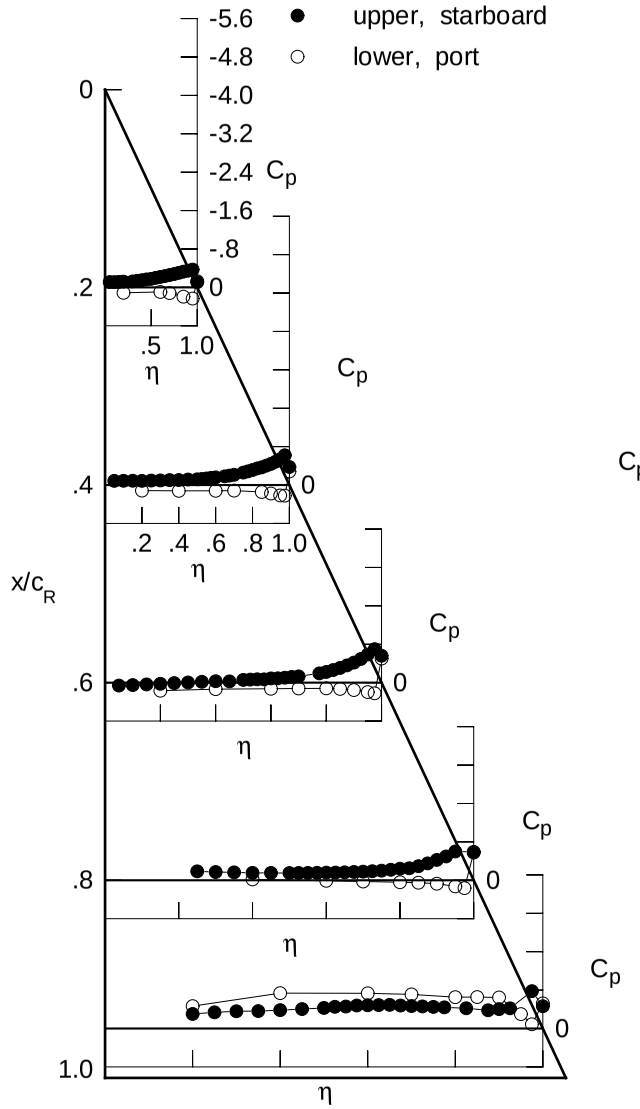


x/c_R	starb'd C_p	port C_p
0.10	0.1282	*******
0.20	-0.0021	-0.0216
0.30	-0.0968	*******
0.40	-0.1933	-0.1442
0.50	-0.2453	*******
0.60	-0.3260	-0.2767
0.70	-0.3343	*******
0.80	-0.3531	-0.3397
0.90	*******	*******
0.95	-0.2957	-0.3328

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	-0.1110	-0.0871	0.0611	*******	*******
0.100	-0.1098	-0.0891	0.0505	*******	*******
0.150	-0.1139	-0.0896	0.0375	*******	*******
0.200	-0.1197	-0.0871	0.0244	*******	-0.3031
0.250	*******	-0.0934	0.0094	-0.1862	-0.3367
0.300	-0.1245	-0.0957	-0.0031	-0.1720	-0.3594
0.350	-0.1374	-0.1032	-0.0180	-0.1650	-0.3629
0.400	-0.1497	-0.1046	-0.0292	-0.1545	-0.3824
0.450	-0.1664	-0.1153	-0.0262	-0.1534	-0.4050
0.500	-0.1780	-0.1194	-0.0568	-0.1509	-0.4286
0.525	*******	-0.1259	-0.0632	-0.1528	-0.4523
0.550	-0.1990	-0.1366	-0.0692	-0.1533	-0.4577
0.575	*******	-0.1495	-0.0687	-0.1560	-0.4793
0.600	-0.2179	-0.1590	-0.0882	-0.1599	-0.4839
0.625	*******	*******	-0.0902	-0.1610	-0.4878
0.650	-0.2358	-0.1815	-0.1032	-0.1657	-0.4926
0.675	*******	-0.1963	-0.1195	-0.1738	-0.4788
0.700	-0.2578	-0.2137	-0.1301	-0.1799	-0.4682
0.725	*******	*******	*******	-0.1886	-0.4603
0.750	-0.2781	-0.2588	*******	-0.2005	-0.4500
0.775	*******	-0.2850	-0.1935	-0.2191	-0.4408
0.800	-0.3032	-0.3126	-0.2222	-0.2415	*******
0.825	*******	-0.3457	-0.2627	-0.2505	-0.4215
0.850	-0.3280	-0.3687	-0.3062	-0.2933	*******
0.875	*******	-0.4050	-0.3592	-0.3518	-0.3797
0.900	-0.3481	-0.4400	-0.4173	-0.4244	-0.4042
0.925	*******	-0.4856	-0.4925	-0.4967	-0.4207
0.950	-0.3708	-0.5349	-0.5844	-0.6000	*******
0.975	*******	-0.6198	-0.6977	*******	-0.7785
1.000	-0.1077	-0.3763	-0.5611	-0.5917	-0.4637
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1125	0.1158	0.1677	*******	-0.4667
-0.400	*******	0.1207	0.1358	-0.0183	-0.7367
-0.600	0.0949	0.1203	0.1271	0.0105	-0.7338
-0.700	0.1188	0.1163	0.1219	0.0255	-0.7105
-0.800	*******	*******	0.1194	0.0404	-0.6528
-0.850	0.1934	0.1446	0.1303	0.0505	-0.6552
-0.900	*******	0.1764	0.1547	0.0714	-0.6463
-0.950	0.2325	0.2164	0.1971	0.1272	-0.3000
-0.975	*******	0.2211	0.2216	0.1621	-0.0876
-1.000	-0.1284	-0.2825	-0.5013	-0.5775	-0.5235

Surface Pressures



Large Radius L.E.

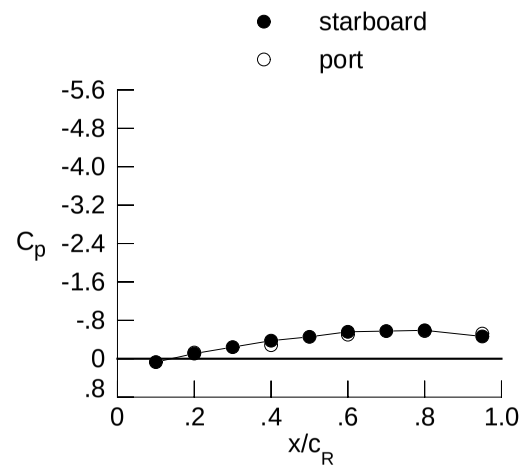
Run No. = 72 , Point No. = 1512

C_N = 0.226, C_m = -0.0314

α = 5.9 °, M_∞ = 0.829

R_{mac} = 60.2×10^6

Leading Edge Pressures

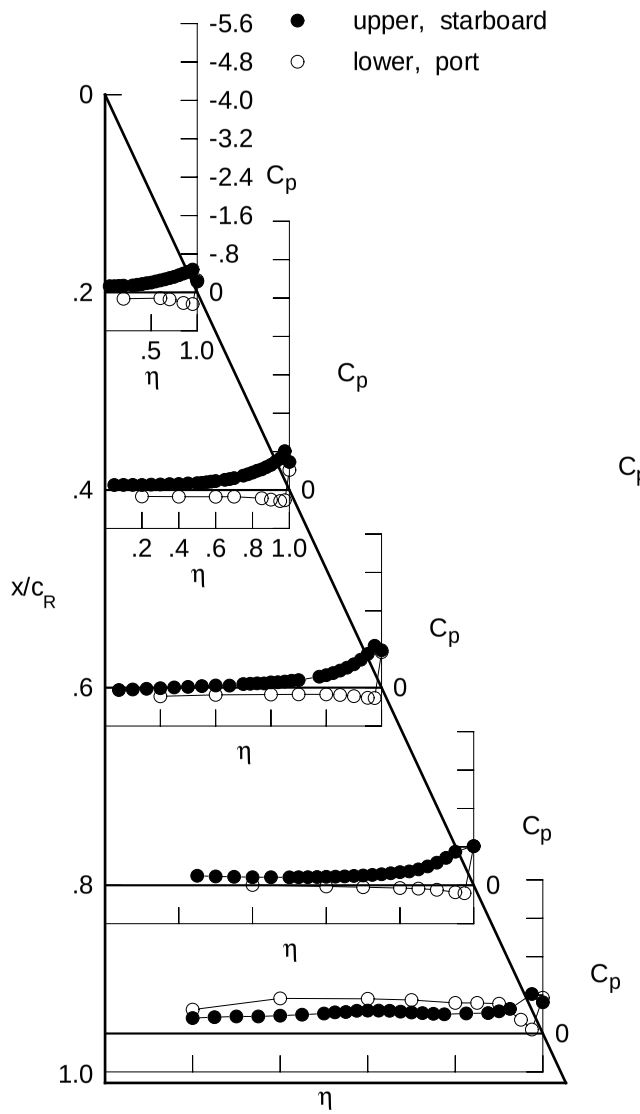


x/c_R	starb'd C_p	port C_p
0.10	0.0703	*******
0.20	-0.1077	-0.1284
0.30	-0.2419	*******
0.40	-0.3763	-0.2825
0.50	-0.4557	*******
0.60	-0.5611	-0.5013
0.70	-0.5756	*******
0.80	-0.5917	-0.5775
0.90	*******	*******
0.95	-0.4637	-0.5235

Table E4. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1293	-0.1047	0.0492	*******	*******
0.100	-0.1298	-0.1069	0.0381	*******	*******
0.150	-0.1341	-0.1071	0.0239	*******	*******
0.200	-0.1399	-0.1054	0.0119	*******	-0.3219
0.250	*******	-0.1126	-0.0043	-0.1980	-0.3401
0.300	-0.1447	-0.1159	-0.0163	-0.1838	-0.3551
0.350	-0.1590	-0.1229	-0.0324	-0.1772	-0.3549
0.400	-0.1730	-0.1263	-0.0446	-0.1680	-0.3714
0.450	-0.1912	-0.1372	-0.0422	-0.1673	-0.3918
0.500	-0.2042	-0.1434	-0.0741	-0.1653	-0.4159
0.525	*******	-0.1491	-0.0811	-0.1680	-0.4410
0.550	-0.2280	-0.1619	-0.0889	-0.1691	-0.4478
0.575	*******	-0.1750	-0.0881	-0.1724	-0.4737
0.600	-0.2495	-0.1868	-0.1094	-0.1769	-0.4766
0.625	*******	*******	-0.1126	-0.1793	-0.4768
0.650	-0.2720	-0.2125	-0.1266	-0.1847	-0.4735
0.675	*******	-0.2277	-0.1442	-0.1949	-0.4550
0.700	-0.2983	-0.2483	-0.1568	-0.2041	-0.4375
0.725	*******	*******	*******	-0.2163	-0.4249
0.750	-0.3243	-0.2993	*******	-0.2298	-0.4101
0.775	*******	-0.3290	-0.2282	-0.2508	-0.4003
0.800	-0.3576	-0.3629	-0.2601	-0.2739	*******
0.825	*******	-0.4020	-0.3034	-0.2887	-0.4179
0.850	-0.3926	-0.4314	-0.3552	-0.3314	*******
0.875	*******	-0.4770	-0.4161	-0.3930	-0.4254
0.900	-0.4275	-0.5239	-0.4867	-0.4707	-0.4625
0.925	*******	-0.5882	-0.5817	-0.5715	-0.5128
0.950	-0.4749	-0.6568	-0.7020	-0.6989	*******
0.975	*******	-0.8103	-0.8717	*******	-0.8234
1.000	-0.2260	-0.5847	-0.7774	-0.8165	-0.6508
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1326	0.1335	0.1808	*******	-0.4974
-0.400	*******	0.1387	0.1503	-0.0060	-0.7315
-0.600	0.1202	0.1403	0.1435	0.0239	-0.7229
-0.700	0.1444	0.1387	0.1399	0.0402	-0.6979
-0.800	*******	*******	0.1400	0.0578	-0.6373
-0.850	0.2210	0.1708	0.1527	0.0699	-0.6373
-0.900	*******	0.2003	0.1779	0.0933	-0.6209
-0.950	0.2428	0.2296	0.2120	0.1448	-0.2872
-0.975	*******	0.2131	0.2167	0.1648	-0.0831
-1.000	-0.2529	-0.4186	-0.7402	-0.8132	-0.7450

Surface Pressures



Large Radius L.E.

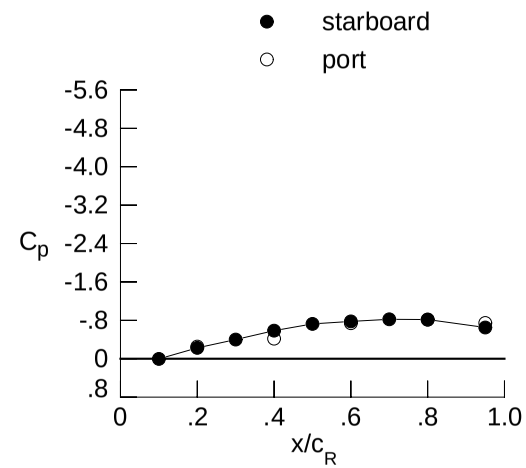
Run No. = 72 , Point No. = 1513

C_N = 0.270, C_m = -0.0392

α = 7.0 °, M_∞ = 0.831

R_{mac} = 60.3×10^6

Leading Edge Pressures

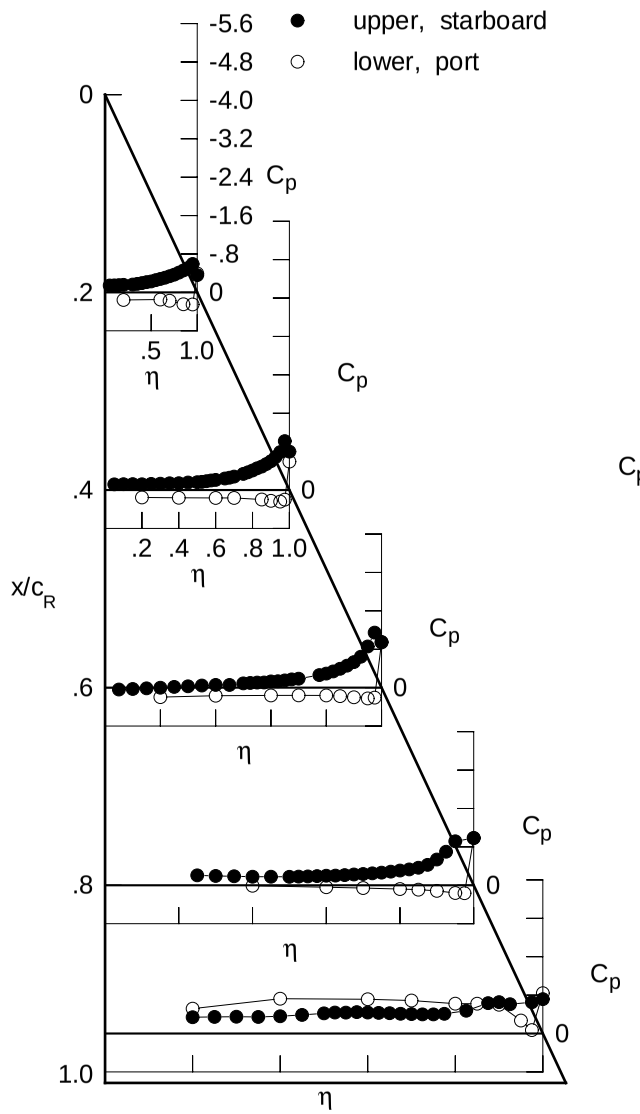


x/c_R	starb'd C_p	port C_p
0.10	0.0036	*******
0.20	-0.2260	-0.2529
0.30	-0.3994	*******
0.40	-0.5847	-0.4186
0.50	-0.7256	*******
0.60	-0.7774	-0.7402
0.70	-0.8215	*******
0.80	-0.8165	-0.8132
0.90	*******	*******
0.95	-0.6508	-0.7450

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	-0.1438	-0.1187	0.0395	*******	*******
0.100	-0.1466	-0.1215	0.0279	*******	*******
0.150	-0.1515	-0.1232	0.0147	*******	*******
0.200	-0.1573	-0.1202	0.0012	*******	-0.3396
0.250	*******	-0.1284	-0.0155	-0.2075	-0.3456
0.300	-0.1631	-0.1317	-0.0277	-0.1940	-0.3499
0.350	-0.1780	-0.1404	-0.0442	-0.1878	-0.3450
0.400	-0.1937	-0.1427	-0.0569	-0.1785	-0.3595
0.450	-0.2132	-0.1566	-0.0562	-0.1785	-0.3876
0.500	-0.2280	-0.1631	-0.0892	-0.1770	-0.4197
0.525	*******	-0.1705	-0.0974	-0.1807	-0.4372
0.550	-0.2551	-0.1839	-0.1056	-0.1847	-0.4350
0.575	*******	-0.1991	-0.1069	-0.1911	-0.4459
0.600	-0.2797	-0.2116	-0.1295	-0.1995	-0.4372
0.625	*******	*******	-0.1339	-0.2012	-0.4296
0.650	-0.3055	-0.2398	-0.1502	-0.2122	-0.4231
0.675	*******	-0.2570	-0.1717	-0.2251	-0.4110
0.700	-0.3366	-0.2800	-0.1862	-0.2352	-0.4051
0.725	*******	*******	*******	-0.2490	-0.3983
0.750	-0.3690	-0.3359	*******	-0.2632	-0.3984
0.775	*******	-0.3695	-0.2616	-0.2838	-0.4104
0.800	-0.4109	-0.4072	-0.2926	-0.3072	*******
0.825	*******	-0.4525	-0.3380	-0.3303	-0.4743
0.850	-0.4569	-0.4885	-0.3930	-0.3659	*******
0.875	*******	-0.5414	-0.4575	-0.4260	-0.6328
0.900	-0.5081	-0.6012	-0.5323	-0.5365	-0.6537
0.925	*******	-0.6872	-0.6441	-0.6992	-0.6104
0.950	-0.5922	-0.7906	-0.8578	-0.9164	*******
0.975	*******	-1.0190	-1.1463	*******	-0.6514
1.000	-0.3596	-0.8001	-0.9519	-0.9833	-0.7162
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1576	0.1546	0.1974	*******	-0.5176
-0.400	*******	0.1612	0.1682	0.0092	-0.7251
-0.600	0.1485	0.1650	0.1621	0.0403	-0.7133
-0.700	0.1734	0.1644	0.1611	0.0576	-0.6870
-0.800	*******	*******	0.1626	0.0782	-0.6216
-0.850	0.2469	0.1980	0.1769	0.0910	-0.6208
-0.900	*******	0.2248	0.2009	0.1157	-0.5990
-0.950	0.2513	0.2406	0.2249	0.1612	-0.2707
-0.975	*******	0.2001	0.2078	0.1649	-0.0710
-1.000	-0.3943	-0.5930	-0.9421	-0.9866	-0.8401

Surface Pressures



Large Radius L.E.

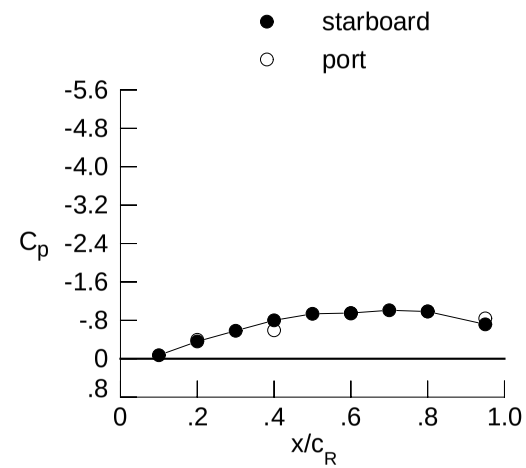
Run No. = 72 , Point No. = 1514

C_N = 0.314, C_m = -0.0468

α = 8.0 °, M_∞ = 0.829

R_{mac} = 60.0×10^6

Leading Edge Pressures

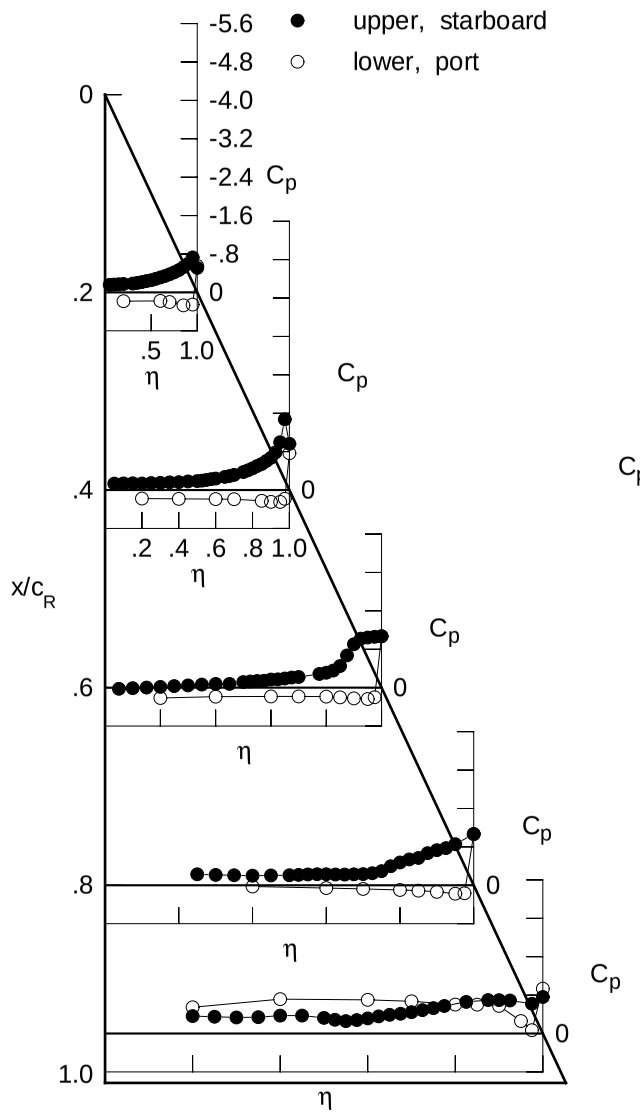


x/c_R	starb'd C_p	port C_p
0.10	-0.0729	*******
0.20	-0.3596	-0.3943
0.30	-0.5823	*******
0.40	-0.8001	-0.5930
0.50	-0.9359	*******
0.60	-0.9519	-0.9421
0.70	-1.0096	*******
0.80	-0.9833	-0.9866
0.90	*******	*******
0.95	-0.7162	-0.8401

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	-0.1573	-0.1341	0.0239	*******	*******
0.100	-0.1632	-0.1375	0.0116	*******	*******
0.150	-0.1698	-0.1407	-0.0014	*******	*******
0.200	-0.1749	-0.1363	-0.0152	*******	-0.3635
0.250	*******	-0.1457	-0.0322	-0.2290	-0.3493
0.300	-0.1828	-0.1499	-0.0464	-0.2161	-0.3340
0.350	-0.1981	-0.1599	-0.0637	-0.2089	-0.3399
0.400	-0.2149	-0.1640	-0.0778	-0.1998	-0.3728
0.450	-0.2361	-0.1789	-0.0772	-0.2047	-0.3739
0.500	-0.2535	-0.1862	-0.1161	-0.2087	-0.3259
0.525	*******	-0.1950	-0.1279	-0.2165	-0.2865
0.550	-0.2826	-0.2095	-0.1383	-0.2252	-0.2582
0.575	*******	-0.2264	-0.1425	-0.2303	-0.2801
0.600	-0.3109	-0.2395	-0.1685	-0.2307	-0.3140
0.625	*******	*******	-0.1730	-0.2248	-0.3570
0.650	-0.3410	-0.2733	-0.1901	-0.2230	-0.3899
0.675	*******	-0.2910	-0.2102	-0.2285	-0.4110
0.700	-0.3772	-0.3152	-0.2216	-0.2325	-0.4439
0.725	*******	*******	*******	-0.2513	-0.4865
0.750	-0.4165	-0.3743	*******	-0.2944	-0.5287
0.775	*******	-0.4101	-0.2845	-0.3971	-0.5739
0.800	-0.4643	-0.4509	-0.3107	-0.4753	*******
0.825	*******	-0.5003	-0.3550	-0.5381	-0.6582
0.850	-0.5252	-0.5432	-0.4507	-0.5693	*******
0.875	*******	-0.6054	-0.6712	-0.6697	-0.6966
0.900	-0.5933	-0.6717	-0.9039	-0.7316	-0.6951
0.925	*******	-0.7852	-1.0204	-0.7742	-0.6876
0.950	-0.7284	-0.9962	-1.0440	-0.8557	*******
0.975	*******	-1.4724	-1.0590	*******	-0.6206
1.000	-0.5107	-0.9624	-1.0672	-1.0688	-0.7606
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1830	0.1776	0.2161	*******	-0.5461
-0.400	*******	0.1836	0.1878	0.0254	-0.7158
-0.600	0.1773	0.1888	0.1833	0.0574	-0.7012
-0.700	0.2006	0.1909	0.1828	0.0757	-0.6713
-0.800	*******	*******	0.1870	0.0977	-0.6030
-0.850	0.2701	0.2247	0.2024	0.1118	-0.6005
-0.900	*******	0.2468	0.2243	0.1366	-0.5745
-0.950	0.2539	0.2474	0.2369	0.1756	-0.2592
-0.975	*******	0.1826	0.1997	0.1660	-0.0695
-1.000	-0.5509	-0.7670	-1.0726	-1.0658	-0.9341

Surface Pressures



Large Radius L.E.

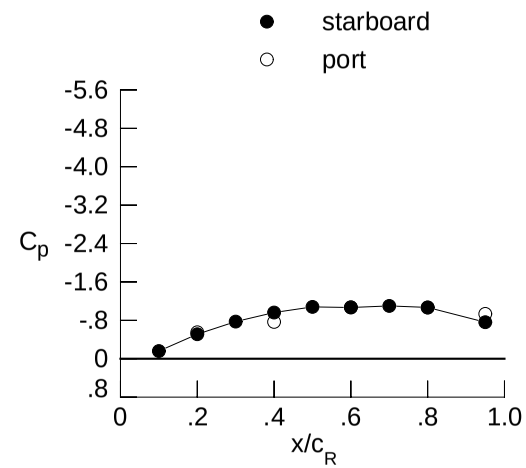
Run No. = 72 , Point No. = 1515

C_N = 0.369, C_m = -0.0576

α = 9.0 °, M_∞ = 0.830

R_{mac} = 60.1×10^6

Leading Edge Pressures

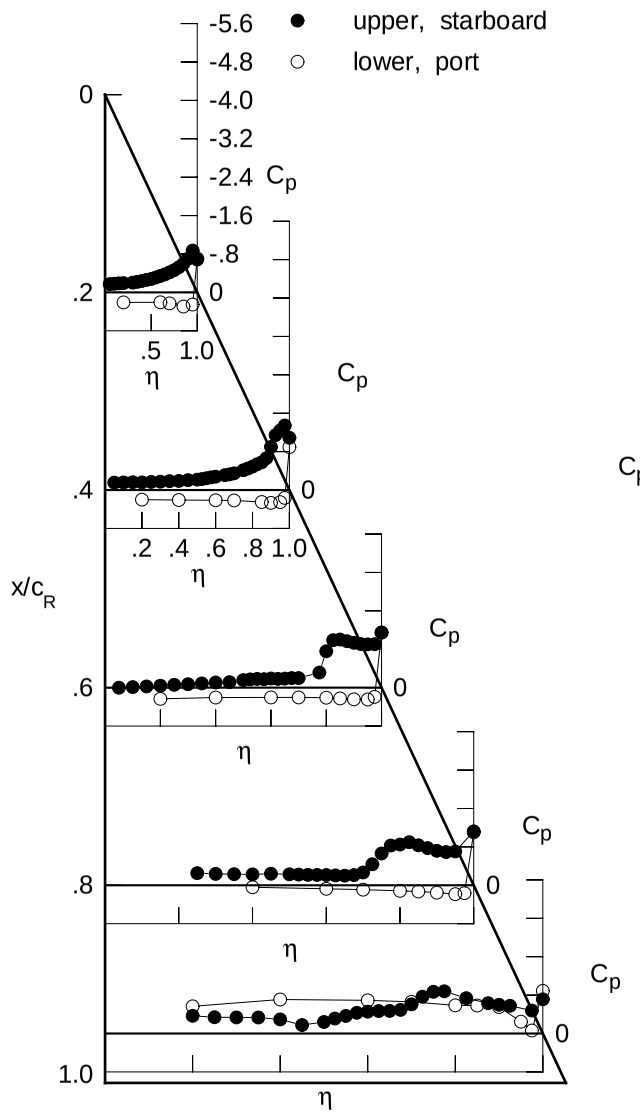


x/c_R	starb'd C_p	port C_p
0.10	-0.1599	*******
0.20	-0.5107	-0.5509
0.30	-0.7738	*******
0.40	-0.9624	-0.7670
0.50	-1.0798	*******
0.60	-1.0672	-1.0726
0.70	-1.1003	*******
0.80	-1.0688	-1.0658
0.90	*******	*******
0.95	-0.7606	-0.9341

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	-0.1722	-0.1548	0.0012	*******	*******
0.100	-0.1792	-0.1580	-0.0112	*******	*******
0.150	-0.1882	-0.1622	-0.0249	*******	*******
0.200	-0.1938	-0.1586	-0.0399	*******	-0.3685
0.250	*******	-0.1685	-0.0583	-0.2531	-0.3390
0.300	-0.2031	-0.1737	-0.0713	-0.2373	-0.3352
0.350	-0.2200	-0.1844	-0.0879	-0.2314	-0.3332
0.400	-0.2375	-0.1899	-0.1069	-0.2269	-0.2931
0.450	-0.2601	-0.2064	-0.1144	-0.2407	-0.1768
0.500	-0.2794	-0.2169	-0.1566	-0.2286	-0.2396
0.525	*******	-0.2281	-0.1723	-0.2234	-0.3120
0.550	-0.3105	-0.2459	-0.1814	-0.2178	-0.3663
0.575	*******	-0.2642	-0.1763	-0.2162	-0.4314
0.600	-0.3422	-0.2788	-0.1901	-0.2143	-0.4554
0.625	*******	*******	-0.1825	-0.2053	-0.4682
0.650	-0.3762	-0.3100	-0.1877	-0.2003	-0.4716
0.675	*******	-0.3254	-0.1992	-0.2125	-0.4931
0.700	-0.4177	-0.3481	-0.1990	-0.2669	-0.6081
0.725	*******	*******	*******	-0.4377	-0.7671
0.750	-0.4632	-0.4121	*******	-0.6626	-0.8687
0.775	*******	-0.4476	-0.3144	-0.8279	-0.8791
0.800	-0.5228	-0.4883	-0.7574	-0.8486	*******
0.825	*******	-0.5378	-0.9883	-0.8975	-0.7358
0.850	-0.5951	-0.5774	-1.0024	-0.8329	*******
0.875	*******	-0.6634	-0.9674	-0.7743	-0.6314
0.900	-0.7005	-0.8980	-0.9346	-0.7182	-0.5986
0.925	*******	-1.1444	-0.9079	-0.6923	-0.5778
0.950	-0.8722	-1.2406	-0.9013	-0.7059	*******
0.975	*******	-1.3452	-0.9060	*******	-0.4776
1.000	-0.6847	-1.0886	-1.1478	-1.1239	-0.7126
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2092	0.2004	0.2335	*******	-0.5664
-0.400	*******	0.2084	0.2064	0.0410	-0.7084
-0.600	0.2065	0.2139	0.2037	0.0726	-0.6914
-0.700	0.2287	0.2171	0.2041	0.0911	-0.6594
-0.800	*******	*******	0.2095	0.1152	-0.5865
-0.850	0.2941	0.2500	0.2247	0.1291	-0.5833
-0.900	*******	0.2674	0.2442	0.1532	-0.5516
-0.950	0.2530	0.2516	0.2466	0.1851	-0.2466
-0.975	*******	0.1634	0.1926	0.1639	-0.0628
-1.000	-0.7068	-0.8954	-1.1479	-1.1023	-0.8889

Surface Pressures



Large Radius L.E.

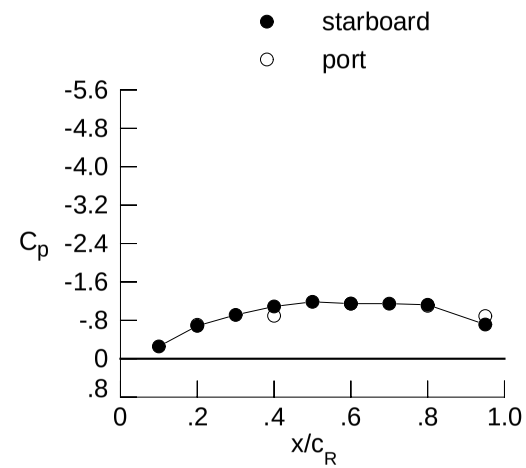
Run No. = 72 , Point No. = 1516

C_N = 0.431, C_m = -0.0698

α = 10.1 °, M_∞ = 0.831

R_{mac} = 60.1×10^6

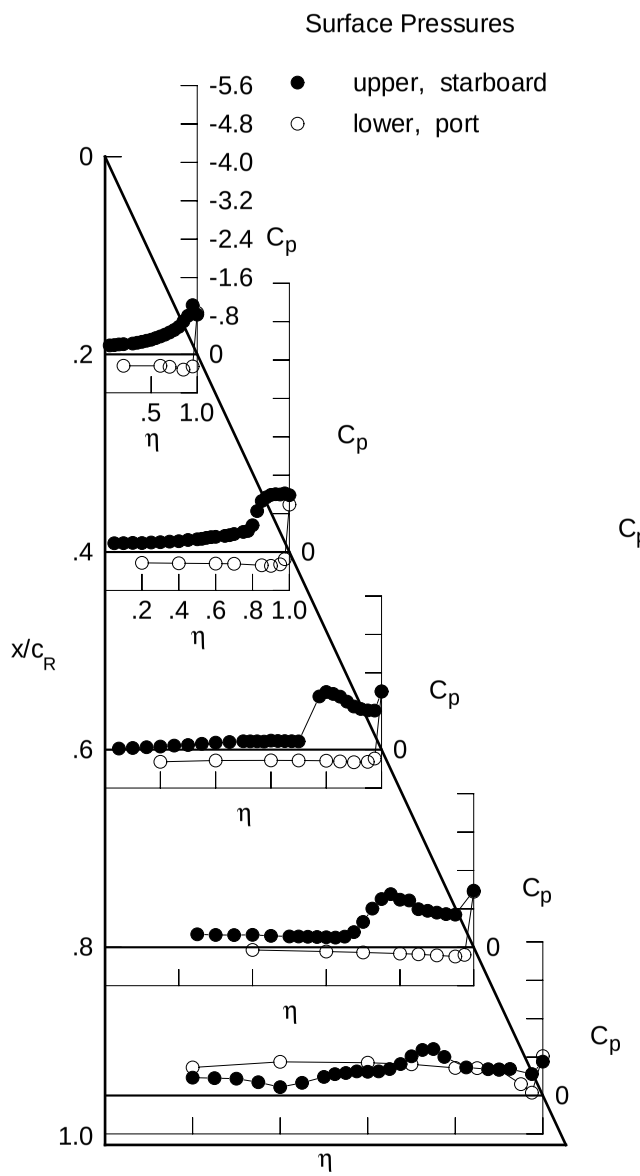
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.2561	*******
0.20	-0.6847	-0.7068
0.30	-0.9132	*******
0.40	-1.0886	-0.8954
0.50	-1.1855	*******
0.60	-1.1478	-1.1479
0.70	-1.1474	*******
0.80	-1.1239	-1.1023
0.90	*******	*******
0.95	-0.7126	-0.8889

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	-0.1874	-0.1829	-0.0223	*******	*******
0.100	-0.1933	-0.1845	-0.0341	*******	*******
0.150	-0.2070	-0.1905	-0.0502	*******	*******
0.200	-0.2132	-0.1875	-0.0641	*******	-0.3721
0.250	*******	-0.1984	-0.0837	-0.2702	-0.3616
0.300	-0.2255	-0.2050	-0.0963	-0.2564	-0.3505
0.350	-0.2426	-0.2167	-0.1214	-0.2546	-0.2765
0.400	-0.2613	-0.2260	-0.1453	-0.2588	-0.1741
0.450	-0.2842	-0.2509	-0.1593	-0.2377	-0.2644
0.500	-0.3052	-0.2659	-0.1746	-0.2259	-0.3871
0.525	*******	-0.2755	-0.1726	-0.2249	-0.4448
0.550	-0.3394	-0.2949	-0.1740	-0.2189	-0.4686
0.575	*******	-0.3101	-0.1672	-0.2145	-0.5020
0.600	-0.3738	-0.3172	-0.1877	-0.2090	-0.4947
0.625	*******	*******	-0.1797	-0.2019	-0.5022
0.650	-0.4112	-0.3359	-0.1773	-0.2216	-0.5516
0.675	*******	-0.3511	-0.1753	-0.3157	-0.6554
0.700	-0.4566	-0.3750	-0.1717	-0.5277	-0.8169
0.725	*******	*******	*******	-0.8059	-0.9492
0.750	-0.5080	-0.4183	*******	-1.0044	-0.9679
0.775	*******	-0.4395	-1.1084	-1.1071	-0.8034
0.800	-0.5733	-0.5573	-1.2010	-0.9909	*******
0.825	*******	-0.8534	-1.1605	-0.9755	-0.5850
0.850	-0.6869	-1.0635	-1.1040	-0.7937	*******
0.875	*******	-1.1401	-0.9997	-0.7603	-0.5477
0.900	-0.8045	-1.1906	-0.8981	-0.7219	-0.5447
0.925	*******	-1.2045	-0.8475	-0.6914	-0.5526
0.950	-1.0257	-1.1987	-0.8180	-0.6801	*******
0.975	*******	-1.2225	-0.8139	*******	-0.4466
1.000	-0.8279	-1.1851	-1.2088	-1.1795	-0.7056
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2378	0.2258	0.2533	*******	-0.5841
-0.400	*******	0.2341	0.2263	0.0563	-0.7013
-0.600	0.2381	0.2405	0.2238	0.0889	-0.6831
-0.700	0.2586	0.2449	0.2258	0.1078	-0.6504
-0.800	*******	*******	0.2315	0.1310	-0.5744
-0.850	0.3172	0.2761	0.2465	0.1459	-0.5700
-0.900	*******	0.2880	0.2627	0.1687	-0.5345
-0.950	0.2509	0.2567	0.2543	0.1919	-0.2364
-0.975	*******	0.1476	0.1847	0.1579	-0.0594
-1.000	-0.8664	-0.9880	-1.2133	-1.1568	-0.8198



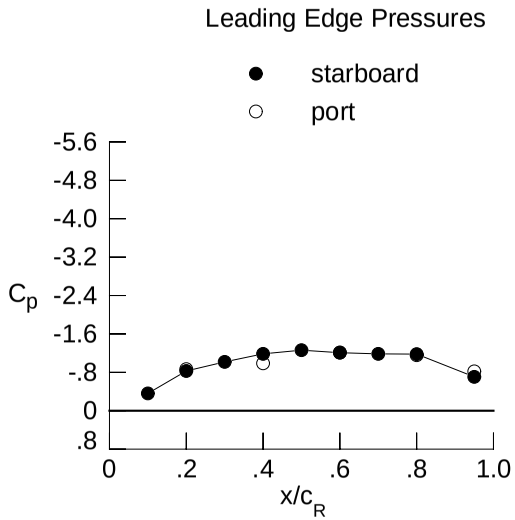
Large Radius L.E.

Run No. = 72 , Point No. = 1517

C_N = 0.490, C_m = -0.0791

α = 11.2 °, M_∞ = 0.829

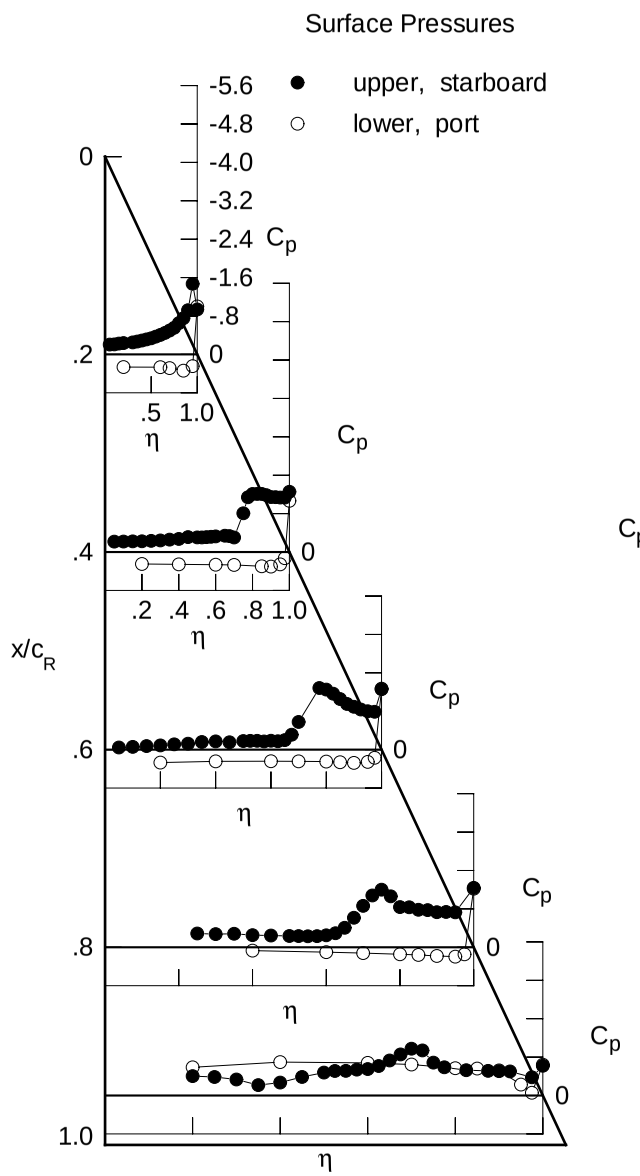
R_{mac} = 60.0×10^6



x/c_R	starb'd C_p	port C_p
0.10	-0.3606	*******
0.20	-0.8279	-0.8664
0.30	-1.0173	*******
0.40	-1.1851	-0.9880
0.50	-1.2616	*******
0.60	-1.2088	-1.2133
0.70	-1.1844	*******
0.80	-1.1795	-1.1568
0.90	*******	*******
0.95	-0.7056	-0.8198

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	-0.2050	-0.2171	-0.0450	*******	*******
0.100	-0.2082	-0.2182	-0.0573	*******	*******
0.150	-0.2253	-0.2223	-0.0744	*******	*******
0.200	-0.2362	-0.2242	-0.0879	*******	-0.4040
0.250	*******	-0.2332	-0.1105	-0.2868	-0.3859
0.300	-0.2499	-0.2416	-0.1241	-0.2745	-0.3336
0.350	-0.2681	-0.2584	-0.1595	-0.2817	-0.2166
0.400	-0.2885	-0.2729	-0.1717	-0.2530	-0.2693
0.450	-0.3123	-0.3110	-0.1535	-0.2452	-0.3863
0.500	-0.3350	-0.3045	-0.1792	-0.2352	-0.4776
0.525	*******	-0.3041	-0.1833	-0.2333	-0.5114
0.550	-0.3696	-0.3101	-0.1839	-0.2297	-0.5134
0.575	*******	-0.3178	-0.1702	-0.2318	-0.5389
0.600	-0.4056	-0.3256	-0.1856	-0.2492	-0.5513
0.625	*******	*******	-0.1751	-0.2931	-0.6143
0.650	-0.4472	-0.3398	-0.1982	-0.4068	-0.7293
0.675	*******	-0.3321	-0.3109	-0.6150	-0.8564
0.700	-0.4969	-0.3035	-0.5767	-0.8633	-0.9749
0.725	*******	*******	*******	-1.0795	-0.9392
0.750	-0.5545	-0.8076	*******	-1.2001	-0.6852
0.775	*******	-1.1408	-1.2836	-1.0613	-0.5878
0.800	-0.6501	-1.2093	-1.2509	-0.8380	*******
0.825	*******	-1.2102	-1.1655	-0.8336	-0.5273
0.850	-0.7533	-1.2101	-1.0545	-0.7815	*******
0.875	*******	-1.1846	-0.9518	-0.7745	-0.5137
0.900	-0.9210	-1.1459	-0.8925	-0.7316	-0.5072
0.925	*******	-1.1430	-0.8359	-0.7357	-0.5013
0.950	-1.4695	-1.1353	-0.8003	-0.7279	*******
0.975	*******	-1.1338	-0.7886	*******	-0.3790
1.000	-0.9356	-1.2552	-1.2595	-1.2382	-0.6203
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2642	0.2490	0.2696	*******	-0.5875
-0.400	*******	0.2566	0.2440	0.0697	-0.6962
-0.600	0.2666	0.2643	0.2413	0.1014	-0.6796
-0.700	0.2857	0.2684	0.2437	0.1209	-0.6454
-0.800	*******	*******	0.2484	0.1454	-0.5688
-0.850	0.3390	0.2967	0.2625	0.1593	-0.5618
-0.900	*******	0.3029	0.2757	0.1811	-0.5230
-0.950	0.2451	0.2565	0.2552	0.1951	-0.2281
-0.975	*******	0.1281	0.1696	0.1463	-0.0574
-1.000	-0.9985	-1.0675	-1.2704	-1.2199	-0.6418



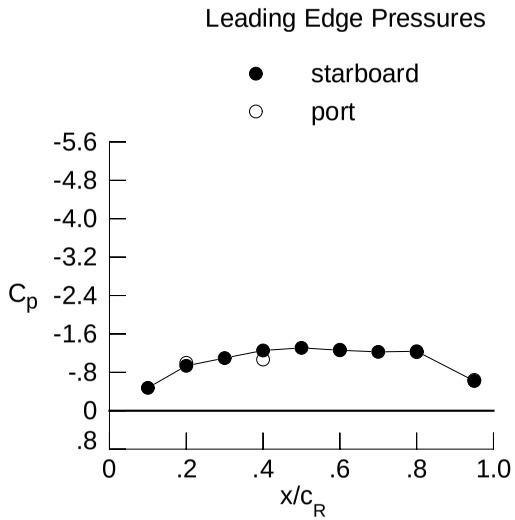
Large Radius L.E.

Run No. = 72 , Point No. = 1518

C_N = 0.538, C_m = -0.0827

α = 12.2 °, M_∞ = 0.829

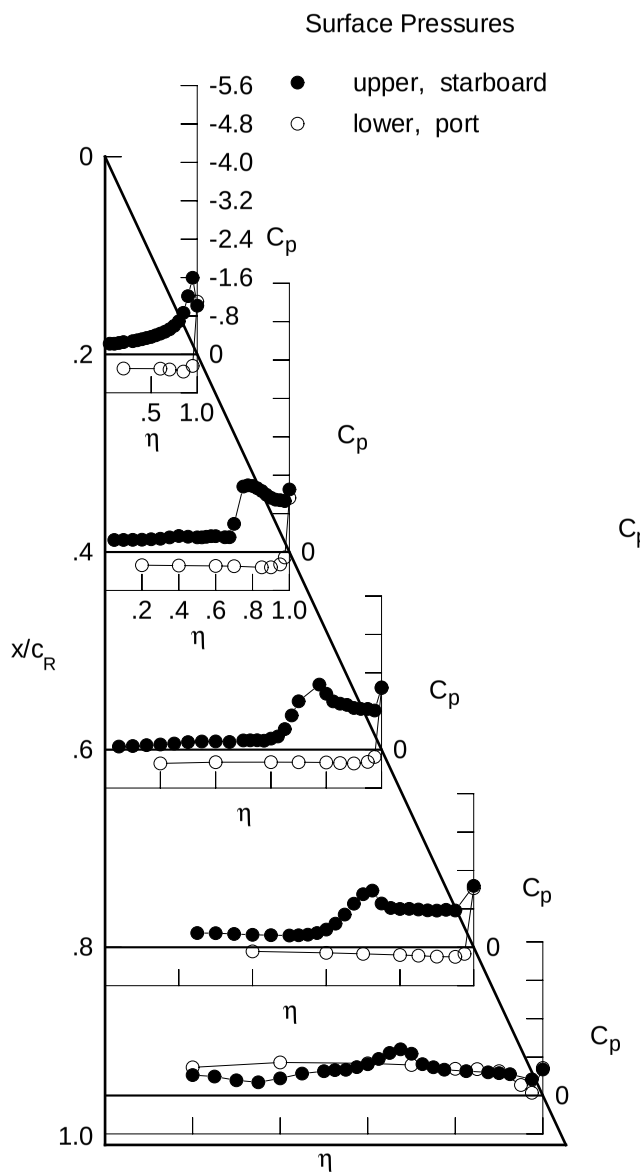
R_{mac} = 60.1×10^6



x/c_R	starb'd C_p	port C_p
0.10	-0.4765	*******
0.20	-0.9356	-0.9985
0.30	-1.0971	*******
0.40	-1.2552	-1.0675
0.50	-1.3097	*******
0.60	-1.2595	-1.2704
0.70	-1.2261	*******
0.80	-1.2382	-1.2199
0.90	*******	*******
0.95	-0.6203	-0.6418

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	-0.2227	-0.2515	-0.0641	*******	*******
0.100	-0.2218	-0.2519	-0.0749	*******	*******
0.150	-0.2380	-0.2544	-0.0934	*******	*******
0.200	-0.2560	-0.2566	-0.1075	*******	-0.4256
0.250	*******	-0.2662	-0.1270	-0.2967	-0.3953
0.300	-0.2750	-0.2764	-0.1570	-0.2938	-0.3164
0.350	-0.2941	-0.3045	-0.1697	-0.2777	-0.2750
0.400	-0.3159	-0.3347	-0.1714	-0.2597	-0.3569
0.450	-0.3408	-0.3192	-0.1599	-0.2522	-0.4564
0.500	-0.3638	-0.3056	-0.1920	-0.2450	-0.5064
0.525	*******	-0.3054	-0.1946	-0.2500	-0.5299
0.550	-0.3977	-0.3178	-0.1959	-0.2624	-0.5359
0.575	*******	-0.3303	-0.1854	-0.2964	-0.5915
0.600	-0.4328	-0.3306	-0.2297	-0.3691	-0.6523
0.625	*******	*******	-0.2747	-0.4920	-0.7618
0.650	-0.4716	-0.3080	-0.4280	-0.6819	-0.8865
0.675	*******	-0.3090	-0.7130	-0.9081	-0.9622
0.700	-0.5235	-0.5869	-1.0075	-1.1060	-0.8702
0.725	*******	*******	*******	-1.1811	-0.6527
0.750	-0.5945	-1.3640	*******	-0.9120	-0.5885
0.775	*******	-1.3901	-1.3548	-0.8189	-0.5373
0.800	-0.6898	-1.3758	-1.1646	-0.7983	*******
0.825	*******	-1.3304	-1.0057	-0.8010	-0.5070
0.850	-0.8659	-1.2715	-0.9575	-0.7870	*******
0.875	*******	-1.1935	-0.9320	-0.7699	-0.4832
0.900	-1.2137	-1.1300	-0.8682	-0.7642	-0.4652
0.925	*******	-1.0911	-0.8482	-0.7810	-0.4438
0.950	-1.5960	-1.0799	-0.8479	-0.7666	*******
0.975	*******	-1.0617	-0.8148	*******	-0.3361
1.000	-1.0145	-1.3028	-1.2967	-1.2802	-0.5428
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2947	0.2743	0.2870	*******	-0.5867
-0.400	*******	0.2819	0.2618	0.0853	-0.6885
-0.600	0.2977	0.2894	0.2607	0.1157	-0.6705
-0.700	0.3151	0.2950	0.2622	0.1367	-0.6358
-0.800	*******	*******	0.2672	0.1609	-0.5560
-0.850	0.3584	0.3186	0.2797	0.1746	-0.5498
-0.900	*******	0.3185	0.2884	0.1945	-0.5073
-0.950	0.2396	0.2575	0.2551	0.1995	-0.2194
-0.975	*******	0.1122	0.1523	0.1367	-0.0568
-1.000	-1.0981	-1.1280	-1.2829	-1.2315	-0.5732



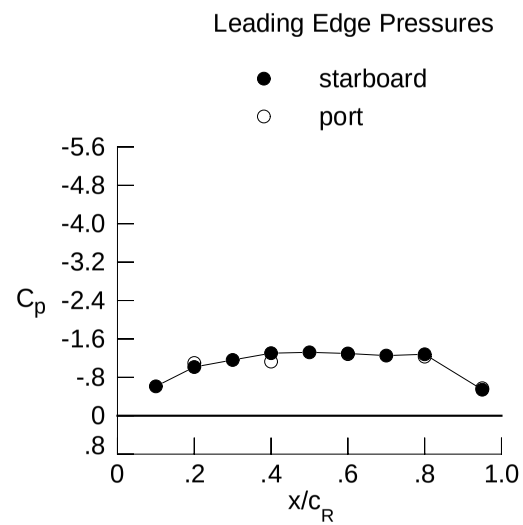
Large Radius L.E.

Run No. = 72 , Point No. = 1519

C_N = 0.588, C_m = -0.0870

α = 13.3 °, M_∞ = 0.831

R_{mac} = 60.1×10^6

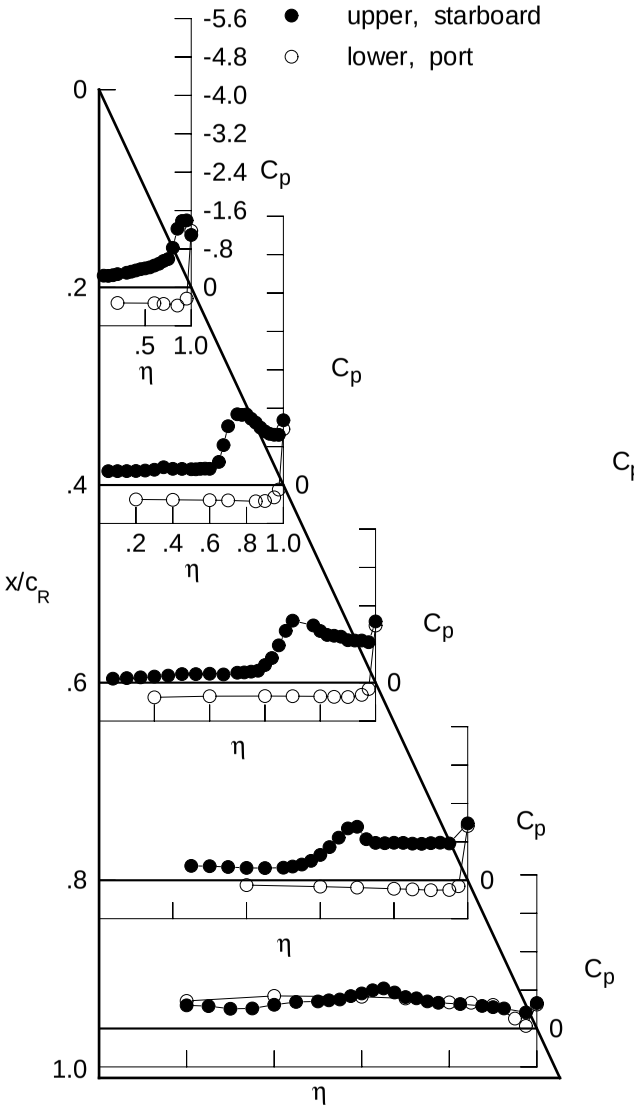


x/c_R	starb'd Cp	port Cp
0.10	-0.6119	*******
0.20	-1.0145	-1.0981
0.30	-1.1613	*******
0.40	-1.3028	-1.1280
0.50	-1.3208	*******
0.60	-1.2967	-1.2829
0.70	-1.2525	*******
0.80	-1.2802	-1.2315
0.90	*******	*******
0.95	-0.5428	-0.5732

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	-0.2444	-0.2891	-0.0823	*******	*******
0.100	-0.2402	-0.2897	-0.0940	*******	*******
0.150	-0.2533	-0.2908	-0.1104	*******	*******
0.200	-0.2758	-0.2926	-0.1265	*******	-0.4826
0.250	*******	-0.3018	-0.1468	-0.2996	-0.4663
0.300	-0.3051	-0.3186	-0.1787	-0.2938	-0.4109
0.350	-0.3272	-0.3700	-0.1776	-0.2766	-0.4176
0.400	-0.3531	-0.3380	-0.1853	-0.2577	-0.4946
0.450	-0.3790	-0.3362	-0.1706	-0.2542	-0.5533
0.500	-0.3959	-0.3288	-0.2067	-0.2622	-0.5643
0.525	*******	-0.3284	-0.2126	-0.2865	-0.5869
0.550	-0.4171	-0.3373	-0.2286	-0.3279	-0.6045
0.575	*******	-0.3418	-0.2479	-0.4046	-0.6751
0.600	-0.4544	-0.3377	-0.3665	-0.5280	-0.7308
0.625	*******	*******	-0.5125	-0.6913	-0.7970
0.650	-0.4927	-0.4819	-0.7767	-0.8880	-0.8354
0.675	*******	-0.8324	-1.0791	-1.0809	-0.7502
0.700	-0.5505	-1.2256	-1.2913	-1.1154	-0.6551
0.725	*******	*******	*******	-0.8564	-0.6284
0.750	-0.5903	-1.4741	*******	-0.7792	-0.5651
0.775	*******	-1.4614	-1.1921	-0.7725	-0.5359
0.800	-0.8245	-1.4707	-1.0758	-0.7817	*******
0.825	*******	-1.3811	-0.9940	-0.7795	-0.5097
0.850	-1.2217	-1.3003	-0.9770	-0.7634	*******
0.875	*******	-1.1967	-0.9566	-0.7592	-0.4703
0.900	-1.3833	-1.1171	-0.8842	-0.7733	-0.4450
0.925	*******	-1.0675	-0.8765	-0.7834	-0.4175
0.950	-1.3964	-1.0470	-0.8774	-0.7672	*******
0.975	*******	-1.0455	-0.8425	*******	-0.3348
1.000	-1.0918	-1.3494	-1.2756	-1.1857	-0.5312
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3249	0.3002	0.3061	*******	-0.5742
-0.400	*******	0.3077	0.2821	0.1005	-0.6791
-0.600	0.3293	0.3153	0.2798	0.1322	-0.6619
-0.700	0.3448	0.3199	0.2820	0.1523	-0.6263
-0.800	*******	*******	0.2857	0.1767	-0.5436
-0.850	0.3785	0.3391	0.2963	0.1892	-0.5368
-0.900	*******	0.3326	0.3004	0.2067	-0.4908
-0.950	0.2339	0.2570	0.2540	0.2012	-0.2070
-0.975	*******	0.0946	0.1326	0.1231	-0.0538
-1.000	-1.1787	-1.1642	-1.1899	-1.1311	-0.4992

Surface Pressures



Large Radius L.E.

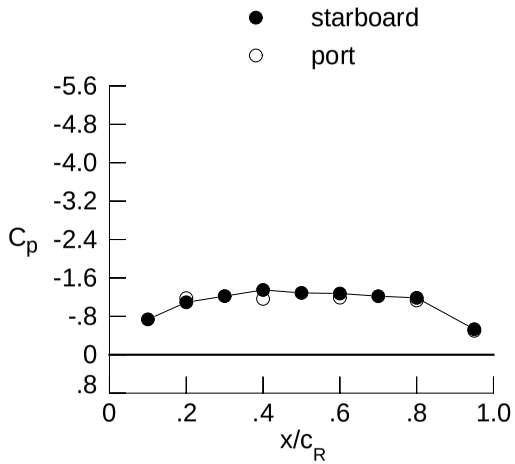
Run No. = 72 , Point No. = 1520

C_N = 0.639, C_m = -0.0923

α = 14.3 °, M_∞ = 0.829

R_{mac} = 60.1×10^6

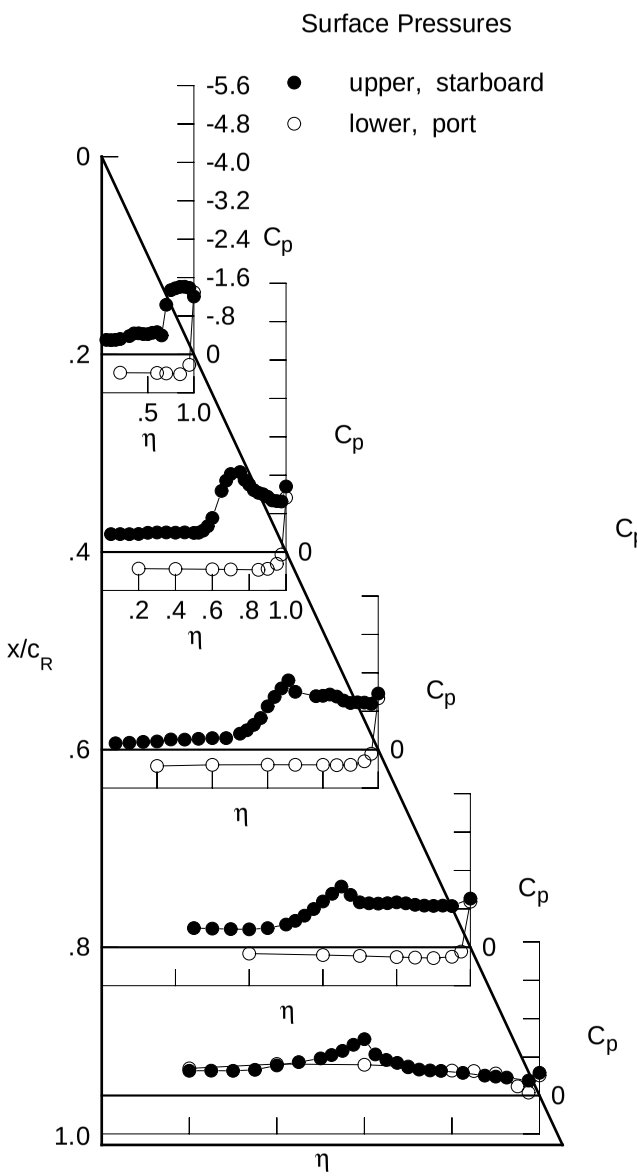
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.7364	*******
0.20	-1.0918	-1.1787
0.30	-1.2213	*******
0.40	-1.3494	-1.1642
0.50	-1.2878	*******
0.60	-1.2756	-1.1899
0.70	-1.2196	*******
0.80	-1.1857	-1.1311
0.90	*******	*******
0.95	-0.5312	-0.4992

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	-0.3022	-0.3730	-0.1331	*******	*******
0.100	-0.2965	-0.3736	-0.1434	*******	*******
0.150	-0.3027	-0.3722	-0.1618	*******	*******
0.200	-0.3205	-0.3756	-0.1705	*******	-0.5150
0.250	*******	-0.4008	-0.2117	-0.4000	-0.5175
0.300	-0.3817	-0.4070	-0.2090	-0.3889	-0.5146
0.350	-0.4365	-0.4078	-0.2255	-0.3788	-0.5355
0.400	-0.4396	-0.4031	-0.2398	-0.3738	-0.6268
0.450	-0.4243	-0.4087	-0.2404	-0.3989	-0.6957
0.500	-0.4218	-0.3985	-0.3317	-0.4737	-0.7729
0.525	*******	-0.4025	-0.4042	-0.5509	-0.8431
0.550	-0.4496	-0.4456	-0.5168	-0.6584	-0.9296
0.575	*******	-0.5378	-0.6582	-0.7975	-1.0570
0.600	-0.4634	-0.7098	-0.9025	-0.9545	-1.1733
0.625	*******	*******	-1.0988	-1.1141	-0.8558
0.650	-0.3951	-1.2734	-1.2755	-1.2650	-0.7407
0.675	*******	-1.4865	-1.4432	-1.0914	-0.6792
0.700	-1.0337	-1.6254	-1.2046	-0.9370	-0.5876
0.725	*******	*******	*******	-0.9159	-0.5401
0.750	-1.3385	-1.6653	*******	-0.9099	-0.5222
0.775	*******	-1.5045	-1.1139	-0.9188	-0.5125
0.800	-1.3776	-1.4042	-1.1216	-0.9356	*******
0.825	*******	-1.2903	-1.1484	-0.9156	-0.4712
0.850	-1.4073	-1.2335	-1.1058	-0.8850	*******
0.875	*******	-1.2041	-1.0222	-0.8679	-0.4140
0.900	-1.4088	-1.1509	-0.9710	-0.8621	-0.3933
0.925	*******	-1.0754	-0.9857	-0.8681	-0.3734
0.950	-1.3846	-1.0607	-0.9798	-0.8582	*******
0.975	*******	-1.0529	-0.9539	*******	-0.3114
1.000	-1.2053	-1.3656	-1.1686	-1.0145	-0.4731
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3819	0.3458	0.3409	*******	-0.5645
-0.400	*******	0.3527	0.3168	0.1314	-0.6568
-0.600	0.3863	0.3597	0.3136	0.1615	-0.6405
-0.700	0.3962	0.3632	0.3157	0.1802	-0.6033
-0.800	*******	*******	0.3168	0.2038	-0.5191
-0.850	0.4129	0.3704	0.3235	0.2145	-0.5093
-0.900	*******	0.3502	0.3171	0.2251	-0.4583
-0.950	0.2188	0.2459	0.2426	0.1974	-0.1907
-0.975	*******	0.0516	0.0856	0.0893	-0.0611
-1.000	-1.2932	-1.1324	-1.0698	-0.9501	-0.4192



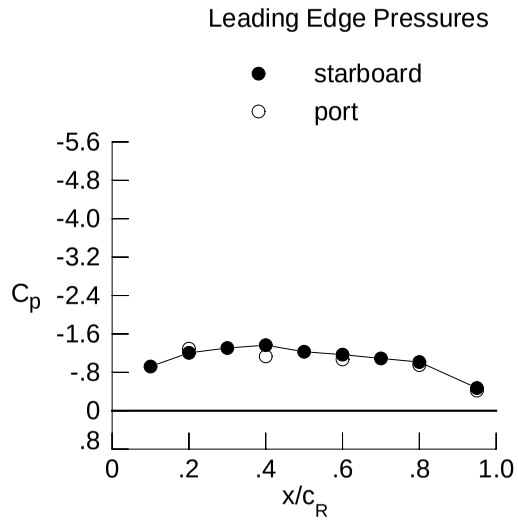
Large Radius L.E.

Run No. = 72 , Point No. = 1521

C_N = 0.765, C_m = -0.1136

α = 16.4 °, M_∞ = 0.831

R_{mac} = 60.0×10^6

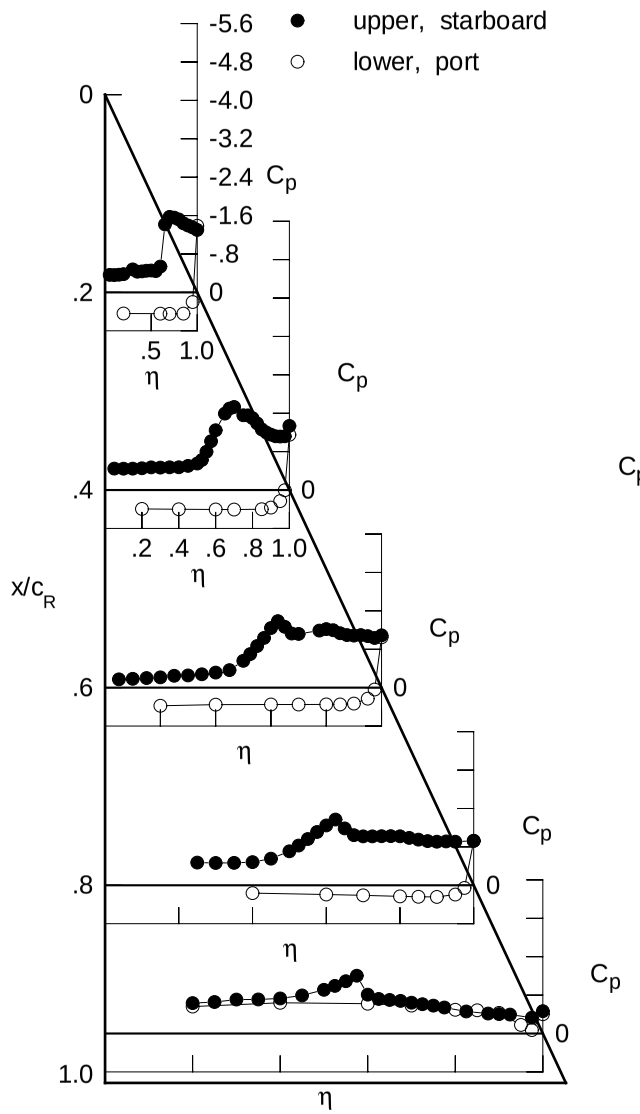


x/c_R	starb'd Cp	port Cp
0.10	-0.9211	*******
0.20	-1.2053	-1.2932
0.30	-1.3066	*******
0.40	-1.3656	-1.1324
0.50	-1.2287	*******
0.60	-1.1686	-1.0698
0.70	-1.0898	*******
0.80	-1.0145	-0.9501
0.90	*******	*******
0.95	-0.4731	-0.4192

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	-0.3648	-0.4464	-0.1731	*******	*******
0.100	-0.3609	-0.4448	-0.1842	*******	*******
0.150	-0.3681	-0.4454	-0.2002	*******	*******
0.200	-0.3800	-0.4539	-0.2146	*******	-0.6334
0.250	*******	-0.4717	-0.2475	-0.4730	-0.6558
0.300	-0.4794	-0.4675	-0.2542	-0.4650	-0.7069
0.350	-0.4308	-0.4735	-0.2781	-0.4669	-0.7095
0.400	-0.4376	-0.4745	-0.3133	-0.4825	-0.7303
0.450	-0.4510	-0.5031	-0.3644	-0.5547	-0.7932
0.500	-0.4564	-0.5518	-0.5580	-0.7083	-0.9101
0.525	*******	-0.6258	-0.6989	-0.8280	-0.9916
0.550	-0.4443	-0.7976	-0.8673	-0.9642	-1.0899
0.575	*******	-1.0171	-1.0363	-1.1101	-1.2042
0.600	-0.5381	-1.2452	-1.2420	-1.2467	-0.8098
0.625	*******	*******	-1.3855	-1.3696	-0.7199
0.650	-1.4162	-1.5920	-1.2673	-1.1850	-0.6991
0.675	*******	-1.6978	-1.1273	-1.0438	-0.6793
0.700	-1.5740	-1.7302	-1.1192	-1.0189	-0.6418
0.725	*******	*******	*******	-1.0189	-0.6100
0.750	-1.5574	-1.5575	*******	-1.0227	-0.5811
0.775	*******	-1.5557	-1.1886	-1.0244	-0.5413
0.800	-1.5201	-1.4980	-1.2199	-1.0207	*******
0.825	*******	-1.3889	-1.1970	-0.9875	-0.4590
0.850	-1.4393	-1.2635	-1.1334	-0.9514	*******
0.875	*******	-1.1981	-1.0950	-0.9210	-0.4158
0.900	-1.3936	-1.1533	-1.0838	-0.9082	-0.4044
0.925	*******	-1.1197	-1.0950	-0.9139	-0.3944
0.950	-1.3538	-1.1145	-1.0735	-0.9077	*******
0.975	*******	-1.1193	-1.0347	*******	-0.3304
1.000	-1.3008	-1.3361	-1.0894	-0.9275	-0.4659
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4402	0.3935	0.3779	*******	-0.5613
-0.400	*******	0.4006	0.3541	0.1632	-0.6402
-0.600	0.4431	0.4050	0.3514	0.1922	-0.6210
-0.700	0.4470	0.4066	0.3518	0.2096	-0.5817
-0.800	*******	*******	0.3492	0.2310	-0.4943
-0.850	0.4424	0.3999	0.3504	0.2391	-0.4837
-0.900	*******	0.3652	0.3324	0.2428	-0.4299
-0.950	0.2009	0.2303	0.2296	0.1925	-0.1787
-0.975	*******	0.0041	0.0392	0.0550	-0.0719
-1.000	-1.3878	-1.1515	-1.0489	-0.9246	-0.4015

Surface Pressures



Large Radius L.E.

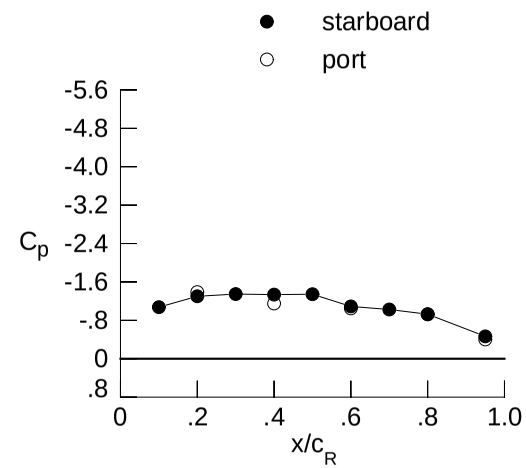
Run No. = 72 , Point No. = 1522

C_N = 0.873, C_m = -0.1269

α = 18.5 °, M_∞ = 0.829

R_{mac} = 60.0×10^6

Leading Edge Pressures

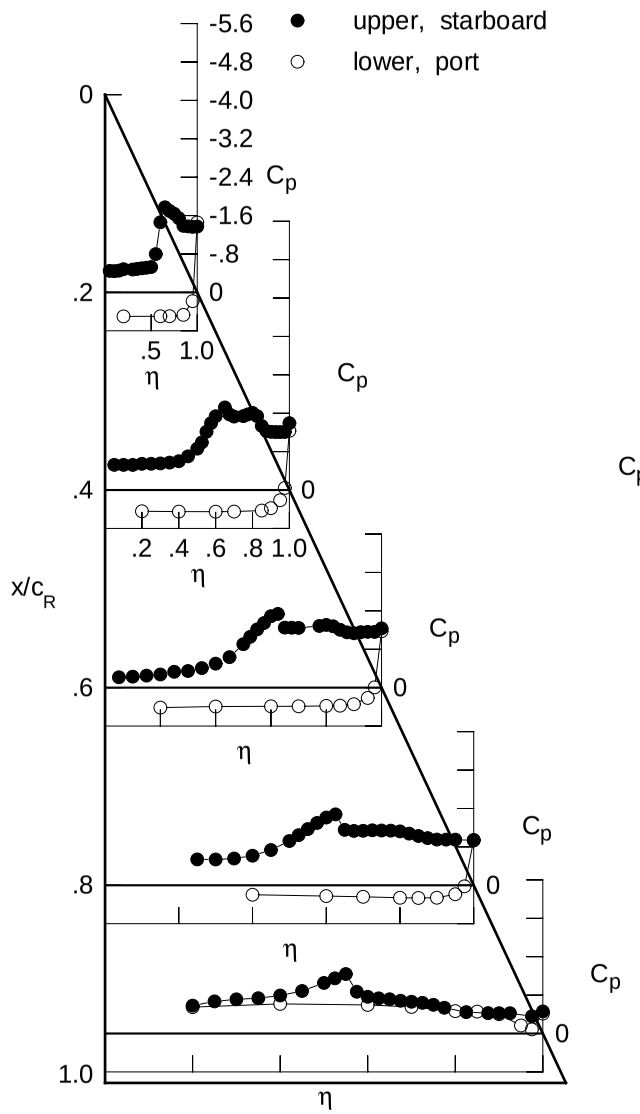


x/c_R	starb'd C_p	port C_p
0.10	-1.0742	*******
0.20	-1.3008	-1.3878
0.30	-1.3469	*******
0.40	-1.3361	-1.1515
0.50	-1.3437	*******
0.60	-1.0894	-1.0489
0.70	-1.0257	*******
0.80	-0.9275	-0.9246
0.90	*******	*******
0.95	-0.4659	-0.4015

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	-0.4477	-0.5244	-0.2160	*******	*******
0.100	-0.4420	-0.5244	-0.2289	*******	*******
0.150	-0.4528	-0.5234	-0.2507	*******	*******
0.200	-0.4829	-0.5466	-0.2745	*******	-0.5810
0.250	*******	-0.5472	-0.3302	-0.5395	-0.6687
0.300	-0.4759	-0.5541	-0.3464	-0.5376	-0.7121
0.350	-0.4899	-0.5711	-0.4072	-0.5576	-0.7356
0.400	-0.5026	-0.6000	-0.5001	-0.6158	-0.7921
0.450	-0.5136	-0.7016	-0.6355	-0.7342	-0.8859
0.500	-0.5279	-0.8615	-0.9049	-0.9221	-1.0538
0.525	*******	-0.9921	-1.0580	-1.0440	-1.1497
0.550	-0.7982	-1.2140	-1.2134	-1.1710	-1.2396
0.575	*******	-1.3934	-1.3463	-1.2984	-0.8702
0.600	-1.4612	-1.5377	-1.4890	-1.4114	-0.7648
0.625	*******	*******	-1.5359	-1.4777	-0.7328
0.650	-1.7729	-1.7204	-1.2504	-1.1555	-0.7135
0.675	*******	-1.5746	-1.2478	-1.1328	-0.6820
0.700	-1.6967	-1.5303	-1.2447	-1.1353	-0.6617
0.725	*******	*******	*******	-1.1457	-0.6388
0.750	-1.6388	-1.5399	*******	-1.1413	-0.5986
0.775	*******	-1.5761	-1.2852	-1.1383	-0.5370
0.800	-1.5460	-1.6061	-1.3072	-1.1231	*******
0.825	*******	-1.5391	-1.2776	-1.0763	-0.4457
0.850	-1.3863	-1.3348	-1.2055	-1.0275	*******
0.875	*******	-1.2299	-1.1516	-0.9836	-0.4245
0.900	-1.3754	-1.2131	-1.1325	-0.9528	-0.4232
0.925	*******	-1.2082	-1.1548	-0.9515	-0.4224
0.950	-1.3647	-1.2079	-1.1621	-0.9514	*******
0.975	*******	-1.2094	-1.1611	*******	-0.3589
1.000	-1.3715	-1.3933	-1.2350	-0.9354	-0.4602
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5003	0.4422	0.4163	*******	-0.5497
-0.400	*******	0.4494	0.3933	0.1969	-0.6170
-0.600	0.4977	0.4511	0.3891	0.2246	-0.5953
-0.700	0.4956	0.4489	0.3885	0.2398	-0.5540
-0.800	*******	*******	0.3804	0.2601	-0.4661
-0.850	0.4678	0.4272	0.3757	0.2641	-0.4561
-0.900	*******	0.3774	0.3452	0.2595	-0.4024
-0.950	0.1821	0.2117	0.2148	0.1867	-0.1670
-0.975	*******	-0.0432	-0.0064	0.0217	-0.0864
-1.000	-1.4572	-1.2334	-1.1760	-0.9458	-0.4141

Surface Pressures



Large Radius L.E.

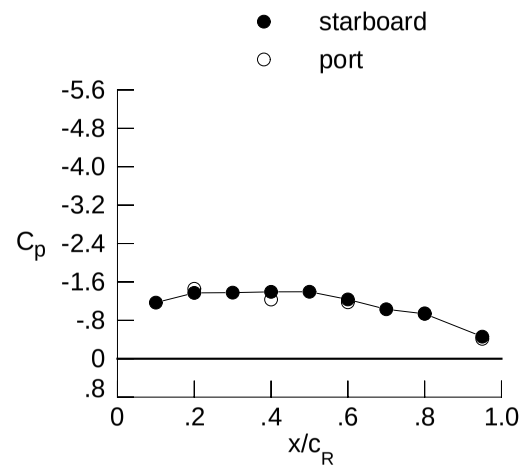
Run No. = 72 , Point No. = 1523

C_N = 0.983, C_m = -0.1418

α = 20.5 °, M_∞ = 0.830

R_{mac} = 60.1×10^6

Leading Edge Pressures

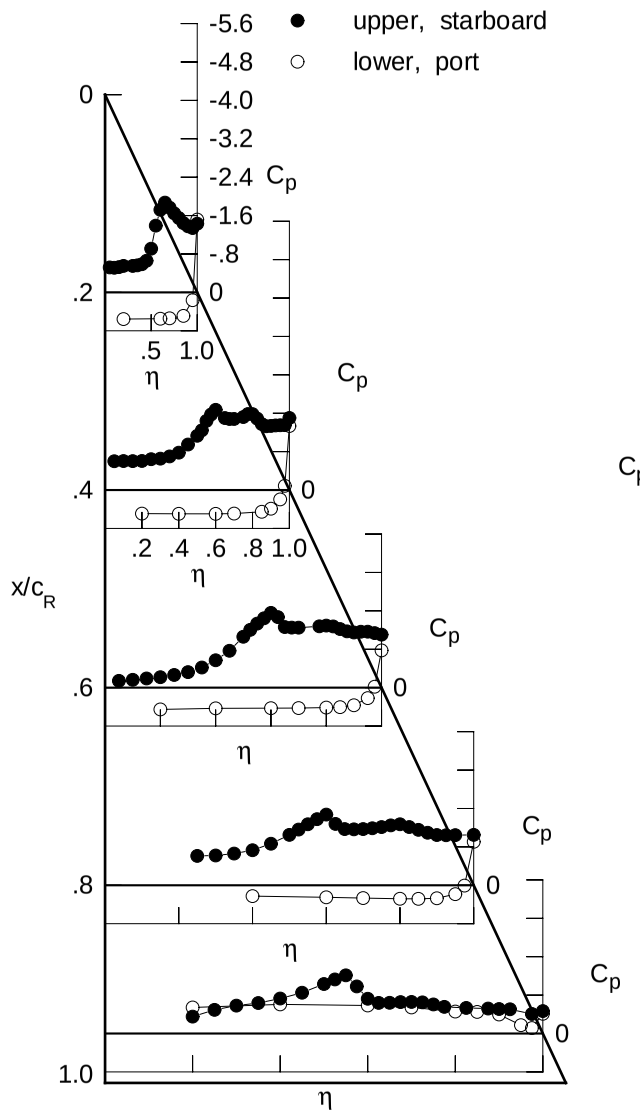


x/c_R	starb'd C_p	port C_p
0.10	-1.1690	*******
0.20	-1.3715	-1.4572
0.30	-1.3768	*******
0.40	-1.3933	-1.2334
0.50	-1.3952	*******
0.60	-1.2350	-1.1760
0.70	-1.0304	*******
0.80	-0.9354	-0.9458
0.90	*******	*******
0.95	-0.4602	-0.4141

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	-0.5204	-0.5996	-0.1413	*******	*******
0.100	-0.5130	-0.6040	-0.1631	*******	*******
0.150	-0.5261	-0.6022	-0.1910	*******	*******
0.200	-0.5519	-0.6057	-0.2178	*******	-0.3516
0.250	*******	-0.6421	-0.2640	-0.6121	-0.4931
0.300	-0.5516	-0.6537	-0.3231	-0.6207	-0.5809
0.350	-0.5636	-0.6997	-0.4189	-0.6605	-0.6348
0.400	-0.5875	-0.7783	-0.5708	-0.7306	-0.7284
0.450	-0.6594	-0.9479	-0.7677	-0.8657	-0.8496
0.500	-0.9103	-1.1300	-1.0602	-1.0505	-1.0315
0.525	*******	-1.2441	-1.2039	-1.1611	-1.1265
0.550	-1.3901	-1.4407	-1.3335	-1.2712	-1.2118
0.575	*******	-1.5734	-1.4447	-1.3774	-0.9809
0.600	-1.7208	-1.6714	-1.5573	-1.4731	-0.7243
0.625	*******	*******	-1.4695	-1.2786	-0.6373
0.650	-1.8706	-1.5002	-1.2624	-1.1714	-0.6401
0.675	*******	-1.4802	-1.2502	-1.1657	-0.6547
0.700	-1.7659	-1.4812	-1.2493	-1.1711	-0.6578
0.725	*******	*******	*******	-1.1880	-0.6486
0.750	-1.6463	-1.5208	*******	-1.2128	-0.6055
0.775	*******	-1.5829	-1.2779	-1.2481	-0.5554
0.800	-1.5500	-1.5817	-1.2925	-1.2716	*******
0.825	*******	-1.4891	-1.2749	-1.2140	-0.5330
0.850	-1.4432	-1.3743	-1.2204	-1.1554	*******
0.875	*******	-1.3290	-1.1725	-1.0943	-0.5196
0.900	-1.3767	-1.3356	-1.1487	-1.0474	-0.5106
0.925	*******	-1.3460	-1.1646	-1.0424	-0.5046
0.950	-1.3411	-1.3499	-1.1659	-1.0446	*******
0.975	*******	-1.3521	-1.1359	*******	-0.4071
1.000	-1.4309	-1.5018	-1.1043	-1.0501	-0.4672
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5556	0.4910	0.4538	*******	-0.5424
-0.400	*******	0.4953	0.4312	0.2258	-0.6067
-0.600	0.5487	0.4959	0.4276	0.2505	-0.5837
-0.700	0.5401	0.4907	0.4253	0.2665	-0.5430
-0.800	*******	*******	0.4153	0.2810	-0.4579
-0.850	0.4897	0.4525	0.4067	0.2824	-0.4496
-0.900	*******	0.3891	0.3672	0.2706	-0.3959
-0.950	0.1622	0.1952	0.2187	0.1848	-0.1733
-0.975	*******	-0.0871	-0.0194	0.0065	-0.1137
-1.000	-1.5171	-1.3338	-0.7760	-0.9057	-0.4106

Surface Pressures



Large Radius L.E.

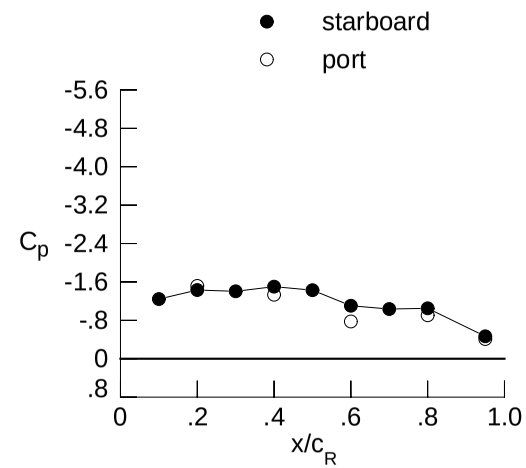
Run No. = 72 , Point No. = 1524

C_N = 1.066, C_m = -0.1597

α = 22.6 °, M_∞ = 0.829

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

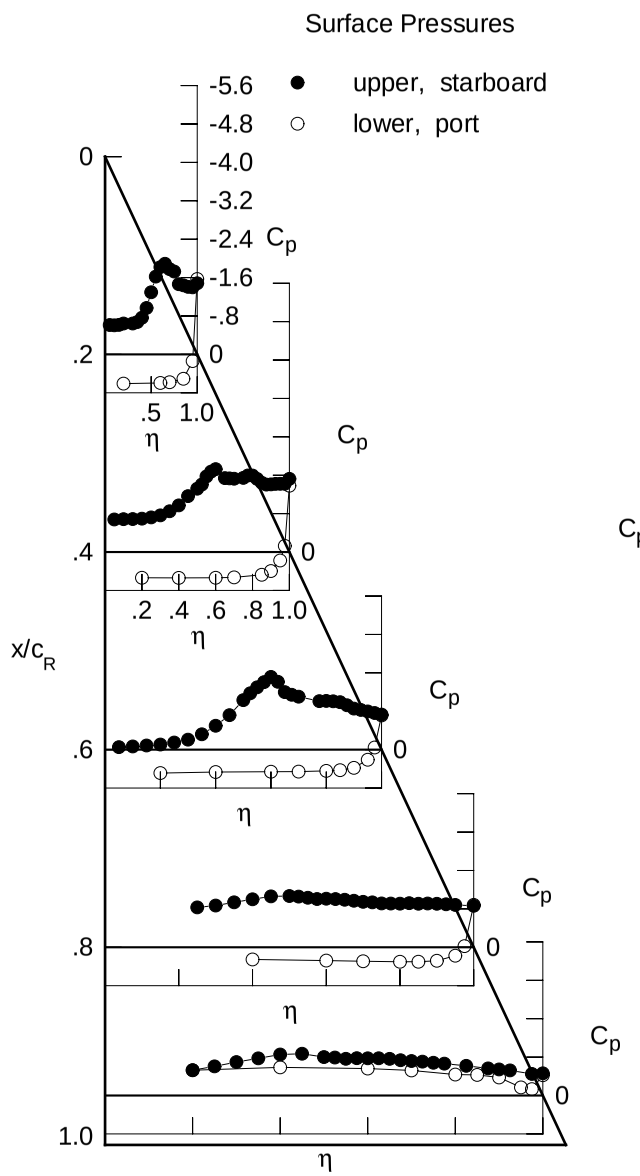
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.2429	*******
0.20	-1.4309	-1.5171
0.30	-1.4046	*******
0.40	-1.5018	-1.3338
0.50	-1.4281	*******
0.60	-1.1043	-0.7760
0.70	-1.0353	*******
0.80	-1.0501	-0.9057
0.90	*******	*******
0.95	-0.4672	-0.4106

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	-0.6116	-0.6784	-0.0523	*******	*******
0.100	-0.6057	-0.6850	-0.0666	*******	*******
0.150	-0.6141	-0.6870	-0.0868	*******	*******
0.200	-0.6432	-0.6952	-0.1067	*******	-0.5275
0.250	*******	-0.7219	-0.1481	-0.8308	-0.6072
0.300	-0.6435	-0.7643	-0.2080	-0.8699	-0.6964
0.350	-0.6742	-0.8496	-0.3199	-0.9365	-0.7744
0.400	-0.7637	-0.9717	-0.4977	-1.0004	-0.8540
0.450	-0.9671	-1.1647	-0.7188	-1.0610	-0.8702
0.500	-1.2946	-1.3191	-1.0316	-1.0677	-0.8004
0.525	*******	-1.4060	-1.1743	-1.0560	-0.7914
0.550	-1.6205	-1.5753	-1.2982	-1.0322	-0.7646
0.575	*******	-1.6752	-1.4068	-1.0060	-0.7780
0.600	-1.8177	-1.7276	-1.5155	-1.0118	-0.7754
0.625	*******	*******	-1.4133	-1.0050	-0.7761
0.650	-1.8878	-1.5398	-1.1983	-0.9905	-0.7643
0.675	*******	-1.5343	-1.1432	-0.9699	-0.7355
0.700	-1.7764	-1.5269	-1.1032	-0.9472	-0.7188
0.725	*******	*******	*******	-0.9358	-0.7057
0.750	-1.7265	-1.5448	*******	-0.9134	-0.6828
0.775	*******	-1.5954	-1.0103	-0.9109	-0.6640
0.800	-1.4622	-1.5936	-1.0151	-0.9089	*******
0.825	*******	-1.5234	-1.0069	-0.9193	-0.6184
0.850	-1.4388	-1.4430	-0.9888	-0.9072	*******
0.875	*******	-1.4050	-0.9251	-0.9122	-0.5652
0.900	-1.4073	-1.4097	-0.8550	-0.9061	-0.5429
0.925	*******	-1.4201	-0.8273	-0.8959	-0.5235
0.950	-1.3971	-1.4217	-0.7957	-0.8820	*******
0.975	*******	-1.4218	-0.7635	*******	-0.4495
1.000	-1.4814	-1.5244	-0.7300	-0.8649	-0.4625
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.6088	0.5359	0.4883	*******	-0.5266
-0.400	*******	0.5388	0.4666	0.2535	-0.5862
-0.600	0.5954	0.5360	0.4599	0.2770	-0.5614
-0.700	0.5799	0.5282	0.4575	0.2910	-0.5222
-0.800	*******	*******	0.4425	0.3016	-0.4366
-0.850	0.5079	0.4734	0.4281	0.3005	-0.4292
-0.900	*******	0.3958	0.3789	0.2811	-0.3762
-0.950	0.1392	0.1760	0.2106	0.1753	-0.1690
-0.975	*******	-0.1279	-0.0447	-0.0236	-0.1326
-1.000	-1.5702	-1.3819	-0.7127	-0.8840	-0.4221



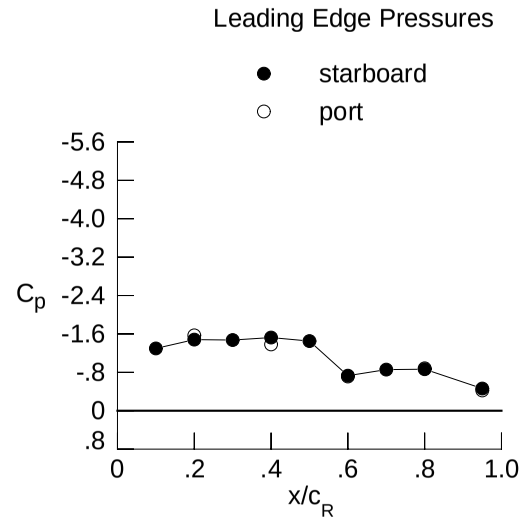
Large Radius L.E.

Run No. = 72 , Point No. = 1525

C_N = 1.125, C_m = -0.1667

α = 24.6 °, M_∞ = 0.830

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

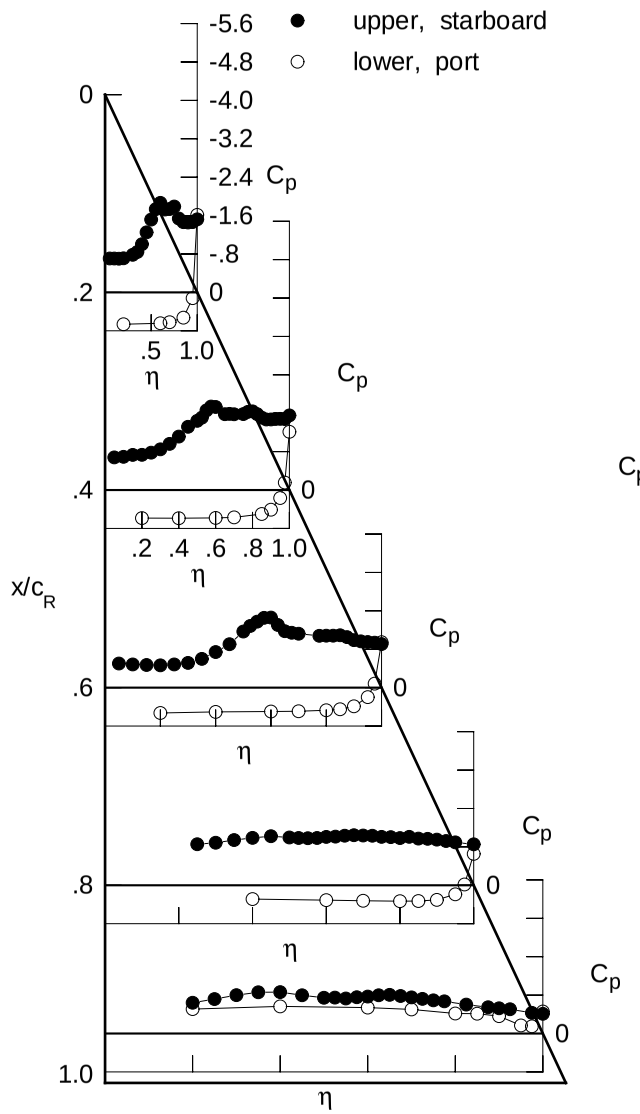


x/c_R	starb'd Cp	port Cp
0.10	-1.2975	*******
0.20	-1.4814	-1.5702
0.30	-1.4726	*******
0.40	-1.5244	-1.3819
0.50	-1.4512	*******
0.60	-0.7300	-0.7127
0.70	-0.8568	*******
0.80	-0.8649	-0.8840
0.90	*******	*******
0.95	-0.4625	-0.4221

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	-0.7064	-0.6799	-0.5025	*******	*******
0.100	-0.7058	-0.6923	-0.4830	*******	*******
0.150	-0.7014	-0.7323	-0.4721	*******	*******
0.200	-0.7102	-0.7337	-0.4649	*******	-0.6407
0.250	*******	-0.7781	-0.4829	-0.8550	-0.7174
0.300	-0.7831	-0.8483	-0.5150	-0.8861	-0.7994
0.350	-0.8414	-0.9615	-0.5992	-0.9421	-0.8589
0.400	-1.0041	-1.1137	-0.7413	-0.9878	-0.8624
0.450	-1.2508	-1.3173	-0.9045	-1.0222	-0.7968
0.500	-1.5165	-1.4414	-1.1688	-0.9960	-0.7445
0.525	*******	-1.5077	-1.2851	-0.9855	-0.7482
0.550	-1.7336	-1.6588	-1.3748	-0.9810	-0.7296
0.575	*******	-1.7390	-1.4541	-0.9852	-0.7559
0.600	-1.8657	-1.7302	-1.4603	-1.0077	-0.7694
0.625	*******	*******	-1.3060	-1.0133	-0.7966
0.650	-1.7266	-1.5799	-1.1761	-1.0325	-0.8058
0.675	*******	-1.5874	-1.1436	-1.0435	-0.7813
0.700	-1.7371	-1.5786	-1.1233	-1.0366	-0.7532
0.725	*******	*******	*******	-1.0317	-0.7216
0.750	-1.7889	-1.5823	*******	-1.0086	-0.6912
0.775	*******	-1.6287	-1.0798	-1.0034	-0.6702
0.800	-1.5393	-1.6395	-1.0825	-0.9840	*******
0.825	*******	-1.5814	-1.0825	-1.0098	-0.6024
0.850	-1.4630	-1.5082	-1.0910	-0.9726	*******
0.875	*******	-1.4697	-1.0528	-0.9679	-0.5471
0.900	-1.4562	-1.4703	-0.9893	-0.9509	-0.5256
0.925	*******	-1.4811	-0.9647	-0.9220	-0.5055
0.950	-1.4652	-1.4828	-0.9502	-0.8940	*******
0.975	*******	-1.4789	-0.9368	*******	-0.4306
1.000	-1.5218	-1.5542	-0.9083	-0.8534	-0.4102
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.6637	0.5847	0.5280	*******	-0.5088
-0.400	*******	0.5870	0.5053	0.2876	-0.5650
-0.600	0.6434	0.5806	0.4974	0.3097	-0.5398
-0.700	0.6217	0.5699	0.4919	0.3223	-0.5017
-0.800	*******	*******	0.4712	0.3315	-0.4170
-0.850	0.5264	0.4995	0.4501	0.3281	-0.4131
-0.900	*******	0.4095	0.3889	0.3036	-0.3616
-0.950	0.1197	0.1663	0.1977	0.1882	-0.1681
-0.975	*******	-0.1557	-0.0829	-0.0166	-0.1499
-1.000	-1.6147	-1.2140	-0.9475	-0.6541	-0.4582

Surface Pressures



Large Radius L.E.

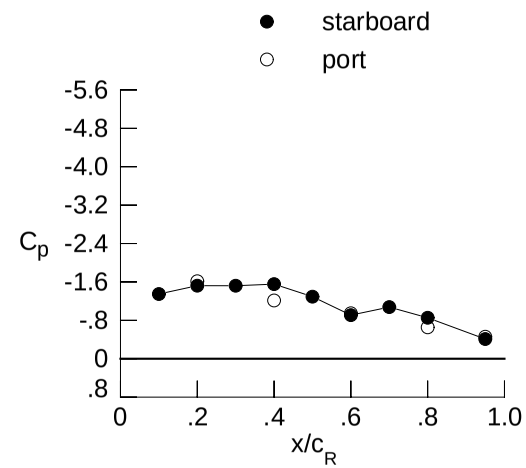
Run No. = 72 , Point No. = 1526

C_N = 1.179, C_m = -0.1690

α = 26.6 °, M_∞ = 0.830

R_{mac} = 59.9×10^6

Leading Edge Pressures

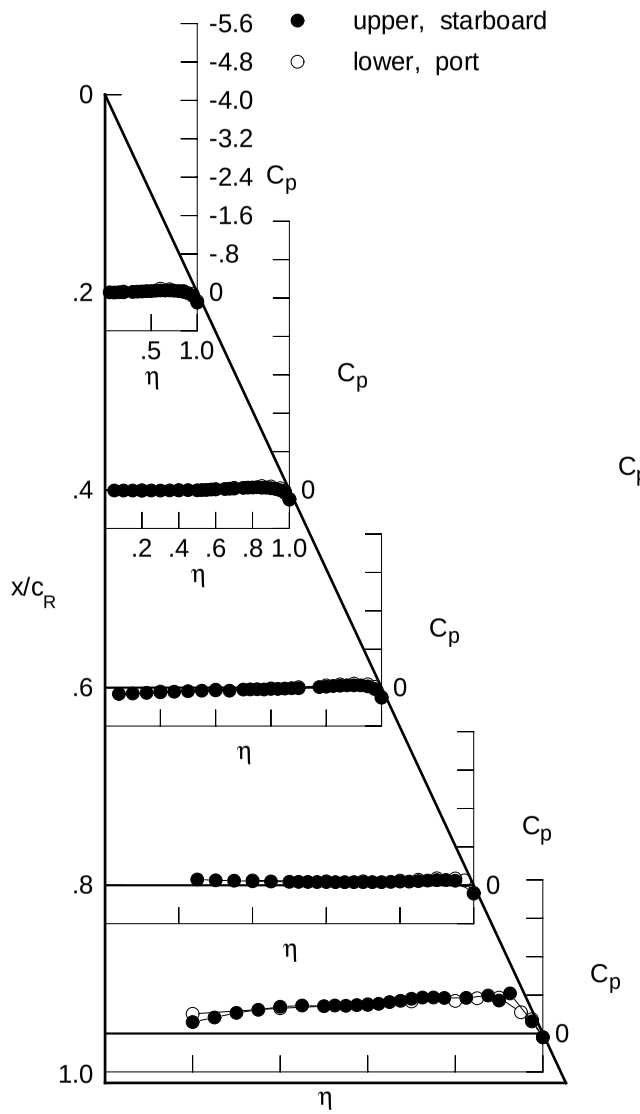


x/c_R	starb'd Cp	port Cp
0.10	-1.3481	*******
0.20	-1.5218	-1.6147
0.30	-1.5206	*******
0.40	-1.5542	-1.2140
0.50	-1.2930	*******
0.60	-0.9083	-0.9475
0.70	-1.0758	*******
0.80	-0.8534	-0.6541
0.90	*******	*******
0.95	-0.4102	-0.4582

Table E4. Concluded.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0011	0.0097	0.1309	*******	*******
0.100	0.0027	0.0108	0.1215	*******	*******
0.150	-0.0023	0.0102	0.1088	*******	*******
0.200	-0.0018	0.0147	0.0965	*******	-0.2386
0.250	*******	0.0095	0.0846	-0.1210	-0.3337
0.300	-0.0097	0.0111	0.0741	-0.1043	-0.4302
0.350	-0.0155	0.0075	0.0629	-0.0957	-0.4947
0.400	-0.0188	0.0079	0.0565	-0.0840	-0.5577
0.450	-0.0261	0.0018	0.0633	-0.0790	-0.5828
0.500	-0.0274	0.0053	0.0396	-0.0729	-0.5699
0.525	*******	-0.0003	0.0371	-0.0714	-0.5835
0.550	-0.0360	-0.0023	0.0337	-0.0693	-0.5775
0.575	*******	-0.0102	0.0388	-0.0681	-0.5921
0.600	-0.0398	-0.0133	0.0250	-0.0683	-0.5970
0.625	*******	*******	0.0260	-0.0653	-0.6184
0.650	-0.0389	-0.0212	0.0189	-0.0645	-0.6551
0.675	*******	-0.0270	0.0124	-0.0657	-0.6820
0.700	-0.0409	-0.0306	0.0117	-0.0653	-0.7240
0.725	*******	*******	*******	-0.0659	-0.7492
0.750	-0.0351	-0.0454	*******	-0.0651	-0.7504
0.775	*******	-0.0503	-0.0122	-0.0714	-0.7405
0.800	-0.0275	-0.0528	-0.0200	-0.0774	*******
0.825	*******	-0.0585	-0.0343	-0.0765	-0.7427
0.850	-0.0113	-0.0489	-0.0412	-0.0864	*******
0.875	*******	-0.0495	-0.0480	-0.0988	-0.7914
0.900	0.0169	-0.0376	-0.0474	-0.1084	-0.6874
0.925	*******	-0.0223	-0.0471	-0.1103	-0.8354
0.950	0.0697	0.0052	-0.0261	-0.0950	*******
0.975	*******	0.0583	0.0280	*******	-0.2523
1.000	0.2128	0.1998	0.2094	0.1582	0.0794
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0167	0.0041	0.0821	*******	-0.4100
-0.400	*******	0.0010	0.0423	-0.1012	-0.5261
-0.600	-0.0775	-0.0170	0.0157	-0.0821	-0.6092
-0.700	-0.0655	-0.0458	-0.0085	-0.0822	-0.6689
-0.800	*******	*******	-0.0462	-0.0981	-0.6794
-0.850	-0.0280	-0.0832	-0.0679	-0.1162	-0.7341
-0.900	*******	-0.0733	-0.0839	-0.1453	-0.7478
-0.950	0.0267	-0.0376	-0.0697	-0.1413	-0.4423
-0.975	*******	0.0178	-0.0157	-0.1015	-0.2988
-1.000	0.1806	0.1851	0.1979	0.1736	0.0771

Surface Pressures



Large Radius L.E.

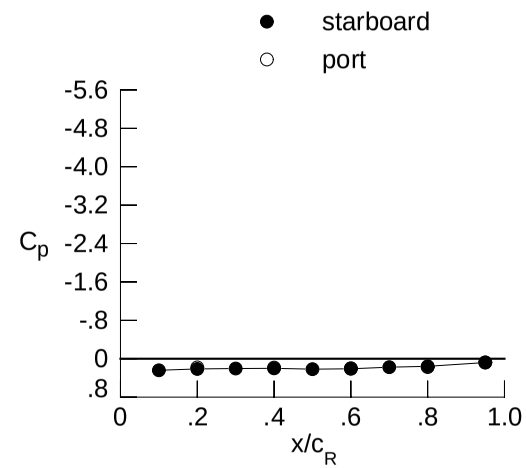
Run No. = 72 , Point No. = 1527

C_N = -0.022, C_m = 0.0061

α = -0.4 °, M_∞ = 0.829

R_{mac} = 60.3×10^6

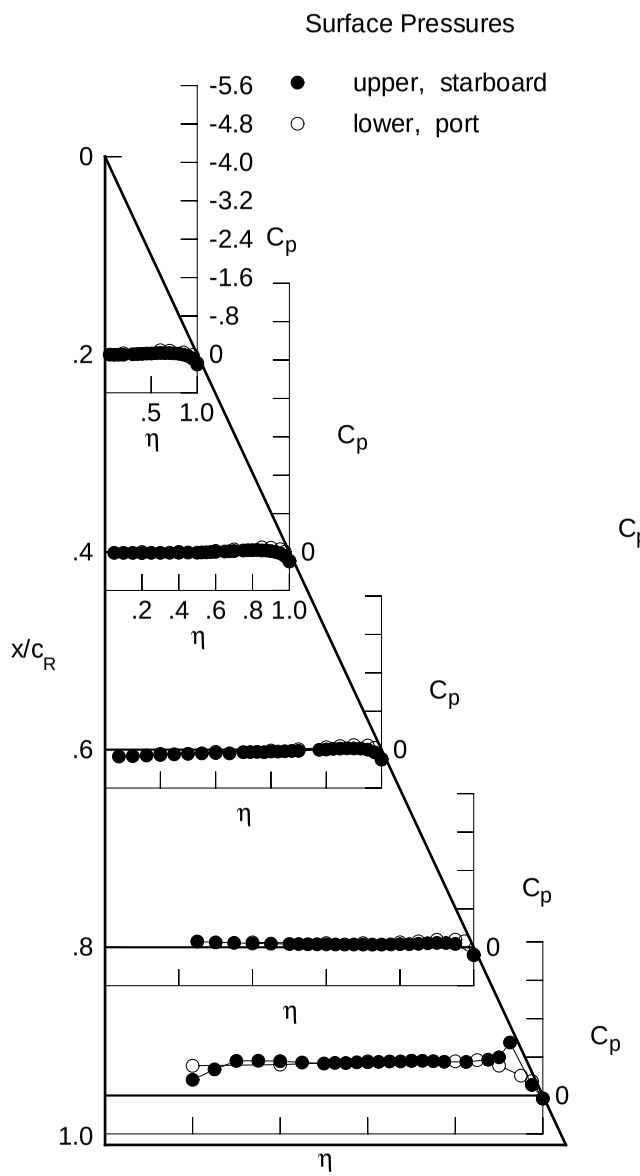
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2406	*******
0.20	0.2128	0.1806
0.30	0.2041	*******
0.40	0.1998	0.1851
0.50	0.2175	*******
0.60	0.2094	0.1979
0.70	0.1762	*******
0.80	0.1582	0.1736
0.90	*******	*******
0.95	0.0794	0.0771

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	0.0055	0.0177	0.1430	*******	*******
0.100	0.0099	0.0173	0.1348	*******	*******
0.150	0.0065	0.0175	0.1221	*******	*******
0.200	0.0073	0.0215	0.1104	*******	-0.3273
0.250	*******	0.0171	0.0975	-0.1200	-0.5439
0.300	-0.0020	0.0177	0.0875	-0.1023	-0.7206
0.350	-0.0071	0.0153	0.0773	-0.0932	-0.7243
0.400	-0.0101	0.0146	0.0698	-0.0798	-0.7156
0.450	-0.0169	0.0102	0.0778	-0.0757	-0.6875
0.500	-0.0178	0.0134	0.0530	-0.0683	-0.6662
0.525	*******	0.0086	0.0513	-0.0665	-0.6792
0.550	-0.0258	0.0067	0.0462	-0.0635	-0.6757
0.575	*******	-0.0010	0.0533	-0.0620	-0.6912
0.600	-0.0292	-0.0040	0.0390	-0.0612	-0.6939
0.625	*******	*******	0.0400	-0.0582	-0.7002
0.650	-0.0275	-0.0109	0.0335	-0.0575	-0.7091
0.675	*******	-0.0161	0.0272	-0.0578	-0.7093
0.700	-0.0284	-0.0199	0.0249	-0.0565	-0.7223
0.725	*******	*******	*******	-0.0559	-0.7232
0.750	-0.0219	-0.0324	*******	-0.0563	-0.7151
0.775	*******	-0.0380	0.0043	-0.0599	-0.7032
0.800	-0.0130	-0.0386	-0.0030	-0.0649	*******
0.825	*******	-0.0432	-0.0170	-0.0650	-0.6994
0.850	0.0051	-0.0331	-0.0217	-0.0725	*******
0.875	*******	-0.0322	-0.0275	-0.0838	-0.7458
0.900	0.0348	-0.0186	-0.0246	-0.0915	-0.7964
0.925	*******	-0.0015	-0.0215	-0.0899	-1.1042
0.950	0.0891	0.0276	0.0012	-0.0707	*******
0.975	*******	0.0825	0.0571	*******	-0.2193
1.000	0.2121	0.1979	0.2076	0.1526	0.0629
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0222	-0.0005	0.0888	*******	-0.6196
-0.400	*******	-0.0021	0.0464	-0.1019	-0.6435
-0.600	-0.0857	-0.0230	0.0182	-0.0859	-0.7108
-0.700	-0.0759	-0.0539	-0.0082	-0.0858	-0.7243
-0.800	*******	*******	-0.0493	-0.1038	-0.7123
-0.850	-0.0411	-0.0969	-0.0742	-0.1233	-0.7375
-0.900	*******	-0.0901	-0.0940	-0.1563	-0.6218
-0.950	0.0113	-0.0582	-0.0859	-0.1591	-0.4146
-0.975	*******	-0.0047	-0.0369	-0.1240	-0.3013
-1.000	0.1771	0.1823	0.1947	0.1652	0.0626



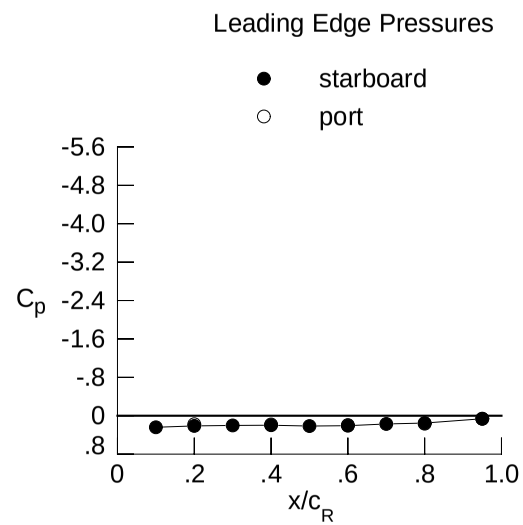
Large Radius L.E.

Run No. = 73 , Point No. = 1528

C_N = -0.034, C_m = 0.0069

α = -0.8 °, M_∞ = 0.870

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

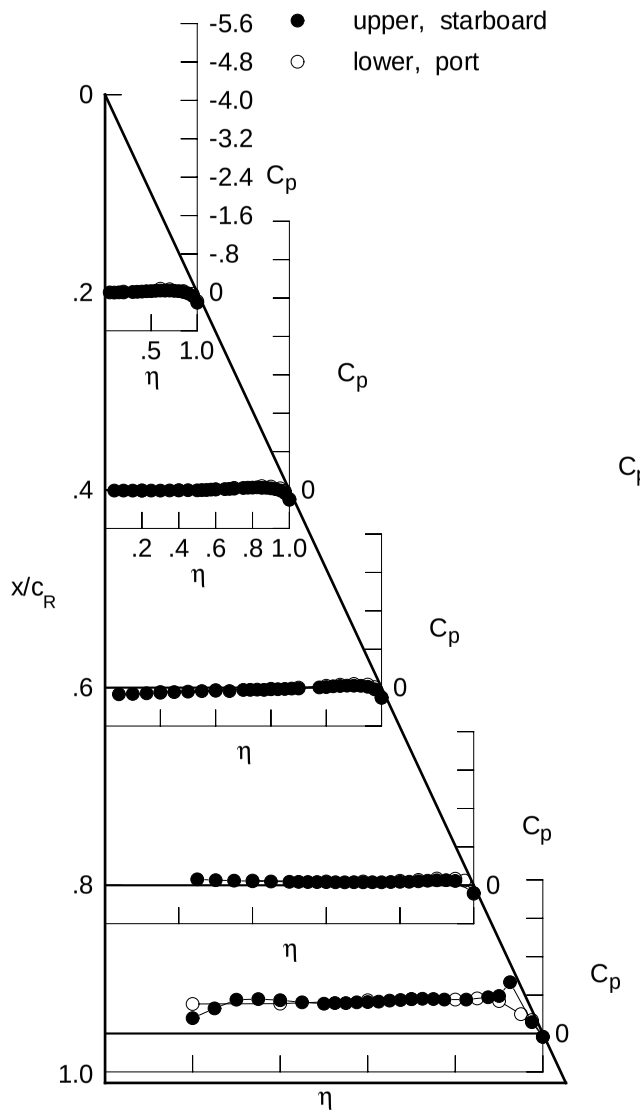


x/c_R	starb'd C_p	port C_p
0.10	0.2407	*******
0.20	0.2121	0.1771
0.30	0.2022	*******
0.40	0.1979	0.1823
0.50	0.2149	*******
0.60	0.2076	0.1947
0.70	0.1714	*******
0.80	0.1526	0.1652
0.90	*******	*******
0.95	0.0629	0.0626

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	0.0004	0.0113	0.1385	*******	*******
0.100	0.0042	0.0114	0.1301	*******	*******
0.150	0.0001	0.0119	0.1174	*******	*******
0.200	0.0006	0.0153	0.1061	*******	-0.3204
0.250	*******	0.0112	0.0926	-0.1236	-0.5232
0.300	-0.0076	0.0118	0.0832	-0.1066	-0.7045
0.350	-0.0129	0.0085	0.0721	-0.0967	-0.7168
0.400	-0.0167	0.0079	0.0651	-0.0839	-0.6939
0.450	-0.0238	0.0031	0.0710	-0.0794	-0.6493
0.500	-0.0252	0.0062	0.0476	-0.0725	-0.6207
0.525	*******	0.0011	0.0456	-0.0709	-0.6346
0.550	-0.0339	-0.0012	0.0414	-0.0682	-0.6336
0.575	*******	-0.0087	0.0468	-0.0670	-0.6495
0.600	-0.0384	-0.0117	0.0336	-0.0667	-0.6555
0.625	*******	*******	0.0332	-0.0631	-0.6642
0.650	-0.0369	-0.0195	0.0272	-0.0615	-0.6852
0.675	*******	-0.0243	0.0196	-0.0641	-0.6975
0.700	-0.0388	-0.0290	0.0179	-0.0620	-0.7181
0.725	*******	*******	*******	-0.0631	-0.7243
0.750	-0.0332	-0.0431	*******	-0.0625	-0.7181
0.775	*******	-0.0487	-0.0046	-0.0679	-0.7075
0.800	-0.0256	-0.0503	-0.0123	-0.0731	*******
0.825	*******	-0.0564	-0.0281	-0.0734	-0.7060
0.850	-0.0079	-0.0464	-0.0342	-0.0831	*******
0.875	*******	-0.0474	-0.0415	-0.0956	-0.7555
0.900	0.0207	-0.0348	-0.0410	-0.1043	-0.7818
0.925	*******	-0.0186	-0.0386	-0.1065	-1.0687
0.950	0.0731	0.0077	-0.0186	-0.0901	*******
0.975	*******	0.0620	0.0354	*******	-0.2361
1.000	0.2151	0.2028	0.2127	0.1607	0.0701
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0159	0.0056	0.0914	*******	-0.6154
-0.400	*******	0.0030	0.0511	-0.0984	-0.6221
-0.600	-0.0765	-0.0150	0.0241	-0.0789	-0.6924
-0.700	-0.0653	-0.0447	-0.0010	-0.0790	-0.7142
-0.800	*******	*******	-0.0395	-0.0947	-0.7069
-0.850	-0.0270	-0.0819	-0.0617	-0.1124	-0.7314
-0.900	*******	-0.0720	-0.0777	-0.1405	-0.6761
-0.950	0.0290	-0.0360	-0.0637	-0.1369	-0.4032
-0.975	*******	0.0195	-0.0108	-0.0974	-0.2805
-1.000	0.1826	0.1882	0.2024	0.1750	0.0669

Surface Pressures



Large Radius L.E.

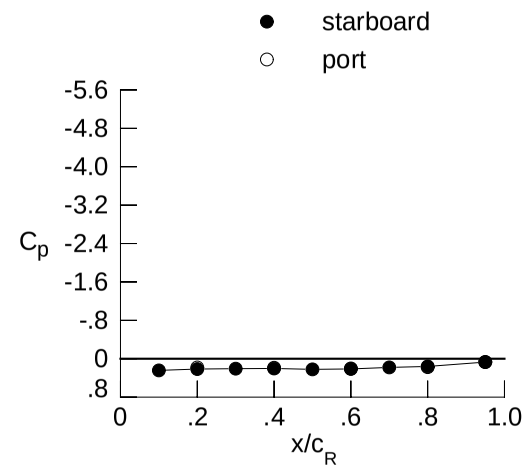
Run No. = 73 , Point No. = 1529

C_N = -0.021, C_m = 0.0056

α = -0.4 °, M_∞ = 0.869

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

Leading Edge Pressures

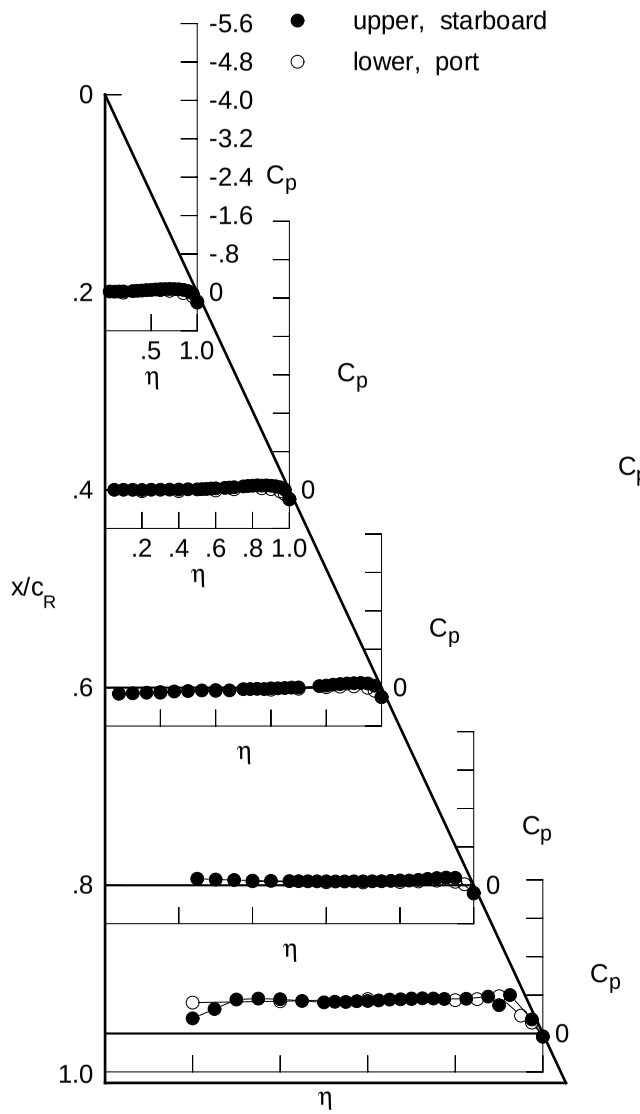


x/c_R	starb'd C_p	port C_p
0.10	0.2428	*******
0.20	0.2151	0.1826
0.30	0.2071	*******
0.40	0.2028	0.1882
0.50	0.2215	*******
0.60	0.2127	0.2024
0.70	0.1810	*******
0.80	0.1607	0.1750
0.90	*******	*******
0.95	0.0701	0.0669

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	-0.0183	-0.0051	0.1269	*******	*******
0.100	-0.0149	-0.0056	0.1182	*******	*******
0.150	-0.0186	-0.0052	0.1054	*******	*******
0.200	-0.0194	-0.0017	0.0935	*******	-0.3148
0.250	*******	-0.0062	0.0803	-0.1367	-0.5101
0.300	-0.0262	-0.0062	0.0701	-0.1199	-0.7080
0.350	-0.0333	-0.0090	0.0585	-0.1103	-0.7274
0.400	-0.0381	-0.0106	0.0507	-0.0974	-0.7149
0.450	-0.0470	-0.0161	0.0565	-0.0928	-0.6782
0.500	-0.0500	-0.0135	0.0321	-0.0871	-0.6486
0.525	*******	-0.0188	0.0296	-0.0853	-0.6613
0.550	-0.0606	-0.0222	0.0245	-0.0834	-0.6575
0.575	*******	-0.0311	0.0297	-0.0821	-0.6728
0.600	-0.0666	-0.0351	0.0147	-0.0824	-0.6784
0.625	*******	*******	0.0140	-0.0793	-0.6892
0.650	-0.0677	-0.0451	0.0079	-0.0796	-0.7072
0.675	*******	-0.0516	-0.0009	-0.0816	-0.7125
0.700	-0.0715	-0.0578	-0.0039	-0.0818	-0.7286
0.725	*******	*******	*******	-0.0831	-0.7337
0.750	-0.0690	-0.0755	*******	-0.0842	-0.7285
0.775	*******	-0.0844	-0.0318	-0.0917	-0.7201
0.800	-0.0648	-0.0896	-0.0433	-0.1005	*******
0.825	*******	-0.0981	-0.0620	-0.0990	-0.7243
0.850	-0.0521	-0.0922	-0.0735	-0.1137	*******
0.875	*******	-0.0968	-0.0866	-0.1326	-0.7696
0.900	-0.0274	-0.0895	-0.0921	-0.1502	-0.5904
0.925	*******	-0.0789	-0.0978	-0.1608	-0.8015
0.950	0.0207	-0.0571	-0.0876	-0.1566	*******
0.975	*******	-0.0090	-0.0420	*******	-0.2935
1.000	0.2127	0.1959	0.1959	0.1560	0.0674
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0052	0.0246	0.1052	*******	-0.6440
-0.400	*******	0.0233	0.0673	-0.0839	-0.6721
-0.600	-0.0472	0.0088	0.0432	-0.0631	-0.7176
-0.700	-0.0325	-0.0158	0.0229	-0.0593	-0.7185
-0.800	*******	*******	-0.0083	-0.0682	-0.6952
-0.850	0.0149	-0.0369	-0.0227	-0.0800	-0.7163
-0.900	*******	-0.0192	-0.0268	-0.0957	-0.7779
-0.950	0.0796	0.0274	0.0029	-0.0728	-0.3723
-0.975	*******	0.0858	0.0644	-0.0216	-0.2268
-1.000	0.1871	0.1859	0.1992	0.1714	0.0593

Surface Pressures



Large Radius L.E.

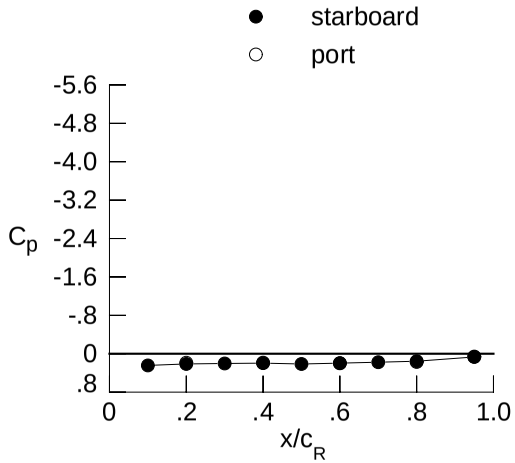
Run No. = 73 , Point No. = 1530

C_N = 0.023, C_m = -0.0037

α = 0.6 °, M_∞ = 0.869

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

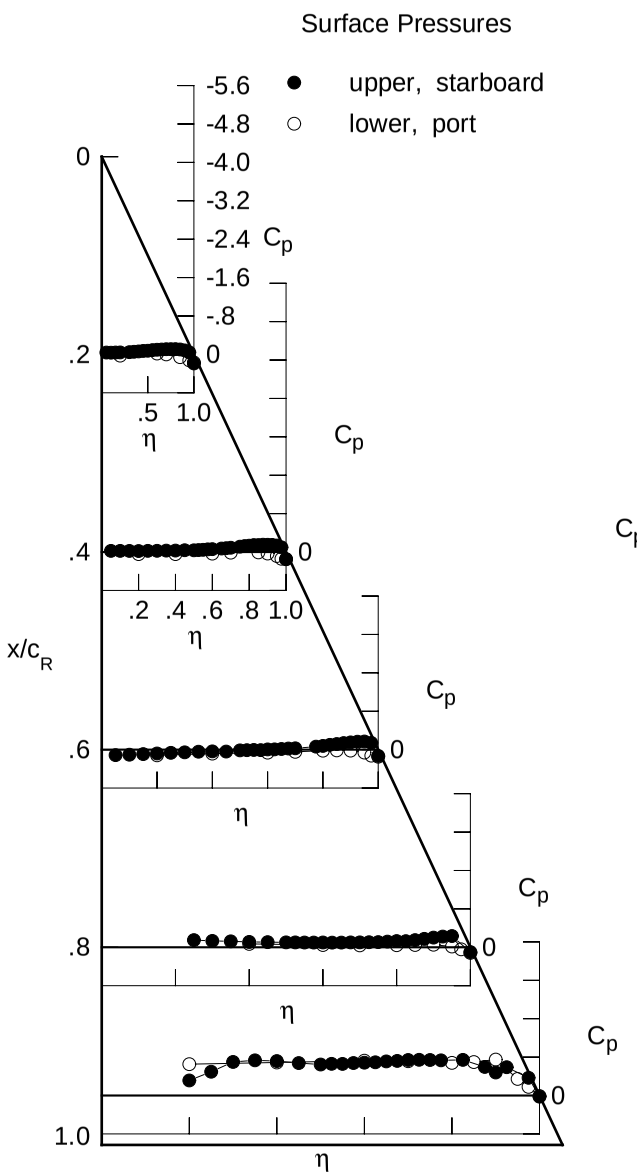
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2436	*******
0.20	0.2127	0.1871
0.30	0.2032	*******
0.40	0.1959	0.1859
0.50	0.2138	*******
0.60	0.1959	0.1992
0.70	0.1767	*******
0.80	0.1560	0.1714
0.90	*******	*******
0.95	0.0674	0.0593

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	-0.0387	-0.0237	0.1144	*******	*******
0.100	-0.0355	-0.0239	0.1052	*******	*******
0.150	-0.0393	-0.0235	0.0928	*******	*******
0.200	-0.0412	-0.0210	0.0800	*******	-0.3133
0.250	*******	-0.0252	0.0662	-0.1496	-0.4952
0.300	-0.0461	-0.0253	0.0561	-0.1330	-0.6995
0.350	-0.0547	-0.0292	0.0435	-0.1241	-0.7330
0.400	-0.0614	-0.0306	0.0357	-0.1119	-0.7178
0.450	-0.0716	-0.0379	0.0400	-0.1071	-0.6764
0.500	-0.0759	-0.0357	0.0151	-0.1023	-0.6459
0.525	*******	-0.0411	0.0115	-0.1013	-0.6598
0.550	-0.0884	-0.0460	0.0067	-0.0995	-0.6587
0.575	*******	-0.0558	0.0107	-0.0987	-0.6770
0.600	-0.0971	-0.0602	-0.0050	-0.1000	-0.6838
0.625	*******	*******	-0.0055	-0.0971	-0.6918
0.650	-0.1015	-0.0725	-0.0137	-0.0976	-0.7102
0.675	*******	-0.0800	-0.0233	-0.1019	-0.7209
0.700	-0.1080	-0.0894	-0.0282	-0.1022	-0.7397
0.725	*******	*******	*******	-0.1055	-0.7443
0.750	-0.1085	-0.1117	*******	-0.1081	-0.7404
0.775	*******	-0.1237	-0.0623	-0.1185	-0.7325
0.800	-0.1094	-0.1328	-0.0773	-0.1292	*******
0.825	*******	-0.1448	-0.1002	-0.1282	-0.7424
0.850	-0.1021	-0.1445	-0.1168	-0.1492	*******
0.875	*******	-0.1532	-0.1368	-0.1758	-0.5948
0.900	-0.0829	-0.1514	-0.1509	-0.2018	-0.4793
0.925	*******	-0.1484	-0.1658	-0.2234	-0.5894
0.950	-0.0422	-0.1362	-0.1698	-0.2344	*******
0.975	*******	-0.0982	-0.1411	*******	-0.3685
1.000	0.1889	0.1497	0.1298	0.0994	0.0242
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0257	0.0430	0.1187	*******	-0.6528
-0.400	*******	0.0430	0.0828	-0.0705	-0.6882
-0.600	-0.0173	0.0330	0.0627	-0.0469	-0.7256
-0.700	0.0002	0.0131	0.0453	-0.0402	-0.7146
-0.800	*******	*******	0.0218	-0.0433	-0.6800
-0.850	0.0579	0.0069	0.0152	-0.0483	-0.6965
-0.900	*******	0.0314	0.0198	-0.0533	-0.7490
-0.950	0.1242	0.0833	0.0608	-0.0158	-0.3457
-0.975	*******	0.1400	0.1251	0.0425	-0.1802
-1.000	0.1680	0.1479	0.1470	0.1170	0.0111



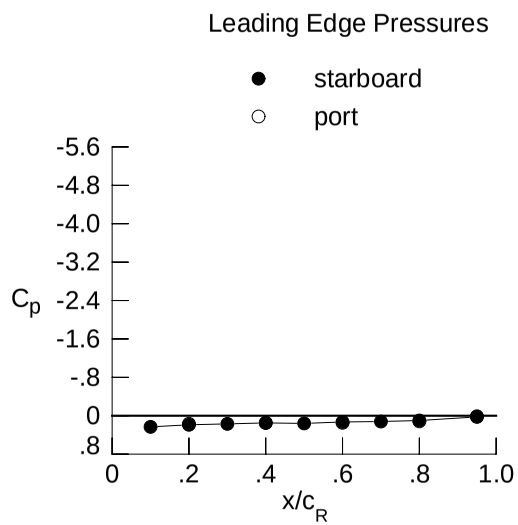
Large Radius L.E.

Run No. = 73 , Point No. = 1531

C_N = 0.066, C_m = -0.0095

α = 1.7 °, M_∞ = 0.869

R_{mac} = 60.1×10^6

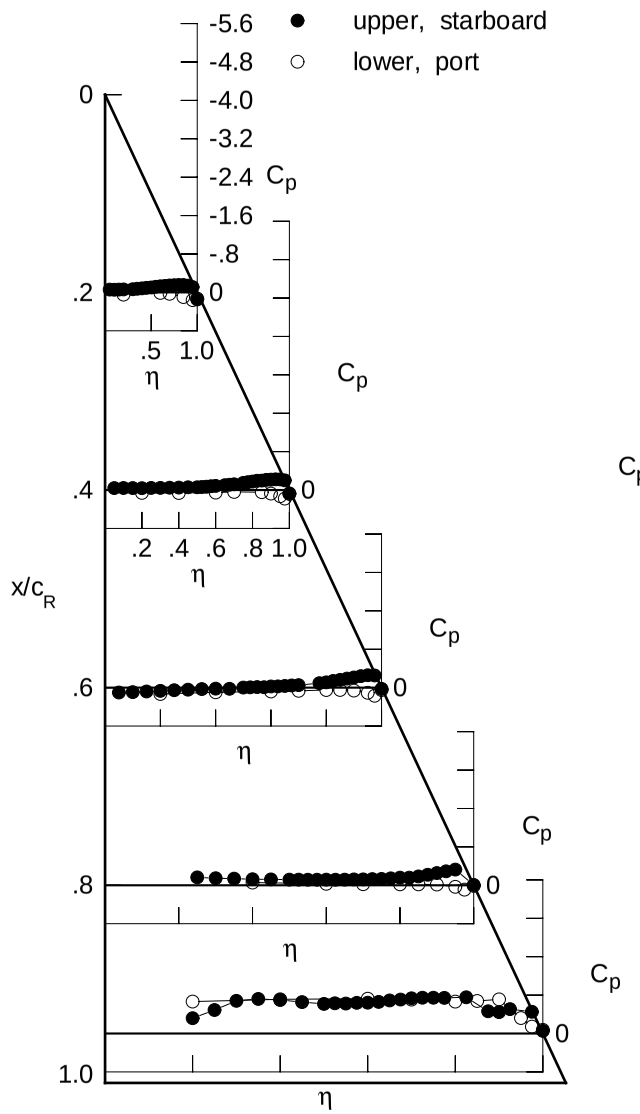


x/c_R	starb'd C_p	port C_p
0.10	0.2321	*******
0.20	0.1889	0.1680
0.30	0.1698	*******
0.40	0.1497	0.1479
0.50	0.1603	*******
0.60	0.1298	0.1470
0.70	0.1207	*******
0.80	0.0994	0.1170
0.90	*******	*******
0.95	0.0242	0.0111

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	-0.0581	-0.0405	0.1016	*******	*******
0.100	-0.0549	-0.0424	0.0933	*******	*******
0.150	-0.0588	-0.0408	0.0798	*******	*******
0.200	-0.0619	-0.0387	0.0670	*******	-0.3188
0.250	*******	-0.0437	0.0533	-0.1647	-0.4894
0.300	-0.0659	-0.0445	0.0426	-0.1475	-0.6809
0.350	-0.0761	-0.0486	0.0293	-0.1381	-0.7204
0.400	-0.0841	-0.0510	0.0210	-0.1261	-0.6981
0.450	-0.0956	-0.0578	0.0238	-0.1228	-0.6547
0.500	-0.1020	-0.0578	-0.0017	-0.1179	-0.6171
0.525	*******	-0.0632	-0.0062	-0.1176	-0.6300
0.550	-0.1164	-0.0696	-0.0121	-0.1162	-0.6243
0.575	*******	-0.0796	-0.0085	-0.1160	-0.6393
0.600	-0.1272	-0.0867	-0.0250	-0.1177	-0.6428
0.625	*******	*******	-0.0263	-0.1158	-0.6582
0.650	-0.1342	-0.1005	-0.0353	-0.1175	-0.6891
0.675	*******	-0.1102	-0.0459	-0.1220	-0.7069
0.700	-0.1444	-0.1203	-0.0521	-0.1236	-0.7334
0.725	*******	*******	*******	-0.1285	-0.7453
0.750	-0.1494	-0.1489	*******	-0.1329	-0.7454
0.775	*******	-0.1642	-0.0930	-0.1446	-0.7428
0.800	-0.1546	-0.1768	-0.1106	-0.1591	*******
0.825	*******	-0.1938	-0.1393	-0.1592	-0.7546
0.850	-0.1536	-0.1970	-0.1616	-0.1851	*******
0.875	*******	-0.2123	-0.1886	-0.2195	-0.4633
0.900	-0.1407	-0.2167	-0.2123	-0.2555	-0.4459
0.925	*******	-0.2236	-0.2390	-0.2909	-0.5081
0.950	-0.1105	-0.2212	-0.2587	-0.3272	*******
0.975	*******	-0.2013	-0.2532	*******	-0.4526
1.000	0.1466	0.0708	0.0244	-0.0069	-0.0552
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0463	0.0594	0.1322	*******	-0.6652
-0.400	*******	0.0612	0.0972	-0.0569	-0.7126
-0.600	0.0106	0.0539	0.0798	-0.0316	-0.7249
-0.700	0.0290	0.0389	0.0657	-0.0225	-0.7062
-0.800	*******	*******	0.0494	-0.0200	-0.6650
-0.850	0.0968	0.0451	0.0483	-0.0202	-0.6774
-0.900	*******	0.0738	0.0604	-0.0160	-0.7110
-0.950	0.1608	0.1283	0.1075	0.0322	-0.3222
-0.975	*******	0.1781	0.1690	0.0907	-0.1436
-1.000	0.1285	0.0806	0.0506	0.0124	-0.0770

Surface Pressures



Large Radius L.E.

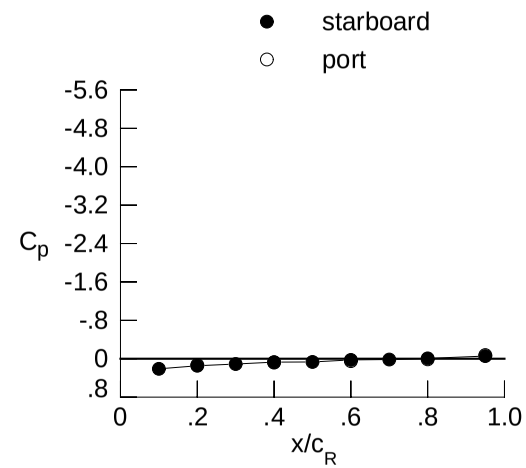
Run No. = 73 , Point No. = 1532

C_N = 0.109, C_m = -0.0171

α = 2.8 °, M_∞ = 0.869

R_{mac} = 60.2×10^6

Leading Edge Pressures

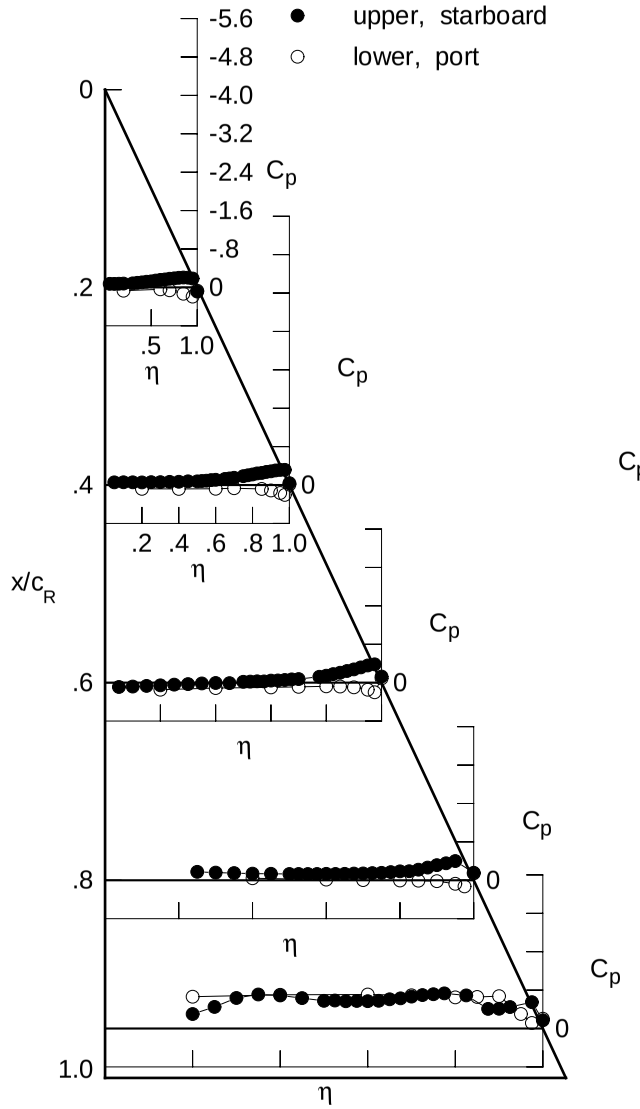


x/c_R	starb'd C_p	port C_p
0.10	0.2106	*******
0.20	0.1466	0.1285
0.30	0.1103	*******
0.40	0.0708	0.0806
0.50	0.0675	*******
0.60	0.0244	0.0506
0.70	0.0165	*******
0.80	-0.0069	0.0124
0.90	*******	*******
0.95	-0.0552	-0.0770

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	-0.0744	-0.0558	0.0903	*******	*******
0.100	-0.0725	-0.0579	0.0817	*******	*******
0.150	-0.0764	-0.0571	0.0681	*******	*******
0.200	-0.0795	-0.0540	0.0559	*******	-0.3013
0.250	*******	-0.0601	0.0413	-0.1760	-0.4499
0.300	-0.0843	-0.0602	0.0302	-0.1597	-0.6364
0.350	-0.0949	-0.0666	0.0167	-0.1501	-0.7090
0.400	-0.1049	-0.0681	0.0072	-0.1386	-0.6887
0.450	-0.1176	-0.0777	0.0101	-0.1356	-0.6333
0.500	-0.1257	-0.0771	-0.0173	-0.1315	-0.5767
0.525	*******	-0.0842	-0.0213	-0.1310	-0.5832
0.550	-0.1424	-0.0906	-0.0281	-0.1303	-0.5678
0.575	*******	-0.1026	-0.0258	-0.1316	-0.5742
0.600	-0.1559	-0.1097	-0.0424	-0.1342	-0.5696
0.625	*******	*******	-0.0454	-0.1316	-0.5772
0.650	-0.1659	-0.1261	-0.0548	-0.1342	-0.6091
0.675	*******	-0.1374	-0.0677	-0.1404	-0.6285
0.700	-0.1800	-0.1510	-0.0747	-0.1426	-0.6652
0.725	*******	*******	*******	-0.1497	-0.6966
0.750	-0.1887	-0.1847	*******	-0.1549	-0.7145
0.775	*******	-0.2029	-0.1227	-0.1704	-0.7321
0.800	-0.1999	-0.2201	-0.1452	-0.1866	*******
0.825	*******	-0.2421	-0.1773	-0.1887	-0.6897
0.850	-0.2059	-0.2516	-0.2067	-0.2204	*******
0.875	*******	-0.2727	-0.2425	-0.2649	-0.4086
0.900	-0.2020	-0.2859	-0.2761	-0.3150	-0.4111
0.925	*******	-0.3043	-0.3177	-0.3547	-0.4470
0.950	-0.1846	-0.3149	-0.3577	-0.4010	*******
0.975	*******	-0.3168	-0.3812	*******	-0.5491
1.000	0.0864	-0.0393	-0.1270	-0.1572	-0.1713
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0688	0.0790	0.1472	*******	-0.6624
-0.400	*******	0.0809	0.1127	-0.0421	-0.7026
-0.600	0.0399	0.0779	0.0990	-0.0148	-0.7082
-0.700	0.0599	0.0667	0.0875	-0.0036	-0.6922
-0.800	*******	*******	0.0767	0.0040	-0.6487
-0.850	0.1317	0.0815	0.0807	0.0078	-0.6572
-0.900	*******	0.1130	0.0977	0.0186	-0.6738
-0.950	0.1917	0.1660	0.1474	0.0724	-0.3023
-0.975	*******	0.2052	0.2005	0.1272	-0.1150
-1.000	0.0690	-0.0087	-0.0887	-0.1443	-0.2038

Surface Pressures



Large Radius L.E.

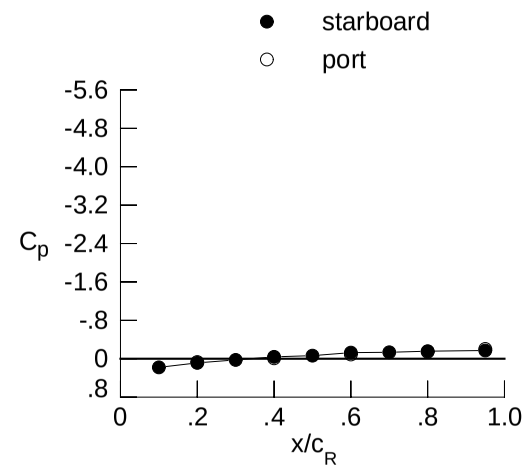
Run No. = 73 , Point No. = 1533

C_N = 0.151, C_m = -0.0238

α = 3.8 °, M_∞ = 0.869

R_{mac} = 60.1×10^6

Leading Edge Pressures

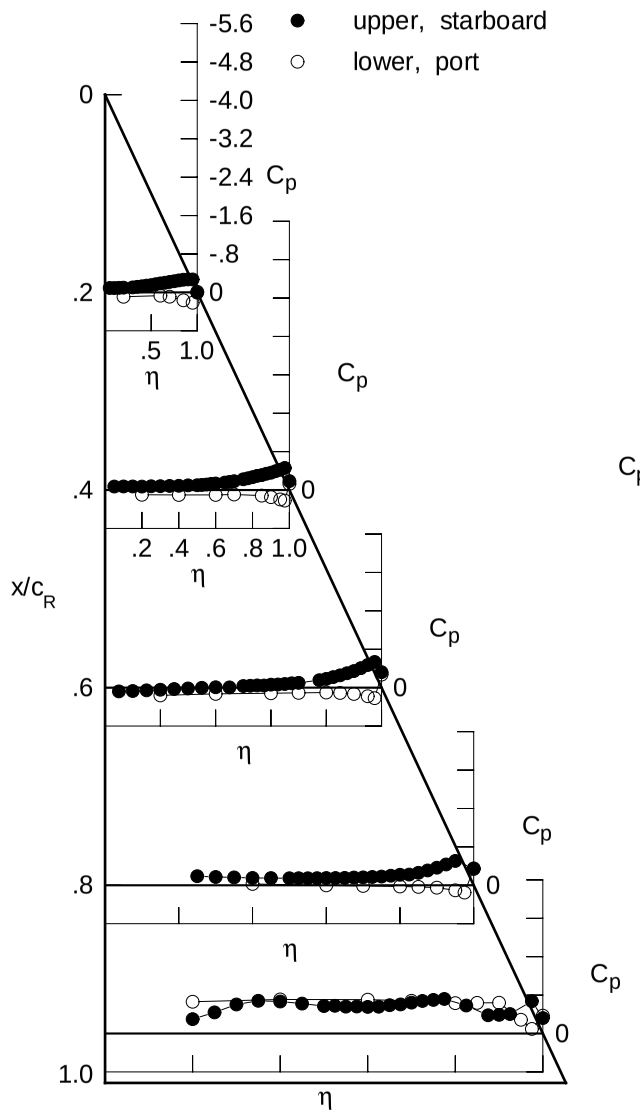


x/c_R	starb'd C_p	port C_p
0.10	0.1801	*******
0.20	0.0864	0.0690
0.30	0.0244	*******
0.40	-0.0393	-0.0087
0.50	-0.0642	*******
0.60	-0.1270	-0.0887
0.70	-0.1342	*******
0.80	-0.1572	-0.1443
0.90	*******	*******
0.95	-0.1713	-0.2038

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	-0.0923	-0.0732	0.0787	*******	*******
0.100	-0.0908	-0.0746	0.0706	*******	*******
0.150	-0.0955	-0.0748	0.0562	*******	*******
0.200	-0.0985	-0.0723	0.0431	*******	-0.2992
0.250	*******	-0.0785	0.0285	-0.1893	-0.4398
0.300	-0.1040	-0.0799	0.0166	-0.1730	-0.6049
0.350	-0.1157	-0.0857	0.0030	-0.1642	-0.6814
0.400	-0.1272	-0.0887	-0.0083	-0.1526	-0.6661
0.450	-0.1417	-0.0979	-0.0055	-0.1503	-0.6231
0.500	-0.1516	-0.0996	-0.0337	-0.1466	-0.5719
0.525	*******	-0.1063	-0.0392	-0.1474	-0.5774
0.550	-0.1705	-0.1147	-0.0463	-0.1468	-0.5599
0.575	*******	-0.1276	-0.0441	-0.1484	-0.5627
0.600	-0.1871	-0.1359	-0.0624	-0.1514	-0.5545
0.625	*******	*******	-0.0659	-0.1511	-0.5588
0.650	-0.2005	-0.1554	-0.0763	-0.1539	-0.5895
0.675	*******	-0.1687	-0.0907	-0.1614	-0.6052
0.700	-0.2179	-0.1838	-0.1001	-0.1649	-0.6435
0.725	*******	*******	*******	-0.1740	-0.6786
0.750	-0.2320	-0.2237	*******	-0.1816	-0.6996
0.775	*******	-0.2451	-0.1554	-0.1994	-0.7201
0.800	-0.2496	-0.2677	-0.1818	-0.2189	*******
0.825	*******	-0.2953	-0.2192	-0.2233	-0.5830
0.850	-0.2640	-0.3113	-0.2558	-0.2604	*******
0.875	*******	-0.3389	-0.3001	-0.3085	-0.3800
0.900	-0.2702	-0.3606	-0.3460	-0.3662	-0.3886
0.925	*******	-0.3930	-0.4058	-0.4338	-0.4059
0.950	-0.2696	-0.4217	-0.4714	-0.5072	*******
0.975	*******	-0.4597	-0.5354	*******	-0.6728
1.000	0.0051	-0.1863	-0.3226	-0.3527	-0.3220
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0909	0.0982	0.1612	*******	-0.6617
-0.400	*******	0.1020	0.1293	-0.0276	-0.7094
-0.600	0.0680	0.1014	0.1167	0.0014	-0.7051
-0.700	0.0896	0.0931	0.1086	0.0136	-0.6816
-0.800	*******	*******	0.1019	0.0249	-0.6325
-0.850	0.1652	0.1159	0.1102	0.0334	-0.6383
-0.900	*******	0.1481	0.1313	0.0494	-0.6410
-0.950	0.2161	0.1961	0.1791	0.1051	-0.2865
-0.975	*******	0.2202	0.2191	0.1513	-0.0951
-1.000	-0.0125	-0.1281	-0.2712	-0.3398	-0.3721

Surface Pressures



Large Radius L.E.

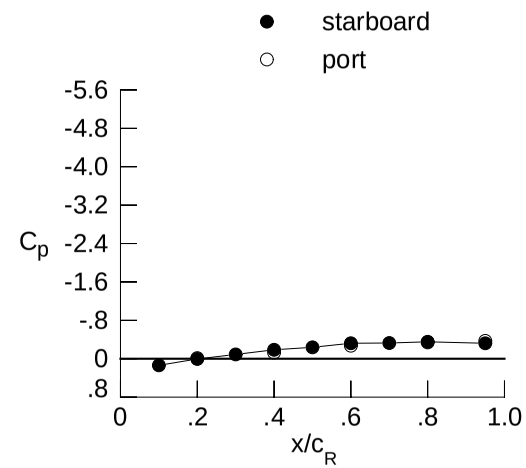
Run No. = 73 , Point No. = 1534

C_N = 0.195, C_m = -0.0318

α = 4.8 °, M_∞ = 0.869

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

Leading Edge Pressures

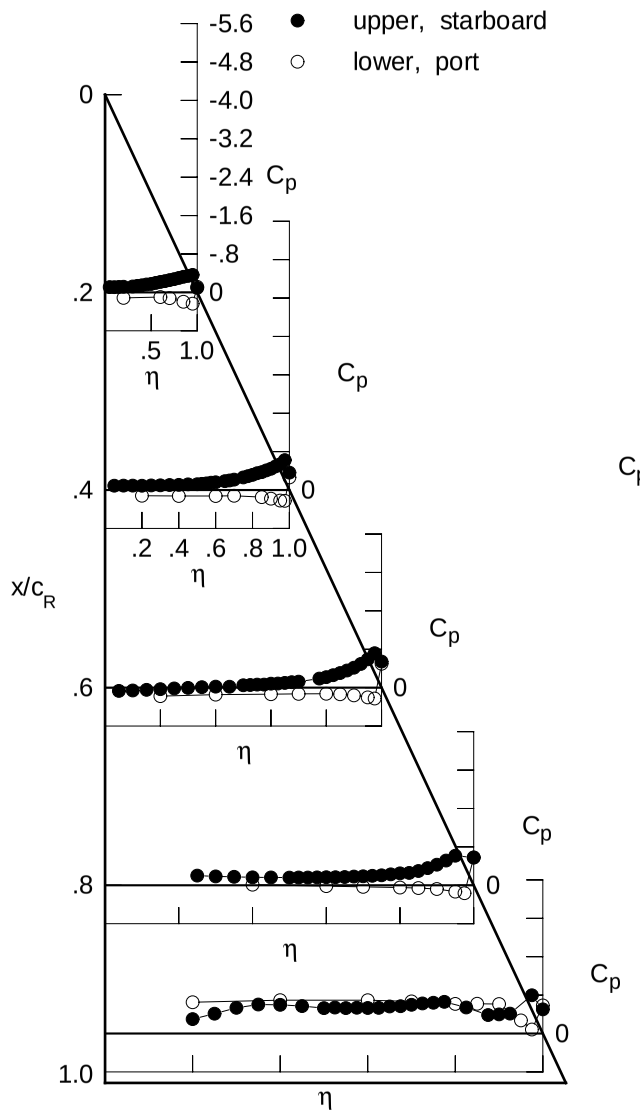


x/c_R	starb'd C_p	port C_p
0.10	0.1373	*******
0.20	0.0051	-0.0125
0.30	-0.0895	*******
0.40	-0.1863	-0.1281
0.50	-0.2379	*******
0.60	-0.3226	-0.2712
0.70	-0.3275	*******
0.80	-0.3527	-0.3398
0.90	*******	*******
0.95	-0.3220	-0.3721

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	-0.1104	-0.0900	0.0679	*******	*******
0.100	-0.1089	-0.0917	0.0591	*******	*******
0.150	-0.1138	-0.0921	0.0452	*******	*******
0.200	-0.1178	-0.0899	0.0321	*******	-0.3003
0.250	*******	-0.0961	0.0166	-0.2015	-0.4131
0.300	-0.1229	-0.0983	0.0045	-0.1850	-0.5348
0.350	-0.1358	-0.1050	-0.0096	-0.1765	-0.6037
0.400	-0.1484	-0.1078	-0.0210	-0.1656	-0.5976
0.450	-0.1645	-0.1188	-0.0194	-0.1636	-0.5714
0.500	-0.1758	-0.1208	-0.0494	-0.1604	-0.5291
0.525	*******	-0.1288	-0.0555	-0.1622	-0.5408
0.550	-0.1978	-0.1383	-0.0635	-0.1618	-0.5295
0.575	*******	-0.1525	-0.0630	-0.1649	-0.5371
0.600	-0.2179	-0.1617	-0.0821	-0.1683	-0.5320
0.625	*******	*******	-0.0859	-0.1683	-0.5343
0.650	-0.2343	-0.1847	-0.0980	-0.1717	-0.5635
0.675	*******	-0.1993	-0.1134	-0.1813	-0.5685
0.700	-0.2560	-0.2166	-0.1247	-0.1875	-0.5982
0.725	*******	*******	*******	-0.1977	-0.6263
0.750	-0.2759	-0.2624	*******	-0.2083	-0.6406
0.775	*******	-0.2892	-0.1888	-0.2277	-0.6602
0.800	-0.3007	-0.3159	-0.2181	-0.2491	*******
0.825	*******	-0.3503	-0.2596	-0.2574	-0.5428
0.850	-0.3251	-0.3731	-0.3040	-0.2978	*******
0.875	*******	-0.4093	-0.3566	-0.3573	-0.3844
0.900	-0.3435	-0.4434	-0.4155	-0.4288	-0.3985
0.925	*******	-0.4924	-0.4933	-0.5151	-0.4146
0.950	-0.3647	-0.5365	-0.5898	-0.6158	*******
0.975	*******	-0.6233	-0.7176	*******	-0.7972
1.000	-0.0945	-0.3627	-0.5431	-0.5774	-0.5036
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1148	0.1186	0.1770	*******	-0.6516
-0.400	*******	0.1241	0.1456	-0.0127	-0.6943
-0.600	0.0973	0.1244	0.1364	0.0176	-0.6937
-0.700	0.1197	0.1193	0.1294	0.0327	-0.6692
-0.800	*******	*******	0.1270	0.0473	-0.6167
-0.850	0.1950	0.1479	0.1380	0.0573	-0.6200
-0.900	*******	0.1798	0.1606	0.0777	-0.6134
-0.950	0.2348	0.2192	0.2032	0.1323	-0.2728
-0.975	*******	0.2244	0.2260	0.1651	-0.0830
-1.000	-0.1161	-0.2627	-0.4977	-0.5801	-0.5849

Surface Pressures



Large Radius L.E.

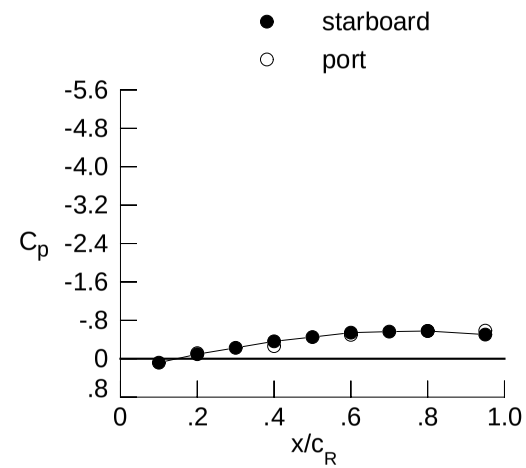
Run No. = 73 , Point No. = 1535

C_N = 0.239, C_m = -0.0386

α = 5.9 °, M_∞ = 0.869

R_{mac} = 60.1×10^6

Leading Edge Pressures

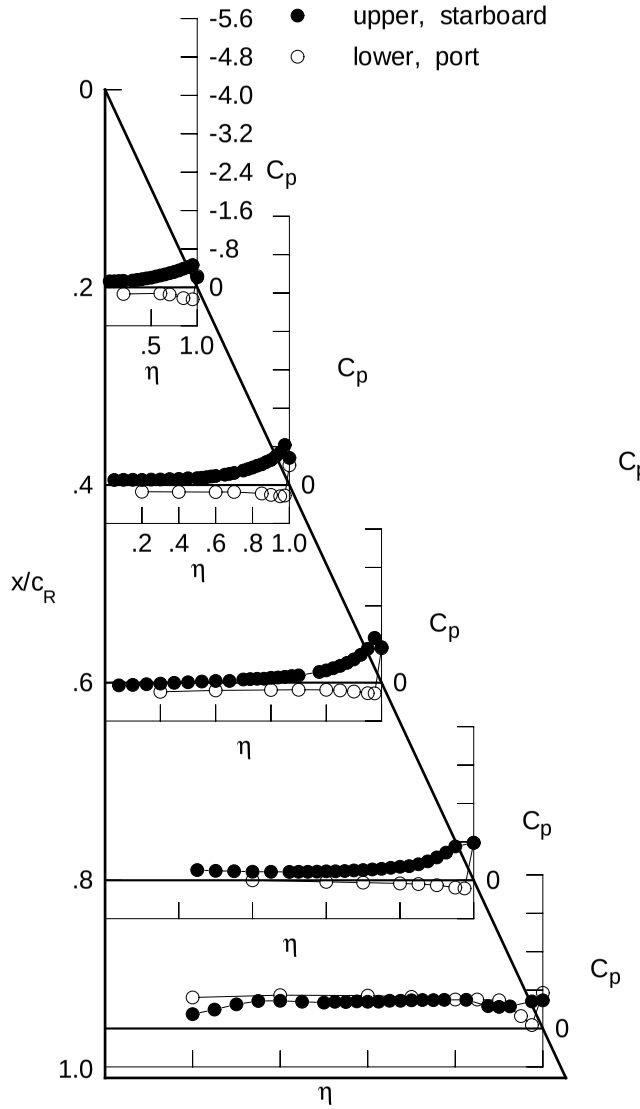


x/c_R	starb'd C_p	port C_p
0.10	0.0822	*******
0.20	-0.0945	-0.1161
0.30	-0.2272	*******
0.40	-0.3627	-0.2627
0.50	-0.4512	*******
0.60	-0.5431	-0.4977
0.70	-0.5648	*******
0.80	-0.5774	-0.5801
0.90	*******	*******
0.95	-0.5036	-0.5849

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	-0.1265	-0.1057	0.0566	*******	*******
0.100	-0.1272	-0.1087	0.0470	*******	*******
0.150	-0.1323	-0.1095	0.0331	*******	*******
0.200	-0.1366	-0.1075	0.0198	*******	-0.2991
0.250	*******	-0.1133	0.0040	-0.2131	-0.3947
0.300	-0.1424	-0.1161	-0.0082	-0.1968	-0.5031
0.350	-0.1566	-0.1242	-0.0235	-0.1889	-0.5739
0.400	-0.1706	-0.1280	-0.0356	-0.1784	-0.5774
0.450	-0.1884	-0.1405	-0.0358	-0.1770	-0.5586
0.500	-0.2027	-0.1433	-0.0655	-0.1746	-0.5395
0.525	*******	-0.1520	-0.0732	-0.1765	-0.5570
0.550	-0.2258	-0.1628	-0.0809	-0.1769	-0.5517
0.575	*******	-0.1781	-0.0820	-0.1804	-0.5648
0.600	-0.2483	-0.1887	-0.1020	-0.1864	-0.5579
0.625	*******	*******	-0.1069	-0.1870	-0.5595
0.650	-0.2697	-0.2155	-0.1205	-0.1929	-0.5784
0.675	*******	-0.2324	-0.1380	-0.2049	-0.5787
0.700	-0.2960	-0.2512	-0.1507	-0.2132	-0.5869
0.725	*******	*******	*******	-0.2260	-0.5933
0.750	-0.3213	-0.3020	*******	-0.2381	-0.5908
0.775	*******	-0.3319	-0.2226	-0.2596	-0.5964
0.800	-0.3527	-0.3638	-0.2552	-0.2815	*******
0.825	*******	-0.4018	-0.2998	-0.2945	-0.5977
0.850	-0.3888	-0.4321	-0.3490	-0.3339	*******
0.875	*******	-0.4789	-0.4111	-0.3938	-0.4668
0.900	-0.4246	-0.5218	-0.4836	-0.4757	-0.4505
0.925	*******	-0.5908	-0.5798	-0.5763	-0.4608
0.950	-0.4660	-0.6747	-0.7058	-0.7036	*******
0.975	*******	-0.8347	-0.9333	*******	-0.5644
1.000	-0.2103	-0.5659	-0.7393	-0.7805	-0.5865
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1371	0.1390	0.1915	*******	-0.6467
-0.400	*******	0.1440	0.1618	0.0010	-0.6948
-0.600	0.1245	0.1464	0.1528	0.0330	-0.6850
-0.700	0.1475	0.1438	0.1486	0.0484	-0.6586
-0.800	*******	*******	0.1492	0.0656	-0.6039
-0.850	0.2236	0.1760	0.1621	0.0784	-0.6043
-0.900	*******	0.2057	0.1852	0.1021	-0.5880
-0.950	0.2479	0.2344	0.2197	0.1520	-0.2589
-0.975	*******	0.2185	0.2233	0.1695	-0.0723
-1.000	-0.2356	-0.4116	-0.7168	-0.7824	-0.7427

Surface Pressures



Large Radius L.E.

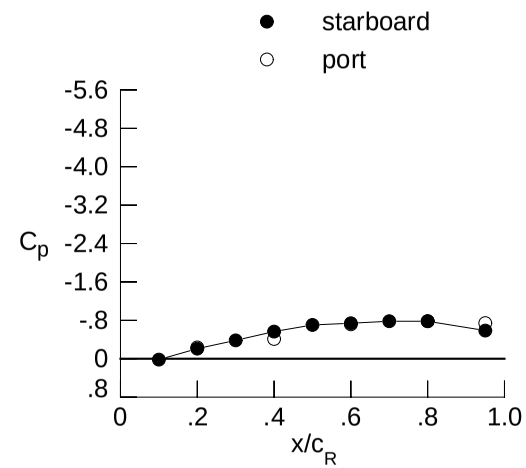
Run No. = 73 , Point No. = 1536

C_N = 0.284, C_m = -0.0464

α = 7.0 °, M_∞ = 0.868

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

Leading Edge Pressures

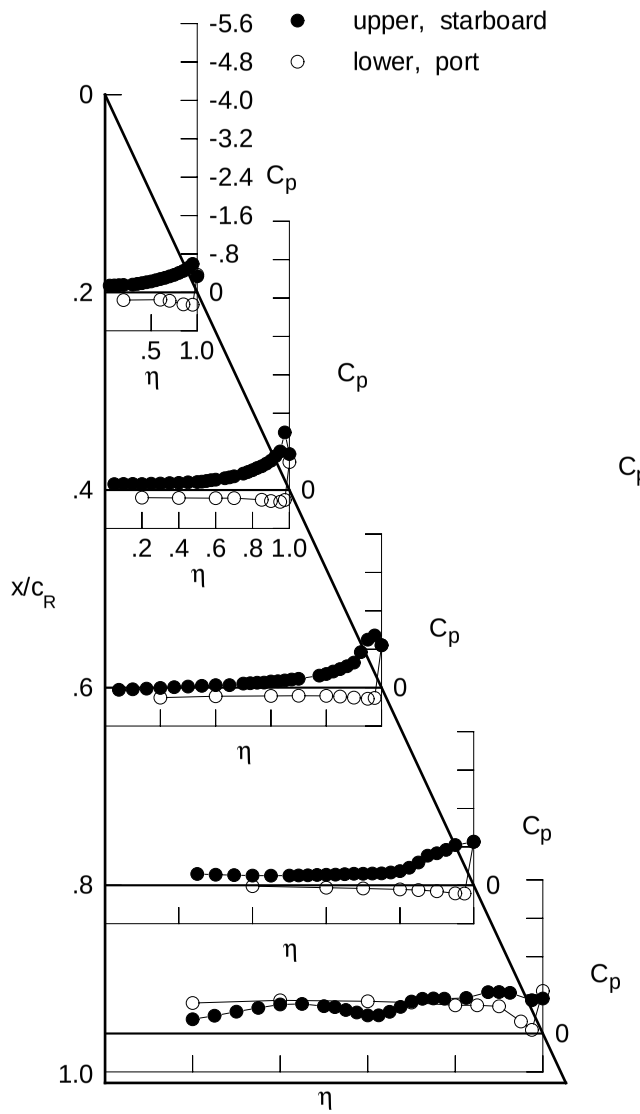


x/c_R	starb'd C_p	port C_p
0.10	0.0185	*******
0.20	-0.2103	-0.2356
0.30	-0.3824	*******
0.40	-0.5659	-0.4116
0.50	-0.7037	*******
0.60	-0.7393	-0.7168
0.70	-0.7813	*******
0.80	-0.7805	-0.7824
0.90	*******	*******
0.95	-0.5865	-0.7427

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	-0.1415	-0.1233	0.0446	*******	*******
0.100	-0.1445	-0.1260	0.0345	*******	*******
0.150	-0.1502	-0.1269	0.0206	*******	*******
0.200	-0.1542	-0.1249	0.0065	*******	-0.2971
0.250	*******	-0.1319	-0.0093	-0.2357	-0.3701
0.300	-0.1615	-0.1352	-0.0221	-0.2200	-0.4547
0.350	-0.1771	-0.1436	-0.0380	-0.2118	-0.5336
0.400	-0.1920	-0.1489	-0.0518	-0.2013	-0.6047
0.450	-0.2113	-0.1609	-0.0517	-0.2000	-0.6158
0.500	-0.2283	-0.1664	-0.0842	-0.2014	-0.5696
0.525	*******	-0.1747	-0.0918	-0.2049	-0.5497
0.550	-0.2527	-0.1882	-0.1026	-0.2077	-0.4901
0.575	*******	-0.2045	-0.1051	-0.2148	-0.4372
0.600	-0.2788	-0.2162	-0.1280	-0.2196	-0.3765
0.625	*******	*******	-0.1333	-0.2215	-0.3785
0.650	-0.3035	-0.2460	-0.1499	-0.2314	-0.4521
0.675	*******	-0.2642	-0.1686	-0.2402	-0.5542
0.700	-0.3336	-0.2855	-0.1842	-0.2402	-0.6653
0.725	*******	*******	*******	-0.2447	-0.7233
0.750	-0.3646	-0.3419	*******	-0.2482	-0.7303
0.775	*******	-0.3763	-0.2508	-0.2661	-0.7256
0.800	-0.4051	-0.4138	-0.2839	-0.2954	*******
0.825	*******	-0.4587	-0.3355	-0.3655	-0.7404
0.850	-0.4473	-0.4960	-0.3865	-0.4747	*******
0.875	*******	-0.5498	-0.4454	-0.6165	-0.8620
0.900	-0.5096	-0.6110	-0.5213	-0.6675	-0.8639
0.925	*******	-0.7053	-0.7391	-0.7372	-0.8475
0.950	-0.5926	-0.8037	-0.9988	-0.8383	*******
0.975	*******	-1.2000	-1.0871	*******	-0.6939
1.000	-0.3357	-0.7502	-0.8845	-0.9038	-0.7290
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1603	0.1588	0.2085	*******	-0.6351
-0.400	*******	0.1647	0.1791	0.0182	-0.6913
-0.600	0.1521	0.1699	0.1729	0.0504	-0.6712
-0.700	0.1755	0.1692	0.1689	0.0663	-0.6445
-0.800	*******	*******	0.1715	0.0862	-0.5872
-0.850	0.2499	0.2029	0.1857	0.0997	-0.5884
-0.900	*******	0.2298	0.2078	0.1239	-0.5663
-0.950	0.2564	0.2452	0.2317	0.1687	-0.2508
-0.975	*******	0.2072	0.2151	0.1716	-0.0756
-1.000	-0.3678	-0.5824	-0.8816	-0.9097	-0.8863

Surface Pressures



Large Radius L.E.

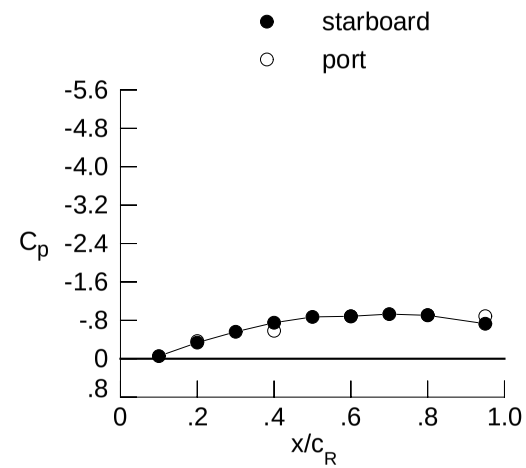
Run No. = 73 , Point No. = 1537

C_N = 0.341, C_m = -0.0603

α = 8.0 °, M_∞ = 0.869

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

Leading Edge Pressures

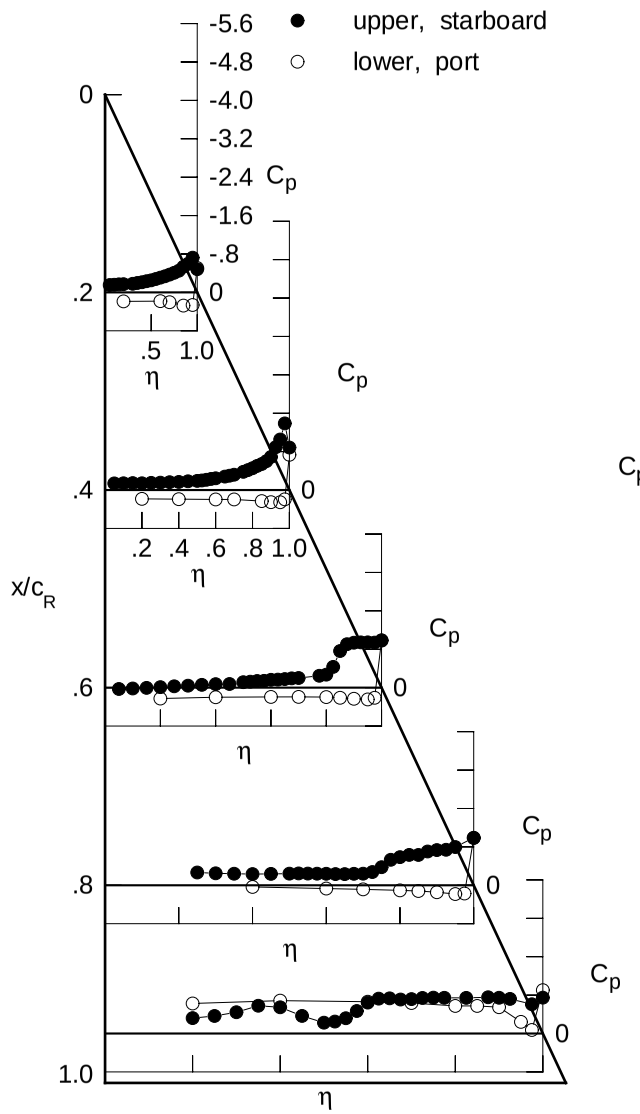


x/c_R	starb'd C_p	port C_p
0.10	-0.0542	*******
0.20	-0.3357	-0.3678
0.30	-0.5614	*******
0.40	-0.7502	-0.5824
0.50	-0.8712	*******
0.60	-0.8845	-0.8816
0.70	-0.9296	*******
0.80	-0.9038	-0.9097
0.90	*******	*******
0.95	-0.7290	-0.8863

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	-0.1538	-0.1388	0.0281	*******	*******
0.100	-0.1595	-0.1409	0.0178	*******	*******
0.150	-0.1677	-0.1449	0.0046	*******	*******
0.200	-0.1715	-0.1406	-0.0101	*******	-0.3204
0.250	*******	-0.1498	-0.0279	-0.2661	-0.3652
0.300	-0.1795	-0.1533	-0.0406	-0.2499	-0.4431
0.350	-0.1957	-0.1632	-0.0580	-0.2407	-0.5785
0.400	-0.2114	-0.1687	-0.0726	-0.2336	-0.5464
0.450	-0.2325	-0.1827	-0.0764	-0.2372	-0.3664
0.500	-0.2508	-0.1901	-0.1133	-0.2422	-0.2255
0.525	*******	-0.1992	-0.1244	-0.2475	-0.2488
0.550	-0.2785	-0.2137	-0.1381	-0.2439	-0.3181
0.575	*******	-0.2312	-0.1414	-0.2418	-0.4691
0.600	-0.3074	-0.2450	-0.1629	-0.2404	-0.6444
0.625	*******	*******	-0.1671	-0.2340	-0.7265
0.650	-0.3358	-0.2796	-0.1784	-0.2330	-0.7328
0.675	*******	-0.2985	-0.1935	-0.2390	-0.7078
0.700	-0.3700	-0.3195	-0.2010	-0.2413	-0.7165
0.725	*******	*******	*******	-0.2761	-0.7405
0.750	-0.4080	-0.3791	*******	-0.3770	-0.7468
0.775	*******	-0.4154	-0.2473	-0.5309	-0.7437
0.800	-0.4511	-0.4545	-0.2700	-0.5867	*******
0.825	*******	-0.5021	-0.4317	-0.6327	-0.7422
0.850	-0.5330	-0.5427	-0.7634	-0.6318	*******
0.875	*******	-0.6011	-0.9048	-0.7037	-0.7551
0.900	-0.5955	-0.6894	-0.9360	-0.7336	-0.7448
0.925	*******	-0.8905	-0.9435	-0.7397	-0.7205
0.950	-0.7228	-1.0531	-0.9438	-0.7967	*******
0.975	*******	-1.3880	-0.9387	*******	-0.6100
1.000	-0.4831	-0.8853	-0.9802	-0.9898	-0.7471
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1873	0.1838	0.2270	*******	-0.6257
-0.400	*******	0.1900	0.1997	0.0346	-0.6847
-0.600	0.1826	0.1959	0.1935	0.0681	-0.6623
-0.700	0.2051	0.1963	0.1926	0.0850	-0.6350
-0.800	*******	*******	0.1964	0.1055	-0.5747
-0.850	0.2755	0.2305	0.2111	0.1194	-0.5748
-0.900	*******	0.2529	0.2318	0.1444	-0.5484
-0.950	0.2625	0.2545	0.2456	0.1821	-0.2425
-0.975	*******	0.1939	0.2115	0.1714	-0.0739
-1.000	-0.5090	-0.7343	-0.9871	-0.9854	-0.9030

Surface Pressures



Large Radius L.E.

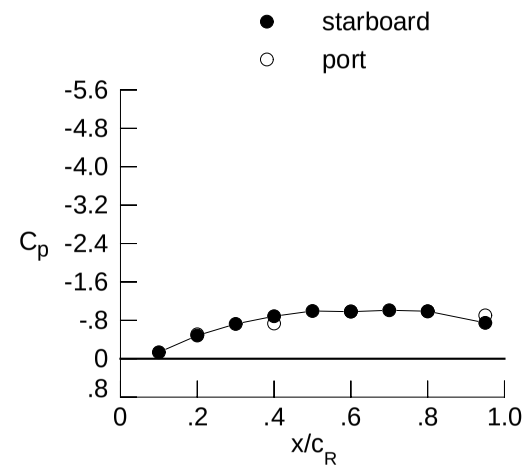
Run No. = 73 , Point No. = 1538

C_N = 0.398, C_m = -0.0721

α = 9.1 °, M_∞ = 0.867

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

Leading Edge Pressures

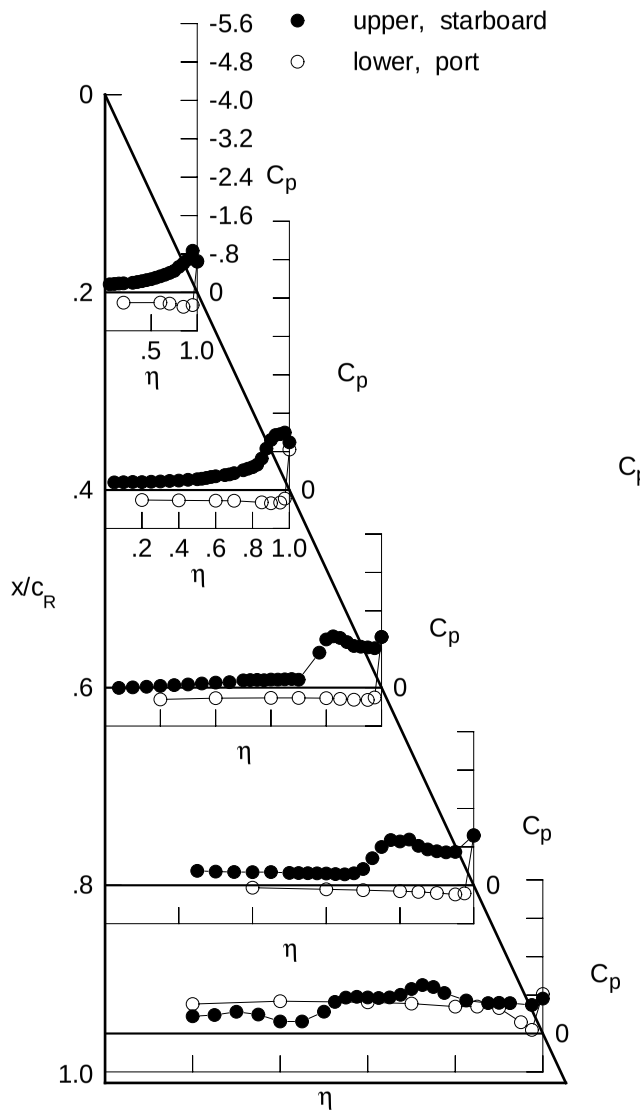


x/c_R	starb'd C_p	port C_p
0.10	-0.1341	*******
0.20	-0.4831	-0.5090
0.30	-0.7248	*******
0.40	-0.8853	-0.7343
0.50	-0.9946	*******
0.60	-0.9802	-0.9871
0.70	-1.0095	*******
0.80	-0.9898	-0.9854
0.90	*******	*******
0.95	-0.7471	-0.9030

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	-0.1685	-0.1591	0.0053	*******	*******
0.100	-0.1750	-0.1628	-0.0059	*******	*******
0.150	-0.1850	-0.1678	-0.0183	*******	*******
0.200	-0.1890	-0.1644	-0.0359	*******	-0.3589
0.250	*******	-0.1731	-0.0531	-0.3011	-0.3856
0.300	-0.1997	-0.1788	-0.0664	-0.2846	-0.4526
0.350	-0.2162	-0.1892	-0.0863	-0.2767	-0.3951
0.400	-0.2337	-0.1965	-0.1048	-0.2739	-0.2504
0.450	-0.2550	-0.2140	-0.1141	-0.2752	-0.2505
0.500	-0.2749	-0.2248	-0.1520	-0.2579	-0.4543
0.525	*******	-0.2355	-0.1575	-0.2555	-0.6588
0.550	-0.3047	-0.2524	-0.1616	-0.2519	-0.7476
0.575	*******	-0.2721	-0.1544	-0.2488	-0.7650
0.600	-0.3355	-0.2860	-0.1679	-0.2451	-0.7515
0.625	*******	*******	-0.1669	-0.2334	-0.7399
0.650	-0.3676	-0.3113	-0.1725	-0.2278	-0.7522
0.675	*******	-0.3255	-0.1791	-0.2497	-0.8064
0.700	-0.4052	-0.3510	-0.1651	-0.3395	-0.9269
0.725	*******	*******	*******	-0.5639	-1.0095
0.750	-0.4483	-0.4118	*******	-0.7976	-0.9685
0.775	*******	-0.4441	-0.7289	-0.9427	-0.8439
0.800	-0.5307	-0.4762	-1.0043	-0.9126	*******
0.825	*******	-0.5283	-1.0688	-0.9525	-0.6877
0.850	-0.6030	-0.6570	-1.0356	-0.8214	*******
0.875	*******	-0.8626	-0.9487	-0.7476	-0.6333
0.900	-0.6896	-1.0433	-0.8681	-0.7085	-0.6395
0.925	*******	-1.1453	-0.8527	-0.6864	-0.6330
0.950	-0.8675	-1.1639	-0.8384	-0.6950	*******
0.975	*******	-1.1973	-0.8217	*******	-0.5942
1.000	-0.6391	-0.9948	-1.0556	-1.0445	-0.7274
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.2142	0.2081	0.2454	*******	-0.6137
-0.400	*******	0.2153	0.2193	0.0508	-0.6731
-0.600	0.2126	0.2218	0.2140	0.0841	-0.6507
-0.700	0.2346	0.2236	0.2140	0.1016	-0.6230
-0.800	*******	*******	0.2195	0.1235	-0.5602
-0.850	0.3006	0.2569	0.2343	0.1373	-0.5607
-0.900	*******	0.2752	0.2519	0.1605	-0.5300
-0.950	0.2637	0.2608	0.2558	0.1904	-0.2354
-0.975	*******	0.1786	0.2049	0.1691	-0.0755
-1.000	-0.6555	-0.8439	-1.0553	-1.0300	-0.8225

Surface Pressures



Large Radius L.E.

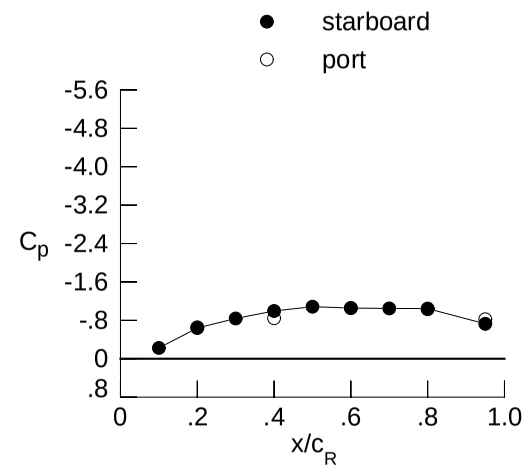
Run No. = 73 , Point No. = 1539

C_N = 0.461, C_m = -0.0842

α = 10.1 °, M_∞ = 0.869

R_{mac} = 60.1×10^6

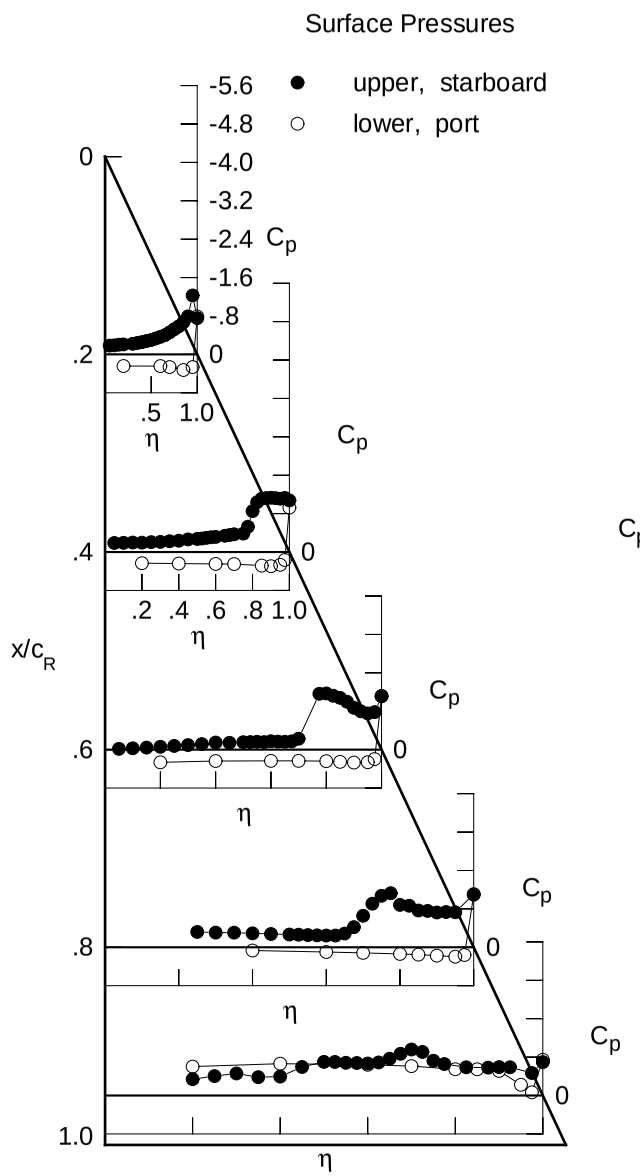
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.2245	*******
0.20	-0.6391	-0.6555
0.30	-0.8385	*******
0.40	-0.9948	-0.8439
0.50	-1.0843	*******
0.60	-1.0556	-1.0553
0.70	-1.0480	*******
0.80	-1.0445	-1.0300
0.90	*******	*******
0.95	-0.7274	-0.8225

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	-0.1832	-0.1887	-0.0169	*******	*******
0.100	-0.1884	-0.1917	-0.0283	*******	*******
0.150	-0.2024	-0.1977	-0.0427	*******	*******
0.200	-0.2082	-0.1954	-0.0589	*******	-0.3397
0.250	*******	-0.2054	-0.0772	-0.3197	-0.4046
0.300	-0.2204	-0.2115	-0.0945	-0.3052	-0.4590
0.350	-0.2375	-0.2251	-0.1151	-0.3051	-0.3819
0.400	-0.2561	-0.2356	-0.1481	-0.2904	-0.3941
0.450	-0.2782	-0.2621	-0.1420	-0.2771	-0.5942
0.500	-0.3002	-0.2729	-0.1554	-0.2660	-0.7007
0.525	*******	-0.2807	-0.1578	-0.2625	-0.6991
0.550	-0.3311	-0.2948	-0.1640	-0.2547	-0.6814
0.575	*******	-0.3078	-0.1569	-0.2491	-0.6773
0.600	-0.3651	-0.3151	-0.1755	-0.2448	-0.6663
0.625	*******	*******	-0.1673	-0.2451	-0.6884
0.650	-0.4007	-0.3394	-0.1631	-0.2860	-0.7667
0.675	*******	-0.3539	-0.1718	-0.4200	-0.8699
0.700	-0.4571	-0.3692	-0.2270	-0.6567	-0.9582
0.725	*******	*******	*******	-0.9082	-0.9072
0.750	-0.5223	-0.3838	*******	-1.0726	-0.7250
0.775	*******	-0.5269	-1.1629	-1.1265	-0.6554
0.800	-0.5839	-0.8517	-1.1716	-0.8834	*******
0.825	*******	-1.0373	-1.1222	-0.8652	-0.5879
0.850	-0.6689	-1.1130	-1.0795	-0.7661	*******
0.875	*******	-1.1238	-0.9983	-0.7576	-0.5805
0.900	-0.7930	-1.1309	-0.8720	-0.7248	-0.5923
0.925	*******	-1.1227	-0.7991	-0.7340	-0.5887
0.950	-1.2284	-1.1100	-0.7543	-0.7299	*******
0.975	*******	-1.1275	-0.7823	*******	-0.4691
1.000	-0.7551	-1.0749	-1.1119	-1.1074	-0.6954
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2426	0.2326	0.2648	*******	-0.6027
-0.400	*******	0.2399	0.2371	0.0669	-0.6633
-0.600	0.2433	0.2479	0.2338	0.0984	-0.6402
-0.700	0.2640	0.2507	0.2334	0.1169	-0.6122
-0.800	*******	*******	0.2397	0.1385	-0.5470
-0.850	0.3254	0.2823	0.2544	0.1531	-0.5462
-0.900	*******	0.2948	0.2690	0.1740	-0.5116
-0.950	0.2639	0.2664	0.2623	0.1958	-0.2229
-0.975	*******	0.1652	0.1966	0.1601	-0.0667
-1.000	-0.7906	-0.9258	-1.1194	-1.0955	-0.7424



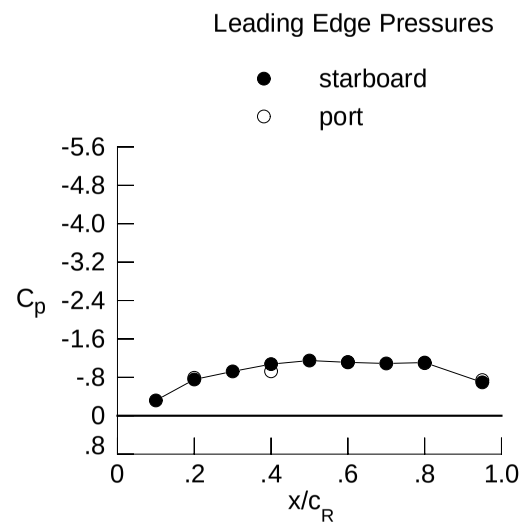
Large Radius L.E.

Run No. = 73 , Point No. = 1540

C_N = 0.517, C_m = -0.0919

α = 11.2 °, M_∞ = 0.869

R_{mac} = 60.1×10^6

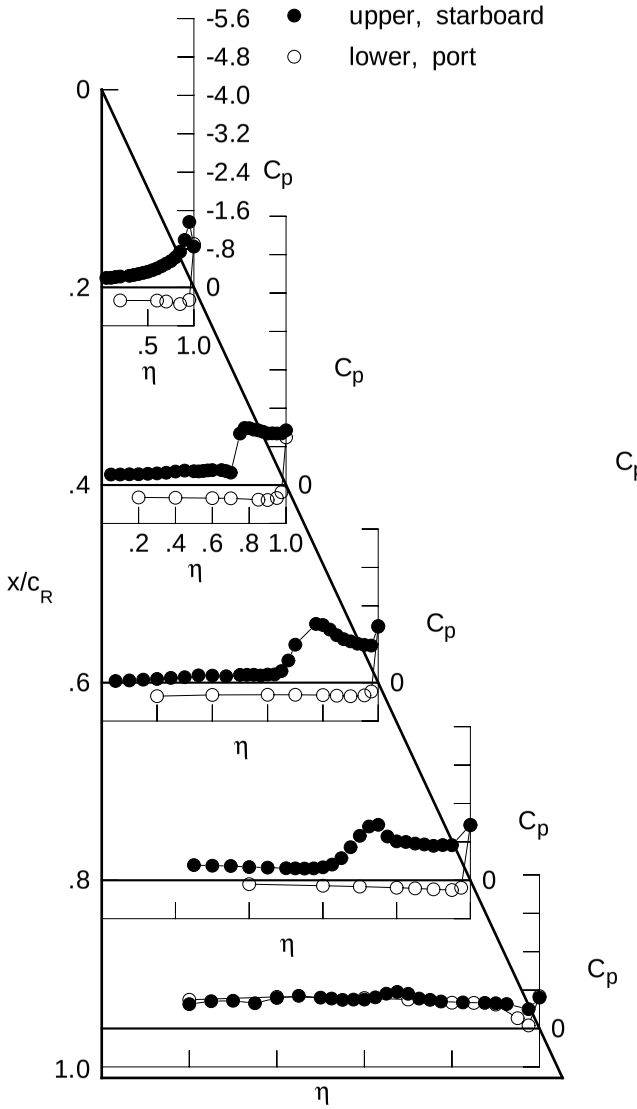


x/c_R	starb'd C_p	port C_p
0.10	-0.3187	*******
0.20	-0.7551	-0.7906
0.30	-0.9232	*******
0.40	-1.0749	-0.9258
0.50	-1.1499	*******
0.60	-1.1119	-1.1194
0.70	-1.0885	*******
0.80	-1.1074	-1.0955
0.90	*******	*******
0.95	-0.6954	-0.7424

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	-0.1978	-0.2189	-0.0347	*******	*******
0.100	-0.1996	-0.2190	-0.0458	*******	*******
0.150	-0.2170	-0.2243	-0.0623	*******	*******
0.200	-0.2263	-0.2249	-0.0769	*******	-0.5076
0.250	*******	-0.2345	-0.0982	-0.3170	-0.5687
0.300	-0.2414	-0.2422	-0.1126	-0.3043	-0.5783
0.350	-0.2598	-0.2558	-0.1517	-0.2978	-0.5264
0.400	-0.2795	-0.2810	-0.1462	-0.2751	-0.6364
0.450	-0.3026	-0.3005	-0.1329	-0.2640	-0.6805
0.500	-0.3255	-0.2870	-0.1613	-0.2516	-0.6432
0.525	*******	-0.2841	-0.1631	-0.2479	-0.6240
0.550	-0.3585	-0.2926	-0.1636	-0.2438	-0.5970
0.575	*******	-0.3052	-0.1482	-0.2478	-0.6027
0.600	-0.3955	-0.3112	-0.1683	-0.2701	-0.6023
0.625	*******	*******	-0.1707	-0.3271	-0.6490
0.650	-0.4434	-0.3116	-0.2409	-0.4608	-0.7257
0.675	*******	-0.2903	-0.4620	-0.6885	-0.7626
0.700	-0.4945	-0.2587	-0.7907	-0.9265	-0.7230
0.725	*******	*******	*******	-1.1211	-0.6241
0.750	-0.5483	-1.0721	*******	-1.1560	-0.5974
0.775	*******	-1.1890	-1.2230	-0.9117	-0.5625
0.800	-0.6254	-1.1838	-1.2011	-0.8111	*******
0.825	*******	-1.1547	-1.1059	-0.7987	-0.5433
0.850	-0.7433	-1.1391	-0.9879	-0.7648	*******
0.875	*******	-1.1100	-0.9059	-0.7465	-0.5344
0.900	-0.9891	-1.0737	-0.8596	-0.7187	-0.5267
0.925	*******	-1.0778	-0.8113	-0.7335	-0.5096
0.950	-1.3633	-1.0747	-0.7852	-0.7311	*******
0.975	*******	-1.0756	-0.7731	*******	-0.4028
1.000	-0.8484	-1.1412	-1.1659	-1.1551	-0.6444
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2718	0.2581	0.2817	*******	-0.5993
-0.400	*******	0.2651	0.2557	0.0811	-0.6589
-0.600	0.2747	0.2731	0.2526	0.1137	-0.6340
-0.700	0.2944	0.2767	0.2531	0.1313	-0.6045
-0.800	*******	*******	0.2589	0.1543	-0.5372
-0.850	0.3473	0.3054	0.2720	0.1685	-0.5335
-0.900	*******	0.3123	0.2834	0.1891	-0.4981
-0.950	0.2620	0.2701	0.2654	0.2031	-0.2144
-0.975	*******	0.1503	0.1838	0.1549	-0.0642
-1.000	-0.9036	-0.9926	-1.1802	-1.1466	-0.6738

Surface Pressures



Large Radius L.E.

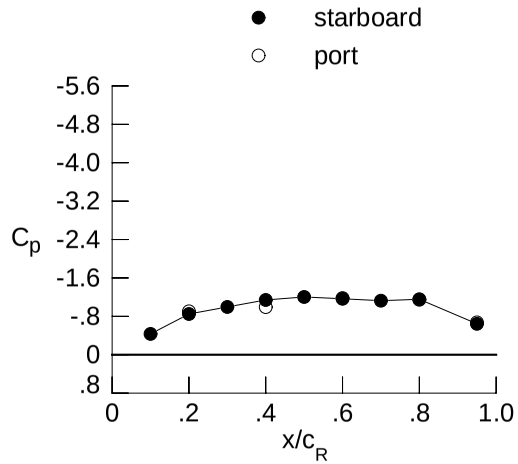
Run No. = 73 , Point No. = 1541

C_N = 0.552, C_m = -0.0892

α = 12.3 °, M_∞ = 0.868

R_{mac} = 60.1×10^6

Leading Edge Pressures

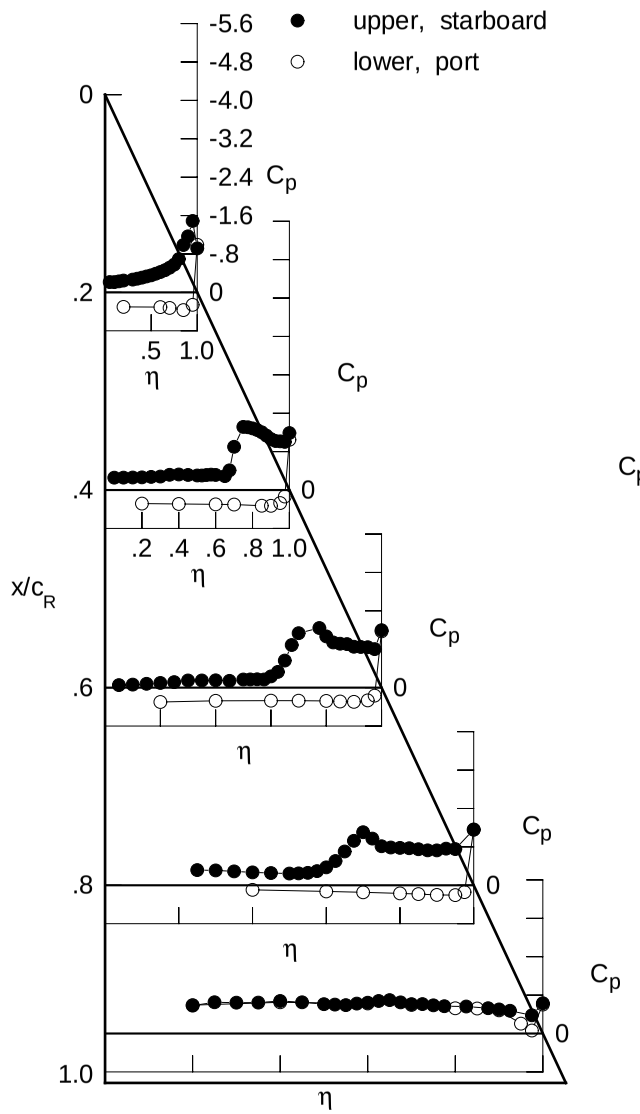


x/c_R	starb'd Cp	port Cp
0.10	-0.4337	*******
0.20	-0.8484	-0.9036
0.30	-0.9955	*******
0.40	-1.1412	-0.9926
0.50	-1.2033	*******
0.60	-1.1659	-1.1802
0.70	-1.1259	*******
0.80	-1.1551	-1.1466
0.90	*******	*******
0.95	-0.6444	-0.6738

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	-0.2148	-0.2578	-0.0527	*******	*******
0.100	-0.2134	-0.2587	-0.0631	*******	*******
0.150	-0.2297	-0.2604	-0.0801	*******	*******
0.200	-0.2466	-0.2637	-0.0976	*******	-0.5810
0.250	*******	-0.2740	-0.1150	-0.3167	-0.6508
0.300	-0.2666	-0.2804	-0.1493	-0.3100	-0.6421
0.350	-0.2859	-0.3173	-0.1496	-0.2897	-0.6437
0.400	-0.3069	-0.3237	-0.1530	-0.2691	-0.6777
0.450	-0.3320	-0.3141	-0.1414	-0.2553	-0.6506
0.500	-0.3552	-0.3029	-0.1699	-0.2446	-0.6116
0.525	*******	-0.3023	-0.1709	-0.2480	-0.6023
0.550	-0.3888	-0.3130	-0.1745	-0.2595	-0.5916
0.575	*******	-0.3211	-0.1698	-0.2952	-0.6235
0.600	-0.4240	-0.3140	-0.2347	-0.3739	-0.6418
0.625	*******	*******	-0.3278	-0.5054	-0.6775
0.650	-0.4627	-0.2896	-0.5644	-0.7044	-0.6963
0.675	*******	-0.4105	-0.8877	-0.9261	-0.6485
0.700	-0.5141	-0.9010	-1.1342	-1.1060	-0.6122
0.725	*******	*******	*******	-0.9731	-0.6127
0.750	-0.5781	-1.3151	*******	-0.8136	-0.5869
0.775	*******	-1.3078	-1.2427	-0.7873	-0.5690
0.800	-0.6941	-1.2851	-1.0682	-0.7792	*******
0.825	*******	-1.2513	-0.9418	-0.7724	-0.5621
0.850	-0.9872	-1.2035	-0.9153	-0.7510	*******
0.875	*******	-1.1342	-0.9073	-0.7279	-0.5274
0.900	-1.1681	-1.0627	-0.8521	-0.7272	-0.5015
0.925	*******	-1.0217	-0.8472	-0.7633	-0.4739
0.950	-1.4880	-1.0147	-0.8424	-0.7542	*******
0.975	*******	-1.0036	-0.8022	*******	-0.3792
1.000	-0.9171	-1.1874	-1.1968	-1.1621	-0.6308
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3021	0.2820	0.2993	*******	-0.5908
-0.400	*******	0.2904	0.2743	0.0952	-0.6503
-0.600	0.3062	0.2981	0.2710	0.1278	-0.6257
-0.700	0.3241	0.3022	0.2718	0.1462	-0.5954
-0.800	*******	*******	0.2768	0.1691	-0.5254
-0.850	0.3689	0.3269	0.2891	0.1829	-0.5208
-0.900	*******	0.3285	0.2963	0.2012	-0.4824
-0.950	0.2591	0.2713	0.2659	0.2049	-0.2054
-0.975	*******	0.1351	0.1665	0.1423	-0.0627
-1.000	-0.9919	-1.0469	-1.1728	-1.1570	-0.6030

Surface Pressures



Large Radius L.E.

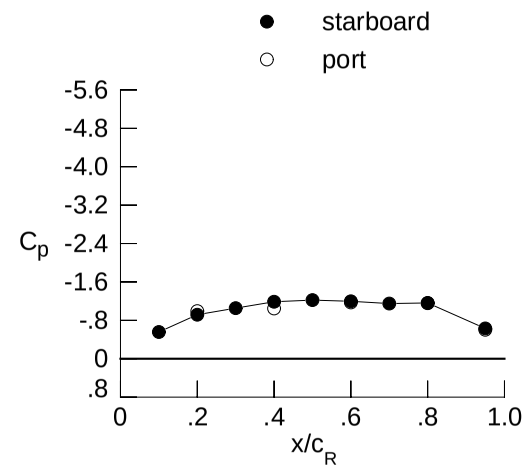
Run No. = 73 , Point No. = 1542

C_N = 0.597, C_m = -0.0911

α = 13.3 °, M_∞ = 0.869

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

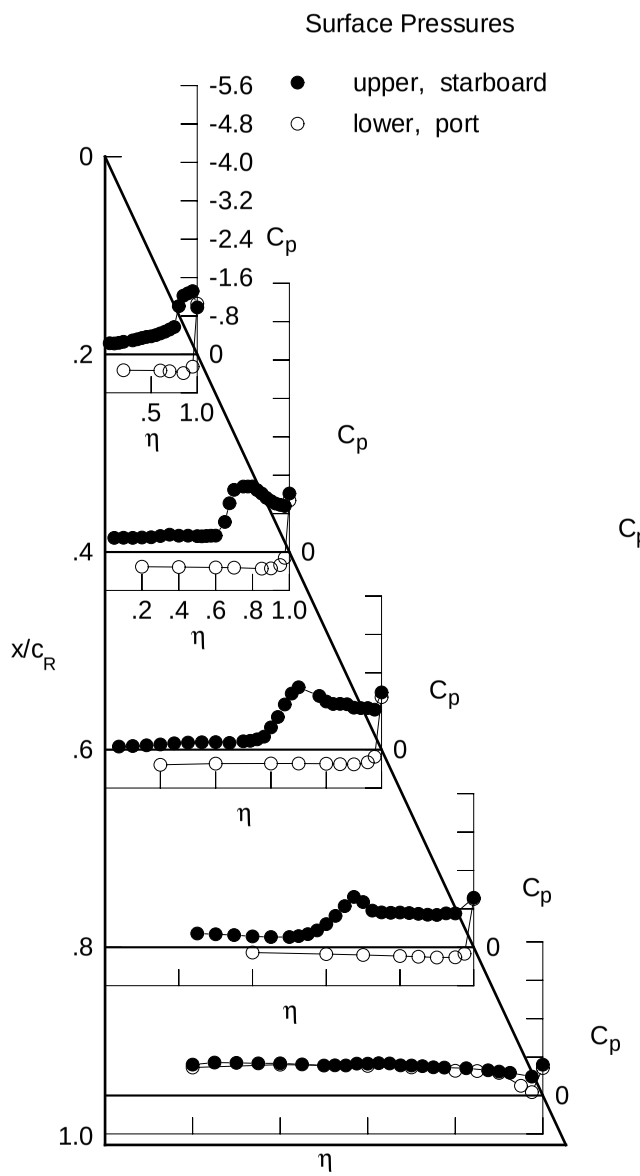
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.5569	*******
0.20	-0.9171	-0.9919
0.30	-1.0537	*******
0.40	-1.1874	-1.0469
0.50	-1.2213	*******
0.60	-1.1968	-1.1728
0.70	-1.1493	*******
0.80	-1.1621	-1.1570
0.90	*******	*******
0.95	-0.6308	-0.6030

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	-0.2321	-0.2953	-0.0643	*******	*******
0.100	-0.2269	-0.2973	-0.0753	*******	*******
0.150	-0.2407	-0.2956	-0.0905	*******	*******
0.200	-0.2621	-0.3023	-0.1084	*******	-0.6441
0.250	*******	-0.3077	-0.1318	-0.2875	-0.6865
0.300	-0.2913	-0.3332	-0.1476	-0.2710	-0.6801
0.350	-0.3147	-0.3617	-0.1532	-0.2546	-0.6695
0.400	-0.3405	-0.3396	-0.1569	-0.2268	-0.6704
0.450	-0.3639	-0.3409	-0.1399	-0.2133	-0.6479
0.500	-0.3761	-0.3314	-0.1732	-0.2134	-0.6236
0.525	*******	-0.3276	-0.1837	-0.2328	-0.6289
0.550	-0.4011	-0.3345	-0.2143	-0.2735	-0.6259
0.575	*******	-0.3400	-0.2705	-0.3513	-0.6643
0.600	-0.4371	-0.3419	-0.4628	-0.4822	-0.6636
0.625	*******	*******	-0.6798	-0.6541	-0.6738
0.650	-0.4729	-0.6275	-0.9405	-0.8572	-0.6678
0.675	*******	-1.0158	-1.1680	-1.0499	-0.6281
0.700	-0.5186	-1.2957	-1.2989	-0.9427	-0.6246
0.725	*******	*******	*******	-0.7637	-0.6111
0.750	-0.5702	-1.3639	*******	-0.7265	-0.5881
0.775	*******	-1.3648	-1.1186	-0.7180	-0.5819
0.800	-1.0046	-1.3665	-1.0024	-0.7244	*******
0.825	*******	-1.2903	-0.9509	-0.7139	-0.5682
0.850	-1.2229	-1.2184	-0.9538	-0.6972	*******
0.875	*******	-1.1298	-0.9457	-0.6783	-0.5253
0.900	-1.2721	-1.0628	-0.8743	-0.6734	-0.4984
0.925	*******	-1.0106	-0.8659	-0.7064	-0.4732
0.950	-1.3179	-0.9827	-0.8667	-0.7047	*******
0.975	*******	-0.9596	-0.8329	*******	-0.3937
1.000	-0.9787	-1.2195	-1.1924	-1.0317	-0.6420
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3308	0.3060	0.3160	*******	-0.5832
-0.400	*******	0.3130	0.2909	0.1097	-0.6426
-0.600	0.3360	0.3216	0.2885	0.1414	-0.6168
-0.700	0.3511	0.3256	0.2894	0.1603	-0.5858
-0.800	*******	*******	0.2932	0.1828	-0.5155
-0.850	0.3895	0.3457	0.3036	0.1965	-0.5094
-0.900	*******	0.3410	0.3064	0.2127	-0.4703
-0.950	0.2556	0.2710	0.2638	0.2088	-0.2022
-0.975	*******	0.1202	0.1483	0.1343	-0.0693
-1.000	-1.0556	-1.0737	-1.0934	-1.0052	-0.5721



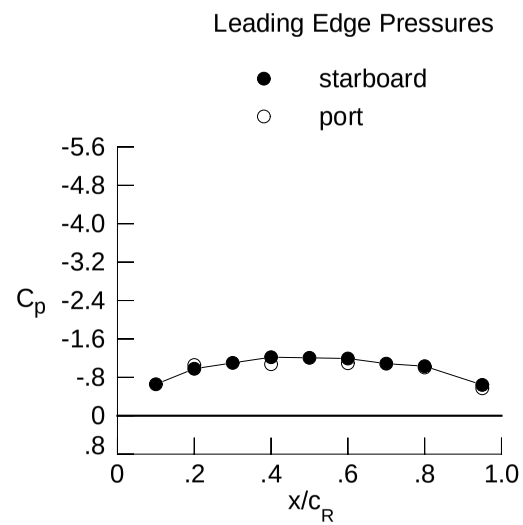
Large Radius L.E.

Run No. = 73 , Point No. = 1543

C_N = 0.633, C_m = -0.0898

α = 14.3 °, M_∞ = 0.871

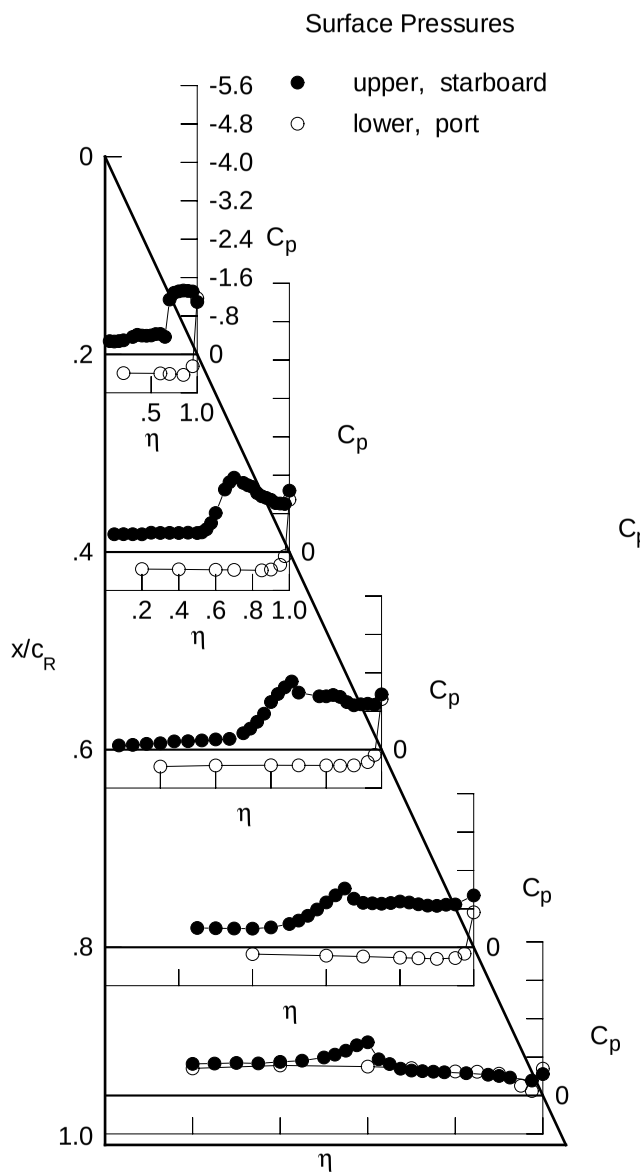
R_{mac} = 60.1×10^6



x/c_R	starb'd Cp	port Cp
0.10	-0.6554	*******
0.20	-0.9787	-1.0556
0.30	-1.1007	*******
0.40	-1.2195	-1.0737
0.50	-1.2061	*******
0.60	-1.1924	-1.0934
0.70	-1.0851	*******
0.80	-1.0317	-1.0052
0.90	*******	*******
0.95	-0.6420	-0.5721

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	-0.2762	-0.3707	-0.0876	*******	*******
0.100	-0.2681	-0.3717	-0.0988	*******	*******
0.150	-0.2765	-0.3709	-0.1209	*******	*******
0.200	-0.2938	-0.3700	-0.1332	*******	-0.6595
0.250	*******	-0.4020	-0.1720	-0.4025	-0.6660
0.300	-0.3633	-0.3977	-0.1763	-0.3964	-0.6783
0.350	-0.4080	-0.3993	-0.1921	-0.3912	-0.6687
0.400	-0.3924	-0.3969	-0.2125	-0.3880	-0.7011
0.450	-0.3882	-0.4032	-0.2240	-0.4138	-0.7257
0.500	-0.3945	-0.3964	-0.3418	-0.4846	-0.7918
0.525	*******	-0.4095	-0.4379	-0.5560	-0.8508
0.550	-0.4233	-0.4734	-0.5797	-0.6560	-0.9339
0.575	*******	-0.6039	-0.7488	-0.7868	-1.0467
0.600	-0.4258	-0.8129	-0.9923	-0.9343	-1.1085
0.625	*******	*******	-1.1595	-1.0824	-0.7542
0.650	-0.3647	-1.3025	-1.2974	-1.2244	-0.6551
0.675	*******	-1.4535	-1.4193	-1.0123	-0.5587
0.700	-1.1417	-1.5490	-1.1878	-0.9253	-0.5204
0.725	*******	*******	*******	-0.9160	-0.5068
0.750	-1.2830	-1.4403	*******	-0.9069	-0.4960
0.775	*******	-1.3901	-1.1115	-0.9227	-0.4844
0.800	-1.3132	-1.3548	-1.1111	-0.9532	*******
0.825	*******	-1.2278	-1.1384	-0.9329	-0.4652
0.850	-1.3305	-1.1613	-1.0984	-0.8963	*******
0.875	*******	-1.1275	-0.9898	-0.8676	-0.4332
0.900	-1.3225	-1.0876	-0.9236	-0.8632	-0.4073
0.925	*******	-1.0198	-0.9449	-0.8868	-0.3737
0.950	-1.3104	-1.0101	-0.9557	-0.8922	*******
0.975	*******	-1.0018	-0.9345	*******	-0.3112
1.000	-1.0921	-1.2786	-1.1509	-1.0803	-0.4467
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3904	0.3553	0.3527	*******	-0.5648
-0.400	*******	0.3611	0.3296	0.1419	-0.6266
-0.600	0.3962	0.3698	0.3254	0.1748	-0.6022
-0.700	0.4069	0.3728	0.3272	0.1925	-0.5705
-0.800	*******	*******	0.3287	0.2166	-0.5010
-0.850	0.4268	0.3817	0.3351	0.2284	-0.4955
-0.900	*******	0.3648	0.3281	0.2414	-0.4547
-0.950	0.2465	0.2668	0.2588	0.2236	-0.2033
-0.975	*******	0.0854	0.1099	0.1334	-0.0933
-1.000	-1.1693	-1.0897	-1.0523	-0.7282	-0.5593



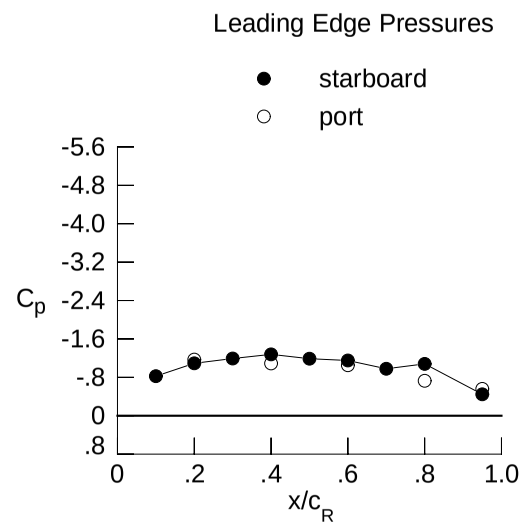
Large Radius L.E.

Run No. = 73 , Point No. = 1544

C_N = 0.799, C_m = -0.1319

α = 16.4 °, M_∞ = 0.868

R_{mac} = 60.0×10^6

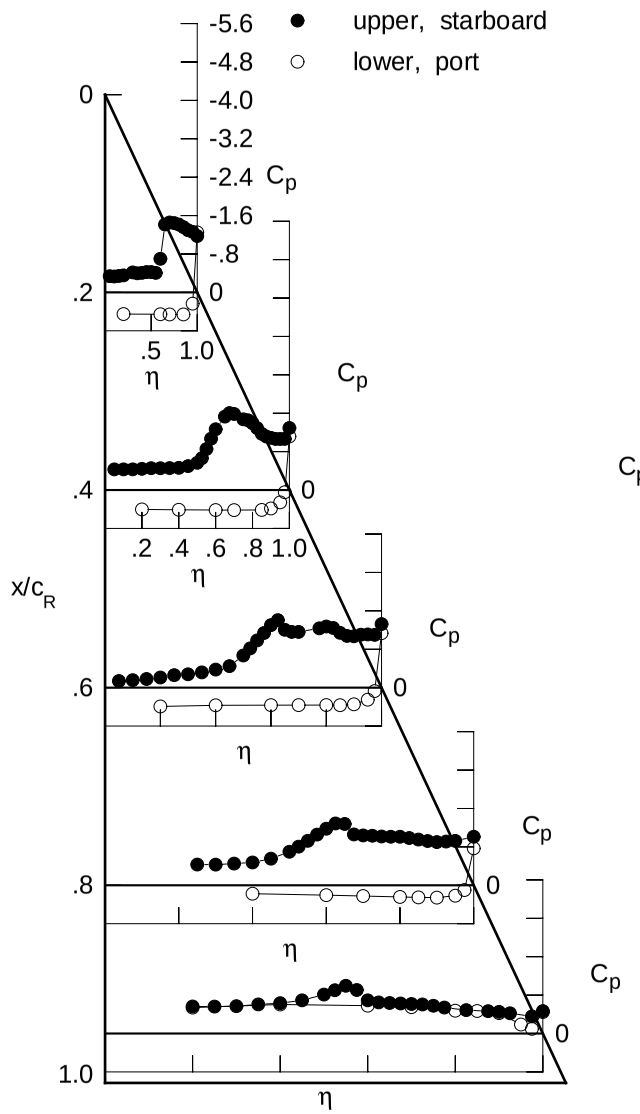


x/c_R	starb'd C_p	port C_p
0.10	-0.8240	*******
0.20	-1.0921	-1.1693
0.30	-1.1917	*******
0.40	-1.2786	-1.0897
0.50	-1.1881	*******
0.60	-1.1509	-1.0523
0.70	-0.9783	*******
0.80	-1.0803	-0.7282
0.90	*******	*******
0.95	-0.4467	-0.5593

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	-0.3378	-0.4301	-0.1382	*******	*******
0.100	-0.3314	-0.4302	-0.1556	*******	*******
0.150	-0.3421	-0.4309	-0.1796	*******	*******
0.200	-0.3543	-0.4417	-0.2113	*******	-0.5629
0.250	*******	-0.4549	-0.2603	-0.4321	-0.5612
0.300	-0.4156	-0.4542	-0.2780	-0.4303	-0.5695
0.350	-0.3979	-0.4573	-0.3178	-0.4520	-0.6063
0.400	-0.4073	-0.4624	-0.3762	-0.4753	-0.6320
0.450	-0.4237	-0.4980	-0.4476	-0.5541	-0.6913
0.500	-0.4237	-0.5675	-0.6697	-0.6987	-0.8110
0.525	*******	-0.6627	-0.8188	-0.8049	-0.9020
0.550	-0.4061	-0.8543	-0.9839	-0.9262	-0.9947
0.575	*******	-1.0699	-1.1382	-1.0561	-0.9065
0.600	-0.7002	-1.2662	-1.3024	-1.1786	-0.6912
0.625	*******	*******	-1.4065	-1.2879	-0.6478
0.650	-1.4137	-1.5297	-1.2059	-1.2772	-0.6360
0.675	*******	-1.6042	-1.1611	-1.0595	-0.6254
0.700	-1.4566	-1.5846	-1.1608	-1.0382	-0.6153
0.725	*******	*******	*******	-1.0322	-0.6052
0.750	-1.4436	-1.4739	*******	-1.0165	-0.5781
0.775	*******	-1.4544	-1.2360	-1.0109	-0.5407
0.800	-1.4135	-1.3910	-1.2739	-1.0114	*******
0.825	*******	-1.2888	-1.2441	-0.9851	-0.4870
0.850	-1.3603	-1.1715	-1.1420	-0.9530	*******
0.875	*******	-1.1146	-1.0777	-0.9226	-0.4652
0.900	-1.2964	-1.0871	-1.0695	-0.9000	-0.4507
0.925	*******	-1.0637	-1.1032	-0.9111	-0.4219
0.950	-1.2607	-1.0642	-1.1091	-0.9246	*******
0.975	*******	-1.0653	-1.0993	*******	-0.3566
1.000	-1.1736	-1.2928	-1.3251	-1.0108	-0.4675
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4516	0.4044	0.3918	*******	-0.5403
-0.400	*******	0.4113	0.3681	0.1756	-0.6045
-0.600	0.4550	0.4167	0.3650	0.2055	-0.5802
-0.700	0.4602	0.4185	0.3643	0.2237	-0.5491
-0.800	*******	*******	0.3632	0.2430	-0.4749
-0.850	0.4594	0.4141	0.3653	0.2520	-0.4689
-0.900	*******	0.3838	0.3469	0.2569	-0.4249
-0.950	0.2348	0.2570	0.2513	0.2170	-0.1868
-0.975	*******	0.0459	0.0716	0.0990	-0.0967
-1.000	-1.2505	-1.1168	-1.1344	-0.7708	-0.4464

Surface Pressures



Large Radius L.E.

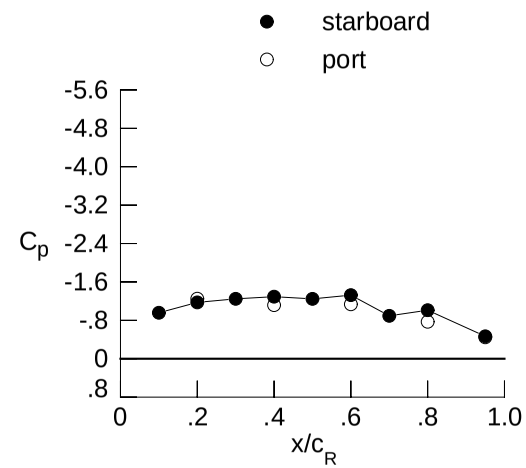
Run No. = 73 , Point No. = 1545

C_N = 0.868, C_m = -0.1370

α = 18.5 °, M_∞ = 0.869

R_{mac} = 59.9×10^6

Leading Edge Pressures

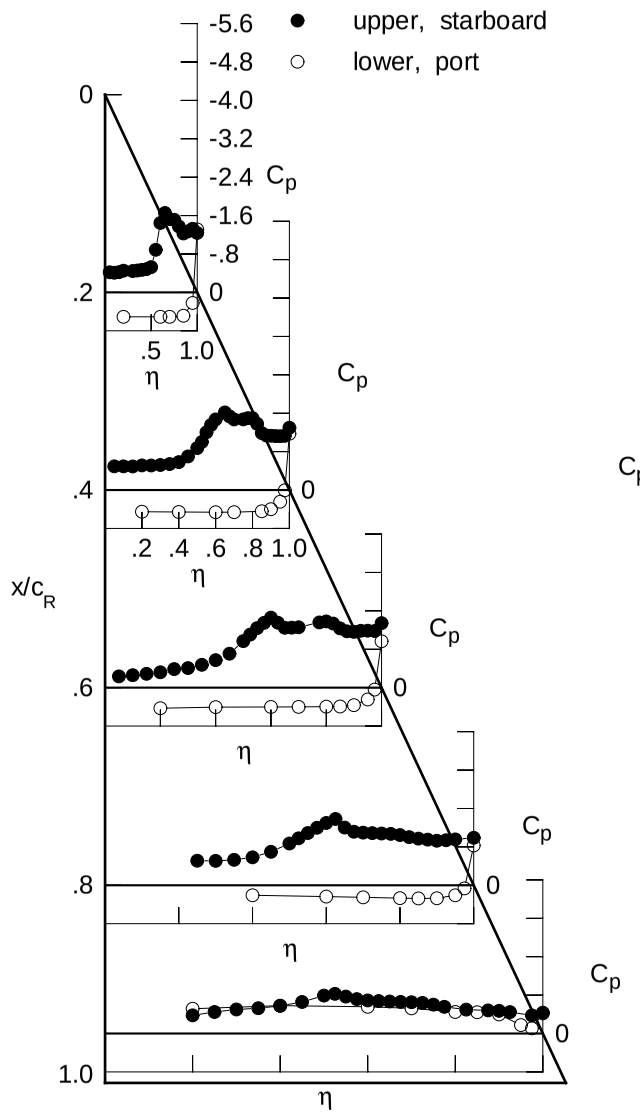


x/c_R	starb'd C_p	port C_p
0.10	-0.9576	*******
0.20	-1.1736	-1.2505
0.30	-1.2476	*******
0.40	-1.2928	-1.1168
0.50	-1.2469	*******
0.60	-1.3251	-1.1344
0.70	-0.8940	*******
0.80	-1.0108	-0.7708
0.90	*******	*******
0.95	-0.4675	-0.4464

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	-0.4192	-0.4938	-0.2347	*******	*******
0.100	-0.4098	-0.4938	-0.2594	*******	*******
0.150	-0.4209	-0.4914	-0.2882	*******	*******
0.200	-0.4523	-0.5127	-0.3199	*******	-0.3786
0.250	*******	-0.5114	-0.3865	-0.5118	-0.4484
0.300	-0.4448	-0.5216	-0.4069	-0.5090	-0.5004
0.350	-0.4557	-0.5416	-0.4760	-0.5302	-0.5270
0.400	-0.4694	-0.5819	-0.5725	-0.5827	-0.5752
0.450	-0.4849	-0.7000	-0.7073	-0.6978	-0.6569
0.500	-0.5261	-0.8744	-0.9691	-0.8705	-0.7897
0.525	*******	-1.0029	-1.1056	-0.9784	-0.8266
0.550	-0.8872	-1.2032	-1.2392	-1.0890	-0.7700
0.575	*******	-1.3565	-1.3498	-1.1988	-0.7168
0.600	-1.4464	-1.4708	-1.4590	-1.2982	-0.6886
0.625	*******	*******	-1.3521	-1.3814	-0.6771
0.650	-1.6547	-1.6170	-1.2475	-1.2023	-0.6674
0.675	*******	-1.5342	-1.2496	-1.1156	-0.6580
0.700	-1.5256	-1.4700	-1.2575	-1.0970	-0.6513
0.725	*******	*******	*******	-1.0867	-0.6373
0.750	-1.5133	-1.4724	*******	-1.0786	-0.6017
0.775	*******	-1.4976	-1.3584	-1.0709	-0.5558
0.800	-1.3748	-1.4988	-1.3793	-1.0465	*******
0.825	*******	-1.3790	-1.3353	-1.0031	-0.4976
0.850	-1.2271	-1.1862	-1.2347	-0.9720	*******
0.875	*******	-1.1360	-1.1726	-0.9512	-0.4816
0.900	-1.2708	-1.1312	-1.1619	-0.9284	-0.4725
0.925	*******	-1.1237	-1.1847	-0.9386	-0.4467
0.950	-1.3259	-1.1220	-1.1867	-0.9561	*******
0.975	*******	-1.1289	-1.1798	*******	-0.3776
1.000	-1.2381	-1.2974	-1.3436	-0.9894	-0.4345
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5087	0.4521	0.4288	*******	-0.5159
-0.400	*******	0.4577	0.4062	0.2080	-0.5804
-0.600	0.5091	0.4620	0.4027	0.2355	-0.5571
-0.700	0.5085	0.4613	0.4009	0.2510	-0.5243
-0.800	*******	*******	0.3961	0.2679	-0.4487
-0.850	0.4867	0.4425	0.3929	0.2740	-0.4429
-0.900	*******	0.3988	0.3645	0.2700	-0.3976
-0.950	0.2202	0.2436	0.2462	0.2092	-0.1749
-0.975	*******	0.0058	0.0411	0.0646	-0.1083
-1.000	-1.3122	-1.1726	-0.9662	-0.8296	-0.4200

Surface Pressures



Large Radius L.E.

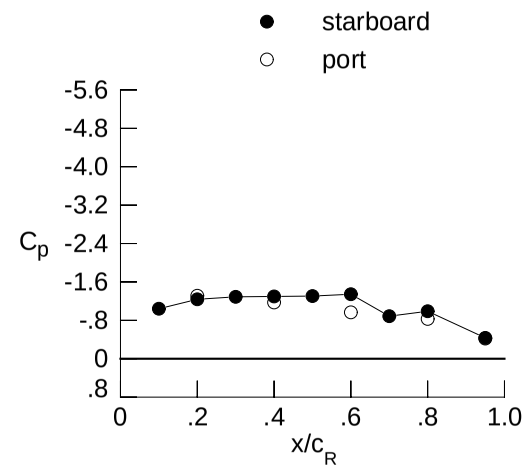
Run No. = 73 , Point No. = 1546

C_N = 0.978, C_m = -0.1583

α = 20.6 °, M_∞ = 0.870

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

Leading Edge Pressures

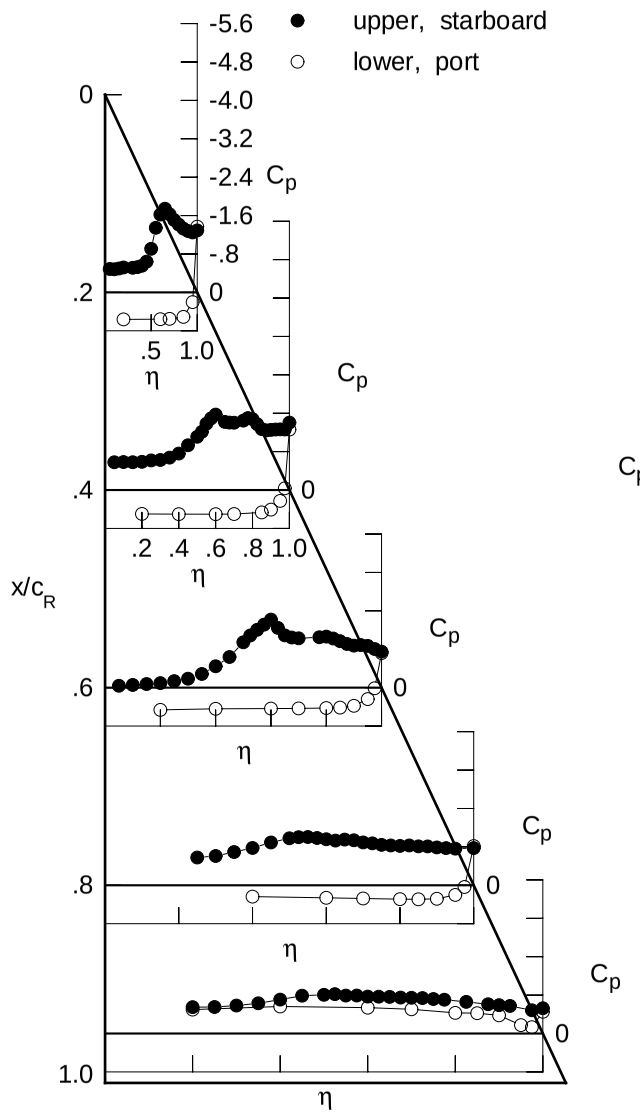


x/c_R	starb'd C_p	port C_p
0.10	-1.0412	*******
0.20	-1.2381	-1.3122
0.30	-1.2896	*******
0.40	-1.2974	-1.1726
0.50	-1.3053	*******
0.60	-1.3436	-0.9662
0.70	-0.8863	*******
0.80	-0.9894	-0.8296
0.90	*******	*******
0.95	-0.4345	-0.4200

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	-0.4880	-0.5785	-0.0392	*******	*******
0.100	-0.4809	-0.5835	-0.0560	*******	*******
0.150	-0.4979	-0.5792	-0.0755	*******	*******
0.200	-0.5190	-0.5879	-0.0947	*******	-0.5493
0.250	*******	-0.6165	-0.1360	-0.5782	-0.5516
0.300	-0.5128	-0.6263	-0.1864	-0.6107	-0.5826
0.350	-0.5254	-0.6748	-0.2847	-0.6925	-0.6297
0.400	-0.5548	-0.7603	-0.4446	-0.7780	-0.7060
0.450	-0.6411	-0.9331	-0.6382	-0.8917	-0.7878
0.500	-0.9079	-1.1097	-0.9446	-0.9792	-0.8064
0.525	*******	-1.2127	-1.0861	-1.0013	-0.8203
0.550	-1.3456	-1.3833	-1.2048	-1.0053	-0.7902
0.575	*******	-1.4929	-1.3117	-0.9853	-0.7912
0.600	-1.6213	-1.5721	-1.4179	-0.9595	-0.7698
0.625	*******	*******	-1.2446	-0.9312	-0.7673
0.650	-1.7429	-1.4192	-1.0891	-0.9519	-0.7634
0.675	*******	-1.4054	-1.0438	-0.9373	-0.7485
0.700	-1.6263	-1.4026	-1.0279	-0.8926	-0.7446
0.725	*******	*******	*******	-0.8739	-0.7380
0.750	-1.5074	-1.4454	*******	-0.8423	-0.7186
0.775	*******	-1.4993	-1.0493	-0.8299	-0.7042
0.800	-1.4123	-1.4768	-1.0632	-0.8203	*******
0.825	*******	-1.3724	-1.0238	-0.8297	-0.6594
0.850	-1.3289	-1.2699	-0.9679	-0.8116	*******
0.875	*******	-1.2435	-0.9094	-0.8094	-0.6093
0.900	-1.2793	-1.2530	-0.8756	-0.7886	-0.5901
0.925	*******	-1.2608	-0.8874	-0.7742	-0.5740
0.950	-1.2491	-1.2644	-0.8707	-0.7628	*******
0.975	*******	-1.2618	-0.8045	*******	-0.4836
1.000	-1.2915	-1.4044	-0.7504	-0.7754	-0.5260
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5622	0.4980	0.4630	*******	-0.4982
-0.400	*******	0.5025	0.4409	0.2360	-0.5629
-0.600	0.5587	0.5032	0.4360	0.2612	-0.5388
-0.700	0.5512	0.5003	0.4328	0.2752	-0.5047
-0.800	*******	*******	0.4247	0.2888	-0.4299
-0.850	0.5103	0.4661	0.4162	0.2919	-0.4234
-0.900	*******	0.4082	0.3781	0.2810	-0.3784
-0.950	0.2028	0.2263	0.2382	0.2011	-0.1741
-0.975	*******	-0.0358	0.0125	0.0352	-0.1324
-1.000	-1.3693	-1.2602	-0.7189	-0.8175	-0.4518

Surface Pressures



Large Radius L.E.

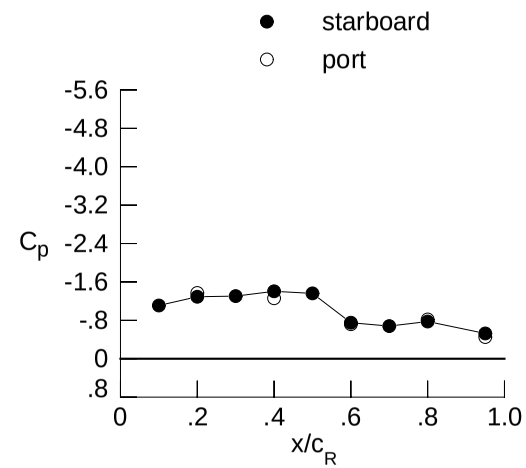
Run No. = 73 , Point No. = 1547

C_N = 1.033, C_m = -0.1624

α = 22.6 °, M_∞ = 0.869

R_{mac} = 60.0×10^6

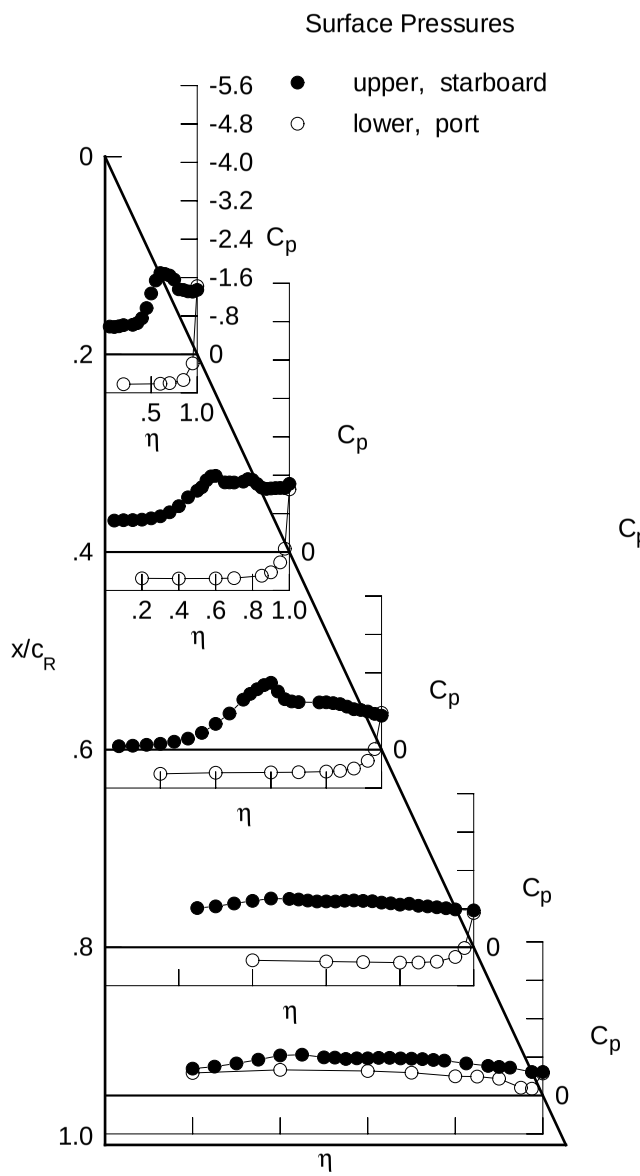
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1091	*******
0.20	-1.2915	-1.3693
0.30	-1.3044	*******
0.40	-1.4044	-1.2602
0.50	-1.3613	*******
0.60	-0.7504	-0.7189
0.70	-0.6799	*******
0.80	-0.7754	-0.8175
0.90	*******	*******
0.95	-0.5260	-0.4518

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	-0.5789	-0.6555	-0.0709	*******	*******
0.100	-0.5705	-0.6633	-0.0818	*******	*******
0.150	-0.5858	-0.6655	-0.1007	*******	*******
0.200	-0.6092	-0.6748	-0.1214	*******	-0.5599
0.250	*******	-0.7019	-0.1649	-0.8174	-0.6014
0.300	-0.6162	-0.7445	-0.2292	-0.8524	-0.6682
0.350	-0.6521	-0.8280	-0.3485	-0.9117	-0.7463
0.400	-0.7531	-0.9555	-0.5364	-0.9669	-0.8341
0.450	-0.9645	-1.1403	-0.7525	-1.0163	-0.8504
0.500	-1.2690	-1.2766	-1.0409	-1.0076	-0.7941
0.525	*******	-1.3507	-1.1613	-0.9952	-0.7895
0.550	-1.5392	-1.4932	-1.2586	-0.9734	-0.7619
0.575	*******	-1.5759	-1.3449	-0.9544	-0.7741
0.600	-1.6941	-1.5872	-1.3926	-0.9556	-0.7743
0.625	*******	*******	-1.2115	-0.9538	-0.7842
0.650	-1.6749	-1.4505	-1.0513	-0.9700	-0.7851
0.675	*******	-1.4508	-1.0039	-0.9760	-0.7732
0.700	-1.6428	-1.4477	-0.9893	-0.9667	-0.7675
0.725	*******	*******	*******	-0.9593	-0.7584
0.750	-1.5582	-1.4660	*******	-0.9302	-0.7411
0.775	*******	-1.5194	-0.9842	-0.9161	-0.7268
0.800	-1.3560	-1.5014	-0.9860	-0.8880	*******
0.825	*******	-1.4187	-0.9686	-0.9070	-0.6682
0.850	-1.3414	-1.3412	-0.9477	-0.8645	*******
0.875	*******	-1.3153	-0.8964	-0.8522	-0.6170
0.900	-1.3131	-1.3236	-0.8425	-0.8337	-0.5963
0.925	*******	-1.3321	-0.8261	-0.8138	-0.5806
0.950	-1.3063	-1.3348	-0.7948	-0.7885	*******
0.975	*******	-1.3326	-0.7452	*******	-0.4896
1.000	-1.3433	-1.4209	-0.7069	-0.7691	-0.4906
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6218	0.5481	0.5038	*******	-0.4699
-0.400	*******	0.5529	0.4813	0.2715	-0.5344
-0.600	0.6120	0.5503	0.4751	0.2958	-0.5107
-0.700	0.5981	0.5440	0.4708	0.3079	-0.4752
-0.800	*******	*******	0.4570	0.3195	-0.4001
-0.850	0.5339	0.4933	0.4428	0.3180	-0.3947
-0.900	*******	0.4226	0.3938	0.3003	-0.3507
-0.950	0.1869	0.2154	0.2330	0.2019	-0.1623
-0.975	*******	-0.0695	-0.0120	0.0153	-0.1417
-1.000	-1.4212	-1.3067	-0.7659	-0.7152	-0.4597



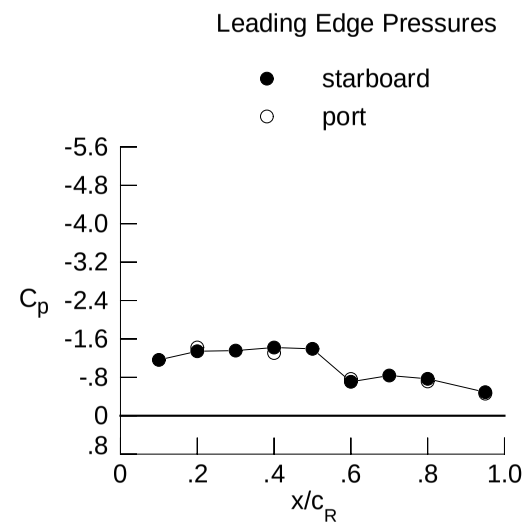
Large Radius L.E.

Run No. = 73 , Point No. = 1548

C_N = 1.122, C_m = -0.1728

α = 24.6 °, M_∞ = 0.868

R_{mac} = 59.9×10^6

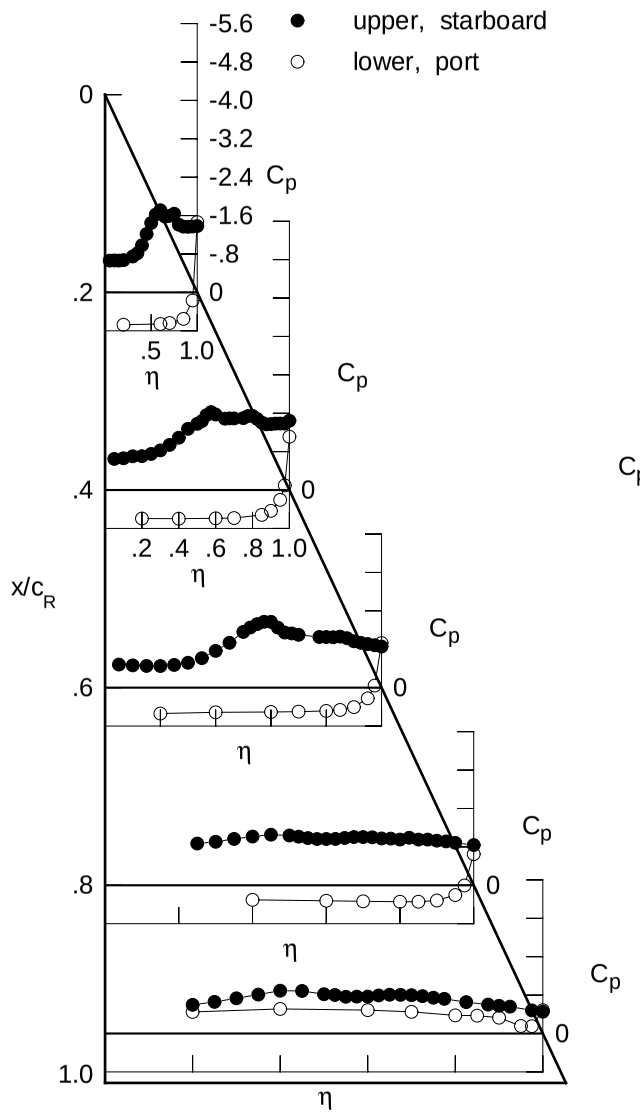


x/c_R	starb'd C_p	port C_p
0.10	-1.1630	*******
0.20	-1.3433	-1.4212
0.30	-1.3568	*******
0.40	-1.4209	-1.3067
0.50	-1.3939	*******
0.60	-0.7069	-0.7659
0.70	-0.8379	*******
0.80	-0.7691	-0.7152
0.90	*******	*******
0.95	-0.4906	-0.4597

Table E5. 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	-0.6623	-0.6487	-0.4808	*******	*******
0.100	-0.6656	-0.6618	-0.4639	*******	*******
0.150	-0.6627	-0.7031	-0.4517	*******	*******
0.200	-0.6720	-0.7057	-0.4503	*******	-0.5978
0.250	*******	-0.7519	-0.4730	-0.8700	-0.6591
0.300	-0.7475	-0.8256	-0.5184	-0.9066	-0.7332
0.350	-0.8139	-0.9400	-0.6148	-0.9655	-0.8109
0.400	-0.9808	-1.0905	-0.7665	-1.0154	-0.8922
0.450	-1.2167	-1.2752	-0.9345	-1.0541	-0.8866
0.500	-1.4466	-1.3802	-1.1606	-1.0379	-0.8185
0.525	*******	-1.4345	-1.2520	-1.0130	-0.8021
0.550	-1.6215	-1.5599	-1.3227	-0.9839	-0.7657
0.575	*******	-1.6238	-1.3722	-0.9639	-0.7687
0.600	-1.7119	-1.5727	-1.3710	-0.9641	-0.7697
0.625	*******	*******	-1.2508	-0.9656	-0.7924
0.650	-1.5784	-1.4863	-1.1477	-0.9857	-0.8083
0.675	*******	-1.4930	-1.1293	-1.0049	-0.8054
0.700	-1.5942	-1.4922	-1.1007	-1.0045	-0.7974
0.725	*******	*******	*******	-0.9990	-0.7786
0.750	-1.6388	-1.4974	*******	-0.9756	-0.7460
0.775	*******	-1.5418	-1.0551	-0.9726	-0.7225
0.800	-1.4097	-1.5450	-1.0548	-0.9530	*******
0.825	*******	-1.4807	-1.0496	-0.9905	-0.6534
0.850	-1.3698	-1.4058	-1.0634	-0.9522	*******
0.875	*******	-1.3686	-1.0306	-0.9522	-0.6021
0.900	-1.3660	-1.3733	-0.9655	-0.9295	-0.5782
0.925	*******	-1.3840	-0.9333	-0.9140	-0.5598
0.950	-1.3716	-1.3852	-0.9085	-0.8847	*******
0.975	*******	-1.3841	-0.8828	*******	-0.4820
1.000	-1.3817	-1.4439	-0.8558	-0.8385	-0.4540
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6732	0.5939	0.5392	*******	-0.4493
-0.400	*******	0.5966	0.5145	0.3034	-0.5120
-0.600	0.6584	0.5895	0.5075	0.3228	-0.4875
-0.700	0.6381	0.5840	0.5004	0.3345	-0.4513
-0.800	*******	*******	0.4849	0.3432	-0.3773
-0.850	0.5520	0.5177	0.4646	0.3423	-0.3722
-0.900	*******	0.4338	0.4058	0.3166	-0.3300
-0.950	0.1688	0.2051	0.2230	0.2029	-0.1557
-0.975	*******	-0.0969	-0.0430	0.0040	-0.1523
-1.000	-1.4646	-1.1105	-0.9284	-0.6488	-0.4866

Surface Pressures



Large Radius L.E.

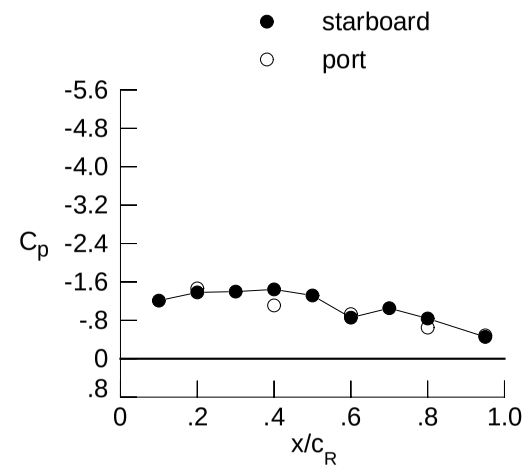
Run No. = 73 , Point No. = 1549

C_N = 1.179, C_m = -0.1800

α = 26.7 °, M_∞ = 0.869

R_{mac} = 59.8×10^6

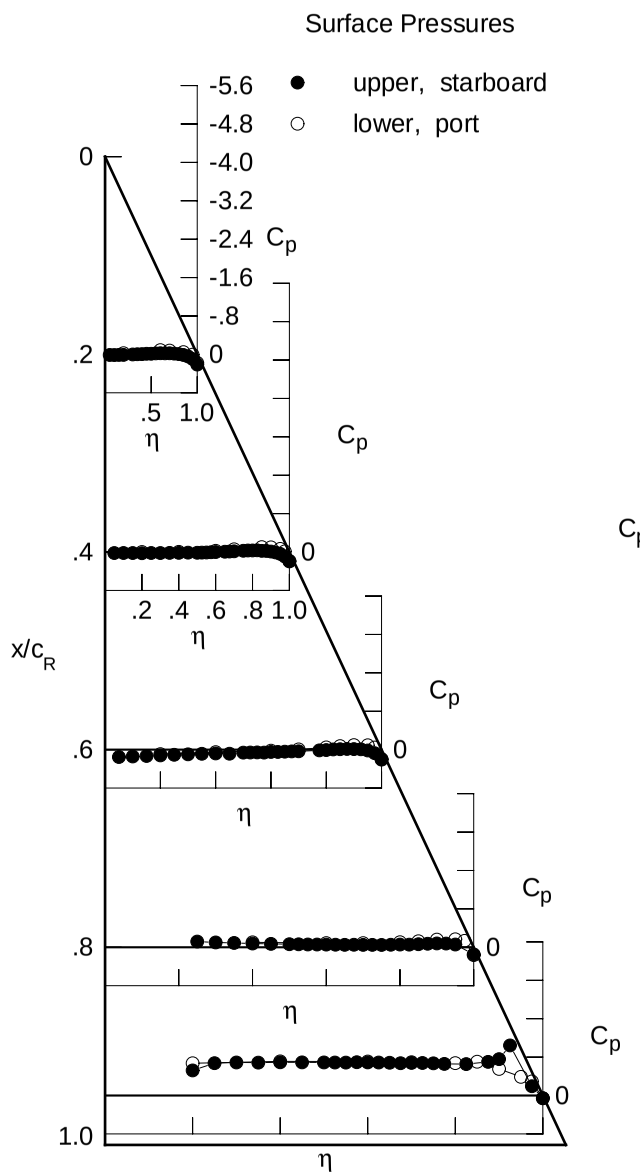
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.2107	*******
0.20	-1.3817	-1.4646
0.30	-1.3983	*******
0.40	-1.4439	-1.1105
0.50	-1.3175	*******
0.60	-0.8558	-0.9284
0.70	-1.0529	*******
0.80	-0.8385	-0.6488
0.90	*******	*******
0.95	-0.4540	-0.4866

Table E6. Tabulations and Plots of Surface Pressure Coefficients.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	0.0120	0.0208	0.1538	*******	*******
0.100	0.0133	0.0202	0.1424	*******	*******
0.150	0.0110	0.0211	0.1318	*******	*******
0.200	0.0100	0.0244	0.1199	*******	-0.5225
0.250	*******	0.0198	0.1072	-0.1189	-0.6738
0.300	0.0012	0.0205	0.0974	-0.1005	-0.6882
0.350	-0.0030	0.0179	0.0867	-0.0903	-0.6851
0.400	-0.0058	0.0171	0.0794	-0.0780	-0.6919
0.450	-0.0128	0.0125	0.0848	-0.0711	-0.6905
0.500	-0.0130	0.0150	0.0624	-0.0643	-0.6886
0.525	*******	0.0117	0.0599	-0.0621	-0.6869
0.550	-0.0205	0.0098	0.0572	-0.0588	-0.6859
0.575	*******	0.0041	0.0618	-0.0577	-0.6935
0.600	-0.0236	0.0000	0.0483	-0.0563	-0.6897
0.625	*******	*******	0.0482	-0.0535	-0.6872
0.650	-0.0218	-0.0064	0.0427	-0.0509	-0.6822
0.675	*******	-0.0104	0.0365	-0.0526	-0.6730
0.700	-0.0233	-0.0150	0.0348	-0.0501	-0.6793
0.725	*******	*******	*******	-0.0501	-0.6777
0.750	-0.0157	-0.0261	*******	-0.0488	-0.6707
0.775	*******	-0.0317	0.0151	-0.0527	-0.6585
0.800	-0.0066	-0.0325	0.0086	-0.0570	*******
0.825	*******	-0.0356	-0.0043	-0.0551	-0.6547
0.850	0.0121	-0.0247	-0.0090	-0.0642	*******
0.875	*******	-0.0235	-0.0146	-0.0739	-0.7005
0.900	0.0420	-0.0102	-0.0114	-0.0800	-0.7577
0.925	*******	0.0080	-0.0074	-0.0775	-1.0434
0.950	0.0960	0.0376	0.0173	-0.0575	*******
0.975	*******	0.0926	0.0733	*******	-0.1938
1.000	0.2120	0.1953	0.2082	0.1480	0.0571
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0245	-0.0011	0.0938	*******	-0.6721
-0.400	*******	-0.0038	0.0521	-0.1033	-0.7111
-0.600	-0.0887	-0.0252	0.0218	-0.0871	-0.7082
-0.700	-0.0792	-0.0565	-0.0045	-0.0866	-0.6932
-0.800	*******	*******	-0.0465	-0.1052	-0.6746
-0.850	-0.0469	-0.1026	-0.0738	-0.1252	-0.7043
-0.900	*******	-0.0974	-0.0947	-0.1603	-0.5537
-0.950	0.0059	-0.0659	-0.0912	-0.1662	-0.3888
-0.975	*******	-0.0134	-0.0442	-0.1336	-0.2933
-1.000	0.1761	0.1849	0.1956	0.1622	0.0567



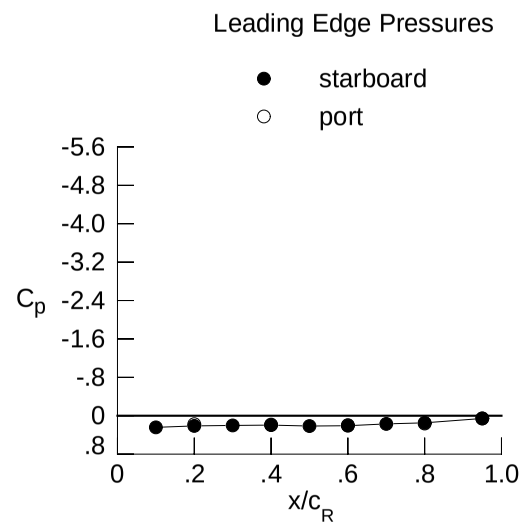
Large Radius L.E.

Run No. = 74 , Point No. = 1550

C_N = -0.041, C_m = 0.0090

α = -0.9 °, M_∞ = 0.898

$R_{mac} = 60.6 \times 10^6$

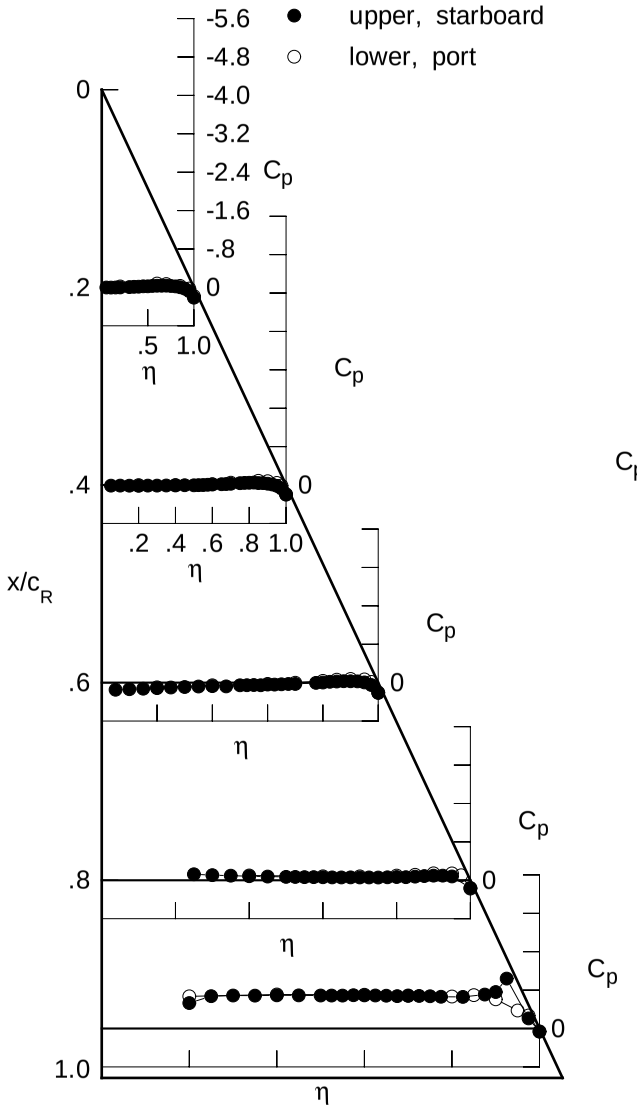


x/c_R	starb'd C_p	port C_p
0.10	0.2423	*******
0.20	0.2120	0.1761
0.30	0.2021	*******
0.40	0.1953	0.1849
0.50	0.2148	*******
0.60	0.2082	0.1956
0.70	0.1701	*******
0.80	0.1480	0.1622
0.90	*******	*******
0.95	0.0571	0.0567

Table E6. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	0.0023	0.0127	0.1480	*******	*******
0.100	0.0041	0.0122	0.1369	*******	*******
0.150	0.0021	0.0140	0.1265	*******	*******
0.200	0.0010	0.0167	0.1144	*******	-0.5300
0.250	*******	0.0118	0.1013	-0.1253	-0.6733
0.300	-0.0064	0.0121	0.0912	-0.1073	-0.6872
0.350	-0.0118	0.0098	0.0807	-0.0963	-0.6845
0.400	-0.0148	0.0085	0.0730	-0.0846	-0.6915
0.450	-0.0221	0.0040	0.0788	-0.0780	-0.6900
0.500	-0.0228	0.0057	0.0549	-0.0708	-0.6874
0.525	*******	0.0028	0.0540	-0.0695	-0.6866
0.550	-0.0307	-0.0001	0.0495	-0.0653	-0.6859
0.575	*******	-0.0057	0.0545	-0.0652	-0.6935
0.600	-0.0344	-0.0103	0.0400	-0.0631	-0.6902
0.625	*******	*******	0.0406	-0.0599	-0.6878
0.650	-0.0341	-0.0165	0.0348	-0.0589	-0.6831
0.675	*******	-0.0206	0.0282	-0.0606	-0.6745
0.700	-0.0362	-0.0261	0.0268	-0.0590	-0.6798
0.725	*******	*******	*******	-0.0589	-0.6783
0.750	-0.0294	-0.0388	*******	-0.0578	-0.6724
0.775	*******	-0.0446	0.0050	-0.0622	-0.6613
0.800	-0.0210	-0.0470	-0.0024	-0.0680	*******
0.825	*******	-0.0512	-0.0173	-0.0651	-0.6585
0.850	-0.0034	-0.0410	-0.0234	-0.0758	*******
0.875	*******	-0.0411	-0.0298	-0.0883	-0.7070
0.900	0.0257	-0.0279	-0.0290	-0.0968	-0.7597
0.925	*******	-0.0119	-0.0268	-0.0965	-1.0399
0.950	0.0790	0.0169	-0.0050	-0.0798	*******
0.975	*******	0.0711	0.0498	*******	-0.2103
1.000	0.2146	0.2007	0.2143	0.1588	0.0645
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0194	0.0019	0.0972	*******	-0.6700
-0.400	*******	0.0004	0.0553	-0.1001	-0.7087
-0.600	-0.0802	-0.0187	0.0267	-0.0822	-0.7031
-0.700	-0.0697	-0.0486	0.0022	-0.0817	-0.6879
-0.800	*******	*******	-0.0366	-0.0975	-0.6666
-0.850	-0.0315	-0.0877	-0.0615	-0.1146	-0.6953
-0.900	*******	-0.0799	-0.0770	-0.1448	-0.6090
-0.950	0.0239	-0.0437	-0.0674	-0.1433	-0.3755
-0.975	*******	0.0113	-0.0156	-0.1052	-0.2712
-1.000	0.1814	0.1911	0.2045	0.1724	0.0617

Surface Pressures



Large Radius L.E.

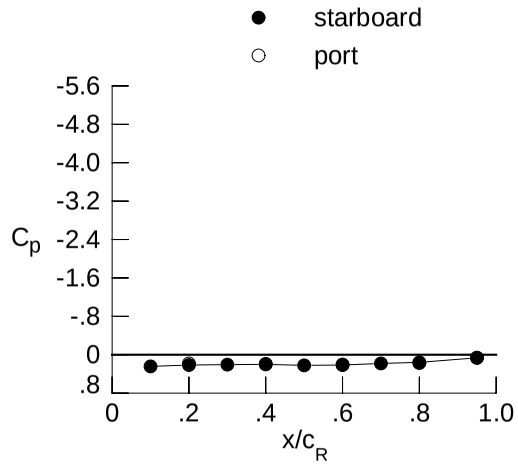
Run No. = 74 , Point No. = 1551

C_N = -0.026, C_m = 0.0064

α = -0.6 °, M_∞ = 0.900

R_{mac} = 60.4×10^6

Leading Edge Pressures

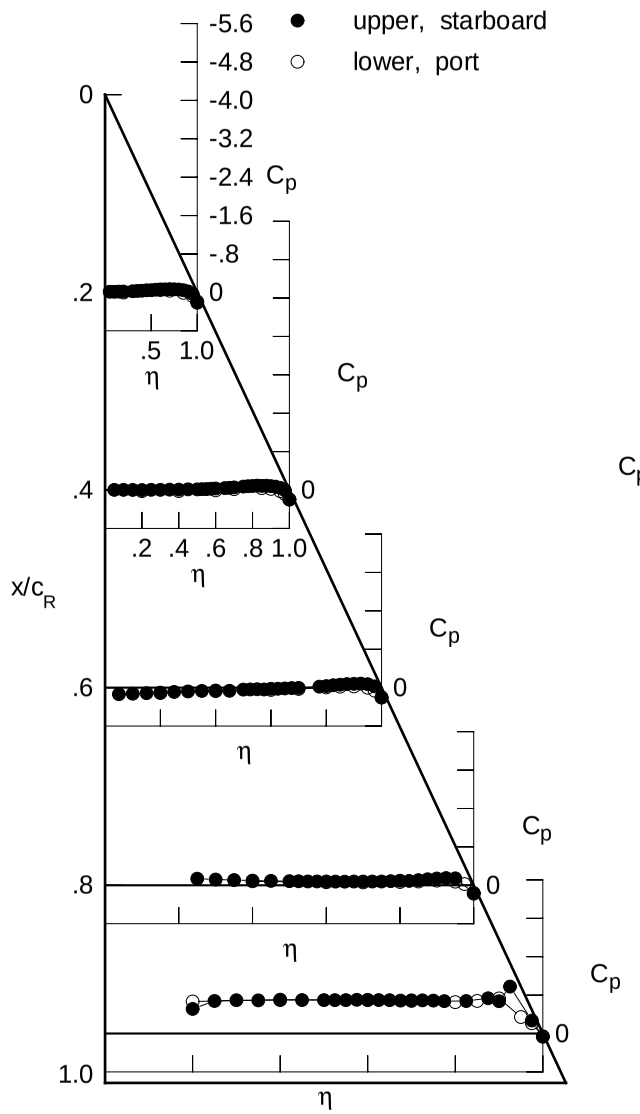


x/c_R	starb'd C_p	port C_p
0.10	0.2432	*******
0.20	0.2146	0.1814
0.30	0.2062	*******
0.40	0.2007	0.1911
0.50	0.2217	*******
0.60	0.2143	0.2045
0.70	0.1815	*******
0.80	0.1588	0.1724
0.90	*******	*******
0.95	0.0645	0.0617

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	-0.0138	-0.0030	0.1368	*******	*******
0.100	-0.0130	-0.0037	0.1268	*******	*******
0.150	-0.0161	-0.0027	0.1156	*******	*******
0.200	-0.0176	0.0002	0.1043	*******	-0.5118
0.250	*******	-0.0051	0.0899	-0.1377	-0.6776
0.300	-0.0235	-0.0040	0.0795	-0.1200	-0.6935
0.350	-0.0302	-0.0078	0.0686	-0.1091	-0.6906
0.400	-0.0349	-0.0087	0.0602	-0.0977	-0.6980
0.450	-0.0437	-0.0147	0.0654	-0.0916	-0.6968
0.500	-0.0457	-0.0133	0.0411	-0.0852	-0.6959
0.525	*******	-0.0175	0.0378	-0.0838	-0.6950
0.550	-0.0561	-0.0202	0.0340	-0.0803	-0.6950
0.575	*******	-0.0275	0.0382	-0.0802	-0.7025
0.600	-0.0621	-0.0321	0.0239	-0.0794	-0.7002
0.625	*******	*******	0.0229	-0.0767	-0.6971
0.650	-0.0632	-0.0408	0.0171	-0.0753	-0.6942
0.675	*******	-0.0463	0.0088	-0.0785	-0.6857
0.700	-0.0674	-0.0543	0.0059	-0.0778	-0.6914
0.725	*******	*******	*******	-0.0787	-0.6912
0.750	-0.0636	-0.0716	*******	-0.0787	-0.6853
0.775	*******	-0.0792	-0.0211	-0.0862	-0.6744
0.800	-0.0590	-0.0840	-0.0321	-0.0958	*******
0.825	*******	-0.0918	-0.0500	-0.0912	-0.6770
0.850	-0.0455	-0.0858	-0.0615	-0.1069	*******
0.875	*******	-0.0899	-0.0739	-0.1256	-0.7348
0.900	-0.0197	-0.0810	-0.0793	-0.1418	-0.6725
0.925	*******	-0.0701	-0.0840	-0.1503	-0.9774
0.950	0.0303	-0.0458	-0.0720	-0.1448	*******
0.975	*******	0.0028	-0.0260	*******	-0.2702
1.000	0.2162	0.1999	0.2025	0.1603	0.0670
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0028	0.0230	0.1119	*******	-0.6668
-0.400	*******	0.0219	0.0722	-0.0829	-0.7045
-0.600	-0.0494	0.0067	0.0477	-0.0629	-0.6969
-0.700	-0.0353	-0.0177	0.0271	-0.0596	-0.6795
-0.800	*******	*******	-0.0044	-0.0684	-0.6538
-0.850	0.0099	-0.0400	-0.0205	-0.0796	-0.6782
-0.900	*******	-0.0244	-0.0252	-0.0967	-0.7310
-0.950	0.0755	0.0221	0.0014	-0.0760	-0.3431
-0.975	*******	0.0806	0.0622	-0.0254	-0.2134
-1.000	0.1894	0.1929	0.2071	0.1754	0.0584

Surface Pressures



Large Radius L.E.

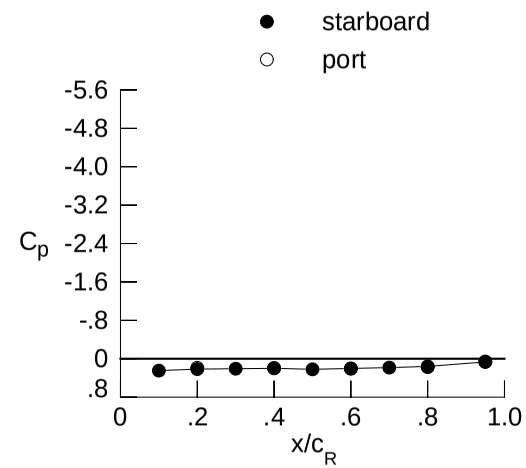
Run No. = 74 , Point No. = 1552

C_N = 0.018, C_m = -0.0017

α = 0.5 °, M_∞ = 0.898

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

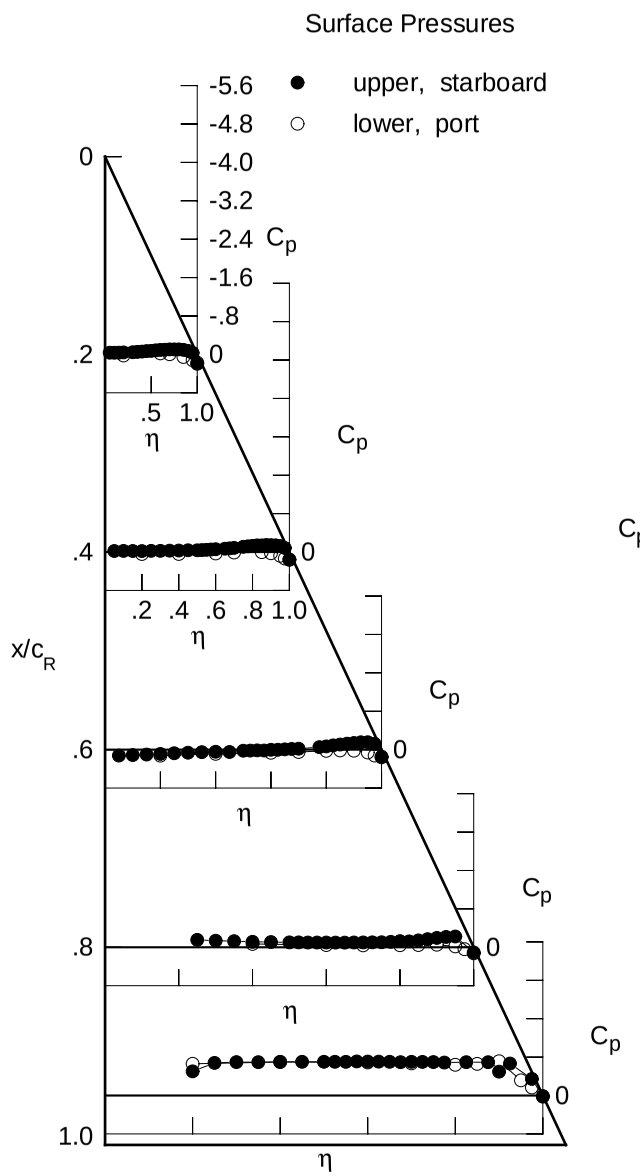
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2475	*******
0.20	0.2162	0.1894
0.30	0.2082	*******
0.40	0.1999	0.1929
0.50	0.2206	*******
0.60	0.2025	0.2071
0.70	0.1847	*******
0.80	0.1603	0.1754
0.90	*******	*******
0.95	0.0670	0.0584

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	-0.0350	-0.0219	0.1231	*******	*******
0.100	-0.0342	-0.0235	0.1128	*******	*******
0.150	-0.0360	-0.0213	0.1022	*******	*******
0.200	-0.0412	-0.0199	0.0899	*******	-0.5034
0.250	*******	-0.0247	0.0754	-0.1547	-0.6791
0.300	-0.0446	-0.0251	0.0640	-0.1367	-0.6963
0.350	-0.0523	-0.0288	0.0530	-0.1271	-0.6941
0.400	-0.0587	-0.0309	0.0438	-0.1147	-0.7007
0.450	-0.0690	-0.0369	0.0486	-0.1089	-0.7024
0.500	-0.0727	-0.0358	0.0227	-0.1027	-0.7021
0.525	*******	-0.0409	0.0199	-0.1021	-0.7023
0.550	-0.0849	-0.0454	0.0149	-0.0989	-0.7018
0.575	*******	-0.0525	0.0188	-0.0996	-0.7096
0.600	-0.0925	-0.0587	0.0032	-0.0992	-0.7069
0.625	*******	*******	0.0021	-0.0976	-0.7055
0.650	-0.0967	-0.0698	-0.0059	-0.0966	-0.7027
0.675	*******	-0.0765	-0.0145	-0.1002	-0.6942
0.700	-0.1040	-0.0866	-0.0191	-0.1009	-0.7014
0.725	*******	*******	*******	-0.1031	-0.7003
0.750	-0.1036	-0.1087	*******	-0.1049	-0.6966
0.775	*******	-0.1195	-0.0517	-0.1139	-0.6867
0.800	-0.1037	-0.1280	-0.0672	-0.1279	*******
0.825	*******	-0.1391	-0.0888	-0.1233	-0.6945
0.850	-0.0948	-0.1383	-0.1061	-0.1443	*******
0.875	*******	-0.1465	-0.1247	-0.1699	-0.6934
0.900	-0.0742	-0.1431	-0.1384	-0.1953	-0.4968
0.925	*******	-0.1399	-0.1533	-0.2154	-0.6666
0.950	-0.0318	-0.1245	-0.1543	-0.2249	*******
0.975	*******	-0.0851	-0.1224	*******	-0.3454
1.000	0.1952	0.1580	0.1457	0.1082	0.0238
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0230	0.0406	0.1250	*******	-0.6604
-0.400	*******	0.0402	0.0873	-0.0696	-0.6986
-0.600	-0.0207	0.0293	0.0649	-0.0462	-0.6888
-0.700	-0.0035	0.0100	0.0486	-0.0403	-0.6694
-0.800	*******	*******	0.0251	-0.0431	-0.6399
-0.850	0.0537	0.0024	0.0163	-0.0474	-0.6589
-0.900	*******	0.0249	0.0217	-0.0539	-0.7138
-0.950	0.1197	0.0778	0.0595	-0.0184	-0.3160
-0.975	*******	0.1345	0.1234	0.0392	-0.1672
-1.000	0.1725	0.1590	0.1599	0.1257	0.0114



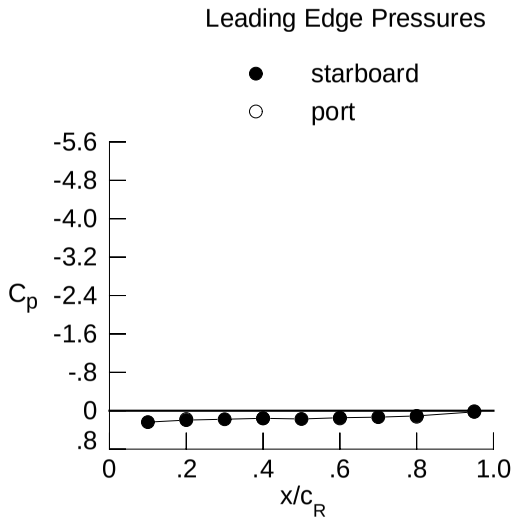
Large Radius L.E.

Run No. = 74 , Point No. = 1553

C_N = 0.062, C_m = -0.0095

α = 1.6 °, M_∞ = 0.899

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

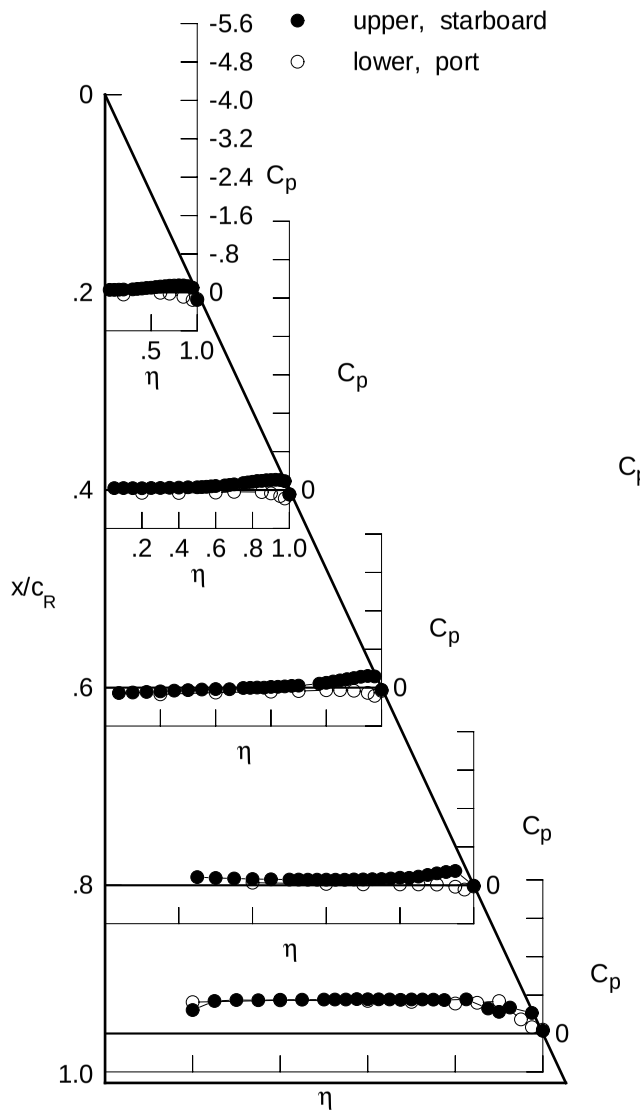


x/c_R	starb'd C_p	port C_p
0.10	0.2377	*******
0.20	0.1952	0.1725
0.30	0.1772	*******
0.40	0.1580	0.1590
0.50	0.1717	*******
0.60	0.1457	0.1599
0.70	0.1339	*******
0.80	0.1082	0.1257
0.90	*******	*******
0.95	0.0238	0.0114

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	-0.0525	-0.0397	0.1122	*******	*******
0.100	-0.0524	-0.0407	0.1014	*******	*******
0.150	-0.0557	-0.0392	0.0895	*******	*******
0.200	-0.0593	-0.0374	0.0774	*******	-0.4885
0.250	*******	-0.0426	0.0628	-0.1700	-0.6776
0.300	-0.0632	-0.0433	0.0517	-0.1521	-0.6974
0.350	-0.0725	-0.0475	0.0393	-0.1419	-0.6935
0.400	-0.0802	-0.0501	0.0299	-0.1300	-0.7033
0.450	-0.0921	-0.0575	0.0328	-0.1249	-0.7052
0.500	-0.0975	-0.0575	0.0075	-0.1193	-0.7068
0.525	*******	-0.0622	0.0037	-0.1193	-0.7077
0.550	-0.1115	-0.0682	-0.0014	-0.1167	-0.7083
0.575	*******	-0.0772	0.0009	-0.1171	-0.7164
0.600	-0.1219	-0.0840	-0.0153	-0.1176	-0.7135
0.625	*******	*******	-0.0173	-0.1161	-0.7120
0.650	-0.1287	-0.0969	-0.0255	-0.1161	-0.7098
0.675	*******	-0.1054	-0.0366	-0.1217	-0.7018
0.700	-0.1393	-0.1180	-0.0418	-0.1221	-0.7093
0.725	*******	*******	*******	-0.1275	-0.7092
0.750	-0.1422	-0.1447	*******	-0.1301	-0.7056
0.775	*******	-0.1590	-0.0825	-0.1416	-0.6978
0.800	-0.1469	-0.1724	-0.1006	-0.1577	*******
0.825	*******	-0.1877	-0.1278	-0.1549	-0.7112
0.850	-0.1446	-0.1908	-0.1509	-0.1812	*******
0.875	*******	-0.2045	-0.1767	-0.2151	-0.5208
0.900	-0.1296	-0.2078	-0.1995	-0.2491	-0.4511
0.925	*******	-0.2139	-0.2260	-0.2767	-0.5406
0.950	-0.0972	-0.2085	-0.2428	-0.2988	*******
0.975	*******	-0.1851	-0.2334	*******	-0.4291
1.000	0.1572	0.0845	0.0453	0.0078	-0.0550
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0440	0.0587	0.1391	*******	-0.6538
-0.400	*******	0.0605	0.1024	-0.0542	-0.6916
-0.600	0.0076	0.0528	0.0842	-0.0292	-0.6792
-0.700	0.0265	0.0373	0.0710	-0.0202	-0.6596
-0.800	*******	*******	0.0538	-0.0182	-0.6245
-0.850	0.0924	0.0424	0.0512	-0.0180	-0.6400
-0.900	*******	0.0696	0.0638	-0.0152	-0.6763
-0.950	0.1578	0.1250	0.1088	0.0307	-0.2945
-0.975	*******	0.1758	0.1704	0.0889	-0.1315
-1.000	0.1366	0.0948	0.0684	0.0248	-0.0798

Surface Pressures



Large Radius L.E.

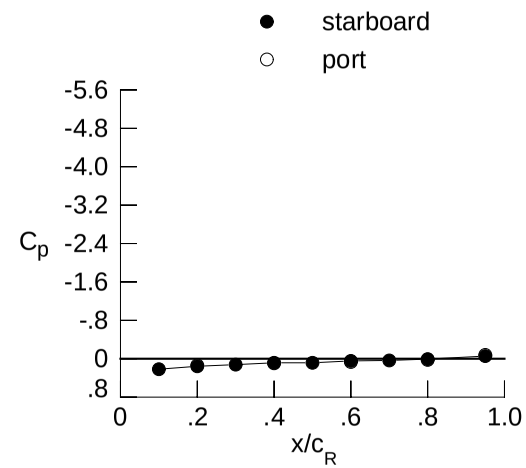
Run No. = 74 , Point No. = 1554

C_N = 0.107, C_m = -0.0174

α = 2.6 °, M_∞ = 0.900

R_{mac} = 60.2×10^6

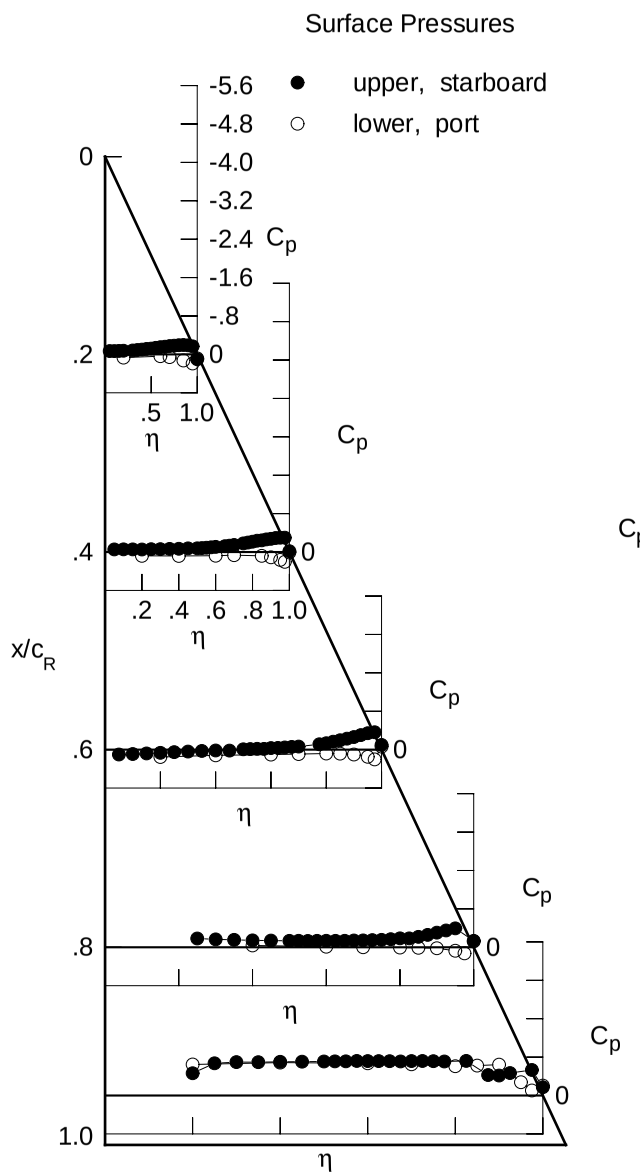
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2182	*******
0.20	0.1572	0.1366
0.30	0.1228	*******
0.40	0.0845	0.0948
0.50	0.0849	*******
0.60	0.0453	0.0684
0.70	0.0357	*******
0.80	0.0078	0.0248
0.90	*******	*******
0.95	-0.0550	-0.0798

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	-0.0695	-0.0546	0.1019	*******	*******
0.100	-0.0687	-0.0560	0.0911	*******	*******
0.150	-0.0720	-0.0554	0.0795	*******	*******
0.200	-0.0761	-0.0528	0.0664	*******	-0.4642
0.250	*******	-0.0592	0.0518	-0.1831	-0.6712
0.300	-0.0813	-0.0601	0.0399	-0.1651	-0.6962
0.350	-0.0911	-0.0653	0.0275	-0.1556	-0.6941
0.400	-0.1004	-0.0680	0.0176	-0.1439	-0.7026
0.450	-0.1135	-0.0767	0.0202	-0.1399	-0.7050
0.500	-0.1208	-0.0776	-0.0071	-0.1346	-0.7085
0.525	*******	-0.0827	-0.0118	-0.1352	-0.7113
0.550	-0.1372	-0.0897	-0.0177	-0.1321	-0.7116
0.575	*******	-0.0987	-0.0159	-0.1343	-0.7199
0.600	-0.1506	-0.1077	-0.0331	-0.1349	-0.7173
0.625	*******	*******	-0.0357	-0.1341	-0.7164
0.650	-0.1598	-0.1219	-0.0455	-0.1352	-0.7154
0.675	*******	-0.1329	-0.0570	-0.1413	-0.7098
0.700	-0.1738	-0.1474	-0.0640	-0.1433	-0.7172
0.725	*******	*******	*******	-0.1495	-0.7188
0.750	-0.1814	-0.1797	*******	-0.1550	-0.7154
0.775	*******	-0.1979	-0.1120	-0.1688	-0.7089
0.800	-0.1911	-0.2150	-0.1337	-0.1865	*******
0.825	*******	-0.2357	-0.1655	-0.1858	-0.7205
0.850	-0.1963	-0.2436	-0.1957	-0.2173	*******
0.875	*******	-0.2632	-0.2291	-0.2587	-0.4263
0.900	-0.1891	-0.2750	-0.2626	-0.3049	-0.4164
0.925	*******	-0.2919	-0.3032	-0.3506	-0.4679
0.950	-0.1683	-0.2984	-0.3422	-0.3944	*******
0.975	*******	-0.2995	-0.3621	*******	-0.5322
1.000	0.1012	-0.0178	-0.0982	-0.1344	-0.1726
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.0672	0.0789	0.1539	*******	-0.6463
-0.400	*******	0.0817	0.1185	-0.0383	-0.6857
-0.600	0.0378	0.0766	0.1033	-0.0121	-0.6709
-0.700	0.0568	0.0653	0.0921	-0.0010	-0.6502
-0.800	*******	*******	0.0809	0.0060	-0.6101
-0.850	0.1273	0.0795	0.0834	0.0106	-0.6233
-0.900	*******	0.1099	0.1016	0.0203	-0.6432
-0.950	0.1899	0.1641	0.1489	0.0723	-0.2769
-0.975	*******	0.2044	0.2033	0.1267	-0.1051
-1.000	0.0831	0.0086	-0.0634	-0.1224	-0.2064



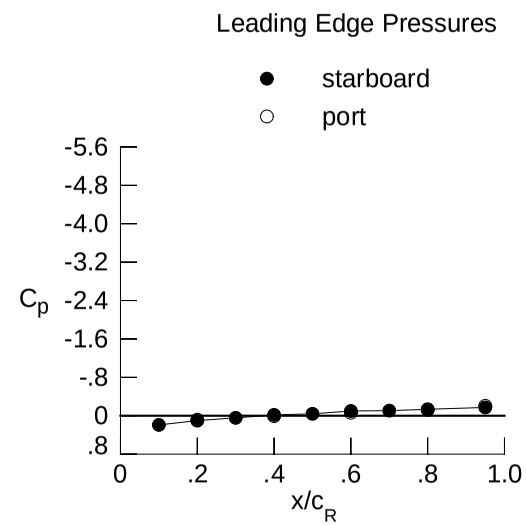
Large Radius L.E.

Run No. = 74 , Point No. = 1555

C_N = 0.150, C_m = -0.0251

α = 3.7 °, M_∞ = 0.899

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

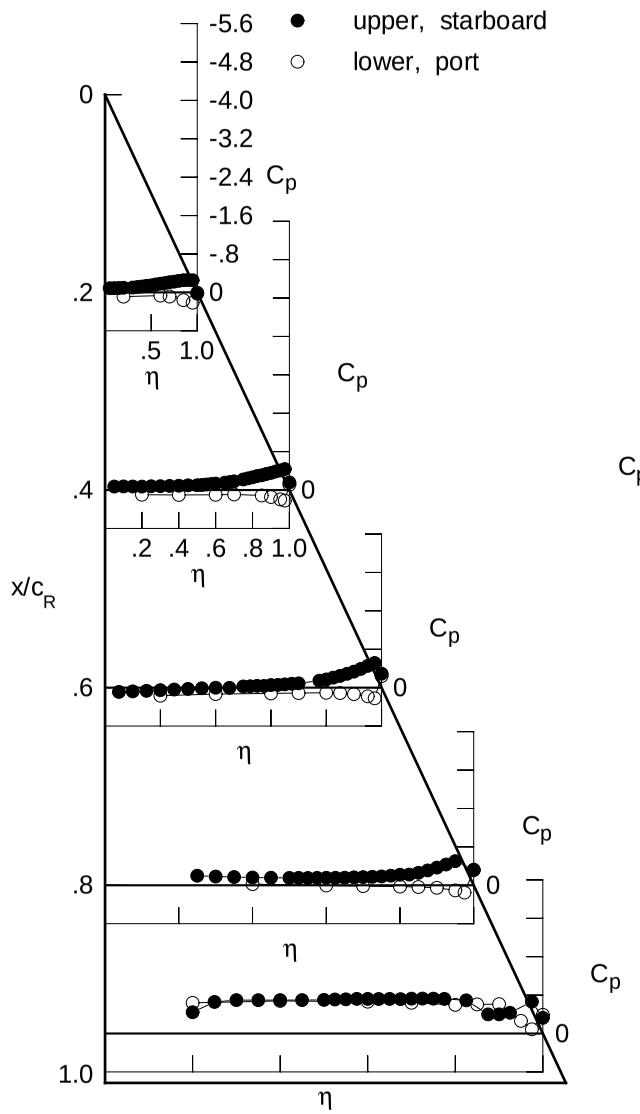


x/c_R	starb'd Cp	port Cp
0.10	0.1913	*******
0.20	0.1012	0.0831
0.30	0.0443	*******
0.40	-0.0178	0.0086
0.50	-0.0397	*******
0.60	-0.0982	-0.0634
0.70	-0.1064	*******
0.80	-0.1344	-0.1224
0.90	*******	*******
0.95	-0.1726	-0.2064

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	-0.0871	-0.0727	0.0891	*******	*******
0.100	-0.0877	-0.0751	0.0780	*******	*******
0.150	-0.0918	-0.0740	0.0667	*******	*******
0.200	-0.0964	-0.0723	0.0528	*******	-0.4436
0.250	*******	-0.0787	0.0388	-0.1996	-0.6580
0.300	-0.1011	-0.0798	0.0264	-0.1824	-0.6957
0.350	-0.1122	-0.0859	0.0132	-0.1721	-0.6945
0.400	-0.1228	-0.0892	0.0019	-0.1617	-0.6964
0.450	-0.1373	-0.0984	0.0040	-0.1578	-0.6964
0.500	-0.1466	-0.1001	-0.0247	-0.1534	-0.7003
0.525	*******	-0.1059	-0.0291	-0.1542	-0.7088
0.550	-0.1653	-0.1151	-0.0370	-0.1522	-0.7118
0.575	*******	-0.1251	-0.0354	-0.1545	-0.7218
0.600	-0.1816	-0.1345	-0.0537	-0.1560	-0.7204
0.625	*******	*******	-0.0568	-0.1563	-0.7195
0.650	-0.1943	-0.1533	-0.0682	-0.1577	-0.7210
0.675	*******	-0.1653	-0.0810	-0.1652	-0.7163
0.700	-0.2120	-0.1814	-0.0899	-0.1697	-0.7261
0.725	*******	*******	*******	-0.1766	-0.7280
0.750	-0.2242	-0.2201	*******	-0.1843	-0.7262
0.775	*******	-0.2429	-0.1452	-0.1997	-0.7215
0.800	-0.2405	-0.2650	-0.1712	-0.2203	*******
0.825	*******	-0.2913	-0.2084	-0.2232	-0.6914
0.850	-0.2537	-0.3074	-0.2450	-0.2601	*******
0.875	*******	-0.3342	-0.2883	-0.3098	-0.3988
0.900	-0.2578	-0.3567	-0.3340	-0.3681	-0.3990
0.925	*******	-0.3860	-0.3905	-0.4324	-0.4319
0.950	-0.2525	-0.4077	-0.4533	-0.5031	*******
0.975	*******	-0.4373	-0.5137	*******	-0.6629
1.000	0.0247	-0.1585	-0.2908	-0.3254	-0.3267
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0890	0.0977	0.1679	*******	-0.6387
-0.400	*******	0.1022	0.1333	-0.0240	-0.6789
-0.600	0.0662	0.0993	0.1203	0.0041	-0.6628
-0.700	0.0867	0.0918	0.1126	0.0172	-0.6407
-0.800	*******	*******	0.1066	0.0270	-0.5969
-0.850	0.1616	0.1136	0.1130	0.0363	-0.6062
-0.900	*******	0.1456	0.1351	0.0518	-0.6117
-0.950	0.2148	0.1947	0.1810	0.1060	-0.2634
-0.975	*******	0.2202	0.2222	0.1518	-0.0876
-1.000	0.0049	-0.1109	-0.2416	-0.3135	-0.3886

Surface Pressures



Large Radius L.E.

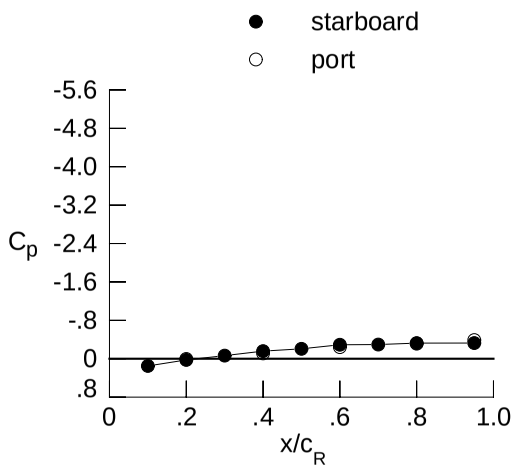
Run No. = 74 , Point No. = 1556

C_N = 0.196, C_m = -0.0331

α = 4.7 °, M_∞ = 0.899

R_{mac} = 60.3×10^6

Leading Edge Pressures

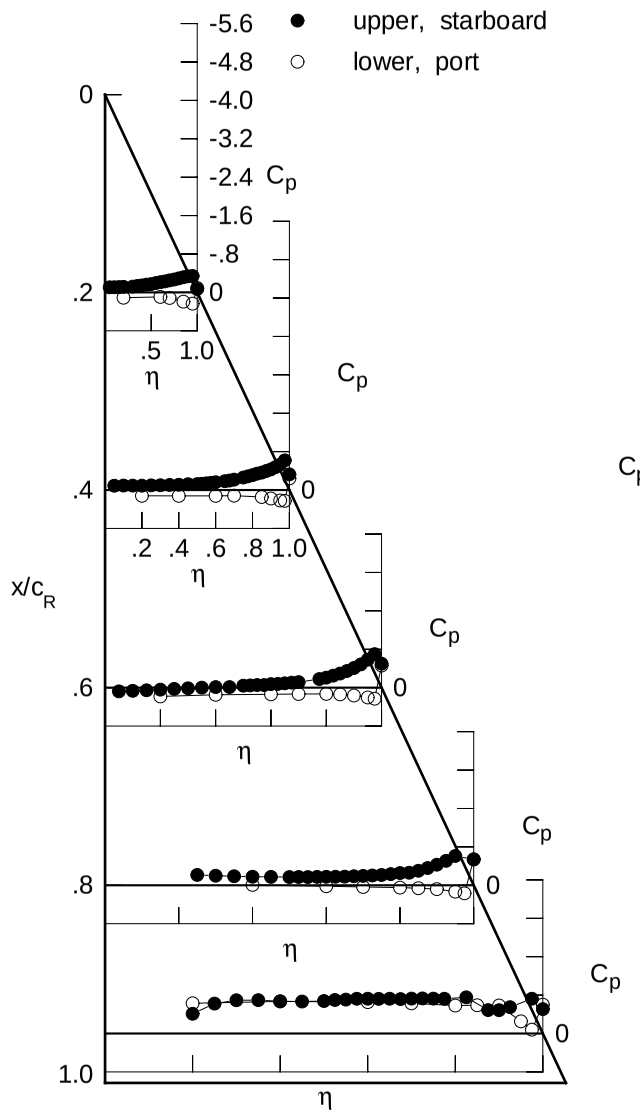


x/c_R	starb'd C_p	port C_p
0.10	0.1504	*******
0.20	0.0247	0.0049
0.30	-0.0646	*******
0.40	-0.1585	-0.1109
0.50	-0.2065	*******
0.60	-0.2908	-0.2416
0.70	-0.2955	*******
0.80	-0.3254	-0.3135
0.90	*******	*******
0.95	-0.3267	-0.3886

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	-0.1061	-0.0906	0.0778	*******	*******
0.100	-0.1071	-0.0933	0.0665	*******	*******
0.150	-0.1104	-0.0923	0.0549	*******	*******
0.200	-0.1162	-0.0914	0.0415	*******	-0.4113
0.250	*******	-0.0975	0.0262	-0.2163	-0.6233
0.300	-0.1209	-0.1001	0.0133	-0.1989	-0.6927
0.350	-0.1332	-0.1062	-0.0001	-0.1883	-0.6952
0.400	-0.1453	-0.1102	-0.0124	-0.1788	-0.6715
0.450	-0.1615	-0.1205	-0.0120	-0.1755	-0.6665
0.500	-0.1731	-0.1239	-0.0409	-0.1716	-0.6771
0.525	*******	-0.1304	-0.0464	-0.1727	-0.6987
0.550	-0.1933	-0.1399	-0.0545	-0.1714	-0.7066
0.575	*******	-0.1514	-0.0536	-0.1749	-0.7239
0.600	-0.2124	-0.1624	-0.0739	-0.1765	-0.7244
0.625	*******	*******	-0.0776	-0.1778	-0.7214
0.650	-0.2287	-0.1843	-0.0907	-0.1802	-0.7248
0.675	*******	-0.1979	-0.1044	-0.1883	-0.7165
0.700	-0.2502	-0.2165	-0.1151	-0.1950	-0.7271
0.725	*******	*******	*******	-0.2039	-0.7309
0.750	-0.2678	-0.2603	*******	-0.2142	-0.7266
0.775	*******	-0.2857	-0.1790	-0.2325	-0.7243
0.800	-0.2921	-0.3106	-0.2080	-0.2552	*******
0.825	*******	-0.3416	-0.2497	-0.2617	-0.7534
0.850	-0.3158	-0.3632	-0.2934	-0.3020	*******
0.875	*******	-0.3978	-0.3470	-0.3593	-0.4879
0.900	-0.3349	-0.4301	-0.4091	-0.4290	-0.4854
0.925	*******	-0.4779	-0.4837	-0.5096	-0.5489
0.950	-0.3416	-0.5289	-0.5827	-0.6108	*******
0.975	*******	-0.6181	-0.6972	*******	-0.7247
1.000	-0.0702	-0.3268	-0.4984	-0.5392	-0.5082
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1112	0.1198	0.1828	*******	-0.6296
-0.400	*******	0.1217	0.1489	-0.0077	-0.6690
-0.600	0.0941	0.1217	0.1389	0.0199	-0.6533
-0.700	0.1160	0.1171	0.1325	0.0348	-0.6289
-0.800	*******	*******	0.1307	0.0485	-0.5823
-0.850	0.1928	0.1455	0.1404	0.0606	-0.5891
-0.900	*******	0.1764	0.1639	0.0802	-0.5839
-0.950	0.2346	0.2177	0.2048	0.1331	-0.2535
-0.975	*******	0.2258	0.2305	0.1669	-0.0798
-1.000	-0.0911	-0.2419	-0.4597	-0.5405	-0.6004

Surface Pressures



Large Radius L.E.

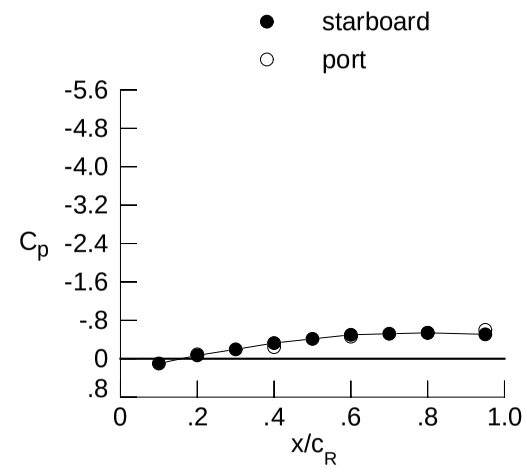
Run No. = 74 , Point No. = 1557

C_N = 0.245, C_m = -0.0435

α = 5.8 °, M_∞ = 0.900

R_{mac} = 60.3×10^6

Leading Edge Pressures

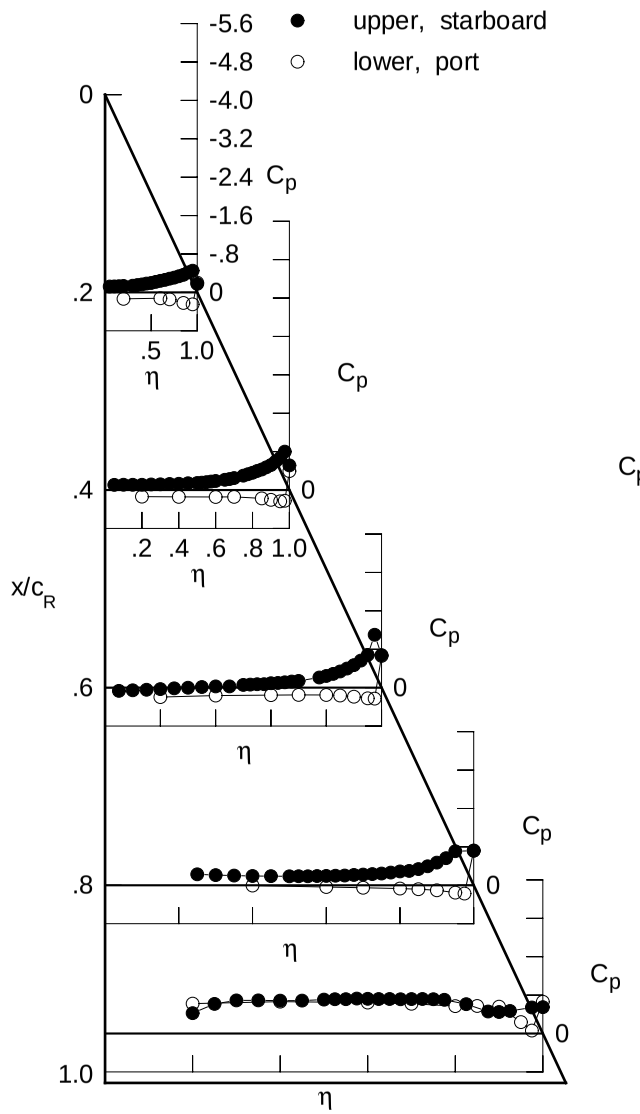


x/c_R	starb'd C_p	port C_p
0.10	0.0996	*******
0.20	-0.0702	-0.0911
0.30	-0.1951	*******
0.40	-0.3268	-0.2419
0.50	-0.4137	*******
0.60	-0.4984	-0.4597
0.70	-0.5207	*******
0.80	-0.5392	-0.5405
0.90	*******	*******
0.95	-0.5082	-0.6004

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	-0.1227	-0.1077	0.0673	*******	*******
0.100	-0.1247	-0.1108	0.0555	*******	*******
0.150	-0.1286	-0.1099	0.0437	*******	*******
0.200	-0.1341	-0.1098	0.0303	*******	-0.4237
0.250	*******	-0.1159	0.0147	-0.2290	-0.6170
0.300	-0.1390	-0.1189	0.0014	-0.2124	-0.6897
0.350	-0.1525	-0.1261	-0.0129	-0.2026	-0.6906
0.400	-0.1657	-0.1307	-0.0254	-0.1933	-0.6848
0.450	-0.1838	-0.1420	-0.0258	-0.1900	-0.6858
0.500	-0.1960	-0.1463	-0.0564	-0.1873	-0.7067
0.525	*******	-0.1535	-0.0628	-0.1888	-0.7145
0.550	-0.2190	-0.1642	-0.0710	-0.1877	-0.7155
0.575	*******	-0.1771	-0.0721	-0.1924	-0.7276
0.600	-0.2408	-0.1888	-0.0923	-0.1955	-0.7229
0.625	*******	*******	-0.0973	-0.1990	-0.7182
0.650	-0.2608	-0.2139	-0.1112	-0.2034	-0.7188
0.675	*******	-0.2286	-0.1275	-0.2153	-0.7133
0.700	-0.2855	-0.2499	-0.1401	-0.2232	-0.7173
0.725	*******	*******	*******	-0.2333	-0.7189
0.750	-0.3074	-0.2994	*******	-0.2448	-0.7146
0.775	*******	-0.3293	-0.2111	-0.2648	-0.7021
0.800	-0.3356	-0.3595	-0.2433	-0.2889	*******
0.825	*******	-0.3965	-0.2864	-0.2991	-0.6115
0.850	-0.3653	-0.4282	-0.3365	-0.3372	*******
0.875	*******	-0.4732	-0.3977	-0.3956	-0.4585
0.900	-0.4161	-0.5211	-0.4687	-0.4720	-0.4482
0.925	*******	-0.5929	-0.5634	-0.5650	-0.4698
0.950	-0.4522	-0.6672	-0.6816	-0.7094	*******
0.975	*******	-0.7999	-1.1018	*******	-0.5424
1.000	-0.1773	-0.5135	-0.6779	-0.7193	-0.5487
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1341	0.1372	0.1966	*******	-0.6228
-0.400	*******	0.1425	0.1651	0.0058	-0.6635
-0.600	0.1220	0.1445	0.1559	0.0360	-0.6444
-0.700	0.1444	0.1424	0.1515	0.0515	-0.6202
-0.800	*******	*******	0.1527	0.0681	-0.5706
-0.850	0.2203	0.1741	0.1644	0.0815	-0.5738
-0.900	*******	0.2038	0.1888	0.1036	-0.5592
-0.950	0.2490	0.2349	0.2221	0.1529	-0.2376
-0.975	*******	0.2230	0.2291	0.1720	-0.0617
-1.000	-0.2028	-0.3942	-0.6607	-0.7243	-0.6617

Surface Pressures



Large Radius L.E.

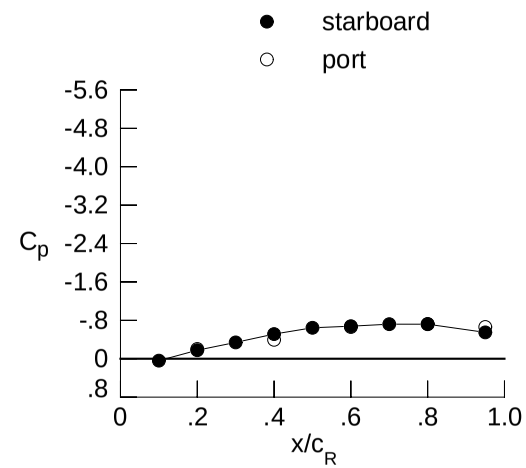
Run No. = 74 , Point No. = 1558

C_N = 0.287, C_m = -0.0497

α = 6.9 °, M_∞ = 0.898

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

Leading Edge Pressures

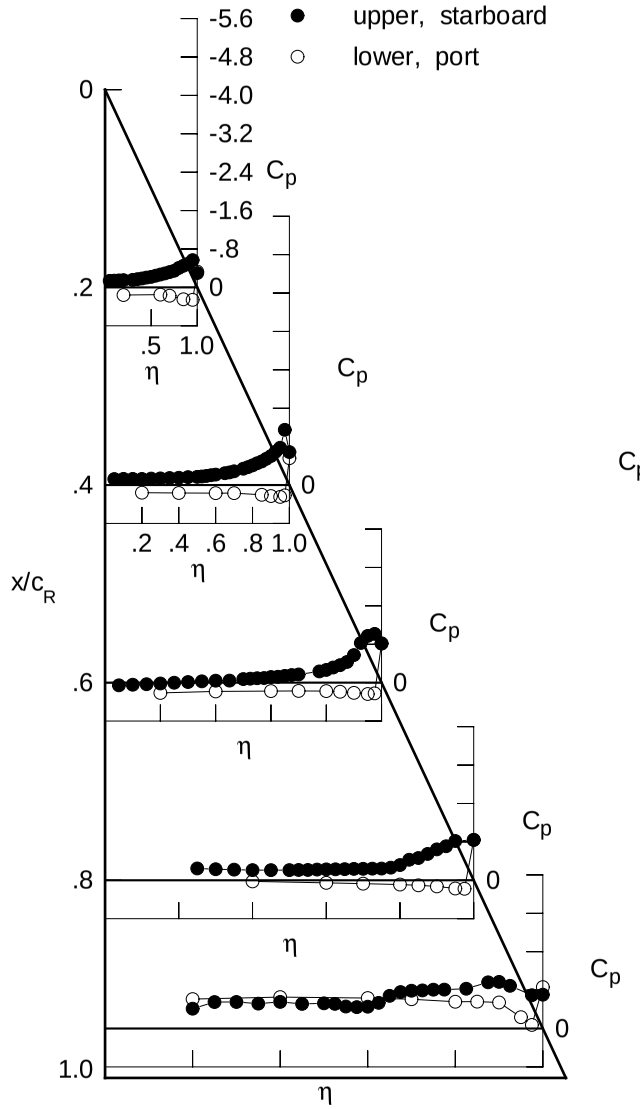


x/c_R	starb'd C_p	port C_p
0.10	0.0400	*******
0.20	-0.1773	-0.2028
0.30	-0.3401	*******
0.40	-0.5135	-0.3942
0.50	-0.6449	*******
0.60	-0.6779	-0.6607
0.70	-0.7197	*******
0.80	-0.7193	-0.7243
0.90	*******	*******
0.95	-0.5487	-0.6617

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	-0.1364	-0.1250	0.0559	*******	*******
0.100	-0.1411	-0.1288	0.0434	*******	*******
0.150	-0.1457	-0.1283	0.0325	*******	*******
0.200	-0.1514	-0.1271	0.0176	*******	-0.4124
0.250	*******	-0.1345	0.0017	-0.2462	-0.5516
0.300	-0.1567	-0.1381	-0.0125	-0.2303	-0.5526
0.350	-0.1715	-0.1461	-0.0273	-0.2216	-0.5183
0.400	-0.1858	-0.1520	-0.0408	-0.2118	-0.5542
0.450	-0.2049	-0.1647	-0.0424	-0.2114	-0.5127
0.500	-0.2190	-0.1705	-0.0742	-0.2118	-0.5247
0.525	*******	-0.1783	-0.0827	-0.2148	-0.5136
0.550	-0.2439	-0.1899	-0.0923	-0.2152	-0.4574
0.575	*******	-0.2046	-0.0962	-0.2235	-0.4457
0.600	-0.2683	-0.2175	-0.1174	-0.2274	-0.4541
0.625	*******	*******	-0.1227	-0.2285	-0.5347
0.650	-0.2910	-0.2463	-0.1406	-0.2322	-0.6809
0.675	*******	-0.2630	-0.1583	-0.2380	-0.7591
0.700	-0.3190	-0.2864	-0.1707	-0.2389	-0.7871
0.725	*******	*******	*******	-0.2420	-0.7940
0.750	-0.3465	-0.3400	*******	-0.2441	-0.8088
0.775	*******	-0.3725	-0.2336	-0.2631	-0.8102
0.800	-0.4047	-0.4094	-0.2647	-0.3173	*******
0.825	*******	-0.4536	-0.3152	-0.4278	-0.8286
0.850	-0.4503	-0.4917	-0.3639	-0.4638	*******
0.875	*******	-0.5468	-0.4303	-0.5485	-0.9627
0.900	-0.4912	-0.6050	-0.5746	-0.6441	-0.9716
0.925	*******	-0.6941	-0.8263	-0.7087	-0.8898
0.950	-0.5677	-0.7766	-0.9736	-0.8185	*******
0.975	*******	-1.1508	-1.0159	*******	-0.6935
1.000	-0.2986	-0.6872	-0.8145	-0.8398	-0.7050
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1590	0.1593	0.2142	*******	-0.6132
-0.400	*******	0.1659	0.1828	0.0230	-0.6546
-0.600	0.1510	0.1688	0.1762	0.0535	-0.6344
-0.700	0.1738	0.1687	0.1729	0.0702	-0.6098
-0.800	*******	*******	0.1762	0.0890	-0.5577
-0.850	0.2480	0.2035	0.1894	0.1044	-0.5603
-0.900	*******	0.2296	0.2127	0.1274	-0.5420
-0.950	0.2592	0.2476	0.2364	0.1710	-0.2362
-0.975	*******	0.2141	0.2231	0.1767	-0.0743
-1.000	-0.3278	-0.5589	-0.8176	-0.8428	-0.8620

Surface Pressures



Large Radius L.E.

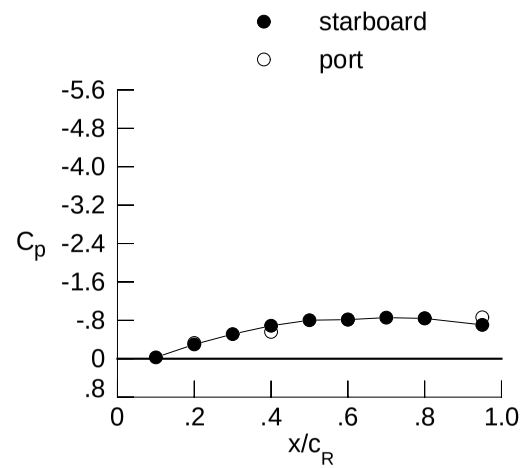
Run No. = 74 , Point No. = 1559

C_N = 0.350, C_m = -0.0672

α = 7.9 °, M_∞ = 0.897

R_{mac} = 60.2×10^6

Leading Edge Pressures

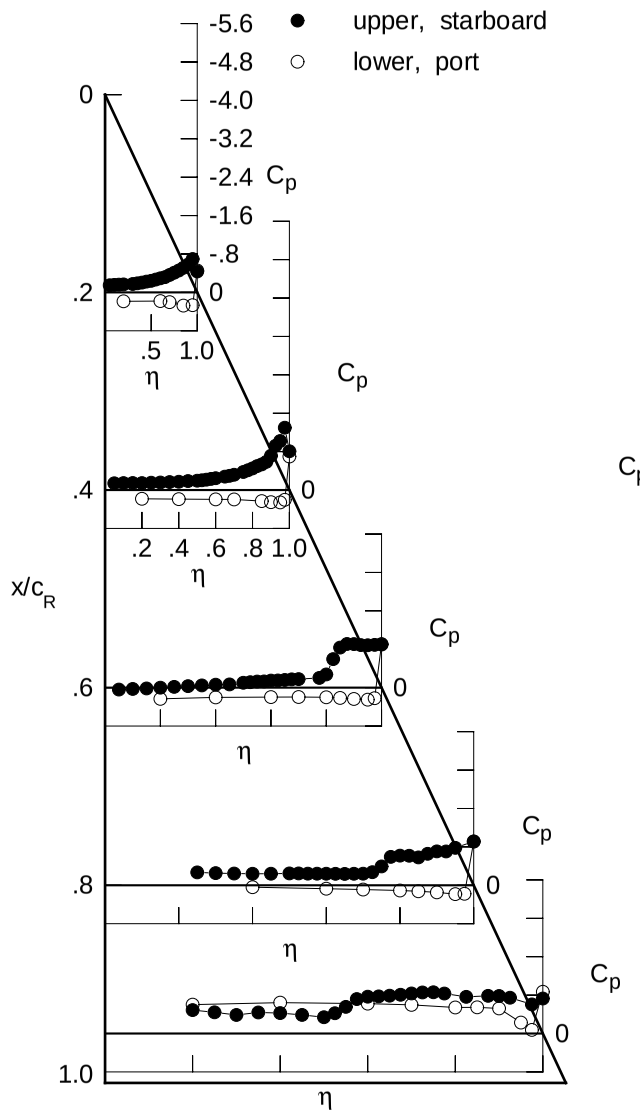


x/c_R	starb'd C_p	port C_p
0.10	-0.0280	*******
0.20	-0.2986	-0.3278
0.30	-0.5131	*******
0.40	-0.6872	-0.5589
0.50	-0.8025	*******
0.60	-0.8145	-0.8176
0.70	-0.8563	*******
0.80	-0.8398	-0.8428
0.90	*******	*******
0.95	-0.7050	-0.8620

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	-0.1485	-0.1410	0.0401	*******	*******
0.100	-0.1562	-0.1452	0.0274	*******	*******
0.150	-0.1618	-0.1468	0.0168	*******	*******
0.200	-0.1665	-0.1446	0.0010	*******	-0.4880
0.250	*******	-0.1527	-0.0158	-0.2688	-0.4415
0.300	-0.1742	-0.1570	-0.0311	-0.2534	-0.3866
0.350	-0.1889	-0.1662	-0.0465	-0.2448	-0.4382
0.400	-0.2042	-0.1727	-0.0619	-0.2400	-0.4259
0.450	-0.2245	-0.1872	-0.0672	-0.2407	-0.3874
0.500	-0.2405	-0.1945	-0.1017	-0.2472	-0.3392
0.525	*******	-0.2036	-0.1133	-0.2473	-0.4227
0.550	-0.2670	-0.2164	-0.1272	-0.2427	-0.5550
0.575	*******	-0.2322	-0.1293	-0.2412	-0.7175
0.600	-0.2935	-0.2464	-0.1473	-0.2408	-0.7674
0.625	*******	*******	-0.1497	-0.2390	-0.7736
0.650	-0.3179	-0.2792	-0.1601	-0.2367	-0.7879
0.675	*******	-0.2961	-0.1726	-0.2402	-0.8069
0.700	-0.3634	-0.3180	-0.1780	-0.2415	-0.8342
0.725	*******	*******	*******	-0.2725	-0.8554
0.750	-0.4098	-0.3760	*******	-0.3925	-0.8590
0.775	*******	-0.4122	-0.2023	-0.5917	-0.8325
0.800	-0.4560	-0.4508	-0.2753	-0.6173	*******
0.825	*******	-0.4983	-0.5948	-0.6153	-0.7638
0.850	-0.5118	-0.5345	-0.8345	-0.5807	*******
0.875	*******	-0.5869	-0.9094	-0.6557	-0.7851
0.900	-0.5785	-0.7154	-0.9071	-0.7064	-0.7819
0.925	*******	-0.9221	-0.8867	-0.7051	-0.7459
0.950	-0.6949	-1.0216	-0.8831	-0.7801	*******
0.975	*******	-1.2982	-0.8915	*******	-0.6065
1.000	-0.4357	-0.8081	-0.8978	-0.9137	-0.7288
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1857	0.1828	0.2335	*******	-0.6015
-0.400	*******	0.1893	0.2031	0.0397	-0.6430
-0.600	0.1809	0.1943	0.1972	0.0714	-0.6220
-0.700	0.2032	0.1961	0.1953	0.0888	-0.5967
-0.800	*******	*******	0.2006	0.1088	-0.5423
-0.850	0.2752	0.2303	0.2143	0.1244	-0.5454
-0.900	*******	0.2529	0.2361	0.1473	-0.5220
-0.950	0.2660	0.2580	0.2505	0.1843	-0.2281
-0.975	*******	0.2036	0.2202	0.1768	-0.0753
-1.000	-0.4561	-0.6981	-0.9082	-0.9101	-0.8697

Surface Pressures



Large Radius L.E.

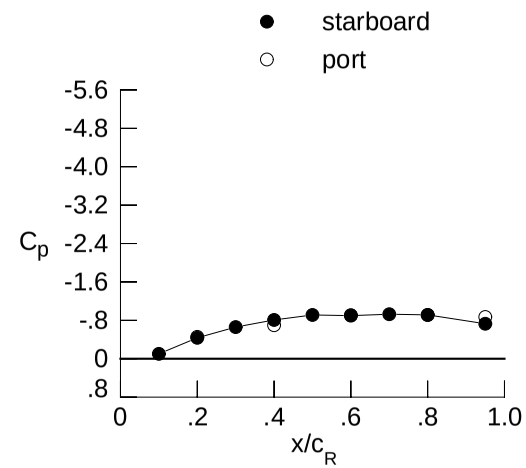
Run No. = 74 , Point No. = 1560

C_N = 0.405, C_m = -0.0776

α = 9.0 °, M_∞ = 0.899

R_{mac} = 60.3×10^6

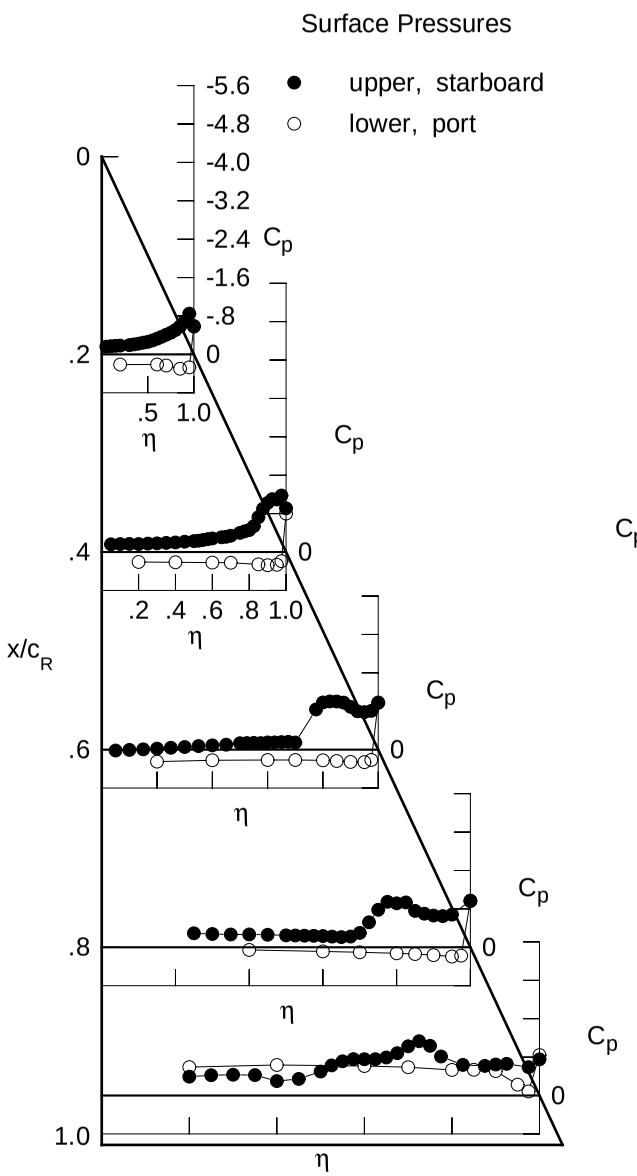
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.1018	*******
0.20	-0.4357	-0.4561
0.30	-0.6592	*******
0.40	-0.8081	-0.6981
0.50	-0.9118	*******
0.60	-0.8978	-0.9082
0.70	-0.9273	*******
0.80	-0.9137	-0.9101
0.90	*******	*******
0.95	-0.7288	-0.8697

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	-0.1614	-0.1606	0.0184	*******	*******
0.100	-0.1703	-0.1658	0.0053	*******	*******
0.150	-0.1782	-0.1685	-0.0057	*******	*******
0.200	-0.1836	-0.1664	-0.0216	*******	-0.3918
0.250	*******	-0.1760	-0.0393	-0.2912	-0.4224
0.300	-0.1923	-0.1808	-0.0544	-0.2765	-0.4325
0.350	-0.2077	-0.1906	-0.0744	-0.2668	-0.4248
0.400	-0.2237	-0.1992	-0.0893	-0.2672	-0.3001
0.450	-0.2443	-0.2156	-0.1033	-0.2610	-0.3455
0.500	-0.2610	-0.2270	-0.1332	-0.2479	-0.4995
0.525	*******	-0.2364	-0.1371	-0.2460	-0.6270
0.550	-0.2895	-0.2513	-0.1409	-0.2414	-0.7127
0.575	*******	-0.2682	-0.1357	-0.2389	-0.7579
0.600	-0.3265	-0.2834	-0.1503	-0.2338	-0.7560
0.625	*******	*******	-0.1507	-0.2221	-0.7564
0.650	-0.3676	-0.3070	-0.1570	-0.2124	-0.7918
0.675	*******	-0.3188	-0.1627	-0.2236	-0.8816
0.700	-0.4099	-0.3404	-0.1477	-0.2990	-1.0254
0.725	*******	*******	*******	-0.5210	-1.1316
0.750	-0.4516	-0.3990	*******	-0.7816	-1.0350
0.775	*******	-0.4312	-0.8366	-0.9475	-0.8131
0.800	-0.5073	-0.4576	-0.9829	-0.9157	*******
0.825	*******	-0.5392	-1.0043	-0.9346	-0.6373
0.850	-0.5848	-0.7254	-1.0032	-0.7584	*******
0.875	*******	-0.9005	-0.9803	-0.6996	-0.6170
0.900	-0.6805	-1.0236	-0.8919	-0.6611	-0.6459
0.925	*******	-1.1019	-0.7985	-0.6495	-0.6601
0.950	-0.8494	-1.0948	-0.7808	-0.6801	*******
0.975	*******	-1.1766	-0.8078	*******	-0.5907
1.000	-0.5791	-0.9115	-0.9757	-0.9726	-0.7534
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2118	0.2073	0.2499	*******	-0.5922
-0.400	*******	0.2138	0.2215	0.0554	-0.6358
-0.600	0.2107	0.2201	0.2161	0.0864	-0.6143
-0.700	0.2324	0.2229	0.2158	0.1039	-0.5894
-0.800	*******	*******	0.2225	0.1252	-0.5324
-0.850	0.2995	0.2567	0.2367	0.1405	-0.5356
-0.900	*******	0.2748	0.2557	0.1632	-0.5086
-0.950	0.2694	0.2654	0.2604	0.1929	-0.2260
-0.975	*******	0.1903	0.2148	0.1743	-0.0842
-1.000	-0.5918	-0.8011	-0.9807	-0.9605	-0.8424



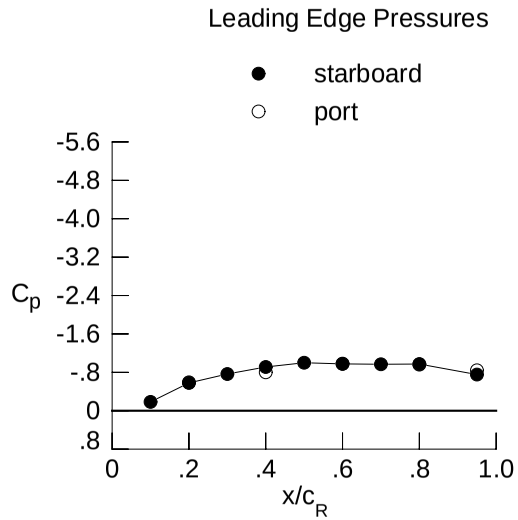
Large Radius L.E.

Run No. = 74 , Point No. = 1561

C_N = 0.467, C_m = -0.0907

α = 10.0 °, M_∞ = 0.899

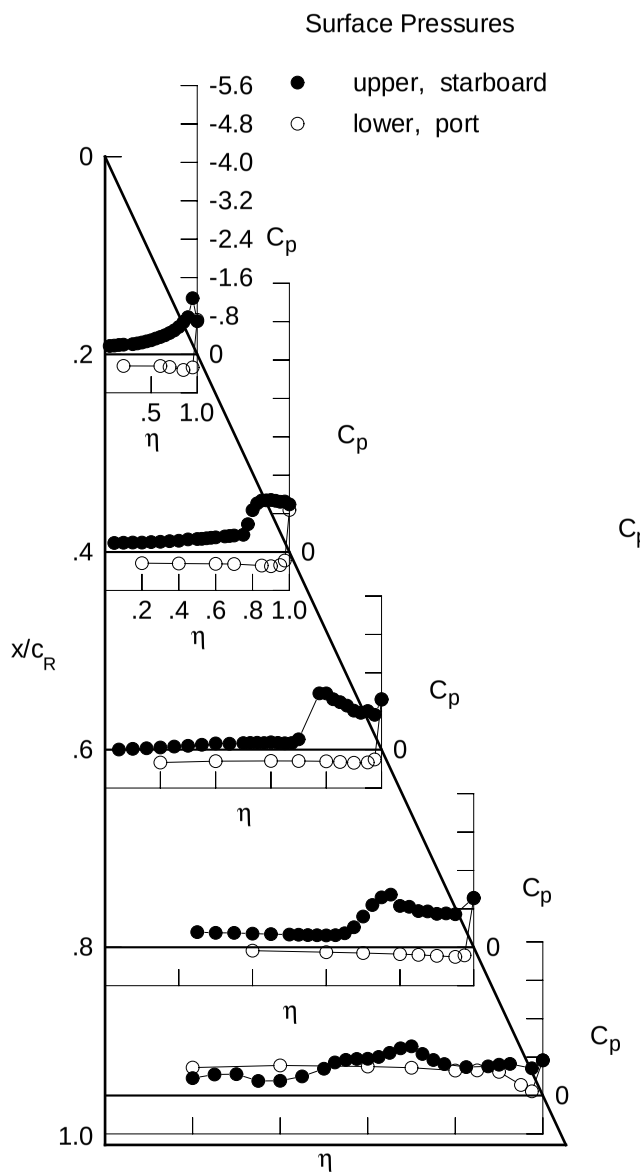
R_{mac} = 60.2×10^6



x/c_R	starb'd Cp	port Cp
0.10	-0.1838	*******
0.20	-0.5791	-0.5918
0.30	-0.7652	*******
0.40	-0.9115	-0.8011
0.50	-0.9997	*******
0.60	-0.9757	-0.9807
0.70	-0.9680	*******
0.80	-0.9726	-0.9605
0.90	*******	*******
0.95	-0.7534	-0.8424

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	-0.1751	-0.1889	-0.0028	*******	*******
0.100	-0.1833	-0.1936	-0.0166	*******	*******
0.150	-0.1956	-0.1978	-0.0284	*******	*******
0.200	-0.2024	-0.1970	-0.0446	*******	-0.3617
0.250	*******	-0.2068	-0.0637	-0.3159	-0.4380
0.300	-0.2129	-0.2133	-0.0803	-0.3006	-0.4448
0.350	-0.2288	-0.2261	-0.1016	-0.3002	-0.3030
0.400	-0.2474	-0.2356	-0.1295	-0.2843	-0.3066
0.450	-0.2709	-0.2634	-0.1231	-0.2741	-0.3975
0.500	-0.2944	-0.2709	-0.1358	-0.2644	-0.5576
0.525	*******	-0.2752	-0.1393	-0.2618	-0.6887
0.550	-0.3293	-0.2862	-0.1433	-0.2544	-0.7422
0.575	*******	-0.2966	-0.1371	-0.2510	-0.7613
0.600	-0.3626	-0.3056	-0.1527	-0.2475	-0.7660
0.625	*******	*******	-0.1408	-0.2519	-0.8031
0.650	-0.3986	-0.3248	-0.1329	-0.2919	-0.8883
0.675	*******	-0.3344	-0.1365	-0.4180	-0.9829
0.700	-0.4456	-0.3441	-0.2155	-0.6405	-1.0247
0.725	*******	*******	*******	-0.8807	-0.8654
0.750	-0.4990	-0.3594	*******	-1.0404	-0.7398
0.775	*******	-0.5801	-1.1731	-1.0966	-0.6551
0.800	-0.5716	-0.8727	-1.1724	-0.8617	*******
0.825	*******	-1.0132	-1.0503	-0.8444	-0.5921
0.850	-0.6707	-1.0739	-0.9889	-0.7541	*******
0.875	*******	-1.0767	-0.9165	-0.7470	-0.6074
0.900	-0.7760	-1.0846	-0.8122	-0.6971	-0.6414
0.925	*******	-1.0681	-0.7671	-0.7057	-0.6587
0.950	-1.1701	-1.0470	-0.8048	-0.6885	*******
0.975	*******	-1.0524	-0.7256	*******	-0.5671
1.000	-0.6911	-0.9931	-1.0397	-1.0316	-0.7317
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2407	0.2318	0.2688	*******	-0.5818
-0.400	*******	0.2394	0.2403	0.0706	-0.6263
-0.600	0.2426	0.2460	0.2355	0.1023	-0.6042
-0.700	0.2627	0.2501	0.2365	0.1198	-0.5784
-0.800	*******	*******	0.2432	0.1424	-0.5204
-0.850	0.3250	0.2820	0.2568	0.1575	-0.5230
-0.900	*******	0.2955	0.2734	0.1784	-0.4930
-0.950	0.2716	0.2716	0.2662	0.2001	-0.2203
-0.975	*******	0.1771	0.2043	0.1680	-0.0873
-1.000	-0.7203	-0.8770	-1.0528	-1.0202	-0.7338



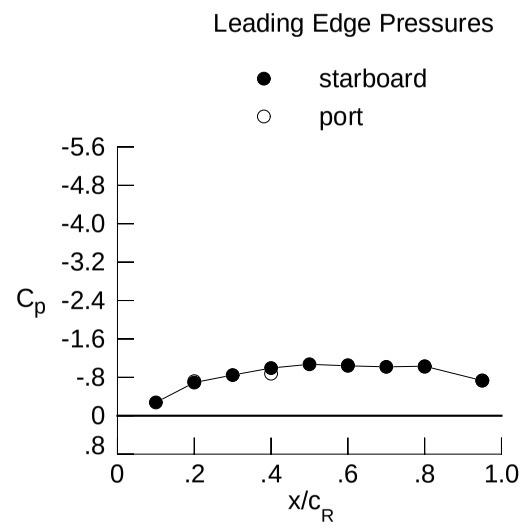
Large Radius L.E.

Run No. = 74 , Point No. = 1562

C_N = 0.525, C_m = -0.0995

α = 11.1 °, M_∞ = 0.899

R_{mac} = 60.3×10^6

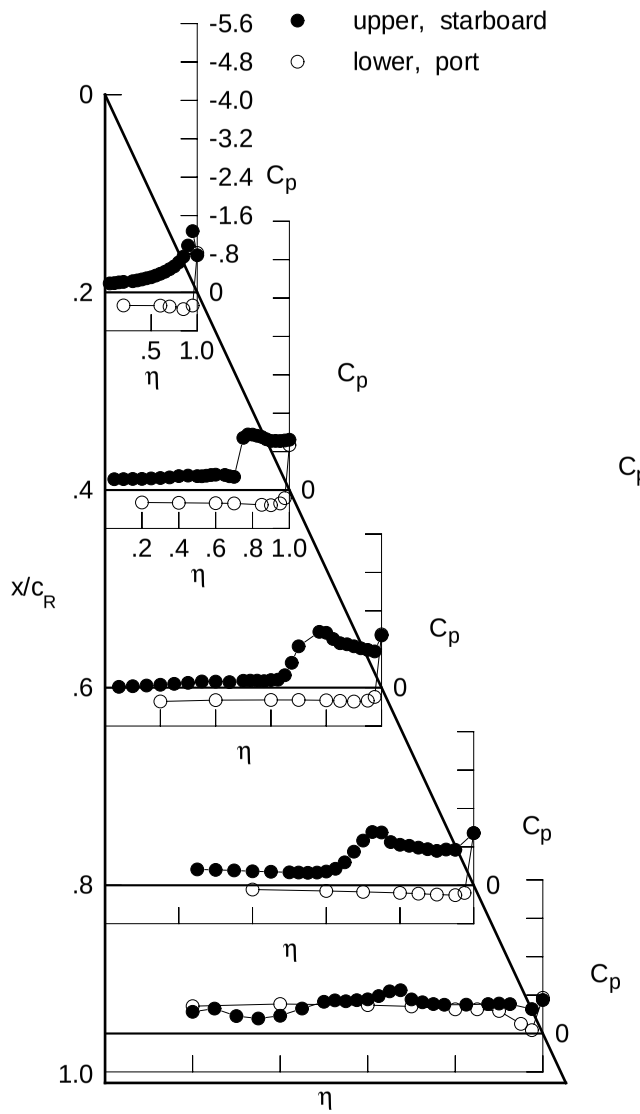


x/c_R	starb'd C_p	port C_p
0.10	-0.2765	*******
0.20	-0.6911	-0.7203
0.30	-0.8474	*******
0.40	-0.9931	-0.8770
0.50	-1.0718	*******
0.60	-1.0397	-1.0528
0.70	-1.0185	*******
0.80	-1.0316	-1.0202
0.90	*******	*******
0.95	-0.7317	-0.7338

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	-0.1873	-0.2257	-0.0165	*******	*******
0.100	-0.1931	-0.2276	-0.0295	*******	*******
0.150	-0.2085	-0.2312	-0.0437	*******	*******
0.200	-0.2183	-0.2322	-0.0602	*******	-0.4517
0.250	*******	-0.2419	-0.0796	-0.3307	-0.5195
0.300	-0.2326	-0.2504	-0.0999	-0.3204	-0.3628
0.350	-0.2500	-0.2633	-0.1292	-0.3094	-0.3128
0.400	-0.2700	-0.2907	-0.1258	-0.2913	-0.3700
0.450	-0.2936	-0.3005	-0.1151	-0.2816	-0.5198
0.500	-0.3155	-0.2892	-0.1430	-0.2699	-0.6609
0.525	*******	-0.2875	-0.1454	-0.2655	-0.6900
0.550	-0.3499	-0.2982	-0.1452	-0.2603	-0.6718
0.575	*******	-0.3125	-0.1348	-0.2649	-0.6947
0.600	-0.3880	-0.3197	-0.1574	-0.2868	-0.7120
0.625	*******	*******	-0.1659	-0.3441	-0.7796
0.650	-0.4297	-0.3147	-0.2584	-0.4786	-0.8780
0.675	*******	-0.2873	-0.5178	-0.7002	-0.9013
0.700	-0.4835	-0.2742	-0.8610	-0.9311	-0.7104
0.725	*******	*******	*******	-1.1100	-0.6503
0.750	-0.5413	-1.0869	*******	-1.1003	-0.6137
0.775	*******	-1.1578	-1.1623	-0.8997	-0.5991
0.800	-0.6257	-1.1540	-1.1425	-0.8443	*******
0.825	*******	-1.1305	-1.0133	-0.8222	-0.6005
0.850	-0.7441	-1.1060	-0.9259	-0.7838	*******
0.875	*******	-1.0582	-0.9030	-0.7521	-0.6136
0.900	-0.9758	-1.0226	-0.8614	-0.7165	-0.6243
0.925	*******	-1.0239	-0.8199	-0.7446	-0.6122
0.950	-1.2757	-1.0204	-0.7863	-0.7393	*******
0.975	*******	-1.0322	-0.7544	*******	-0.5087
1.000	-0.7742	-1.0478	-1.0872	-1.0870	-0.6977
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2723	0.2592	0.2880	*******	-0.5696
-0.400	*******	0.2662	0.2604	0.0885	-0.6148
-0.600	0.2758	0.2737	0.2566	0.1185	-0.5912
-0.700	0.2949	0.2790	0.2571	0.1374	-0.5640
-0.800	*******	*******	0.2639	0.1588	-0.5042
-0.850	0.3491	0.3078	0.2763	0.1744	-0.5046
-0.900	*******	0.3161	0.2896	0.1935	-0.4699
-0.950	0.2737	0.2794	0.2715	0.2057	-0.2007
-0.975	*******	0.1683	0.1939	0.1596	-0.0697
-1.000	-0.8214	-0.9365	-1.1088	-1.0879	-0.7431

Surface Pressures



Large Radius L.E.

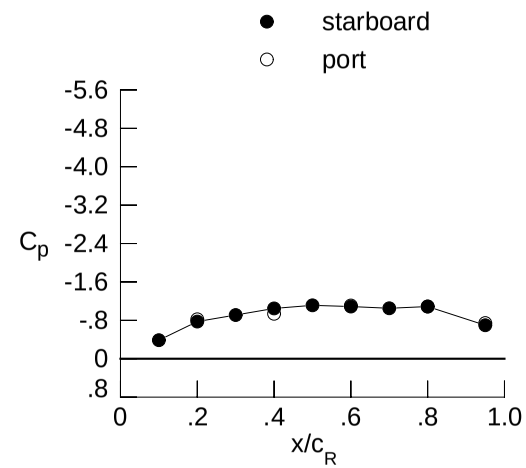
Run No. = 74 , Point No. = 1563

C_N = 0.573, C_m = -0.1028

α = 12.2 °, M_∞ = 0.901

R_{mac} = 60.3×10^6

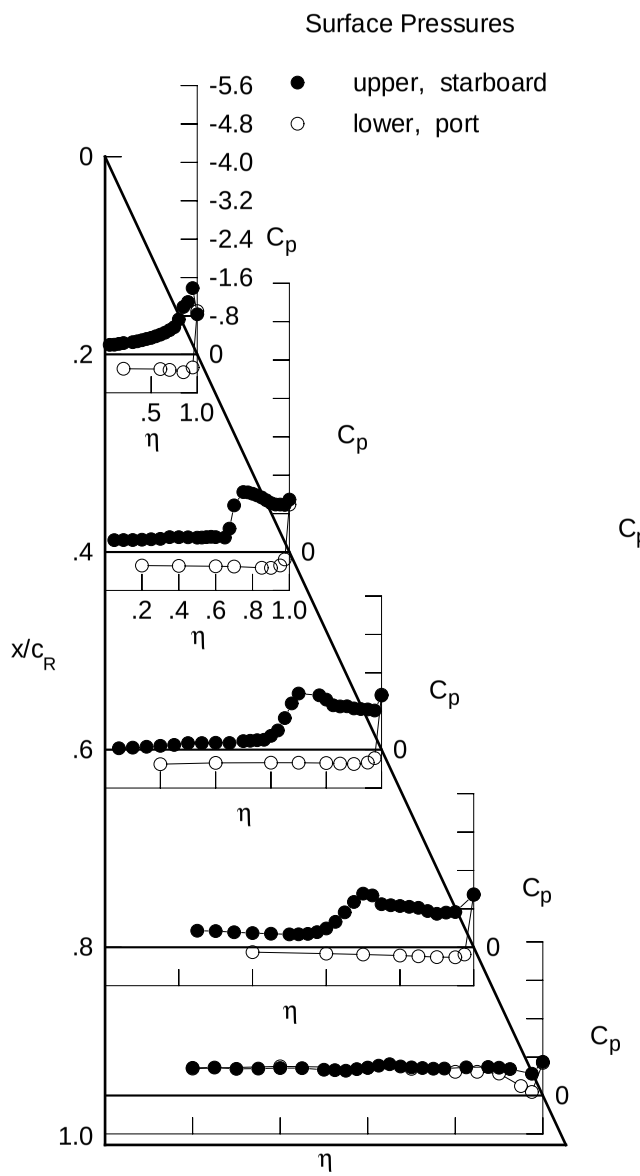
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.3863	*******
0.20	-0.7742	-0.8214
0.30	-0.9106	*******
0.40	-1.0478	-0.9365
0.50	-1.1126	*******
0.60	-1.0872	-1.1088
0.70	-1.0512	*******
0.80	-1.0870	-1.0879
0.90	*******	*******
0.95	-0.6977	-0.7431

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	-0.1989	-0.2477	-0.0291	*******	*******
0.100	-0.2014	-0.2494	-0.0417	*******	*******
0.150	-0.2188	-0.2502	-0.0597	*******	*******
0.200	-0.2358	-0.2566	-0.0788	*******	-0.5759
0.250	*******	-0.2668	-0.0983	-0.3446	-0.5826
0.300	-0.2541	-0.2744	-0.1365	-0.3373	-0.5555
0.350	-0.2731	-0.3104	-0.1366	-0.3135	-0.5607
0.400	-0.2953	-0.3099	-0.1436	-0.2957	-0.5717
0.450	-0.3212	-0.3071	-0.1381	-0.2823	-0.5693
0.500	-0.3440	-0.2995	-0.1777	-0.2692	-0.5366
0.525	*******	-0.3013	-0.1849	-0.2706	-0.5276
0.550	-0.3764	-0.3104	-0.1966	-0.2792	-0.5157
0.575	*******	-0.3172	-0.2056	-0.3152	-0.5492
0.600	-0.4114	-0.3102	-0.2872	-0.3917	-0.5743
0.625	*******	*******	-0.4001	-0.5303	-0.6218
0.650	-0.4524	-0.3013	-0.6576	-0.7279	-0.6524
0.675	*******	-0.4879	-0.9633	-0.9441	-0.6050
0.700	-0.5049	-0.9720	-1.1690	-1.1176	-0.5853
0.725	*******	*******	*******	-1.0802	-0.5728
0.750	-0.5668	-1.2494	*******	-0.8977	-0.5582
0.775	*******	-1.2431	-1.1321	-0.8763	-0.5615
0.800	-0.7288	-1.2144	-1.0421	-0.8601	*******
0.825	*******	-1.1800	-0.9237	-0.8433	-0.5862
0.850	-0.9880	-1.1362	-0.8999	-0.8228	*******
0.875	*******	-1.0784	-0.9032	-0.7553	-0.5941
0.900	-1.0911	-1.0203	-0.8587	-0.6974	-0.5791
0.925	*******	-0.9899	-0.8453	-0.7225	-0.5514
0.950	-1.3806	-0.9888	-0.8378	-0.7346	*******
0.975	*******	-0.9826	-0.8151	*******	-0.4535
1.000	-0.8357	-1.0932	-1.1264	-1.0925	-0.7012
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2993	0.2818	0.3029	*******	-0.5609
-0.400	*******	0.2889	0.2759	0.1015	-0.6069
-0.600	0.3056	0.2967	0.2721	0.1321	-0.5820
-0.700	0.3233	0.3021	0.2730	0.1505	-0.5549
-0.800	*******	*******	0.2794	0.1720	-0.4937
-0.850	0.3715	0.3278	0.2908	0.1874	-0.4935
-0.900	*******	0.3300	0.2994	0.2048	-0.4575
-0.950	0.2721	0.2801	0.2695	0.2082	-0.1969
-0.975	*******	0.1526	0.1758	0.1499	-0.0737
-1.000	-0.9018	-0.9887	-1.1439	-1.1040	-0.6803



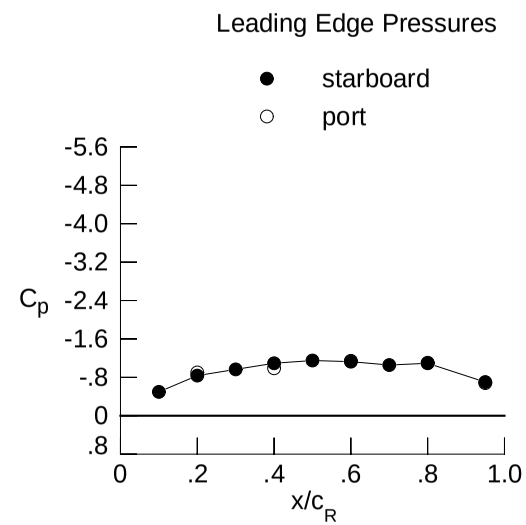
Large Radius L.E.

Run No. = 74 , Point No. = 1564

C_N = 0.606, C_m = -0.0985

α = 13.2 °, M_∞ = 0.902

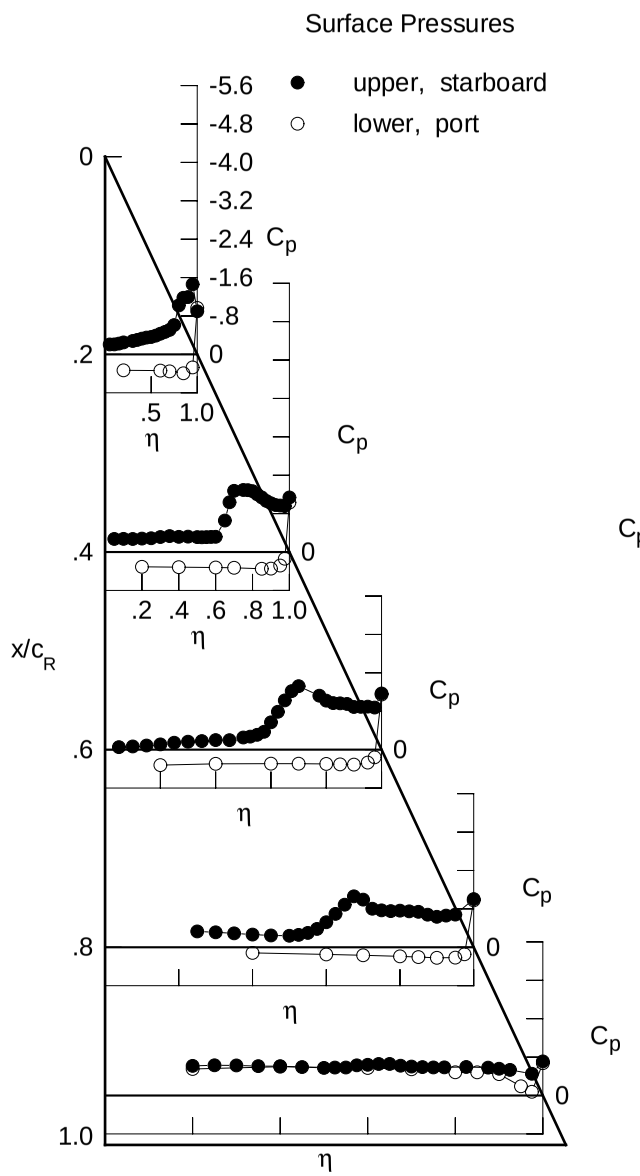
$R_{mac} = 60.4 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.4966	*******
0.20	-0.8357	-0.9018
0.30	-0.9653	*******
0.40	-1.0932	-0.9887
0.50	-1.1501	*******
0.60	-1.1264	-1.1439
0.70	-1.0561	*******
0.80	-1.0925	-1.1040
0.90	*******	*******
0.95	-0.7012	-0.6803

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	-0.2070	-0.2730	-0.0521	*******	*******
0.100	-0.2079	-0.2743	-0.0660	*******	*******
0.150	-0.2246	-0.2721	-0.0857	*******	*******
0.200	-0.2493	-0.2803	-0.1095	*******	-0.6175
0.250	*******	-0.2870	-0.1440	-0.3308	-0.6299
0.300	-0.2791	-0.3132	-0.1658	-0.3118	-0.6266
0.350	-0.3016	-0.3321	-0.1786	-0.2904	-0.6123
0.400	-0.3281	-0.3169	-0.1989	-0.2649	-0.6111
0.450	-0.3506	-0.3206	-0.1976	-0.2465	-0.5930
0.500	-0.3621	-0.3115	-0.2528	-0.2402	-0.5752
0.525	*******	-0.3075	-0.2711	-0.2585	-0.5824
0.550	-0.3900	-0.3106	-0.3090	-0.2992	-0.5834
0.575	*******	-0.3142	-0.3722	-0.3825	-0.6292
0.600	-0.4302	-0.3172	-0.5696	-0.5216	-0.6403
0.625	*******	*******	-0.7889	-0.6962	-0.6569
0.650	-0.4678	-0.6560	-1.0253	-0.8873	-0.6573
0.675	*******	-1.0371	-1.2188	-1.0612	-0.6211
0.700	-0.5103	-1.2755	-1.3227	-0.9930	-0.6032
0.725	*******	*******	*******	-0.8029	-0.5922
0.750	-0.6108	-1.2931	*******	-0.7697	-0.5846
0.775	*******	-1.2891	-1.1238	-0.7537	-0.5864
0.800	-1.0202	-1.2677	-1.0207	-0.7628	*******
0.825	*******	-1.2029	-0.9695	-0.7486	-0.5945
0.850	-1.1789	-1.1378	-0.9648	-0.7396	*******
0.875	*******	-1.0648	-0.9517	-0.6794	-0.5812
0.900	-1.1945	-1.0159	-0.8888	-0.6352	-0.5578
0.925	*******	-0.9793	-0.8919	-0.6599	-0.5335
0.950	-1.4596	-0.9684	-0.8959	-0.6807	*******
0.975	*******	-0.9568	-0.8769	*******	-0.4527
1.000	-0.8987	-1.1367	-1.1695	-1.0040	-0.7107
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3317	0.3077	0.3223	*******	-0.5525
-0.400	*******	0.3153	0.2956	0.1169	-0.6000
-0.600	0.3375	0.3227	0.2921	0.1485	-0.5737
-0.700	0.3535	0.3282	0.2927	0.1664	-0.5468
-0.800	*******	*******	0.2978	0.1890	-0.4843
-0.850	0.3938	0.3489	0.3073	0.2037	-0.4834
-0.900	*******	0.3459	0.3119	0.2192	-0.4455
-0.950	0.2709	0.2818	0.2698	0.2150	-0.1922
-0.975	*******	0.1388	0.1598	0.1453	-0.0772
-1.000	-0.9679	-1.0302	-1.1481	-0.9779	-0.6740



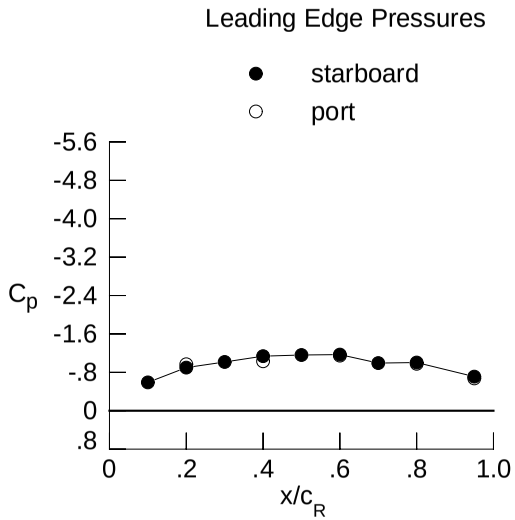
Large Radius L.E.

Run No. = 74 , Point No. = 1565

C_N = 0.638, C_m = -0.0942

α = 14.2 °, M_∞ = 0.901

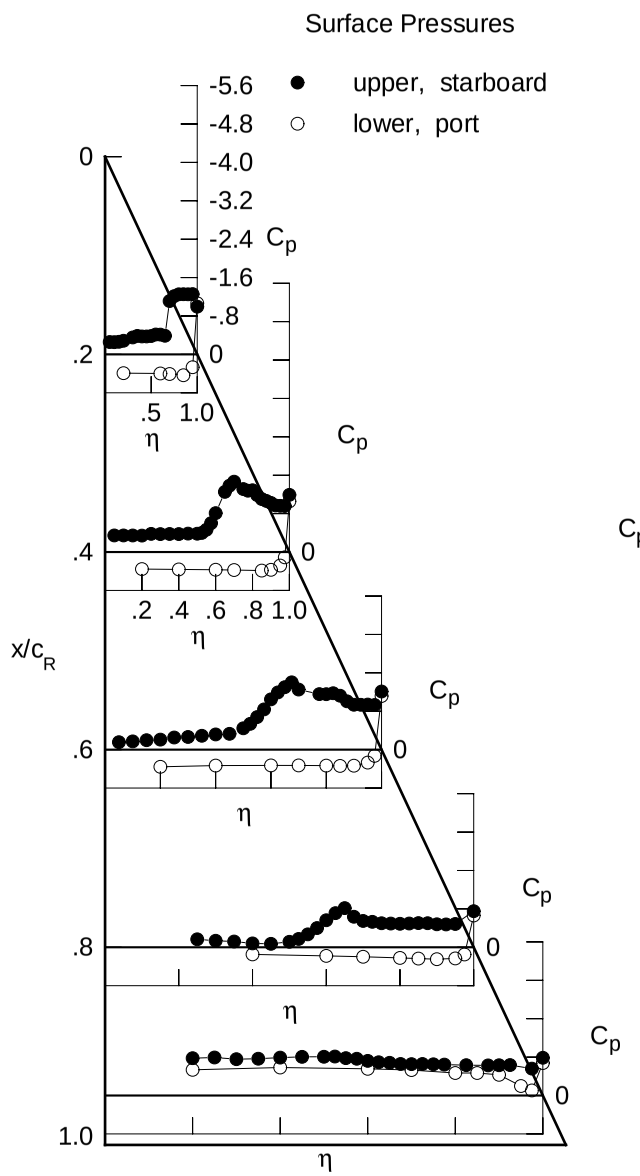
R_{mac} = 60.2×10^6



x/c_R	starb'd C_p	port C_p
0.10	-0.5903	*******
0.20	-0.8987	-0.9679
0.30	-1.0156	*******
0.40	-1.1367	-1.0302
0.50	-1.1610	*******
0.60	-1.1695	-1.1481
0.70	-0.9928	*******
0.80	-1.0040	-0.9779
0.90	*******	*******
0.95	-0.7107	-0.6740

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	-0.2574	-0.3457	-0.1553	*******	*******
0.100	-0.2548	-0.3454	-0.1723	*******	*******
0.150	-0.2627	-0.3445	-0.1972	*******	*******
0.200	-0.2842	-0.3423	-0.2086	*******	-0.7773
0.250	*******	-0.3781	-0.2529	-0.1663	-0.7920
0.300	-0.3527	-0.3732	-0.2637	-0.1361	-0.7566
0.350	-0.3847	-0.3760	-0.2887	-0.1200	-0.7667
0.400	-0.3732	-0.3742	-0.3171	-0.0807	-0.7893
0.450	-0.3734	-0.3841	-0.3299	-0.0718	-0.8057
0.500	-0.3823	-0.3819	-0.4444	-0.1144	-0.8074
0.525	*******	-0.3985	-0.5380	-0.1733	-0.8120
0.550	-0.4144	-0.4649	-0.6785	-0.2696	-0.7787
0.575	*******	-0.6016	-0.8387	-0.4012	-0.7658
0.600	-0.4121	-0.8102	-1.0482	-0.5628	-0.7214
0.625	*******	*******	-1.1918	-0.7115	-0.6931
0.650	-0.3882	-1.2533	-1.3011	-0.8162	-0.6813
0.675	*******	-1.3823	-1.4022	-0.6364	-0.6569
0.700	-1.1116	-1.4656	-1.2517	-0.5484	-0.6540
0.725	*******	*******	*******	-0.5306	-0.6567
0.750	-1.2138	-1.3117	*******	-0.5005	-0.6502
0.775	*******	-1.2777	-1.1566	-0.4942	-0.6442
0.800	-1.2517	-1.2874	-1.1553	-0.4898	*******
0.825	*******	-1.1872	-1.1754	-0.4951	-0.6318
0.850	-1.2535	-1.1044	-1.1230	-0.5041	*******
0.875	*******	-1.0645	-1.0076	-0.5016	-0.6274
0.900	-1.2523	-1.0230	-0.9352	-0.4790	-0.6301
0.925	*******	-0.9691	-0.9342	-0.4762	-0.6340
0.950	-1.2557	-0.9622	-0.9395	-0.4854	*******
0.975	*******	-0.9582	-0.9300	*******	-0.5603
1.000	-0.9947	-1.1913	-1.2111	-0.7519	-0.7868
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3910	0.3549	0.3576	*******	-0.5354
-0.400	*******	0.3624	0.3320	0.1482	-0.5830
-0.600	0.3975	0.3692	0.3287	0.1793	-0.5562
-0.700	0.4089	0.3751	0.3291	0.1974	-0.5302
-0.800	*******	*******	0.3330	0.2213	-0.4687
-0.850	0.4341	0.3860	0.3392	0.2353	-0.4688
-0.900	*******	0.3707	0.3347	0.2479	-0.4314
-0.950	0.2668	0.2812	0.2693	0.2317	-0.1975
-0.975	*******	0.1105	0.1291	0.1494	-0.1058
-1.000	-1.0653	-1.0564	-1.1169	-0.6623	-0.6764



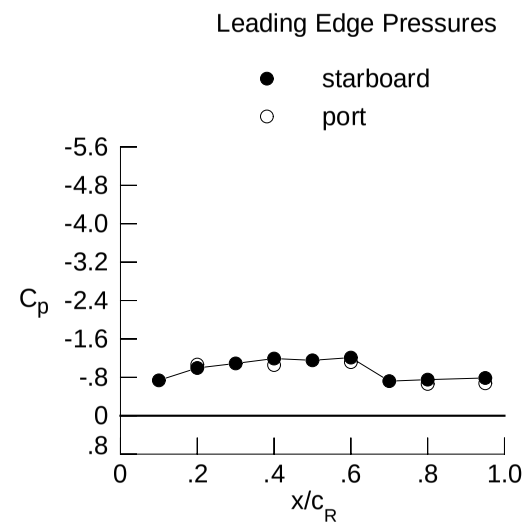
Large Radius L.E.

Run No. = 74 , Point No. = 1566

C_N = 0.712, C_m = -0.1001

α = 16.3 °, M_∞ = 0.902

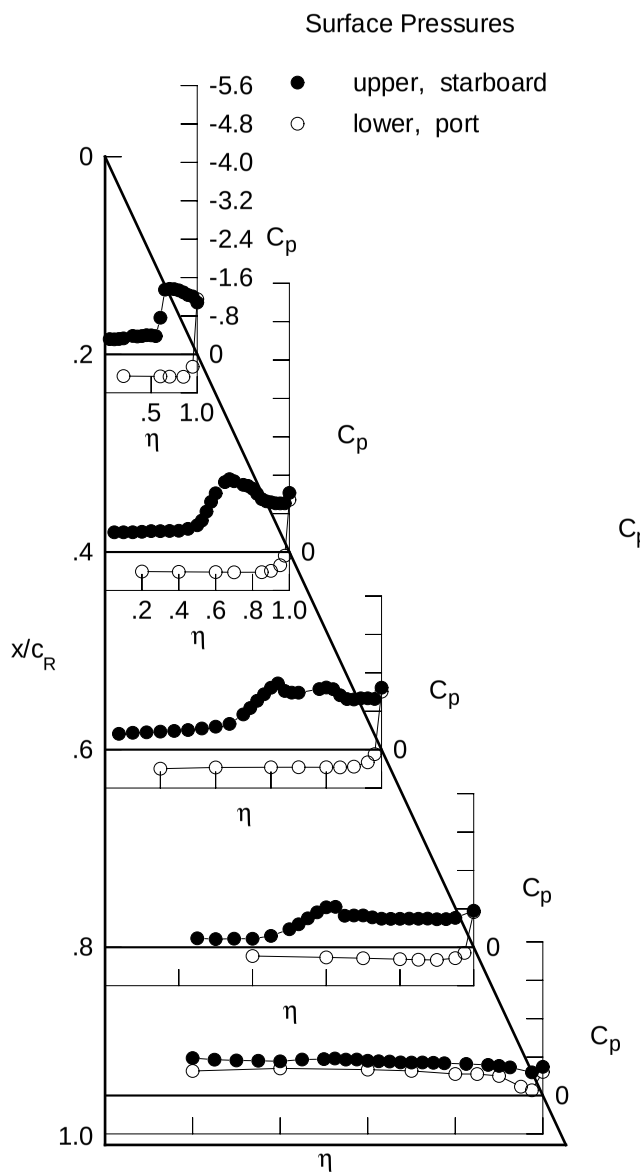
R_{mac} = 60.4×10^6



x/c_R	starb'd C_p	port C_p
0.10	-0.7370	*******
0.20	-0.9947	-1.0653
0.30	-1.0894	*******
0.40	-1.1913	-1.0564
0.50	-1.1543	*******
0.60	-1.2111	-1.1169
0.70	-0.7205	*******
0.80	-0.7519	-0.6623
0.90	*******	*******
0.95	-0.7868	-0.6764

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	-0.3188	-0.4110	-0.3294	*******	*******
0.100	-0.3138	-0.4110	-0.3509	*******	*******
0.150	-0.3210	-0.4121	-0.3610	*******	*******
0.200	-0.3336	-0.4216	-0.3751	*******	-0.7799
0.250	*******	-0.4362	-0.3895	-0.1871	-0.7464
0.300	-0.3846	-0.4348	-0.4089	-0.1701	-0.7307
0.350	-0.3729	-0.4394	-0.4411	-0.1793	-0.7239
0.400	-0.3821	-0.4429	-0.4783	-0.1778	-0.7123
0.450	-0.4003	-0.4829	-0.5361	-0.2367	-0.7493
0.500	-0.3971	-0.5574	-0.7339	-0.3757	-0.7580
0.525	*******	-0.6559	-0.8674	-0.4796	-0.7715
0.550	-0.3808	-0.8427	-1.0173	-0.6034	-0.7480
0.575	*******	-1.0461	-1.1532	-0.7280	-0.7497
0.600	-0.7641	-1.2242	-1.2895	-0.8330	-0.7239
0.625	*******	*******	-1.3801	-0.8421	-0.7138
0.650	-1.3484	-1.4562	-1.2221	-0.6571	-0.7079
0.675	*******	-1.5185	-1.1876	-0.6626	-0.6898
0.700	-1.3657	-1.4753	-1.1863	-0.6631	-0.6868
0.725	*******	*******	*******	-0.6235	-0.6881
0.750	-1.3589	-1.4000	*******	-0.5951	-0.6816
0.775	*******	-1.3785	-1.2615	-0.5921	-0.6723
0.800	-1.3341	-1.3205	-1.2944	-0.5937	*******
0.825	*******	-1.2127	-1.2604	-0.5968	-0.6574
0.850	-1.2920	-1.1030	-1.1340	-0.5944	*******
0.875	*******	-1.0569	-1.0533	-0.5977	-0.6372
0.900	-1.2371	-1.0369	-1.0448	-0.5842	-0.6165
0.925	*******	-1.0151	-1.0693	-0.5864	-0.5859
0.950	-1.2076	-1.0133	-1.0693	-0.6125	*******
0.975	*******	-1.0150	-1.0563	*******	-0.4824
1.000	-1.0804	-1.2320	-1.2900	-0.7617	-0.5978
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4523	0.4063	0.3969	*******	-0.5110
-0.400	*******	0.4128	0.3713	0.1820	-0.5648
-0.600	0.4583	0.4178	0.3676	0.2109	-0.5392
-0.700	0.4642	0.4221	0.3667	0.2279	-0.5125
-0.800	*******	*******	0.3676	0.2483	-0.4482
-0.850	0.4675	0.4204	0.3698	0.2594	-0.4474
-0.900	*******	0.3923	0.3545	0.2640	-0.4071
-0.950	0.2579	0.2751	0.2639	0.2266	-0.1840
-0.975	*******	0.0760	0.0941	0.1167	-0.1091
-1.000	-1.1514	-1.0874	-1.2083	-0.7332	-0.4912



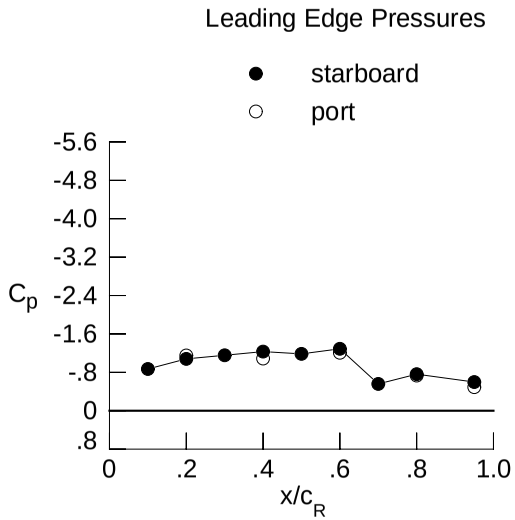
Large Radius L.E.

Run No. = 74 , Point No. = 1567

C_N = 0.826, C_m = -0.1264

α = 18.4 °, M_∞ = 0.899

R_{mac} = 60.2×10^6

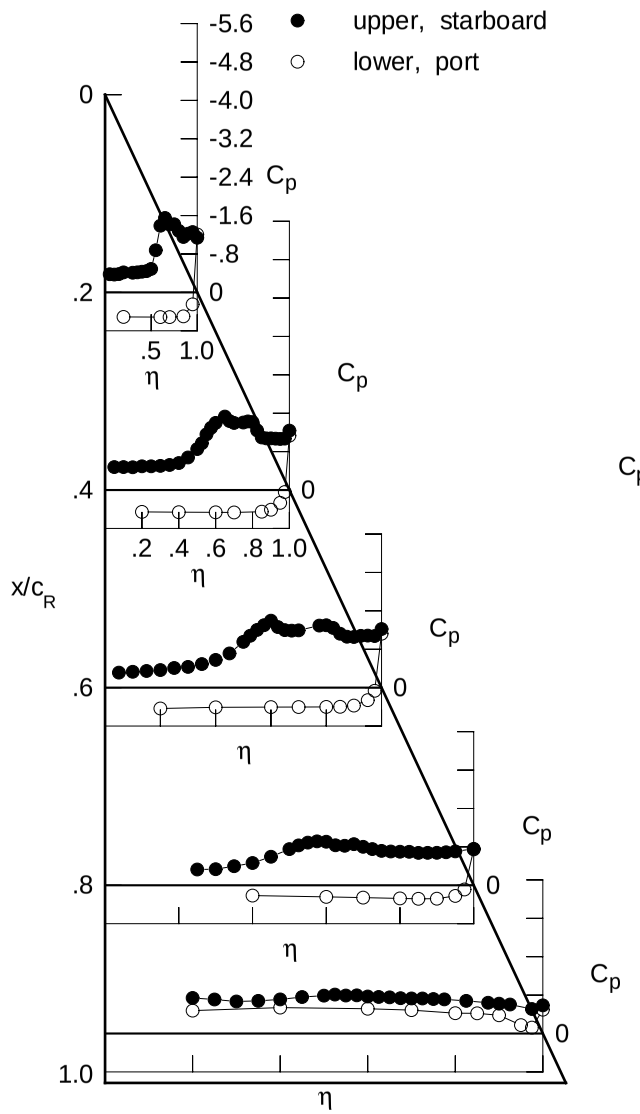


x/c_R	starb'd C_p	port C_p
0.10	-0.8693	*******
0.20	-1.0804	-1.1514
0.30	-1.1553	*******
0.40	-1.2320	-1.0874
0.50	-1.1845	*******
0.60	-1.2900	-1.2083
0.70	-0.5583	*******
0.80	-0.7617	-0.7332
0.90	*******	*******
0.95	-0.5978	-0.4912

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	-0.3780	-0.4782	-0.3131	*******	*******
0.100	-0.3710	-0.4784	-0.3304	*******	*******
0.150	-0.3820	-0.4742	-0.3476	*******	*******
0.200	-0.4167	-0.4946	-0.3667	*******	-0.7405
0.250	*******	-0.4943	-0.4094	-0.3289	-0.7086
0.300	-0.4099	-0.5036	-0.4324	-0.3354	-0.6673
0.350	-0.4175	-0.5226	-0.4915	-0.3977	-0.6799
0.400	-0.4300	-0.5624	-0.5773	-0.4636	-0.7102
0.450	-0.4431	-0.6783	-0.7132	-0.5943	-0.7600
0.500	-0.4887	-0.8536	-0.9539	-0.7534	-0.7888
0.525	*******	-0.9754	-1.0805	-0.8315	-0.8109
0.550	-0.8786	-1.1602	-1.2020	-0.8892	-0.7912
0.575	*******	-1.2968	-1.3006	-0.9155	-0.7951
0.600	-1.3887	-1.3995	-1.3952	-0.9072	-0.7710
0.625	*******	*******	-1.2621	-0.8338	-0.7612
0.650	-1.5502	-1.5308	-1.1981	-0.8229	-0.7534
0.675	*******	-1.4373	-1.1869	-0.8570	-0.7362
0.700	-1.4137	-1.3979	-1.1937	-0.8016	-0.7304
0.725	*******	*******	*******	-0.7548	-0.7297
0.750	-1.4195	-1.4063	*******	-0.7164	-0.7186
0.775	*******	-1.4295	-1.2931	-0.7038	-0.7113
0.800	-1.2814	-1.4150	-1.3003	-0.6995	*******
0.825	*******	-1.2413	-1.2442	-0.6979	-0.6798
0.850	-1.1546	-1.0951	-1.1235	-0.6754	*******
0.875	*******	-1.0762	-1.0608	-0.6762	-0.6411
0.900	-1.2223	-1.0772	-1.0551	-0.6766	-0.6217
0.925	*******	-1.0706	-1.0791	-0.6876	-0.6044
0.950	-1.2569	-1.0642	-1.0837	-0.7063	*******
0.975	*******	-1.0709	-1.0754	*******	-0.5102
1.000	-1.1384	-1.2378	-1.2208	-0.7590	-0.5861
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5115	0.4554	0.4346	*******	-0.4770
-0.400	*******	0.4615	0.4102	0.2146	-0.5397
-0.600	0.5145	0.4644	0.4054	0.2412	-0.5157
-0.700	0.5143	0.4672	0.4043	0.2569	-0.4873
-0.800	*******	*******	0.4018	0.2740	-0.4232
-0.850	0.4990	0.4512	0.3992	0.2819	-0.4205
-0.900	*******	0.4105	0.3738	0.2788	-0.3804
-0.950	0.2489	0.2664	0.2605	0.2217	-0.1742
-0.975	*******	0.0417	0.0658	0.0869	-0.1228
-1.000	-1.2063	-1.1329	-1.1230	-0.7483	-0.4959

Surface Pressures



Large Radius L.E.

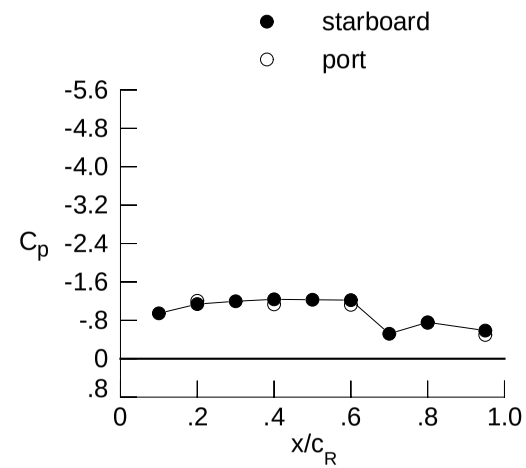
Run No. = 74 , Point No. = 1568

C_N = 0.929, C_m = -0.1494

α = 20.4 °, M_∞ = 0.902

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

Leading Edge Pressures

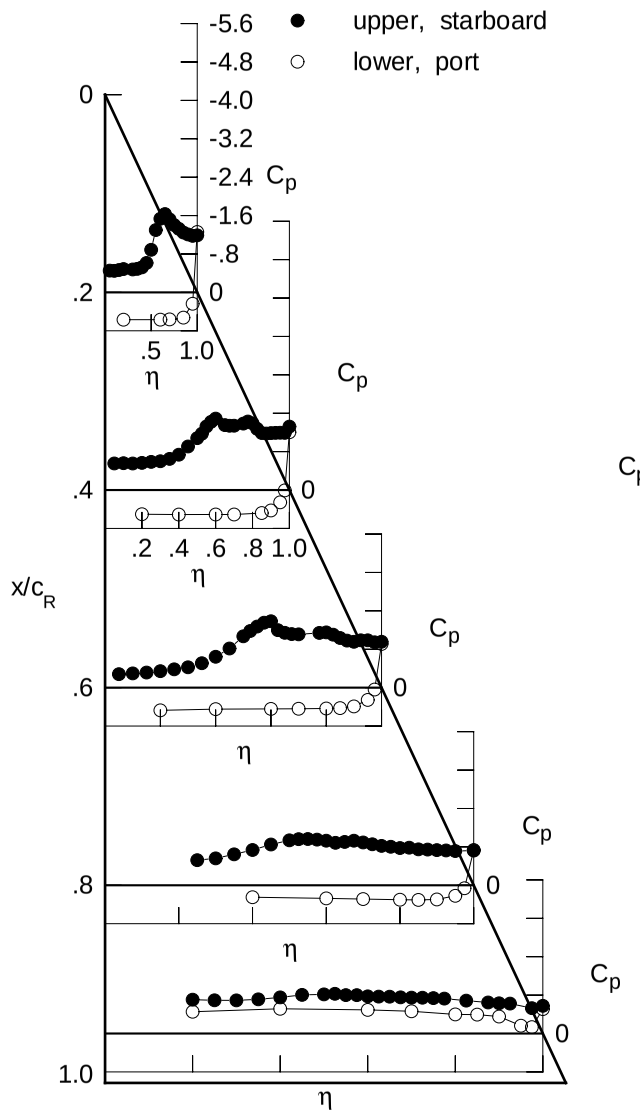


x/c_R	starb'd C_p	port C_p
0.10	-0.9454	*******
0.20	-1.1384	-1.2063
0.30	-1.1970	*******
0.40	-1.2378	-1.1329
0.50	-1.2286	*******
0.60	-1.2208	-1.1230
0.70	-0.5204	*******
0.80	-0.7590	-0.7483
0.90	*******	*******
0.95	-0.5861	-0.4959

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	-0.4535	-0.5537	-0.2812	*******	*******
0.100	-0.4490	-0.5593	-0.2970	*******	*******
0.150	-0.4660	-0.5525	-0.3144	*******	*******
0.200	-0.4865	-0.5660	-0.3430	*******	-0.7048
0.250	*******	-0.5864	-0.3817	-0.5236	-0.6917
0.300	-0.4772	-0.5996	-0.4240	-0.5611	-0.6904
0.350	-0.4907	-0.6485	-0.5091	-0.6450	-0.7119
0.400	-0.5218	-0.7364	-0.6430	-0.7352	-0.7524
0.450	-0.6132	-0.9076	-0.8149	-0.8493	-0.8046
0.500	-0.8874	-1.0804	-1.0694	-0.9364	-0.8151
0.525	*******	-1.1736	-1.1803	-0.9605	-0.8272
0.550	-1.2988	-1.3250	-1.2731	-0.9638	-0.7997
0.575	*******	-1.4208	-1.3529	-0.9514	-0.7992
0.600	-1.5337	-1.4877	-1.3836	-0.9292	-0.7745
0.625	*******	*******	-1.1973	-0.8845	-0.7688
0.650	-1.6321	-1.3527	-1.1426	-0.9035	-0.7674
0.675	*******	-1.3396	-1.1160	-0.9290	-0.7538
0.700	-1.5202	-1.3403	-1.1107	-0.8918	-0.7472
0.725	*******	*******	*******	-0.8548	-0.7456
0.750	-1.4028	-1.3836	*******	-0.8205	-0.7377
0.775	*******	-1.4274	-1.1396	-0.8027	-0.7271
0.800	-1.3245	-1.3887	-1.1511	-0.7761	*******
0.825	*******	-1.2746	-1.1035	-0.7836	-0.6846
0.850	-1.2473	-1.1882	-1.0341	-0.7490	*******
0.875	*******	-1.1768	-0.9797	-0.7441	-0.6466
0.900	-1.2075	-1.1867	-0.9555	-0.7331	-0.6293
0.925	*******	-1.1913	-0.9867	-0.7259	-0.6234
0.950	-1.1779	-1.1940	-0.9864	-0.7132	*******
0.975	*******	-1.1909	-0.9451	*******	-0.5283
1.000	-1.1886	-1.3218	-0.9559	-0.7231	-0.5764
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.5689	0.5043	0.4729	*******	-0.4532
-0.400	*******	0.5106	0.4478	0.2488	-0.5153
-0.600	0.5680	0.5092	0.4430	0.2725	-0.4922
-0.700	0.5623	0.5098	0.4402	0.2869	-0.4633
-0.800	*******	*******	0.4340	0.3008	-0.3976
-0.850	0.5256	0.4793	0.4263	0.3048	-0.3935
-0.900	*******	0.4258	0.3909	0.2954	-0.3537
-0.950	0.2368	0.2561	0.2559	0.2188	-0.1627
-0.975	*******	0.0071	0.0394	0.0620	-0.1329
-1.000	-1.2584	-1.2041	-0.9096	-0.7354	-0.5078

Surface Pressures



Large Radius L.E.

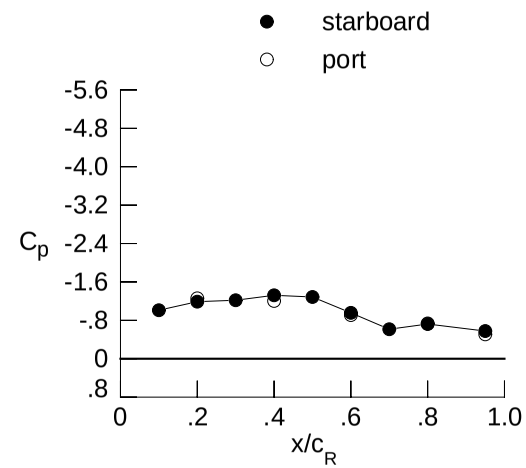
Run No. = 74 , Point No. = 1569

C_N = 1.029, C_m = -0.1694

α = 22.5 °, M_∞ = 0.902

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

Leading Edge Pressures

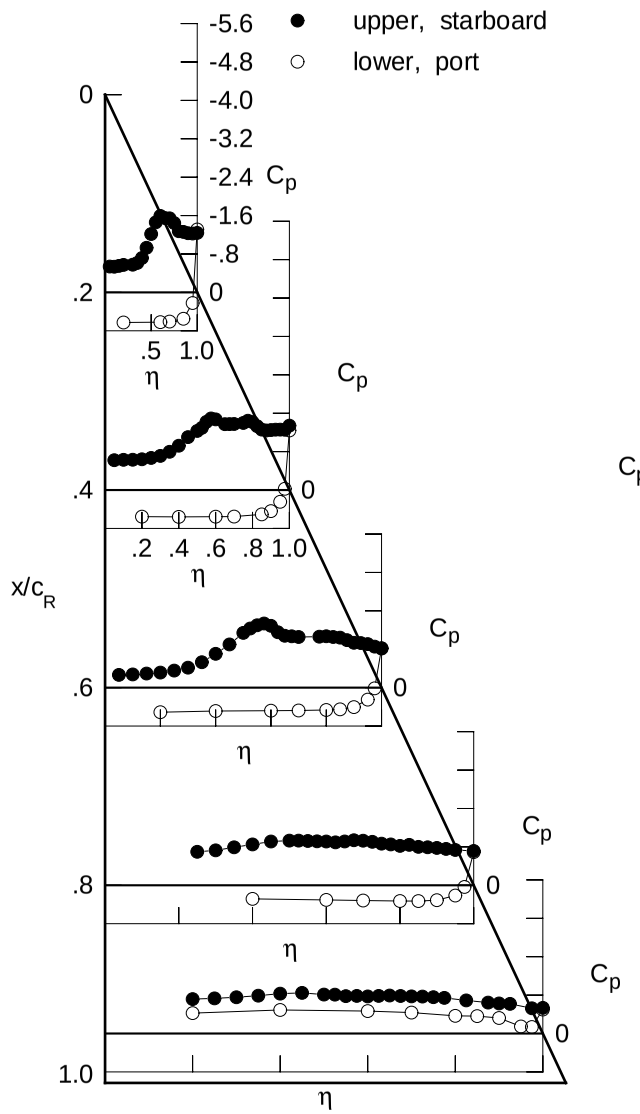


x/c_R	starb'd Cp	port Cp
0.10	-1.0107	*******
0.20	-1.1886	-1.2584
0.30	-1.2185	*******
0.40	-1.3218	-1.2041
0.50	-1.2862	*******
0.60	-0.9559	-0.9096
0.70	-0.6147	*******
0.80	-0.7231	-0.7354
0.90	*******	*******
0.95	-0.5764	-0.5078

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	-0.5385	-0.6218	-0.2659	*******	*******
0.100	-0.5341	-0.6298	-0.2754	*******	*******
0.150	-0.5516	-0.6309	-0.2940	*******	*******
0.200	-0.5730	-0.6408	-0.3138	*******	-0.7169
0.250	*******	-0.6690	-0.3553	-0.6973	-0.7322
0.300	-0.5768	-0.7111	-0.4162	-0.7276	-0.7556
0.350	-0.6139	-0.7965	-0.5298	-0.7911	-0.7884
0.400	-0.7171	-0.9230	-0.7044	-0.8516	-0.8306
0.450	-0.9292	-1.1023	-0.8997	-0.9119	-0.8463
0.500	-1.2160	-1.2310	-1.1406	-0.9307	-0.8112
0.525	*******	-1.2952	-1.2322	-0.9306	-0.8095
0.550	-1.4590	-1.4209	-1.2990	-0.9236	-0.7784
0.575	*******	-1.4911	-1.3356	-0.9160	-0.7832
0.600	-1.5928	-1.4719	-1.2880	-0.9116	-0.7726
0.625	*******	*******	-1.1541	-0.8940	-0.7830
0.650	-1.5491	-1.3720	-1.0808	-0.9129	-0.7910
0.675	*******	-1.3738	-1.0696	-0.9383	-0.7813
0.700	-1.5432	-1.3762	-1.0551	-0.9291	-0.7736
0.725	*******	*******	*******	-0.9059	-0.7694
0.750	-1.4450	-1.3979	*******	-0.8674	-0.7567
0.775	*******	-1.4442	-1.0617	-0.8512	-0.7423
0.800	-1.2741	-1.4155	-1.0707	-0.8205	*******
0.825	*******	-1.3306	-1.0556	-0.8421	-0.6893
0.850	-1.2602	-1.2595	-1.0414	-0.8011	*******
0.875	*******	-1.2407	-0.9893	-0.7923	-0.6442
0.900	-1.2332	-1.2497	-0.9346	-0.7785	-0.6261
0.925	*******	-1.2578	-0.9292	-0.7573	-0.6177
0.950	-1.2264	-1.2582	-0.9069	-0.7363	*******
0.975	*******	-1.2560	-0.8546	*******	-0.5257
1.000	-1.2390	-1.3419	-0.8151	-0.7151	-0.5347
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6272	0.5543	0.5120	*******	-0.4248
-0.400	*******	0.5595	0.4871	0.2835	-0.4903
-0.600	0.6203	0.5554	0.4803	0.3052	-0.4673
-0.700	0.6080	0.5529	0.4761	0.3174	-0.4359
-0.800	*******	*******	0.4655	0.3278	-0.3680
-0.850	0.5497	0.5068	0.4521	0.3289	-0.3625
-0.900	*******	0.4396	0.4059	0.3108	-0.3231
-0.950	0.2218	0.2446	0.2497	0.2134	-0.1461
-0.975	*******	-0.0257	0.0145	0.0341	-0.1356
-1.000	-1.3100	-1.2405	-0.8220	-0.6908	-0.4988

Surface Pressures



Large Radius L.E.

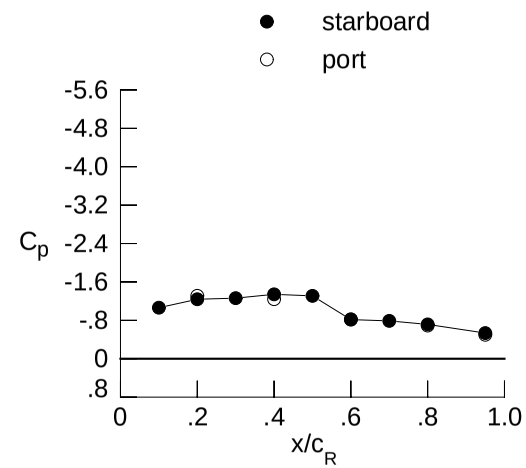
Run No. = 74 , Point No. = 1570

C_N = 1.118, C_m = -0.1807

α = 24.6 °, M_∞ = 0.901

R_{mac} = 60.1×10^6

Leading Edge Pressures

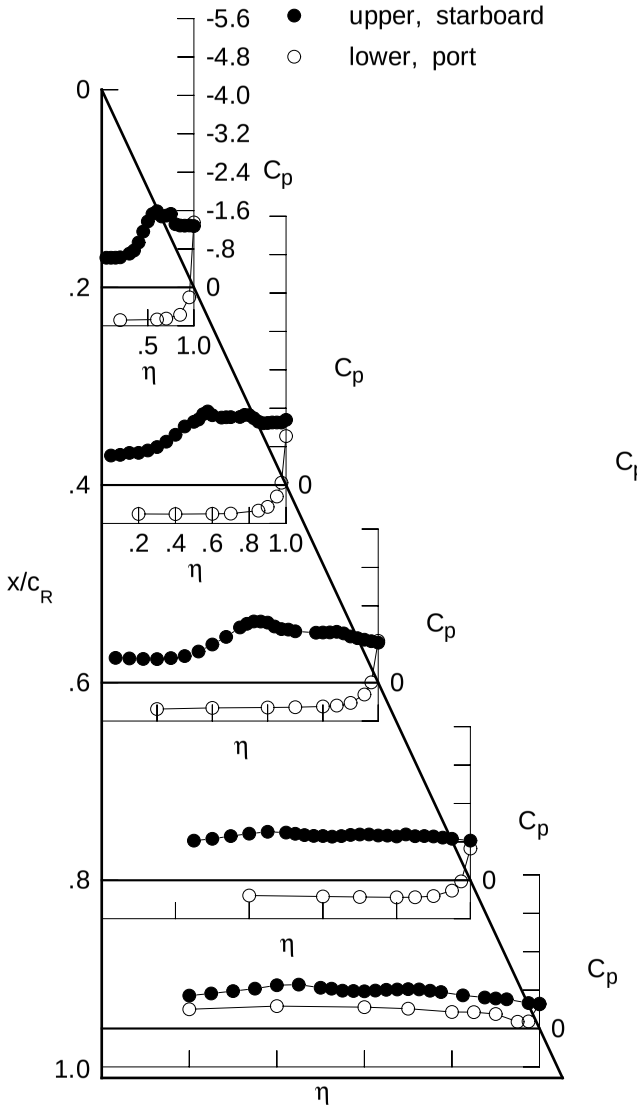


x/c_R	starb'd C_p	port C_p
0.10	-1.0628	*******
0.20	-1.2390	-1.3100
0.30	-1.2619	*******
0.40	-1.3419	-1.2405
0.50	-1.3095	*******
0.60	-0.8151	-0.8220
0.70	-0.7884	*******
0.80	-0.7151	-0.6908
0.90	*******	*******
0.95	-0.5347	-0.4988

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	-0.6178	-0.6145	-0.5162	*******	*******
0.100	-0.6176	-0.6286	-0.5039	*******	*******
0.150	-0.6182	-0.6691	-0.4933	*******	*******
0.200	-0.6264	-0.6705	-0.4902	*******	-0.6852
0.250	*******	-0.7196	-0.5110	-0.8258	-0.7296
0.300	-0.7023	-0.7915	-0.5538	-0.8639	-0.7794
0.350	-0.7686	-0.9034	-0.6484	-0.9210	-0.8306
0.400	-0.9352	-1.0470	-0.7940	-0.9712	-0.9016
0.450	-1.1626	-1.2203	-0.9529	-1.0102	-0.9146
0.500	-1.3737	-1.3166	-1.1493	-0.9938	-0.8490
0.525	*******	-1.3645	-1.2252	-0.9689	-0.8296
0.550	-1.5283	-1.4763	-1.2741	-0.9413	-0.7880
0.575	*******	-1.5325	-1.2728	-0.9244	-0.7812
0.600	-1.5863	-1.4546	-1.2503	-0.9224	-0.7750
0.625	*******	*******	-1.1698	-0.9088	-0.7904
0.650	-1.4779	-1.4045	-1.1154	-0.9208	-0.8066
0.675	*******	-1.4124	-1.1049	-0.9452	-0.8129
0.700	-1.4955	-1.4143	-1.0694	-0.9532	-0.8199
0.725	*******	*******	*******	-0.9547	-0.8146
0.750	-1.5310	-1.4183	*******	-0.9331	-0.7874
0.775	*******	-1.4620	-1.0397	-0.9308	-0.7590
0.800	-1.3159	-1.4562	-1.0437	-0.9129	*******
0.825	*******	-1.3918	-1.0461	-0.9553	-0.6905
0.850	-1.2889	-1.3200	-1.0589	-0.9180	*******
0.875	*******	-1.2874	-1.0259	-0.9219	-0.6454
0.900	-1.2858	-1.2928	-0.9617	-0.9126	-0.6252
0.925	*******	-1.3030	-0.9265	-0.8884	-0.6091
0.950	-1.2893	-1.3029	-0.8941	-0.8646	*******
0.975	*******	-1.3014	-0.8633	*******	-0.5303
1.000	-1.2780	-1.3576	-0.8332	-0.8266	-0.5038
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6820	0.6027	0.5505	*******	-0.4011
-0.400	*******	0.6060	0.5262	0.3176	-0.4666
-0.600	0.6691	0.6002	0.5181	0.3379	-0.4446
-0.700	0.6507	0.5949	0.5122	0.3477	-0.4128
-0.800	*******	*******	0.4968	0.3558	-0.3443
-0.850	0.5709	0.5339	0.4776	0.3536	-0.3408
-0.900	*******	0.4556	0.4222	0.3287	-0.3015
-0.950	0.2073	0.2385	0.2474	0.2164	-0.1396
-0.975	*******	-0.0486	-0.0058	0.0228	-0.1470
-1.000	-1.3531	-1.0190	-0.8707	-0.6614	-0.5174

Surface Pressures



Large Radius L.E.

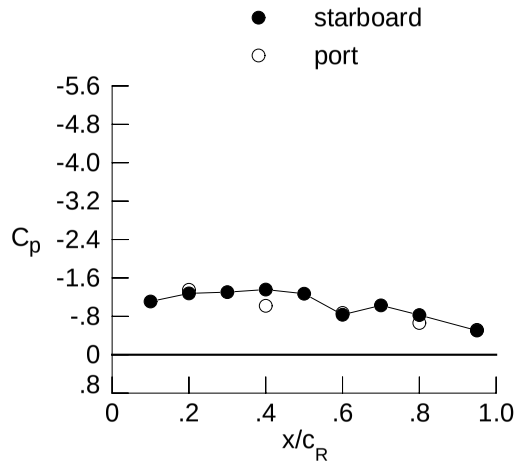
Run No. = 74 , Point No. = 1571

C_N = 1.171, C_m = -0.1876

α = 26.6 °, M_∞ = 0.900

R_{mac} = 60.0×10^6

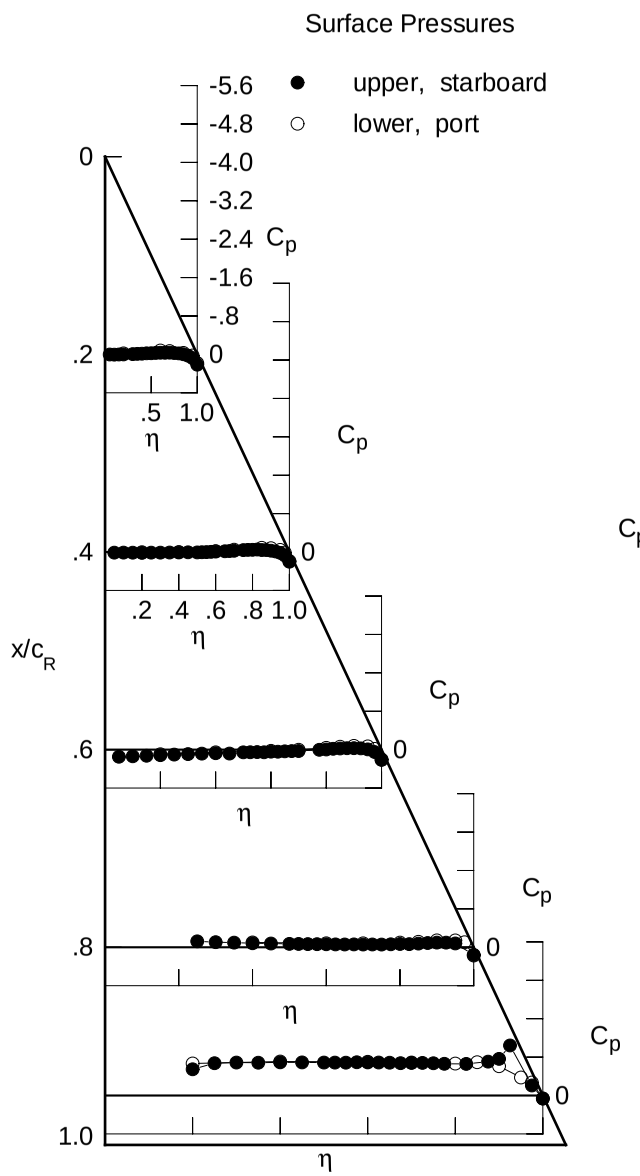
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1091	*******
0.20	-1.2780	-1.3531
0.30	-1.3041	*******
0.40	-1.3576	-1.0190
0.50	-1.2711	*******
0.60	-0.8332	-0.8707
0.70	-1.0283	*******
0.80	-0.8266	-0.6614
0.90	*******	*******
0.95	-0.5038	-0.5174

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	0.0023	0.0126	0.1478	*******	*******
0.100	0.0053	0.0124	0.1384	*******	*******
0.150	0.0024	0.0135	0.1273	*******	*******
0.200	0.0005	0.0174	0.1154	*******	-0.5465
0.250	*******	0.0124	0.1029	-0.1242	-0.6731
0.300	-0.0058	0.0129	0.0928	-0.1068	-0.6867
0.350	-0.0113	0.0107	0.0836	-0.0970	-0.6832
0.400	-0.0143	0.0088	0.0743	-0.0844	-0.6909
0.450	-0.0221	0.0052	0.0814	-0.0782	-0.6894
0.500	-0.0241	0.0078	0.0564	-0.0710	-0.6860
0.525	*******	0.0042	0.0545	-0.0695	-0.6857
0.550	-0.0308	0.0020	0.0502	-0.0664	-0.6843
0.575	*******	-0.0037	0.0555	-0.0646	-0.6929
0.600	-0.0344	-0.0095	0.0421	-0.0636	-0.6899
0.625	*******	*******	0.0431	-0.0600	-0.6873
0.650	-0.0333	-0.0157	0.0353	-0.0587	-0.6830
0.675	*******	-0.0212	0.0301	-0.0596	-0.6736
0.700	-0.0359	-0.0262	0.0287	-0.0580	-0.6788
0.725	*******	*******	*******	-0.0581	-0.6792
0.750	-0.0285	-0.0398	*******	-0.0571	-0.6722
0.775	*******	-0.0447	0.0034	-0.0623	-0.6604
0.800	-0.0207	-0.0462	-0.0034	-0.0686	*******
0.825	*******	-0.0518	-0.0173	-0.0657	-0.6585
0.850	-0.0032	-0.0416	-0.0236	-0.0765	*******
0.875	*******	-0.0415	-0.0299	-0.0885	-0.7057
0.900	0.0262	-0.0280	-0.0307	-0.0977	-0.7631
0.925	*******	-0.0117	-0.0268	-0.0966	-1.0422
0.950	0.0781	0.0165	-0.0054	-0.0797	*******
0.975	*******	0.0702	0.0497	*******	-0.2086
1.000	0.2144	0.2019	0.2136	0.1575	0.0641
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0208	0.0033	0.0957	*******	-0.6673
-0.400	*******	0.0001	0.0562	-0.1008	-0.7078
-0.600	-0.0809	-0.0191	0.0250	-0.0833	-0.7023
-0.700	-0.0697	-0.0490	0.0021	-0.0822	-0.6874
-0.800	*******	*******	-0.0373	-0.0980	-0.6659
-0.850	-0.0315	-0.0880	-0.0612	-0.1146	-0.6937
-0.900	*******	-0.0798	-0.0782	-0.1443	-0.6102
-0.950	0.0228	-0.0447	-0.0680	-0.1430	-0.3753
-0.975	*******	0.0109	-0.0163	-0.1049	-0.2709
-1.000	0.1808	0.1882	0.2042	0.1722	0.0614



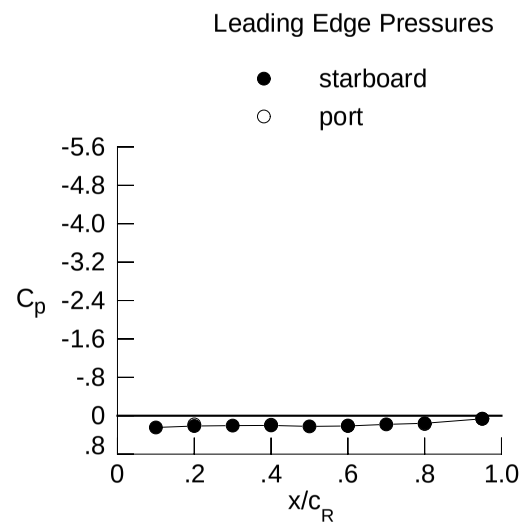
Large Radius L.E.

Run No. = 74 , Point No. = 1572

C_N = -0.024, C_m = 0.0044

α = -0.6 °, M_∞ = 0.901

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



x/c_R	starb'd C_p	port C_p
0.10	0.2447	*******
0.20	0.2144	0.1808
0.30	0.2059	*******
0.40	0.2019	0.1882
0.50	0.2223	*******
0.60	0.2136	0.2042
0.70	0.1803	*******
0.80	0.1575	0.1722
0.90	*******	*******
0.95	0.0641	0.0614